OREGON BICYCLE & PEDESTRIAN SAFETY IMPLEMENTATION PLAN

Technical Appendix

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Oregon Department of Transportation

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DKS

Task 2 Memorandum

PEDESTRIAN SAFETY

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MEMORANDUM

Date: August 12, 2020 Project #: 23900

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Project: NCHRP 20-44(13): Implementation of NCHRP Research Report 893: The Oregon DOT Statewide Pedestrian and Bicycle Plan

Subject: Subtask 2.1 Pedestrian Systemic Safety Analysis Memorandum

PEDESTRIAN SAFETY IMPLEMENTATION PLAN

INTRODUCTION

Over the 11-year period between 2007 and 2017, the number of crashes involving a pedestrian has increased at more than double the rate of all crashes (i.e., 30% increase in total crashes, 66% increase in pedestrian-involved crashes). The percentage of reported fatal and severe injury crashes in Oregon including people walking has increased by approximately 23% (from approximately 8% to 10% of fatal and severe injury crashes). These trends are consistent with nationwide data *(NHTSA, 2017)*. Pedestrian crashes are less frequent than motor-vehicle crashes. This makes it difficult to apply crash-history based screening methods (e.g., potential for safety improvement, critical crash rate, crash frequency) to identify and treat the best locations for reducing pedestrian crashes. The systemic safety approach is a means to overcome this challenge.

In response to these trends, the Oregon Department of Transportation (ODOT) has successfully procured funds through the National Cooperative Highway Research Program (NCHRP) to develop this pedestrian systemic safety plan for Oregon via research project 20-44(13)[1]. This plan takes a data-driven approach in identifying risk factors for pedestrian crashes, high risk locations, and countermeasures to address these risks following the process outlined in *NCHRP Research Report 893: Systemic Pedestrian Safety Analysis (NCHRP, 2018)*. The results of NCHRP 20-44(13) will update the *Oregon Department of Transportation Pedestrian and Bicycle Safety Implementation Plan. (ODOT, 2014)* and inform future iterations of ODOT's All Roads Transportation Safety (ARTS) program,

[1] This project is funded by the National Cooperative Highway Research Program (NCHRP). NCHRP produces ready-to-implement solutions to the challenges facing transportation professionals. NCHRP is sponsored by the individual state departments of transportation of the American Association of State Highway and Transportation Officials (AASHTO), in cooperation with the Federal Highway Administration (FHWA). NCHRP is administered by the Transportation Research Board (TRB), part of the National Academies of Sciences, Engineering, and Medicine. Any opinions and conclusions expressed or implied in resulting research products are those of the individuals and organizations who performed the research and are not necessarily those of TRB; the National Academies of Sciences, Engineering, and Medicine; or NCHRP sponsors.

through which ODOT Regions and local agencies may apply for project funding to reduce crashes on public roads in Oregon.

This memorandum documents the *NCHRP Research Report 893* process applied to the Oregon State highway system for pedestrians. It can also be used as a resource, in conjunction with *NCHRP Research Report 893,* by ODOT and local agency staff in completing their own systemic pedestrian safety analyses and program development efforts, including applying for ARTS program funding, updating the analysis documented in this memo, or developing a jurisdiction-specific program.

NCHRP Research Report 893: Systemic Pedestrian Safety Analysis

NCHRP Research Report 893: Systemic Pedestrian Safety Analysis provides a methodology to address pedestrian safety performance. It describes a systemic approach, as opposed to a "hot spot" approach, to proactively identify sites for potential safety improvements based on specific risk factors for pedestrians. Figure 1 presents seven key steps in a systemic pedestrian safety analysis process. The steps are depicted in linear sequence but some steps may occur simultaneously, in different orders, or iteratively.

Figure 1: Steps in a Systemic Pedestrian Safety Analysis Process



Plan Outline

This memorandum describes the pedestrian safety implementation plan as applied to the Oregon State highway system. It follows the seven steps outlined in *NCHRP Research Report 893,* as summarized below:

- **Steps 1 – 3 (Study Scope, Data Collection, and Risk Factors)** – These steps have been completed within the context of existing available data. The risk factors identified in Step 3 are useful to ODOT Region and local agency staff in identifying sites within their jurisdiction that could most benefit from pedestrian safety projects (see Step 4) and in applying for ARTS funds.
- **Step 4 (Identifying Potential Treatment Sites)** –State highways have been screened and prioritized using the risk factors identified in Step 3. The process followed in Step 4 can be replicated within local agency jurisdictions to identify locations for potential pedestrian safety projects. The process can be tailored to the available data within the jurisdiction.
- **Step 5 (Selecting Potential Countermeasures)** – Twenty-five sites on State highways have been selected and examined for potential countermeasures to address the identified risk factors. In order to illustrate a range of applications, the sites selected for this analysis are a mix of urban

and rural locations and each one includes segment and intersection related risk factors[2]. They include locations with multiple crashes per year and locations without any documented crash history in the study period (i.e., the last 11 years). *The countermeasures shown in this step are examples ODOT could consider at each location based on the identified risk factors and roadway and intersection characteristics*. They are illustrative examples for how an agency could start this step. ODOT will need to further evaluate these locations to select the final set of countermeasures.

- **Steps 6 – 7 (Implementation and Evaluation)** – These steps are not completed in this project since countermeasures are not selected in Step 5. Instead, this memorandum describes how these steps could be completed within the context of ODOT's ARTS program and *NCHRP Research Report 893* recommendations.

Each step is described further in the following sections.

STEP 1: DEFINING THE STUDY SCOPE

Step 1 involves defining the area for the analysis and identifying the facility type or particular locations types for systemic focus. This step sets the stage for all subsequent steps.

Defining the Study Area

The study area for this plan is all public roadways in Oregon for which data is available from ODOT. Figure 2 illustrates the study area.

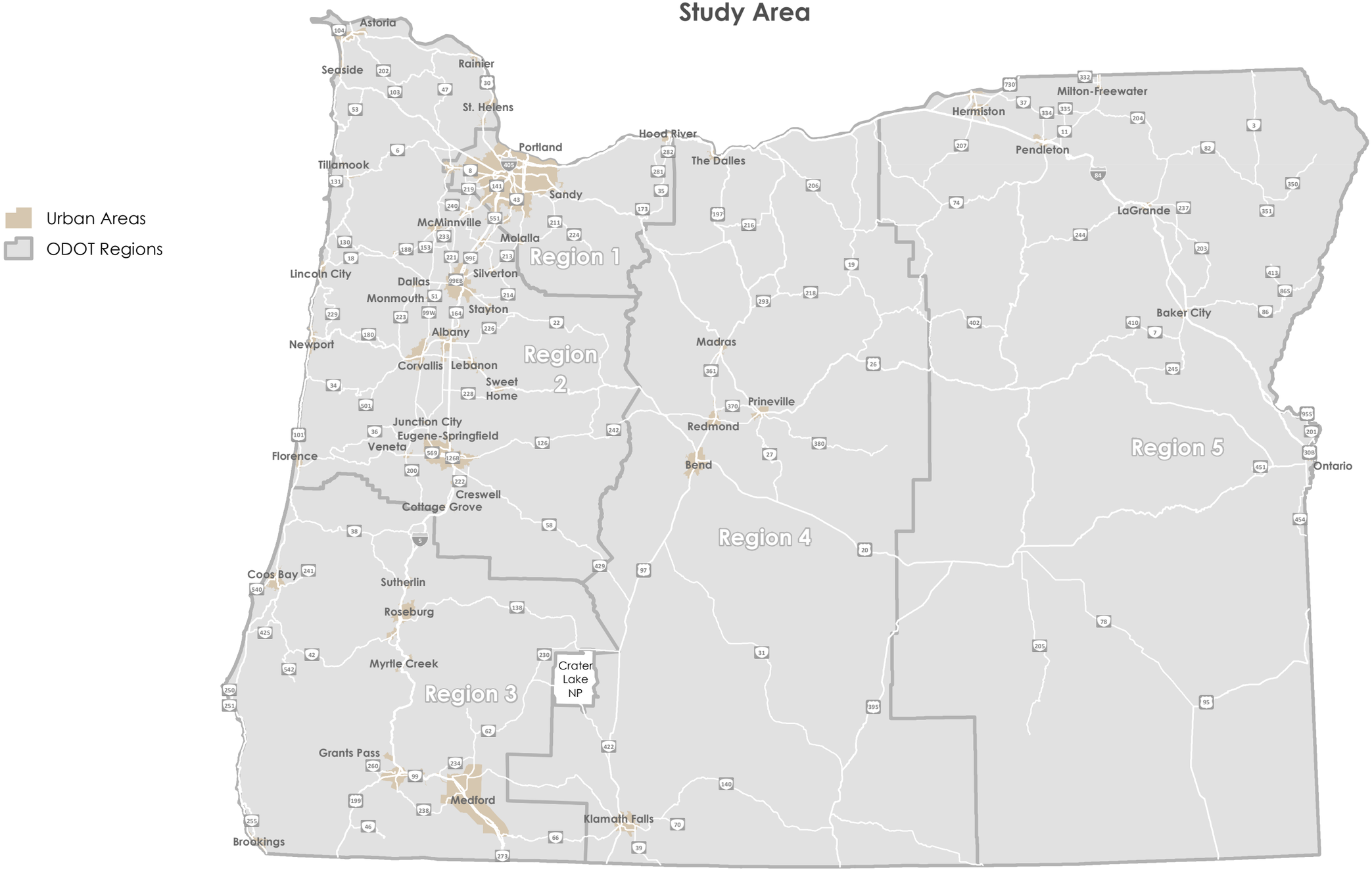
Identifying One or More Target Facility or Location Types

The project team developed a crash tree using crash data provided by ODOT from 2007 to 2017. The crash tree analysis identifies high frequency locations and crash type combinations. It was used by ODOT and the project team to identify areas for focus in subsequent steps in this plan. The crash tree analysis is shown in Figure 3.

This analysis showed that approximately 93% of reported pedestrian crashes occur in urban areas, which are defined by the Federal Highway Administration (FHWA) and include locations with a population of 5,000 or more. Based on this finding, ODOT staff recommended that this plan focus on urban areas, though rural areas will still be considered.

[2] Urban areas are defined by FHWA as locations with a population of 5,000 or more; rural areas include locations with a population less than 5,000.

Figure 2 - Pedestrian Systemic Safety Analysis Study Area

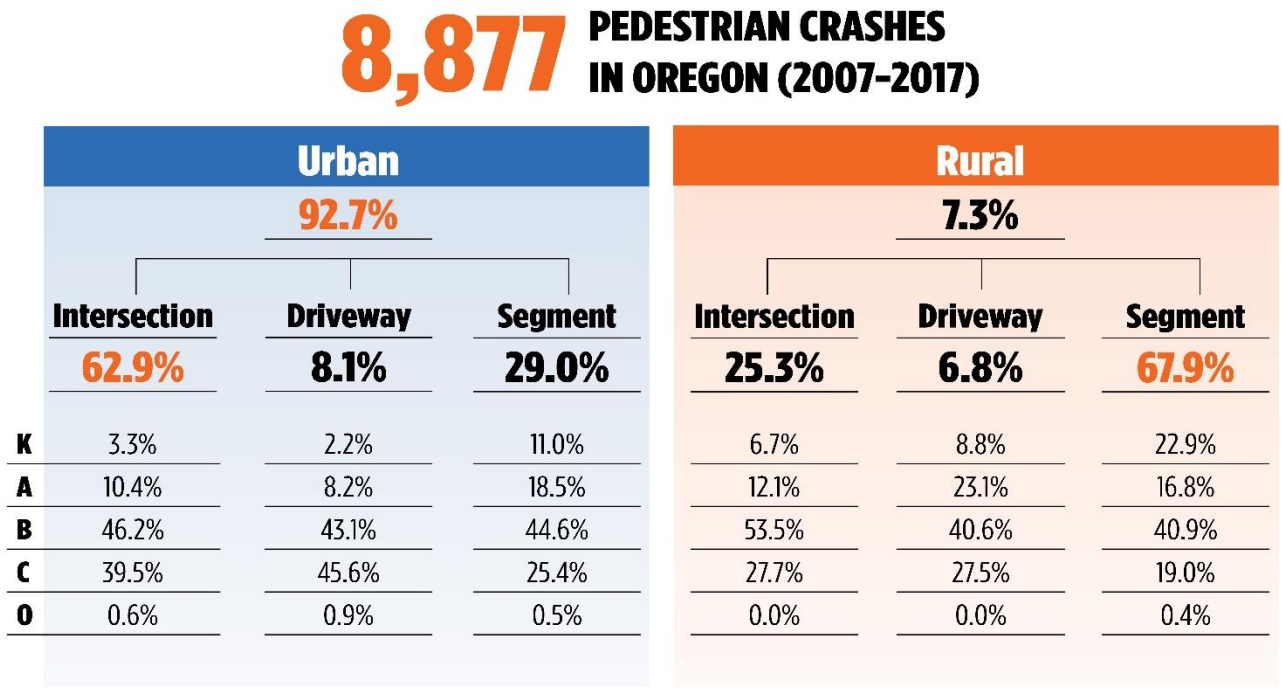


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0 90 Miles

H:\23\23900 - NCHRP 20-44 - ODOT Ped Bike Safety Plan\gis\ped report figures\02 - Study Area.mxd Date: 6/30/2020

Figure 3: Oregon Pedestrian Crashes by Area and Facility Type



Nearly 65% of reported pedestrian crashes across the state occurred on urban arterial roadways (37% on major arterials and 28% on minor arterials). and approximately 60% of those crashes occurred on roadways with a posted speed limit of 30 mph or 35 mph. These proportions (related to functional classification and posted speed) are consistent across all severity levels.

In rural areas, approximately 25% of pedestrian crashes occurred at intersections while 75% occurred on segments(23% of rural segment crashes involved a pedestrian on the shoulder or sidewalk, 65% were crossing the roadway at a mid-block location, and the remainder were outside of the roadway boundaries). Rural pedestrian crashes on segments most commonly occurred on principal arterials (35%) and major collectors (24%). While the analysis covers urban and rural roadways and intersections, the focus of this plan will be on facilities located within an urbanized context.

STEP 2: COMPILING AVAILABLE DATA

Step 2 involves compiling data to support future steps. The project team obtained infrastructure, crash, sociodemographic, land-use, and volume data from multiple agencies. ODOT provided most data. The project team also obtained data from Metro and the cities of Portland, Eugene, and Bend. These agencies were identified due to their historical count programs and as an efficient way to increase the analysis sample sizes given the area these cities cover and the size of their datasets. Only data made readily available in a geographic information system (GIS) form was compiled as part of Step 2. Table 1 illustrates a summary of the compiled dataset.

Table 1: Dataset

Data Type	Eugene	Portland	Bend	ODOT
Ped Counts				X
Vehicle Counts		X		X
Zoning	X	X	X	X
Parks	X	X	X	X
Schools	X	X	X	X
Transit Stops				X
Functional Class	X	X	X	X
Ped Facility	X	X	X	X
Bike Facility	X	X		X
Trails/Shared-use Paths	X	X		X
Road Centerlines	X	X	X	X
Road Lanes			X	X
Road Shoulders				X
Road Speed	X	X		X
Marked Crossings				
Traffic Signals	X	X	X	X
Enhanced Crossings	X			X
Crashes 2007 - 2017				X
SPIS Data 2009 – 2015				X

Infrastructure Data

Infrastructure data (facility type and location) was obtained through local jurisdiction and State coordination. Each infrastructure dataset differed in format, completeness, and consistency. For example, shoulder data was available for ODOT facilities, but not for local roads. Datasets were obtained in GIS format with differing attribute table formatting. Overall, the ODOT dataset for State facilities was the most complete.

Crash Data

ODOT provided the 11 most recent years of available pedestrian crash data (2007-2017), including crashes where a pedestrian was struck. The dataset was filtered to exclude crashes on Interstates or other full access-controlled facilities. The resulting dataset includes 8,877 crashes.

The crash data contains useful information for identifying risk factors. It contains infrastructure and user action related items, including, for example, whether the crash occurred at an intersection, involved a turning movement, and whether or not the pedestrian was crossing the road or walking along the shoulder.

Land-use & Demographic Data

Eugene, Bend, and Metro provided land-use data including zoning and parks. ODOT also provided zoning data through the Oregon Spatial Data Library (OSDL). Statewide school location data was obtained through Longitudinal Employer-Household Dynamics *(LEHD, 2017)*. The American Community Survey 2017 estimates *(ACS, 2017)* provided population, employment, and walk-to-work data by block group.

This data was used to identify potential risk factors and treatment sites as described in Steps 3 and 4.

Exposure (Count) Data

ODOT provided the 10 most recent years (2009-2018) of pedestrian count data for State and local facilities. The data included 510 unique sites and identified pedestrian peak hour volumes as well as daily crossing volumes. The locations of pedestrian count data represent a broad range of facility type and contexts throughout Oregon. Additional pedestrian count data was collected from Metro, City of Portland, City of Bend, and City of Eugene. The data was later used for comparison purposes with a pedestrian demand model to evaluate the model's accuracy.

STEP 3: DETERMINING RISK FACTORS

Step 3 involves analyzing the data collected as part of Step 2 to determine risk factors associated with pedestrian crashes. Table 2 summarizes the variables investigated as part of the risk factor identification process.

Table 2: External Data Variables

Data Element	Source
Functional Classification	Crash Data (RICS)
Number of Lanes	Crash Data (RICS), ODOT, Metro, Bend
Median Type	Crash Data (RICS)
Posted Speed	(Crash Data (RICS), Portland, Metro, Eugene
Sidewalk Presence	ODOT, Metro, Bend, Eugene
Shoulder Width	ODOT
Schools Nearby	OSDL, Eugene, Bend, Metro
Transit Stops Nearby	ODOT
SPIS Locations	ODOT
Land Use/Zoning	OSDL, Eugene, Bend, Metro
Driveway Density	ODOT
Annual Average Daily Traffic (AADT)	ODOT

Evaluation Tools

The analysis was completed using GIS software and Microsoft Excel as follows:

- Data elements from Table 2 not included in the crash database were spatially joined to the crash data using GIS software.
- Trend analyses were completed using crash trees and pivot tables within Excel.

Each crash was assigned a score based on severity to account for crash severity, in addition to frequency. Property damage only (PDO) crashes were assigned a score of 1, non-serious injury crashes were assigned a score of 10, and severe injury and fatal crashes were assigned a score of 100 (these relative weighting factors are consistent with the ODOT Safety Priority Index System calculations). These scores were then aggregated for different risk factors as part of the evaluation process.

Risk Factors

Risk factors identified from this analysis were categorized based on roadway characteristics and context factors (i.e., proximity to transit and schools). The project team reviewed the initial list of potential risk factors against the factors identified in NCHRP Research Report 893, the list of potential countermeasures to be used in Step 5, and against each other (for possible correlation). Based on this review, the project team identified the following risk factors shown in Table 3. Most of these factors are used in the site selection process in Step 4, but not all could be due to their lack of availability across the State highway system.

Table 3: Risk Factors

Risk Factor	Facility Type	Urban	Rural
Roadway Characteristics			
Principal Arterial	General	X	X
Number of Lanes (>= 4 Lanes)	Segment	X	X
High-Access Density	Segment	X	
No Sidewalks (or Only One Side)	Segment	X	
Posted Speed (>=35 mph)	Segment	X	X
Context			
Mixed Use Zoning	General	X	
Other Zoning	General		X
Proximity to Schools (1 Mile)	General	X	X
Proximity to Transit Stops (1/4 Mile)	General	X	X
Demographics			
High Population over the Age of 64	General	X	X
Other Risk Factors (Not Used in Screening Due to Data Availability)			
High-turning Volumes at Intersections	Intersection	X	X
Left-turn Signal Phasing	Intersection	X	X
Lighting	Intersection	X	X
Propensity for Mid-block Crossings	Intersection/Mid-block	X	X
Exposure	Intersection	X	X

The following sections further describe each of these factors , as well as how exposure is addressed. A more detailed description of this analysis can be found in Attachment "A."

Roadway Characteristic Factors

Principal Arterial

Approximately 65% of reported pedestrian crashes (intersection and segment crashes) occurred on urban **arterials** (major and minor). Furthermore, over 64% of pedestrian crashes on urban segments occurred on **arterials** (38% on **principal arterials**, 25% on **minor arterials**). The severity of crashes on principal **arterials** is approximately 15-40% higher than on any other functional classification (*see Attachment "A" for a breakdown of severity ratings by functional class)*. (Note: Crashes on freeways and expressways were excluded from the dataset.)

Number of Lanes

Approximately 57% of pedestrian crashes occurred on 2-lane roadways and 34% occurred on **4-lane** roadways. Two-lane roads make up approximately 84% of Oregon roadways, based on mileage, so pedestrian crashes occur at a higher rate per mile on wider roadways.

In urban and rural areas, pedestrian crashes most commonly occurred on 2-lane and **4-lane roadways**, however crashes on **4-lane and 5-lane** roadways had higher severities. In contrast, the highest frequency of fatal and severe pedestrian crashes occurred on urban 2-lane roads (37% of crashes), urban **4-lane** roads (37% of crashes), and rural 2-lane roads (16% of crashes).

High-Access Density

ODOT provided access location information for State highways to calculate access density (i.e., accesses/mile)for the roadway segment on which a crash occurred. Over 75% of urban segment crashes and 40% of rural segment crashes occurred on roadways with **40 or more access points per mile**.

No Sidewalks (or Only One Side)

Within the urbanized areas of Bend, Eugene, and Portland, approximately 31% of crashes occurred at locations with **no sidewalks or sidewalks on only one side of the road**. That percentage jumps to over 67% when looking only at urban segment crashes.

Posted Speed

Of the urban segment crashes with posted speed information available, nearly 37% occurred on roadways with a posted speed of **35 mph**, followed by 25 mph (22%) and 30 mph (12%). There is a spike in crash severity at speeds of **35 mph** or greater, with crash severity being about 20% to 75% higher at higher speeds (*see Attachment "A" for further details)*.

Context Factors

Mixed-Use Zoning[3]

Crashes on urban roadways most commonly occurred in areas with **mixed-use zoning** (44%), followed by residential (26%), and commercial (21%).

Other Zoning

The highest number of rural crashes occurred in "**other" zoning**[4] (37%), followed by farm use (27%), commercial (22%), and residential (11%).

Proximity to Schools

Across the state, 62% of crashes occurred with **one mile of a school**.

Proximity to Transit

Across the state, 47% of crashes occurred within **¼ mile of a transit stop.** Approximately 94% of crashes in the Bend, Eugene, and Portland urban areas occurred within ¼ mile of a transit stop. Even though transit is typically considered an urban amenity, 30% of rural crashes occurred in the vicinity of a transit stop.

Demographic Factors

The project team evaluated whether there was a correlation between two age categories and pedestrian crashes: Individuals under 25 years old and individuals 65 years and older. These two age categories are generally consistent with the emphasis areas identified in the *Oregon Transportation Safety Action Plan (TSAP) 2016 (ODOT, 2016)*. The category of individuals of 65 years and older is also noted in *NCHRP Research Report 893* as a risk factor for more severe crashes

This analysis was accomplished by categorizing US Census Block Groups into quintiles (i.e., 20% bins) based on the proportion of the population of each age group (e.g., Census Block Groups in the top 20% quintile for people under 25 years old have the highest proportions of population younger than 25 years old in Oregon). Table 4 summarizes the results of this analysis.

[3] Mixed use zoning includes a combination of land uses, typically including but not limited to commercial, residential, and light industrial.

[4] "Other" zoning includes all zoning classifications within the Oregon Spatial Data Library (OSDL) with the exception of residential, commercial, industrial, mixed-use, and farm-use zoning. Examples of "Other" zoning including forest/federal lands, coastline, parks, range, and public heath.

Table 4 Age and Crash Severity

Population Ranking	% of Crashes that are Fatal/Severe	
	Under 25 Years Old Block Groups	65 Years and Older Block Groups
Top 20%	12.5%	16.8%
2nd Highest 20%	14.3%	16.4%
Middle 20%	14.2%	13.5%
4th Highest 20%	14.4%	14.0%
Lowest 20%	13.4%	12.6%

Based on these results, the top two quintiles for population 65 years and older were selected as a screening risk factor. The inclusion of schools as a risk factor may account for the younger population.

Other Risk Factors

The risk factors previously discussed are useful for screening and prioritizing sites since data about them is available statewide and/or on ODOT highways. The risk factor analysis identified other factors worth considering when evaluating specific sites with more detailed data, including:

- **High Turning Volumes at Intersections**
    - Left-turning vehicles were involved in nearly 50% of reported pedestrian crashes at urban signalized intersections, and another 25% involved right-turning vehicles. When considering only fatal and severe injury crashes, left-turning vehicles were involved in twice as many crashes as right-turning vehicles (35% versus 16%).
    - Turning vehicles were involved in 55% of crashes at unsignalized intersections.
    - However, the most severe crashes involved vehicles traveling straight through both types of intersection.
- **Lighting** – Intersections and roadway segments lacking adequate street lighting could be potential sites for higher conflicts between vehicles and pedestrians at nighttime. In urban and rural areas, crashes at night were significantly more severe (i.e. equivalent property damage only [EPDO]/crash scores are up to 15 points higher at night than during daylight).
- **Left-turn Signal Phasing** – Related to turning volumes, evaluating signal phasing to identify locations with permissive left-turns could be useful in identifying sites with a higher potential for conflict between left-turning vehicles and crossing pedestrians.
- **Propensity for Mid-block Crossings** – Nearly half of urban segment crashes (i.e., 47%) involved a pedestrian "illegally in the roadway" away from an intersection. This number is slightly lower, 42%, on rural roadways. Identifying potential crossing locations that exceed the recommended target pedestrian crossing spacing range in Table 2-6 of the ODOT Blueprint for Urban Design

and treating those locations with potential enhancements for midblock crossings may help reduce the risk of these types of crashes[5].

Exposure

Exposure (i.e., pedestrian and motor vehicle volumes) is typically associated with crash frequency. Ideally it is accounted for when analyzing crash risk. However, pedestrian volumes are not collected at enough locations to be used for a statewide screening effort. An approach to account for pedestrian volumes across a network is to use demand estimate models. These models typically consider land-use, demographic, and roadway characteristics to estimate pedestrian volumes on roads where there are no counts.

The project team explored estimating pedestrian volumes by using models developed for Caltrans (*Griswold, 2019*). These models estimate the number of crossing pedestrians at California Highway intersections. The project team applied these models to ODOT highways and then compared the results to the pedestrian crossing count data provided by ODOT. While the model produce count estimates that varied from the actual counts, it was generally able to predict the highest count locations (i.e., the actual count ranking compared to the model estimate ranking was within 10% of the same percentile for 72% of the site and within 5% for about 60% of the site).

The project team used the models to estimate pedestrian crossing volumes on State highway segments. The segments were divided into high/medium/low volume estimate categories. These categories were compared to the crash data; however, no meaningful correlation between estimated activity level and crash frequency was found.

Further analysis of the data beyond what was possible in this project could potentially yield more fruitful results. Potential follow-on work could include using ODOT's pedestrian count information to develop Oregon specific demand models or attempting additional analyses with the Caltrans models, such as analyzing different classifications of the results or evaluating the data further for outliers and anomalies and evaluating whether removing or controlling for those affects the results.

In this project, exposure is likely accounted for in the Principal Arterial, number of lanes, transit stops, mixed-use zoning, and schools risk factors.

Future Data Collection Priorities

The selection of risk factors described in this section was based on available data. Priority data to collect for future analyses to further assess pedestrian safety risk factors include:

- Left-turn signal phasing
- Pedestrian volumes (crossing and along the roadway)
- Enhanced and marked crossing locations
- Turning movement volumes
- Lighting presence and type
- Presence of alcohol sales establishments

[5] https://www.oregon.gov/ODOT/Engineering/Documents_RoadwayEng/Blueprint-for-Urban-Design_v1.pdf

STEP 4: IDENTIFYING POTENTIAL TREATMENT SITES

The purpose of Step 4 is to identify candidate sites with the greatest crash potential. This was accomplished using the risk factors identified in Table 3 through the following steps:

1. Weighting the risk factors based on their EPDO scores, the results of which are summarized in Table 5.

Table 5 Risk Factor Screening Weights

Risk Factor	Risk Factor Weights	
	Urban	Rural
Principal Arterial	1.24	1.46
Number of Lanes (>= 4 Lanes)	1.55	1.73
High-Access Density	1.64	--
No Sidewalks (or Only One Side)	1.38	--
Posted Speed (>=35 mph)	1.83	1.63
Mixed Use Zoning	1.00	--
Other Zoning	--	1.45
Proximity to Schools (1 Mile)	1.03	1.17
Proximity to Transit Stops (1/4 Mile)	1.08	1.00
High Population over the Age of 64	1.00	--

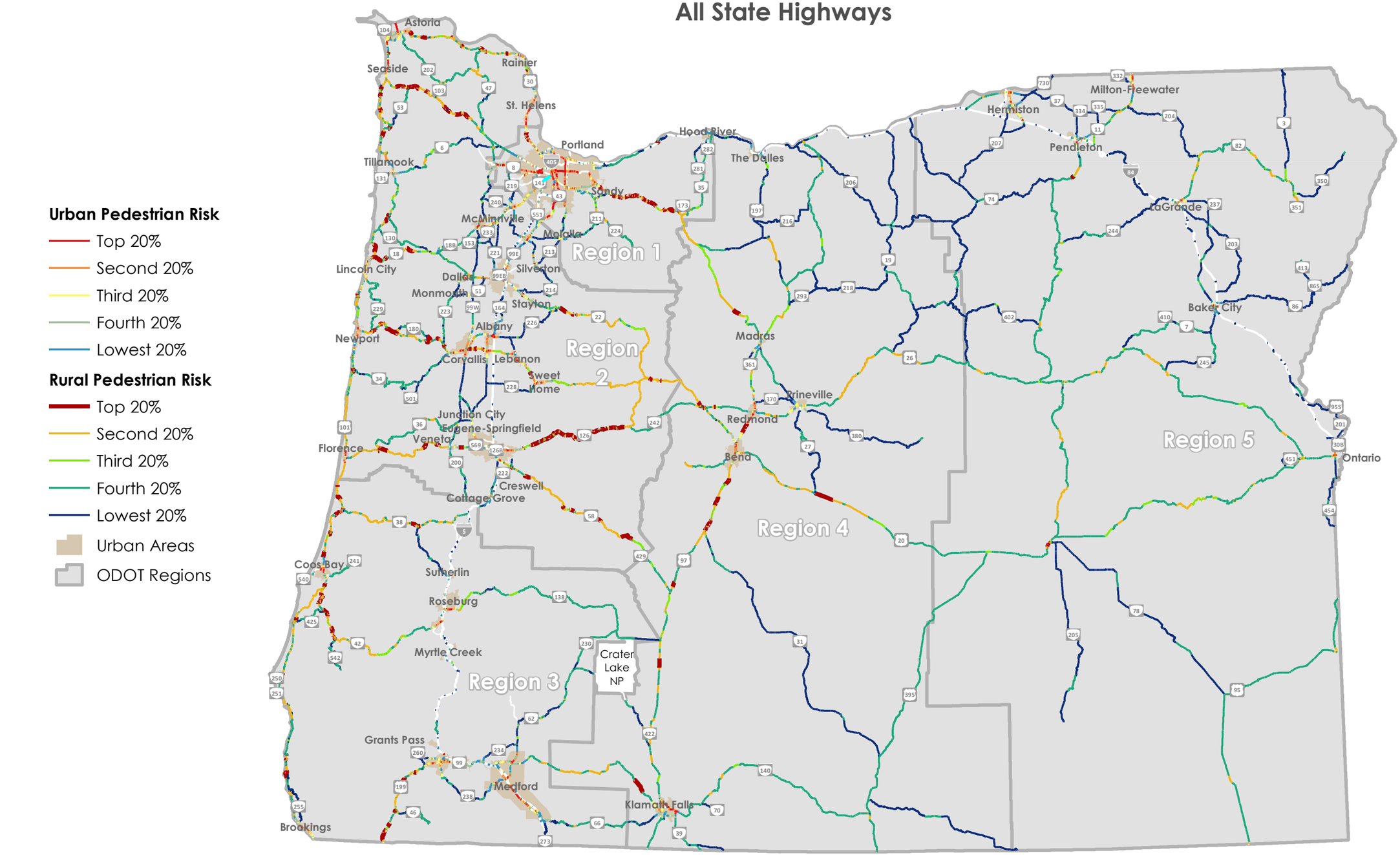
2. Using these weighted values to score State highway segments. Attachment "B" contains more detailed documentation of how this was accomplished in ArcGIS software.
3. Dividing the scored segments into quintiles (i.e., 20% bins) based on urban/rural contexts.

Figure 4 illustrates the results of this process.

The project team worked with ODOT staff to identify 25 sites for further evaluation. These sites were typically selected from the two highest risk categories with the following objectives in mind: 1) The sites represent a range of land-use contexts; and 2) They include sites with no, or limited, crash history. Preference was given to sites in the top 20% of risk factor scoring, but sites from lower tiers were also needed in order to meet these criteria. This final set of 25 sites is shown in Figure 5 and listed in Table 6.

A complete list of State highway segment risk scores is included in Attachment "E"

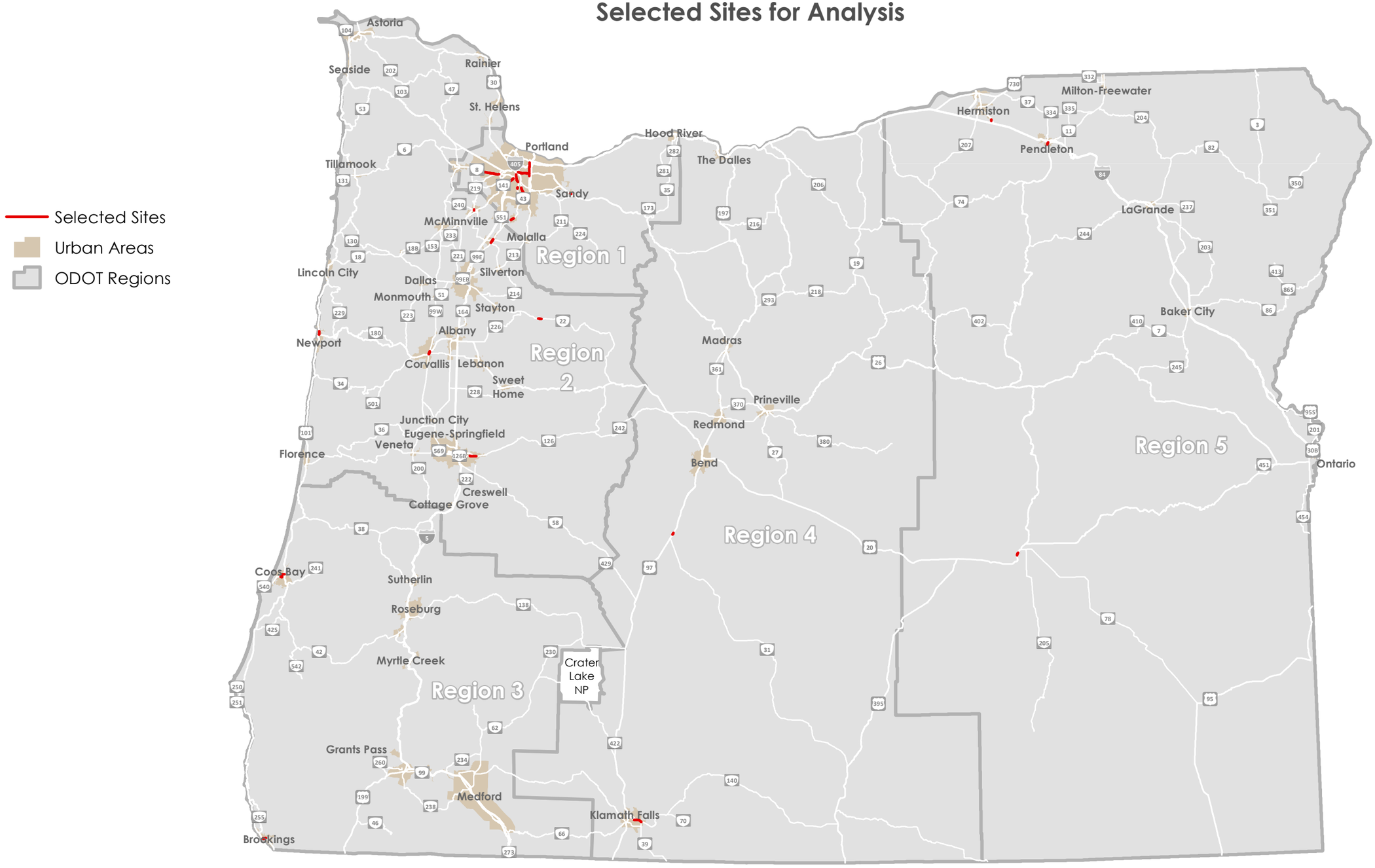
Figure 4 - Pedestrian Risk Factor Screening
All State Highways



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Figure 5 - Pedestrian Risk Factor Screening
Selected Sites for Analysis



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Table 6: Final Set of 25 Pedestrian Sites

Corridor ID	Corridor Name	Highway Name	To Street	From Street	City/ Community	Corridor Length (Miles)	Type	ODOT Region	Pedestrian Risk Score	Pedestrian Risk Quintile	Pedestrian Crashes
1	82 Avenue	OR 213	SE Foster Road	NE Sandy Boulevard	Portland	4.81	Urban	1	9.638	Top 20%	127
2	Powell Boulevard	US 26	SE 82 Avenue	OR 99E	Portland	4.03	Urban	1	9.423	Top 20%	85
3	N State Street	OR 43	SE Terwilliger Boulevard	Foothills Road	Lake Oswego	0.52	Urban	1	9.223	Top 20%	7
4	Southgate	US 395	Tutuilla Road/Hailey Avenue	Southgate Place	Pendleton	0.81	Urban	5	9.095	Top 20%	0
5	6th Street	OR 39	Bisbee Street	Klamath Falls Malin Highway	Klamath Falls	2.78	Urban	4	9.507	Top 20%	14
6	Oregon Coast Highway	US 101	NW 25th Street	NE 2nd Street	Newport	1.16	Urban	2	9.010	Top 20%	9
7	Pacific Highway West	OR 99W	NW Buchanan Avenue	SW Western Boulevard	Corvallis	1.96	Urban	2	5.870	Third 20%	18
8	Hillsboro Silverton	OR 219	E Illinois Street	OR 99W	Newberg	0.39	Urban	2	4.964	Fourth 20%	5
9	Pacific Highway East	OR 99E	Industrial Avenue	Young Street	Woodburn	1.52	Urban	2	9.115	Top 20%	21
10	1st Street	OR 99E	Pine Street	SW Berg Parkway	Canby	1.24	Urban	1	10.261	Top 20%	14
11	Canyon Road	OR 8	117th Avenue	Murray Boulevard	Beaverton	1.39	Urban	1	9.692	Top 20%	10
12	Tualatin Valley Highway	OR 8	Murray Boulevard	SE 70th Avenue	Aloha	4.13	Urban	1	9.264	Top 20%	45
13	Salem Highway	OR 99E	Division Street	Commercial Street	Salem	1.42	Urban	2	8.347	Second 20%	9
14	Main Street	OR 126	S 48th Street	S 69th Street	Springfield	2.28	Urban	2	9.166	Top 20%	21
15	Mt Hood Highway	US 26	Ruben Lane	Bluff Road	Sandy	0.43	Urban	1	9.474	Top 20%	13
16	Umatilla Stanfield	US 395	Harding Avenue	E Ball Avenue	Stanfield	0.51	Rural	5	6.571	Third 20%	1
17	Macadam Avenue	OR 43	SW Hamilton Court	SW Radcliffe Road	Portland	2.81	Urban	1	10.056	Top 20%	9
18	US 97	US 97	Reed Road	6th Street	La Pine	0.70	Rural	4	10.209	Top 20%	3
19	Main Street	OR 51	Polk Street	Oak Street	Independence	0.28	Urban	2	9.000	Top 20%	1
20	Central Oregon Highway	US 395	Lottery Lane	W Jamison Avenue	Hines	1.01	Rural	5	8.085	Second 20%	0
21	North Santiam Highway	OR 22	NW 9th Avenue	NE Alder Street	Mill City	1.11	Rural	2	8.120	Second 20%	0
22	Cape Arago Highway	OR 240	Oregon Coast Highway	Fir Street	Coos Bay	2.30	Urban	3	8.584	Second 20%	19
23	McLoughlin Boulevard	OR 99E	SE Courtney Road	SE Jennings Avenue	Oak Grove	2.40	Urban	1	9.338	Top 20%	44
24	Chetco Avenue	US 101	5th Street	Lower Harbor Road	Brookings	1.19	Urban	3	7.882	Second 20%	3
25	Pacific Highway West	OR 99W	SW 13th Avenue	SW 60th Avenue	Tigard	2.93	Urban	1	10.668	Top 20%	16

STEP 5: SELECTING POTENTIAL COUNTERMEASURES

The next step is to identify countermeasures that could potentially address identified risks at each of the sites selected in Step 4.

The project team identified potential countermeasures based on the ODOT ARTS list[6], the Federal Highway Administration (FHWA) *Proven Safety Countermeasures*[7] and Crash Modification Factors (CMF) Clearinghouse[8], and other relevant literature. Potential countermeasures were only included if a crash reduction factor (CRF) was identified.

Table 7 summarizes the potential countermeasures considered as part of Step 5. These countermeasures are described in more detail, including information on potential applications and implementation considerations, in Attachment "C". For a complete list of ODOT ARTs Crash Reduction Factors and descriptions of the corresponding treatments, see: https://www.oregon.gov/odot/engineering/pages/arts.aspx

The process for selecting potential countermeasures at each of the 25 potential treatment sites identified in Step 4 included the following steps:

1. Review existing conditions of potential treatment site including traffic and roadway data, land-use context, crash history, and risk factors present.
2. Based on this review, determine potentially relevant countermeasures.
3. Assess feasibility of countermeasure implementation based on review of aerial and street-level imagery.

Attachment "D" contains the results of this process for each of the 25 sites. *The countermeasures shown in this attachment are examples ODOT could consider at each location based on the identified risk factors and roadway and intersection characteristics*. They are meant to be illustrative as examples for how an agency could start this step. ODOT would need to further evaluate these locations to select the final set of countermeasures.

6 https://www.oregon.gov/odot/Engineering/Docs_TrafficEng/CRF-List.xlsx

7 https://safety.fhwa.dot.gov/provencountermeasures/fhwasa18029/

8 http://www.cmfclearinghouse.org/results.cfm?qst=pedestrian

Table 7: Potential Countermeasures

Countermeasure #	ARTS # (if applicable) or Source	Countermeasure	CRF
1	BP1	Install Pedestrian Countdown Timer(s)	70
2	BP2	Provide Intersection Lighting	42
3	BP3[1]	Install Urban Leading Pedestrian interval at Signalized Intersections	37
4	BP4	Install No Pedestrian Phase Feature with Flashing Yellow Arrow	43
5	BP7[1]	Install Pedestrian Refuge Island	31
6	BP8	Install Rectangular Rapid Flashing Beacon (2-Lane Road)	10
7	BP8A	Install Pedestrian Activated Beacon at Intersection	10
8	BP9	Install Rectangular Rapid Flashing Beacon without Median (3-Lane or More Roadway)	10
9	BP9A	Install Pedestrian Activated Beacon at Midblock	10
10	BP10	Install Rectangular Rapid Flashing Beacon with Median (3-Lane or More Roadway)	56
11	BP10A	Install Pedestrian Activated Beacon (flashing Beacon in conjunction with median and stop bar)	56
12	BP11	Install Continental Crosswalk Markings and Advance Pedestrian Warning Signs at Uncontrolled Locations	15
13	BP12	Install Curb Ramps and Extensions with a Marked Crosswalk and Pedestrian Warning Signs	37
14	BP13	Install Advance Pedestrian Warning Signs	5
15	BP14	Install Pedestrian Signal	55
16	BP15[1]	Install Pedestrian Hybrid Beacon	55
17	BP16[1]	Convert 4-Lane Roadway to 3-Lane Roadway with Center Turn Lane (Road Diet)	29
18	BP21	Prohibit Right-Turn-On-Red	41
19	BP22	Advanced Yield and Stop Markings & Signs	25
20	BP24	Install Raised Crosswalk	30
21	BP25	Install Speed Humps/Table (not on state highways)	15
22	FHWA: Proven Safety Countermeasures	Install Parking Restrictions (at Crossing Locations)	N/A
23	FHWA: Proven Safety Countermeasures	Install Automated Pedestrian Detection	N/A
24	FHWA: Proven Safety Countermeasures	Install Pedestrian Scramble (Exclusive Pedestrian Phase) at signalized intersections	N/A
25	CMFClearinghouse	Allow parking on both sides of road (Traffic Calming)	52
26	CMFClearinghouse	Implement Safe Routes to School Program	Range
27	CalTrans[1]	Add sidewalks (Urban Areas)	80

Countermeasure #	ARTS # (if applicable) or Source	Countermeasure	CRF
28	FHWA STEP	In-Street Pedestrian Crossing Signs	
29	I4	Replace Urban Permissive or Protected/Permissive Left Turns to Protected Only	99
30	I4A	Protected Left Turn - Split Side Street Signal Phasing	70
31	H16	Install Roundabout from Minor Road Stop Control	82
32	H17	Install Roundabout from Signalized Intersection	78
33	H20	Install urban traffic signal	67
34	H20	Install urban traffic signal	-143
35	H21	Install rural traffic signal	77
36	H21	Install rural traffic signal	-58
37	H30	Reduce urban driveway density from 48 to 26 to 48 per mile	29
38	H31	Reduce urban driveway density from 26 to 48 to 24 per mile	31
39	H32	Reduce urban driveway density from 10 to 24 to less than 10 per mile	25
40	H33	Provide a Raised Median, Urban 2-Lane Road	39
41	H34	Provide a Raised Median, Urban Multi-Lane Road	22
42	H35	Provide a Raised Median, Rural Multi-Lane Road	12
43	H43	Convert from Urban Two-Way to One-Way Traffic	47
44	RD18	Install widen paved shoulder by 1 ft.	6
45	RD19	Install widen paved shoulder by 2 ft.	13
46	RD20	Install widen paved shoulder by 3 ft.	18
47	ODOT BUD	Street Trees	
48	ODOT BUD	Lane narrowing	

1.Countermeasure also identified as FHWA Proven Safety Countermeasures

STEP 6: REFINING & IMPLEMENTING THE TREATMENT PLAN

Step 6 prioritizes the countermeasures recommended in Step 5. In general, the process to refine and implement a systemic treatment involves the following activities, as identified in *NCHRP Research Report 893*.

- Consider additional community priorities
- Perform additional diagnostics
- Perform economic assessments
- Allocate funding and implement projects.

Consider Additional Community Priorities

Prior to finalizing the selected countermeasure(s), consider inputs not accounted for in the previous steps. These inputs could include other data not already accounted for (e.g., site specific count volumes), planned land-uses or transportation projects, geographic diversity, equity, ongoing maintenance costs and needs, and other community priorities and considerations. *NCHRP Research Report 893* recommends consulting *NCHRP Research Report 803: Pedestrian and Bicycle Transportation Along Existing Roads* as a source of other considerations.

Perform Additional Diagnostics

If the prior steps have only included a desktop review, consider field visits to the potential sites. These visits can reveal additional information about the potential feasibility of the selected countermeasure(s) and identify other items that may need to be addressed to reduce the risk of the site that are not captured in the data (e.g., observed behaviors). Consider also how the recommend countermeasure(s) may affect other users of the site.

Perform Economic Assessments

The ARTS program uses the Cost-Effectiveness Index (CEI) for the economic assessment. The CEI measures the expected cost per crash reduced over the lifespan of the proposed treatment (e.g., if a $40,000 project is expected to reduce 10 crashes over its lifespan of 20 years, then the value is $4,000/crash reduced).

ODOT provides a spreadsheet for ARTS funding applicants to use on its website. Jurisdictions use the CEI spreadsheet to determine the economic value of safety treatments at intersections and along roadway segments. It can be used to analyze multiple intersections and/or roadway segments at the same time. This is particularly useful for systemic treatments since in the systemic process *all sites expected to be treated by a countermeasure, or set of countermeasures, should be grouped together for the economic assessment*. This is important since the goal is to prevent future crashes from occurring at sites with identified risk factors, not all of which may have a crash history. These groupings can occur at various levels depending on the applying agency (e.g., installing rectangular rapid flashing beacons (RRFBs) at multiple locations in Salem, installing leading pedestrian intervals (LPIs) at multiple locations in ODOT Region 3).

The CEI spreadsheet uses the *Highway Safety Manual*'s predictive methodology to estimate the long-term expected crash frequency at an urban site. To use this methodology, the following data needs to be available, or estimated:

- Roadway or intersection type (divided/undivided, number of lanes)
- Segment length
- Vehicle volume (AADT of segment or entering vehicles at an intersection)
- Pedestrian crossing volumes
- Type of parking
- Median width
- Presence of left- and right-turn lanes
- Presence of lighting
- Presence of automated speed and/or red-light enforcement
- Number of driveways
- Number of fixed objects
- Type of left-turn signal phasing
- Number of lanes crossed by pedestrians
- Presence of nearby by stops, schools, and alcohol sales establishments.

Values generally range from $500,000 to $3,000,000 and can be used to compare projects for ranking purposes (the lower the CEI cost value the better (*ODOT ARTS Program Summary Report, 2018*).

During this process, an agency may examine additional countermeasures or how projects are grouped to achieve a desirable CEI. As such, Steps 5 and 6 are sometimes repeated iteratively.

Allocate Funding and Implement Projects

ODOT allocates funding for systemic pedestrian safety projects through the ARTS program. Funds are allocated to each region based on severe crash history. The regions are required to use at least half of the funds on systemic projects, which would be the funding source for systemic pedestrian safety projects identified through this process.

STEP 7: EVALUATING PROGRAM & PROJECT IMPACTS

Step 7 includes evaluating and monitoring the systemic process based on the implemented treatments identified and prioritized in Steps 5 and 6. Generally, evaluation and monitoring focuses on one of two categories:

- **Program Implementation –** This entails evaluating progress made in implementing the program and could include monitoring and evaluating the following:
    - Whether the process described in Steps 1 through 6 are being carried out (i.e., is the process being implemented as intended?)
    - The level of funding being allocated to systemic pedestrian safety projects
    - The number of systemic pedestrian safety projects implemented
    - The time between when funding is allocated and when projects are implemented
    - Identifying implementation barriers and lessons learned (e.g., additional data needs, policy/funding challenges, training needs, additional coordination needed)
    - The percentage of locations in the Top 20% for risk factor scores (or other category) that have been treated
    - Number of ARTS applications submitted for systemic pedestrian projects
- **Program Outcomes –** This includes evaluating the success of the program in achieving its goals (i.e., reducing pedestrian fatalities and injuries). Performance measures could include:
    - Number of pedestrian fatalities and serious injuries
    - Number of pedestrian crashes
    - Severity mix of pedestrian crashes (i.e., % that fatal, Injury A, Injury B, and Injury C)
    - Surrogate measures related to actions that the countermeasures are intended to effect (e.g., are right-turn on red prohibitions being complied with? Are advanced markings and signs increasing driver yield rates?)
        - Most of these measures will require before and after data to be collected

The results of these evaluation and monitoring activities can be used to track progress and outcomes and also to refine the process as necessary to increase its effectiveness. Evaluating implementation can be started immediately after funding is allocated. Feedback from ODOT Regions and local agencies is already being used to identify opportunities for improving the ARTS program (DKS Associates, 2018).

Evaluating the outcomes of the program may take longer. Due to the number of pedestrian crashes that occur every year, the suggested outcome measures will likely require pooling data across multiple treated sites over multiple before and after years to gain a meaningful sample size.

Performance monitoring can also extend beyond the safety-focused measures described previously. Evaluating projects beyond a safety perspective and considering how it supports connectivity, reliability, and other pedestrian transportation goals is recommended. A toolbox of

recommended performance measures is documented in FHWA's *Guidebook for Developing Pedestrian and Bicycle Performance Measures* (FHWA, 2016). Additionally, ODOT is currently working on developing its own performance measures through the Pedestrian and Bicycle Performance Measure and Data Implementation Framework project. The purpose of this project is to update the current bicycle and pedestrian related Key Performance Measure reported to the legislature and adopt programmatic performance measures for ODOT to track their progress for those biking and walking in Oregon. The project is expected to be completed in May 2021. Once published, these performance measures should be considered when evaluating the systemic program.

PROPOSED BICYCLE SYSTEMIC ANALYIS METHODOLOGY

The next phase of this project will include preparing the Bicycle Safety Implementation Plan. *NCHRP Research Report 893* does not explicitly address systemic safety for bicyclists. However, bicycle and pedestrian crashes share some common characteristics, including:

- They occur relatively less frequently than motor vehicle crashes and are therefore often better addressed through a systemic process instead of a hot-spot process
- Exposure (volume) data is often not readily available for either mode as it is for motor vehicles
- Bicyclists and pedestrians are considered vulnerable road users

Therefore, many of the same principles described in the NCHRP report can be applied to bicycle crashes, too. We propose to conduct the bicycle systemic analysis similarly to how the pedestrian analysis described in this memorandum has been completed. One key difference between the two methodologies will be that different risk factors may be evaluated for the bicyclist methodology based on a review of relevant literature and our previous experience with bicycle crash analyses.

Steps 1 through 3 of the bicyclist methodology have already been completed and reviewed by ODOT staff. We propose our next steps be to:

- Screen the State highway network using the risk factors identified in Step 3 and reviewed with ODOT
- Provide the results of the screening to ODOT staff for review and use in selecting 25 sites to evaluate for potential countermeasures
- Identifying potential countermeasures at the 25 selected sites
- Documenting the results of the analysis in a memorandum similar to this one

NEXT STEPS

This memorandum will be submitted to ODOT and the NCHPR panel. It will be reviewed with them in a conference call approximately two weeks after it is submitted. It will then be revised and shared with a stakeholder group of ODOT Region and local agency staff provided by ODOT and reviewed with them in a web meeting to be scheduled for about two weeks after the ODOT and NCHRP Panel review call.

REFERENCES

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Attachment A
Risk Factor Analysis

Assumptions

Crash Data: 2007-2017 (11 years) – 8,877 pedestrian crashes

Includes all crashes where a pedestrian was struck (even if not first harmful event)

Excludes: crashes on interstates or freeways, pedestrian-present crashes (ie: pedestrian crossing resulted in rear-end, but pedestrian was not struck)

External Data Variables Investigated:

Data Element	**Source**	**Assumption**	**Coverage (% pedestrian crashes with data)**
Functional Classification	Crash Data (RICS)	-	100%
Number of Lanes	Crash Data (RICS), ODOT, Metro, Bend	-	54%
Median Type	Crash Data (RICS)	-	8%
Posted Speed	Crash Data (RICS), Portland, Metro, Eugene	-	60%
Sidewalk Presence	ODOT, Metro, Bend, Eugene	Number of sidewalks within 75 feet [a]	54%
Shoulder Width	ODOT	Average paved width	19%
Schools Nearby	OSDL, Eugene, Bend, Metro	Within 1/4 mile	47%
Transit Stops Nearby	ODOT	Within ¼ mile	85%
SPIS Locations	ODOT	If within 55 feet of any SPIS site at any time during the study period	37%
Land Use/Zoning	Eugene, Bend, Metro, OSDL	Closest zoning classification	71%
Driveway Density	ODOT	Number of driveways within 500 feet, converted to access points per mile	31%
Annual Average Daily Traffic (AADT)	ODOT	Maximum volume along the roadway segment	39%

[a] Number of sidewalks is based on spatial analysis of crashes to sidewalk line files. Maximum number of sidewalks on a segment is two, maximum number at an intersection is eight.

Evaluation Tools

All data elements not included in the crash database were spatially joined using GIS.

All trend analysis was completed using crash trees and pivot tables within Excel.

To capture both frequency and severity of crashes, an Equivalent Property Damage Only (EPDO) score was calculated. The EPDO method is a useful way to consider both crash frequency and crash severity in a single metric. Each crash is assigned a score based on severity. Property Damage Only (PDO) crashes are assigned a score of 1, non-serious injury crashes are assigned a score of 10, and severe injury and fatal crashes are assigned a score of 100. (These relative weighting factors are consistent with the ODOT Safety Priority Index System calculations.) These scores are then aggregated for different risk factors as part of the evaluation process, thereby ensuring that the risk factor identification process isn't driven solely by crash frequency.

Where are pedestrian crashes happening?

Nearly 93% of all pedestrian crashes occurred in urban areas, with the remaining 6% in rural areas. Nearly 40% of all pedestrian crashes across the state occurred on urban arterial roadways (relatively even split between major and minor arterials), and half of those roadways had a posted speed limit of 30 mph or 35 mph. Other notable trends include:

- 30% occurred in large urban areas (population greater than 200,000)
- 58% of all pedestrian crashes occurred at urban intersections, while nearly 63% of urban crashes occurred at intersections (as defined within the crash record). In these crashes, the pedestrian was within the crosswalk over 75% of the time. 41% of urban intersection crashes involved left-turning vehicles, 32% involved vehicles traveling straight, and 21% involved vehicles turning right. Over half of all urban intersection crashes occurred at signalized intersections. At these urban signalized intersection, the pedestrians were in the crosswalk over 90% and the predominant vehicle movement was left-turning (49%), followed by straight and right-turning vehicles (about 25% each).
- For urban segment crashes (all crashes not occurring at an intersection, as defined within the crash record), the pedestrians were predominantly crossing the road outside of a crosswalk (70%), 20% were on the shoulder or sidewalk, and 5% were using a midblock crossing. Over 75% of urban segment crashes involved a vehicle traveling straight.

In rural areas, approximately 25% of pedestrian crashes occurred at intersections while 75% occurred on segments (23% of rural segment crashes involved a pedestrian on the shoulder or sidewalk, 65% were crossing the roadway, and the remainder were outside of the roadway boundaries). Rural pedestrian crashes on segments most commonly occurred on principal arterials (35%) and major collectors (24%).

General Risk Factors

Functional Classification and Posted Speed

Functional Classification	Number of Crashes	Percent of Crashes	EPDO/Crash
Urban Principal Arterial	3268	36.83%	29.8
Urban Minor Arterial	2461	27.74%	25.3
Urban Collector	1199	13.51%	23.7

Urban Local	914	10.30%	21.7
Rural Principal Arterial	217	2.45%	47.3
Urban Major Collector	363	4.09%	21.4
Rural Major Collector	171	1.93%	36.3
Rural Minor Collector	117	1.32%	39.9
Rural Local	113	1.27%	36.2
Rural Minor Arterial	33	0.37%	37.3
Urban Minor Collector	17	0.19%	15.3

Approximately 65% of all pedestrian crashes occurred on urban arterials (major and minor). Only about 7% of all pedestrian crashes occurred on rural facilities, however their relative severities are much higher (as indicated by the higher EPDO scores per crash), which is likely related to the differences in typical higher operating speeds in rural segments.

On urban roadways, the average posted speed at crash locations ranges from 27 mph to 35 mph across all functional classifications. On rural roadways, the range of speeds is similar however the magnitude is much greater, ranging from 35 mph to 47 mph. Within the same functional classification, crashes on rural roadways are associated with substantially higher average speeds than urban roadways (as much as 13 mph higher). This is directly correlated with the higher relative crash severity on the different roadway types, as noted by the average EPDO score per crash.

Functional Classification	**Urban**		**Rural**	
	EPDO/Crash	***Avg. Posted Speed (mph)***	***EPDO/Crash***	***Avg. Posted Speed (mph)***
Principal Arterial	32.4	35.2	48.6	47.2
Minor Arterial	29.1	32.3	40.2	44.3
Major Collector	22.8	28.7	37.7	41.8
Minor Collector	25.9	30.4	36.5	41.8
Local	23.5	27.5	30.2	35.7

On urban roadways, there is a noticeable increase in the frequency of crashes occurring on 35 mph over 30 mph. On rural roadways, the highest number of crashes occurred on roadways with posted speeds of 55 mph (223 crashes), 25 mph (78 crashes), and 45 mph (66 crashes). It should be noted that there are relatively few rural roadways with a posted speed limit of 25 mph, yet a relatively high proportion of crashes occurred at locations with a 25 mph posted speed. This is likely related to the fact that land uses associated with lower speed roads (residential, downtowns, school zones) are also higher generators of pedestrian traffic.

Number of Lanes

Across the state, approximately 57% of pedestrian crashes occurred on 2-lane roadways and 34% occurred on 4-lane roadways. Rural 4-lane segments experienced the highest average severity per crash, while urban intersections on 2-lane roadways had the lowest average severity per crash. In both urban and rural areas, pedestrian crashes most commonly occurred on 2-lane and 4-lane roadways, however crashes on 4-lane and 5-lane roadways had noticeably higher severities. In contrast, the highest frequency of fatal and severe pedestrian

crashes occurred on urban 2-lane roads (362 crashes), urban 4-lane roads (360 crashes), and rural 2-lane roads (157 crashes).

Time of Day

In both urban and rural areas, intersection crashes most often occurred in daylight while almost half of segment crashes occurred at night (in dark conditions with or without street lighting). In both areas, crashes at night were significantly more severe (EPDO/crash scores are up to 15 points higher at night than during daylight).

Lighting Condition	**Urban**		**Rural**	
	Intersection	***Segment***	***Intersection***	***Segment***
Dark	37%	42%	33%	47%
Daylight	55%	49%	58%	45%
Dawn/Dusk	8%	9%	9%	7%

Zoning

Crashes on urban roadways most commonly occurred in areas with mixed-use zoning (44%), followed by residential (26%), and commercial (21%). Not surprisingly, rural zoning trends were much different. The highest number of rural crashes occurred in other (37%), followed by farm use (127%), commercial (22%), and residential (11%). These trends are not significantly different for crashes at intersections versus along segments.

Sidewalks

Sidewalk data was provided for the Bend, Eugene, and Portland metro areas. Within those urban areas, approximately 31% of crashes occurred at locations with no sidewalks or sidewalks on only one side of the road. That percentage jumps to over 67% when looking only at urban segment crashes. For intersection crashes in these urban areas, nearly 69% occurred at locations with four or more sidewalks nearby (e.g., two legs with sidewalks on both sides, or sidewalks on a single side of all four legs, or other combinations). Only 3% of intersection crashes in these urban areas occurred at locations with at least eight sidewalks (sidewalks on both sides of all four legs).

Transit and Schools

Across the state, 47% of crashes occurred within ¼ mile of a transit stop and 62% occurred within one mile of a school. Even though transit is typically considered an urban amenity, 30% of rural crashes occurred in the vicinity of a transit stop. Only 22% of rural crashes occurred in the vicinity of a school.

Approximately 94% of crashes in the Bend, Eugene, and Portland urban areas occurred within ¼ mile of a transit stop. Unfortunately, this large proportion makes it impractical to further investigate how the presence of a pedestrian generator like transit combined with the presence or lack of sidewalks may contribute to crashes. However, the relationship between sidewalks and schools as a pedestrian generator could be further investigated. Approximately 42% of crashes in the Bend, Eugene, and Portland urban areas occurred within 1/4 mile of a school. A slightly higher percentage of crashes occurred at locations without sidewalk facilities when no school was nearby (24%) compared to when a school was nearby (19%). This is likely related to improved infrastructure and a higher number of sidewalk facilities in the vicinity of schools.

Risk Factors at Urban Intersections

There were 5,157 pedestrian crashes at urban intersections during the study period.

Traffic Control

Roughly 54% of all pedestrian crashes at urban intersections occurred at signalized locations, followed by stop controlled locations (25%) and uncontrolled locations (8%). However, it is important to note that the severity of crashes at those three intersection types is inversely proportional to the frequency of crashes (pedestrian crashes at signalized intersections were generally less severe than those at stop controlled and uncontrolled locations).

Posted Speed

Of the crashes with posted speed information available, approximately 35% occurred on roadways with a posted speed of 35 mph, followed by 25 mph (26%) and 30 mph (16%). The EPDO score per crash is noticeably lower at locations with a posted speed of 30 mph or less compared to those with a posted speed of 35 mph or greater.

Pedestrian Facilities

As mentioned previously, sidewalk information was only provided for the urban areas of Bend, Eugene, and Portland. Approximately 45% of all pedestrian crashes at urban intersections in these areas occurred at locations with three or fewer sidewalks, which suggests that, at most, three legs of the intersection had a sidewalk on one side of the roadway. Approximately 7% of crashes in these urban areas occurred at a location with no sidewalks.

Vehicle and Pedestrian Movements/Actions

As stated previously, pedestrian crashes at urban intersections involved a pedestrian who was within the crosswalk over 75% of the time. In over 70% of those crashes, no error was attributed to the pedestrian. 12% of the crashes stated the pedestrian was not visible, 5% stated the pedestrian was illegally in the roadway, and over 10% cited errors related to right-of-way including disregarding the traffic signal (4%), did not yield right of way (3%), and disregarding the R-A-G traffic signal (3%).

At both stop controlled and signalized urban intersections, crashes involving vehicles traveling straight were generally more severe than vehicles making turning movements. However, nearly 50% of all pedestrian crashes at urban signalized intersections involved a left-turning vehicle. The drivers of those vehicles failed to yield right of way in 86% of the crashes.

Vehicle Movement	Number of Crashes	Percent of Crashes	EPDO/Crash
Traffic Signals			
Turning Left	1379	49%	17.6
Straight Ahead	691	25%	30.7
Turning Right	706	25%	16.5
Stop Signs			
Straight Ahead	565	44%	27.3
Turning Left	418	33%	19.0
Turning Right	275	22%	16.8

Adjacent Land Use

Pedestrian crashes at urban intersections most commonly occurred in areas with mixed-use zoning (37%), followed by other zoning (27%), residential zoning (18%) and commercial zoning (16%). Of pedestrian crashes that occurred at urban intersections, 88% occurred within ¼ mile of a transit stop and 65% occurred within 1 mile of a school.

Risk Factors on Urban Segments

There were 3,065 pedestrian crashes on urban segments during the study period.

Functional Classification

Over 64% of pedestrian crashes on urban segments occurred on arterials (38% on principal arterials, 25% on minor arterials). The severity of crashes on principal arterials is significantly higher than on any other functional classification.

Posted Speed

Of the urban segment crashes with posted speed information available, nearly 37% occurred on roadways with a posted speed of 35 mph, followed by 25 mph (22%) and 25 mph (12%). There is a noticeable spike in crash severity at speeds of 35 mph or greater.

Pedestrian Facilities

Of the crashes in which a pedestrian was in the shoulder, the shoulder width was less than 4 feet wide in 75% of those instances. Over 22% of pedestrian crashes on urban segments (in Bend, Eugene, and Portland) occurred on roadways with no sidewalk facilities, and another 45% of locations had a sidewalk on only one side of the road. Less than 5% of pedestrian crashes on urban segments occurred within a mid-block crosswalk, approximately 23% involved a pedestrian outside of the roadway (either on the sidewalk, shoulder, or outside roadway boundaries), and over 70% involved a pedestrian in the vehicle travel way.

Vehicle and Pedestrian Movements/Actions

In approximately 47% of pedestrian crashes on urban segments, the pedestrian was illegally in the roadway (not at an intersection). This percentage jumps to 61% when the crash involved a vehicle traveling straight. For turning related crashes, a larger proportion of drivers failed to yield right-of-way (66% of left-turn crashes and 83% of right-turn crashes).

In crashes where the pedestrian was on the sidewalk when they were struck, 48% involved a right-turning vehicle, 21% involved a left-turning vehicle, and 19% involved a vehicle traveling straight. The frequency of these crashes is inversely proportional to the relative severity of the crashes, with right-turning crashes resulting in lower severity injuries than left-turning and straight-ahead crashes.

In crashes where the pedestrian was in a midblock crosswalk when they were struck, 81% involved a vehicle traveling straight, followed by 12% involving a left-turning vehicle and 6% involving a right-turning vehicle. Crashes involving a vehicle traveling straight were significantly more severe than turning crashes.

Adjacent Land Use

Pedestrian crashes on urban segments most commonly occurred in areas with mixed-use zoning (35%), residential zoning (30%), and commercial zoning (24%). Of pedestrian crashes

that occurred on urban segments, 85% occurred within ¼ mile of a transit stop and 61% occurred within 1 mile of a school.

Access Density

Access location information was provided for state highways. From this information, an access density per mile was calculated for the roadways segment on which a crash occurred. Of the urban segment crashes that occurred on state highways, 10% were not within the vicinity of a driveway, and another 8% occurred in an area where there were between 10-20 access points per mile. Over 75% of urban segment crashes occurred on roadways with 40 or more access points per mile, which is typically considered a very high density.

Vehicle Volume

AADT counts were provided for state highways. The highest percentage of urban segment crashes occurred on principal arterials with a daily volume ranging from 10,000-25,000 (46%) and on principal arterials with a daily volume between 25,000 and 50,000 (22%). It is interesting to note that the highest severity crashes occurred on minor arterials with a high-volume (25,000-50,000 AADT), though the sample size for this data combination is small.

Risk Factors on Rural Segments

There were only 486 crashes on rural segments during the study period, however these crash types are associated with some of the highest EPDO scores per crash and are thus worthy of further investigation.

Functional Classification

Approximately 35% of pedestrian crashes on rural segments occurred on principal arterials, 24% on major collectors, 19% on local streets, and 17% on minor arterials. The severity of segment crashes on principal arterials is significantly higher than on any other functional classification.

Number of Lanes and Medians

Approximately 84% of rural segment crashes occurred on 2-lane roadways. 98% of rural segment crashes occurred on undivided roadways.

Posted Speed

The greatest proportion of rural segment crashes occurred on roadways with a posted speed of 55 mph (54%), followed by 45 mph (14%) and 25 mph (8%). Rural segment crashes on roadways with a posted speed greater than 40 mph had significantly higher EPDO scores per crash than any other speed categories.

Pedestrian Facilities

Over 76% of rural segment crashes (where shoulder width information was available) occurred on roadways with no shoulder. Only 8% of rural segment crashes occurred on roadways with a shoulder width of 4 feet or greater, however 18% of rural segment crashes stated that the pedestrian was on the shoulder when struck. Less than 1% of rural segment crashes involved a pedestrian that was in a midblock crosswalk.

Time of Day

Approximately 48% of rural segment crashes occurred at night while 45% occurred during the day. Nighttime rural segment crashes were significantly more severe than daytime crashes.

Vehicle and Pedestrian Movements/Actions

There was a fairly even distribution of rural segment crashes in which the pedestrian was illegally in the roadway (43%) or the pedestrian was not at fault (42%).

Of all rural segment crashes, 88% involved a vehicle traveling straight ahead. In 57% of those crashes, the pedestrian was in the roadway (not at an intersection). There was insufficient data to further investigate trends with turning vehicles.

Adjacent Land Use

Pedestrian crashes on rural segments most commonly occurred in areas with other zoning (41%), followed by farm use zoning (32%) and commercial zoning (15%).

Access Density

Access location information was provided for state highways. From this information, an access density per mile was calculated for the roadways segment on which a crash occurred. Of the rural segment crashes that occurred on state highways, 30% were not within the vicinity of a driveway, 10% occurred in an area where there were approximately 10 access points per mile, and another 10% occurred where there were approximately 20 access points per mile. Over 40% of rural segment crashes occurred on roadways with 40 or more access points per mile, which is typically considered a very high density.

Vehicle Volume

AADT counts were provided for state highways, however the number of rural segment crashes for which volume data is available is relatively small (221 crashes). Similar to urban trends, the highest percentage of rural segment crashes occurred on principal arterials, though the volume ranges are much lower – 34% occurred on roadways with a daily volume between 1,000 and 10,000, and 21% occurred on roadways with a daily volume between 10,000 and 25,000. Both of these functional classification and vehicle volume combinations also had very high EPDO/crash scores. Another 24% of rural segment crashes occurred on minor arterials with a daily volume between 1,000 and 10,000. Contrary to urban trends, the correlation between volume-to-capacity and crash severity is not significant for rural segments, though that may be due to limited sample size.

Attachment B
Risk Factor Screening Methodology

Methodology

Step 1

The roadway characteristic or contextual data associated with each risk factor was isolated to identify the roadway segments or areas (in the case of buffers around school or zoning) that met each individual criteria. The ten risk factors and the context (urban/rural) that they apply to is sketched below:

1. Principal Arterials – Both
2. Four or More Lanes – Both
3. High Access Density (50+ per mile – Urban
4. Lack of Sidewalk on One or Both Sides – Urban
5. Posted Speed of 35 mph or Higher – Both
6. Mixed-Use Zoning – Urban
7. Other Zoning – Rural
8. Proximity to Schools (1 mile) – Both
9. Proximity to Transit ¼ mile – Both
10. Over 64 Top 2 Quintile Block Group – Both

Step 2

The segments associated with each risk factor were then consolidated. This was done as follows based on the risk factor type:

1. Roadway Characteristic Risk Factors: ODOT facilities meeting each individual risk factor criteria were isolated into a unique layer and contiguous roadway segments were dissolved by the highway LRM key to develop a summary file of each segment that represented the risk factor.
2. Area Characteristic Risk Factors: The ODOT highway network was intersected with the polygons representing locations meeting the risk factors (e.g., block groups in the top 2 quintiles of over 64 aged population). A small buffer (50 feet) was applied to these areas to ensure that the highway centerline was accurately captured due to parcel and block group boundaries often slightly differing from roadway network data. The resulting contiguous roadway segments were then dissolved by LRM key to create the highway segments that were associated with the area-based risk factor.

Step 3

Each of the ten new layers was “tagged” with a field presenting the presence of the risk factor.

Step 4

The ten layers were then spatially intersected with each other to develop a composite pedestrian risk factor layer. The segmentation of the resulting layer represents where a naturally occurring break in the ODOT highway network already exists **OR** where there is a change in the number of risk factors present along the segment. The segmentation breaks occur when any of the risk factors change along a corridor.

Step 5

The roadway segments were then spatially joined to the Federal Urban Aid boundaries to identify any segments that are in or partially within a Federal Urban Aid area. In the urban layer, the urbanized area is described with the Name, Type, and Description fields from the federal urban aid boundary layer.

Step 6

Risk factors weights were then calculated for each risk factor based on the average EPDO per crash for crashes within each location context (urban/rural). Weights were index to the lowest risk factor using the EPDO per crash value by location context (i.e., mixed use zoning in urban areas, transit stops in rural areas). Based on the relative EPDO per crash score for the risk factor weight for that characteristic is calculated (e.g., for rural principal arterials: 47.33 (principal arterials EPDO) / 32.31 (transit EPDO) = 1.46 (principal arterial weight). See the table below for the values used for the weights. The Over 64 population risk factor was also scored with a weight of "1" due to its addition to the risk factor prioritization analysis.

Step 7

Each segment was then "scored" using the risk factor prioritization weights. Where the risk factor was present, the segment received weigh was calculated into the column containing that risk factors indicator (e.g., RF1_PrinArt for Principal Arterials) – where the risk factor was not present, the field is calculated as zero.

Step 8

The total risk factor prioritization score (Rural_Score or Urban_Score) was then calculated by adding the value of all of the risk factors for the location context. Note that three of the risk factors only apply in urban areas and one only applies in rural areas.

Step 9

All segments were dissolved based on the individual risk factor scores and total score to simplify any segments into a single segment when the risk factors present were exactly the same for contiguous segments on the roadway network. Where total scores are the same but the risk factors present differ, segments are not dissolved to maintain the ability to understand the presence/absence of individual risk factors across the statewide dataset.

Step 10

Each location context prioritization (rural/urban) was then symbolized by total risk factor score quintiles to identify the locations with the highest potential for addressing multiple risk factors.

			Urban			Rural			Risk Factor Weights	
#	Risk Factor	Facility Type	Crashes	EPDO	EPDO/Crash	Crashes	EPDO	EPDO/Crash		
	ALL CRASHES	General	8,222	215,771	26	651	26,472	40.66		
	Roadway Characteristic								**Urban**	**Rural**
1	Principal Arterial	General	3,268	97,300	29.77	217	10,270	47.33	1.24	1.46
2	Number of Lanes (>= 4 Lanes)	Segment	1,283	47,903	37.34	55	3,070	55.82	1.55	1.73
3	High-Access Density	Segment	566	22,292	39.39	--	--	--	1.64	--
4	No Sidewalks (or only one side)	Segment	2,353	77,926	33.12	--	--	--	1.38	--
5	Posted Speed (>= 35 mph)	Segment	1,165	51,223	43.97	315	16,560	52.57	1.83	1.63
	Context									
6	Mixed Use Zoning	General	2,600	62,468	24	--	--	--	1.00	--
7	Other Zoning	General	--	--	--	149	6,971	46.79	--	1.45
8	Proximity to Schools (1 mile)	General	3,703	91,358	25	139	5,260	37.84	1.03	1.17
9	Proximity to Transit Stops (1/4 mile)	General	7,206	186,243	26	169	5,461	32.31	1.08	1.00
10	Over 64 Top 2 Quintile Block Group	General	--	--	--	--	--	--	1.00	1.00
							Total Potential Score		11.74	9.44

Attachment C
Countermeasure List and Descriptions

Counter measure #	ARTS # (if applicable) or Source	Countermeasure	CRF	Potentially Affected Crash Types	Application of Countermeasure
1	BP1	Install Pedestrian Countdown Timer(s)	70	All pedestrian crashes at intersections	Consider at signalized intersections that currently do not have them.
2	BP2	Provide Intersection Lighting	42	All pedestrian crashes at intersections	Consider at intersections that currently do not have lighting
3	BP3	Install Urban Leading Pedestrian interval at Signalized Intersections	37	Pedestrian crossings vs. turning vehicle at signalized intersections	Consider at signalized intersections with high turning volumes
4	BP4	Install No Pedestrian Phase Feature with Flashing Yellow Arrow	43	Pedestrian crossings vs. left-turning vehicle at intersections	Consider at intersections with flashing yellow arrow operations
5	BP7	Install Pedestrian Refuge Island	31	Pedestrian crossing vs. through vehicle at unsignalized and midblock crossings	Consider at mid-block crossings or unsignalized intersections where there is space (i.e., a median or two-way left-turn lane is present). Consider potential impacts to motor vehicle left-turns in selecting locations.
6	BP8	Install Rectangular Rapid Flashing Beacon (2-Lane Road)	10	Midblock crossings and pedestrian crossings vs. through vehicles at unsignalized intersections.	Consider at mid-block or unsignalized crossings where additional visibility is warranted (i.e., moderate or high motor vehicle volumes, speeds, and/or crossing demand) on 2-lane roadways
7	BP8A	Install Pedestrian Activated Beacon at Intersection	10	Midblock crossings and pedestrian crossings vs. through vehicles at unsignalized intersections.	Consider at mid-block or unsignalized crossings where additional visibility is warranted (i.e., moderate or high motor vehicle volumes, speeds, and/or crossing demand)
8	BP9	Install Rectangular Rapid Flashing Beacon without Median (3-Lane or More Roadway)	10	Midblock crossings and pedestrian crossings vs. through vehicles at unsignalized intersections.	Consider at mid-block or unsignalized crossings where additional visibility is warranted (i.e., moderate or high motor vehicle volumes, speeds, and/or crossing demand) on roadways with 3 or more lanes where there is not space for a median refuge island or one is undesirable for other reasons
9	BP9A	Install Pedestrian Activated Beacon at Midblock	10	Midblock crossings and pedestrian crossings vs. through vehicles at unsignalized intersections.	Not used
10	BP10	Install Rectangular Rapid Flashing Beacon with Median (3-Lane or More Roadway)	56	Midblock crossings and pedestrian crossings vs. through vehicles at unsignalized intersections.	Consider at mid-block or unsignalized crossings where additional visibility is warranted (i.e., moderate or high motor vehicle volumes, speeds, and/or crossing demand) on roadways with 3 or more lanes where there is space and opportunity for a median refuge island
11	BP10A	Install Pedestrian Activated Beacon (flashing Beacon in conjunction with median and stop bar)	56	Midblock crossings and pedestrian crossings vs. through vehicles at unsignalized intersections.	Not used
12	BP11	Install Continental Crosswalk Markings and Advance Pedestrian Warning Signs at Uncontrolled Locations	15	Midblock crossings and pedestrian crossings vs. through vehicles at unsignalized intersections.	Consider at uncontrolled crossing locations that currently do not have them and there is likely to be crossing demand
13	BP12	Install Curb Ramps and Extensions with a Marked Crosswalk and Pedestrian Warning Signs	37	Midblock crossings and pedestrian crossings vs. through vehicles at unsignalized intersections.	Consider at unsignalized intersections when on-street parking is present or when space is available
14	BP13	Install Advance Pedestrian Warning Signs	5	Midblock crossings and pedestrian crossings vs. through vehicles at unsignalized intersections.	Consider at unsignalized crossings that are already marked but do not have adwance warning signs
15	BP14	Install Pedestrian Signal	55	Midblock crossings and pedestrian crossings vs. through vehicles at unsignalized intersections.	Consider at mid-block or unsignalized crossings where additional visibility is warranted (i.e., moderate or high motor vehicle volumes, speeds, and/or crossing demand) and where MUTCD signal warrant is met.
16	BP15	Install Pedestrian Hybrid Beacon	55	Midblock crossings and pedestrian crossings vs. through vehicles at unsignalized intersections.	Consider at mid-block or unsignalized crossings where additional visibility is warranted (i.e., moderate or high motor vehicle volumes, speeds, and/or crossing demand) and where MUTCD PHB warrant is met.
17	BP16	Convert 4-Lane Roadway to 3-Lane Roadway with Center Turn Lane (Road Diet)	29	Vehicle vs. pedestrian crossing major street (intersection). Vehicle versus midblock pedestrian crossing (if other treatments also provided)	Consider along 4-lane undivided roadways

Counter measure #	ARTS # (if applicable) or Source	Countermeasure	CRF	Potentially Affected Crash Types	Application of Countermeasure
18	BP21	Prohibit Right-Turn-On-Red	41	Pedestrian crossings vs. right-turning vehicle at signalized intersections	Consider at signalized intersections with high turning volumes
19	BP22	Advanced Yield and Stop Markings & Signs	25	Midblock crossings and pedestrian crossings vs. through vehicles at unsignalized intersections.	Consider at unsignalized crossings that are already marked but do not have adwance warning signs
20	BP24	Install Raised Crosswalk	30	Midblock crossings and pedestrian crossings vs. through vehicles at unsignalized intersections.	Consider at mid-block or unsignalized crossings with low vehicular volumes and speeds
21	BP25	Install Speed Humps/Table (not on state highways)	15	Midblock crossings and pedestrian crossings vs. through vehicles at unsignalized intersections.	Consider along roadway segments with low vehicular volumes ands peeds
22	FHWA: Proven Safety Countermeasures	Install Parking Restrictions (at Crossing Locations)	.	Midblock crossings and pedestrian crossings vs. through vehicles at unsignalized intersections where on-street parking is allowed.	Consider at mid-block or unsignalized crossings with on-street parking that is close to the crossing
23	FHWA: Proven Safety Countermeasures	Install Automated Pedestrian Detection	.	All pedestrian crashes at signalized intersections	Consider at signalized intersections with pushbuttons that are not typically actuated
24	FHWA: Proven Safety Countermeasures	Install Pedestrian Scramble (Exclusive Pedestrian Phase) at signalized intersections	.	Pedestrian crossings vs. turning vehicle at signalized intersections	Consider at signalized intersections with high crossing volmes (i.e. urban downtown areas)
25	CMFClearinghouse	Allow parking on both sides of road (Traffic Calming)	52	Pedestrian segment crashes	At streets without on-street parking but with the width to provide it (or where space could be reallocated to provide it)
26	CMFClearinghouse	Implement Safe Routes to School Program	Range	Pedestrian network safety	Implement Safe Routes to School Plan for schools that current do not have them
27	CalTrans	Add sidewalks (Urban Areas)	80	Segment crashes	Consider sidewalks along roadway segments that currently do not have them
28	FHWA STEP	In-Street Pedestrian Crossing Signs	*	Midblock crossings and pedestrian crossings vs. through vehicles at unsignalized intersections.	Consider in-street pedestrian crossing signs at mid-block or unsignalized intersections with marked crossings and low-moderate vehicular volumes and speeds
29	I4	Replace Urban Permissive or Protected/Permissive Left Turns to Protected Only	99	Turning vehicle vs. bicycle and pedestrian at intersection	Consider at signalized intersections with heavy left-turning and crossing volumes
30	I4A	Protected Left Turn - Split Side Street Signal Phasing	70	Left-turning vehicle vs. pedestrian and bicycle crashes at signals	Consider at signalized intersections with heavy left-turning and crossing volumes
31	H16	Install Roundabout from Minor Road Stop Control	82	Bicycle and pedestrian vs. left-turning and through vehicles at intersections	Consider at unsignalized intersections
32	H17	Install Roundabout from Signalized Intersection	78	Bicycle and pedestrian vs. left-turning and through vehicles at intersections	Consider at signalized intersections
33	H20	Install urban traffic signal	67	Bicycle and pedestrian vs. turning vehicle at intersection	Consider at unsignalized intersections in urban context where MUTCD warrants are met
34	H20	Install urban traffic signal	-143	Bicycle and pedestrian vs. turning vehicle at intersection	Consider at unsignalized intersections in urban context where MUTCD warrants are met
35	H21	Install rural traffic signal	77	Bicycle and pedestrian vs. turning vehicle at intersection	Consider at unsignalized intersections in rural context where MUTCD warrants are met
36	H21	Install rural traffic signal	-58	Bicycle and pedestrian vs. turning vehicle at intersection	Consider at unsignalized intersections in rural context where MUTCD warrants are met
37	H30	Reduce urban driveway density from 48 to 26 to 48 per mile	29	Vehicle vs. bicycle or vehicle vs. pedestrian crashes at driveways	Consider on roadway segments with high driveway density
38	H31	Reduce urban driveway density from 26 to 48 to 24 per mile	31	Vehicle vs. bicycle or vehicle vs. pedestrian crashes at driveways	Consider on roadway segments with high driveway density

Counter measure #	ARTS # (if applicable) or Source	Countermeasure	CRF	Potentially Affected Crash Types	Application of Countermeasure
39	H32	Reduce urban driveway density from 10 to 24 to less than 10 per mile	25	Vehicle vs. bicycle or vehicle vs. pedestrian crashes at driveways	Consider on roadway segments with high driveway density
40	H33	Provide a Raised Median, Urban 2-Lane Road	39	Bicycle and pedestrian vs. through vehicle at mid-block or intersections	Consider on 2-lane urban roadways that currently do not have them
41	H34	Provide a Raised Median, Urban Multi-Lane Road	22	Bicycle and pedestrian vs. through vehicle at mid-block or intersections	Consider on multi-lane urban roadways that currently do not have them
42	H35	Provide a Raised Median, Rural Multi-Lane Road	12	Bicycle and pedestrian vs. through vehicle at mid-block or intersections	Consider on multi-lane rural roadways that current do not have them
43	H43	Convert from Urban Two-Way to One-Way Traffic	47	Vehicle vs. bicycle segment and vehicle vs. pedestrian and bicycle crossing major street (intersection)	Consider on urban two-way roadways when coupled with parallel roadway
44	RD18	Install widen paved shoulder by 1 ft.	6	Vehicle vs. bicycle and pedestrian segment crashes	Consider on roadway segments with narrow shoulders
45	RD19	Install widen paved shoulder by 2 ft.	13	Vehicle vs. bicycle and pedestrian segment crashes	Consider on roadway segments with narrow shoulders
46	RD20	Install widen paved shoulder by 3 ft.	18	Vehicle vs. bicycle and pedestrian segment crashes	Consider on roadway segments with narrow shoulders
47	ODOT BUD	Street Trees			Consider on roadway segments that currently do not have them
48	ODOT BUD	Lane narrowing			Consider on roadway segmetns when lane width exceeds standard width

ODOT's HSIP Countermeasures and Crash Reduction Factors

The intent of the Crash Reduction Factor (CRF) countermeasure table is to provide safety practitioners intending to use HSIP funding with a list of effective countermeasures that are appropriate remedies to many common safety issues. The countermeasures have been sorted into 2 primary categories: countermeasures eligible for Systemic Funding and countermeasures eligible for Hotspot Funding. Systemic Funding is further divided into Roadway Departure, Intersection or Bicycle & Pedestrian for informational use only. *It is important to note that all Systemic countermeasures may be used for Hotspot projects but Hotspot countermeasures cannot be used for Systemic projects*

The CRF Appendix describes in more detail where the countermeasure should be used, why they are effective and potential impediments to the implementation. The tables also include information on the type of crashes where the countermeasure is best used, the CRF value to use in the benefit-cost analysis and the acknowledged range of their overall effectiveness based on the research available.

The fixed set of CRFs included in these tables are intended to allow for all projects to be evaluated consistently and fairly throughout the project selection process. ODOT recognizes that there are many non-infrastructure and Bicycle/Pedestrian countermeasures that are not included on the list where CRF's have not been established yet. This list will be periodically reevaluated by ODOT to include more recent and/or reliable CRF countermeasures and values as new safety research data becomes available. ODOT is interested in any feedback and suggestions from safety practitioners on the overall countermeasure list as well as specific details of individual countermeasures. During the STIP Development Process, ODOT will take suggestions for countermeasures not on the list for Hotspot projects only. Please use the form provided at this website to submit your suggestion:

http://www.oregon.gov/ODOT/Engineering/TRSDocs/New_CRF_Form.pdf. Please send all other feedback and suggestions to Christina McDaniel-Wilson (christina.a.mcdaniel-wilson@odot.state.or.us). They will be considered for inclusion in the next HSIP process for the next STIP cycle.

Where not otherwise specified, ODOT used the following references to establish the summarized CRF List and Appendix. Safety Practitioners are encouraged to utilize these references to better understand the listed countermeasures and the details surrounding their conception.

The Crash Modification Factors Clearinghouse
http://www.cmfclearinghouse.org/

Highway Safety Manual (HSM), First Edition, 2010
http://www.highwaysafetymanual.org

FHWA Desktop Reference for Crash Reduction Factors
http://safety.fhwa.dot.gov/tools/crf/resources/fhwasa08011/

A majority of our countermeasure guidance is taken directly from FHWA's website and the 2014 FHWA Publication: Manual for Selecting Safety Improvements on High Risk Rural Roads
This publication can be found at: http://safety.fhwa.dot.gov/hsip/hrrr/manual/hrrr_2014.pdf

HOTSPOT COUNTERMEASURES

Name: Install Roundabout from Minor Road Stop Control	ODOT Countermeasure Number: H16

What is it: A modern roundabout is a type of circular intersection defined by the basic operational principle that entering traffic yields to vehicles on the circular roadway.



Photo from FHWA

Where to use: Roundabouts should be considered for all existing unsignalized intersections that have been identified as needing major safety or operational improvements. Typical crash patterns that could be resolved with a roundabout are higher than expected speed related, angle and/or turning crashes.

Why it works: Roundabout intersections eliminate a number of vehicle conflict points (up to 75%) typically associated with traditional intersections. They also enhance safety by reducing vehicle speeds (more typical in rural settings) both in and through the intersection and by changing the crash type from angle to sideswipe, which typically results in less severe crashes.

Impediments to Implementation: Roundabouts require a significant amount of public outreach and education in addition to requiring a larger geometric footprint than a typical intersection.

General Notes: Map-21 Legislation declares a National focus to reduce Fatalities and Severe (Injury A) crashes on our roadways. Roundabouts are one of the primary tools we can use to reduce severity of crashes and meet this National goal.

Crash Types Addressed	Severity Type Addressed
All Crashes	All Injury (Not PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
19 - 82%	82%

References: Highway Safety Manual, Applying Roundabouts in the United States (NCHRP Report 572)

Name: Install Roundabout from Signalized Intersection	ODOT Countermeasure Number: H17

What is it: A modern roundabout is a type of circular intersection defined by the basic operational principle that entering traffic yields to vehicles on the circular roadway.



Photo from FHWA

Where to use: Roundabouts should be considered for all existing signalized intersections that have been identified as needing major safety or operational improvements that cannot be resolved by signalized intersection modifications. Typical crash patterns that could be resolved with a roundabout are higher than expected speed related, angle and/or turning crashes.

Why it works: Roundabout intersections eliminate a number of vehicle conflict points (up to 75%) typically associated with traditional intersections. They also enhance safety by reducing vehicle speeds (more typical in rural settings) both in and through the intersection and by changing the crash type from angle to sideswipe, which typically results in less severe crashes.

Impediments to Implementation: Roundabouts require a significant amount of public outreach and education in addition to requiring a larger geometric footprint than a typical signalized intersection.

General Notes: Map-21 Legislation declares a National focus to reduce Fatalities and Severe (Injury A) crashes on our roadways. Roundabouts are one of the primary tools we can use to reduce severity of crashes and meet this National goal.

Crash Types Addressed	Severity Type Addressed
All Crashes	All Injury (Not PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
48 - 78%	78%

References: Highway Safety Manual, Applying Roundabouts in the United States (NCHRP Report 572)

Name: Install Urban Traffic Signal	ODOT Countermeasure Number: H20

What is it: Traffic Signals are a traffic control device positioned on roadways to efficiently control and manage competing flows of traffic (vehicles, pedestrians and/or bicycles).



Photo from Google

Where to use: Where an intersection is experiencing a higher than expected frequency of right angle crashes with adequate sight distance to that intersection from all approaches.

Why it works: Traffic signals help to assign right of way to traffic movements which helps to reduce right angle crashes at intersections.

Impediments to Implementation: It is important that the existing intersection crash patterns are related to failing to yield to right of way as opposed to failing to yield to slowing traffic as a signal installation will likely increase the latter.

General Notes: While signals decrease the potential for angle crashes, simultaneously they increase the potential for rear end crashes. It is also important to note that rear end crashes in high speed corridors typically result in more severe crashes than in lower speed corridors. Benefit/Cost Analysis using this countermeasure shall include BOTH CRF values listed below, one for decreasing angle crashes and the other for increasing rear end crashes, to best represent the expected changes in safety with installation.

The MUTCD lists nine warrants for the placement of traffic signals, which should be reviewed as installation of this treatment is considered. State Traffic Engineer Approval and warrant analysis is REQUIRED for all potential signal installations on the State Highway.

Crash Types Addressed	Severity Type Addressed
Angle & Rear End	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
-143 - 77%	67% (Angle) & -143% (Rear End)

References: Highway Safety Manual, Accident Modification Factors for Traffic and ITS Improvements (NCHRP Report 617), Safety Effects of Left-Turn Phasing Schemes at High-Speed Intersections

Name: Install Rural Traffic Signal	ODOT Countermeasure Number: H21

What is it: Traffic Signals are a traffic control device positioned on roadways to efficiently control and manage competing flows of traffic (vehicles, pedestrians and/or bicycles).



Photo from Google

Where to use: Where an intersection is experiencing a higher than expected frequency of right angle crashes with adequate sight distance to that intersection from all approaches.

Why it works: Traffic signals help to assign right of way to traffic movements and have been shown to reduce angle crashes at intersections.

Impediments to Implementation: It is important that the existing intersection crash patterns are related to failing to yield to right of way as opposed to failing to yield to slowing traffic as a signal installation will likely increase the latter.

General Notes: While signals decrease the potential for angle crashes, simultaneously they increase the potential for rear end crashes. It is important to note that rear end crashes in high speed corridors typically result in more severe crashes than in lower speed corridors. It is also important to consider local driver expectations for a signal in a rural corridor that might not have any other signals nearby. Benefit/Cost Analysis using this countermeasure shall include BOTH CRF values listed below, one for decreasing angle crashes and the other for increasing rear end crashes, to best represent the expected changes in safety with installation.

The MUTCD lists nine warrants for the placement of traffic signals, which should be reviewed as installation of this treatment is considered. State Traffic Engineer Approval and warrant analysis is REQUIRED for all potential signal installations on the State Highway.

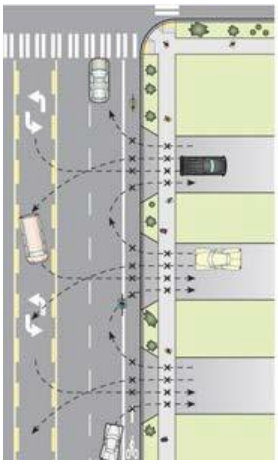
Crash Types Addressed	Severity Type Addressed
Angle & Rear End	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
-143 - 77%	77% (Angle) & -58% (Rear End)

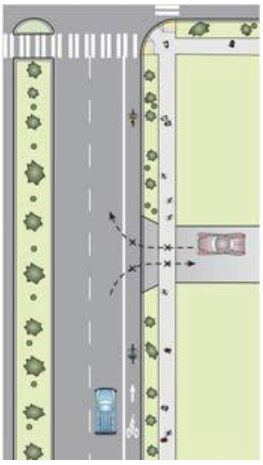
References: Highway Safety Manual, Accident Modification Factors for Traffic and ITS Improvements (NCHRP Report 617), Safety Effects of Left-Turn Phasing Schemes at High-Speed Intersections

Name: Reduce Urban Driveways from 48 to 26 - 48 per mile	ODOT Countermeasure Number: H30

What is it: Driveways can be defined as private roads that provide access between public ways and activities or buildings on abutting land. Reducing the number of driveways intersecting public roadways is an access management technique - the method of control of entry and exit points along a roadway.







Photos from FHWA

Where to use: Where you have a high frequency of driveway related crashes on an urban corridor.

Why it works: Reducing driveways manages the frequency and magnitude of conflict points at driveways by altering access patterns.

Impediments to Implementation: It can be difficult to get public support and can be costly to retrofit an existing road with this access management technique.

General Notes: This CRF value can only be applied to reducing driveway from 48 to 26 - 48 per mile. Successful access management seeks to simultaneously provide accessibility while enhancing safety, preserving capacity and providing for pedestrian and bicycle needs. For more guidance, please refer to the Highway Safety Manual.

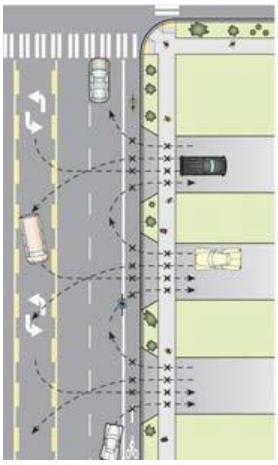
Crash Types Addressed	Severity Type Addressed
All Crashes	All Injury (Not PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
25 - 31%	29%

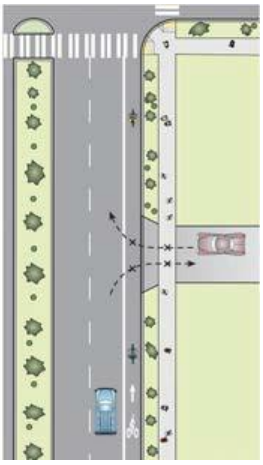
References: Highway Safety Manual, Handbook of Road Safety Measures

Name: Reduce Urban Driveways from 26 - 48 to 10 - 24 per mile	ODOT Countermeasure Number: H31

What is it: Driveways can be defined as private roads that provide access between public ways and activities or buildings on abutting land. Reducing the number of driveways intersecting public roadways is an access management technique - the method of control of entry and exit points along a roadway.







Photos from FHWA

Where to use: Where you have a high frequency of driveway related crashes on an urban corridor.

Why it works: Reducing driveways manages the frequency and magnitude of conflict points at driveways by altering access patterns.

Impediments to Implementation: It can be difficult to get public support and can be costly to retrofit an existing road with this access management technique.

General Notes: This CRF value can only be applied to reducing driveway from 26 - 48 to 10 - 24 per mile. Successful access management seeks to simultaneously provide accessibility while enhancing safety, preserving capacity and providing for pedestrian and bicycle needs. For more guidance, please refer to the Highway Safety Manual.

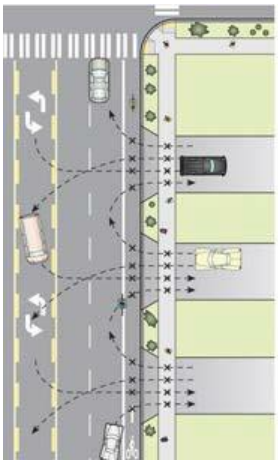
Crash Types Addressed	Severity Type Addressed
All Crashes	All Injury (Not PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
25 - 31%	31%

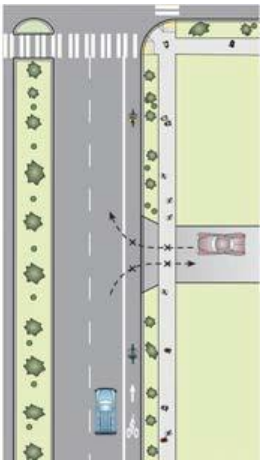
References: Highway Safety Manual, Handbook of Road Safety Measures

Name: Reduce Urban Driveways from 10 - 24 to less than 10 per mile	ODOT Countermeasure Number: H32

What is it: Driveways can be defined as private roads that provide access between public ways and activities or buildings on abutting land. Reducing the number of driveways intersecting public roadways is an access management technique - the method of control of entry and exit points along a roadway.







Photos from FHWA

Where to use: Where you have a high frequency of driveway related crashes on an urban corridor.

Why it works: Reducing driveways manages the frequency and magnitude of conflict points at driveways by altering access patterns.

Impediments to Implementation: It can be difficult to get public support and can be costly to retrofit an existing road with this access management technique.

General Notes: This CRF value can only be applied to reducing driveway from 10 - 24 to less than 10 per mile. Successful access management seeks to simultaneously provide accessibility while enhancing safety, preserving capacity and providing for pedestrian and bicycle needs. For more guidance, please refer to the Highway Safety Manual.

Crash Types Addressed	Severity Type Addressed
All Crashes	All Injury (Not PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
25 - 31%	25%

References: Highway Safety Manual, Handbook of Road Safety Measures

Name: Provide a Raised Median, Urban 2-Lane Road	ODOT Countermeasure Number: H33

What is it: A concrete median separation between opposing through lanes on a segment of roadway. This countermeasure can include periodic pedestrian refuges and/or designated left turn lanes at major driveways or intersections.



Photo from PedBikeSafe

Where to use: On roadways with higher traffic volumes and driveway densities with a history of access related crashes.

Why it works: The primary function of raised medians is to manage the frequency and magnitude of conflict points at driveways and intersections by altering access patterns. Additionally they can protect pedestrians by providing a refuge area and shorter exposed crossing distances and can include designated left turn lanes to allow vehicles to proceed through the intersection without having to stop or slow down for vehicles waiting to make a left turn.

Impediments to Implementation: On 2-Lane facilities, if the pavement width doesn't already exist, this countermeasure could have significant costs associated with adding more impervious surface. Typical examples are right of way acquisition, drainage impacts and environmental mitigation. In addition, raised medians limit property accesses which can be perceived by business owners as deterrence to potential customers and to residents as an inconvenience. It is important to involve stakeholders as soon as possible if you plan to implement this countermeasure. Raised medians also concentrate left turns and can increase the frequency of U-turns. It is important to accommodate and/or manage these potential movements accordingly. Lastly, medians create "pinch points" in the roadway that could prevent certain heavy vehicles from traveling through the facility. It is important that appropriate considerations are made for the types of heavy vehicles using the facility in order to provide them the maximum lane widths they need.

General Notes: This CRF value is specifically for 2-Lane Urban facilities. Two additional advantages of raised medians, they can prevent head-on or sideswipe meeting crashes and can provide space for landscaping and other aesthetic treatments.

Crash Types Addressed	Severity Type Addressed
All Crashes	All Injury (Not PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
39%	39%

References: Highway Safety Manual, Handbook of Road Safety Measures

Name: Provide a Raised Median, Urban Multi-Lane Road	ODOT Countermeasure Number: H34

What is it: A concrete median separation between opposing through lanes on a segment of roadway. This countermeasure can include pedestrian refuges and/or designated left turn lanes at major driveways or intersections.





Photos from FHWA

Where to use: On roadways with higher traffic volumes and driveway densities with a history of access related crashes.

Why it works: The primary function of raised medians is to manage the frequency and magnitude of conflict points at driveways and intersections by altering access patterns. Additionally they can protect pedestrians by providing a refuge area and shorter exposed crossing distances and can include designated left turn lanes to allow vehicles to proceed through the intersection without having to stop or slow down for vehicles waiting to make a left turn.

Impediments to Implementation: Raised medians limit property accesses which can be perceived by business owners as deterrence to potential customers and to residents as an inconvenience. It is important to involve stakeholders as soon as possible if you plan to implement this countermeasure. Raised medians also concentrate left turns and can increase the frequency of U-turns. It is important to accommodate and/or manage these potential movements accordingly. In addition, medians create "pinch points" in the roadway that could prevent certain heavy vehicles from traveling through the facility. It is important that appropriate considerations are made for the types of heavy vehicles using the facility in order to provide them the maximum lane widths they need.

General Notes: This CRF value is specifically for Multi-Lane Urban facilities. Two additional advantages of raised medians, they can prevent head-on or sideswipe meeting crashes and can provide space for landscaping and other aesthetic treatments.

Crash Types Addressed	Severity Type Addressed
All Crashes	All Injury (Not PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
0 - 22%	22%

References: Highway Safety Manual, Handbook of Road Safety Measures

Name: Provide a Raised Median, Rural Multi-Lane Road	ODOT Countermeasure Number: H35

What is it: A concrete median separation between opposing through lanes on a segment of roadway. This countermeasure can include pedestrian refuges and/or designated left turn lanes at major driveways or intersections.



Photo from Google



Photo from FHWA

Where to use: On roadways with higher traffic volumes and driveway densities with a history of access related crashes.

Why it works: The primary function of raised medians is to manage the frequency and magnitude of conflict points at driveways and intersections by altering access patterns. Additionally they can protect pedestrians by providing a refuge area and shorter exposed crossing distances and can include designated left turn lanes to allow vehicles to proceed through the intersection without having to stop or slow down for vehicles waiting to make a left turn.

Impediments to Implementation: Raised medians limit property accesses which can be perceived by business owners as deterrence to potential customers and to residents as an inconvenience. It is important to involve stakeholders as soon as possible if you plan to implement this countermeasure. Raised medians also concentrate left turns and can increase the frequency of U-turns. It is important to accommodate and/or manage these potential movements accordingly. In addition, medians create "pinch points" in the roadway that could prevent certain heavy vehicles from traveling through the facility. It is important that appropriate considerations are made for the types of heavy vehicles using the facility in order to provide them the maximum lane widths they need.

General Notes: This CRF value is specifically for Multi-Lane Rural facilities. Two additional advantages of raised medians, they can prevent head-on or sideswipe meeting crashes and can provide space for landscaping and other aesthetic treatments.

Crash Types Addressed	Severity Type Addressed
All Crashes	All Injury (Not PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
0 - 22%	12%

References: Highway Safety Manual, Handbook of Road Safety Measures

SYSTEMIC COUNTERMEASURES

Name: Install Pedestrian Countdown Timer(s)	ODOT Countermeasure Number: BP1

What is it: Pedestrian signal heads are traffic signal indications exclusively intended for controlling pedestrian traffic. They consist of the illuminated symbols of a walking person (symbolizing Walk) and an upraised hand (symbolizing Don't Walk). Pedestrian countdown timers are pedestrian signal heads that include a countdown during the flashing Don't Walk phase that provides pedestrians with the remaining seconds available before the pedestrian phase ends.



Image from FHWA

Where to use: Where you have a high frequency of pedestrian crashes at signalized intersections.

Why it works: The countdown timer enables pedestrians to make better decisions on when to safely cross the road, effectively reducing the exposure of pedestrians to vehicular traffic at a signalized intersection.

Impediments to Implementation: Depending on the age of the signal, you may need to replace the entire pedestrian signal head as opposed to just the LED module, which could increase your installation costs.

General Notes: This type of pedestrian signal head is the 2009 MUTCD standard and shall be installed at all new signal installations if flashing don't walk time is 7 seconds or more. It is encouraged that this countermeasure be applied systemically along a signalized corridor to create consistency for the pedestrians as they travel along the corridor.

This countermeasure may be included in an application for a Signalized Intersection Systemic project.

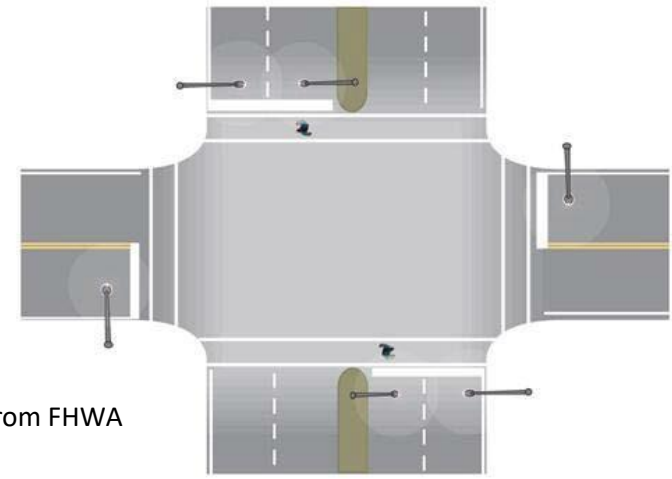
Crash Types Addressed	Severity Type Addressed
Pedestrian	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
0 - 70%	70%

References: Crash Modification Factors Clearinghouse, Evaluating Pedestrian Safety Countermeasures

Name: Provide Intersection Illumination (Bike & Ped)	ODOT Countermeasure Number: BP2

What is it: A permanent source of artificial light installed at an intersection that provides greater visibility of the intersection and its potential multi-modal users.





Images from FHWA

Where to use: At intersections where you have a high frequency of bicycle and pedestrian crashes at night.

Why it works: Intersection lighting allows for greater visibility of the intersection. Roadway users and features are more visible and help all users determine a safe path through the intersection. This can be especially helpful at rural intersections where the only source of lighting for the roadway is often provided by vehicle headlights.

Impediments to Implementation: In rural areas it may be difficult to locate a power source. In addition, it is important to determine, upfront, the jurisdiction responsible for paying the ongoing utility costs. For signalized intersections, retrofitting illumination onto existing signal poles could result in an entire signal rebuild.

General Notes: This countermeasure may be used at a midblock pedestrian crossing location. This countermeasure is for new lighting only, not to replace existing, substandard lighting. This CRF value can be applied to signalized and unsignalized intersections. For ODOT Highways, please refer to the ODOT Lighting Policy and Guidelines for further guidance on lighting warrants.

Crash Types Addressed	Severity Type Addressed
Nighttime Pedestrian and Bicycle	All Injury (Not PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
42%	42%

References: Crash Modification Factors Clearinghouse,

Name: Install Urban Leading Pedestrian or Bicycle Interval at Signalized Intersection	ODOT Countermeasure Number: BP3

What is it: Leading pedestrian interval (LPI) gives pedestrians and bicycles using the marked crosswalk an advance walk signal before the motorists get a green indication, giving the pedestrian or bicyclist several seconds to start crossing before vehicles start proceeding through the intersection.

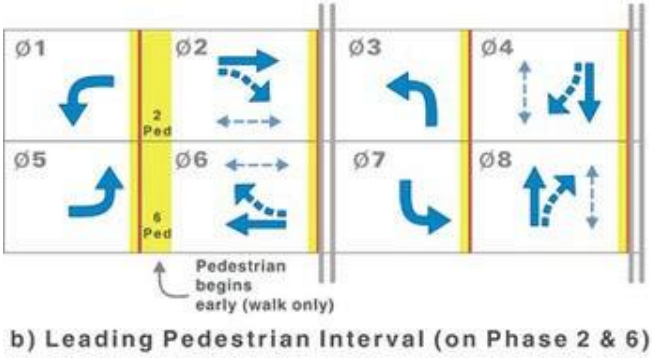


Image from FHWA

Where to use: Where you have a high frequency of motorized users failing to yield to the right of way of non-motorized users at a signalized intersection.

Why it works: Provides better notice of the presence of pedestrian or bicyclists in the roadway/crosswalk for permissive left-turning or right-turning drivers. It makes non-motorized users more visible to motorized users and motorized users more likely to yield to them.

Impediments to Implementation: It is important to consider the potential intersection capacity and delay impacts to implementing this countermeasure.

General Notes: This treatment could also be beneficial in areas where you have a high number of older pedestrians who tend to be slower to start into the intersection. It could also be particularly effective where there is a dual lane turning movements.

This countermeasure may be included in an application for a Signalized Intersection Systemic project.

Crash Types Addressed	Severity Type Addressed
Pedestrian and Bicycle	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
37 - 45%	37%

References: Crash Modification Factors Clearinghouse, Safety Effectiveness of Leading Pedestrian Intervals Evaluated by a Before-After Study with Comparison Groups

Name: Install No Pedestrian Phase Feature with Flashing Yellow Arrow	ODOT Countermeasure Number: BP4

What is it: The separation of the pedestrian walk phase from the flashing yellow arrow (permissive) left turn phase. When an intersection has pedestrian pushbutton activation and the pedestrian phase is activated, the flashing yellow arrow indication is not displayed for the duration of the pedestrian walk phase. The flashing yellow arrow is either delayed or suppressed.

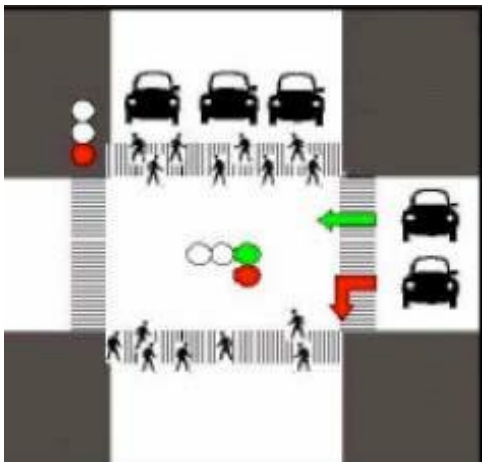


Image from PedBikeSafe

Where to use: Where the volume of pedestrians crossing the crosswalk, in conflict with the left turning traffic, is high or where you have a high frequency of left turning vehicles failing to yield to pedestrians during the flashing yellow arrow indication.

Why it works: This separation allows the pedestrian to cross the approach entirely before the flashing yellow arrow indication is displayed, thereby reducing potential vehicle to pedestrian conflicts.

Impediments to Implementation: It is important to consider the potential delay to left turning vehicles by implementing this countermeasure. In order to implement this countermeasure, you will need to verify that your existing signal software will be able to support it.

General Notes: You cannot implement this countermeasure without push button activation for pedestrians. If pedestrian push buttons do not already exist, installing them can be included as part of this countermeasure.

This countermeasure may be included in an application for a Signalized Intersection Systemic project.

Crash Types Addressed	Severity Type Addressed
Pedestrian	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
43%	43%

References: Crash Modification Factors Clearinghouse, Safety Effectiveness of Leading Pedestrian Intervals Evaluated by a Before-After Study with Comparison Groups

Name: Install Pedestrian Refuge Island	ODOT Countermeasure Number: BP7

What is it: Concrete pedestrian refuge islands with crosswalk markings placed on a street at unsignalized intersections or midblock locations to separate crossing pedestrians from motor vehicles and provide pedestrians with the ability to cross one direction of traffic at a time.



Image from FHWA

Where to use: Where you have a higher than expected frequency of pedestrian crashes or vehicles crashes caused by pedestrians that could be reduced by minimizing the crossing distance and maximizing the visibility of pedestrians.

Why it works: Pedestrians are able to more safely make a two-stage crossing by having to only look for a gap in one direction of traffic at a time while being protected by a concrete curbed island.

Impediments to Implementation: It is important to provide sufficient pavement width to accommodate the largest size of vehicles expected to travel on the road in question. It is also important to consider the potential impact to turning movements at any nearby accesses as a result of the median island.

General Notes: The following is guidance from FHWA on pedestrian raised median islands. Raised medians should be considered on sections of multi-lane roadways in urban and suburban areas, particularly in areas where there are mixtures of significant pedestrian and vehicle traffic (more than 12,000 Average Daily Traffic (ADT)) and intermediate or high travel speeds (40 mph or more). Medians/refuge islands should be at least 4 feet wide (preferably 8 feet wide to accommodate pedestrian comfort and safety) and of adequate length to allow the anticipated number of pedestrians to stand and wait for gaps in traffic before crossing the second half of the street.

On the State Highway System, marked crosswalks at uncontrolled (unsignalized) locations require State Traffic Engineer approval

Crash Types Addressed	Severity Type Addressed
Pedestrian	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
26 - 31%	31%

References: http://www.trb.org/NCHRP/Blurbs/175381.aspx

Name: **Install Rectangular Rapid Flashing Beacon (2-Lane Road)**	**ODOT Countermeasure Number**: **BP8**

What is it: Rectangular Rapid Flash Beacons (RRFBs) are user-actuated amber Light Emitting Diodes (LEDs) that supplement warning signs at unsignalized intersections or mid-block crosswalks. The signals rest in the dark phase until activated by a push button and then flash in a rapid stutter flash pattern.



Image from Frank Ockenfels

Where to use: On 2-lane roads where crash data indicates a need to provide additional notification to motorists of the presence of crossing pedestrians or where there are insufficient gaps in vehicle traffic to provide a pedestrian a crossing opportunity.

Why it works: RRFB's can enhance safety by reducing crashes between vehicles and pedestrians by increasing driver awareness of potential pedestrian conflicts.

Impediments to Implementation: It may be important to provide educational outreach to the community on safe use of RRFB's. There are instances where pedestrians have been shown to blindly trust that vehicles will immediately yield to them once they activate the RRFB. Their failure to check for oncoming traffic can result in a pedestrian crash regardless of the presence of an RRFB.

General Notes: RRFB's are meant to supplement standard pedestrian crossing warning signs and crosswalk markings. Typically, pedestrian crossing warning signs are placed on the left and right sides of the road at the crossing. Placing advanced stop bars are optional. It is important to remember that RRFB's have limited available research on their effectiveness on crashes so they should be used where other more proven countermeasures have shown to not be effective.

On the State Highway System, RRFB's and marked crosswalks at uncontrolled locations require State Traffic Engineer approval

Crash Types Addressed	**Severity Type Addressed**
Pedestrian	**All Severities (Including PDO's)**
CRF Range of Effectiveness	**ODOT CRF Value**
10 - 56%	**10%**

Name: Install Rectangular Rapid Flashing Beacon without Median (3-Lane or More Roadway)	ODOT Countermeasure Number: BP9

What is it: Rectangular Rapid Flash Beacons (RRFBs) are user-actuated amber Light Emitting Diodes (LEDs) that supplement warning signs at unsignalized intersections or mid-block crosswalks. The signals rest in the dark phase until activated by a push button and then flash in a rapid stutter flash pattern.



Image from Google

Where to use: On multi-lane roads where crash data indicates a need to provide additional notification to motorists of the presence of crossing pedestrians or where there are insufficient gaps in vehicle traffic to provide a pedestrian a crossing opportunity.

Why it works: RRFB's can enhance safety by reducing crashes between vehicles and pedestrians by increasing driver awareness of potential pedestrian conflicts.

Impediments to Implementation: It may be important to provide educational outreach to the community on safe use of RRFB's. There are instances where pedestrians have been shown to blindly trust that vehicles will immediately yield to them once they activate the RRFB. Their failure to check for oncoming traffic can result in a pedestrian crash regardless of the presence of an RRFB.

General Notes: RRFB's are meant to supplement standard pedestrian crossing warning signs and crosswalk markings. Typically, pedestrian crossing warning signs are placed on the left and right sides of the road at the crossing. Placing advanced stop bars highly recommended on multi-lane facilities. It is important to remember that RRFB's have limited available research on their effectiveness on crashes so they should be used where other more proven countermeasures have shown to not be effective.

On the State Highway System, RRFB's and marked crosswalks at uncontrolled locations require State Traffic Engineer approval

Crash Types Addressed	Severity Type Addressed
Pedestrian	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
10 - 56%	10%

Name: Install Rectangular Rapid Flashing Beacon with Median (3-Lane or More Roadway)	ODOT Countermeasure Number: BP10

What is it: Rectangular Rapid Flash Beacons (RRFBs) are user-actuated amber Light Emitting Diodes (LEDs) that supplement warning signs at unsignalized intersections or mid-block crosswalks. The signals rest in the dark phase until activated by a push button and then flash in a rapid stutter flash pattern. This countermeasure includes installation of a pedestrian refuge island in addition to the RRFB.



Image from Washington County (OR)

Where to use: On multi-lane roads where crash data indicates a need to provide additional notification to motorists of the presence of crossing pedestrians or where there are insufficient gaps in vehicle traffic to provide a pedestrian a crossing opportunity.

Why it works: RRFB's can enhance safety by reducing crashes between vehicles and pedestrians by increasing driver awareness of potential pedestrian conflicts. With a pedestrian refuge island, pedestrians are able to more safely make a two-stage crossing by having to only look for a gap in one direction of traffic at a time while being protected by a concrete curbed island.

Impediments to Implementation: If placed at an intersection with designated left turn lanes, a pedestrian refuge island will impact left turning movements. It may be important to provide educational outreach to the community on safe use of RRFB's. There are instances where pedestrians have been shown to blindly trust that vehicles will immediately yield to them once they activate the RRFB. Their failure to check for oncoming traffic can result in a pedestrian crash regardless of the presence of an RRFB. It is important to provide sufficient pavement width to accommodate the largest size of vehicles expected to travel on the road in question.

General Notes: This countermeasure is highly encouraged on higher speed facilities. RRFB's are meant to supplement standard pedestrian crossing warning signs and crosswalk markings. Typically, pedestrian crossing warning signs are placed on the left and right sides of the road at the crossing. Placing an RRFB in the pedestrian refuge island and advanced stop bars are highly recommended on multi-lane facilities. It is important to remember that RRFB's alone have limited available research on their effectiveness on crashes so they should be used where other more proven countermeasures have shown to not be effective or in combination with more proven countermeasures.

On the State Highway System, RRFB's and marked crosswalks at uncontrolled locations require State Traffic Engineer approval

Crash Types Addressed	Severity Type Addressed
Pedestrian	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
10 - 56%	56%

Name: Install Continental Crosswalk Markings and Advance Pedestrian Warning Signs at Uncontrolled Locations	ODOT Countermeasure Number: BP11

What is it: A crosswalk is a location where the pedestrian leaves the sidewalk and enters the roadway and the pedestrian's path of travel crosses the motorist's path of travel. Marked crosswalks use pavement markings to indicate optimal or preferred locations for pedestrians to cross and help designate right-of-way for motorists to yield to pedestrians.



Image from Google

Where to use: Where you have a higher than expected frequency of pedestrian crashes or vehicles crashes caused by pedestrians.

Why it works: Crosswalks help call attention to pedestrians crossing a road and provide a defined location in which to do so.

Impediments to Implementation: Pedestrians are sensitive to out-of-the-way travel, and reasonable accommodation should be made to make crossings both convenient and safe at locations with adequate visibility. Too many and unnecessary marked crosswalks on a segment of road has a high potential to result in driver complacency and reduced yielding compliance.

General Notes: This countermeasure can be applied at intersections or midblock locations. It is important to remember that all intersections are legal pedestrian crossings in Oregon, regardless if they are marked or not. Advanced stop bars are REQUIRED in multi-lane sections.

Consider marking a crosswalk at non-signalized locations where engineering judgment dictates that the number of motor vehicle lanes, pedestrian exposure, average daily traffic (ADT), posted speed limit, and geometry of the location would make the use of specially designated crosswalks desirable for traffic/pedestrian safety and mobility. Marked crosswalks alone (i.e., without traffic-calming treatments, traffic signals and pedestrian signals when warranted, or other substantial crossing improvement) are insufficient and should not be used under the following conditions:

- Where the speed limit exceeds 40 mph
- On a roadway with four or more lanes without a raised median or crossing island that has (or will soon have) an ADT of 12,000 or greater
- On a roadway with four or more lanes with a raised median or crossing island that has (or soon will have) an ADT of 15,000 or greater

For additional guidance, please refer to FHWA's Safety Effects of Marked Versus Unmarked Crosswalks at Uncontrolled Locations.
On the State Highway System, marked crosswalks at uncontrolled locations require State Traffic Engineer approval

Crash Types Addressed	Severity Type Addressed
Pedestrian	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
15%	15%

References: Safety Effects of Marked Versus Unmarked Crosswalks at Uncontrolled Locations (FHWA-HRT-04-100)

Name: Install Curb Ramps and Extensions with a Marked Crosswalk and Pedestrian Warning Signs	ODOT Countermeasure Number: BP12

What is it: Curb extensions (also known as bulb-outs) extend the sidewalk or curb line out into the parking lane, which reduces the effective street width.

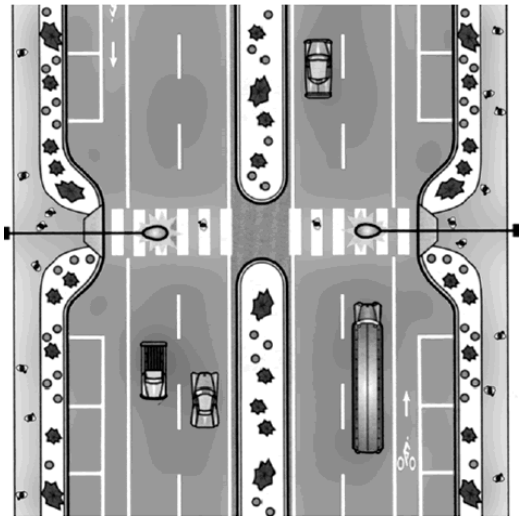


Image from FHWA

Where to use: Where you have a higher than expected frequency of pedestrian crashes or vehicles crashes caused by pedestrians that could be reduced by minimizing the crossing distance and maximizing the visibility of pedestrians.

Why it works: Curb extensions significantly improve pedestrian crossings by reducing the pedestrian crossing distance, improving the ability of pedestrians and motorists to see each other, and reducing the time that pedestrians are in the street.

Impediments to Implementation: It is important to provide sufficient pavement width to accommodate the largest size of vehicles expected to travel on the road in question. The new curb line should not encroach the traveled way where bicyclists or motor vehicles may be traveling either.

General Notes: This countermeasure can be used at intersections or midblock locations. Curb extensions should typically be used where there is a parking lane and where transit and cyclists will be traveling outside the curb edge for the length of the street.

On the State Highway System, marked crosswalks at uncontrolled locations require State Traffic Engineer approval

Crash Types Addressed	Severity Type Addressed
Pedestrian	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
37%	37%

References: Desktop Reference for Crash Reduction Factors (FHWA-SA-08-011)

Name: Install Advance Pedestrian or Bicycle Warning Signs	ODOT Countermeasure Number: BP13

What is it: Yellow warning symbol signs with appropriate supplemental plaques warning of pedestrian and/or bicycles (W11-1, W11-2, W11-15) potentially crossing the road.



Image from Google

Where to use: Where crash data indicates a need to provide additional notification to motorists of the presence of crossing pedestrians and/or bicyclists.

Why it works: It warns motorists of locations where unexpected entries into the roadway by pedestrians and/or bicycles might occur.

Impediments to Implementation: These signs should be reserved for use in locations that have shown a need through crash data to avoid sign clutter and driver complacency.

General Notes: The combined Bicycle/Pedestrian (W11-15) sign may be used where both bicyclists and pedestrians might be crossing the roadway, such as at an intersection with a shared-use path. Please refer to the 2009 MUTCD for additional guidance on placement of these signs and the appropriate supplemental plaques that should be included.

This countermeasure cannot be used with any of the marked crosswalk countermeasures as signs are already included in those countermeasures

Crash Types Addressed	Severity Type Addressed
Pedestrian and Bicycle	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
5 - 15%	5%

References: Desktop Reference for Crash Reduction Factors (FHWA-SA-08-011)

Name: Install Pedestrian Signal	ODOT Countermeasure Number: BP14

What is it: Traffic Signals are a traffic control device positioned on roadways to efficiently control and manage competing flows of traffic (vehicles, pedestrians and/or bicycles). A Pedestrian Signal controls the flow of traffic and provides sufficient time for safe and efficient pedestrian and/or bicycle crossings.



Image from Google

Where to use: Where you have a higher than expected frequency of pedestrian/bicycle crashes or vehicles crashes caused by pedestrians/bicycles and other less aggressive countermeasures have been proven to be ineffective.

Why it works: Pedestrian signals provide positive guidance to pedestrians regarding the permitted signal interval to cross a street and prohibit pedestrian crossings when conflicting traffic may impact pedestrian safety.

Impediments to Implementation: There should be discussions on which type of pedestrian activated traffic control device is the most appropriate countermeasure for the identified problem. Inappropriate placement of a Pedestrian Signal could result in an increase in vehicle crashes and a decrease in compliance from either vehicles or pedestrians.

General Notes: Pedestrian signals are appropriate where it is difficult to find a gap in traffic to make a crossing and there are a significant number of pedestrians wanting to cross at a particular location.

A pedestrian signal is warranted by MUTCD Warrant #4. State Traffic Engineer Approval and warrant analysis is REQUIRED for all potential signal installations on the State Highway.

Crash Types Addressed	Severity Type Addressed
Pedestrian and Bicycle	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
15 - 69%	55%

References: Desktop Reference for Crash Reduction Factors (FHWA-SA-08-011)

Name: Install Pedestrian Hybrid Beacon	ODOT Countermeasure Number: BP15

What is it: The pedestrian hybrid beacon (PHB) - also known as the High intensity Activated crossWalK (or HAWK) - is a pedestrian-activated warning device located on the roadside or on mast arms over midblock pedestrian crossings. The beacon head consists of two red lenses above a single yellow lens. The beacon head is "dark" until the pedestrian desires to cross the street. When activated it displays a brief flashing and steady yellow intervals followed by a steady red indication to drivers and a "WALK" indication to pedestrians.



Image from FHWA

Where to use: Where you have a higher than expected frequency of pedestrian/bicycle crashes or vehicles crashes caused by pedestrians/bicycles and other less aggressive countermeasures have been proven to be ineffective. This treatment may be used at locations with a high number of pedestrian crashes where additional visibility of pedestrian crossings is needed.

Why it works: It displays a red indication to drivers when activated, which creates a gap for pedestrians to cross a major roadway. They provide positive guidance to pedestrians regarding the permitted signal interval to cross a street and prohibit pedestrian crossings when conflicting traffic may impact pedestrian safety.

Impediments to Implementation: There should be discussions on which type of pedestrian activated traffic control device is the most appropriate countermeasure for the identified problem. Inappropriate placement of a PHB could result in an increase in vehicle crashes and a decrease in compliance from either vehicles or pedestrians. Since the pedestrian hybrid beacon is a traffic control device many people are not yet familiar with, effort should be made to perform outreach to the public before implementation so there is no confusion about how the beacon operates and what drivers and pedestrians should do when encountering it.

General Notes: In general, PHB's should be used if gaps in traffic are not adequate to permit pedestrians to cross, if vehicle speeds on the major street are too high to permit pedestrians to cross, or if pedestrian delay is excessive. Hybrid beacons may be used at locations with lower volumes than what is required for a pedestrian signal.

The MUTCD guidance for the placement of PHB's should be reviewed as installation of this treatment is considered. State Traffic Engineer Approval is REQUIRED for all PHB installations on the State Highway.

Crash Types Addressed	Severity Type Addressed
Pedestrian and Bicycle	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
15 - 69%	55%

References: Crash Modification Factors Clearinghouse, Safety Effectiveness of the HAWK Pedestrian Crossing Treatment (FHWA-HRT-10-042)

Name: Prohibit Right-Turn on Red	ODOT Countermeasure Number: BP21

What is it: “NO TURN ON RED”. This sign prohibits drivers from making a right-turn during the red phase at signalized intersections.



Image from Google Streetview

Where to use: At signalized intersections where the volume of pedestrian and bicycle crossings, in conflict with right-turning vehicles is high.

Why it works: Prohibiting right-turn on red is a simple, low cost measure, that can increase pedestrian safety and decrease crashes at intersections between right-turning vehicles and pedestrians crossing the intersection.

Impediments to Implementation: Consider the potential delay to right-turning vehicles by implementing this countermeasure. A concern of implementing this countermeasure is that it may lead to higher right-turn on green conflicts when there are concurrent signals.

General Notes: Many motorist do not fully comply with the regulation. Motorists are commonly looking for traffic approach from their left, they may not be alert to pedestrians crossing to their right.

Crash Types Addressed	Severity Type Addressed
Pedestrian and Bicycle	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
26 – 44%	41

Name: Advance Yield and Stop Markings & Signs	ODOT Countermeasure Number: BP22

What is it: Advance yield and stop markings & signs typically includes a stop bar or “shark teeth” yield markings paced 20 to 50 feet in advance of a marked crosswalk. This countermeasure can greatly reduce the likelihood of crashes occurring between vehicles and pedestrians at unsignalized locations.

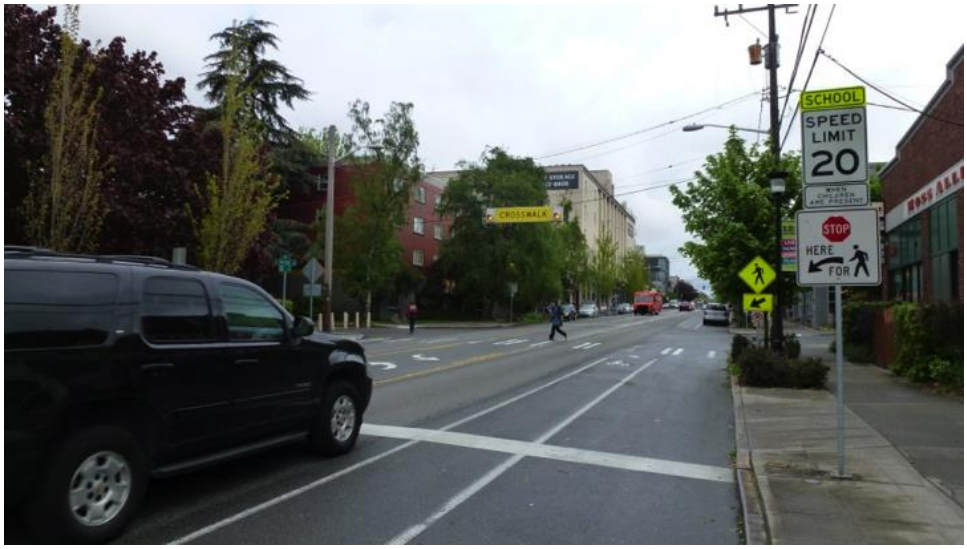


Image from PedSafe

Where to use: At unsignalized intersections and mid-block crossings.

Why it works: This countermeasure can greatly reduce the likelihood of multiple-threat crashes occurring at unsignalized and mid-block crossings. The multiple threat crash occurs at crosswalks on multilane roadways, when a driver stops too close to the crosswalk and lets a pedestrian crossing, limiting the visibility of the adjacent travel lane. This situation can results in a high-speed crash, which usually leads to fatalities or severe injuries.

Impediments to Implementation: It is important to consider that the Effectiveness depends on motorist compliance with the marked stop/yield line. Motorist might ignore markings/signage if placed too far in advance of the crosswalk.

General Notes:. Parking should be restricted between the stop or yield line and the crosswalk to allow for better visibility.

Crash Types Addressed	Severity Type Addressed
Pedestrian and Bicycle	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
25%	25

Name: Add Sidewalks (Urban Areas)	ODOT Countermeasure Number: NA

What is it: Install sidewalks (in urban areas) to fill gaps in existing sidewalk network and provided physically separated space for people walking along roadways. Sidewalks, provided on both sides of a street, are generally the preferred pedestrian facility.



Image from Google Streetview

Where to use: Along roadway segments currently lacking sidewalk infrastructure.

Why it works: This countermeasure reduces the potential for crashes occurring between vehicles and people walking along roadway segments, typically in a roadway shoulder when sidewalks are not present. Adding sidewalks provides a physically separated space for people walking.

Impediments to Implementation: Sidewalks are typically installed in urban settings, the installation of sidewalks in rural settings may not be appropriate given the rural context of the roadway.

General Notes: Cost vary based on location, number of driveways, obstacles to be removed, right-of-way, and miscellaneous factors such as planters, irrigation, benches, streetlights, etc.

Crash Types Addressed	Severity Type Addressed
Pedestrian	All Severities (Including PDO's)
CRF Range of Effectiveness	**CalTrans CRF Value**
NA	80[1]

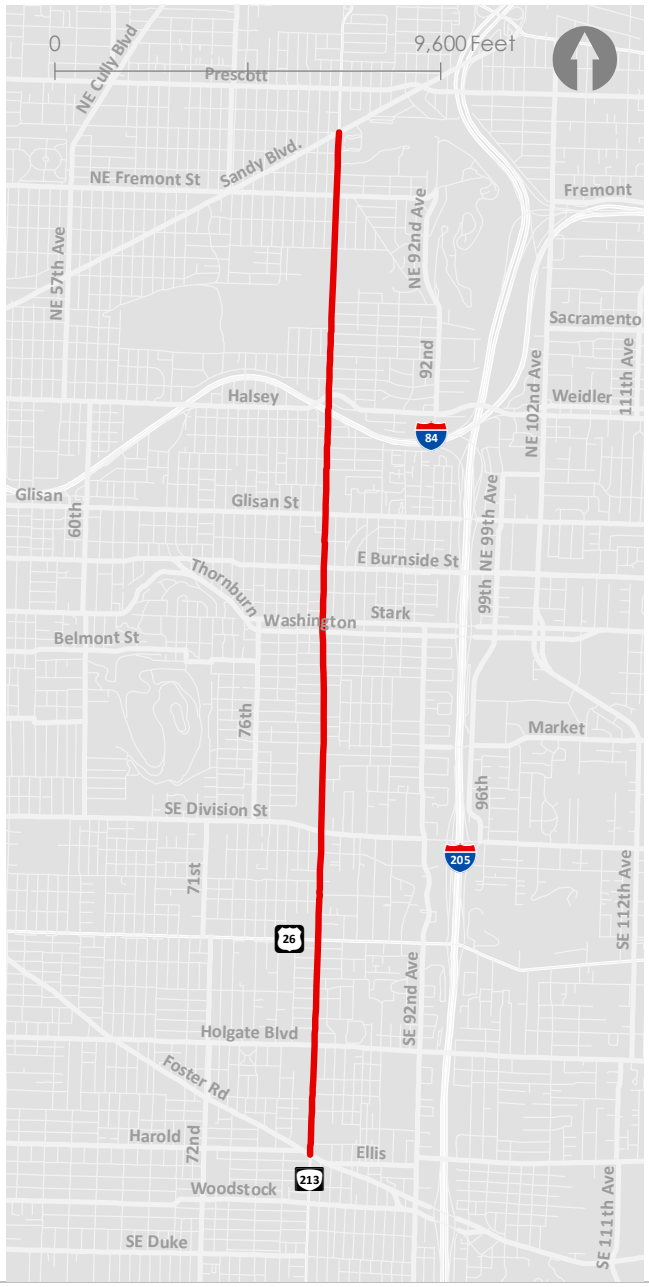
1. CalTrans: Local Roadway Safety, 2020: https://dot.ca.gov/-/media/dot-media/programs/local-assistance/documents/hsip/2020/lrsm2020.pdf

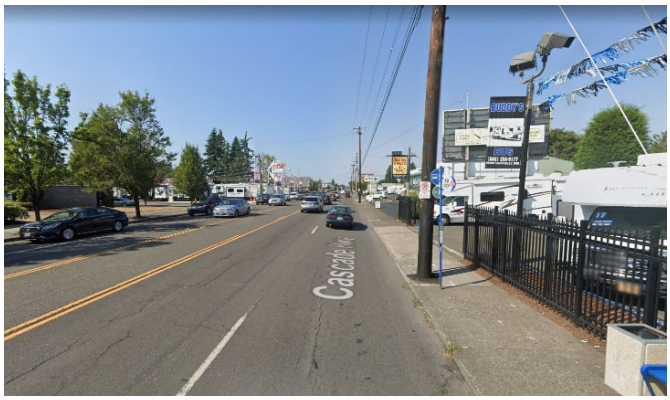
Attachment D
Potential Countermeasures for Selected Sites

DRAFT PROJECT LOCATION SUMMARY SHEET

1: 82nd Avenue (OR 213), NE Sandy Boulevard to SE Foster Road – Portland

Context: Urban	**ODOT Region:** 1	**Length:** 4.81 miles
Project Location		
From Street: NE Sandy Blvd (MP: 0.95)	**To Street:** SE Foster Road (MP: 5.76)	





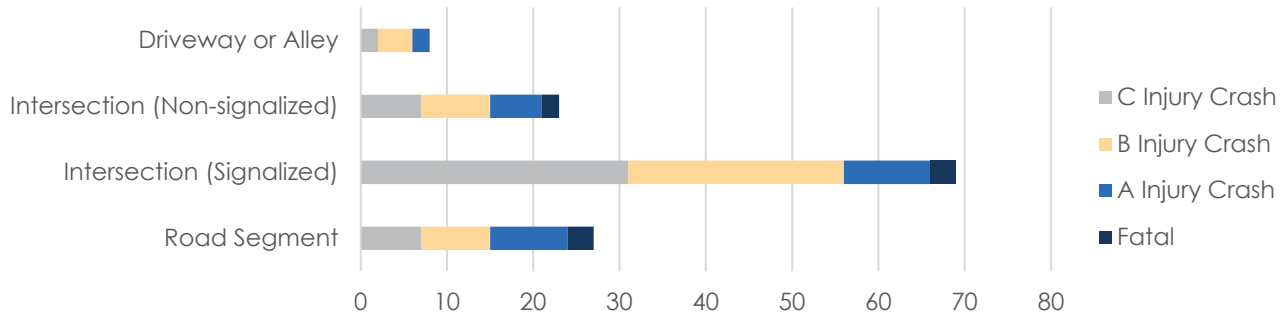




1: 82nd Avenue (OR 213), NE Sandy Boulevard to SE Foster Road – Portland

Crash History (2007 – 2017)

127 Total Crashes (Pedestrian Involved)



Risk Factors Present:

- Principal Arterial **– All**
- Number of Lanes (>= 4 Lanes) **– All**
- High-Access Density **– Most**
- Posted Speed (>=35 mph) **– All**
- No Sidewalks (or Only One Side) **– Partial**
- Mixed-Use Zoning **– All**
- Proximity to Schools (1 Mile) **– All**
- Proximity to Transit Stops (1/4 Mile) **– All**

Risk Score (Rank): 9.638 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Pedestrian Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- NE Sandy Boulevard
- NE Fremont Street
- NE Siskiyou Street
- NE Tillamook Street
- NE Jonesmore Street
- NE Wasco Street
- NE Multnomah Street
- NE Glisan Street
- Burnside Street
- SE Stark Street
- SE Washington Street
- SE Yamhill Street
- SE Mill Street
- SE Division Street
- SE Woodward Street
- SE Powell Boulevard
- SE Boise Street
- SE Holgate Street
- SE Raymond Street
- SE Foster Road

Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles

Planning Level Countermeasure Cost: ~$1,000 per intersection

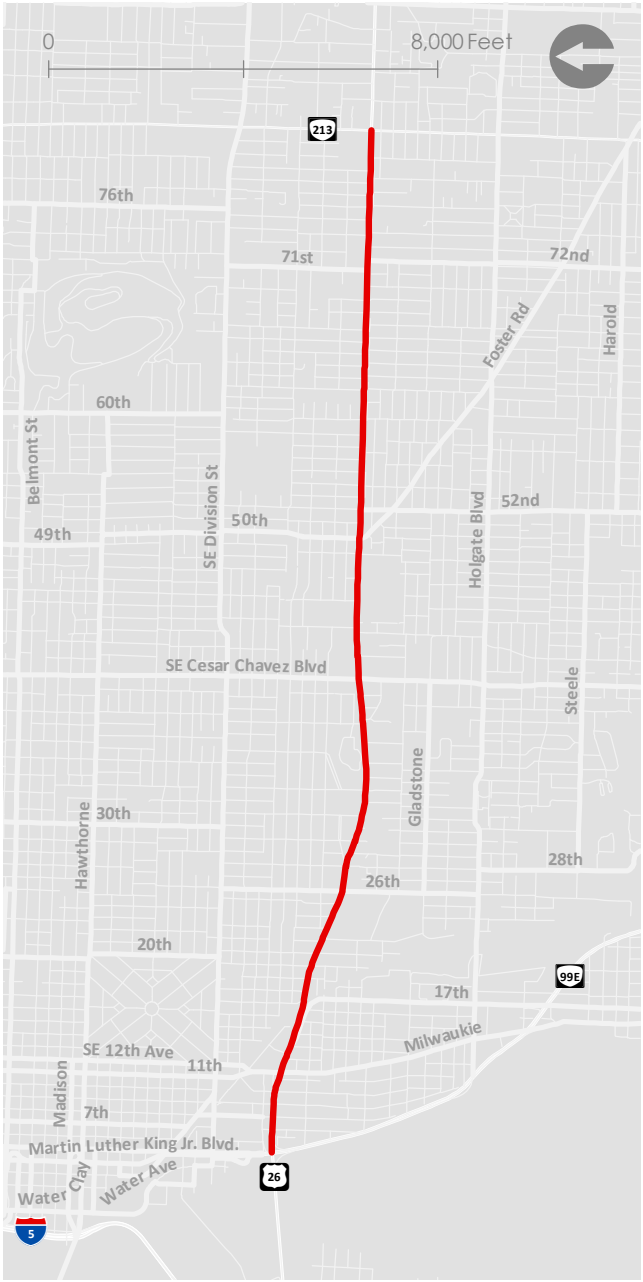
Countermeasure: Install No Pedestrian Phase Feature with Flashing Yellow Arrow	**ARTS #:** BP4	**CRF:** 43
Potential Intersection Locations (Signalized):		
▸ NE Sandy Boulevard ▸ NE Fremont Street ▸ NE Siskiyou Street ▸ NE Tillamook Street ▸ NE Jonesmore Street ▸ NE Wasco Street ▸ NE Multnomah Street	▸ NE Glisan Street ▸ Burnside Street ▸ SE Stark Street ▸ SE Washington Street ▸ SE Yamhill Street ▸ SE Mill Street ▸ SE Division Street	▸ SE Woodward Street ▸ SE Powell Boulevard ▸ SE Boise Street ▸ SE Holgate Street ▸ SE Raymond Street ▸ SE Foster Road
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. *left-turning* vehicles		
Planning Level Countermeasure Cost: ~$1,000 per intersection		
Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ NE Sandy Boulevard ▸ NE Fremont Street ▸ NE Siskiyou Street ▸ NE Tillamook Street ▸ NE Jonesmore Street ▸ NE Wasco Street ▸ NE Multnomah Street	▸ NE Glisan Street ▸ Burnside Street ▸ SE Stark Street ▸ SE Washington Street ▸ SE Yamhill Street ▸ SE Mill Street ▸ SE Division Street	▸ SE Woodward Street ▸ SE Powell Boulevard ▸ SE Boise Street ▸ SE Holgate Street ▸ SE Raymond Street ▸ SE Foster Road
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. *right-turning* vehicles		
Planning Level Countermeasure Cost: ~$7,000 per intersection		

Countermeasure: Install Rectangular Rapid Flashing Beacon with Median (3-Lane or More Roadway)	**ARTS #:** BP10	**CRF:** 56
Potential Mid-Block / Unsignalized Crossing Locations *without* existing medians: ▸ NE Beech Street (transit stop ~ 70 feet north of intersection) ▸ SE Oregon Street (transit stop ~ 50 feet south of intersection) ▸ SE Clinton Street (transit stop ~ 110 feet south of intersection) ▸ SE Rhone Street (transit stop ~ 60 feet south of intersection) ▸ SE Raymond Court (transit stop – south leg of intersection) *Note: Mid-block/intersection locations not included when located in close proximity to signalized intersection or existing crossing facility.*		
Potential Affected Risk Factor and/or Conflict: Midblock crossings and pedestrian crossings vs. vehicles		
Planning Level Countermeasure Cost: $173,000 per location		
Countermeasure: Install Rectangular Rapid Flashing Beacon without Median (3-Lane or More Roadway)	**ARTS #:** BP9	**CRF:** 10
Potential Mid-Block / Unsignalized Crossing Locations *with* existing median: ▸ ~ 260 feet south of NE Siskiyou intersection) ▸ NE Thompson Street (north leg of intersection ▸ NE Pacific Street (south leg of intersection) ▸ SE Ash Street (south leg of intersection) ▸ SE Salmon Street (north leg of intersection) ▸ SE Hawthorne Boulevard (north leg of intersection)		
Potential Affected Risk Factor and/or Conflict: Midblock pedestrian vs. vehicles		
Planning Level Countermeasure Cost: $69,000		

Countermeasure: Install Continental Crosswalk Markings and Advance Pedestrian Warning Signs at Uncontrolled Locations	**ARTS #:** BP11	**CRF:** 15
Potential Mid-Block / Unsignalized Crossing Locations:		
▸ This countermeasure could be considered at the mid-block / unsignalized crossing location listed previously (see intersections listed in ARTS # BP10 and BP9 countermeasures)		
Potential Affected Risk Factor and/or Conflict: Mid-block / unsignalized pedestrian crossings vs. vehicles		
Planning Level Countermeasure Cost: $7,000		
Countermeasure: Advance Yield and Stop Markings & Signs	**ARTS #:** BP22	**CRF:** 25
Potential Mid-Block / Unsignalized Crossing Locations:		
▸ This countermeasure could be considered at the mid-block / unsignalized crossing location listed previously (see intersections listed in RTS # BP10 and BP9 countermeasures)		
Potential Affected Risk Factor and/or Conflict: Mid-block / unsignalized pedestrian crossings vs. vehicles		
Planning Level Countermeasure Cost: $7,000		
Countermeasure: Add Sidewalks (Urban Areas)	**ARTS #:** N/A[1]	**CRF:** 80
Potential Segment Locations:		
▸ Segments of 82nd Avenue currently lacking sidewalks or existing impassable sidewalks		
Potential Affected Risk Factor and/or Conflict: Walking in road / on shoulder crashes		
Planning Level Countermeasure Cost: ~$8.50 per foot. Varies based on location and context		
Countermeasure: Access Management (>48 per Mile to 26-48 per Mile)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
▸ Segments of 82nd Avenue with high levels of commercial access (majority of corridor)		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. pedestrian crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[2]		

1. Countermeasure not identified as part of ODOT ARTS program.
2. Cost specific to context and number of access points.

2: Powell Boulevard (US 26), Martin Luther King Jr. Boulevard to SE 82nd Avenue (OR 213)– Portland		
Context: Urban	**ODOT Region:** 1	**Length:** 4.03 miles
Project Location		
From Street: Martin Luther King Jr. Boulevard (MP: 1.00)	**To Street:** SE 82nd Avenue (MP: 5.04)	





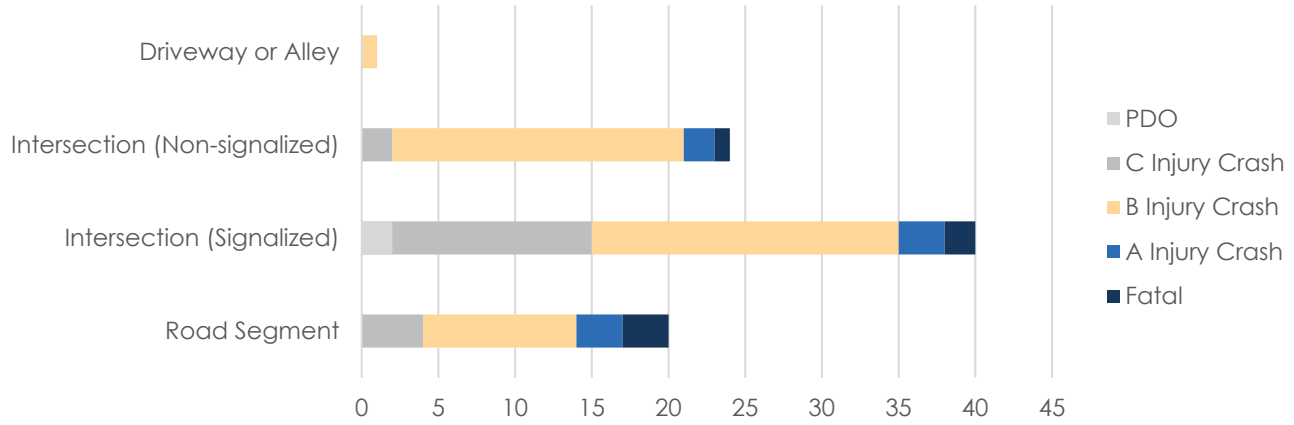




2: Powell Boulevard (US 26), SE 82nd Avenue to Martin Luther King Jr. Boulevard – Portland

Crash History (2007 – 2017)

85 Total Crashes (Pedestrian Involved)



Risk Factors Present:

- Principal Arterial **– All**
- Number of Lanes (>= 4 Lanes) **– All**
- High-Access Density **– Most**
- Posted Speed (>=35 mph) **– All**
- No Sidewalks (or Only One Side) **– Partial**
- Mixed-Use Zoning **– All**
- Proximity to Schools (1 Mile) **– All**
- Proximity to Transit Stops (1/4 Mile) **– All**

Risk Score (Rank): 9.423 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Pedestrian Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- SE Milwaukie Avenue
- SE 21st Avenue
- SE 26th Avenue
- SE 28th Avenue
- SE 33rd Avenue
- SE 39th Avenue
- SE 42nd Avenue
- SE Foster Road
- SE 52nd Avenue
- SE 65th Avenue
- SE 69th Avenue
- SE 71st Avenue
- SE 82nd Avenue

Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles

Planning Level Countermeasure Cost: ~$1,000 per intersection

<table>
<tr><td colspan="2">Countermeasure: Prohibit Right-Turn-On-Red</td><td>ARTS #: BP21</td><td>CRF: 41</td></tr>
<tr><td colspan="4">Potential Intersection Locations (Signalized):</td></tr>
<tr><td>▸ SE Milwaukie Avenue
▸ SE 21st Avenue
▸ SE 26th Avenue
▸ SE 28th Avenue
▸ SE 33rd Avenue</td><td colspan="2">▸ SE 39th Avenue
▸ SE 42nd Avenue
▸ SE Foster Road
▸ SE 52nd Avenue</td><td>▸ SE 65th Avenue
▸ SE 69th Avenue
▸ SE 71st Avenue
▸ SE 82nd Avenue</td></tr>
<tr><td colspan="4">Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. <u>right-turning</u> vehicles</td></tr>
<tr><td colspan="4">Planning Level Countermeasure Cost: ~$7,000 per intersection</td></tr>
<tr><td colspan="2">Countermeasure: Install Rectangular Rapid Flashing Beacon without Median (3-Lane or More Roadway)</td><td>ARTS #: BP9</td><td>CRF: 10</td></tr>
<tr><td colspan="4">Potential Mid-Block / Unsignalized Crossing Locations <u>with</u> existing median:</td></tr>
<tr><td>▸ SE 36th Avenue
▸ SE 45th Avenue
▸ SE 54th Avenue (existing overhead flashing amber beacon)</td><td colspan="2">▸ SE 57th Avenue (~100 feet east of intersection / existing overhead flashing amber beacon)
▸ SE 67th Avenue (west leg of intersection)</td><td>▸ SE 75th Avenue (existing overhead flashing amber beacon))
▸ SE 79th Avenue (east leg of intersection)</td></tr>
<tr><td colspan="4">Potential Affected Risk Factor and/or Conflict: Mid-block / unsignalized pedestrian crossings vs. vehicles</td></tr>
<tr><td colspan="4">Planning Level Countermeasure Cost: $69,000 per location</td></tr>
<tr><td colspan="2">Countermeasure: Install Pedestrian Refuge Island</td><td>ARTS# BP7</td><td>CRF: 31</td></tr>
<tr><td colspan="4">Potential Mid-Block / Unsignalized Crossing Locations <u>with</u> beacon & <u>without</u> existing median:</td></tr>
<tr><td colspan="4">▸ SE 47th Street (transit stop – existing crossing 80 feet east of intersection)</td></tr>
<tr><td colspan="4">Potential Affected Risk Factor and/or Conflict: Mid-block / unsignalized pedestrian crossings vs. vehicles</td></tr>
<tr><td colspan="4">Planning Level Countermeasure Cost: $42,000 per location</td></tr>
</table>

Countermeasure: Install Continental Crosswalk Markings and Advance Pedestrian Warning Signs at Uncontrolled Locations	**ARTS #:** BP11	**CRF:** 15
Potential Mid-Block / Unsignalized Crossing Locations:		
▸ This countermeasure could be considered at the mid-block / unsignalized crossing location listed previously(see intersections listed in ARTS # BP9 and BP7 countermeasures)		
Potential Affected Risk Factor and/or Conflict: Mid-block / unsignalized pedestrian crossings vs. vehicles		
Planning Level Countermeasure Cost: $7,000		
Countermeasure: Advance Yield and Stop Markings & Signs	**ARTS #:** BP22	**CRF:** 25
Potential Mid-Block / Unsignalized Crossing Locations:		
▸ This countermeasure could be considered at the mid-block / unsignalized crossing location listed previously (see intersections listed in ARTS # BP9 and BP7 countermeasures)		
Potential Affected Risk Factor and/or Conflict: Mid-block / unsignalized pedestrian crossings vs. vehicles		
Planning Level Countermeasure Cost: $7,000		
Countermeasure: Add Sidewalks (Urban Areas)	**ARTS #:** N/A[1]	**CRF:** 80
Potential Segment Locations:		
▸ Segments of Powell Boulevard currently lacking sidewalks or existing impassable sidewalks		
Potential Affected Risk Factor and/or Conflict: Walking in road / on shoulder crashes		
Planning Level Countermeasure Cost: ~$8.50 per foot. Varies based on location and context		
Countermeasure: Access Management (>48 per Mile to 26-48 per Mile)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
▸ Segments of Powell Boulevard with high levels of commercial access (majority of corridor)		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. pedestrian crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[2]		

1. Countermeasure not identified as part of ODOT ARTS program.
2. Cost specific to context and number of access points.

3: N State Street (OR43), SE Terwilliger Boulevard to Foothills Road – Lake Oswego		
Context: Urban	**ODOT Region:** 1	**Length:** 0.52 miles
Project Location		
From Street: SE Terwilliger Boulevard (MP: 5.73)	**To Street:** Foothills Road (MP: 6.25)	





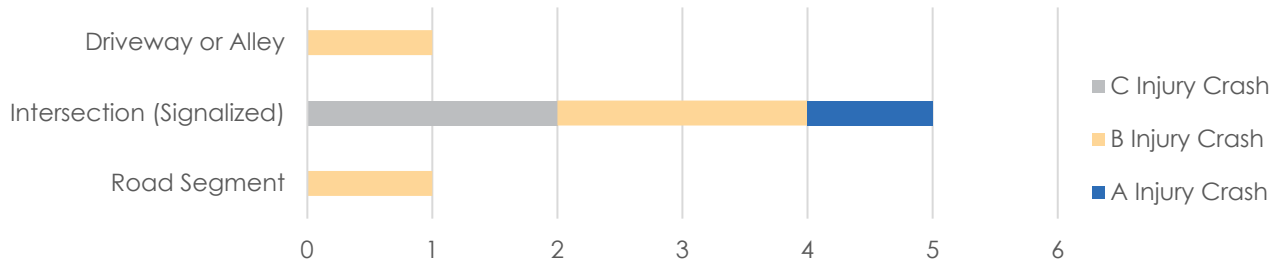




3: N State Street (OR43), SE Terwilliger Boulevard to Foothills Road – Lake Oswego

Crash History (2007 – 2017)

7 Total Crashes (Pedestrian Involved)



Risk Factors Present:

- Principal Arterial **– Partial**
- Number of Lanes (>= 4 Lanes) **– All**
- High-Access Density **– Most**
- Posted Speed (>=35 mph) **– Most**
- No Sidewalks (or Only One Side) **– Partial**
- Mixed-Use Zoning **– All**
- Proximity to Schools (1 Mile) **– All**
- Proximity to Transit Stops (1/4 Mile) **– All**

Risk Score (Rank): 9.223 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Pedestrian Interval at Signalized Intersections	**ARTS#:** BP3	**CRF:** 37

Potential Intersection Locations (Signalized):

- B Avenue
- A Avenue
- Foothills Road

Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles

Planning Level Countermeasure Cost: ~$1,000 per intersection

Countermeasure: Install No Pedestrian Phase Feature with Flashing Yellow Arrow	**ARTS #:** BP4	**CRF:** 43

Potential Intersection Locations (Signalized):

- B Avenue

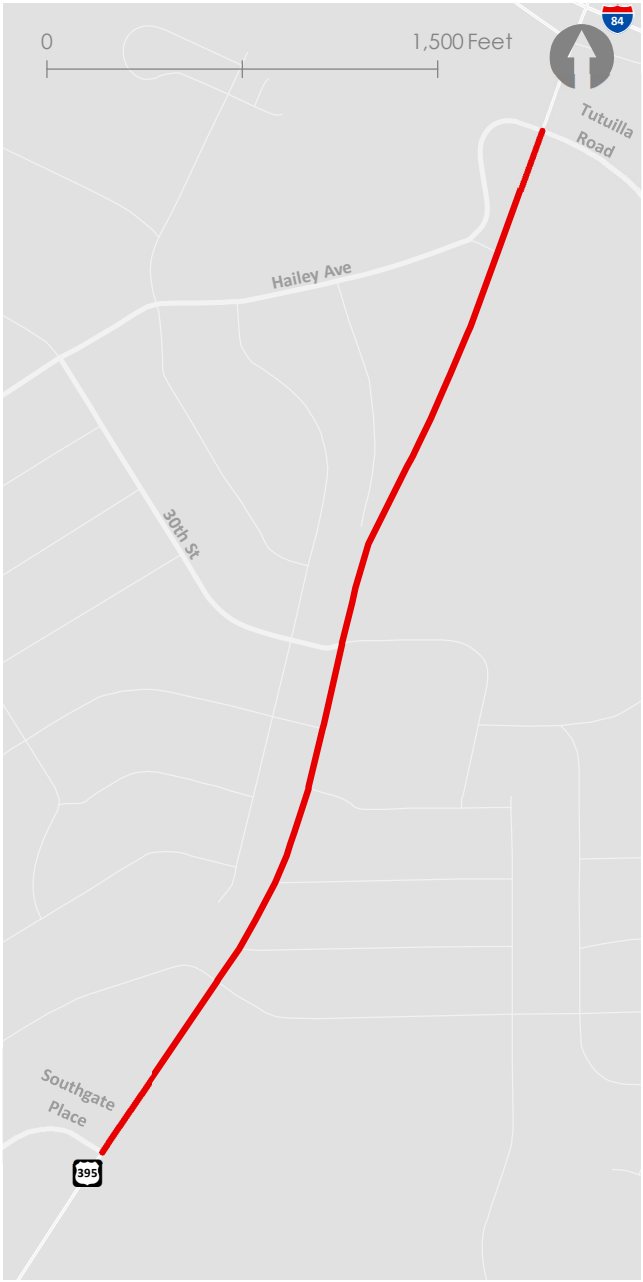
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. *left-turning* vehicles

Planning Level Countermeasure Cost: ~1,000

Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ B Avenue ▸ A Avenue ▸ Foothills Road		
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. *right-turning* vehicles		
Planning Level Countermeasure Cost: ~$7,000 per intersection		
Countermeasure: Install Rectangular Rapid Flashing Beacon with Median (3-Lane or More Roadway)	**ARTS #:** BP10	**CRF:** 56
Potential Mid-Block / Unsignalized Crossing Locations *without* existing medians:		
▸ E Avenue (transit stop located on east side of intersection; no crossing provided)		
Potential Affected Risk Factor and/or Conflict: Midblock crossings and pedestrian crossings vs. vehicles		
Planning Level Countermeasure Cost: $173,000 per location		
Countermeasure: Add Sidewalks (Urban Areas)	**ARTS #:** N/A[1]	**CRF:** 80
Potential Segment Locations:		
▸ Segments of N State Street currently lacking sidewalks		
Potential Affected Risk Factor and/or Conflict: Walking in road / on shoulder crashes		
Planning Level Countermeasure Cost: ~$8.50 per foot. Varies based on location and context		
Countermeasure: Access Management (>48 per Mile to 26-48 per Mile)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
▸ Segments of N State Street with high levels of commercial access (B Avenue to SE Terwilliger Boulevard).		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. pedestrian crashes at driveways		

1. Countermeasure not identified as part of ODOT ARTS program.

4: Southgate (US 395), Tutuilla Road/Hailey Avenue to Southgate Place – Pendleton		
Context: Urban	**ODOT Region:** 5	**Length:** 0.81 miles
Project Location		
From Street: Tutuilla Road/Hailey Avenue (MP: 1.77)	**To Street:** Southgate Place (MP: 2.67)	









4: Southgate (US 395), Tutuilla Road/Hailey Avenue to Southgate Place – Pendleton

Crash History (2007 – 2017)

0 Total Crashes (Pedestrian Involved)



Risk Factors Present:

▸ Principal Arterial **– All**	▸ No Sidewalks (or Only One Side) **– Most**	**Risk Score (Rank):** 9.095 (Top 20%)
▸ Number of Lanes (>= 4 Lanes) **– All**	▸ Mixed-Use Zoning **– None**	
▸ High-Access Density **– All**	▸ Proximity to Schools (1 Mile) **– All**	
▸ Posted Speed (>=35 mph) **– All**	▸ Proximity to Transit Stops (1/4 Mile) **– Most**	

Potential Countermeasures

Countermeasure: Install Urban Leading Pedestrian Interval at Signalized Intersections	**ARTS #:** BP3	**CRF:** 37

Potential Intersection Locations (Signalized):

▸ Hailey Avenue	▸ SW 30th Avenue	▸ SW Perkins Street

Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles

Planning Level Countermeasure Cost: ~$1,000 per intersection

Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41

Potential Intersection Locations (Signalized):

▸ Hailey Avenue	▸ SW 30th Avenue	▸ SW Perkins Street

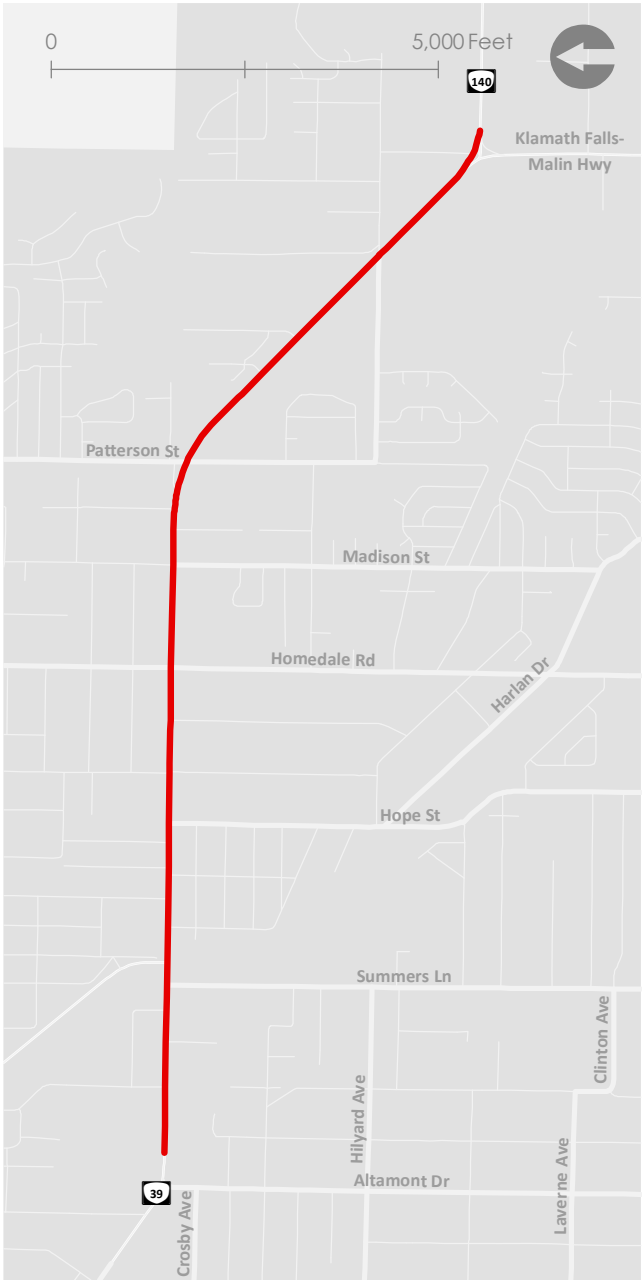
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. *right-turning* vehicles

Planning Level Countermeasure Cost: ~$7,000/intersection

Countermeasure: Provide Intersection Lighting	**ARTS #:** BP2	**CRF:** 42
Potential Intersection Locations:		
▸ SW Perkins Avenue	▸ SW 30th Street	
Potential Affected Risk Factor and/or Conflict: Pedestrian crossing vs. vehicles at night		
Planning Level Countermeasure Cost: ~$8,000 per intersection		
Countermeasure: Add Sidewalks (Urban Areas)	**ARTS #:** N/A[1]	**CRF:** 80
Potential Segment Locations:		
East side of US 395 between SW Perkins Avenue and Southgate Place		
Potential Affected Risk Factor and/or Conflict: Walking in road / on shoulder crashes		
Planning Level Countermeasure Cost: ~$8.50 per foot. Varies based on location and context		

1. Countermeasure not identified as part of ODOT ARTS program.

5: 6th Street (OR39), Bisbee Street to Klamath Falls – Malin Highway – Klamath Falls		
Context: Urban	**ODOT Region:** 4	**Length:** 2.78 miles
Project Location		
From Street: Bisbee Street (MP: 2.77)	**To Street:** Klamath Falls – Malin Highway (MP: 5.6)	





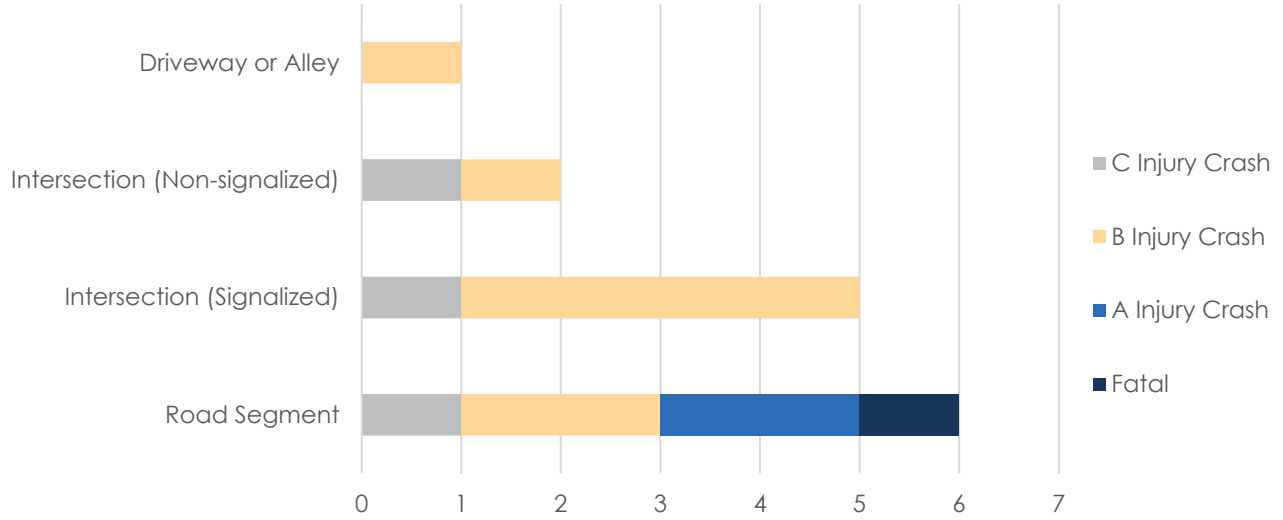




5: 6th Street (OR39), Bisbee Street to Klamath Falls Malin Highway – Klamath Falls

Crash History (2007 – 2017)

14 Total Crashes (Pedestrian Involved)



Risk Factors Present:

- Principal Arterial **– Most**
- Number of Lanes (> 4 Lanes) **– Most**
- High-Access Density **– All**
- Posted Speed (>=35 mph) **– All**
- No Sidewalks (or Only One Side) **– Partial**
- Mixed-Use Zoning **– None**
- Proximity to Schools (1 Mile) **– All**
- Proximity to Transit Stops (1/4 Mile) **– All**

Risk Score (Rank): 9.523 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Pedestrian Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- Crest Street
- Summer Lane
- Hope Street
- Homedale Road
- Madison Street
- Patterson Street
- Home Depot Driveway

Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ Crater Lake Parkway ▸ Hope Street	▸ Homedale Road ▸ Madison Street	▸ Patterson Street ▸ Home Depot Driveway
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. right-turning vehicles		
Planning Level Countermeasure Cost: ~$7,000/intersection		
Countermeasure: Install No Pedestrian Phase Feature with Flashing Yellow Arrow	**ARTS #:** BP4	**CRF:** 43
Potential Intersection Locations (Signalized):		
▸ Crest Street ▸ Summer Lane ▸ Hope Street	▸ Homedale Road ▸ Madison Street	▸ Patterson Street ▸ Home Depot Driveway
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. *left-turning* vehicles		
Planning Level Countermeasure Cost: ~1,000		
Countermeasure: Install Rectangular Rapid Flashing Beacon with Median (3-Lane or More Roadway)	**ARTS #:** BP10	**CRF:** 56
Potential Mid-Block / Unsignalized Crossing Locations *without* existing medians:		
▸ Gary Street (transit stop located on north side of roadway)	▸ Wiard Street	
Note: Only BP10 or BP15 are recommended to be installed at a given location		
Potential Affected Risk Factor and/or Conflict: Midblock / unsignalized pedestrian crossings vs. vehicles		
Planning Level Countermeasure Cost: ~$69,000		

Countermeasure: Install Pedestrian Hybrid Beacon	**ARTS #:** BP15	**CRF:** 55
Potential Mid-Block / Unsignalized Crossing Locations *<u>without</u>* existing medians:		
▸ Gary Street (transit stop located on north side of roadway)	▸ Wiard Street	
Note: Only BP10 <u>or</u> BP15 are recommended to be installed at a given location		
Potential Affected Risk Factor and/or Conflict: Midblock / unsignalized pedestrian crossings vs. vehicles		
Planning Level Countermeasure Cost: ~$155,000		
Countermeasure: Access Management (>48 per Mile to 26-48 per Mile)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
▸ Segments of 6th Street with high levels of commercial access		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. pedestrian crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[2]		

1. Countermeasure not identified as part of ODOT ARTS program.
2. Cost specific to context and number of access points.

6: Oregon Coast Highway (US101), NW 25th Street to NE 2nd Street – Newport

Context: Urban	**ODOT Region:** 2	**Length:** 1.16 miles

Project Location

From Street: NW 25th Street (MP: 139.11)	**To Street:** NE 2nd Street (MP: 140.28)





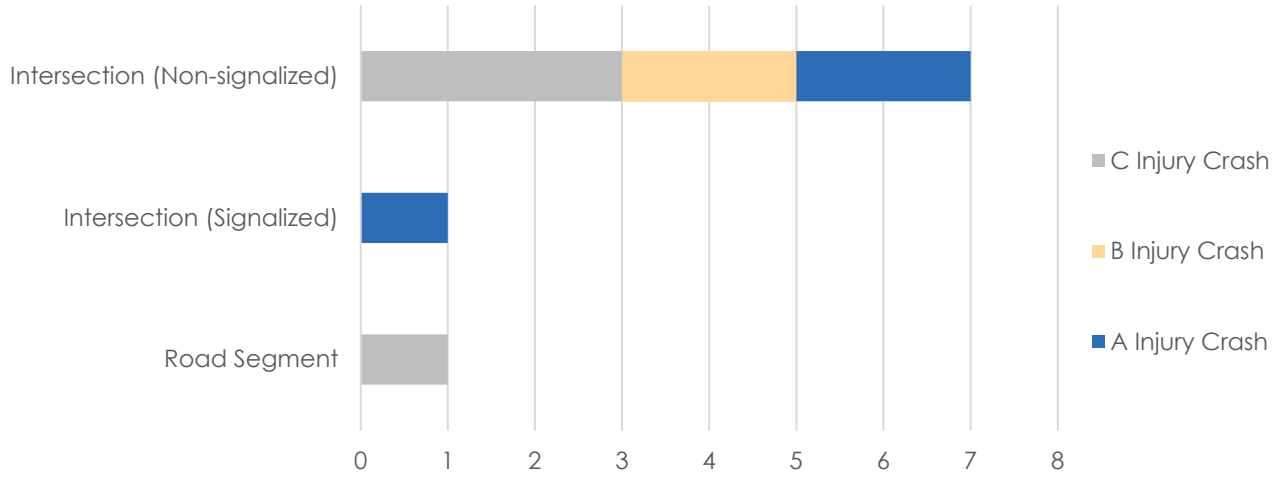




6: Oregon Coast Highway (US101), NW 25th Street to NE 2nd Street – Newport

Crash History (2007 – 2017)

9 Total Crashes (Pedestrian Involved)



Risk Factors Present:

- Principal Arterial **– All**
- Number of Lanes (> 4 Lanes) **– All**
- High-Access Density **– All**
- Posted Speed (>=35 mph) **– All**
- No Sidewalks (or Only One Side) **– None**
- Mixed-Use Zoning **– None**
- Proximity to Schools (1 Mile) **– All**
- Proximity to Transit Stops (1/4 Mile) **– All**

Risk Score (Rank): 9.010 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Pedestrian Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

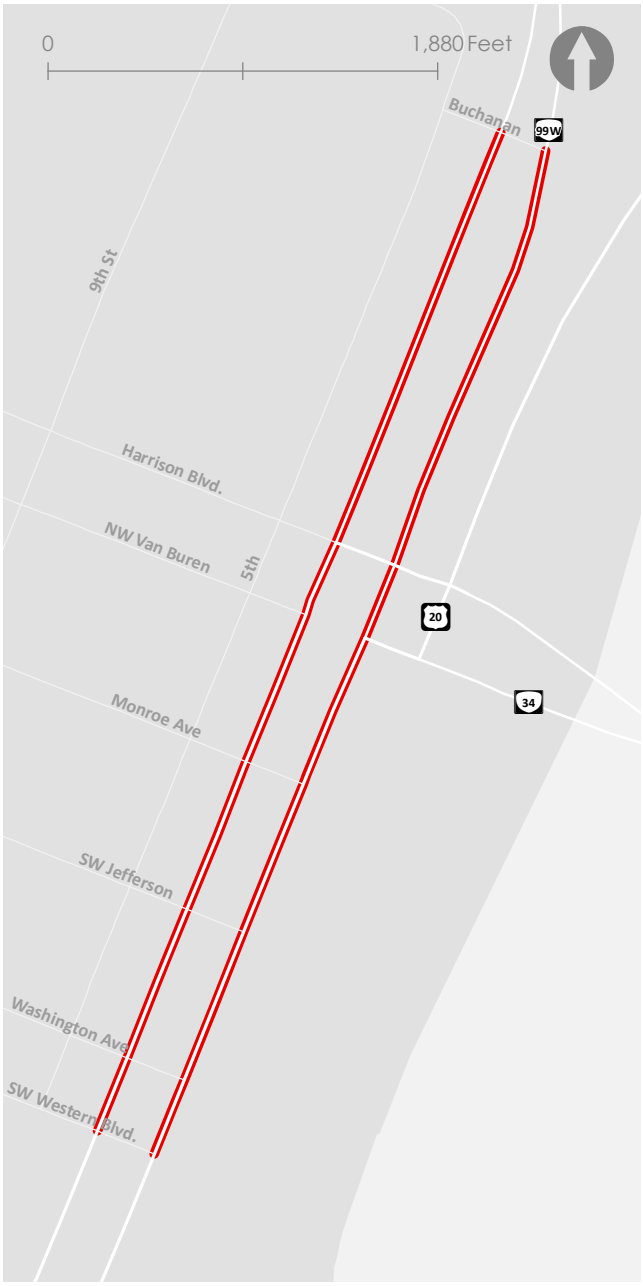
- NW 25th Street
- NW 20th Street
- NW 11th Street
- NW 6th Street

Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

6: Oregon Coast Highway (US101), NW 25th Street to NE 2nd Street – Newport		
Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ NW 25th Street ▸ NW 20th Street	▸ NW 11th Street	▸ NW 6th Street
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections		
Planning Level Countermeasure Cost: ~$7,000/intersection		
Countermeasure: Install Pedestrian Refuge Island	**ARTS #:** BP7	**CRF:** 31
Potential Mid-Block / Unsignalized Crossing Locations *without* existing median:		
▸ NE 4th Street	▸ NE 5th Street	▸ NW 12th Street
Potential Affected Risk Factor and/or Conflict: Pedestrian crossing vs. through vehicle at unsignalized and midblock crossings		
Planning Level Countermeasure Cost: $42,000		
Countermeasure: Install Rectangular Rapid Flashing Beacon with Median (3-Lane or More Roadway)	**ARTS #:** BP10	**CRF:** 56
Potential Mid-Block / Unsignalized Crossing Locations *without* existing medians:		
▸ Approximately 150 feet south of NE 8th Street		
Potential Affected Risk Factor and/or Conflict: Midblock crossings and pedestrian crossings vs. vehicles		
Planning Level Countermeasure Cost: $173,000 per location		

7: Pacific Highway West (OR 99W), NW Buchanan Avenue to SW Western Boulevard – Corvallis		
Context: Urban	**ODOT Region:** 2	**Length:** 1.96 miles
Project Location		
From Street: NW Buchanan Avenue (MP: 82.95)	**To Street:** SW Western Boulevard (MP: 83.93)	





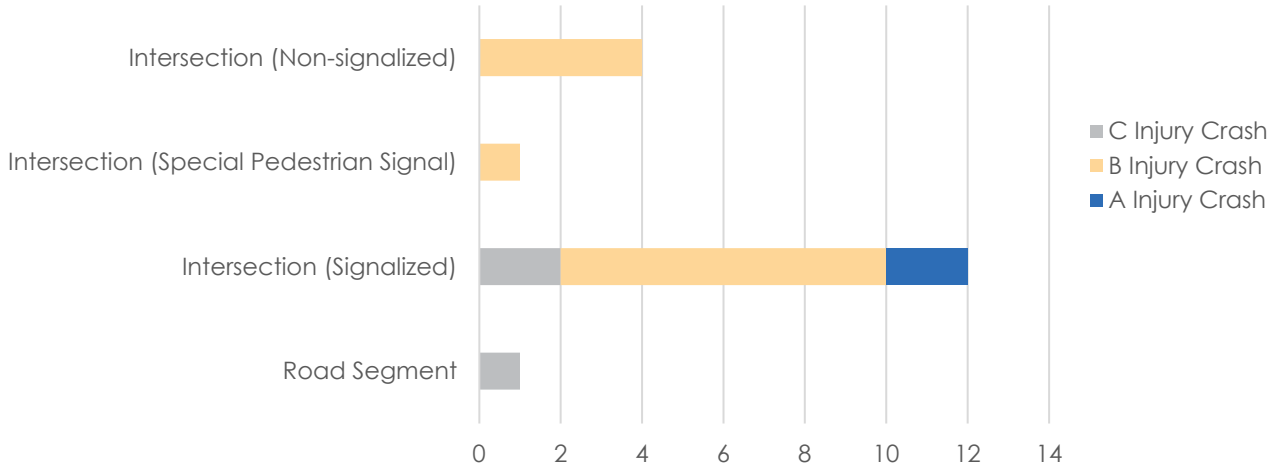




7: Pacific Highway West (OR 99W), NW Buchanan Avenue to SW Western Boulevard – Corvallis

Crash History (2007 – 2017)

18 Total Crashes (Pedestrian Involved)



Risk Factors Present:

- Principal Arterial **– All**
- Number of Lanes (> 4 Lanes) **– All**
- High-Access Density **– All**
- Posted Speed (>=35 mph) **– All**
- No Sidewalks (or Only One Side) **– None**
- Mixed-Use Zoning **– None**
- Proximity to Schools (1 Mile) **– All**
- Proximity to Transit Stops (1/4 Mile) **– All**

Risk Score (Rank): 5.870 (Third 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Pedestrian Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

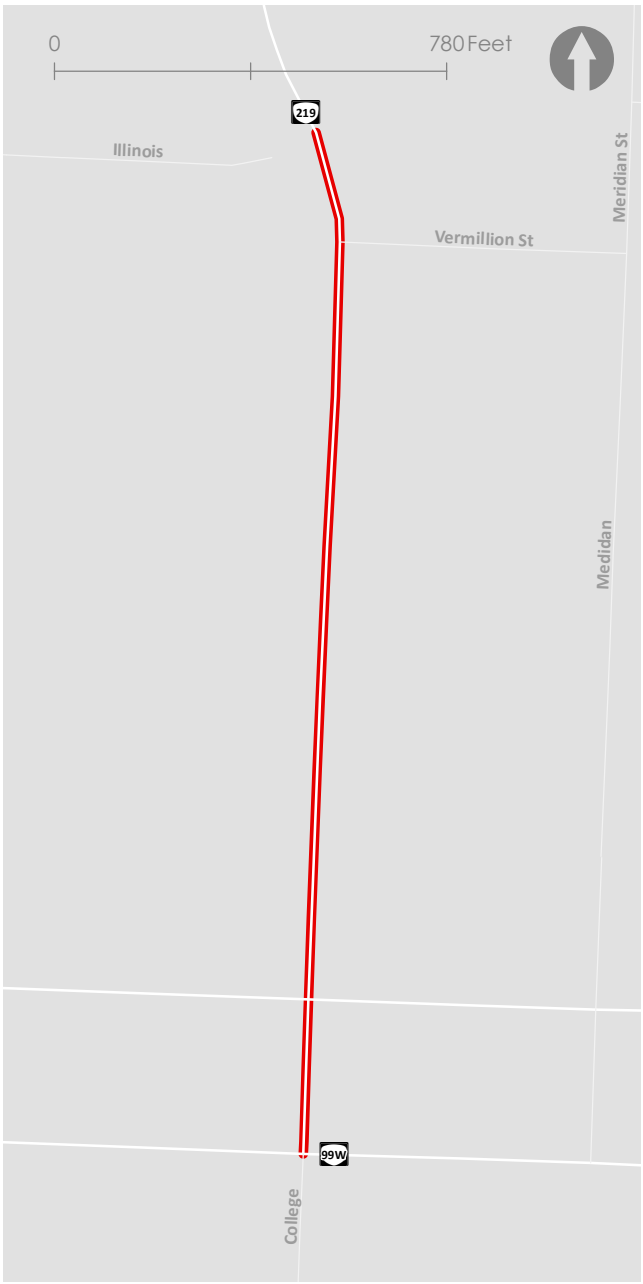
- SW Western Boulevard
- SW Adams Avenue
- SW Jefferson Avenue
- SW Madison Avenue
- SW Monroe Avenue,
- SW Van Buren Avenue,
- SW Harrison Boulevard

Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

<table>
<tr><td colspan="3">Countermeasure: Prohibit Right-Turn-On-Red</td><td>ARTS #: BP21</td><td>CRF: 41</td></tr>
<tr><td colspan="5">Potential Intersection Locations (Signalized):</td></tr>
<tr><td colspan="2">▸ SW Western Boulevard
▸ SW Adams Avenue
▸ SW Jefferson Avenue</td><td colspan="2">▸ SW Madison Avenue
▸ SW Monroe Avenue,</td><td>▸ SW Van Buren Avenue,
▸ SW Harrison Boulevard</td></tr>
<tr><td colspan="5">Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections</td></tr>
<tr><td colspan="5">Planning Level Countermeasure Cost: ~$7,000/intersection</td></tr>
<tr><td colspan="3">Countermeasure: Install Curb Ramps and Extensions with a Marked Crosswalk and Pedestrian Warning Signs</td><td>ARTS #: BP12</td><td>CRF: 37</td></tr>
<tr><td colspan="5">Potential Intersection Locations:</td></tr>
<tr><td colspan="3">▸ SW Washington Avenue
▸ SW Adams Avenue (southbound)
▸ SW Jackson Avenue
▸ NW Tyler Avenue</td><td colspan="2">▸ NW Polk Avenue
▸ SW Jackson Avenue
▸ NW Tyler Avenue
▸ NW Polk Avenue</td></tr>
<tr><td colspan="5">Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. through vehicles and turning vehicles at intersections.</td></tr>
<tr><td colspan="5">Planning Level Countermeasure Cost: $37,000</td></tr>
</table>

8: Hillsboro Silverton (OR219), E Illinois Street to OR 99W – Newberg		
Context: Urban	**ODOT Region:** 2	**Length:** 0.39 miles
Project Location		
From Street: E Illinois Street (MP: 19.83)	**To Street:** OR 99W (MP: 20.19)	





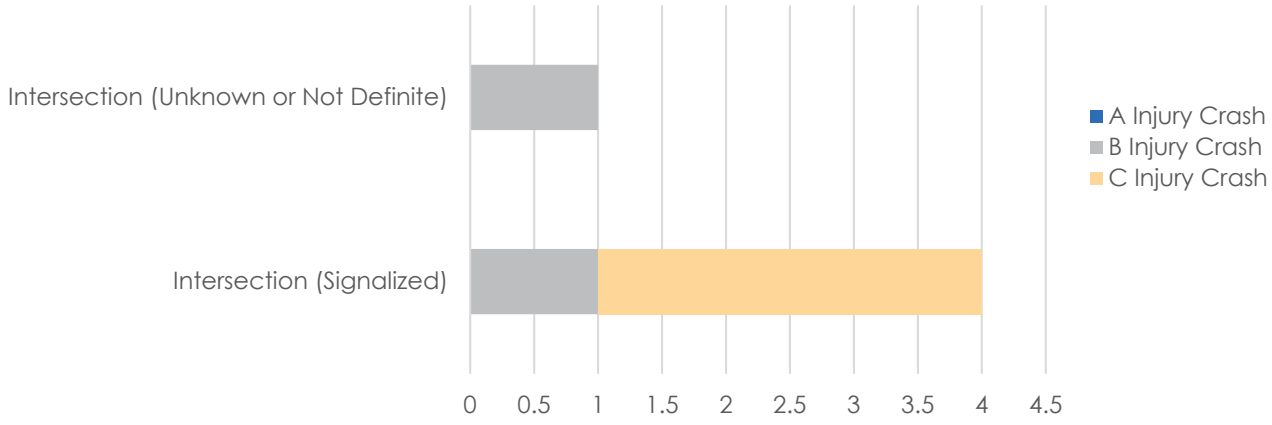




8: Hillsboro Silverton (OR219), E Illinois Street to OR 99W – Newberg

Crash History (2007 – 2017)

5 Total Crashes (Pedestrian Involved)



Risk Factors Present:

- Principal Arterial **– Partial**
- Number of Lanes (> 4 Lanes) **– None**
- High-Access Density **– All**
- Posted Speed (>=35 mph) **– None**
- No Sidewalks (or Only One Side) **– Partial**
- Mixed-Use Zoning **– None**
- Proximity to Schools (1 Mile) **– All**
- Proximity to Transit Stops (1/4 Mile) **– All**

Risk Score (Rank): 4.964 (Fourth 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Pedestrian Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

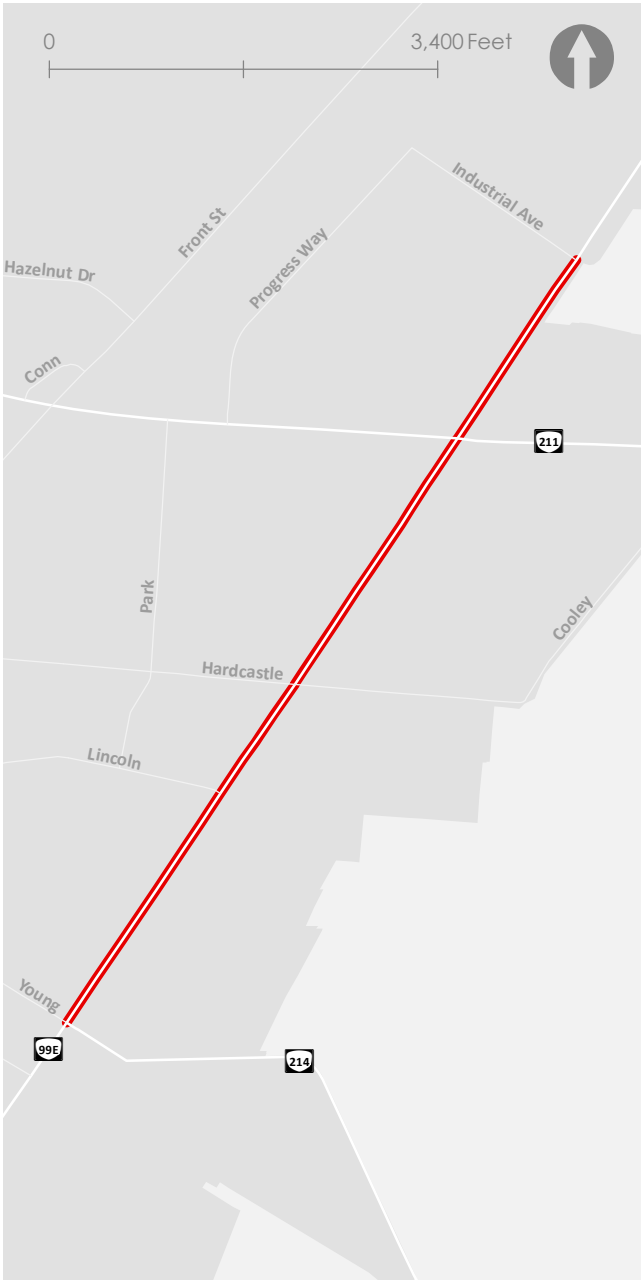
- E First Street
- E Hancock Street

Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ E First Street	▸ E Hancock Street	
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections		
Planning Level Countermeasure Cost: ~$7,000/intersection		
Countermeasure: Install Continental Crosswalk Markings and Advance Pedestrian Warning Signs at Uncontrolled Locations	**ARTS #:** BP11	**CRF:** 15
Potential Intersection Locations (Uncontrolled Movement):		
▸ E North Street ▸ E Franklin Street	▸ E Sherman Street ▸ E Sheridan Street	
Note: Either BP11 or BP12 are recommended		
Potential Affected Risk Factor and/or Conflict: Unsignalized pedestrian crossings vs. vehicles		
Planning Level Countermeasure Cost: $7,000		
Countermeasure: Install Curb Ramps and Extensions with a Marked Crosswalk and Pedestrian Warning Signs	**ARTS #:** BP12	**CRF:** 37
Potential Intersection Locations:		
▸ E North Street ▸ E Franklin Street	▸ E Sherman Street ▸ E Sheridan Street	
Note: Either BP11 or BP12 are recommended		
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. through vehicles and turning vehicles at intersections.		
Planning Level Countermeasure Cost: $37,000		

9: Pacific Highway East (OR 99E), Industrial Avenue to Young Street– Woodburn		
Context: Urban	**ODOT Region:** 2	**Length:** 1.52 miles
Project Location		
From Street: Industrial Avenue (MP: 31.35)	**To Street:** Young Street (MP: 32.87)	





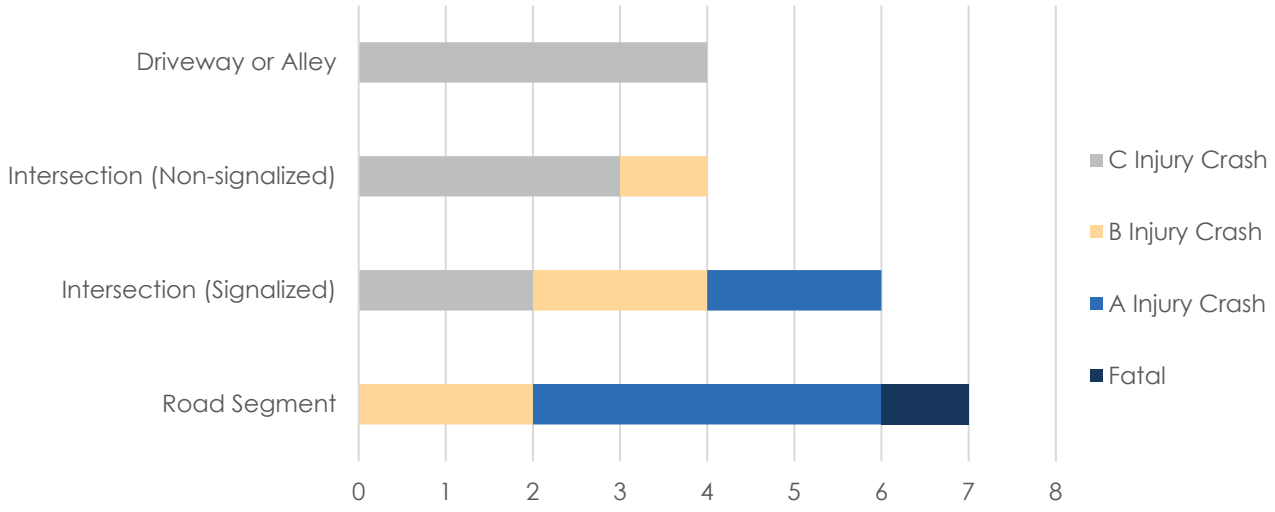




9: Pacific Highway East (OR 99E), Industrial Avenue to Young Street– Woodburn

Crash History (2007 – 2017)

21 Total Crashes (Pedestrian Involved)



Risk Factors Present:

- Principal Arterial **– All**
- Number of Lanes (> 4 Lanes) **– All**
- High-Access Density **– Most**
- Posted Speed (>=35 mph) **– All**
- No Sidewalks (or Only One Side) **– Partial**
- Mixed-Use Zoning **– Partial**
- Proximity to Schools (1 Mile) **– All**
- Proximity to Transit Stops (1/4 Mile) **– All**

Risk Score (Rank): 9.115 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Pedestrian Interval at Signalized Intersections	**ARTS #:** BP3	**CRF:** 37

Potential Intersection Locations (Signalized):

- OR211 (Hillsboro Silverton Highway)
- E Hardcastle Avenue
- E Lincoln Street
- E Young Street

Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Install Rectangular Rapid Flashing Beacon with Median (3-Lane or More Roadway)	**ARTS #:** BP10	**CRF:** 56
Potential Mid-Block / Unsignalized Crossing Locations *without* existing medians:		
▸ Williams Avenue (north leg of intersection ▸ Blaine Street		
Potential Affected Risk Factor and/or Conflict: Midblock crossings and pedestrian crossings vs. vehicles		
Planning Level Countermeasure Cost: $173,000 per location		
Countermeasure: Install No Pedestrian Phase Feature with Flashing Yellow Arrow	**ARTS #:** BP4	**CRF:** 43
Potential Intersection Locations (Signalized):		
▸ E Young Street ▸ E Lincoln Road		
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. *left-turning* vehicles		
Planning Level Countermeasure Cost: ~$1,000 per intersection		
Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ OR211 (Hillsboro Silverton Highway) ▸ E Hardcastle Avenue ▸ E Lincoln Street ▸ E Young Street		
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections		
Planning Level Countermeasure Cost: ~$7,000/intersection		
Countermeasure: Add sidewalks (Urban Areas)	**ARTS #:** N/A[1]	**CRF:** 80
Potential Segment Locations:		
▸ Segments of 1st Street (OR 99E) currently lacking sidewalks		
Potential Affected Risk Factor and/or Conflict: Segment crashes		
Planning Level Countermeasure Cost: ~$8.50 per foot. Varies based on location and context		

Countermeasure: Access management (>48 per mi to 26-48 per mi)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
▸ Segments of Pacific Highway E (OR 99E) with high levels of commercial access (All)		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. pedestrian crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[2]		

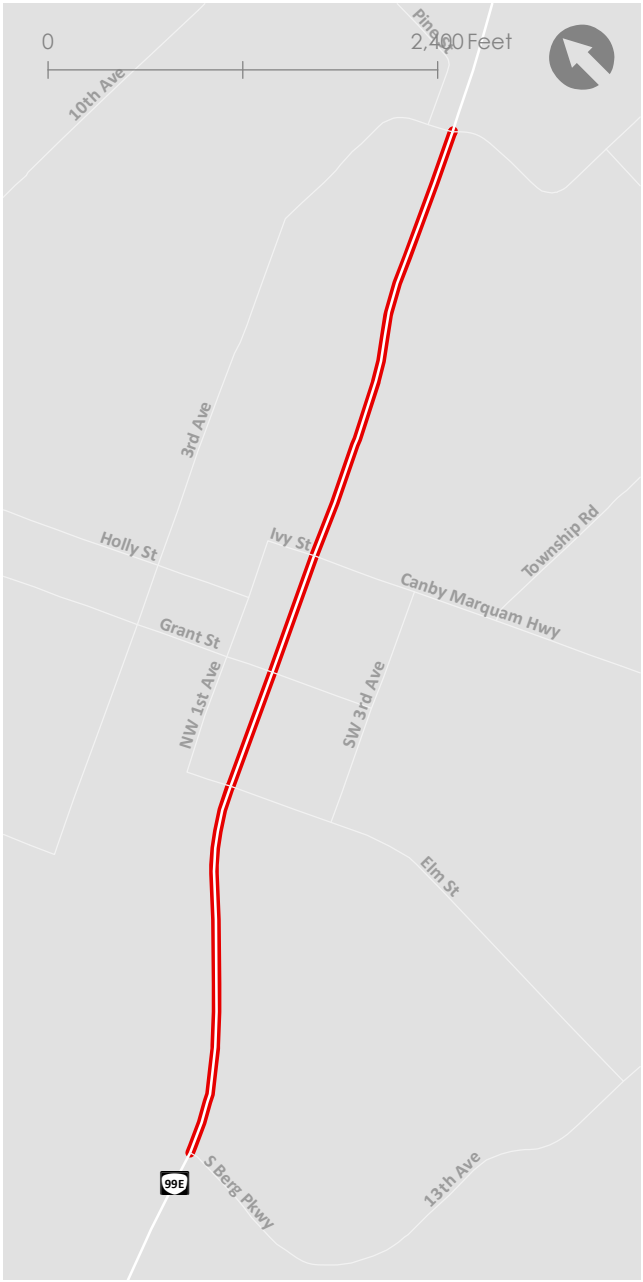
1. Countermeasure not identified as part of ODOT ARTS program.
2. Cost specific to context and number of access points.

10: 1st Street (OR 99E), Pine Street to SW Berg Parkway – Canby

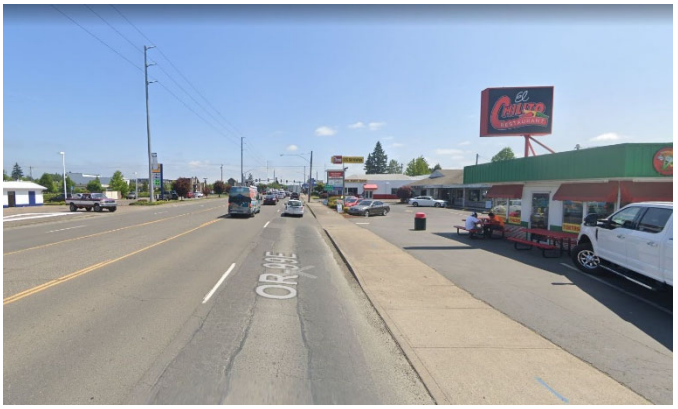
Context: Urban	**ODOT Region:** 1	**Length:** 1.24 miles

Project Location

From Street: Pine Street (MP: 20.62)	**To Street:** SW Berg Parkway (MP: 21.86)





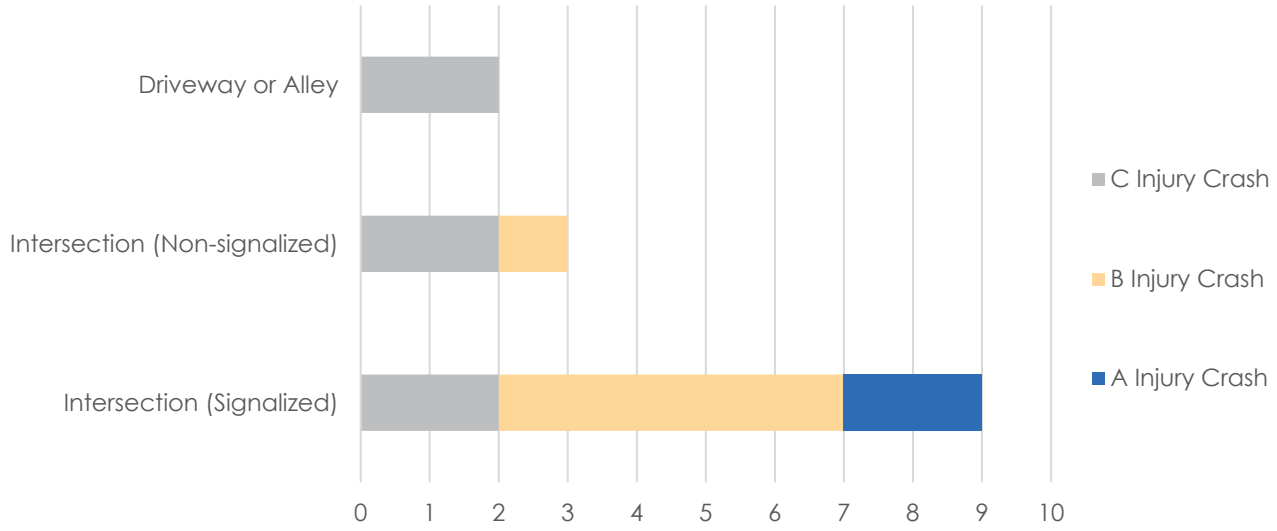




10: 1st Street (OR 99E), Pine Street to SW Berg Parkway – Canby

Crash History (2007 – 2017)

14 Total Crashes (Pedestrian Involved)



Risk Factors Present:

- Principal Arterial **– All**
- Number of Lanes (> 4 Lanes) **– All**
- High-Access Density **– Most**
- Posted Speed (>=35 mph) **– All**
- No Sidewalks (or Only One Side) **– All**
- Mixed-Use Zoning **– Most**
- Proximity to Schools (1 Mile) **– All**
- Proximity to Transit Stops (1/4 Mile) **– All**

Risk Score (Rank): 10.261 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Pedestrian Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- S Pine Street
- S Ivy Street
- S Grant Street
- S Elm Street
- S Berg Parkway

Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Install No Pedestrian Phase Feature with Flashing Yellow Arrow	**ARTS #:** BP4	**CRF:** 43
Potential Intersection Locations (Signalized):		
▸ S Grant Street ▸ S Elm Street		
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. *left-turning* vehicles		
Planning Level Countermeasure Cost: ~$1,000 per intersection		
Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ S Pine Street ▸ S Ivy Street	▸ S Grant Street ▸ S Elm Street	▸ S Berg Parkway
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections		
Planning Level Countermeasure Cost: ~$7,000/intersection		
Countermeasure: Add sidewalks (Urban Areas)	**ARTS #:** N/A[1]	**CRF:** 80
Potential Segment Locations:		
▸ Segments of 1st Street (OR 99E) currently lacking sidewalks		
Potential Affected Risk Factor and/or Conflict: Segment crashes		
Planning Level Countermeasure Cost: ~$8.50 per foot. Varies based on location and context		
Countermeasure: Access management (>48 per mi to 26-48 per mi)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
▸ Segments of 1st Street (OR 99E) with high levels of commercial access		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. pedestrian crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[2]		

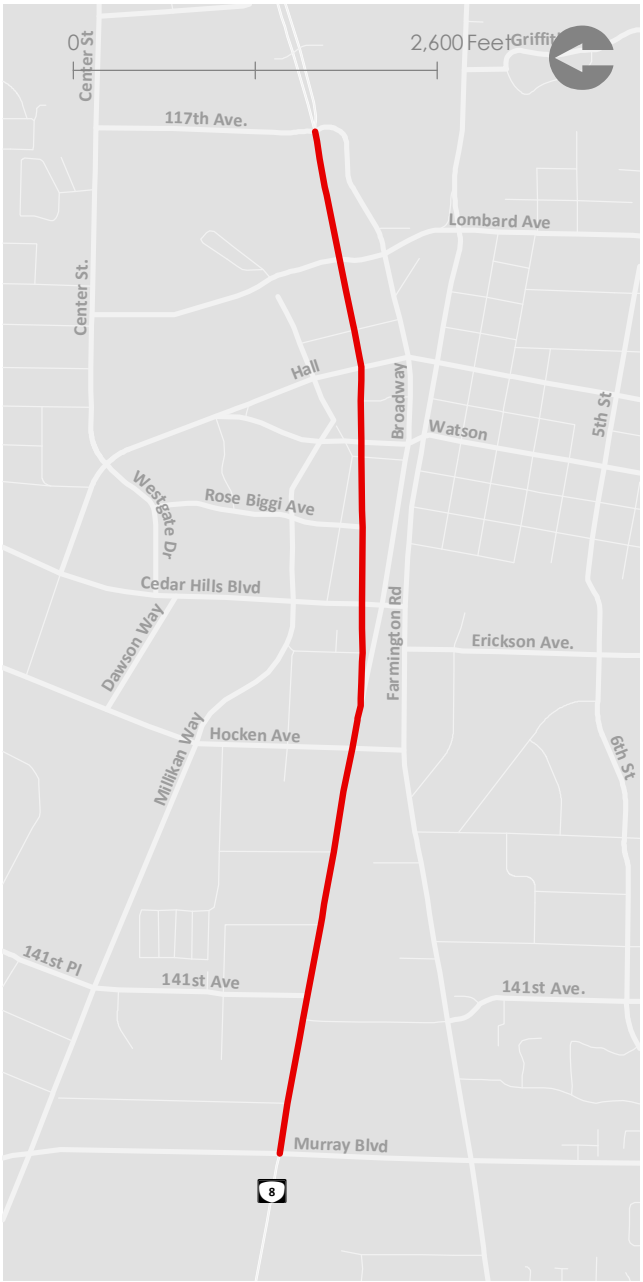
1. Countermeasure not identified as part of ODOT ARTS program.
2. Cost specific to context and number of access points.

11: Canyon Road (OR 8), 117th Avenue to Murray Boulevard – Beaverton

Context: Urban	**ODOT Region:** 1	**Length:** 1.39 miles

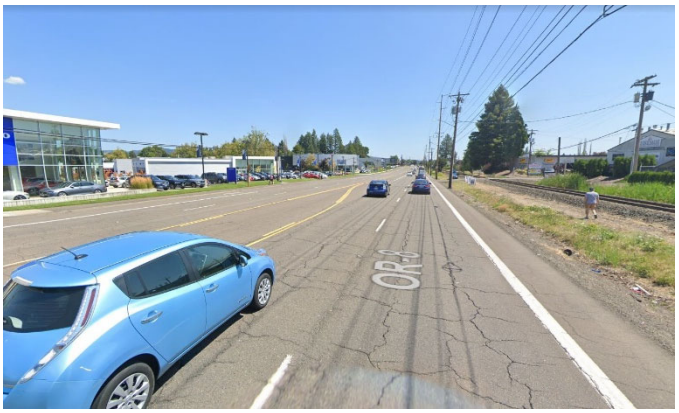
Project Location

From Street: 117th Avenue (MP: 3.18)	**To Street:** Murray Boulevard (MP: 4.58)





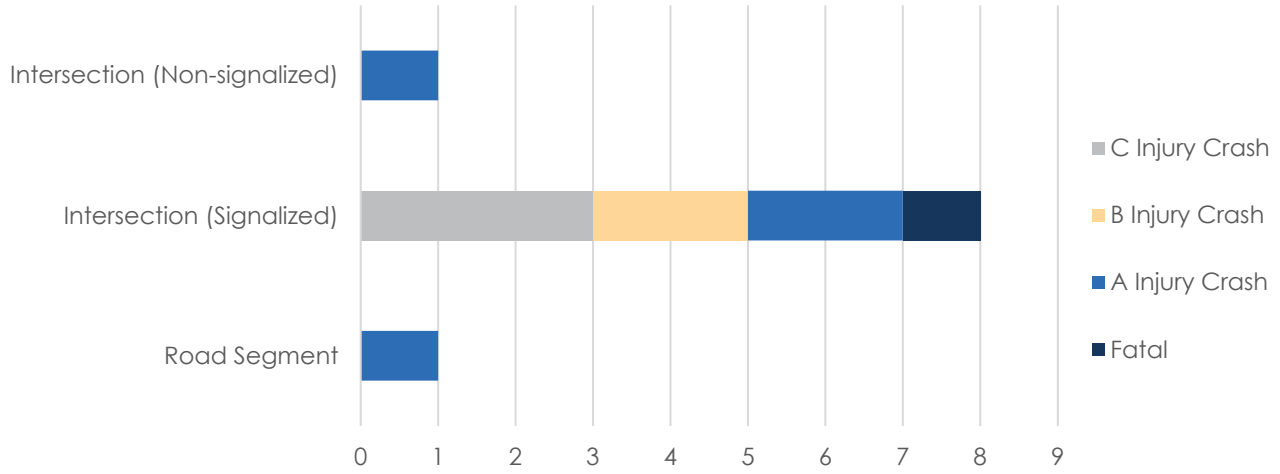




11: Canyon Road (OR 8), 117th Avenue to Murray Boulevard – Beaverton

Crash History (2007 – 2017)

10 Total Crashes (Pedestrian Involved)



Risk Factors Present:

- Principal Arterial **– All**
- Number of Lanes (> 4 Lanes) **– All**
- High-Access Density **– Most**
- Posted Speed (>=35 mph) **– All**
- No Sidewalks (or Only One Side) **– Minor**
- Mixed-Use Zoning **– All**
- Proximity to Schools (1 Mile) **– All**
- Proximity to Transit Stops (1/4 Mile) **– All**

Risk Score (Rank): 9.692 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Pedestrian Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- SW 117th Avenue
- SW Lombard Avenue
- SW Hall Boulevard
- SW Watson Avenue
- SW Cedar Hills Boulevard
- SW Hocken Avenue
- SW Murray Boulevard

Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Install No Pedestrian Phase Feature with Flashing Yellow Arrow	**ARTS #:** BP4	**CRF:** 43
Potential Intersection Locations (Signalized):		
▸ SW Lombard Avenue ▸ SW Cedar Hills Boulevard ▸ SW Hocken Avenue		
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. *left-turning* vehicles		
Planning Level Countermeasure Cost: ~$1,000 per intersection		
Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ SW 117th Avenue ▸ SW Lombard Avenue ▸ SW Hall Boulevard ▸ SW Watson Avenue ▸ SW Cedar Hills Boulevard ▸ SW Hocken Avenue ▸ SW Murray Boulevard		
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections		
Planning Level Countermeasure Cost: ~$7,000/intersection		
Countermeasure: Provide Intersection Lighting	**ARTS #:**BP2	**CRF:** 42
Potential Intersection Locations:		
▸ SW Watson Avenue		
Potential Affected Risk Factor and/or Conflict: Pedestrian crossing vs. vehicles at night		
Planning Level Countermeasure Cost: ~$8,000 per intersection		
Countermeasure: Add sidewalks (Urban Areas)	**ARTS #:** N/A[1]	**CRF:** 80
Potential Segment Locations:		
▸ South side of SW Canyon Road (OR 8) west of SW Cedar Hills Boulevard		
Potential Affected Risk Factor and/or Conflict: Segment crashes		
Planning Level Countermeasure Cost: ~$8.50 per foot. Varies based on location and context		

Countermeasure: Access management (>48 per mi to 26-48 per mi)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
▸ Segments of Canyon Road (OR 8) with high levels of commercial access		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. pedestrian crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[2]		

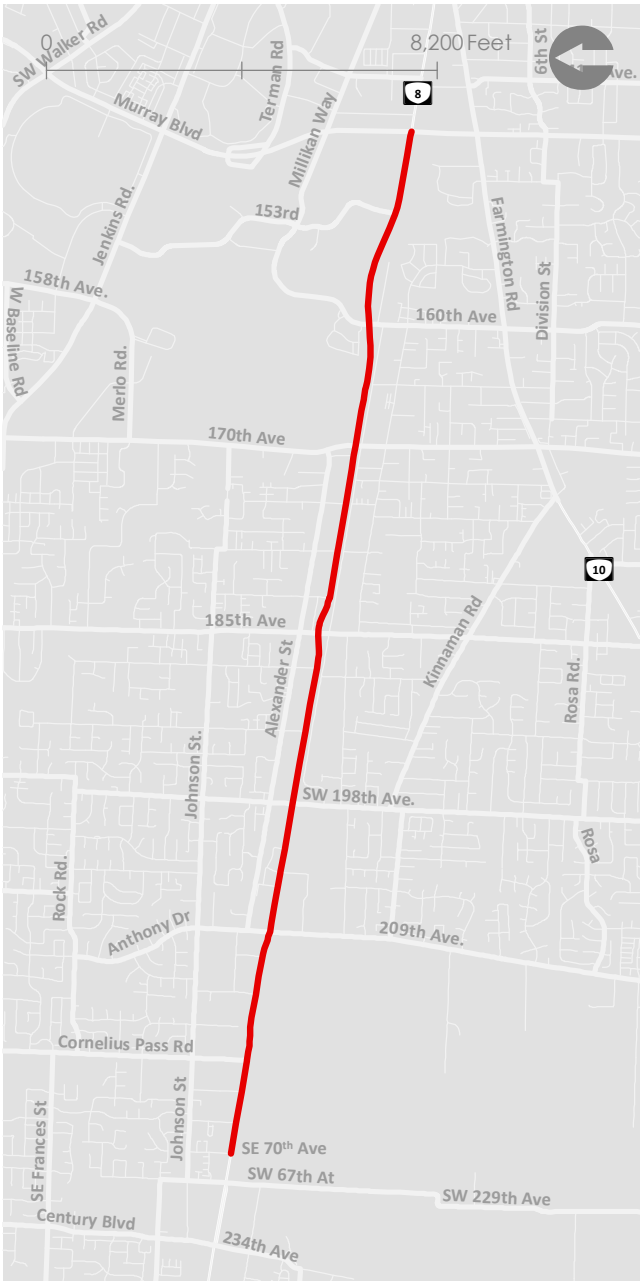
1. Countermeasure not identified as part of ODOT ARTS program.
2. Cost specific to context and number of access points.

12: Tualatin Valley Highway (OR 8), Murray Boulevard to SE 70th Avenue – Aloha

Context: Urban	**ODOT Region:** 1	**Length:** 4.13 miles

Project Location

From Street: Murray Boulevard (MP: 4.58)	**To Street:** SE 70th Avenue (MP: 8.69)





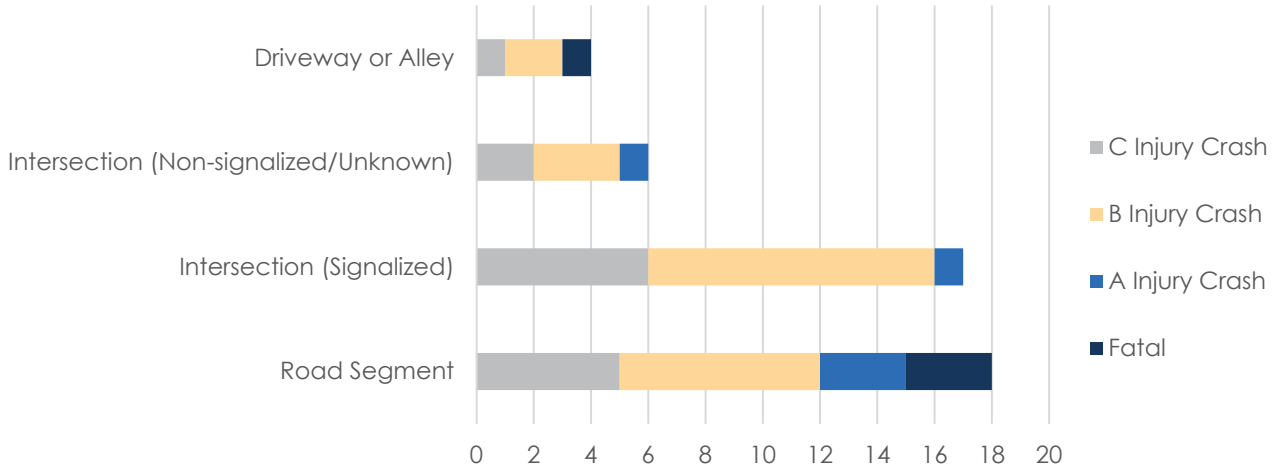




12: Tualatin Valley Highway (OR 8), SE Murray Boulevard to SE 70th Avenue – Aloha

Crash History (2007 – 2017)

45 Total Crashes (Pedestrian Involved)



Risk Factors Present:

- Principal Arterial **– All**
- Number of Lanes (> 4 Lanes) **– All**
- High-Access Density **– Minor**
- Posted Speed (>=35 mph) **– All**
- No Sidewalks (or Only One Side) **– Most**
- Mixed-Use Zoning **– Most**
- Proximity to Schools (1 Mile) **– All**
- Proximity to Transit Stops (1/4 Mile) **– All**

Risk Score (Rank): 9.264 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Pedestrian Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- SW 160th Avenue
- SW 170th Avenue
- SW 178th Avenue
- SW 185th Avenue
- SW 198th Avenue
- SW Industrial Way
- SW 209th Avenue
- SW Cornelius Pass Road

Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections

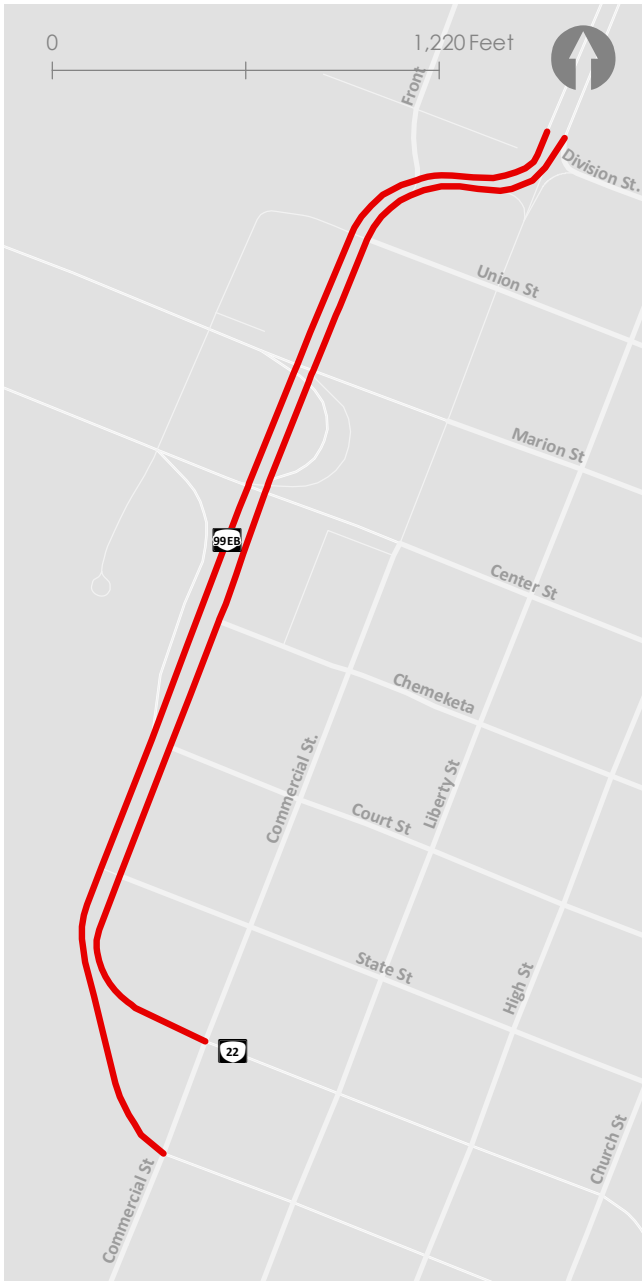
Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Install No Pedestrian Phase Feature with Flashing Yellow Arrow	**ARTS #:** BP4	**CRF:** 43
Potential Intersection Locations (Signalized):		
▸ SW 160th Avenue ▸ SW 178th Avenue	▸ SW 185th Avenue ▸ SW 198th Avenue	▸ SW Industrial Way ▸ SW Cornelius Pass Road
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. *left-turning* vehicles		
Planning Level Countermeasure Cost: ~$1,000 per intersection		
Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ SW 160th Avenue ▸ SW 170th Avenue ▸ SW 178th Avenue	▸ SW 185th Avenue ▸ SW 198th Avenue ▸ SW Industrial Way	▸ SW 209th Avenue ▸ SW Cornelius Pass Road
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections		
Planning Level Countermeasure Cost: ~$7,000/intersection		
Countermeasure: Install Rectangular Rapid Flashing Beacon with Median (3-Lane or More Roadway)	**ARTS #:** BP10	**CRF:** 56
Potential Mid-Block / Unsignalized Crossing Locations *without* existing medians:		
▸ East leg of driveway to Levi Anderson Learning Center/St Mary's Home for Boys ▸ SW 174th Avenue (transit stop – east leg of intersection) ▸ ~ 300 feet east of SW 182nd Avenue (transit stop – mid-block) ▸ ~ 560 feet east of SW 192nd Avenue (transit stop – mid-block) ▸ SW 192nd Avenue (transit stop – east leg of intersection) ▸ ~ 480 feet east of SW 209th Avenue (transit stop – mid-block) ▸ SW 215th Avenue (transit stop – east leg of intersection) *Note: Either BP10 or BP15 are recommended to be installed at a given location*		
Potential Affected Risk Factor and/or Conflict: Midblock crossings and pedestrian crossings vs. vehicles		
Planning Level Countermeasure Cost: $173,000 per location		

Countermeasure: Install Pedestrian Hybrid Beacon	**ARTS #:** BP15	**CRF:** 55
Potential Intersection Locations (Unsignalized):		
▸ East leg of driveway to Levi Anderson Learning Center/St Mary's Home for Boys ▸ SW 174th Avenue (transit stop – east leg of intersection) ▸ ~ 300 feet east of SW 182nd Avenue (transit stop – mid-block) ▸ ~ 560 feet east of SW 192nd Avenue (transit stop – mid-block) ▸ SW 192nd Avenue (transit stop – east leg of intersection) ▸ ~ 480 feet east of SW 209th Avenue (transit stop – mid-block) ▸ SW 215th Avenue (transit stop – east leg of intersection) *Note: Either BP10 or BP15 are recommended to be installed at a given location*		
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. through vehicles at unsignalized intersections.		
Planning Level Countermeasure Cost: ~$206,000 per intersection		
Countermeasure: Provide Intersection Lighting	**ARTS #:** BP2	**CRF:** 42
Potential Intersection Locations:		
▸ SW Industrial Way ▸ SW 209th Avenue		
Potential Affected Risk Factor and/or Conflict: Pedestrian crossing vs. vehicles at night		
Planning Level Countermeasure Cost: ~$8,000 per intersection		
Countermeasure: Add sidewalks (Urban Areas)	**ARTS #:** N/A[1]	**CRF:** 80
Potential Segment Locations:		
▸ Segments of TV Highway (OR 8) currently lacking sidewalks		
Potential Affected Risk Factor and/or Conflict: Segment crashes		
Planning Level Countermeasure Cost: ~$8.50 per foot. Varies based on location and context		

1. Countermeasure not identified as part of ODOT ARTS program.

13: Salem Highway (OR 99E), Division Street to Commercial Street – Salem		
Context: Urban	**ODOT Region:** 2	**Length:** 1.42 miles
Project Location		
From Street: Division Street (MP: 4.73)	**To Street:** Commercial Street (MP: 5.43)	





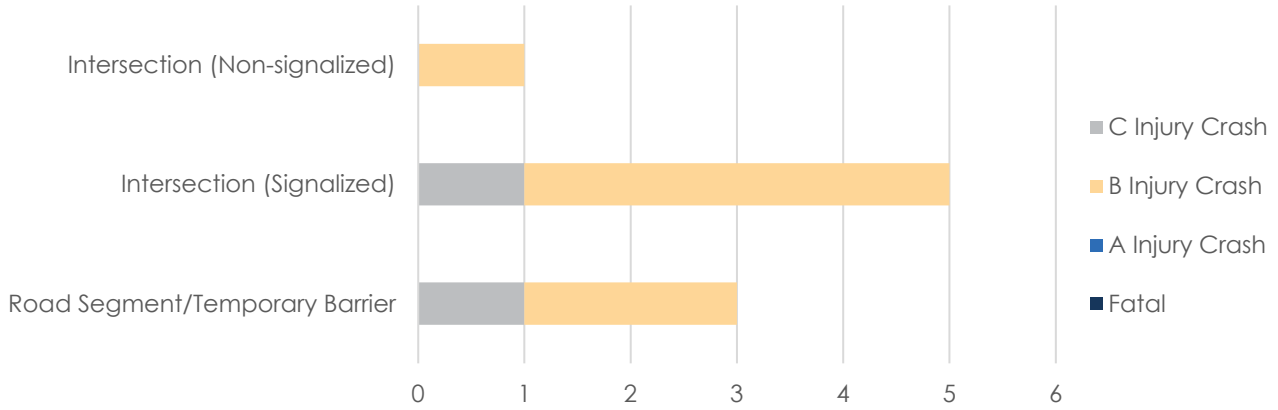




13: Salem Highway (OR 99E), Division Street to Commercial Street – Salem

Crash History (2007 – 2017)

9 Total Crashes (Pedestrian Involved)



Risk Factors Present:

- Principal Arterial **– All**
- Number of Lanes (> 4 Lanes) **– Minor**
- High-Access Density **– Most**
- Posted Speed (>=35 mph) **– All**
- No Sidewalks (or Only One Side) **– Minor**
- Mixed-Use Zoning **– Minor**
- Proximity to Schools (1 Mile) **– All**
- Proximity to Transit Stops (1/4 Mile) **– All**

Risk Score (Rank): 8.347 (Second 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Pedestrian Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- Division Street
- Court Street
- Commercial Street/Ferry Street
- Union Street
- State Street
- Commercial Street/Trade Street

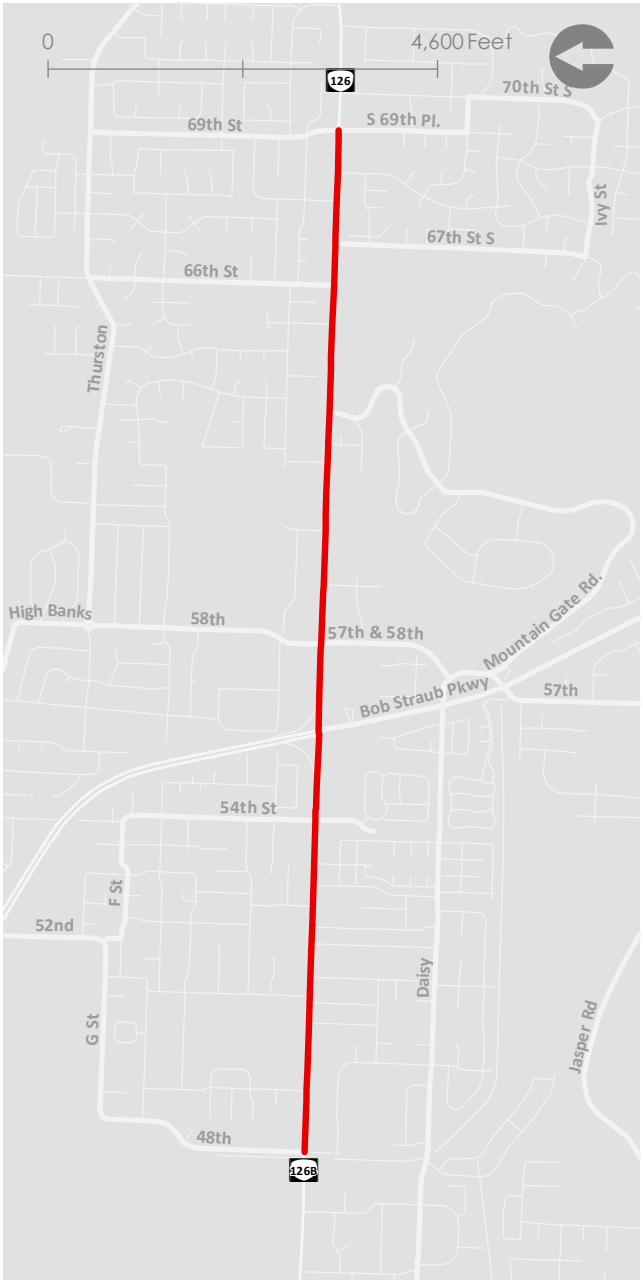
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

<table>
<tr><td colspan="2">Countermeasure: Install No Pedestrian Phase Feature with Flashing Yellow Arrow</td><td>ARTS #: BP4</td><td>CRF: 43</td></tr>
<tr><td colspan="4">Potential Intersection Locations (Signalized):</td></tr>
<tr><td colspan="4">▸ Union Street</td></tr>
<tr><td colspan="4">Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. left-turning vehicles</td></tr>
<tr><td colspan="4">Planning Level Countermeasure Cost: ~$1,000 per intersection</td></tr>
<tr><td colspan="2">Countermeasure: Prohibit Right-Turn-On-Red</td><td>ARTS #: BP21</td><td>CRF: 41</td></tr>
<tr><td colspan="4">Potential Intersection Locations (Signalized):</td></tr>
<tr><td>▸ Division Street
▸ Union Street</td><td>▸ Court Street
▸ State Street</td><td colspan="2">▸ Commercial Street/Ferry Street
▸ Commercial Street/Trade Street</td></tr>
<tr><td colspan="4">Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections</td></tr>
<tr><td colspan="4">Planning Level Countermeasure Cost: ~$7,000/intersection</td></tr>
<tr><td colspan="2">Countermeasure: Add sidewalks (Urban Areas)</td><td>ARTS #: N/A[1]</td><td>CRF: 80</td></tr>
<tr><td colspan="4">Potential Segment Locations:</td></tr>
<tr><td colspan="4">▸ Segments of Salem Highway (OR 99E) currently lacking sidewalks</td></tr>
<tr><td colspan="4">Potential Affected Risk Factor and/or Conflict: Segment crashes</td></tr>
<tr><td colspan="4">Planning Level Countermeasure Cost: ~$8.50 per foot. Varies based on location and context</td></tr>
</table>

1. Countermeasure not identified as part of ODOT ARTS program.

14: Main Street (OR 126), S 48th Street to S 69th Street – Springfield		
Context: Urban	**ODOT Region:** 2	**Length:** 2.28 miles
Project Location		
From Street: S 48th Street (MP: 5.29)	**To Street:** S 69th Street (MP: 7.58)	





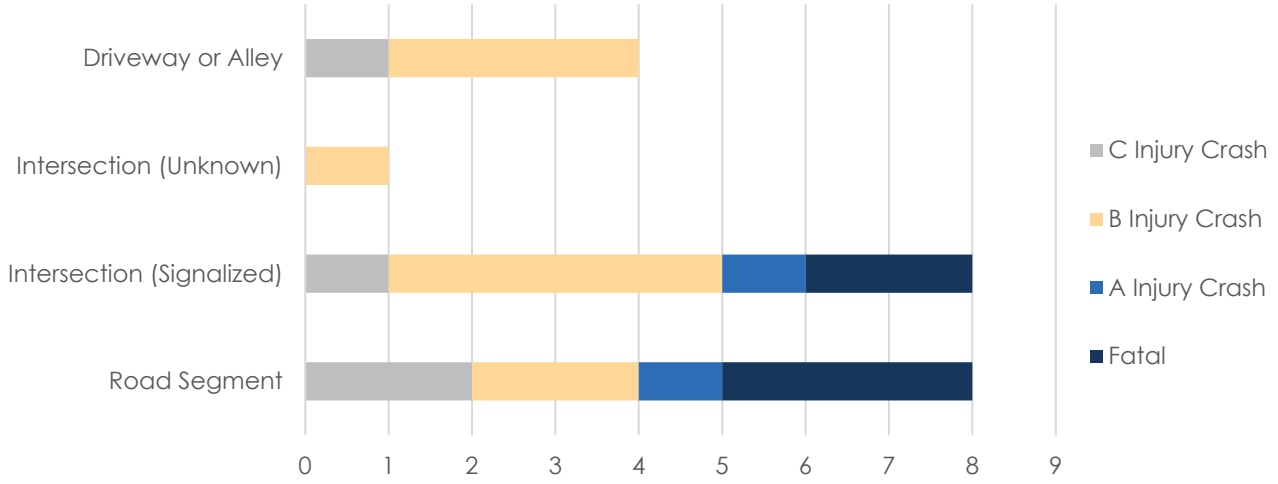




14: Main Street (OR 126), S 48th Street to S 69th Street – Springfield

Crash History (2007 – 2017)

20 Total Crashes (Pedestrian Involved)



Risk Factors Present:

- Principal Arterial **– All**
- Number of Lanes (> 4 Lanes) **– All**
- High-Access Density **– Most**
- Posted Speed (>=35 mph) **– All**
- No Sidewalks (or Only One Side) **– Minor**
- Mixed-Use Zoning **– None**
- Proximity to Schools (1 Mile) **– All**
- Proximity to Transit Stops (1/4 Mile) **– All**

Risk Score (Rank): 9.166 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Pedestrian Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- 54th Street
- Bob Straub Parkway
- 58th Place
- 69th Street

Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Install No Pedestrian Phase Feature with Flashing Yellow Arrow	**ARTS #:** BP4	**CRF:** 43
Potential Intersection Locations (Signalized):		
▸ 69th Street		
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. *left-turning* vehicles		
Planning Level Countermeasure Cost: ~$1,000 per intersection		
Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ 54th Street ▸ Bob Straub Parkway		
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections		
Planning Level Countermeasure Cost: ~$7,000/intersection		
Countermeasure: Install Rectangular Rapid Flashing Beacon with Median (3-Lane or More Roadway)	**ARTS #:** BP10	**CRF:** 56
Potential Mid-Block / Unsignalized Crossing Locations *without* existing medians:		
▸ 60th Place (transit stop ~ 80 feet east of intersection) ▸ Mountaingate Drive (transit stop ~250 feet east of intersection) ▸ Mid-block between 65th and 66th Street (transit stop)		
Potential Affected Risk Factor and/or Conflict: Midblock crossings and pedestrian crossings vs. vehicles		
Planning Level Countermeasure Cost: $173,000 per location		
Countermeasure: Add sidewalks (Urban Areas)	**ARTS #:** N/A[1]	**CRF:** 80
Potential Segment Locations:		
▸ Segments of Main Street (OR 126) currently lacking sidewalks		
Potential Affected Risk Factor and/or Conflict: Segment crashes		
Planning Level Countermeasure Cost: ~$8.50 per foot. Varies based on location and context		

Countermeasure: Access management (>48 per mi to 26-48 per mi)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
▸ Segments of Main Street (OR 126) with high levels of commercial access		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. pedestrian crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[2]		

1. Countermeasure not identified as part of ODOT ARTS program.
2. Cost specific to context and number of access points.

15: Mt Hood Highway (US 26), Ruben Lane to Bluff Road – Sandy		
Context: Urban	**ODOT Region:** 1	**Length:** 0.43 miles
Project Location		
From Street: Ruben Lane (MP: 23.45)	**To Street:** Bluff Road (MP: 23.87)	

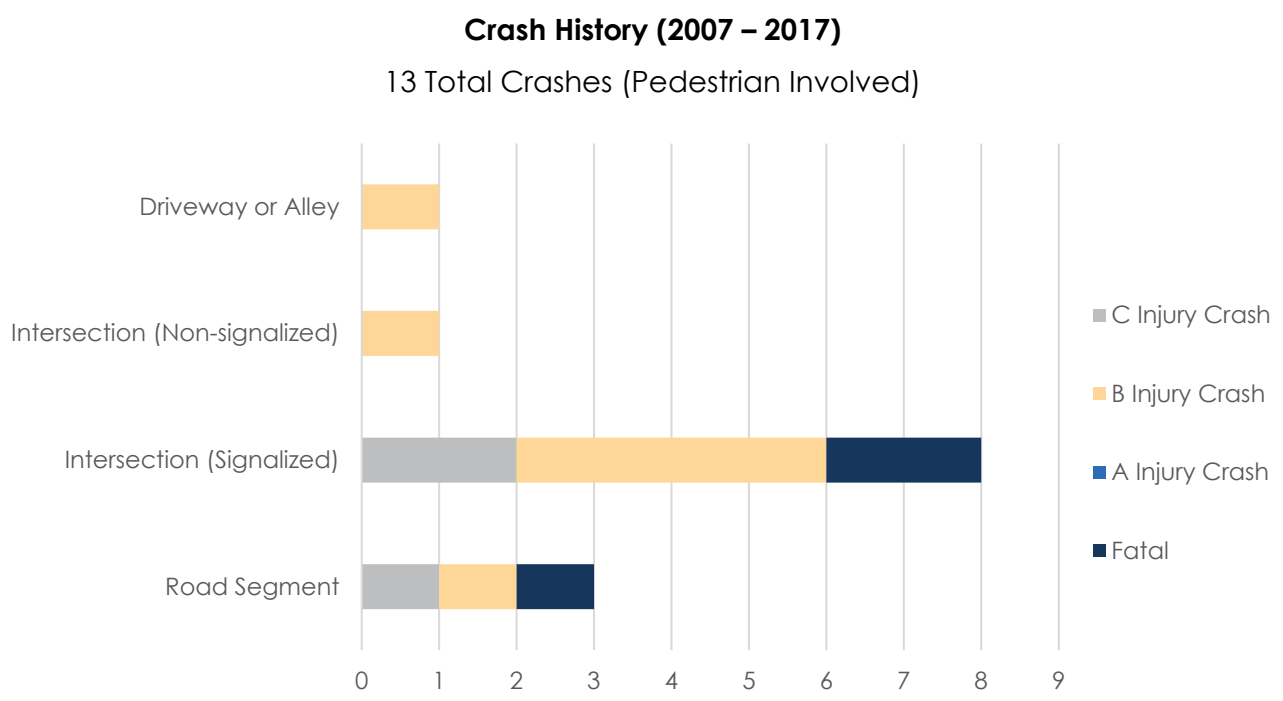








15: Mt Hood Highway (US 26), Ruben Lane to Bluff Road – Sandy



Risk Factors Present:

- Principal Arterial **– All**
- Number of Lanes (> 4 Lanes) **– All**
- High-Access Density **– Most**
- Posted Speed (>=35 mph) **– All**
- No Sidewalks (or Only One Side) **– Minor**
- Mixed-Use Zoning **– None**
- Proximity to Schools (1 Mile) **– All**
- Proximity to Transit Stops (1/4 Mile) **– All**

Risk Score (Rank): 9.474 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Pedestrian Interval at Signalized Intersections	**ARTS #:** BP3	**CRF:** 37

Potential Intersection Locations (Signalized):

- Ruben Lane
- Bluff Road

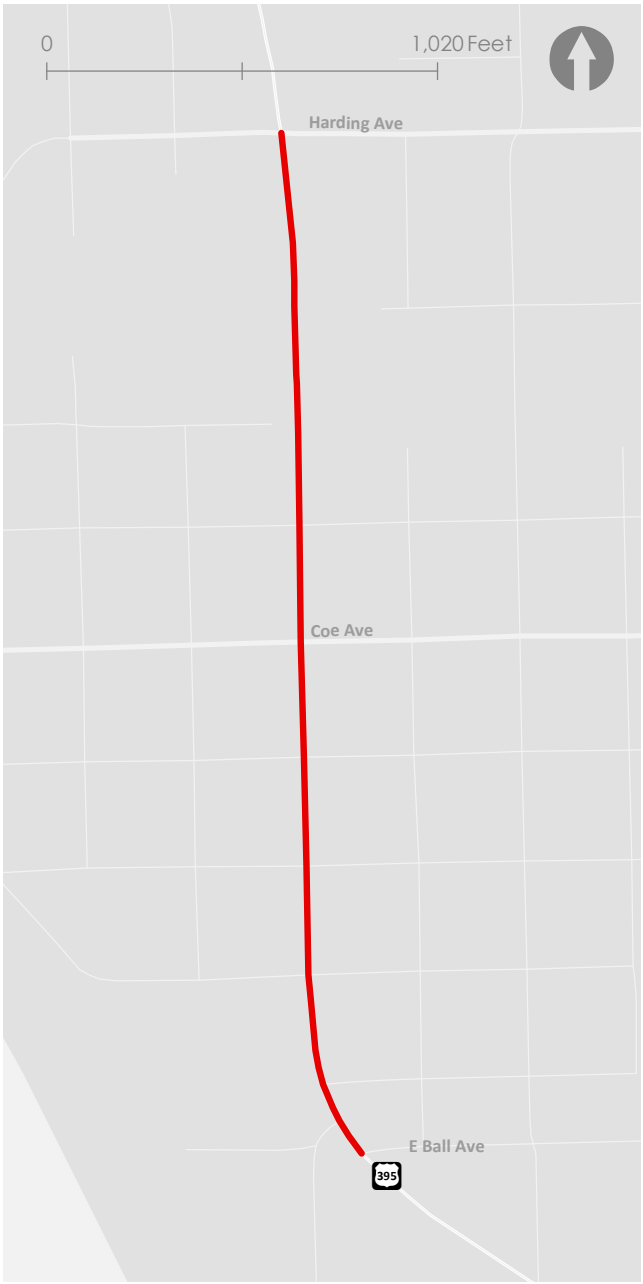
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ Ruben Lane	▸ Bluff Road	
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections		
Planning Level Countermeasure Cost: ~$7,000/intersection		
Countermeasure: Install Rectangular Rapid Flashing Beacon without Median (3-Lane or More Roadway)	**ARTS #:** BP9	**CRF:** 10
Potential Mid-Block / Unsignalized Crossing Locations *with* existing median:		
▸ University Avenue (existing median located on east leg of intersection)		
Potential Affected Risk Factor and/or Conflict: Midblock pedestrian vs. vehicles		
Planning Level Countermeasure Cost: $69,000		
Countermeasure: Install Continental Crosswalk Markings and Advance Pedestrian Warning Signs at Uncontrolled Locations	**ARTS #:** BP11	**CRF:** 15
Potential Intersection Locations (Uncontrolled Movement):		
▸ Ruben Lane (eastbound right-turn slip lane) *Note: Existing continental crosswalk present; recommended countermeasure limited to installation of Advance Pedestrian Warning Sign.*		
Potential Affected Risk Factor and/or Conflict: Unsignalized pedestrian crossings vs. vehicles		
Planning Level Countermeasure Cost: $7,000		
Countermeasure: Add sidewalks (Urban Areas)	**ARTS #:** N/A[1]	**CRF:** 80
Potential Segment Locations:		
▸ South side of Mt. Hood Highway (US 26) between Ruben Lane and university Avenue		
Potential Affected Risk Factor and/or Conflict: Segment crashes		
Planning Level Countermeasure Cost: ~$8.50 per foot. Varies based on location and context		

1. Countermeasure not identified as part of ODOT ARTS program.

16: Umatilla Stanfield (US 395), Harding Avenue to E Ball Avenue – Stanfield		
Context: Rural	**ODOT Region:** 5	**Length:** 0.51 miles
Project Location		
From Street: Harding Avenue (MP: 10.78)	**To Street:** E Ball Avenue (MP: 11.28)	









16: Umatilla Stanfield (US 395), Harding Avenue to E Ball Avenue – Stanfield

Crash History (2007 – 2017)

1 Total Crash (Pedestrian Involved)



Risk Factors Present:

- Principal Arterial **– All**
- Number of Lanes (> 4 Lanes) **– All**
- High-Access Density **– Most**
- Posted Speed (>=35 mph) **– None**
- No Sidewalks (or Only One Side) **– None**
- Mixed-Use Zoning **– None**
- Proximity to Schools (1 Mile) **– Minor**
- Proximity to Transit Stops (1/4 Mile) **– All**

Risk Score (Rank): 6.571 (Third 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Pedestrian Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- Coe Avenue

Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Prohibit Right-Turn-On-Red | **ARTS #:** BP21 | **CRF:** 41

Potential Intersection Locations (Signalized):

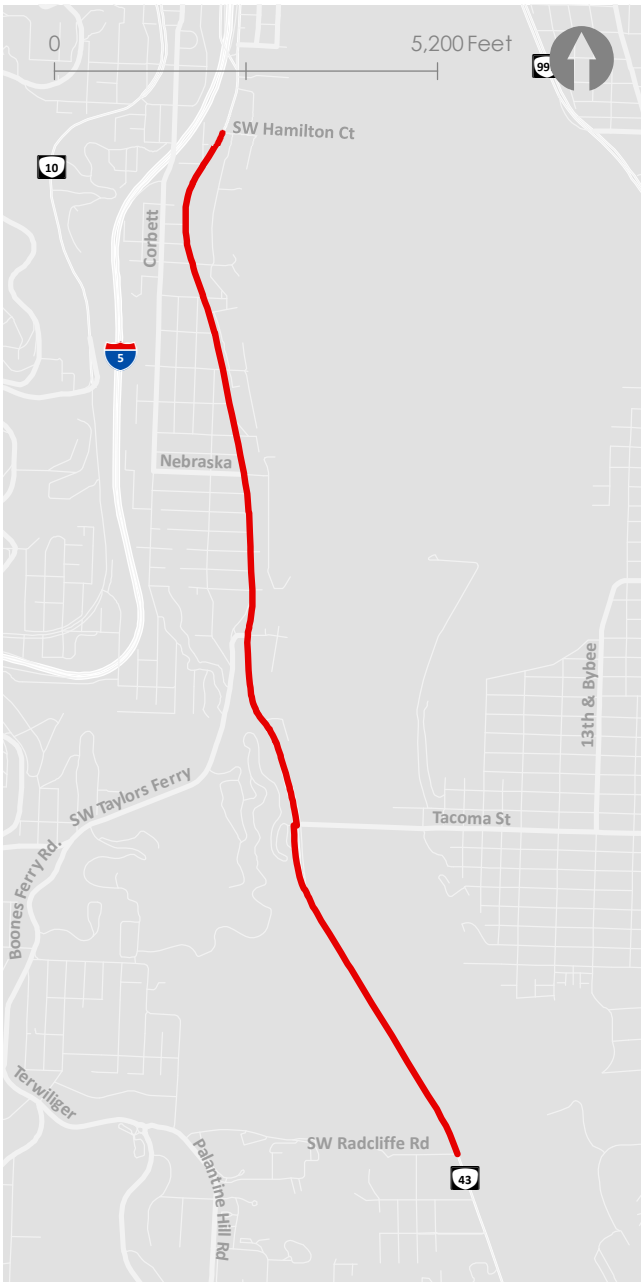
- Coe Avenue

Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$7,000/intersection

Countermeasure: Install No Pedestrian Phase Feature with Flashing Yellow Arrow	**ARTS #:** BP4	**CRF:** 43
Potential Intersection Locations (Signalized):		
▸ Coe Avenue		
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. *left-turning* vehicles		
Planning Level Countermeasure Cost: ~$1,000 per intersection		
Countermeasure: Install Curb Ramps and Extensions with a Marked Crosswalk and Pedestrian Warning Signs	**ARTS #:** BP12	**CRF:** 37
Potential Intersection Locations:		
▸ Wood Avenue (south leg of intersection) ▸ Coe Avenue (north and south legs of intersection) ▸ Furnish Avenue (south leg of intersection) ▸ Taft Avenue ▸ Page Avenue *Note: Countermeasure recommended at intersections with adjacent on-street parking only (Segment of US 395 between Wood Avenue and Taft Avenue).*		
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. through vehicles and turning vehicles at intersections.		
Planning Level Countermeasure Cost: ~$37,000/intersection		
Countermeasure: Install Advance Pedestrian Warning Signs	**ARTS #:** BP13	**CRF:** 5
Potential Intersection Locations (Unsignalized):		
▸ Page Avenue	▸ Furnish Avenue	▸ Wood Avenue
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. through vehicles at unsignalized intersections.		
Planning Level Countermeasure Cost: ~$2,000/intersection		

17: Macadam Avenue (OR 43), SW Hamilton Court to SW Radcliffe Road – Portland		
Context: Urban	**ODOT Region:** 1	**Length:** 2.81 miles
Project Location		
From Street: SW Hamilton Court (MP: 0.81)	**To Street:** SW Radcliffe Road (MP: 3.67)	





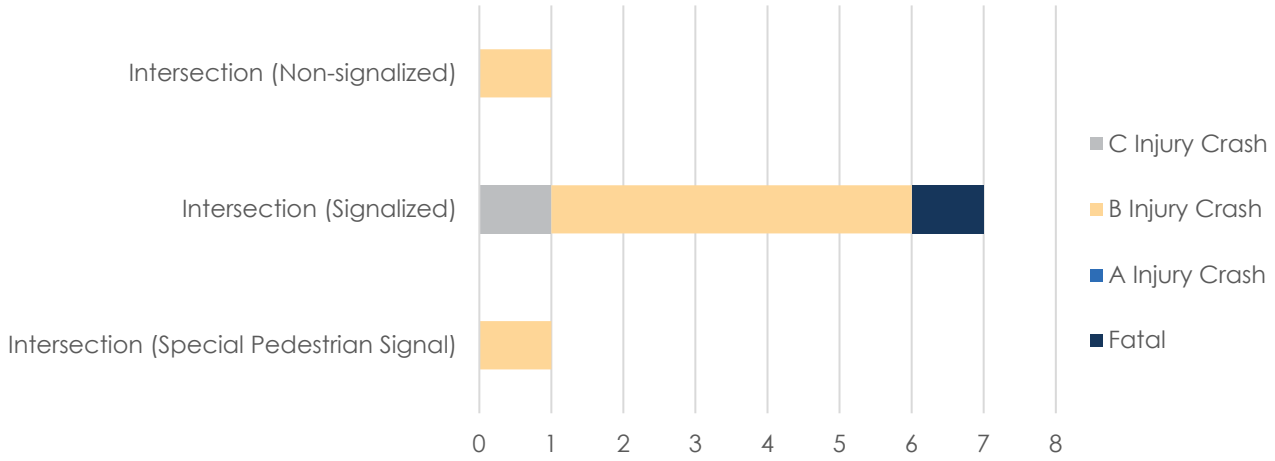




17: Macadam Avenue (OR 43), SW Hamilton Court to SW Radcliffe Road – Portland

Crash History (2007 – 2017)

9 Total Crashes (Pedestrian Involved)



Risk Factors Present:

- Principal Arterial **– All**
- Number of Lanes (> 4 Lanes) **– All**
- High-Access Density **– All**
- Posted Speed (>=35 mph) **– All**
- No Sidewalks (or Only One Side) **– Most**
- Mixed-Use Zoning **– All**
- Proximity to Schools (1 Mile) **– All**
- Proximity to Transit Stops (1/4 Mile) **– All**

Risk Score (Rank): 10.056 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Pedestrian Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- SW Hamilton Court
- SW Landing Square
- SW Pendleton Street
- SW Nebraska Street
- SW Nevada Street
- SW Miles Street

Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ SW Hamilton Court ▸ SW Landing Square	▸ SW Pendleton Street ▸ SW Nebraska Street	▸ SW Nevada Street ▸ SW Miles Street
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections		
Planning Level Countermeasure Cost: ~$7,000/intersection		
Countermeasure: Install Rectangular Rapid Flashing Beacon without Median (3-Lane or More Roadway)	**ARTS #:** BP9	**CRF:** 10
Potential Mid-Block / Unsignalized Crossing Locations *with* existing median:		
▸ SW Kelly Avenue (north leg of intersection) ▸ SW Richardson Street (~260 feet north of SW Richard Court) ▸ SW Flower Street (north leg of intersection – transit stop) ▸ SW California Street (north leg of intersection – transit stop) ▸ SW Julia Street (north leg of the intersection – transit stop) ▸ SW Florida Street (south leg of intersection – transit stop) ▸ SW California Street (north leg of intersection – transit stop)		
Potential Affected Risk Factor and/or Conflict: Midblock pedestrian vs. vehicles		
Countermeasure: Provide Intersection Lighting	**ARTS #:** BP2	**CRF:** 42
Potential Intersection Locations:		
▸ SW Boundary Street ▸ SW Pendleton Street	▸ SW Nebraska Street ▸ SW Nevada Street (Partial lighting provided)	▸ SW Miles Street (Partial lighting provided)
Potential Affected Risk Factor and/or Conflict: Pedestrian crossing vs. vehicles at night		
Planning Level Countermeasure Cost: ~8,000 per intersection		

Countermeasure: Add sidewalks (Urban Areas)	**ARTS #:** N/A[1]	**CRF:** 80
Potential Segment Locations:		
▸ Segments of Macadam Avenue (OR 43) currently lacking sidewalks (mostly south of SW Nevada Street		
Potential Affected Risk Factor and/or Conflict: Segment crashes		
Planning Level Countermeasure Cost: ~$8.50 per foot. Varies based on location and context		
Countermeasure: Access management (>48 per mi to 26-48 per mi)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
Potential locations: Segments of Macadam Avenue (OR 43) with high levels of commercial access (mostly between SW Hamilton Court and SW Nevada Street)		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. pedestrian crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[2]		

1. Countermeasure not identified as part of ODOT ARTS program.
2. Cost specific to context and number of access points.

18: US 97, Reed Road to 6th Street – La Pine

Context: Rural	**ODOT Region:** 4	**Length:** 0.70 miles

Project Location

From Street: Reed Road (MP: 167.50)	**To Street:** 6th Street (MP: 168.18)









18: US 97 (US 97), 1st Street/Reed Road to 6th Street – La Pine

Crash History (2007 – 2017)

3 Total Crashes (Pedestrian Involved)



Risk Factors Present:

- Principal Arterial **– All**
- Number of Lanes (> 4 Lanes) **– None**
- Posted Speed (>=35 mph) **– All**
- Other Zoning **– Most**
- Proximity to Schools (1 Mile) **– All**
- Proximity to Transit Stops (1/4 Mile) **– Minor**

Risk Score (Rank): 10.209 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Pedestrian Interval at Signalized Intersections	**ARTS #:** BP3	**CRF:** 37

Potential Intersection Locations (Signalized):

- 1st Street/Reed Road

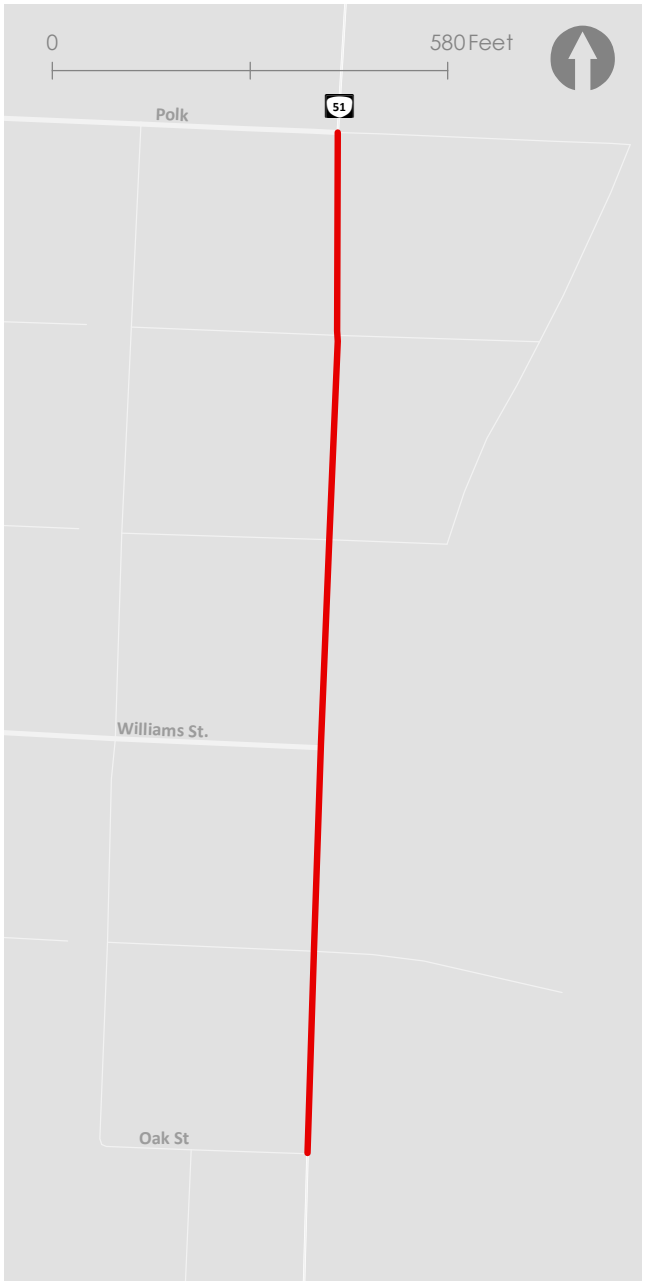
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Install No Pedestrian Phase Feature with Flashing Yellow Arrow	**ARTS #:** BP4	**CRF:** 43
Potential Intersection Locations (Signalized):		
▸ 1st Street/Reed Road		
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. *left-turning* vehicles		
Planning Level Countermeasure Cost: ~$1,000 per intersection		
Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ 1st Street/Reed Road		
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections		
Planning Level Countermeasure Cost: ~$7,000/intersection		
Countermeasure: Install Rectangular Rapid Flashing Beacon with Median (3-Lane or More Roadway)	**ARTS #:** BP10	**CRF:** 56
Potential Mid-Block / Unsignalized Crossing Locations *without* existing medians:		
▸ 3rd Street (north leg of intersection) ▸ 4th Street (south leg of intersection)	▸ Morson Street (north leg of intersection)	
Note: Countermeasure at 4th Street location recommended to replace existing pedestrian beacon		
Potential Affected Risk Factor and/or Conflict: Midblock crossings and pedestrian crossings vs. vehicles		
Planning Level Countermeasure Cost: $173,000 per location		
Countermeasure: Access management (>48 per mi to 26-48 per mi)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
Potential locations: Segments of US 97 with high levels of commercial access		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. pedestrian crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[1]		

1. Cost specific to context and number of access points.

19: Main Street (OR 51), Polk Street to Oak Street – Independence		
Context: Urban	**ODOT Region:** 2	**Length:** 0.28 miles
Project Location		
From Street: Polk Street (MP: 5.70)	**To Street:** Oak Street (MP: 5.99)	









19: Main Street (OR 51), Polk Street to Oak Street – Independence

Crash History (2007 – 2017)

1 Total Crash (Pedestrian Involved)



Risk Factors Present:

- Principal Arterial **– All**
- Number of Lanes (> 4 Lanes) **– None**
- High-Access Density **– Most**
- Posted Speed (>=35 mph) **– All**
- No Sidewalks (or Only One Side) **– All**
- Mixed-Use Zoning **– Most**
- Proximity to Schools (1 Mile) **– All**
- Proximity to Transit Stops (1/4 Mile) **– All**

Risk Score (Rank): 9.000 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Traffic Signal | **ARTS #:** H20 | **CRF:** 67

Potential Intersection Locations (Unsignalized):

- Polk Street

Note: Traffic Analysis required to determine potential for signalization

Potential Affected Risk Factor and/or Conflict: Pedestrian vs. turning vehicle at intersection

Planning Level Countermeasure Cost: ~$1,081,000 per intersection

Countermeasure: Install Pedestrian Hybrid Beacon | **ARTS #:** BP15 | **CRF:** 55

Potential Intersection Locations (Unsignalized):

- Polk Street

Only BP15 or H20 are recommended to be installed at a given location

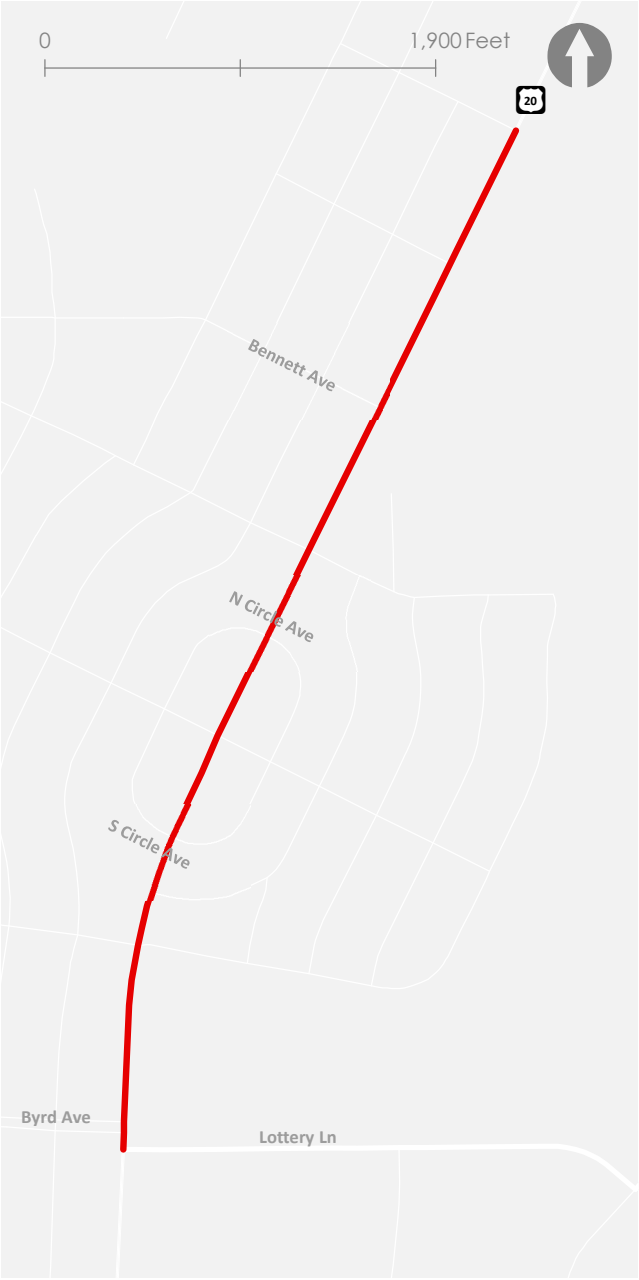
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. through vehicles at unsignalized intersections.

Planning Level Countermeasure Cost: ~$206,000 per intersection

Countermeasure: Install Rectangular Rapid Flashing Beacon with Median (2-Lane or More Roadway)	**ARTS #:** BP8	**CRF:** 10
Potential Mid-Block / Unsignalized Crossing Locations *without* existing medians:		
▸ Grand Street (connection to Riverview Park Trail) *Note: Only BP8 or BP12 is recommended at Grant Street.*		
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. vehicles		
Planning Level Countermeasure Cost: $69,000 per location		
Countermeasure: Install Curb Ramps and Extensions with a Marked Crosswalk and Pedestrian Warning Signs	**ARTS #:** BP12	**CRF:** 37
Potential Intersection Locations:		
▸ Grand Street (connection to Riverview Park Trail) *Note: Either BP8 or BP12 is recommended at Grant Street.*		
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. through vehicles and turning vehicles at intersections.		
Countermeasure: Add sidewalks (Urban Areas)	**ARTS #:** N/A[1]	**CRF:** 80
Potential Segment Locations:		
▸ East side of Main Street (OR 51) between Boatlanding Street and Oak Street.		
Potential Affected Risk Factor and/or Conflict: Segment crashes		
Planning Level Countermeasure Cost: ~$8.50 per foot. Varies based on location and context.		

1. Countermeasure not identified as part of ODOT ARTS program.

20: Central Oregon Highway (US 395), Lottery Lane to W Jamison Avenue – Hines		
Context: Rural	**ODOT Region:** 5	**Length:** 1.01 miles
Project Location		
From Street: Lottery Lane (MP: 128.73)	**To Street:** W Jamison Avenue (MP: 129.74)	









20: Central Oregon Highway (US 395), Lottery Lane to W Jamison Avenue – Hines

Crash History (2007 – 2017)

0 Total Crashes (Pedestrian Involved)



Risk Factors Present:

▸ Principal Arterial **– All** ▸ Number of Lanes (> 4 Lanes) **– None** ▸ Posted Speed (>=35 mph) **– All**	▸ Other Zoning **– Minor** ▸ Proximity to Schools (1 Mile) **– All** ▸ Proximity to Transit Stops (1/4 Mile) **– None**	**Risk Score (Rank):** 8.085 (Second 20%)

Potential Countermeasures

Countermeasure: Install Rectangular Rapid Flashing Beacon without Median (3-Lane or More Roadway)	**ARTS #:** BP9	**CRF:** 10

Potential Mid-Block / Unsignalized Crossing Locations *without* existing medians:

▸ N Circle Drive	▸ S Circle Drive

Potential Affected Risk Factor and/or Conflict: Unsignalized intersection pedestrian crossing vs. vehicles

Countermeasure: Provide Intersection Lighting	**ARTS #:** BP2	**CRF:** 42

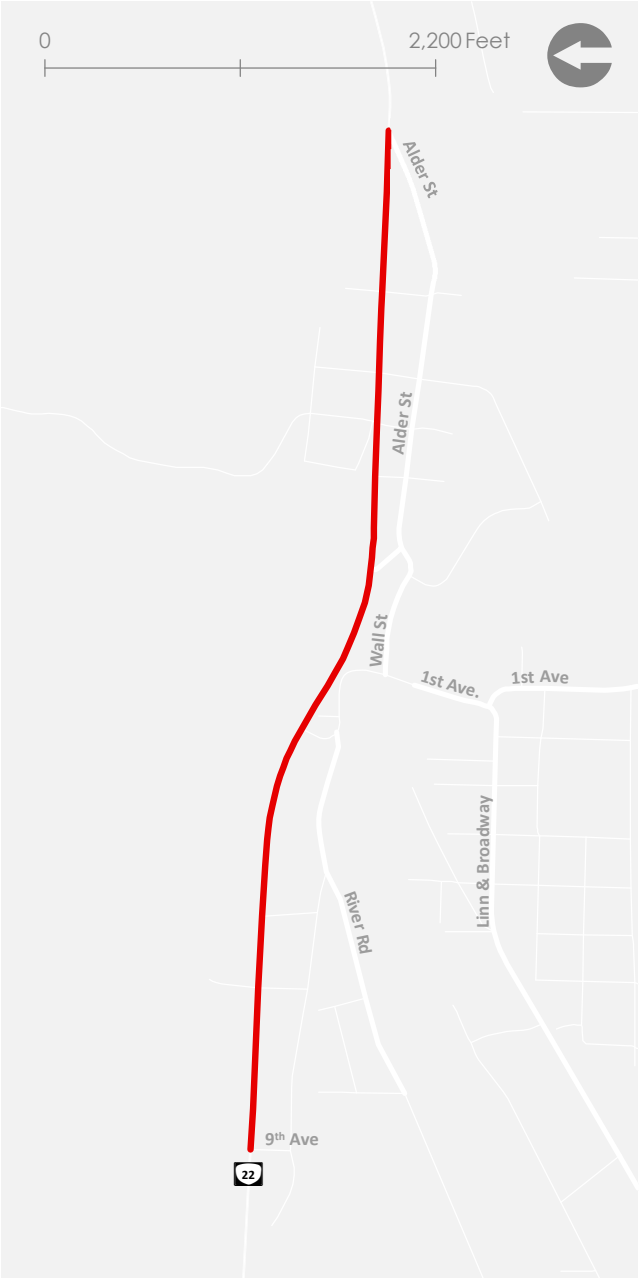
Potential Intersection Locations:

▸ W Bennett Avenue (north leg of the intersection)	▸ N Circle Drive
▸ W Byrd Avenue (north leg of intersection)	▸ S Circle Drive

Potential Affected Risk Factor and/or Conflict: Pedestrian crossing vs. vehicles at night

Planning Level Countermeasure Cost: ~8,000 per intersection

21: North Santiam Highway (OR 22), NW 9th Avenue to NE Alder Street – Mill City		
Context: Rural	**ODOT Region:** 2	**Length:** 1.11 miles
Project Location		
From Street: NW 9th Avenue (MP: 29.57)	**To Street:** NE Alder Street(MP: 30.68)	









21: North Santiam Highway (OR 22), NW 9th Avenue to NE Alder Street – Mill City

Crash History (2007 – 2017)

0 Total Crashes (Pedestrian Involved)



Risk Factors Present:

- Principal Arterial **– All**
- Number of Lanes (> 4 Lanes) **– None**
- Posted Speed (>=35 mph) **– All**
- Mixed-Use Zoning **– None**
- Proximity to Schools (1 Mile) **– All**
- Proximity to Transit Stops (1/4 Mile) **– None**

Risk Score (Rank): 8.120 (Second 20%)

Potential Countermeasures

Countermeasure: Install Rectangular Rapid Flashing Beacon with Median (3-Lane or More Roadway)	**ARTS #:** BP10	**CRF:** 56

Potential Mid-Block / Unsignalized Crossing Locations *without* existing medians:

- ~ 80 feet west of NE 7th Avenue (in front of Rosie's Mountain Coffee House)
- ~ 300 feet east of NW 9th Avenue

Potential Affected Risk Factor and/or Conflict: Midblock crossings and pedestrian crossings vs. vehicles

Planning Level Countermeasure Cost: $173,000 per location

Countermeasure: Add sidewalks (Urban Areas)	**ARTS #:** N/A[1]	**CRF:** 80

Potential Segment Locations:

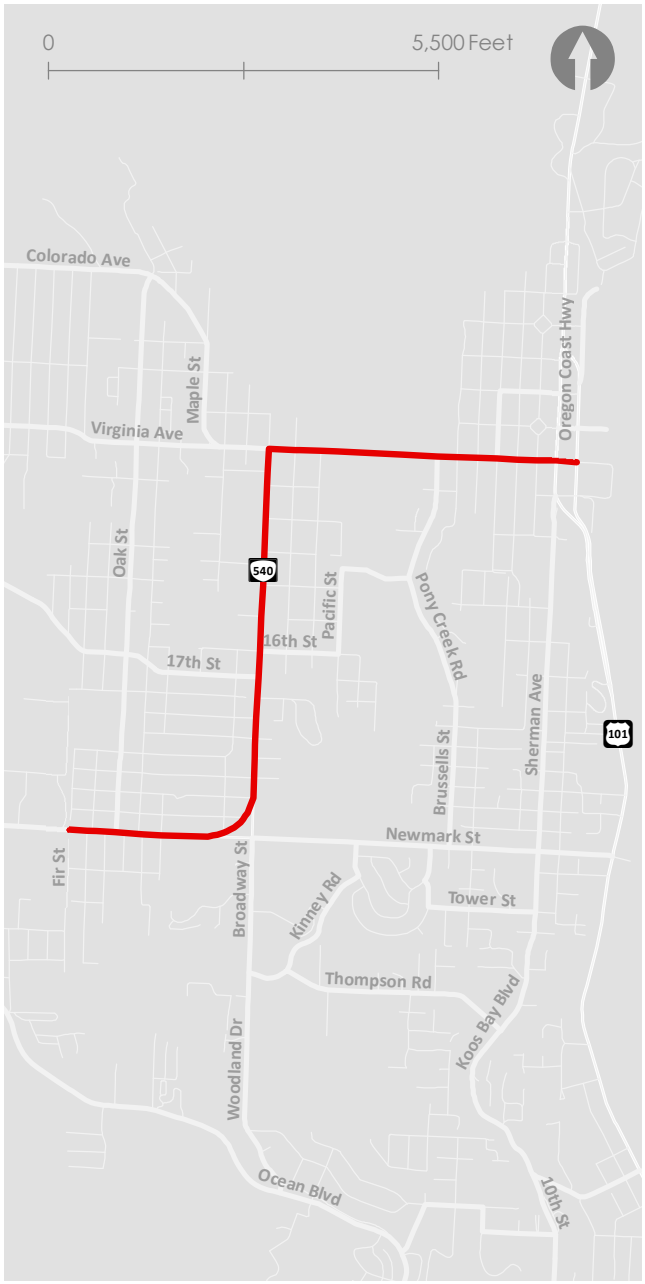
Potential locations: Segments of North Santiam Highway (OR 22) currently lacking sidewalks

Potential Affected Risk Factor and/or Conflict: Segment crashes

Planning Level Countermeasure Cost: ~$8.50 per foot. Varies based on location and context

1. Countermeasure not identified as part of ODOT ARTS program.

22: Cape Arago Highway (OR 240), Oregon Coast Highway to Fir Street – Coos Bay		
Context: Urban	**ODOT Region:** 3	**Length:** 2.30 miles
Project Location		
From Street: Oregon Coast Highway (MP: -0.05)	**To Street:** Fir Street (MP: 2.24)	





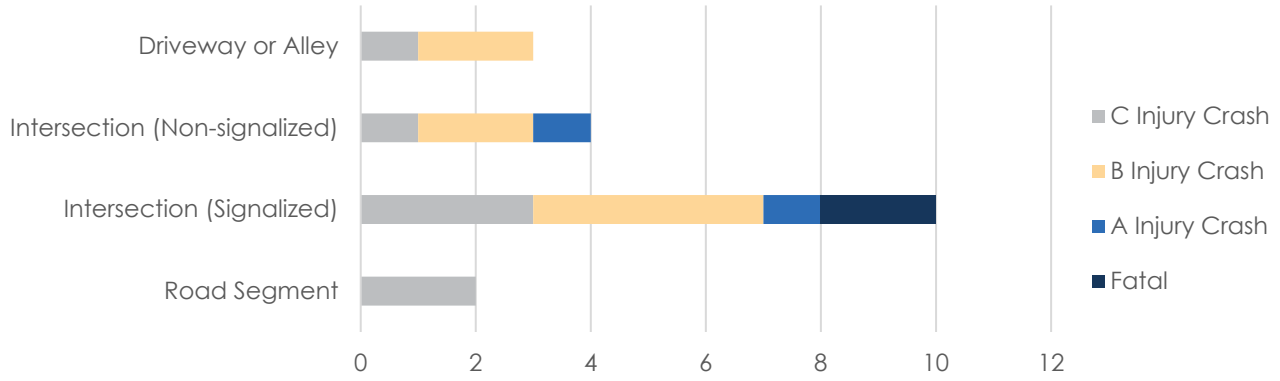




22: Cape Arago Highway (OR 240), Oregon Coast Highway to Fir Street – Coos Bay

Crash History (2007 – 2017)

19 Total Crashes (Pedestrian Involved)



Risk Factors Present:

- Principal Arterial **– All**
- Number of Lanes (> 4 Lanes) **– All**
- High-Access Density **– Most**
- Posted Speed (>=35 mph) **– All**
- No Sidewalks (or Only One Side) **– Minor**
- Mixed-Use Zoning **– Minor**
- Proximity to Schools (1 Mile) **– All**
- Proximity to Transit Stops (1/4 Mile) **– All**

Risk Score (Rank): 8.584 (Second 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Pedestrian Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- Oregon Coast Highway (US 101) NB
- Oregon Coast Highway (US 101) SB
- McPherson Street
- Harrison Street
- Pony Village Mall Entrance (~460 feet east of Pacific Street)
- Broadway Street
- 16th Street
- Newmark Street
- Oak Street

Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

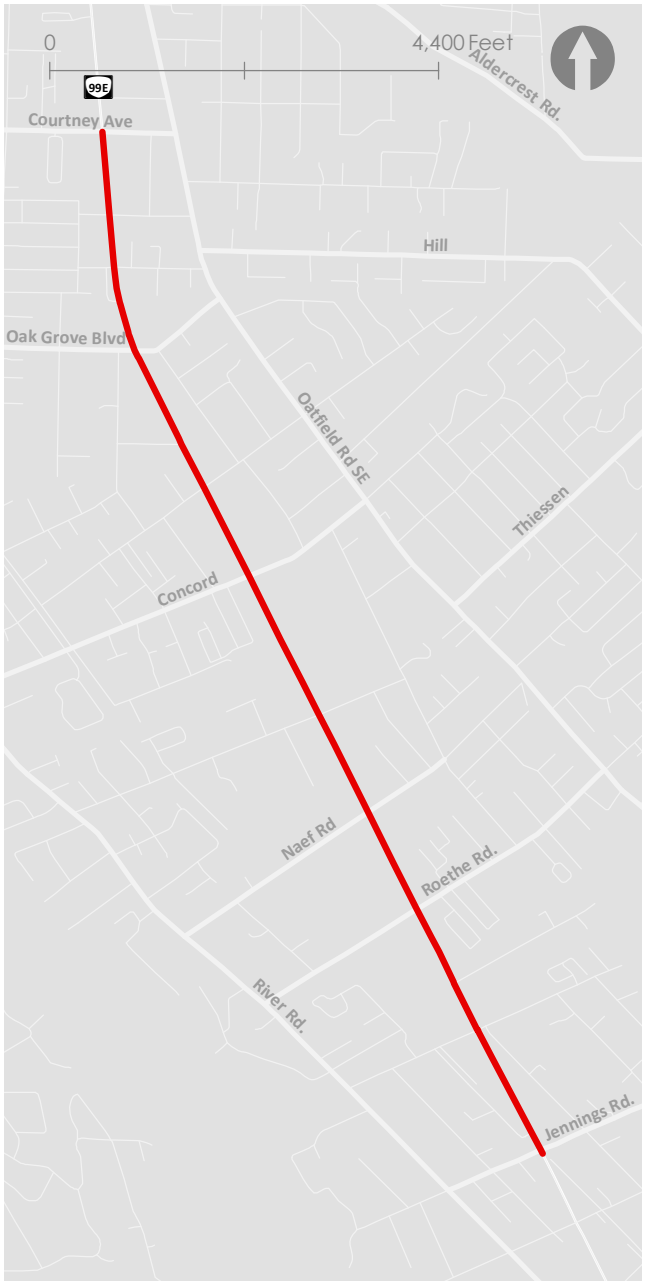
Countermeasure: Install No Pedestrian Phase Feature with Flashing Yellow Arrow	**ARTS #:** BP4	**CRF:** 43
Potential Intersection Locations (Signalized):		
▸ Pony Village Mall Entrance (~460 feet east of Pacific Street) ▸ Broadway Street		
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. *left-turning* vehicles		
Planning Level Countermeasure Cost: ~$1,000 per intersection		
Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ Oregon Coast Highway (US 101) NB ▸ Oregon Coast Highway (US 101) SB ▸ McPherson Street ▸ Harrison Street ▸ Pony Village Mall Entrance (~460 feet east of Pacific Street)	▸ Broadway Street ▸ 16th Street ▸ Newmark Street ▸ Oak Street	
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections		
Planning Level Countermeasure Cost: ~$7,000/intersection		
Countermeasure: Provide Intersection Lighting	**ARTS #:** BP2	**CRF:** 42
Potential Intersection Locations:		
▸ Oregon Coast Highway (US 101) NB ▸ Oregon Coast Highway (US 101) SB ▸ Harrison Street ▸ Marion Avenue	▸ 16th Street ▸ Newmark Street ▸ Oak Street	
Note: All intersections currently provide partial lighting; additional intersection lighting recommended to encompass entire intersection.		
Potential Affected Risk Factor and/or Conflict: Pedestrian crossing vs. vehicles at night		
Planning Level Countermeasure Cost: ~$8,000 per intersection		

Countermeasure: Install Rectangular Rapid Flashing Beacon with Median (3-Lane or More Roadway)	**ARTS #:** BP10	**CRF:** 56
Potential Mid-Block / Unsignalized Crossing Locations *without* existing medians:		
▸ 12th Street (south leg)		
Potential Affected Risk Factor and/or Conflict: Midblock crossings and pedestrian crossings vs. vehicles		
Planning Level Countermeasure Cost: $173,000 per location		
Countermeasure: Install Advance Pedestrian Warning Signs	**ARTS #:** BP13	**CRF:** 5
Potential Intersection Locations (Unsignalized):		
▸ Union Avenue	▸ Ponypoint Boat Ramp Road	
Note: Countermeasure recommended at unsignalized intersections with existing crosswalks		
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. through vehicles at unsignalized intersections.		
Planning Level Countermeasure Cost: ~$2,000/intersection		
Countermeasure: Install Pedestrian Hybrid Beacon	**ARTS #:** BP15	**CRF:** 55
Potential Intersection Locations (Unsignalized):		
▸ 14th Street		
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. through vehicles at unsignalized intersections.		
Planning Level Countermeasure Cost: ~$155,000 per intersection		
Countermeasure: Add sidewalks (Urban Areas)	**ARTS #:** N/A[1]	**CRF:** 80
Potential Segment Locations:		
▸ Segments of Cape Arago Highway (OR 240) currently lacking sidewalks		
Potential Affected Risk Factor and/or Conflict: Segment crashes		
Planning Level Countermeasure Cost: ~$8.50 per foot. Varies based on location and context		

Countermeasure: Access management (>48 per mi to 26-48 per mi)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
▸ Segments of Cape Arago Highway (OR 240) with high levels of commercial access		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. pedestrian crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[2]		

1. Countermeasure not identified as part of ODOT ARTS program.
2. Cost specific to context and number of access points.

23: McLoughlin Boulevard (OR 99E), SE Courtney Road to SE Jennings Avenue – Oak Grove		
Context: Urban	**ODOT Region:** 1	**Length:** 2.40 miles
Project Location		
From Street: SE Courtney Road (MP: 7.41)	**To Street:** SE Jennings Avenue (MP: 9.80)	





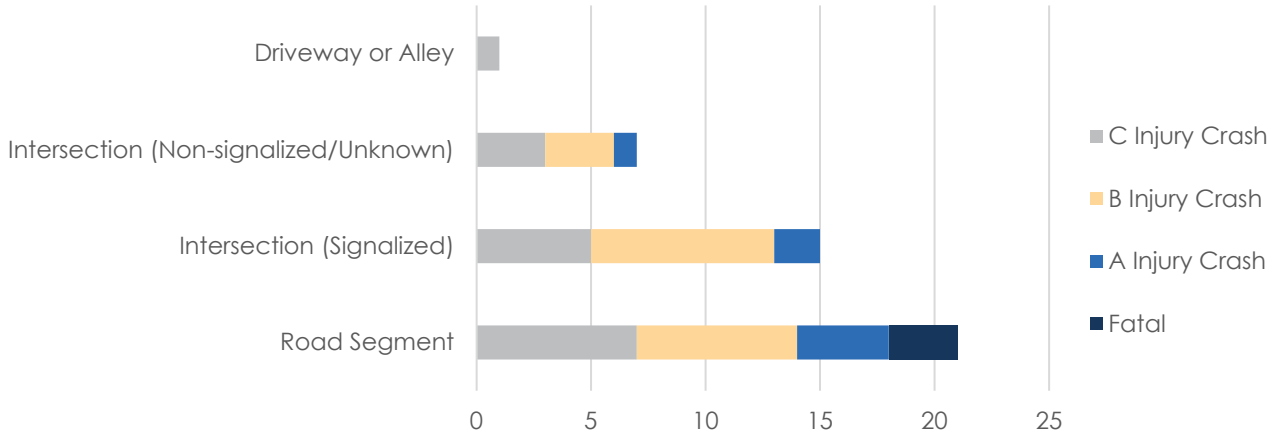




23: McLoughlin Boulevard (OR 99E), SE Courtney Road to SE Jennings Avenue – Oak Grove

Crash History (2007 – 2017)

44 Total Crashes (Pedestrian Involved)



Risk Factors Present:

- Principal Arterial **– All**
- Number of Lanes (> 4 Lanes) **– All**
- High-Access Density **– Most**
- Posted Speed (>=35 mph) **– All**
- No Sidewalks (or Only One Side) **– Most**
- Mixed-Use Zoning **– None**
- Proximity to Schools (1 Mile) **– All**
- Proximity to Transit Stops (1/4 Mile) **– All**

Risk Score (Rank): 9.338 (Top 20%)

Potential Countermeasures

Countermeasure: Prohibit Right-Turn-On-Red | **ARTS #:** BP21 | **CRF:** 41

Potential Intersection Locations (Signalized):

- SE Courtney Road
- SE Oak Grove Boulevard
- SE Concord Road
- SE Vineyard Road
- SE Naef Road
- SE Roethe Road
- SE Jennings

Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$7,000/intersection

Countermeasure: Install No Pedestrian Phase Feature with Flashing Yellow Arrow	**ARTS #:** BP4	**CRF:** 43
Potential Intersection Locations (Signalized):		
▸ SE Courtney Road ▸ SE Vineyard Road		
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. *left-turning* vehicles		
Planning Level Countermeasure Cost: ~$1,000 per intersection		
Countermeasure: Install Pedestrian Hybrid Beacon	**ARTS #:** BP15	**CRF:** 55
Potential Intersection Locations (Unsignalized):		
▸ SE Chestnut Street (transit stop) ▸ SE Maple Street (transit stop) ▸ SE Risley Avenue (north leg – transit stop) ▸ SE Boardman Avenue (south leg – existing refuge median island)		
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. vehicles at unsignalized intersections.		
Planning Level Countermeasure Cost: ~$155,000 per intersection		
Countermeasure: Install Rectangular Rapid Flashing Beacon without Median (3-Lane or More Roadway)	**ARTS #:** BP9	**CRF:** 10
Potential Mid-Block / Unsignalized Crossing Locations *with* existing median:		
▸ Oak Grove Cinema southern driveway – existing refuge median island		
Potential Affected Risk Factor and/or Conflict: Midblock pedestrian vs. vehicles		
Planning Level Countermeasure Cost: $69,000		
Countermeasure: Add sidewalks (Urban Areas)	**ARTS #:** N/A[1]	**CRF:** 80
Potential Segment Locations:		
▸ Segments of SE McLoughlin Boulevard (OR 99E) currently lacking sidewalks		
Potential Affected Risk Factor and/or Conflict: Segment crashes		
Planning Level Countermeasure Cost: ~$8.50 per foot. Varies based on location and context		

Countermeasure: Access management (>48 per mi to 26-48 per mi)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
▸ Segments of SE McLoughlin Boulevard (OR 99E) with high levels of commercial access		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. pedestrian crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[2]		

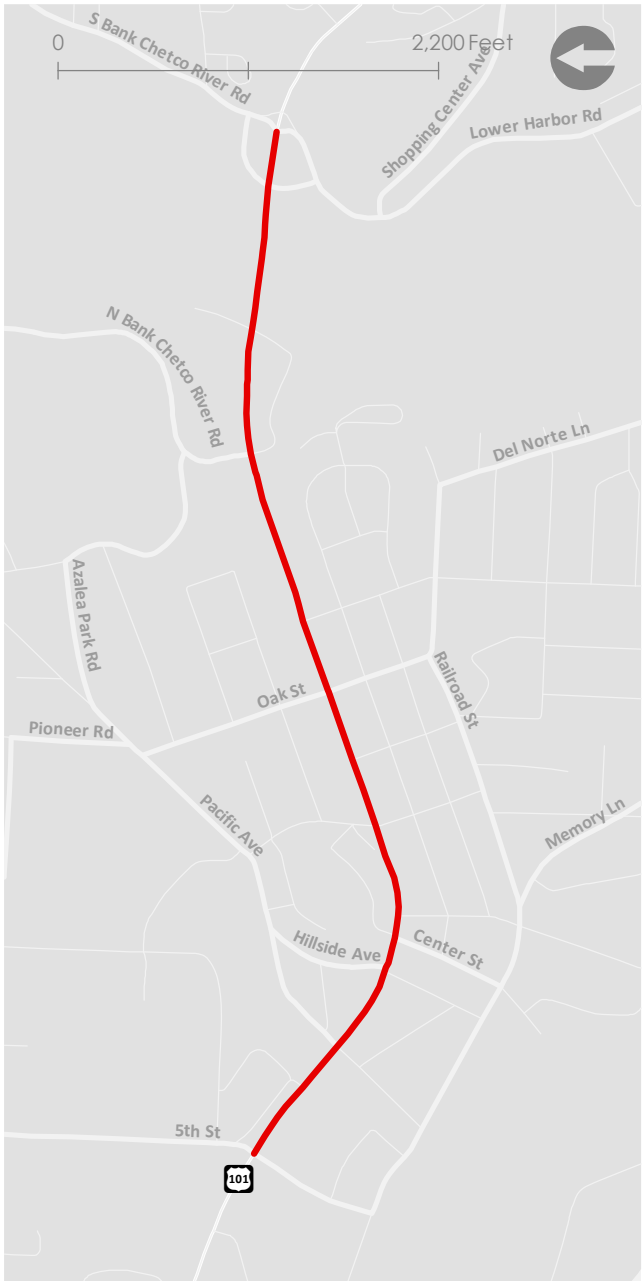
1. Countermeasure not identified as part of ODOT ARTS program.
2. Cost specific to context and number of access points.

24: Chetco Avenue (US 101), 5th Street to Lower Harbor Road – Brookings

Context: Urban	**ODOT Region:** 3	**Length:** 1.19 miles

Project Location

From Street: 5th Street (MP: 356.92)	**To Street:** Lower Harbor Road (MP: 358.11)





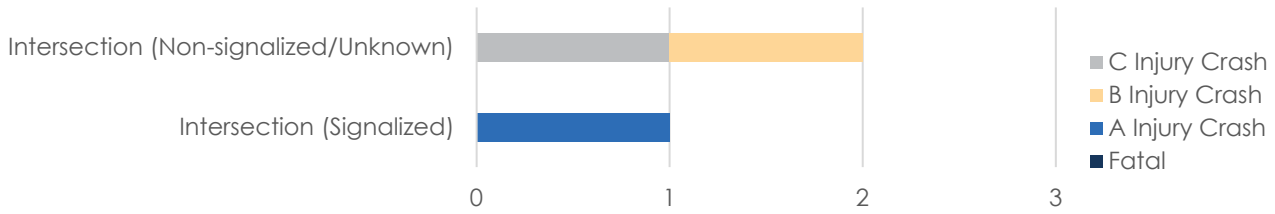




24: Chetco Avenue (US 101), 5th Street to Lower Harbor Road – Brookings

Crash History (2007 – 2017)

3 Total Crashes (Pedestrian Involved)



Risk Factors Present:

- Principal Arterial **– All**
- Number of Lanes (> 4 Lanes) **– All**
- High-Access Density **– Most**
- Posted Speed (>=35 mph) **– Most**
- No Sidewalks (or Only One Side) **– None**
- Mixed-Use Zoning **– None**
- Proximity to Schools (1 Mile) **– All**
- Proximity to Transit Stops (1/4 Mile) **– Minor**

Risk Score (Rank): 7.882 (Second 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Pedestrian Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- 5th Street
- Center Street
- Oak Street
- N Bank Chetco River Road

Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Install No Pedestrian Phase Feature with Flashing Yellow Arrow | **ARTS #:** BP4 | **CRF:** 43

Potential Intersection Locations (Signalized):

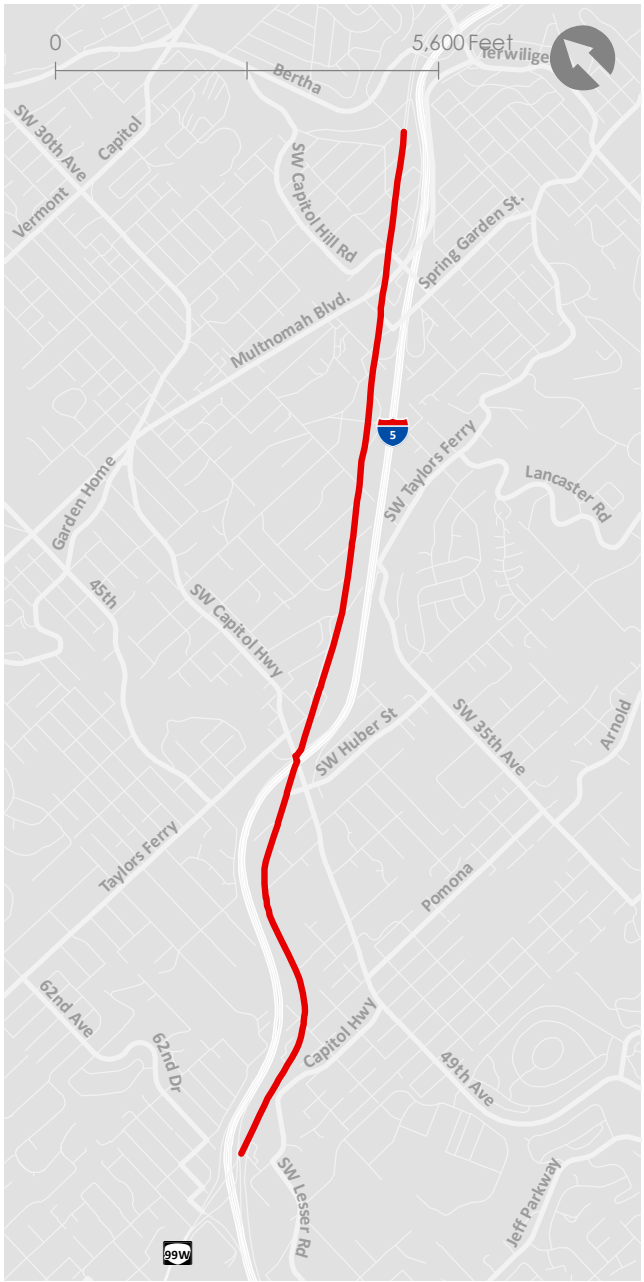
- 5th Street
- N Bank Chetco River Road

Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. *left-turning* vehicles

Planning Level Countermeasure Cost: ~$1,000 per intersection

Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ 5th Street ▸ Center Street	▸ Oak Street ▸ N Bank Chetco River Road	
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections		
Planning Level Countermeasure Cost: ~$7,000/intersection		
Countermeasure: Provide Intersection Lighting	**ARTS #:** BP2	**CRF:** 42
Potential Intersection Locations:		
▸ Oak Street (partial lighting provided) ▸ Center Street ▸ Pacific Avenue		
Potential Affected Risk Factor and/or Conflict: Pedestrian crossing vs. vehicles at night		
Planning Level Countermeasure Cost: ~$8,000 per intersection		
Countermeasure: Install Rectangular Rapid Flashing Beacon without Median (3-Lane or More Roadway)	**ARTS #:** BP9	**CRF:** 10
Potential Mid-Block / Unsignalized Crossing Locations *with* existing median:		
▸ Pacific Avenue (east leg)		
Potential Affected Risk Factor and/or Conflict: Midblock pedestrian vs. vehicles		
Planning Level Countermeasure Cost: $69,000		
Countermeasure: Install Rectangular Rapid Flashing Beacon without Median (3-Lane or More Roadway)	**ARTS #:** BP9	**CRF:** 10
Potential Mid-Block / Unsignalized Crossing Locations *without* existing median:		
▸ Willow Avenue	▸ Fern Avenue	
Potential Affected Risk Factor and/or Conflict: Midblock pedestrian vs. vehicles		
Planning Level Countermeasure Cost: $69,000		

25: Pacific Highway West (OR 99W), SW 13th Avenue to SW 60th Avenue – Tigard		
Context: Urban	**ODOT Region:** 1	**Length:** 1.24 miles
Project Location		
From Street: SW 13th Avenue (MP: 4.45)	**To Street:** SW 60th Avenue (MP: 7.36)	





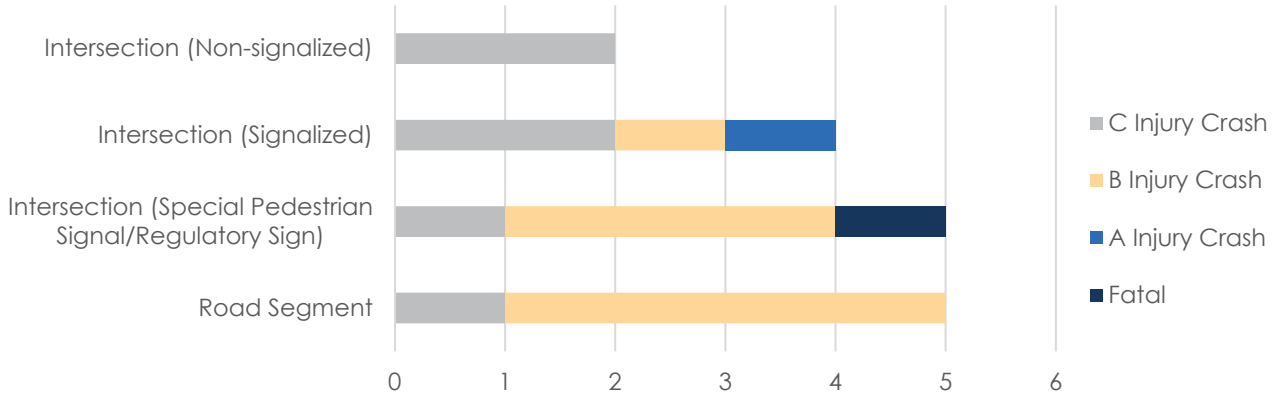




25: Pacific Highway West (OR 99W), SW 13th Avenue to SW 60th Avenue – Tigard

Crash History (2007 – 2017)

16 Total Crashes (Pedestrian Involved)



Risk Factors Present:

- Principal Arterial – **All**
- Number of Lanes (> 4 Lanes) **– All**
- High-Access Density **– Most**
- Posted Speed (>=35 mph) **– All**
- No Sidewalks (or Only One Side) **– All**
- Mixed-Use Zoning **– All**
- Proximity to Schools (1 Mile) **– All**
- Proximity to Transit Stops (1/4 Mile) **– All**

Risk Score (Rank): 10.668 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Pedestrian Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- SW Capitol Hill Road
- SW24th Avenue
- SW 30th Avenue
- Barber Transit Center (east parking lot entrance)
- SW 14th Avenue
- SW Capital Highway
- SW 53rd Avenue
- SW 60th Avenue

Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Install No Pedestrian Phase Feature with Flashing Yellow Arrow	**ARTS #:** BP4	**CRF:** 43
Potential Intersection Locations (Signalized):		
▸ SW 30th Avenue ▸ SW 41st Avenue		
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. *left-turning* vehicles		
Planning Level Countermeasure Cost: ~$1,000 per intersection		
Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ SW Capitol Hill Road ▸ SW 24th Avenue ▸ SW 30th Avenue ▸ Barber Transit Center (east parking lot entrance)	▸ SW 14th Avenue ▸ SW Capital Highway ▸ SW 53rd Avenue ▸ SW 60th Avenue	
Potential Affected Risk Factor and/or Conflict: Pedestrian crossings vs. turning vehicles at signalized intersections		
Planning Level Countermeasure Cost: ~$7,000/intersection		
Countermeasure: Provide Intersection Lighting	**ARTS #:** BP2	**CRF:** 42
Potential Intersection Locations:		
▸ SW Capitol Hill Road ▸ SW24th Avenue	▸ Barber Transit Center (east parking lot entrance) ▸ SW 14th Avenue	
Potential Affected Risk Factor and/or Conflict: Pedestrian crossing vs. vehicles at night		
Planning Level Countermeasure Cost: ~$8,000 per intersection		

Countermeasure: Install Rectangular Rapid Flashing Beacon without Median (3-Lane or More Roadway)	**ARTS #:** BP9	**CRF:** 10
Potential Mid-Block / Unsignalized Crossing Locations *with* existing median:		
▸ SW Barbur Court ▸ SW Huber Street (existing refuge median island)	▸ ~ 560 feet east of SW 60th Avenue ▸ SW Barbur Court (south – existing refuge median island)	
Potential Affected Risk Factor and/or Conflict: Midblock pedestrian vs. vehicles		
Planning Level Countermeasure Cost: $69,000		
Countermeasure: Install Rectangular Rapid Flashing Beacon with Median (3-Lane or More Roadway)	**ARTS #:** BP10	**CRF:** 56
Potential Mid-Block / Unsignalized Crossing Locations *without* existing medians:		
▸ SW Barbur Court (north – south leg of intersection to avoid right-turn movement and adjacent driveway access)	▸ 375 west of SW Taylors Ferry Road ▸ ~150 east of SW Dickinson Street (near transit stop)	
Potential Affected Risk Factor and/or Conflict: Midblock crossings and pedestrian crossings vs. vehicles		
Planning Level Countermeasure Cost: $173,000 per location		
Countermeasure: Add sidewalks (Urban Areas)	**ARTS #:** N/A[1]	**CRF:** 80
Potential Segment Locations:		
▸ Segments of Pacific Highway West (OR 99) currently lacking sidewalks		
Potential Affected Risk Factor and/or Conflict: Segment crashes		
Planning Level Countermeasure Cost: ~$8.50 per foot. Varies based on location and context		

Countermeasure: Access management (>48 per mi to 26-48 per mi)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
▸ Segments of Pacific Highway West (OR 99) with high levels of commercial access		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. pedestrian crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[2]		

1. Countermeasure not identified as part of ODOT ARTS program.
2. Cost specific to context and number of access points.

Attachment E
State Highway Risk Scores

Highway Name (Urban)	Begin Mile Point	End Mile Point	Urban Risk Score
OREGON COAST	18.11	18.2	10.75
OSWEGO	2.08	2.11	10.75
OREGON COAST	18.53	18.55	10.75
OSWEGO	7.5	7.75	10.75
OSWEGO	11.06	11.13	10.75
SELLWOOD BRIDGE CONN. NO 3	2.89	2.9	10.75
OREGON COAST	18.55	18.83	10.75
OREGON COAST	17.99	18.11	10.75
SELLWOOD BRIDGE CONN. NO 3	2.72	2.9	10.75
SELLWOOD BRIDGE CONN. NO 1	2.52	2.72	10.75
MCKENZIE-BEND	19.03	19.35	10.75
OSWEGO	2.2	2.21	10.75
OSWEGO	2.35	2.38	10.75
OSWEGO	11.13	11.14	10.75
OSWEGO	2.38	2.52	10.75
MCKENZIE-BEND	18.87	18.94	10.75
OREGON COAST	18.46	18.53	10.75
OSWEGO	2.21	2.35	10.75
SANTIAM	15.1	15.8	10.75
OSWEGO	2.11	2.2	10.75
MCKENZIE-BEND	18.94	19.03	10.75
PACIFIC HIGHWAY EAST	2.59	2.73	10.75
SALEM	5.33	5.39	10.75
PACIFIC HIGHWAY WEST	6.3	6.39	10.75
CASCADE HWY NORTH	6.24	6.29	10.75
CASCADE HWY NORTH	3.99	4.24	10.75
PACIFIC HIGHWAY WEST	2.2	2.26	10.75
PACIFIC HIGHWAY EAST	12.94	13	10.75
TUALATIN VALLEY	3.82	3.89	10.75
TUALATIN VALLEY	4.6	4.9	10.75
PACIFIC HIGHWAY WEST	4.65	4.68	10.75
TUALATIN VALLEY	1.55	1.61	10.75
PACIFIC HIGHWAY WEST	5.07	5.1	10.75
BEAVERTON-HILLSDALE	2.56	2.74	10.75
PACIFIC HIGHWAY EAST	32.6	32.7	10.75
PACIFIC HIGHWAY WEST	23.07	23.2	10.75
PACIFIC HIGHWAY WEST	6.08	6.17	10.75
PACIFIC HIGHWAY EAST	12.6	12.94	10.75
TUALATIN VALLEY	3.09	3.18	10.75
MT. HOOD	14.62	14.72	10.75
PACIFIC HIGHWAY WEST	4.35	4.45	10.75
CASCADE HWY NORTH	5.24	5.4	10.75
PACIFIC HIGHWAY EAST	21.05	21.14	10.75
PACIFIC HIGHWAY WEST	6.6	6.93	10.75
PACIFIC HIGHWAY WEST	4.45	4.5	10.75
PACIFIC HIGHWAY WEST	7.61	7.64	10.75
CASCADE HWY NORTH	4.24	4.33	10.75
PACIFIC HIGHWAY EAST	32.87	32.94	10.75
PACIFIC HIGHWAY WEST	5.78	5.99	10.75
PACIFIC HIGHWAY WEST	7.56	7.61	10.75
CASCADE HWY NORTH	8.23	8.3	10.75
PACIFIC HIGHWAY EAST	32.78	32.87	10.75
TUALATIN VALLEY	2.62	2.65	10.75
PACIFIC HIGHWAY EAST	32.7	32.78	10.75
MT. HOOD	1.76	1.81	10.75
PACIFIC HIGHWAY WEST	5.47	5.58	10.75
TUALATIN VALLEY	2.04	2.13	10.75
CORVALLIS-NEWPORT	51.33	51.43	10.75
CASCADE HWY NORTH	0.49	0.53	10.75
PACIFIC HIGHWAY WEST	4.34	4.45	10.75
CASCADE HWY NORTH	6.18	6.24	10.75
TUALATIN VALLEY	1.46	1.49	10.75
PACIFIC HIGHWAY WEST	7.37	7.56	10.75
CASCADE HWY NORTH	0.44	0.49	10.75
CASCADE HWY NORTH	7.92	8.06	10.75
PACIFIC HIGHWAY WEST	123.31	123.37	10.75
PACIFIC HIGHWAY WEST	4.68	4.78	10.75
CASCADE HWY NORTH	7.23	7.25	10.75
PACIFIC HIGHWAY WEST	23.05	23.07	10.75
TUALATIN VALLEY	0.95	1.43	10.75
NE PORTLAND HWY CONN. NO 2	0.44	0.53	10.75
TUALATIN VALLEY	2.81	2.85	10.75
PACIFIC HIGHWAY WEST	38.07	38.22	10.75
CASCADE HWY NORTH	2.22	2.33	10.75
MT. HOOD	1.15	1.2	10.75
TUALATIN VALLEY	8.05	8.32	10.75

TUALATIN VALLEY	3.18	3.35	10.75
PACIFIC HIGHWAY WEST	4.63	4.65	10.75
PACIFIC HIGHWAY WEST	6.19	6.3	10.75
PACIFIC HIGHWAY WEST	6.97	7.09	10.75
PACIFIC HIGHWAY WEST	2.33	2.34	10.75
CASCADE HWY NORTH	6.29	6.33	10.75
CLACKAMETTE PARK CONN NO 2	11.48	11.59	10.75
CASCADE HWY NORTH	6.5	6.58	10.75
MT. HOOD HWY CONN.	1.1	1.14	10.75
PACIFIC HIGHWAY WEST	4.5	4.56	10.75
MT. HOOD	1.43	1.47	10.75
MT. HOOD	14.47	14.56	10.75
PACIFIC HIGHWAY WEST	8.88	8.94	10.75
TUALATIN VALLEY	2.56	2.62	10.75
TUALATIN VALLEY	7.8	7.9	10.75
PACIFIC HIGHWAY WEST	5.1	5.14	10.75
CASCADE HWY NORTH	7.33	7.41	10.75
CASCADE HWY NORTH	7.25	7.28	10.75
PACIFIC HIGHWAY WEST	8.94	9.46	10.75
TUALATIN VALLEY	4.51	4.58	10.75
PACIFIC HIGHWAY WEST	38.23	38.3	10.75
PACIFIC HIGHWAY WEST	4.95	5.03	10.75
PACIFIC HIGHWAY WEST	8.62	8.69	10.75
PACIFIC HIGHWAY EAST	21.14	21.27	10.75
PACIFIC HIGHWAY EAST	20.92	21	10.75
CASCADE HWY NORTH	8.3	8.41	10.75
PACIFIC HIGHWAY EAST	21.27	21.42	10.75
PACIFIC HIGHWAY WEST	4.89	4.95	10.75
PACIFIC HIGHWAY WEST	5.68	5.78	10.75
PACIFIC HIGHWAY EAST	21	21.05	10.75
PACIFIC HIGHWAY WEST	5.42	5.47	10.75
PACIFIC HIGHWAY WEST	4.78	4.82	10.75
MT. HOOD	14.58	14.62	10.75
PACIFIC HIGHWAY WEST	5.58	5.6	10.75
PACIFIC HIGHWAY WEST	9.46	9.47	10.75
TUALATIN VALLEY	3.09	3.18	10.75
PACIFIC HIGHWAY WEST	8.69	8.74	10.75
CASCADE HWY NORTH	6.4	6.48	10.75
CORVALLIS-NEWPORT	50.72	50.79	10.75
CASCADE HWY NORTH	5.4	5.47	10.75
CORVALLIS-NEWPORT	50.73	50.79	10.75
PACIFIC HIGHWAY WEST	5.03	5.07	10.75
TUALATIN VALLEY	2.41	2.48	10.75
CORVALLIS-NEWPORT	50.79	50.81	10.75
PACIFIC HIGHWAY WEST	6.93	6.97	10.75
TUALATIN VALLEY	2.75	2.81	10.75
PACIFIC HIGHWAY WEST	4.82	4.89	10.75
CASCADE HWY NORTH	7.28	7.32	10.75
PACIFIC HIGHWAY EAST	21.42	21.59	10.75
MT. HOOD	1.06	1.1	10.75
TUALATIN VALLEY	3.72	3.82	10.75
MT. HOOD	1.47	1.76	10.75
PACIFIC HIGHWAY WEST	5.16	5.36	10.75
CASCADE HWY NORTH	0.34	0.44	10.75
PACIFIC HIGHWAY WEST	6.17	6.19	10.75
TUALATIN VALLEY	2.48	2.56	10.75
MT. HOOD	1.47	1.76	10.75
PACIFIC HIGHWAY EAST	6.57	6.87	10.75
PACIFIC HIGHWAY EAST	6.21	6.3	10.75
CASCADE HWY NORTH	7.32	7.33	10.75
TUALATIN VALLEY	4.58	4.6	10.75
PACIFIC HIGHWAY WEST	5.99	6.08	10.75
TUALATIN VALLEY	1.43	1.46	10.75
TUALATIN VALLEY	2.81	2.85	10.75
MT. HOOD	14.56	14.58	10.75
TUALATIN VALLEY	3.89	3.95	10.75
TUALATIN VALLEY	1.49	1.55	10.75
PACIFIC HIGHWAY WEST	5.36	5.42	10.75
PACIFIC HIGHWAY WEST	5.14	5.16	10.75
PACIFIC HIGHWAY WEST	2.27	2.33	10.75
PACIFIC HIGHWAY WEST	4.56	4.63	10.75
N.E. PORTLAND HWY. FRONTAG	0.4	0.44	10.75
CASCADE HWY NORTH	6.48	6.5	10.75
PACIFIC HIGHWAY EAST	11.02	11.48	10.75
MT. HOOD	14.75	14.77	10.75
TUALATIN VALLEY	7.9	8.05	10.75
TUALATIN VALLEY	6.6	6.73	10.75

MT. HOOD	14.72	14.75	10.75
MT. HOOD HWY CONN. NO. 1	1.62	1.66	10.75
PACIFIC HIGHWAY WEST	37.98	38.23	10.75
MT. HOOD	1.1	1.15	10.75
CASCADE HWY NORTH	2.15	2.22	10.75
PACIFIC HIGHWAY WEST	2.21	2.27	10.75
PACIFIC HIGHWAY WEST	5.6	5.68	10.75
MT. HOOD	14.77	15.41	10.75
PACIFIC HIGHWAY WEST	6.39	6.6	10.75
TUALATIN VALLEY	17.34	17.46	10.75
LOWER COLUMBIA RIVER	28.56	28.59	10.75
HILLSBORO-SILVERTON	39.31	39.34	10.75
LOWER COLUMBIA RIVER	28.59	28.65	10.75
LOWER COLUMBIA RIVER	28.65	28.67	10.75
SW CORONADO ST FRONT. RD.	7.67	7.88	10.75
SW BARBUR CT. FRONTAGE RD.	5.26	5.37	10.75
HILLSBORO-SILVERTON	20.65	20.73	10.75
LOWER COLUMBIA RIVER	28.37	28.56	10.75
1ST STREET CONN. NO. 1	20.55	20.63	10.75
CAPE ARAGO	1.6	1.65	10.75
SW BARBUR CT. FRONTAGE RD.	5.16	5.26	10.75
SW SPRING GARDEN ST. CONN.	5.1	5.12	10.75
CAPE ARAGO	1.65	1.7	10.75
KLAMATH FALLS-LAKEVIEW	3.28	3.36	9.75
CRATER LAKE	0.89	1.05	9.75
GREEN SPRINGS	0.88	0.95	9.75
THE DALLES-CALIFORNIA	122.85	123.17	9.75
SANTIAM	1.3	1.31	9.75
COLUMBIA RIVER	184.03	184.08	9.75
GOSHEN-DIVIDE	174.16	174.169	9.75
WILLAMETTE	0.5	1.13	9.75
THE DALLES-CALIF HWY CONN.	-0.048	-4.00E-02	9.75
REDWOOD	0.47	0.48	9.75
SANTIAM	0.12	0.15	9.75
THE DALLES-CALIFORNIA	138.08	138.15	9.75
COLUMBIA RIVER	184.01	184.03	9.75
OREGON COAST	7.53	8.38	9.75
MCKENZIE-BEND	19.91	20.19	9.75
SANTIAM	0.114009637	0.12	9.75
KLAMATH FALLS-LAKEVIEW	4.33	4.38	9.75
THE DALLES-CALIFORNIA	134.14	134.44	9.75
OREGON COAST	236.06	236.28	9.75
SANTIAM HWY CONN. NO. 4	1.15	1.21	9.75
KLAMATH FALLS-LAKEVIEW	3.51	3.57	9.75
BAKER-COPPERFIELD	1.14	1.26	9.75
OREGON-WASHINGTON	-1.19	-0.77	9.75
SANTIAM	0.9	0.97	9.75
SANTIAM	4.00E-02	0.12	9.75
GREEN SPRINGS	0.73	0.88	9.75
CRATER LAKE	0.36	0.41	9.75
REDWOOD	-2.74	-2.45	9.75
SANTIAM	25.91	26.67	9.75
SANTIAM	0.114	0.12	9.75
MCKENZIE-BEND	20.35	20.4	9.75
OREGON COAST	115.66	115.74	9.75
KLAMATH FALLS-LAKEVIEW	3.22	3.28	9.75
REDWOOD	0.35	0.47	9.75
MCKENZIE	6.03	6.11	9.75
SANTIAM	1.01	1.12	9.75
OREGON COAST	356.53	356.74	9.75
S MEDFORD CONN. NO. 3	26.76	26.95	9.75
OREGON COAST	237.46	237.6	9.75
CRATER LAKE	7.11	7.15	9.75
BAKER-COPPERFIELD	1.05	1.13	9.75
CRATER LAKE	1.05	1.09	9.75
KLAMATH FALLS-LAKEVIEW	3.62	3.74	9.75
WASHINGTON ST. FRONT. RD.	14.15	14.33	9.75
MCKENZIE-BEND	20.19	20.22	9.75
OREGON COAST	237.24	237.31	9.75
THE DALLES-CALIFORNIA	122.26	122.85	9.75
BAKER-COPPERFIELD	1.26	1.57	9.75
CRATER LAKE	7.15	7.17	9.75
THE DALLES-CALIFORNIA	140.06	140.3	9.75
MCKENZIE-BEND	19.35	19.44	9.75
CRATER LAKE	0.79	0.8	9.75
SANTIAM	-3.00E-02	0.12	9.75
CRATER LAKE	7.49	7.64	9.75

OREGON-WASHINGTON	33.53	33.91	9.75
CAMPBELL ST. INTCHGE. #2	304.75	304.76	9.75
REDWOOD	5.00E-02	0.35	9.75
REED MARKET RD. CONN. NO 5	139.34	139.58	9.75
OREGON COAST	236.39	236.49	9.75
KLAMATH FALLS-LAKEVIEW	5.48	5.56	9.75
CRATER LAKE	7.64	7.83	9.75
CRATER LAKE	7.49	7.6	9.75
SANTIAM	1.15	1.16	9.75
CRATER LAKE	0.55	0.67	9.75
KLAMATH FALLS-LAKEVIEW	5.19	5.48	9.75
WILLAMETTE	0.3	0.42	9.75
MCKENZIE	6.11	6.23	9.75
THE DALLES-CALIFORNIA	139.08	139.34	9.75
MCKENZIE-BEND	20.27	20.35	9.75
OREGON COAST	236.33	236.39	9.75
CRATER LAKE	0.41	0.43	9.75
REDWOOD	-2.45	-2.36	9.75
GREEN SPRINGS	1.04	1.18	9.75
OREGON-WASHINGTON	31.2	31.51	9.75
KLAMATH FALLS-LAKEVIEW	4.44	4.5	9.75
CRATER LAKE	6.33	7.11	9.75
KLAMATH FALLS-LAKEVIEW	3.87	4	9.75
CRATER LAKE	0.43	0.45	9.75
MCKENZIE	2.96	2.98	9.75
SANTIAM	1.16	1.3	9.75
MCKENZIE	6.23	6.24	9.75
OREGON COAST	18.83	19.15	9.75
KLAMATH FALLS-LAKEVIEW	3.57	3.62	9.75
THE DALLES-CALIF HWY CONN.	4.00E-02	0.19	9.75
OREGON COAST	237.38	237.46	9.75
OREGON-WASHINGTON	30.68	30.77	9.75
OREGON COAST	236.28	236.33	9.75
CRATER LAKE	7.6	7.64	9.75
OREGON COAST	65.25	65.59	9.75
BIDDLE RD. CONN. NO. 3	0.8	1.05	9.75
ALBANY FRONTAGE RD.	233.23	233.52	9.75
CRATER LAKE	0.48	0.55	9.75
OREGON COAST	188.26	188.56	9.75
MCKENZIE-BEND	19.44	19.49	9.75
OREGON-WASHINGTON	33.91	34.41	9.75
REDWOOD	0.84	1.04	9.75
KLAMATH FALLS-LAKEVIEW	4.38	4.44	9.75
GREEN SPRINGS	1.18	1.28	9.75
COLORADO AVE. CONN. NO. 4	138.15	138.21	9.75
OREGON-WASHINGTON	33.28	33.53	9.75
KLAMATH FALLS-LAKEVIEW	3.43	3.49	9.75
BAKER-COPPERFIELD	0.98	1.05	9.75
MCKENZIE-BEND	20.22	20.27	9.75
COLORADO AVE. CONN. NO. 1	138.08	138.15	9.75
KLAMATH FALLS-LAKEVIEW	3.74	3.87	9.75
CRATER LAKE	7.17	7.36	9.75
ALBANY FRONTAGE RD.	234.08	234.15	9.75
SANTIAM	0.87	0.9	9.75
CRATER LAKE	0.45	0.48	9.75
REDWOOD	0.2	0.25	9.75
OREGON COAST	1.14E-13	3.8	9.75
REDWOOD	0.48	0.64	9.75
WALLOWA LAKE	0.72	0.79	9.75
OREGON COAST	118	118.2	9.75
KLAMATH FALLS-LAKEVIEW	5.48	5.54	9.75
SANTIAM	1.31	1.43	9.75
THE DALLES-CALIFORNIA	138.05	138.08	9.75
OREGON COAST	237.31	237.38	9.75
MCKENZIE	6.32	6.43	9.75
MCKENZIE-BEND	19.49	19.66	9.75
SANTIAM	1.12	1.15	9.75
CRATER LAKE	0.8	0.89	9.75
OREGON COAST	188.56	188.62	9.75
JACKSONVILLE	5.00E-02	5.80E-02	9.75
OREGON COAST	236.55	237.02	9.75
KLAMATH FALLS-LAKEVIEW	3.49	3.51	9.75
OREGON COAST	236.49	236.55	9.75
KLAMATH FALLS-LAKEVIEW	4.25	4.33	9.75
COLUMBIA RIVER	183.88	184.01	9.75
MCKENZIE	2.91	2.96	9.75
REDWOOD	0.32	0.35	9.75

SANTIAM	0.83	0.87	9.75
REDWOOD	0.25	0.32	9.75
MCKENZIE	6.24	6.32	9.75
OREGON COAST	235.53	235.84	9.75
KLAMATH FALLS-LAKEVIEW	4	4.25	9.75
REDWOOD	0.48	0.62	9.75
KLAMATH FALLS-LAKEVIEW	3.36	3.43	9.75
OREGON COAST	237.12	237.24	9.75
SANTIAM	-4.00E-02	4.00E-02	9.75
MCKENZIE	2.91	2.95	9.75
CRATER LAKE	0.67	0.79	9.75
COOS BAY-ROSEBURG	75.63	75.72	9.75
TUALATIN VALLEY	0.68	0.76	9.75
GEARY ST. CONN. NO. 1	1.36	1.45	9.75
ALBANY-JUNCTION CITY	0.65	0.88	9.75
ROGUE VALLEY	10.69	10.77	9.75
MISSION ST. CONN. NO. 2	6.32	6.49	9.75
PACIFIC HIGHWAY EAST	7.33	7.41	9.75
KLAMATH FALLS-MALIN	-4.47	-4.46	9.75
PACIFIC HIGHWAY EAST	32.47	32.52	9.75
TUALATIN VALLEY	0.58	0.68	9.75
PACIFIC HIGHWAY EAST	21.59	21.8	9.75
ROGUE VALLEY	10.86	11.11	9.75
ALBANY-JUNCTION CITY	2.56	2.64	9.75
MT. HOOD	23.65	23.87	9.75
TUALATIN VALLEY	15.9	16.06	9.75
COOS BAY-ROSEBURG	75.62	75.63	9.75
PENDLETON-JOHN DAY	2.51	2.67	9.75
PACIFIC HIGHWAY WEST	82.64	82.95	9.75
COOS BAY-ROSEBURG	76.1	76.22	9.75
CORVALLIS-LEBANON HWY CONN	7.71	8.08	9.75
PACIFIC HIGHWAY WEST	38.99	39.05	9.75
ROGUE RIVER	0.21	0.35	9.75
CORVALLIS-NEWPORT	56.15	56.8	9.75
ROGUE VALLEY	5.16	5.22	9.75
TUALATIN VALLEY	6.45	6.56	9.75
TUALATIN VALLEY	2.24	2.32	9.75
SALEM	6.3	6.51	9.75
PACIFIC HIGHWAY WEST	84.16	84.31	9.75
TUALATIN VALLEY	2.32	2.36	9.75
PACIFIC HWY. WEST CONN.	44.3	44.48	9.75
TUALATIN VALLEY	15.53	15.72	9.75
PACIFIC HIGHWAY WEST	9.83	9.85	9.75
ROGUE VALLEY	12	12.24	9.75
MISSION ST. CONN. NO. 1	6.3	6.49	9.75
MORGAN LANE CONN. NO. 1	2.45	2.48	9.75
NE PORTLAND HWY CONN. NO 1	0.4	0.5	9.75
ROGUE VALLEY	3.77	4.03	9.75
TUALATIN VALLEY	15.22	15.36	9.75
PACIFIC HIGHWAY EAST	6.3	6.31	9.75
MISSION ST. CONN. NO. 1	6.49	6.51	9.75
PACIFIC HIGHWAY EAST	31.7	31.87	9.75
SALEM	5.01	5.09	9.75
ROGUE VALLEY	10.77	10.86	9.75
PACIFIC HIGHWAY EAST	9.97	10.14	9.75
TUALATIN VALLEY	2.36	2.41	9.75
PACIFIC HIGHWAY WEST	38.75	38.99	9.75
ALBANY-JUNCTION CITY	0.4	0.41	9.75
PACIFIC HIGHWAY WEST	10.3	10.36	9.75
TUALATIN VALLEY	0.53	0.58	9.75
PACIFIC HIGHWAY WEST	3.72	3.82	9.75
TUALATIN VALLEY	0.79	0.95	9.75
KLAMATH FALLS-MALIN	-3.22	-2.98	9.75
PACIFIC HIGHWAY EAST	6.31	6.47	9.75
PACIFIC HIGHWAY EAST	7.04	7.33	9.75
KLAMATH FALLS-MALIN	-6.41	-5.4	9.75
PACIFIC HIGHWAY EAST	6.87	7.04	9.75
PENDLETON-JOHN DAY	2.49	2.51	9.75
PACIFIC HIGHWAY WEST	8.28	8.37	9.75
PACIFIC HIGHWAY WEST	85.58	85.94	9.75
KLAMATH FALLS-MALIN	-4.46	-4.43	9.75
TUALATIN VALLEY	15.53	15.72	9.75
ROGUE VALLEY	4.94	5.16	9.75
TUALATIN VALLEY	15.36	15.39	9.75
SALEM	3.34	3.4	9.75
KLAMATH FALLS-MALIN	-3.74	-3.24	9.75
PACIFIC HIGHWAY EAST	8.99	9.22	9.75

COOS BAY-ROSEBURG	75.83	76.07	9.75
KLAMATH FALLS-MALIN	-4.51	-4.5	9.75
COOS BAY-ROSEBURG	75.72	75.83	9.75
TUALATIN VALLEY	6.26	6.45	9.75
PACIFIC HIGHWAY WEST	36.68	36.71	9.75
ROGUE RIVER	0.11	0.21	9.75
PACIFIC HIGHWAY WEST	9.76	9.83	9.75
PACIFIC HIGHWAY EAST	20.62	20.92	9.75
TUALATIN VALLEY	11.46	11.72	9.75
WILLAMINA-SALEM HWY CONN.	4.87	4.96	9.75
ROGUE VALLEY	10.35	10.58	9.75
PACIFIC HIGHWAY EAST	9.76	9.8	9.75
ALBANY-JUNCTION CITY	1.3	1.36	9.75
MT. HOOD	23.47	23.54	9.75
ROGUE VALLEY	10.58	10.69	9.75
ALBANY-JUNCTION CITY	1.3	1.35	9.75
SALEM	6.51	6.57	9.75
MT. HOOD	24.61	24.7	9.75
KLAMATH FALLS-MALIN	-4.6	-4.51	9.75
TUALATIN VALLEY	15.12	15.22	9.75
ALBANY-JUNCTION CITY	0.56	0.65	9.75
TUALATIN VALLEY	2.13	2.24	9.75
PACIFIC HIGHWAY EAST	45.89	46	9.75
KLAMATH FALLS-MALIN	-4.97	-4.8	9.75
ROGUE VALLEY	8.56	8.81	9.75
PACIFIC HIGHWAY WEST	21.54	21.8	9.75
GEARY ST. CONN. NO. 1	1.3	1.36	9.75
ALBANY-JUNCTION CITY	1.35	1.42	9.75
COOS BAY-ROSEBURG	76.07	76.1	9.75
ALBANY-JUNCTION CITY	0.41	0.43	9.75
ALBANY-JUNCTION CITY	0.66	0.78	9.75
ROGUE VALLEY	18.21	18.26	9.75
PACIFIC HIGHWAY EAST	7.58	7.7	9.75
ROGUE VALLEY	13.37	13.82	9.75
ROGUE VALLEY	8.4	8.48	9.75
PACIFIC HIGHWAY WEST	24.13	24.4	9.75
TUALATIN VALLEY	15.9	16.07	9.75
KLAMATH FALLS-MALIN	-4.8	-4.64	9.75
PACIFIC HIGHWAY EAST	9.8	9.97	9.75
KLAMATH FALLS-MALIN	-4.43	-3.93	9.75
PENDLETON-JOHN DAY	0.24	0.29	9.75
ROGUE VALLEY	3.67	3.77	9.75
SALEM	6.3	6.65	9.75
ROGUE VALLEY	13.82	14.07	9.75
ALBANY-JUNCTION CITY	0.43	0.49	9.75
ALBANY-JUNCTION CITY	1.24	1.3	9.75
ROGUE VALLEY	14.07	14.2	9.75
KLAMATH FALLS-MALIN	-4.64	-4.6	9.75
TUALATIN VALLEY	15.22	15.36	9.75
TUALATIN VALLEY	0.48	0.53	9.75
PACIFIC HIGHWAY WEST	10.3	10.36	9.75
COOS BAY-ROSEBURG CONN 1	75.99	76.1	9.75
PACIFIC HIGHWAY WEST	36.36	36.68	9.75
ROGUE VALLEY	12.24	12.59	9.75
PACIFIC HIGHWAY EAST	9.51	9.76	9.75
PACIFIC HIGHWAY WEST	10.16	10.3	9.75
ROGUE VALLEY	17.95	18.21	9.75
MT. HOOD	23.54	23.65	9.75
TUALATIN VALLEY	15.39	15.53	9.75
ALBANY-JUNCTION CITY	2.08	2.14	9.75
PACIFIC HIGHWAY EAST	7.41	7.58	9.75
ROGUE VALLEY	14.59	14.9	9.75
PACIFIC HIGHWAY EAST	32.41	32.47	9.75
ALBANY-JUNCTION CITY	1.42	1.52	9.75
SALMON RIVER	60.81	60.88	9.75
KLAMATH FALLS-MALIN	-2.38	-2.24	9.75
PACIFIC HIGHWAY WEST	8.18	8.28	9.75
TUALATIN VALLEY	15.72	15.9	9.75
TUALATIN VALLEY	11.28	11.46	9.75
ROGUE VALLEY	8.48	8.56	9.75
KLAMATH FALLS-MALIN	-4.5	-4.47	9.75
MORGAN LANE CONN. NO. 1	2.48	2.58	9.75
PACIFIC HIGHWAY EAST	-4.08	-4.01	9.75
PACIFIC HIGHWAY WEST	22.01	22.05	9.75
ALBANY-JUNCTION CITY	2.64	2.74	9.75
PACIFIC HIGHWAY WEST	35.68	36.06	9.75
PACIFIC HIGHWAY EAST	32.52	32.6	9.75

ALBANY-JUNCTION CITY	0.88	0.93	9.75
ALBANY-JUNCTION CITY	0.49	0.56	9.75
PACIFIC HIGHWAY WEST	22.05	22.09	9.75
PACIFIC HIGHWAY EAST	8.21	8.42	9.75
TUALATIN VALLEY	0.76	0.79	9.75
PACIFIC HIGHWAY EAST	-4.48	-4.08	9.75
SALEM	4.84	5.19	9.75
PACIFIC HIGHWAY WEST	123.3	123.31	9.75
SALEM	3.34	3.41	9.75
KLAMATH FALLS-MALIN	-5.22	-5.06	9.75
LOWER COLUMBIA RIVER	19.61	19.66	9.75
LOWER COLUMBIA RIVER	25	25.25	9.75
NORTH UMPQUA HIGHWAY EAST	-0.204	-0.2	9.75
REDWOOD SPUR	-0.55	-0.48	9.75
LOWER COLUMBIA RIVER	99.29	99.34	9.75
REDWOOD SPUR	-3.00E-02	1.14E-13	9.75
NORTHEAST PORTLAND	6.37	6.45	9.75
CAPE ARAGO	1.87	1.99	9.75
JACKSONVILLE	1.14E-13	3.00E-02	9.75
NORTH UMPQUA HIGHWAY EAST	-0.84	-0.8	9.75
LOWER COLUMBIA RIVER	20.96	21	9.75
REDWOOD SPUR	-0.48	-3.00E-02	9.75
LOWER COLUMBIA RIVER	20.35	20.53	9.75
LOWER COLUMBIA RIVER	1.97	1.99	9.75
OLDS FERRY-ONTARIO	29.44	29.55	9.75
LOWER COLUMBIA RIVER	19.89	20.24	9.75
NORTHEAST PORTLAND	8.57	8.78	9.75
LOWER COLUMBIA RIVER	25.5	25.8	9.75
NORTHEAST PORTLAND	10.08	10.37	9.75
ALBANY-JCT. CITY HWY. # 2	7.71	8.01	9.75
CAPE ARAGO	1.81	1.93	9.75
SALEM-DAYTON	20.13	20.15	9.75
GOSHEN-DIVIDE	14.03	14.1	9.75
SALEM-DAYTON	20.75	20.78	9.75
LOWER COLUMBIA RIVER	99.09	99.15	9.75
OLD ALIGNMENT FRONTAGE RD	7.25	7.56	9.75
SALEM-DAYTON	19.86	20.13	9.75
NORTH UMPQUA HIGHWAY EAST	1.47	2.18	9.75
LOWER COLUMBIA RIVER	3.38	3.55	9.75
WARREN CONN.	25.25	25.27	9.75
REDWOOD SPUR	-0.69	-0.64	9.75
LOWER COLUMBIA RIVER	19.66	19.76	9.75
LOWER COLUMBIA RIVER	20.91	20.96	9.75
REDWOOD	1.14E-13	1.00E-02	9.75
LOWER COLUMBIA RIVER	2.68	2.83	9.75
REDWOOD SPUR	1.14E-13	0.24	9.75
LOWER COLUMBIA RIVER	19.08	19.61	9.75
LOWER COLUMBIA RIVER	21.26	21.27	9.75
JACKSONVILLE	38.09	38.42	9.75
NORTHEAST PORTLAND	8.47	8.57	9.75
LOWER COLUMBIA RIVER	20.24	20.35	9.75
CAPE ARAGO	1.83	1.87	9.75
CAPE ARAGO	1.7	1.83	9.75
LOWER COLUMBIA RIVER	21.05	21.26	9.75
NORTHEAST PORTLAND	8.41	8.47	9.75
LOWER COLUMBIA RIVER	25.48	25.5	9.75
SALEM-DAYTON	19.98	20.13	9.75
LOWER COLUMBIA RIVER	21	21.05	9.75
LOWER COLUMBIA RIVER	25.25	25.44	9.75
NORTH UMPQUA HIGHWAY EAST	1.14E-13	0.1	9.75
LOWER COLUMBIA RIVER	25.44	25.48	9.75
NORTH UMPQUA HIGHWAY EAST	-0.23	-0.2	9.75
HILLSBORO-SILVERTON	36.75	36.83	9.75
LOWER COLUMBIA RIVER	3.35	3.38	9.75
JACKSONVILLE	3.00E-02	0.13	9.75
CORVALLIS-LEBANON	0.13	0.32	9.75
JACKSONVILLE	1.14E-13	0.17	9.75
HILLSBORO-SILVERTON	39.07	39.29	9.75
CORVALLIS-LEBANON	0.13	0.32	9.75
COTTAGE GROVE INTCHG. CONN	14.1	14.16	9.75
NORTHEAST PORTLAND	10.37	10.45	9.75
JACKSONVILLE	38.09	38.42	9.75
REDWOOD SPUR	-0.64	-0.55	9.75
OLDS FERRY-ONTARIO	27.77	27.9	9.75
CAPE ARAGO	1.7	1.81	9.75
CENTRAL OREGON	2.65	2.8	9.72
CLACKAMETTE PARK CONN NO 2	11.59	11.64	9.72

CASCADE HWY NORTH	7.41	7.42	9.72
CASCADE HWY NORTH	7.9	7.92	9.72
UMATILLA-STANFIELD	11.41	12.01	9.72
PACIFIC HIGHWAY WEST	7.67	7.8	9.72
BELTLINE	3.1	4.24	9.72
PACIFIC HIGHWAY WEST	7.64	7.67	9.72
CASCADE HWY NORTH	7.81	7.9	9.72
CLACKAMAS	8.15	8.16	9.72
LOWER COLUMBIA RIVER	8.35	8.4	9.72
LOWER COLUMBIA RIVER	8.15	8.27	9.72
LOWER COLUMBIA RIVER	8.45	8.55	9.72
CLACKAMAS BORING CONN NO 1	8.16	8.19	9.72
LOWER COLUMBIA RIVER	8.55	8.68	9.72
CLACKAMAS	8.15	8.19	9.72
CLACKAMAS	8.19	8.22	9.72
CLACKAMAS BORING CONN NO 1	8.186	8.19	9.72
CLACKAMAS	8.16	8.2	9.72
CLACKAMAS	8.186087087	8.19	9.72
CLACKAMAS	8.05	8.15	9.72
LOWER COLUMBIA RIVER	8.4	8.45	9.72
THE DALLES-CALIFORNIA	121.21	121.23	9.67
SANTIAM	14.58	14.66	9.67
OREGON COAST	18.2	18.3	9.67
OREGON COAST	18.3	18.46	9.67
THE DALLES-CALIFORNIA	121.23	121.43	9.67
SANTIAM	15.8	15.87	9.67
THE DALLES-CALIFORNIA	121.18	121.21	9.67
OCHOCO	0.22	0.26	9.67
NORTHEAST PORTLAND	9.08	9.2	9.67
NORTHEAST PORTLAND	9.02	9.08	9.67
OSWEGO	5.73	5.74	9.51
OSWEGO	2.9	3.67	9.51
OSWEGO	5.46	5.73	9.51
OSWEGO	5.78	5.82	9.51
HAINES RD. CONN. NO. 3	293.25	293.3	9.51
OSWEGO	5.74	5.78	9.51
COLUMBIA RIVER	185.13	185.71	9.51
OSWEGO	5.82	5.86	9.51
PACIFIC HIGHWAY EAST	32.97	33.22	9.51
PACIFIC HIGHWAY EAST	32.94	32.97	9.51
PACIFIC HIGHWAY EAST	13.7	17.8	9.51
WILSON RIVER	0.43	0.76	9.51
NORTHEAST PORTLAND	5.25	5.26	9.51
SCHOLLS	9.44	9.51	9.51
BEAVERTON-TUALATIN	2.63	2.84	9.51
SCHOLLS	9.51	9.6	9.51
NORTHEAST PORTLAND	5.15	5.25	9.51
BEAVERTON-TUALATIN	2.96	3.08	9.51
NORTHEAST PORTLAND	5.26	5.3	9.51
BEAVERTON-TUALATIN	2.84	2.96	9.51
OSWEGO	1.79	1.84	9.37
OSWEGO	2.04	2.08	9.37
OSWEGO	1.32	1.42	9.37
OSWEGO	0.91	0.94	9.37
OSWEGO	1.02	1.13	9.37
OSWEGO	1.23	1.32	9.37
OSWEGO	1.74	1.79	9.37
SANTIAM	14.66	14.69	9.37
OSWEGO	0.81	0.9	9.37
OSWEGO	1	1.02	9.37
OSWEGO	10.99	11.06	9.37
OSWEGO	1.6	1.68	9.37
SANTIAM	14.69	14.81	9.37
OSWEGO	1.68	1.74	9.37
OSWEGO	1.94	1.99	9.37
OSWEGO	1.13	1.18	9.37
OSWEGO	0.9	0.91	9.37
OSWEGO	1.89	1.94	9.37
OSWEGO	1.51	1.6	9.37
OSWEGO	1.99	2.04	9.37
OSWEGO	1.42	1.51	9.37
OSWEGO	1.84	1.89	9.37
OSWEGO	1.18	1.23	9.37
MT. HOOD	1.32	1.34	9.37
CASCADE HWY NORTH	4.67	4.75	9.37
MT. HOOD	4.26	4.27	9.37
CASCADE HWY NORTH	8.41	8.63	9.37

MT. HOOD	4.31	4.33	9.37
CASCADE HWY NORTH	5.72	5.73	9.37
CASCADE HWY NORTH	6.33	6.37	9.37
CASCADE HWY NORTH	1.75	1.8	9.37
BEAVERTON-HILLSDALE	1.84	1.9	9.37
MT. HOOD	3.39	3.42	9.37
MT. HOOD	2.8	2.85	9.37
CASCADE HWY NORTH	8.83	8.91	9.37
MT. HOOD	3.09	3.21	9.37
CASCADE HWY NORTH	5.91	5.95	9.37
MT. HOOD	4.38	4.44	9.37
CASCADE HWY NORTH	1.87	1.9	9.37
CASCADE HWY NORTH	3.16	3.2	9.37
BEAVERTON-HILLSDALE	1.77	1.84	9.37
TUALATIN VALLEY	11.95	12.18	9.37
CASCADE HWY NORTH	5.95	5.98	9.37
CASCADE HWY NORTH	3.2	3.25	9.37
MT. HOOD	4.8	4.84	9.37
BEAVERTON-HILLSDALE	2	2.07	9.37
MT. HOOD	1.26	1.3	9.37
MT. HOOD	3.81	3.86	9.37
CASCADE HWY NORTH	2.49	2.53	9.37
TUALATIN VALLEY	3.45	3.48	9.37
PACIFIC HIGHWAY WEST	9.56	9.64	9.37
CASCADE HWY NORTH	5.02	5.07	9.37
MT. HOOD	3.86	3.92	9.37
TUALATIN VALLEY	1.61	1.65	9.37
MT. HOOD	5.43	5.49	9.37
CASCADE HWY NORTH	1.85	1.87	9.37
CASCADE HWY NORTH	0.86	0.95	9.37
MT. HOOD	4.22	4.26	9.37
TUALATIN VALLEY	1.96	2.04	9.37
CASCADE HWY NORTH	5.73	5.76	9.37
MT. HOOD	3.21	3.3	9.37
BEAVERTON-HILLSDALE	1.58	1.62	9.37
MT. HOOD	3.99	4.03	9.37
CASCADE HWY NORTH	2.33	2.38	9.37
MT. HOOD	3.3	3.39	9.37
TUALATIN VALLEY	12.27	12.36	9.37
MT. HOOD	3	3.09	9.37
MT. HOOD	4.94	5.04	9.37
CASCADE HWY NORTH	5.8	5.85	9.37
TUALATIN VALLEY	1.65	1.7	9.37
MT. HOOD	5.1	5.21	9.37
CASCADE HWY NORTH	8.06	8.12	9.37
BEAVERTON-HILLSDALE	1.31	1.48	9.37
MT. HOOD	2.74	2.8	9.37
CASCADE HWY NORTH	2.53	2.61	9.37
MT. HOOD	4.04	4.08	9.37
TUALATIN VALLEY	3.63	3.72	9.37
MT. HOOD	2.66	2.73	9.37
CASCADE HWY NORTH	7.17	7.23	9.37
MT. HOOD	3.45	3.46	9.37
CASCADE HWY NORTH	1.95	2	9.37
BEAVERTON-HILLSDALE	3.33	3.41	9.37
BEAVERTON-HILLSDALE	1.62	1.71	9.37
TUALATIN VALLEY	1.88	1.96	9.37
CASCADE HWY NORTH	3.35	3.4	9.37
MT. HOOD	4.79	4.8	9.37
MT. HOOD	1.34	1.38	9.37
CASCADE HWY NORTH	2.87	2.94	9.37
TUALATIN VALLEY	1.7	1.77	9.37
MT. HOOD	1.91	1.97	9.37
MT. HOOD	5.32	5.35	9.37
CASCADE HWY NORTH	3.77	3.79	9.37
CASCADE HWY NORTH	4.54	4.57	9.37
CASCADE HWY NORTH	4.98	5.02	9.37
MT. HOOD	4.59	4.63	9.37
CASCADE HWY NORTH	9.19	9.23	9.37
MT. HOOD	3.62	3.66	9.37
TUALATIN VALLEY	3.35	3.45	9.37
CASCADE HWY NORTH	2.61	2.64	9.37
PACIFIC HIGHWAY WEST	9.47	9.56	9.37
MT. HOOD	4.54	4.59	9.37
CASCADE HWY NORTH	6.08	6.12	9.37
MT. HOOD	4.63	4.64	9.37
CASCADE HWY NORTH	8.12	8.23	9.37

CASCADE HWY NORTH	2.64	2.75	9.37
TUALATIN VALLEY	12.18	12.27	9.37
MT. HOOD	3.71	3.76	9.37
MT. HOOD	2.27	2.37	9.37
CASCADE HWY NORTH	0.75	0.86	9.37
MT. HOOD	3.46	3.52	9.37
CASCADE HWY NORTH	4.47	4.54	9.37
MT. HOOD	1.3	1.32	9.37
MT. HOOD	5.27	5.32	9.37
CASCADE HWY NORTH	2.38	2.43	9.37
MT. HOOD	1.2	1.25	9.37
CASCADE HWY NORTH	5.76	5.8	9.37
MT. HOOD	4.44	4.5	9.37
CASCADE HWY NORTH	3.5	3.54	9.37
CASCADE HWY NORTH	3.82	3.87	9.37
CASCADE HWY NORTH	9.05	9.08	9.37
CASCADE HWY NORTH	5.12	5.16	9.37
BEAVERTON-HILLSDALE	1.5	1.58	9.37
CASCADE HWY NORTH	4.88	4.93	9.37
CASCADE HWY NORTH	5.47	5.5	9.37
CASCADE HWY NORTH	3.68	3.69	9.37
MT. HOOD	3.57	3.62	9.37
CASCADE HWY NORTH	3.45	3.5	9.37
TUALATIN VALLEY	3.5	3.55	9.37
CASCADE HWY NORTH	8.63	8.83	9.37
MT. HOOD	3.76	3.81	9.37
CASCADE HWY NORTH	5.07	5.12	9.37
MT. HOOD	1.4	1.43	9.37
PACIFIC HIGHWAY WEST	7.8	7.93	9.37
CASCADE HWY NORTH	5.5	5.56	9.37
MT. HOOD	5.04	5.05	9.37
CASCADE HWY NORTH	3.63	3.68	9.37
MT. HOOD	4.33	4.38	9.37
MT. HOOD	5.4	5.43	9.37
CASCADE HWY NORTH	1.9	1.95	9.37
PACIFIC HIGHWAY WEST	22.89	23.05	9.37
MT. HOOD	4.64	4.69	9.37
CASCADE HWY NORTH	4.33	4.42	9.37
CASCADE HWY NORTH	4.57	4.63	9.37
MT. HOOD	2.17	2.22	9.37
TUALATIN VALLEY	3.55	3.6	9.37
CASCADE HWY NORTH	1.04	1.15	9.37
MT. HOOD	1.38	1.4	9.37
CASCADE HWY NORTH	5.56	5.6	9.37
MT. HOOD	2.07	2.17	9.37
CASCADE HWY NORTH	1.37	1.5	9.37
MT. HOOD	4.08	4.09	9.37
TUALATIN VALLEY	3.48	3.5	9.37
CASCADE HWY NORTH	1.15	1.2	9.37
CASCADE HWY NORTH	3.79	3.82	9.37
CASCADE HWY NORTH	3	3.11	9.37
TUALATIN VALLEY	2.65	2.75	9.37
MT. HOOD	4.7	4.74	9.37
CASCADE HWY NORTH	4.42	4.47	9.37
BEAVERTON-HILLSDALE	1.48	1.5	9.37
MT. HOOD	2.47	2.53	9.37
MT. HOOD	2.73	2.74	9.37
CASCADE HWY NORTH	2.94	3	9.37
MT. HOOD	3.42	3.45	9.37
CASCADE HWY NORTH	6.12	6.18	9.37
MT. HOOD	4.74	4.79	9.37
MT. HOOD	3.66	3.71	9.37
MT. HOOD	5.21	5.27	9.37
BEAVERTON-HILLSDALE	1.9	2	9.37
MT. HOOD	4.03	4.04	9.37
CASCADE HWY NORTH	3.25	3.3	9.37
CASCADE HWY NORTH	2.11	2.15	9.37
BEAVERTON-HILLSDALE	3.2	3.33	9.37
CASCADE HWY NORTH	1.5	1.64	9.37
MT. HOOD	2.85	2.91	9.37
CASCADE HWY NORTH	3.11	3.16	9.37
MT. HOOD	2.43	2.47	9.37
CASCADE HWY NORTH	4.93	4.98	9.37
BEAVERTON-HILLSDALE	2.41	2.48	9.37
MT. HOOD	1.25	1.26	9.37
CASCADE HWY NORTH	4.63	4.67	9.37
CORVALLIS-NEWPORT	51.12	51.2	9.37

CASCADE HWY NORTH	3.59	3.63	9.37
MT. HOOD	2.22	2.27	9.37
CASCADE HWY NORTH	1.25	1.37	9.37
MT. HOOD	4.84	4.89	9.37
CASCADE HWY NORTH	6.04	6.08	9.37
MT. HOOD	1.87	1.91	9.37
CASCADE HWY NORTH	2.75	2.84	9.37
CASCADE HWY NORTH	4.79	4.83	9.37
CASCADE HWY NORTH	3.74	3.77	9.37
MT. HOOD	1.81	1.86	9.37
CASCADE HWY NORTH	5.6	5.72	9.37
BEAVERTON-HILLSDALE	2.48	2.56	9.37
CASCADE HWY NORTH	4.75	4.79	9.37
TUALATIN VALLEY	3.6	3.63	9.37
CASCADE HWY NORTH	0.53	0.56	9.37
MT. HOOD	4.27	4.31	9.37
CASCADE HWY NORTH	5.98	6.04	9.37
MT. HOOD	1.86	1.87	9.37
CORVALLIS-NEWPORT	51.2	51.31	9.37
CASCADE HWY NORTH	1.64	1.75	9.37
TUALATIN VALLEY	1.77	1.88	9.37
MT. HOOD	5.35	5.4	9.37
CASCADE HWY NORTH	2.06	2.11	9.37
CASCADE HWY NORTH	5.85	5.89	9.37
PACIFIC HIGHWAY WEST	38.3	38.4	9.37
CASCADE HWY NORTH	9.08	9.15	9.37
CASCADE HWY NORTH	5.16	5.24	9.37
TUALATIN VALLEY	6.56	6.6	9.37
MT. HOOD	3.92	3.99	9.37
CASCADE HWY NORTH	9.15	9.19	9.37
MT. HOOD	2.91	3	9.37
CASCADE HWY NORTH	9	9.05	9.37
CASCADE HWY NORTH	2.84	2.87	9.37
MT. HOOD	4.69	4.7	9.37
CASCADE HWY NORTH	5.89	5.91	9.37
BEAVERTON-HILLSDALE	2.21	2.41	9.37
MT. HOOD	2.37	2.43	9.37
CASCADE HWY NORTH	1.2	1.25	9.37
BEAVERTON-HILLSDALE	1.71	1.77	9.37
MT. HOOD	4.13	4.17	9.37
CASCADE HWY NORTH	0.66	0.75	9.37
CASCADE HWY NORTH	0.95	1.04	9.37
PACIFIC HIGHWAY WEST	8.82	8.88	9.37
PACIFIC HIGHWAY WEST	8.74	8.82	9.37
PACIFIC HIGHWAY EAST	-3.8	-3.75	9.37
CASCADE HWY NORTH	3.72	3.74	9.37
MT. HOOD	4.09	4.13	9.37
MT. HOOD	4.5	4.54	9.37
CASCADE HWY NORTH	3.69	3.72	9.37
CASCADE HWY NORTH	4.83	4.88	9.37
MT. HOOD	2.53	2.58	9.37
CASCADE HWY NORTH	2	2.06	9.37
CASCADE HWY NORTH	3.87	3.99	9.37
MT. HOOD	3.52	3.57	9.37
CASCADE HWY NORTH	3.3	3.35	9.37
BEAVERTON-HILLSDALE	2.07	2.21	9.37
CASCADE HWY NORTH	3.54	3.59	9.37
MT. HOOD	4.89	4.94	9.37
CASCADE HWY NORTH	3.4	3.45	9.37
MT. HOOD	2.58	2.66	9.37
CORVALLIS-NEWPORT	51.31	51.33	9.37
CASCADE HWY NORTH	6.37	6.4	9.37
CASCADE HWY NORTH	2.43	2.49	9.37
CAPE ARAGO	1.38	1.43	9.37
CLACKAMAS	5.37	5.5	9.37
CAPE ARAGO	0.87	0.96	9.37
BEAVERTON-TUALATIN	4.77	4.97	9.37
NORTHEAST PORTLAND	9.64	9.77	9.37
NORTHEAST PORTLAND	12.11	12.16	9.37
NORTHEAST PORTLAND	9.77	9.87	9.37
CAPE ARAGO	1.13	1.21	9.37
CAPE ARAGO	1.21	1.31	9.37
CAPE ARAGO	1.04	1.08	9.37
CLACKAMAS	5.5	5.54	9.37
CAPE ARAGO	1.08	1.13	9.37
NORTHEAST PORTLAND	6.24	6.37	9.37
BEAVERTON-TUALATIN	4.97	5.12	9.37

NORTHEAST PORTLAND	9.28	9.47	9.37
NORTHEAST PORTLAND	11.95	12.11	9.37
CAPE ARAGO	1.43	1.49	9.37
NORTHEAST PORTLAND	9.87	9.92	9.37
NORTHEAST PORTLAND	6.07	6.15	9.37
NORTHEAST PORTLAND	6.15	6.24	9.37
CAPE ARAGO	1.54	1.6	9.37
NORTHEAST PORTLAND	9.47	9.64	9.37
CAPE ARAGO	1.31	1.38	9.37
NORTHEAST PORTLAND	11.29	11.32	9.37
CAPE ARAGO	0.96	1.04	9.37
NORTHEAST PORTLAND	11.9	11.95	9.37
OREGON COAST	20.9	20.95	9.2
OREGON COAST	20.53	20.59	9.2
OSWEGO	0.57	0.62	9.2
OSWEGO	8.75	8.8	9.2
OSWEGO	0.62	0.65	9.2
MCKENZIE	1.63	1.64	9.2
SELLWOOD BRIDGE CONN. NO 2	2.72	2.74	9.2
OSWEGO	0.65	0.69	9.2
OREGON COAST	20.59	20.64	9.2
OSWEGO	0.39	0.6	9.2
OREGON COAST	20.5	20.53	9.2
OSWEGO	9.02	9.12	9.2
OSWEGO	8.63	8.75	9.2
OREGON COAST	21.61	21.68	9.2
MCKENZIE	1.5	1.57	9.2
OSWEGO	10.64	10.71	9.2
OREGON COAST	20.68	20.73	9.2
OSWEGO	8.07	8.29	9.2
OREGON COAST	20.44	20.5	9.2
OSWEGO	8.43	8.53	9.2
OSWEGO	10.35	10.51	9.2
OSWEGO	8.6	8.63	9.2
OREGON COAST	20.8	20.85	9.2
OREGON COAST	19.34	19.68	9.2
OREGON COAST	20.73	20.77	9.2
OSWEGO	0.47	0.57	9.2
OSWEGO	8.31	8.43	9.2
OSWEGO	8.8	8.9	9.2
OSWEGO	8.53	8.6	9.2
OSWEGO	0.34	0.39	9.2
SANTIAM	12.25	12.41	9.2
MAIN ST. CONN.	275.25	275.45	9.2
OREGON COAST	190.81	191.19	9.2
MCKENZIE	1.23	1.5	9.2
OREGON COAST	20.64	20.68	9.2
OREGON COAST	20.77	20.8	9.2
OSWEGO	8.29	8.31	9.2
OSWEGO	0.69	0.72	9.2
OREGON COAST	20.85	20.9	9.2
MCKENZIE	1.22	1.53	9.2
OSWEGO	8.9	9.02	9.2
MCKENZIE	1.64	1.69	9.2
OREGON COAST	20.35	20.44	9.2
PACIFIC HIGHWAY EAST	2.79	2.92	9.2
PACIFIC HIGHWAY EAST	2.73	2.79	9.2
TUALATIN VALLEY	13.58	13.92	9.2
MT. HOOD	6.71	6.83	9.2
PACIFIC HIGHWAY WEST	3.99	4.08	9.2
MT. HOOD	6.93	6.99	9.2
PACIFIC HIGHWAY WEST	1.71	2.01	9.2
PACIFIC HIGHWAY WEST	2.01	2.05	9.2
MT. HOOD	7	7.05	9.2
MT. HOOD	6.64	6.71	9.2
PACIFIC HIGHWAY WEST	4.22	4.35	9.2
TUALATIN VALLEY	13.5	13.62	9.2
PACIFIC HIGHWAY EAST	3.07	4.33	9.2
SALEM	5.25	5.33	9.2
TUALATIN VALLEY	3	3.09	9.2
PACIFIC HIGHWAY WEST	15.56	15.81	9.2
MT. HOOD	7.38	7.44	9.2
PACIFIC HIGHWAY EAST	2.98	2.99	9.2
SALEM	5.26	5.33	9.2
PACIFIC HIGHWAY EAST	2.14	2.28	9.2
PACIFIC HIGHWAY EAST	2.92	2.98	9.2
MT. HOOD	6.5	6.53	9.2

MT. HOOD	7.25	7.3	9.2
PACIFIC HIGHWAY EAST	13	13.44	9.2
PACIFIC HIGHWAY EAST	1.72	1.84	9.2
MT. HOOD	7.07	7.13	9.2
MT. HOOD	9.72	9.76	9.2
MT. HOOD	9.61	9.72	9.2
MT. HOOD	9.15	9.27	9.2
PACIFIC HIGHWAY EAST	4.49	4.59	9.2
MT. HOOD	8.55	8.64	9.2
MT. HOOD	8.46	8.55	9.2
MT. HOOD HWY CONN. NO. 1	1.47	1.52	9.2
PACIFIC HIGHWAY WEST	2.1	2.2	9.2
PACIFIC HIGHWAY WEST	3.85	4.08	9.2
MT. HOOD	9.76	9.87	9.2
PACIFIC HIGHWAY WEST	4.08	4.18	9.2
PACIFIC HIGHWAY EAST	4.33	4.59	9.2
MT. HOOD	7.05	7.07	9.2
MT. HOOD	8.01	8.11	9.2
MT. HOOD	7.3	7.38	9.2
MT. HOOD	6.83	6.93	9.2
MT. HOOD	7.21	7.25	9.2
TUALATIN VALLEY	2.94	3	9.2
MT. HOOD	9.87	9.96	9.2
TUALATIN VALLEY	2.99	3.09	9.2
PACIFIC HIGHWAY EAST	4.44	4.49	9.2
PACIFIC HIGHWAY EAST	2.99	3.07	9.2
15TH ST.CONN. NO. 1	50.73	50.76	9.2
MT. HOOD HWY CONN. NO. 3	1.52	1.58	9.2
MT. HOOD	7.9	8.01	9.2
PACIFIC HIGHWAY WEST	1.72	2.21	9.2
TACOMA ST INTERCHG CONN. 2	4.33	4.35	9.2
TUALATIN VALLEY	17.22	17.34	9.2
MT. HOOD	7.13	7.21	9.2
CORVALLIS-NEWPORT	50.65	50.72	9.2
MT. HOOD	1.00E-02	0.16	9.2
MT. HOOD	7.81	7.9	9.2
MT. HOOD	7.44	7.49	9.2
SALEM	5.33	5.43	9.2
MT. HOOD	6.99	7	9.2
PACIFIC HIGHWAY EAST	4.59	4.64	9.2
MT. HOOD	7.78	7.81	9.2
PACIFIC HIGHWAY EAST	1.85	2.03	9.2
MT. HOOD	6.53	6.64	9.2
PACIFIC HIGHWAY WEST	4.22	4.34	9.2
PACIFIC HIGHWAY EAST	2.28	2.33	9.2
PACIFIC HIGHWAY EAST	3.07	3.46	9.2
ROSS ISLAND CONN. NO. 2	0.32	0.42	9.2
MT. HOOD	9.27	9.35	9.2
PACIFIC HIGHWAY WEST	3.94	3.99	9.2
PACIFIC HIGHWAY EAST	2.33	2.73	9.2
TUALATIN VALLEY	2.94	2.99	9.2
TUALATIN VALLEY	17.03	17.22	9.2
MT. HOOD	8.64	8.74	9.2
MT. HOOD	9.35	9.46	9.2
PACIFIC HIGHWAY WEST	2.06	2.1	9.2
FARMINGTON	6.49	6.57	9.2
INDEPENDENCE	5.86	5.93	9.2
FARMINGTON	6.02	6.07	9.2
NORTHEAST PORTLAND	12.41	12.51	9.2
1ST STREET CONN. NO. 1	20.63	20.73	9.2
INDEPENDENCE	5.17	5.7	9.2
FARMINGTON	6.57	6.62	9.2
HILLSBORO-SILVERTON	20.8	20.9	9.2
NORTHEAST PORTLAND	12.31	12.41	9.2
INDEPENDENCE	5.93	5.99	9.2
INDEPENDENCE	5.76	5.81	9.2
FARMINGTON	5.94	6.02	9.2
CASCADE HWY SOUTH	3.74	3.81	9.2
HILLSBORO-SILVERTON	20.73	20.8	9.2
CASCADE HWY SOUTH	3.81	3.93	9.2
CASCADE HWY SOUTH	3.69	3.74	9.2
FARMINGTON	6.07	6.16	9.2
INDEPENDENCE	5.7	5.76	9.2
INDEPENDENCE	5.99	6.23	9.2
SANTIAM	14.81	14.96	9.11
ROSS ISLAND BRIDGE CONN. 6	0.63	0.69	9.11
OSWEGO	11.29	11.32	9.11

SANTIAM	14.96	15.1	9.11
OSWEGO	8.00E-02	0.31	9.11
MCKENZIE-BEND	18.61	18.76	9.11
THE DALLES-CALIFORNIA	138.16	138.75	9.11
OSWEGO	0.6	0.64	9.11
OSWEGO	11.14	11.26	9.11
MCKENZIE-BEND	18.6	18.72	9.11
THE DALLES-CALIFORNIA	138.75	138.96	9.11
MCKENZIE-BEND	18.8	18.87	9.11
BUTLER MARKET CONN. NO. 1	136.01	136.3	9.11
OSWEGO	11.26	11.29	9.11
OSWEGO	0.72	0.76	9.11
OSWEGO	7.91	8.07	9.11
MCKENZIE-BEND	18.72	18.8	9.11
OSWEGO	0.64	0.69	9.11
OSWEGO	2.52	2.53	9.11
TAYLORS FERRY RD.CONN.NO.1	2.11	2.23	9.11
NE GLISAN ST. CONN. NO. 3	21.03	21.12	9.11
TUALATIN VALLEY	8.44	8.57	9.11
TUALATIN VALLEY	3.95	4.02	9.11
TUALATIN VALLEY	7.28	7.54	9.11
MT. HOOD HWY CONN. NO. 2	1.55	1.62	9.11
PACIFIC HIGHWAY EAST	5.43	5.72	9.11
TUALATIN VALLEY	5.36	5.59	9.11
TUALATIN VALLEY	0.23	0.3	9.11
PACIFIC HIGHWAY WEST	8.56	8.59	9.11
TUALATIN VALLEY	17.48	17.88	9.11
MT. HOOD	0.34	0.35	9.11
PACIFIC HIGHWAY WEST	7.09	7.22	9.11
PACIFIC HIGHWAY EAST	11.64	11.81	9.11
TUALATIN VALLEY	4.16	4.25	9.11
PACIFIC HWY INTCHG. CONN.	0.95	1.09	9.11
BEAVERTON-HILLSDALE	0.97	1.05	9.11
MURRAY BLVD. CONN. NO. 1	67.18	67.28	9.11
PACIFIC HIGHWAY WEST	8.59	8.62	9.11
CASCADE HWY NORTH	9.4	9.41	9.11
185TH AVE. CONN. NO. 2	64.23	64.29	9.11
MT. HOOD	0.95	1.06	9.11
E. BEAVERTON CONN. NO. 2	2.97	3.22	9.11
TUALATIN VALLEY	4.02	4.16	9.11
PACIFIC HIGHWAY EAST	2.33	2.59	9.11
TUALATIN VALLEY	4.39	4.51	9.11
MURRAY BLVD. CONN. NO. 2	66.93	67.18	9.11
TUALATIN VALLEY	6.99	7.28	9.11
MT. HOOD	0.305	0.31	9.11
PACIFIC HIGHWAY WEST	7.22	7.37	9.11
SALMON RIVER	46.69	47.39	9.11
TUALATIN VALLEY	17.35	17.48	9.11
PACIFIC HIGHWAY EAST	11.48	11.53	9.11
SYLVAN CONN. NO. 3	71.29	71.35	9.11
DIVISION&POWELL CONN. #4	19.67	19.75	9.11
PACIFIC HIGHWAY EAST	1.47	1.55	9.11
MT. HOOD	14.22	14.35	9.11
TUALATIN VALLEY	5.00E-02	0.23	9.11
PACIFIC HIGHWAY EAST	2.21	2.33	9.11
TUALATIN VALLEY	7.62	7.8	9.11
TUALATIN VALLEY	4.25	4.36	9.11
PACIFIC HIGHWAY EAST	1.45	1.6	9.11
MT. HOOD	14.35	14.47	9.11
PACIFIC HIGHWAY EAST	1.6	2.14	9.11
TUALATIN VALLEY	4.36	4.39	9.11
PACIFIC HIGHWAY EAST	11.81	11.88	9.11
PACIFIC HIGHWAY WEST	2.34	3.05	9.11
SYLVAN CONN. NO. 6	71.171	71.18	9.11
PACIFIC HIGHWAY EAST	11.53	11.63	9.11
SYLVAN CONN. NO. 6	71.3	71.48	9.11
MT. HOOD	0.347	0.35	9.11
MT. HOOD	5.69	5.77	9.11
MT. HOOD	0.35	0.95	9.11
PACIFIC HIGHWAY EAST	11.63	11.64	9.11
TUALATIN VALLEY	8.57	8.69	9.11
MIKWAUKIE AVE. CONN.	2.59	2.67	9.11
TUALATIN VALLEY	8.32	8.44	9.11
MT. HOOD	5.59	5.69	9.11
HOLGATE BLVD. CONN.	2.21	2.33	9.11
TUALATIN VALLEY	4.9	5.36	9.11
CASCADE HWY NORTH	9.41	9.76	9.11

MT. HOOD	0.22	0.31	9.11
BEAVERTON CONN. NO. 2	1.05	1.35	9.11
TUALATIN VALLEY	17.88	17.91	9.11
PACIFIC HIGHWAY WEST	8.48	8.56	9.11
CASCADE HWY NORTH	9.23	9.4	9.11
LOWER COLUMBIA RIVER	28.67	28.8	9.11
NEHALEM	90.43	90.64	9.11
CASCADE HWY SOUTH	0.48	0.58	9.11
CLACKAMAS-BORING	3.00E-02	0.5	9.11
NORTHEAST PORTLAND	11.24	11.25	9.11
CASCADE HWY SOUTH	0.58	2.78	9.11
NORTHEAST PORTLAND	11.03	11.1	9.11
CASCADE HWY SOUTH	3.59	3.81	9.11
NORTHEAST PORTLAND	11.1	11.24	9.11
LOWER COLUMBIA RIVER	28.8	28.94	9.11
SCHOLLS	9.03	9.06	9.11
CASCADE HWY SOUTH	0.58	2.78	9.11
NORTHEAST PORTLAND	8.92	9.02	9.11
TIGARD CONN. NO. 3	7.37	7.39	9.11
NORTHEAST PORTLAND	11.25	11.29	9.11
SCHOLLS	9.06	9.13	9.11
CASCADE HWY SOUTH	0.14	0.48	9.11
SCHOLLS	9.13	9.38	9.11
NORTHEAST PORTLAND	0.56	1.29	9.11
OSWEGO	11.37	11.55	8.92
TUALATIN VALLEY	12.47	12.47825972	8.92
TUALATIN VALLEY	12.41	12.47	8.92
TUALATIN VALLEY	12.41	12.44	8.92
PACIFIC HIGHWAY EAST	5.88	5.93	8.92
TUALATIN VALLEY CONN NO 1	12.47	12.51	8.92
MURRAY BLVD. CONN. NO. 1	67.12	67.13	8.92
MURRAY BLVD. CONN. NO 6	67.13	67.22	8.92
PACIFIC HIGHWAY EAST	5.83	5.88	8.92
BEAVERTON-HILLSDALE	1.05	1.11	8.92
PACIFIC HIGHWAY EAST	12.46	12.56	8.92
PACIFIC HIGHWAY EAST	12.56	12.6	8.92
TUALATIN VALLEY CONN NO 1	12.461	12.47	8.92
TUALATIN VALLEY	12.36	12.41	8.92
PACIFIC HIGHWAY EAST	5.93	6.21	8.92
TUALATIN VALLEY	12.44	12.53	8.92
MURRAY BLVD. CONN. NO. 1	67.13	67.18	8.92
PACIFIC HIGHWAY EAST	12.33	12.46	8.92
GOSHEN-DIVIDE	14.27	14.33	8.92
GOSHEN-DIVIDE	14.21	14.27	8.92
GREEN SPRINGS	59.01	59.05	8.72
OREGON-WASHINGTON	34.67	35.07	8.72
THE DALLES-CALIFORNIA	275.26	275.41	8.72
OREGON COAST	112.6	112.78	8.72
OREGON-WASHINGTON	34.41	34.67	8.72
OREGON COAST	358.45	358.52	8.72
OREGON COAST	10.08	10.16	8.72
POWERS RD. CONN. NO. 1	139.97	140.06	8.72
POWERS RD. CONN. NO. 1	139.9	139.97	8.72
GREEN SPRINGS	58.79	58.86	8.72
OREGON COAST	9.87	10.08	8.72
OREGON COAST	190.16	190.23	8.72
OREGON-WASHINGTON	35.07	35.32	8.72
THE DALLES-CALIFORNIA	139.34	139.38	8.72
OREGON COAST	358.57	358.73	8.72
OREGON COAST	358.52	358.57	8.72
OREGON COAST	17.49	17.65	8.72
OREGON COAST	358.13	358.39	8.72
THE DALLES-CALIFORNIA	275.25	275.26	8.72
OREGON COAST	239.51	239.6	8.72
THE DALLES-CALIFORNIA	139.38	139.68	8.72
SANTIAM	1.43	1.48	8.72
POWERS RD. CONN. NO. 4	139.92	140.02	8.72
THE DALLES-CALIFORNIA	140.02	140.06	8.72
THE DALLES-CALIFORNIA	139.97	140.02	8.72
OREGON COAST	9.82	9.87	8.72
OREGON COAST	9.81	9.82	8.72
POWERS RD. CONN. NO. 2	140.02	140.11	8.72
OREGON COAST	17.65	17.88	8.72
OREGON COAST	239.64	239.89	8.72
SANTIAM	1.48	1.75	8.72
OREGON COAST	17.88	17.94	8.72
THE DALLES-CALIFORNIA	139.92	139.97	8.72

OREGON COAST	17.94	17.99	8.72
OREGON COAST	9.63	9.75	8.72
GREEN SPRINGS	58.99	59.02	8.72
OREGON COAST	9.54	9.63	8.72
N ASHLAND CONN. NO. 2	18.67	18.81	8.72
THE DALLES-CALIFORNIA	139.86	139.92	8.72
REED MARKET RD. CONN. NO 3	139.25	139.38	8.72
OREGON COAST	9.75	9.81	8.72
OREGON COAST	239.48	239.6	8.72
POWERS RD. CONN. NO. 3	139.97	140.06	8.72
SANTIAM	1.75	2.52	8.72
EDWARDS ST. (BUNKER HILL)	239.6	239.65	8.72
VANCOUVER AVE. CONN. NO. 1	4.94	5.05	8.72
ROGUE VALLEY	8.81	9.05	8.72
ROGUE VALLEY	9.79	10.03	8.72
ROGUE VALLEY	9.05	9.07	8.72
ROGUE VALLEY	9.07	9.27	8.72
TUALATIN VALLEY	13.92	14.15	8.72
UMATILLA-STANFIELD	3.28	3.79	8.72
PACIFIC HIGHWAY WEST	117.85	117.89	8.72
ALBANY-JUNCTION CITY	7.51	7.57	8.72
ROGUE VALLEY	10.24	10.35	8.72
PACIFIC HIGHWAY WEST	117.06	117.6	8.72
ROGUE VALLEY	10.03	10.23	8.72
UMATILLA-STANFIELD	12.12	12.18	8.72
COOS BAY-ROSEBURG	73.76	73.88	8.72
ROGUE VALLEY	9.27	9.41	8.72
PACIFIC HIGHWAY WEST	35.18	35.27	8.72
ROGUE VALLEY	17.22	17.8	8.72
FLORENCE-EUGENE	2.00E-02	8.00E-02	8.72
PACIFIC HIGHWAY EAST	-4.75	-4.73	8.72
PACIFIC HIGHWAY WEST	117.6	117.85	8.72
VANCOUVER AVE. CONN. NO. 1	4.78	4.85	8.72
UMATILLA-STANFIELD	3.79	4.15	8.72
ROGUE VALLEY	17.02	17.07	8.72
ROGUE VALLEY	12.59	13.37	8.72
ROGUE VALLEY	5.22	5.28	8.72
PACIFIC HIGHWAY EAST	45.24	45.28	8.72
TUALATIN VALLEY	14.93	14.99	8.72
PACIFIC HIGHWAY WEST	117.94	118.21	8.72
PACIFIC HIGHWAY EAST	-4.73	-4.68	8.72
PACIFIC HIGHWAY WEST	117.89	117.94	8.72
ROGUE VALLEY	16.26	17.02	8.72
PACIFIC HIGHWAY EAST	45.01	45.24	8.72
PACIFIC HIGHWAY WEST	86.08	86.3	8.72
PACIFIC HIGHWAY EAST	-4.88	-4.75	8.72
PACIFIC HIGHWAY WEST	118.21	118.24	8.72
ALBANY-JUNCTION CITY	7.71	7.9	8.72
PACIFIC HIGHWAY WEST	85.94	86.08	8.72
ROGUE VALLEY	9.41	9.59	8.72
OREGON COAST HWY CONN.	8.00E-02	0.16	8.72
TUALATIN VALLEY	14.99	15.12	8.72
UMATILLA-STANFIELD	12.07	12.12	8.72
VANCOUVER AVE. CONN. NO. 2	4.55	4.62	8.72
PACIFIC HIGHWAY WEST	116.99	117.04	8.72
PACIFIC HIGHWAY WEST	118.24	118.35	8.72
TUALATIN VALLEY	14.79	14.93	8.72
ROGUE VALLEY	17.07	17.22	8.72
VANCOUVER AVE. CONN. NO. 8	4.49	4.56	8.72
ALBANY-JUNCTION CITY	7.57	7.71	8.72
PACIFIC HIGHWAY WEST	35.27	35.48	8.72
VANCOUVER AVE. CONN. NO. 5	4.73	4.75	8.72
VANCOUVER AVE. CONN. NO. 3	4.44	4.49	8.72
ROGUE VALLEY	10.23	10.24	8.72
PACIFIC HIGHWAY EAST	45.28	45.37	8.72
PACIFIC HIGHWAY WEST	117.04	117.06	8.72
PACIFIC HIGHWAY EAST	20.23	20.62	8.72
ROGUE VALLEY	5.28	5.33	8.72
PACIFIC HIGHWAY EAST	45.37	45.49	8.72
TUALATIN VALLEY	14.66	14.79	8.72
LOWER COLUMBIA RIVER	5.3	5.5	8.72
LOWER COLUMBIA RIVER	5.01	5.08	8.72
CLACKAMAS	6.22	6.56	8.72
HILLSBORO-SILVERTON	36.63	36.69	8.72
LOWER COLUMBIA RIVER	5.23	5.3	8.72
LOWER COLUMBIA RIVER	4.95	5.01	8.72
LOWER COLUMBIA RIVER	5.08	5.15	8.72

LOWER COLUMBIA RIVER	8.68	8.81	8.72
CLACKAMAS	6.56	6.69	8.72
CLACKAMAS	7.31	7.33	8.72
LOWER COLUMBIA RIVER	4.52	4.95	8.72
OLD ALIGNMENT FRONTAGE RD	7.56	9.07	8.72
CLACKAMAS	7.33	7.54	8.72
LOWER COLUMBIA RIVER	5.15	5.23	8.72
LOWER COLUMBIA RIVER	47.35	47.81	8.72
LOWER COLUMBIA RIVER	3.92	4.13	8.72
CLACKAMAS	7.23	7.31	8.72
LOWER COLUMBIA RIVER	3.81	3.92	8.72
ONTARIO SPUR	27.65	27.82	8.72
ONTARIO SPUR	27.82	27.85	8.72
ONTARIO SPUR	27.53	27.65	8.72
MCKENZIE	111.94	112.03	8.67
THE DALLES-CALIFORNIA	120.1	120.46	8.67
UMATILLA-STANFIELD INTCHG.	184.81	184.91	8.67
OREGON-WASHINGTON	31.55	31.58	8.67
THE DALLES-CALIFORNIA	92.02	92.08	8.67
COLUMBIA RIVER	184.81	184.87	8.67
THE DALLES-CALIFORNIA	118.52	119.14	8.67
OREGON COAST	358.06	358.11	8.67
OREGON-WASHINGTON	33.15	33.28	8.67
THE DALLES-CALIFORNIA	138.15	138.16	8.67
THE DALLES-CALIFORNIA	133.9	134.11	8.67
CRATER LAKE	9.85	10.04	8.67
HANNON RD. FRONTAGE RD.	10.1	10.14	8.67
THE DALLES-CALIFORNIA	123.8	123.83	8.67
SANTIAM	22.82	23.08	8.67
OREGON COAST	356.32	356.53	8.67
EASTSIDE RD. CONN. NO. 2	31.55	31.58	8.67
N REDMOND INTCHGE. CONN. 5	118.95	119.15	8.67
CRATER LAKE	1.09	1.22	8.67
OREGON-WASHINGTON	31.51	31.55	8.67
MCKENZIE	7.88	7.97	8.67
SANTIAM	14.12	14.26	8.67
THE DALLES-CALIFORNIA	118.96	119.14	8.67
THE DALLES-CALIFORNIA	123.83	126.2	8.67
EASTSIDE RD. CONN. NO. 1	31.51	31.57	8.67
SANTIAM	23.1	23.22	8.67
REDWOOD	3.87	3.88	8.67
CRATER LAKE	10.04	10.09	8.67
OREGON COAST	8.41	9.48	8.67
OREGON COAST	237.02	237.12	8.67
OREGON COAST	358.11	358.13	8.67
WALLOWA LAKE	2.34	2.41	8.67
OREGON COAST	357.82	358.06	8.67
SANTIAM	26.67	26.71	8.67
OREGON COAST	191.79	192.08	8.67
MCKENZIE	111.97	112.07	8.67
COLUMBIA RIVER	184.87	185.04	8.67
OREGON-WASHINGTON	32.74	33.15	8.67
CRATER LAKE	9.85	10.04	8.67
EASTSIDE RD. CONN. NO. 3	31.48	31.51	8.67
THE DALLES-CALIFORNIA	117.79	118.52	8.67
SANTIAM	16.02	16.22	8.67
OREGON COAST	3.8	3.96	8.67
OREGON COAST	192.08	192.15	8.67
OREGON-WASHINGTON	31.58	31.92	8.67
REDWOOD	3.88	4.01	8.67
THE DALLES-CALIFORNIA	123.44	123.8	8.67
THE DALLES-CALIFORNIA	121.45	121.46	8.67
THE DALLES-CALIFORNIA	121.48	121.79	8.67
COLUMBIA RIVER	184.78	184.81	8.67
SANTIAM	23.08	23.1	8.67
LEBANON ST. CONN.	14.38	14.41	8.67
SANTIAM	14.38	14.47	8.67
THE DALLES-CALIFORNIA	121.46	121.48	8.67
THE DALLES-CALIFORNIA	123.4	123.44	8.67
REDWOOD	3.39	3.87	8.67
THE DALLES-CALIFORNIA	121.43	121.45	8.67
THE DALLES-CALIFORNIA	123.3	123.4	8.67
THE DALLES-CALIFORNIA	119.15	119.4	8.67
THE DALLES-CALIFORNIA	121.98	122.26	8.67
THE DALLES-CALIFORNIA	121.79	121.98	8.67
SANTIAM	15.87	16.02	8.67
SANTIAM	14.26	14.38	8.67

THE DALLES-CALIFORNIA	119.14	119.15	8.67
SANTIAM	14.47	14.58	8.67
COLUMBIA RIVER	184.32	184.78	8.67
OREGON COAST	356.23	356.3	8.67
CRATER LAKE	10.09	10.94	8.67
UMATILLA-STANFIELD	0.47	0.58	8.67
MT. HOOD	18.36	18.45	8.67
ROGUE VALLEY	4.3	4.51	8.67
UMATILLA-STANFIELD	6.94	7.1	8.67
UMATILLA-STANFIELD	4.00E-02	0.1	8.67
WARM SPRINGS	117.49	117.52	8.67
ROGUE VALLEY	4.51	4.6	8.67
MT. HOOD	18.25	18.35	8.67
ROGUE VALLEY	3.6	3.67	8.67
ROGUE VALLEY	4.82	4.94	8.67
MT. HOOD	21.62	22.15	8.67
ROGUE VALLEY	4.6	4.71	8.67
MT. HOOD	18.35	18.36	8.67
ROGUE VALLEY	4.29	4.3	8.67
ROGUE VALLEY	4.03	4.29	8.67
WARM SPRINGS	117.52	117.54	8.67
UMATILLA-STANFIELD	0.1	0.47	8.67
ROGUE VALLEY	4.71	4.82	8.67
UMATILLA-STANFIELD	6.91	6.94	8.67
UMATILLA-STANFIELD	6.61	6.91	8.67
KLAMATH FALLS-MALIN	-3.24	-3.22	8.67
WINERY LN. FRONTAGE ROAD	76.07	76.12	8.67
PENDLETON-COLD SPRINGS	30.68	30.75	8.67
LOWER COLUMBIA RIVER	24.5	24.62	8.67
LOWER COLUMBIA RIVER	23.15	23.35	8.67
LOWER COLUMBIA RIVER	24.11	24.48	8.67
LOWER COLUMBIA RIVER	21.27	21.3	8.67
LOWER COLUMBIA RIVER	24.48	24.5	8.67
O NEIL	1.14E-13	0.14	8.67
LOWER COLUMBIA RIVER	25.8	25.82	8.67
CORVALLIS-LEBANON	7.34	7.7	8.67
LOWER COLUMBIA RIVER	25.82	25.92	8.67
NORTHEAST PORTLAND	9.2	9.28	8.67
NORTHEAST PORTLAND	6.49	6.56	8.67
LOWER COLUMBIA RIVER	21.89	22.24	8.67
NORTHEAST PORTLAND	6.45	6.49	8.67
JACKSONVILLE	1.53	1.73	8.67
OLDS FERRY-ONTARIO	29.55	29.9	8.67
LOWER COLUMBIA RIVER	24.62	24.91	8.67
LOWER COLUMBIA RIVER	21.3	21.87	8.67
JACKSONVILLE	38.08	38.09	8.67
LOWER COLUMBIA RIVER	24.91	24.93	8.67
LOWER COLUMBIA RIVER	23.35	23.37	8.67
LOWER COLUMBIA RIVER	24.93	25	8.67
KLAMATH FALLS-LAKEVIEW	3.15	3.22	8.51
KLAMATH FALLS-LAKEVIEW	3.08	3.15	8.51
EDGEWATER ST. CONN. NO. 1	24.08	24.32	8.51
EDGEWATER ST. CONN. NO. 1	23.93	23.94649841	8.51
EDGEWATER ST. CONN. NO. 1	24.249	24.251	8.51
EDGEWATER ST. CONN. NO. 1	24.24401849	24.248	8.51
LA GRANDE-BAKER	49.95	50.23	8.51
PACIFIC HIGHWAY EAST	30.74	30.85	8.51
LA GRANDE-BAKER	50.23	50.48	8.51
PACIFIC HIGHWAY WEST	109.76	110.27	8.51
HOOD RIVER	1.04	1.17	8.51
HOOD RIVER	1.17	1.42	8.51
MCKENZIE	3.63	3.73	8.37
SANTIAM	0.49	0.55	8.37
CENTRAL OREGON	1	1.05	8.37
MCKENZIE	5.78	5.84	8.37
SANTIAM	26.75	26.77	8.37
MCKENZIE	4.25	4.28	8.37
OREGON COAST	139.54	139.61	8.37
MCKENZIE	5.93	6.03	8.37
KLAMATH FALLS-LAKEVIEW	4.94	5.13	8.37
CENTRAL OREGON	0.86	0.94	8.37
OREGON COAST	139.42	139.48	8.37
WALLOWA LAKE	1.62	1.72	8.37
SANTIAM	0.81	0.83	8.37
SANTIAM	26.77	26.87	8.37
MCKENZIE-BEND	20.73	20.81	8.37
MCKENZIE	5.48	5.57	8.37

MCKENZIE	4.08	4.1	8.37
MCKENZIE	5.16	5.28	8.37
WALLOWA LAKE	0.46	0.56	8.37
SANTIAM	0.34	0.39	8.37
SANTIAM	29.03	29.08	8.37
OREGON COAST	139.36	139.42	8.37
MCKENZIE	6.43	6.54	8.37
KLAMATH FALLS-LAKEVIEW	5.13	5.19	8.37
OREGON COAST	139.89	139.93	8.37
MCKENZIE	5.64	5.67	8.37
MCKENZIE	4.05	4.08	8.37
CENTRAL OREGON	0.77	0.86	8.37
OREGON COAST	188.91	188.97	8.37
MCKENZIE	5.86	5.93	8.37
SANTIAM	29.84	30	8.37
OREGON COAST	140.23	140.25	8.37
MCKENZIE	6.92	7.11	8.37
MCKENZIE	7.81	7.85	8.37
OREGON COAST	189.33	189.44	8.37
WALLOWA LAKE	0.71	0.72	8.37
SANTIAM	27.07	27.17	8.37
OREGON COAST	189.21	189.26	8.37
CENTRAL OREGON	1.05	1.11	8.37
SANTIAM	0.55	0.64	8.37
MCKENZIE	7.39	7.45	8.37
MCKENZIE	6.54	6.66	8.37
MCKENZIE-BEND	20.81	20.87	8.37
KLAMATH FALLS-LAKEVIEW	4.5	4.78	8.37
OREGON COAST	139.98	139.99	8.37
CENTRAL OREGON	0.94	1	8.37
MCKENZIE	6.66	6.81	8.37
CENTRAL OREGON	1.16	1.2	8.37
OREGON COAST	188.85	188.91	8.37
OREGON COAST	139.93	139.98	8.37
MCKENZIE	4.74	4.78	8.37
MCKENZIE	3.73	3.79	8.37
OREGON COAST	140.11	140.14	8.37
SANTIAM	29.08	29.28	8.37
MCKENZIE	7.58	7.66	8.37
WALLOWA LAKE	0.56	0.62	8.37
MCKENZIE	5.29	5.42	8.37
OREGON COAST	356.92	357.02	8.37
OREGON COAST	140.09	140.11	8.37
MCKENZIE	4.15	4.19	8.37
OREGON COAST	139.79	139.85	8.37
MCKENZIE	4.42	4.44	8.37
CENTRAL OREGON	1.95	2.18	8.37
MCKENZIE	5.67	5.74	8.37
SANTIAM	27.79	27.93	8.37
MCKENZIE-BEND	20.47	20.55	8.37
WALLOWA LAKE	0.39	0.46	8.37
OREGON COAST	139.49	139.54	8.37
OREGON COAST	140.14	140.19	8.37
OREGON COAST	139.99	140.04	8.37
MCKENZIE	5.28	5.29	8.37
MCKENZIE-BEND	20.59	20.65	8.37
KLAMATH FALLS-LAKEVIEW	4.78	4.94	8.37
MCKENZIE	5.84	5.86	8.37
MCKENZIE-BEND	20.94	20.99	8.37
MCKENZIE	3.14	3.17	8.37
OREGON COAST	189.03	189.09	8.37
MCKENZIE	7.2	7.32	8.37
MCKENZIE	3.79	3.84	8.37
OREGON-WASHINGTON	31.08	31.15	8.37
SANTIAM	27.93	28.09	8.37
MCKENZIE	4.19	4.25	8.37
MCKENZIE	6.85	6.92	8.37
MCKENZIE	7.45	7.58	8.37
OREGON COAST	139.32	139.36	8.37
OREGON-WASHINGTON	30.82	30.94	8.37
SANTIAM	28.09	28.18	8.37
SANTIAM	0.18	0.23	8.37
MCKENZIE	4.28	4.3	8.37
WALLOWA LAKE	1.72	1.74	8.37
OREGON-WASHINGTON	30.94	30.99	8.37
SANTIAM	28.59	28.78	8.37
SANTIAM	0.44	0.49	8.37

OREGON COAST	140.25	140.28	8.37
MCKENZIE	4.85	5	8.37
OREGON COAST	357.02	357.08	8.37
OREGON COAST	115.6	115.66	8.37
OREGON COAST	188.62	188.68	8.37
OREGON COAST	139.74	139.79	8.37
OREGON COAST	356.83	356.92	8.37
OREGON COAST	188.97	189.03	8.37
MCKENZIE	3.84	3.96	8.37
GREEN SPRINGS	0.95	1.04	8.37
SANTIAM	0.29	0.34	8.37
OREGON COAST	139.73	139.74	8.37
MCKENZIE	5	5.16	8.37
SANTIAM	28.18	28.59	8.37
WALLOWA LAKE	0.62	0.71	8.37
MCKENZIE	3	3.04	8.37
OREGON COAST	140.04	140.09	8.37
MCKENZIE	5.74	5.78	8.37
SANTIAM	26.87	27.07	8.37
OREGON COAST	188.68	188.73	8.37
CENTRAL OREGON	0.51	0.6	8.37
MCKENZIE-BEND	20.55	20.59	8.37
MCKENZIE	2.98	3	8.37
MCKENZIE	3.43	3.63	8.37
SANTIAM	0.15	0.18	8.37
MCKENZIE	3.96	4.05	8.37
OREGON-WASHINGTON	31.15	31.2	8.37
SANTIAM	0.64	0.71	8.37
OREGON COAST	115.56	115.6	8.37
MCKENZIE-BEND	20.4	20.47	8.37
MCKENZIE	3.04	3.07	8.37
MCKENZIE	5.57	5.62	8.37
SANTIAM	0.39	0.44	8.37
MCKENZIE	7.66	7.81	8.37
OREGON COAST	140.19	140.23	8.37
OREGON COAST	188.73	188.85	8.37
CENTRAL OREGON	0.68	0.77	8.37
OREGON COAST	139.11	139.32	8.37
MCKENZIE	4.78	4.85	8.37
MCKENZIE	3.17	3.41	8.37
SANTIAM	0.23	0.29	8.37
OREGON COAST	139.85	139.89	8.37
MCKENZIE	5.42	5.48	8.37
MCKENZIE-BEND	20.87	20.94	8.37
SANTIAM	0.71	0.77	8.37
MCKENZIE	5.62	5.64	8.37
MCKENZIE	4.1	4.15	8.37
SANTIAM	29.73	29.84	8.37
SANTIAM	30	30.29	8.37
SANTIAM	28.88	29.03	8.37
WALLOWA LAKE	1.88	2.18	8.37
OREGON COAST	189.26	189.33	8.37
MCKENZIE	4.44	4.61	8.37
MCKENZIE	3.41	3.43	8.37
CENTRAL OREGON	1.11	1.16	8.37
MCKENZIE	3.07	3.14	8.37
OREGON-WASHINGTON	30.77	30.82	8.37
MCKENZIE	6.81	6.85	8.37
OREGON COAST	189.09	189.14	8.37
SANTIAM	0.77	0.81	8.37
MCKENZIE	7.32	7.39	8.37
MCKENZIE	4.61	4.74	8.37
OREGON COAST	189.14	189.21	8.37
OREGON COAST	139.61	139.73	8.37
MCKENZIE	4.3	4.42	8.37
SANTIAM	26.71	26.75	8.37
OREGON-WASHINGTON	30.99	31.08	8.37
MCKENZIE	7.11	7.2	8.37
SANTIAM	28.78	28.88	8.37
MCKENZIE-BEND	20.65	20.73	8.37
WALLOWA LAKE	1.74	1.88	8.37
OREGON COAST	139.48	139.49	8.37
OREGON COAST	356.74	356.83	8.37
ALBANY-JUNCTION CITY	3.07	3.14	8.37
PACIFIC HIGHWAY WEST	36.06	36.36	8.37
PACIFIC HIGHWAY WEST	84.69	84.77	8.37
PACIFIC HIGHWAY WEST	85.42	85.45	8.37

ALBANY-JUNCTION CITY	3.42	3.64	8.37
PACIFIC HIGHWAY WEST	38.46	38.49	8.37
MT. HOOD	23.45	23.47	8.37
ALBANY-JUNCTION CITY	3.79	3.91	8.37
BEAVERTON-HILLSDALE	3.14	3.18	8.37
PACIFIC HIGHWAY WEST	84.64	84.69	8.37
PACIFIC HIGHWAY WEST	22.09	22.21	8.37
CASCADE HWY NORTH	6.83	6.86	8.37
PACIFIC HIGHWAY EAST	10.89	10.93	8.37
PACIFIC HIGHWAY WEST	38.67	38.75	8.37
ALBANY-JUNCTION CITY	1.04	1.15	8.37
SALEM	7.02	7.08	8.37
PACIFIC HIGHWAY EAST	7.88	8.1	8.37
PACIFIC HIGHWAY WEST	36.86	37	8.37
PACIFIC HIGHWAY WEST	8.02	8.18	8.37
ALBANY-JUNCTION CITY	2.85	2.91	8.37
ALBANY-JUNCTION CITY	4.93	5.26	8.37
CASCADE HWY NORTH	0.56	0.57	8.37
ALBANY-JUNCTION CITY	0.93	0.99	8.37
KLAMATH FALLS-MALIN	-5.06	-4.97	8.37
ALBANY-JUNCTION CITY	1.52	1.56	8.37
CASCADE HWY NORTH	6.64	6.73	8.37
MT. HOOD	23.08	23.12	8.37
ALBANY-JUNCTION CITY	0.99	1.04	8.37
CASCADE HWY NORTH	0.62	0.66	8.37
BEAVERTON-HILLSDALE	3.05	3.1	8.37
PACIFIC HIGHWAY WEST	22.21	22.45	8.37
PENDLETON-JOHN DAY	2.1	2.26	8.37
PACIFIC HIGHWAY WEST	85.23	85.42	8.37
ALBANY-JUNCTION CITY	3.14	3.28	8.37
PACIFIC HIGHWAY WEST	84.83	84.96	8.37
PACIFIC HIGHWAY EAST	10.14	10.3	8.37
PACIFIC HIGHWAY EAST	8.42	8.75	8.37
ALBANY-JUNCTION CITY	4.02	4.16	8.37
SALEM	7.34	7.42	8.37
MT. HOOD	23.15	23.33	8.37
SALEM	7.52	7.56	8.37
PACIFIC HIGHWAY EAST	32.19	32.29	8.37
CASCADE HWY NORTH	6.86	6.98	8.37
ALBANY-JUNCTION CITY	3.01	3.02	8.37
CASCADE HWY NORTH	6.58	6.62	8.37
CASCADE HWY NORTH	7.08	7.17	8.37
BEAVERTON-HILLSDALE	3.18	3.2	8.37
PACIFIC HIGHWAY WEST	21.87	21.88	8.37
PACIFIC HIGHWAY WEST	85.06	85.08	8.37
PACIFIC HIGHWAY WEST	85.08	85.15	8.37
MT. HOOD	23.12	23.15	8.37
ALBANY-JUNCTION CITY	1.15	1.24	8.37
SALEM	7.08	7.14	8.37
PACIFIC HIGHWAY WEST	38.49	38.57	8.37
SALEM	7.43	7.52	8.37
SALEM	7.42	7.43	8.37
ROGUE VALLEY	5.33	5.48	8.37
PACIFIC HIGHWAY EAST	10.93	11.02	8.37
PACIFIC HIGHWAY WEST	8.37	8.38	8.37
PACIFIC HIGHWAY EAST	10.3	10.75	8.37
ALBANY-JUNCTION CITY	2.98	3.01	8.37
PACIFIC HIGHWAY WEST	84.77	84.83	8.37
SALEM	7.79	7.9	8.37
BEAVERTON-HILLSDALE	3.13	3.14	8.37
PACIFIC HIGHWAY WEST	10.04	10.16	8.37
PACIFIC HIGHWAY WEST	7.93	8.02	8.37
MT. HOOD	23.42	23.45	8.37
PACIFIC HIGHWAY WEST	22.45	22.64	8.37
PACIFIC HIGHWAY WEST	8.38	8.48	8.37
PENDLETON-JOHN DAY	2.38	2.43	8.37
BEAVERTON-HILLSDALE	2.74	2.75	8.37
MT. HOOD	23.33	23.42	8.37
PACIFIC HIGHWAY WEST	38.66	38.67	8.37
BEAVERTON-HILLSDALE	2.75	3.05	8.37
SALEM	7.24	7.34	8.37
PACIFIC HIGHWAY EAST	8.1	8.21	8.37
ALBANY-JUNCTION CITY	5.26	5.42	8.37
PACIFIC HIGHWAY WEST	21.93	22.01	8.37
BEAVERTON-HILLSDALE	3.1	3.13	8.37
PACIFIC HIGHWAY WEST	21.88	21.93	8.37
PACIFIC HIGHWAY WEST	22.8	22.89	8.37

UMATILLA-STANFIELD	4.52	4.69	8.37
PACIFIC HIGHWAY WEST	21.8	21.87	8.37
ALBANY-JUNCTION CITY	5.42	5.49	8.37
UMATILLA-STANFIELD	4.73	4.84	8.37
PACIFIC HIGHWAY EAST	31.87	32	8.37
ALBANY-JUNCTION CITY	5.49	5.81	8.37
CASCADE HWY NORTH	0.61	0.62	8.37
ROGUE VALLEY	14.2	14.23	8.37
ALBANY-JUNCTION CITY	1.56	1.61	8.37
PENDLETON-JOHN DAY	2.32	2.38	8.37
TUALATIN VALLEY	0.38	0.48	8.37
SALEM	7.14	7.2	8.37
TUALATIN VALLEY	11.72	11.95	8.37
PACIFIC HIGHWAY EAST	10.75	10.89	8.37
PACIFIC HIGHWAY WEST	84.58	84.64	8.37
PACIFIC HIGHWAY EAST	32.29	32.41	8.37
PACIFIC HIGHWAY WEST	22.64	22.7	8.37
CASCADE HWY NORTH	0.57	0.61	8.37
PACIFIC HIGHWAY EAST	9.4	9.51	8.37
PACIFIC HIGHWAY WEST	38.4	38.46	8.37
CASCADE HWY NORTH	6.62	6.64	8.37
PACIFIC HIGHWAY WEST	22.7	22.8	8.37
PACIFIC HIGHWAY EAST	45.64	45.89	8.37
SALEM	7.2	7.24	8.37
PACIFIC HIGHWAY EAST	8.75	8.99	8.37
ALBANY-JUNCTION CITY	3.64	3.69	8.37
CASCADE HWY NORTH	6.73	6.78	8.37
MT. HOOD	22.98	23.02	8.37
PACIFIC HIGHWAY WEST	38.6	38.66	8.37
ALBANY-JUNCTION CITY	3.69	3.79	8.37
PACIFIC HIGHWAY WEST	84.96	85.06	8.37
PACIFIC HIGHWAY WEST	38.57	38.6	8.37
SALEM	5.39	5.47	8.37
PACIFIC HIGHWAY EAST	9.22	9.4	8.37
ALBANY-JUNCTION CITY	2.91	2.98	8.37
PACIFIC HIGHWAY EAST	32.07	32.19	8.37
PACIFIC HIGHWAY EAST	32	32.07	8.37
PENDLETON-JOHN DAY	2.26	2.32	8.37
PACIFIC HIGHWAY EAST	7.78	7.88	8.37
ALBANY-JUNCTION CITY	3.95	4.02	8.37
PACIFIC HIGHWAY WEST	85.45	85.55	8.37
SALEM	7.9	7.92	8.37
ALBANY-JUNCTION CITY	3.28	3.42	8.37
CASCADE HWY NORTH	6.78	6.83	8.37
PACIFIC HIGHWAY WEST	35.48	35.6	8.37
PACIFIC HIGHWAY WEST	85.15	85.23	8.37
ALBANY-JUNCTION CITY	3.91	3.95	8.37
PACIFIC HIGHWAY WEST	9.85	9.91	8.37
ROGUE VALLEY	18.26	18.44	8.37
PACIFIC HIGHWAY WEST	84.49	84.58	8.37
PACIFIC HIGHWAY WEST	36.71	36.86	8.37
PACIFIC HIGHWAY EAST	-4.01	-3.99	8.37
UMATILLA-STANFIELD	4.69	4.73	8.37
PACIFIC HIGHWAY EAST	7.7	7.78	8.37
CASCADE HWY NORTH	6.98	7.08	8.37
ALBANY-JUNCTION CITY	3.02	3.07	8.37
MT. HOOD	23.02	23.08	8.37
PACIFIC HIGHWAY WEST	35.6	35.68	8.37
PENDLETON-JOHN DAY	2.43	2.49	8.37
ROGUE VALLEY	14.23	14.59	8.37
PACIFIC HIGHWAY WEST	9.64	9.76	8.37
PACIFIC HIGHWAY WEST	85.55	85.58	8.37
LOWER COLUMBIA RIVER	2.43	2.68	8.37
NORTH UMPQUA HIGHWAY EAST	0.63	0.68	8.37
CAPE ARAGO	2.09	2.12	8.37
CLACKAMAS	5.54	5.73	8.37
SALEM-DAYTON	20.39	20.43	8.37
HILLSBORO-SILVERTON	38.91	39.07	8.37
HALSEY-SWEET HOME	21.38	21.4	8.37
CAPE ARAGO	2.12	2.14	8.37
LOWER COLUMBIA RIVER	20.82	20.87	8.37
NORTH UMPQUA HIGHWAY EAST	0.3	0.37	8.37
LOWER COLUMBIA RIVER	20.87	20.9	8.37
NORTH UMPQUA HIGHWAY EAST	0.37	0.57	8.37
SALEM-DAYTON	20.57	20.67	8.37
JACKSONVILLE	0.22	0.57	8.37
NORTHEAST PORTLAND	10.03	10.08	8.37

CAPE ARAGO	1.99	2.04	8.37
LOWER COLUMBIA RIVER	20.9	20.91	8.37
SALEM-DAYTON	20.67	20.71	8.37
LOWER COLUMBIA RIVER	1.99	2.05	8.37
NORTH UMPQUA HIGHWAY EAST	1.39	1.47	8.37
ESPLANADE SPUR	4.97	5	8.37
NORTH UMPQUA HIGHWAY EAST	0.23	0.3	8.37
NORTH UMPQUA HIGHWAY EAST	0.1	0.17	8.37
NORTHEAST PORTLAND	9.92	9.94	8.37
CAPE ARAGO	2.14	2.18	8.37
SALEM-DAYTON	20.71	20.75	8.37
CAPE ARAGO	2.18	2.19	8.37
LOWER COLUMBIA RIVER	2.09	2.25	8.37
NORTH UMPQUA HIGHWAY EAST	1.2	1.29	8.37
SALEM-DAYTON	20.26	20.39	8.37
NORTH UMPQUA HIGHWAY EAST	0.68	0.74	8.37
SALEM-DAYTON	20.48	20.52	8.37
NORTH UMPQUA HIGHWAY EAST	0.57	0.63	8.37
LOWER COLUMBIA RIVER	20.62	20.67	8.37
NORTH UMPQUA HIGHWAY EAST	0.17	0.23	8.37
NORTHEAST PORTLAND	9.98	10.01	8.37
CAPE ARAGO	2.04	2.06	8.37
LOWER COLUMBIA RIVER	20.67	20.82	8.37
SALEM-DAYTON	20.46	20.48	8.37
CAPE ARAGO	1.49	1.54	8.37
SALEM-DAYTON	20.19	20.26	8.37
NORTHEAST PORTLAND	9.94	9.98	8.37
NORTH UMPQUA HIGHWAY EAST	1.09	1.2	8.37
NORTH UMPQUA HIGHWAY EAST	0.74	1.09	8.37
CAPE ARAGO	2.06	2.09	8.37
CLACKAMAS	6.69	6.88	8.37
SALEM-DAYTON	20.43	20.46	8.37
NORTHEAST PORTLAND	10.01	10.03	8.37
JACKSONVILLE	0.57	0.75	8.37
NORTH UMPQUA HIGHWAY EAST	1.36	1.39	8.37
LOWER COLUMBIA RIVER	2.05	2.09	8.37
SALEM-DAYTON	20.52	20.57	8.37
HILLSBORO-SILVERTON	38.82	38.91	8.37
LOWER COLUMBIA RIVER	2.25	2.43	8.37
NORTH UMPQUA HIGHWAY EAST	1.29	1.36	8.37
CLACKAMAS	5.18	5.37	8.37
CAPE ARAGO	2.19	2.24	8.37
ONTARIO SPUR	27.37	27.53	8.37
CENTRAL OREGON	2.55	2.65	8.34
CASCADE HWY NORTH	7.73	7.81	8.34
BELTLINE	2.35	2.42	8.34
CASCADE HWY NORTH	7.54	7.55	8.34
CASCADE HWY NORTH	7.5	7.54	8.34
CASCADE HWY NORTH	7.72	7.73	8.34
ALBANY-JUNCTION CITY	4.77	4.82	8.34
CASCADE HWY NORTH	7.55	7.66	8.34
CASCADE HWY NORTH	7.66	7.72	8.34
ALBANY-JUNCTION CITY	4.53	4.77	8.34
CASCADE HWY NORTH	7.42	7.46	8.34
LOWER COLUMBIA RIVER	8.3	8.35	8.34
LOWER COLUMBIA RIVER	8.27	8.3	8.34
OSWEGO	9.12	9.22	8.2
SANTIAM	30.44	30.48	8.2
THE DALLES-CALIFORNIA	115.61	115.71	8.2
OSWEGO	7.03	7.1	8.2
OREGON COAST	20.18	20.24	8.2
WILLAMETTE	0.28	0.3	8.2
OREGON-WASHINGTON	5.00E-02	0.1	8.2
REDWOOD	0.79	0.84	8.2
THE DALLES-CALIFORNIA	93.04	93.12	8.2
OREGON COAST	21.32	21.35	8.2
THE DALLES-CALIFORNIA	272.64	272.99	8.2
MALIN HWY. CONN. NO. 1	5.58	5.63	8.2
OREGON-WASHINGTON	-2.00E-02	1.14E-13	8.2
OREGON COAST	21.45	21.49	8.2
OREGON COAST	66.25	66.43	8.2
KLAMATH FALLS-LAKEVIEW	5.55	5.6	8.2
OREGON COAST	115.76	115.84	8.2
OREGON-WASHINGTON	26.85	26.86	8.2
MCKENZIE-BEND	18.18	18.59	8.2
OREGON COAST	20.08	20.18	8.2
OREGON COAST	21.4	21.45	8.2

OREGON-WASHINGTON	1.14E-13	5.00E-02	8.2
OREGON COAST	187.23	187.76	8.2
OSWEGO	6.82	7.03	8.2
REDWOOD	-2.63	-2.55	8.2
OREGON COAST	188.2	188.24	8.2
WILLAMETTE	7.00E-02	0.28	8.2
SANTIAM	30.48	30.7	8.2
THE DALLES-CALIFORNIA	115.79	115.88	8.2
KLAMATH FALLS-LAKEVIEW	5.54	5.55	8.2
THE DALLES-CALIFORNIA	96.21	96.37	8.2
KLAMATH FALLS-LAKEVIEW	5.6	6.31	8.2
OSWEGO	9.76	9.83	8.2
OSWEGO	7.39	7.44	8.2
OREGON COAST	115.88	116.1	8.2
OREGON COAST	21.17	21.18	8.2
OREGON COAST	235.51	235.83	8.2
OSWEGO	9.98	10.18	8.2
OSWEGO	10.62	10.64	8.2
MCKENZIE-BEND	18.2	18.51	8.2
OREGON COAST	115.74	115.76	8.2
THE DALLES-CALIFORNIA	115.71	115.79	8.2
THE DALLES-CALIFORNIA	96.04	96.14	8.2
GOSHEN CONN. NO. 2	0.29	0.31	8.2
REDWOOD	-0.35	-8.00E-02	8.2
THE DALLES-CALIFORNIA	272.58	272.97	8.2
OREGON COAST	6.83	7.07	8.2
REDWOOD	-2.85	-2.63	8.2
THE DALLES-CALIFORNIA	93.21	93.25	8.2
KLAMATH FALLS-LAKEVIEW	5.56	5.58	8.2
THE DALLES-CALIFORNIA	275.06	275.25	8.2
OSWEGO	9.91	9.98	8.2
E PENDLETON CONN. NO. 3	5.00E-02	0.12	8.2
OREGON COAST	21.54	21.61	8.2
REDWOOD	0.62	0.79	8.2
OSWEGO	9.83	9.91	8.2
OSWEGO	10.51	10.52	8.2
OREGON COAST	21.18	21.26	8.2
THE DALLES-CALIFORNIA	93.04	93.21	8.2
OREGON COAST	188.24	188.26	8.2
OREGON COAST	187.76	188.01	8.2
OSWEGO	10.52	10.62	8.2
OSWEGO	7.1	7.16	8.2
THE DALLES-CALIFORNIA	96.14	96.21	8.2
COTTAGE GROVE CONN. NO. 1	174.19	174.54	8.2
THE DALLES-CALIFORNIA	115.35	115.61	8.2
SANTIAM	30.34	30.39	8.2
THE DALLES-CALIFORNIA	96.37	96.48	8.2
OSWEGO	7.47	7.5	8.2
OREGON COAST	21.35	21.4	8.2
OSWEGO	9.36	9.43	8.2
OREGON COAST	66.24	66.43	8.2
COTTAGE GROVE CONN. NO. 1	174.16	174.19	8.2
OREGON COAST	20.3	20.35	8.2
OREGON COAST	21.26	21.29	8.2
OREGON-WASHINGTON	26.38	26.85	8.2
OREGON COAST	21.29	21.32	8.2
MCKENZIE-BEND	18.16	18.18	8.2
OREGON COAST	188.01	188.2	8.2
OREGON COAST	116.35	116.47	8.2
OREGON COAST	142.4	142.61	8.2
OREGON COAST	115.84	115.88	8.2
GOSHEN CONN. NO. 2	0.28	0.29	8.2
THE DALLES-CALIFORNIA	115.88	115.94	8.2
REDWOOD	-2.36	-2.16	8.2
OREGON COAST	20.24	20.3	8.2
REDWOOD	-2.55	-2.26	8.2
OREGON COAST	142.61	142.85	8.2
OREGON COAST	142.22	142.4	8.2
OREGON COAST	21.49	21.54	8.2
MCKENZIE-BEND	18.18	18.2	8.2
OSWEGO	7.44	7.47	8.2
SANTIAM	30.39	30.44	8.2
OSWEGO	9.22	9.36	8.2
GREEN SPRINGS	1.28	1.38	8.2
KLAMATH FALLS-LAKEVIEW	5.58	5.6	8.2
PACIFIC HIGHWAY WEST	84.07	84.25	8.2
MT. HOOD	5.77	5.81	8.2

N. THURSTON ST CONN. NO. 3	2.075029283	2.08	8.2
CORVALLIS-NEWPORT	53.87	54.07	8.2
N. THURSTON ST CONN. NO. 4	2.01	2.05	8.2
LA GRANDE-BAKER	2.54	2.65	8.2
ALBANY-CORVALLIS	0.31	0.69	8.2
CORVALLIS-NEWPORT	53.72	53.77	8.2
PACIFIC HIGHWAY WEST	75.7	75.92	8.2
PACIFIC HIGHWAY WEST	39.01	39.05	8.2
ALBANY-JUNCTION CITY	2.54	2.56	8.2
TUALATIN VALLEY	16.84	17.03	8.2
MT. HOOD	8.36	8.4	8.2
KLAMATH FALLS-MALIN	-6.44	-6.41	8.2
PACIFIC HIGHWAY WEST	62.31	63.17	8.2
HWY 091(1W) CONN. NO. 1	55.67	55.98	8.2
MT. HOOD	8.79	8.85	8.2
PACIFIC HIGHWAY WEST	63.57	63.79	8.2
KLAMATH FALLS-MALIN	-6.81	-6.41	8.2
SALEM	3.41	3.56	8.2
KLAMATH FALLS-MALIN	0.31	0.38	8.2
WESTERN BLVD. CONN. NO. 4	54.18	54.2	8.2
MT. HOOD	9.46	9.48	8.2
PACIFIC HIGHWAY WEST	10.43	10.55	8.2
ALBANY-CORVALLIS HWY CON 2	2.56	2.71	8.2
CORVALLIS-NEWPORT	51.85	51.92	8.2
CORVALLIS-NEWPORT	54.07	54.08	8.2
ALBANY-JUNCTION CITY	2.08	2.088	8.2
PACIFIC HIGHWAY WEST	83.06	83.2	8.2
ALBANY-JUNCTION CITY	2.05	2.08	8.2
PACIFIC HIGHWAY WEST	37.77	37.81	8.2
SALEM	4.71	4.73	8.2
KLAMATH FALLS-MALIN	0.27	0.31	8.2
PENDLETON	1.75	1.88	8.2
MT. HOOD	5.85	5.87	8.2
BIEHN ST. CONN. NO. 2	6.41	6.43	8.2
CORVALLIS-NEWPORT	53.64	53.72	8.2
CORVALLIS-NEWPORT	53.84	53.87	8.2
CORVALLIS-NEWPORT	54.18	54.2	8.2
PACIFIC HIGHWAY WEST	10.36	10.43	8.2
ROGUE RIVER	1.33	1.49	8.2
MT. HOOD	7.53	7.58	8.2
CORVALLIS-NEWPORT	53.77	53.84	8.2
MT. HOOD	7.58	7.66	8.2
CORVALLIS-NEWPORT	54.18	54.19	8.2
ROGUE RIVER	0.57	0.66	8.2
ROGUE RIVER	2.39	3.01	8.2
KLAMATH FALLS-MALIN	0.22	0.27	8.2
CORVALLIS-NEWPORT	54.08	54.15	8.2
LA GRANDE-BAKER	2.65	2.77	8.2
PENDLETON HWY CONN.	30.71	30.82	8.2
TUALATIN VALLEY	13.74	13.85	8.2
LYON ST. CONN.	11.07	11.1	8.2
MT. HOOD	6.2	6.31	8.2
CORVALLIS-NEWPORT	54.364	54.37056238	8.2
MT. HOOD	6.31	6.49	8.2
ALBANY-CORVALLIS	10.94	11.01	8.2
PACIFIC HIGHWAY WEST	11.92	12.03	8.2
ALBANY-CORVALLIS	0.72	0.76	8.2
MT. HOOD	8.74	8.79	8.2
PENDLETON	4.62	4.83	8.2
ALBANY-JUNCTION CITY	1.36	1.45	8.2
ROGUE RIVER	1.08	1.12	8.2
PACIFIC HIGHWAY WEST	39.06	39.2	8.2
CORVALLIS-NEWPORT	54.07	54.08	8.2
PACIFIC HIGHWAY WEST	3.8	3.82	8.2
PACIFIC HIGHWAY WEST	37.81	37.98	8.2
ROGUE RIVER	0.35	0.45	8.2
CORVALLIS-NEWPORT	54.37	54.38	8.2
OREGON-WASHINGTON HWY CONN	4.83	4.96	8.2
CORVALLIS-NEWPORT	51.68	51.85	8.2
ALBANY-JUNCTION CITY	1.93	2.05	8.2
MT. HOOD	8.98	9.15	8.2
CORVALLIS-NEWPORT	55.18	55.45	8.2
ROGUE RIVER	1.6	1.83	8.2
CORVALLIS-NEWPORT	49.92	50.18	8.2
CORVALLIS-NEWPORT	51.48	51.59	8.2
MT. HOOD	9.48	9.61	8.2
WILLAMINA-SALEM HWY CONN.	4.73	4.74	8.2

CORVALLIS-NEWPORT	54.11	54.15	8.2
PACIFIC HIGHWAY WEST	3.86	3.94	8.2
CORVALLIS-NEWPORT	54.07	54.11	8.2
LA GRANDE-BAKER	2.77	2.79	8.2
KLAMATH FALLS-MALIN	1.14E-13	7.00E-02	8.2
SALEM	4.8	4.84	8.2
MT. HOOD	7.66	7.7	8.2
TUALATIN VALLEY	16.07	16.13	8.2
MT. HOOD	8.16	8.26	8.2
SALEM	4.75	4.81	8.2
THE DALLES-CALIFORNIA	-6.672998771	-6.666764251	8.2
CORVALLIS-NEWPORT	54.15	54.18	8.2
PACIFIC HIGHWAY WEST	82.95	83.2	8.2
PACIFIC HIGHWAY WEST	11.87	11.88	8.2
CORVALLIS-NEWPORT	54.65	55.15	8.2
PACIFIC HIGHWAY WEST	3.82	3.85	8.2
SALEM	4.48	4.71	8.2
SALMON RIVER	59.9	60.01	8.2
SALEM	5.1	5.18	8.2
ROGUE RIVER	0.48	0.52	8.2
PACIFIC HIGHWAY EAST	4.64	4.78	8.2
CORVALLIS-NEWPORT	54.19	54.37	8.2
PACIFIC HIGHWAY WEST	32.18	32.23	8.2
SALEM	4.58	4.8	8.2
PACIFIC HIGHWAY WEST	11.88	11.92	8.2
KLAMATH FALLS-MALIN	0.53	0.77	8.2
HWY 091(1W) CONN. NO. 1	84.07	84.075	8.2
CORVALLIS-NEWPORT	54.36293524	54.38	8.2
PACIFIC HIGHWAY WEST	10.36	10.41	8.2
PACIFIC HIGHWAY WEST	82.95	83.06	8.2
ROGUE RIVER	1.49	1.6	8.2
PACIFIC HIGHWAY WEST	31.89	32.18	8.2
MT. HOOD	5.81	5.85	8.2
PACIFIC HIGHWAY WEST	75.34	75.7	8.2
LA GRANDE-BAKER	2.79	2.9	8.2
ROGUE RIVER	1.83	2.39	8.2
WESTERN BLVD. CONN. NO. 1	54.21	54.25	8.2
ALBANY-JUNCTION CITY	1.45	1.71	8.2
MT. HOOD	8.85	8.89	8.2
PACIFIC HIGHWAY WEST	12.66	12.78	8.2
PACIFIC HIGHWAY WEST	32.57	32.77	8.2
SALMON RIVER	50.1	51.18	8.2
ROGUE RIVER	0.52	0.57	8.2
MT. HOOD	7.49	7.53	8.2
ALBANY-CORVALLIS	0.69	0.72	8.2
MT. HOOD	7.7	7.78	8.2
CORVALLIS-NEWPORT	54.25	54.39	8.2
WILLAMINA-SALEM HWY CONN.	4.79	4.87	8.2
CORVALLIS-NEWPORT	54.15	54.18	8.2
MT. HOOD	8.4	8.46	8.2
KLAMATH FALLS-LAKEVIEW CON	7.00E-02	0.16	8.2
CORVALLIS-NEWPORT	51.43	51.48	8.2
N. THURSTON ST CONN. NO. 3	2.08	2.11	8.2
WESTERN BLVD. CONN. NO. 2	54.25	54.27	8.2
MT. HOOD	8.89	8.98	8.2
ROGUE RIVER	0.75	1.08	8.2
LA GRANDE-BAKER	2.9	2.93	8.2
PACIFIC HIGHWAY WEST	26.3	26.46	8.2
PACIFIC HIGHWAY WEST	12.03	12.1	8.2
ALBANY-CORVALLIS	3.34	3.77	8.2
PACIFIC HIGHWAY WEST	3.82	3.85	8.2
PACIFIC HIGHWAY WEST	3.85	3.86	8.2
CORVALLIS-NEWPORT	55.15	55.18	8.2
SALEM	5.09	5.1	8.2
KLAMATH FALLS-MALIN	0.77	0.94	8.2
MORGAN LANE CONN. NO. 2	2.63	2.73	8.2
PACIFIC HIGHWAY WEST	12.1	12.33	8.2
SALEM	5.18	5.26	8.2
PACIFIC HIGHWAY WEST	10.41	10.43	8.2
WESTERN BLVD. CONN. NO. 1	54.25	54.29	8.2
MT. HOOD	6.03	6.2	8.2
CORVALLIS-NEWPORT	0.52	1.01	8.2
PACIFIC HIGHWAY WEST	2.05	2.06	8.2
CORVALLIS-NEWPORT	54.07	54.07753718	8.2
MT. HOOD	5.97	6.03	8.2
MT. HOOD	6.49	6.5	8.2
CORVALLIS-NEWPORT	54.38	54.65	8.2

KLAMATH FALLS-MALIN	7.00E-02	0.22	8.2
MT. HOOD	8.26	8.36	8.2
TUALATIN VALLEY	13.62	13.74	8.2
CORVALLIS-NEWPORT	54.37056238	54.39	8.2
SALEM	4.73	4.75	8.2
PACIFIC HIGHWAY WEST	55.973	55.98	8.2
TUALATIN VALLEY	16.73	17.03	8.2
PACIFIC HIGHWAY WEST	39.05	39.06	8.2
MT. HOOD	8.11	8.16	8.2
SALMON RIVER	45.92	46.23	8.2
ALBANY-JUNCTION CITY	0.3	0.4	8.2
PACIFIC HIGHWAY WEST	12.4	12.66	8.2
CORVALLIS-NEWPORT	54.2	54.25	8.2
PACIFIC HIGHWAY WEST	11.62	11.87	8.2
JACKSONVILLE	33.97	34.87	8.2
HILLSBORO-SILVERTON	50.19	50.24	8.2
FARMINGTON	6.44	6.49	8.2
SALEM-DAYTON	18.35	18.69	8.2
NEHALEM	1.36	1.42	8.2
NEHALEM	1.61	1.66	8.2
FARMINGTON	6.26	6.39	8.2
CASCADE HWY SOUTH	3.81	4	8.2
HILLSBORO-SILVERTON	50.24	50.28	8.2
SALEM-DAYTON	19.19	19.35	8.2
FARMINGTON	7.17	7.26	8.2
WARRENTON-ASTORIA HWY CONN	1.52	1.61	8.2
SALEM-DAYTON	18.72	18.85	8.2
LOWER COLUMBIA RIVER	94.47	95.08	8.2
WARRENTON-ASTORIA	1.22	1.27	8.2
INDEPENDENCE	5.81	5.86	8.2
HILLSBORO-SILVERTON	49.62	50	8.2
NEHALEM	1.42	1.43	8.2
EAGLE CREEK-SANDY	5.85	5.88	8.2
NEHALEM	1.55	1.61	8.2
HALSEY-SWEET HOME	20.92	21.04	8.2
SALEM-DAYTON	19.51	19.63	8.2
HALSEY-SWEET HOME	20.71	20.75	8.2
SALEM-DAYTON	19.83	19.86	8.2
COTTAGE GROVE CONN. NO. 1	14.03	14.04421979	8.2
NEHALEM	0.69	0.76	8.2
ADAIR VILLAGE CONN.	75.7	75.72	8.2
WARRENTON-ASTORIA	7.11	7.25	8.2
DALLAS-RICKREALL	1.76	1.88	8.2
NEHALEM	1.47	1.52	8.2
HILLSBORO-SILVERTON	38.56	38.82	8.2
SALEM-DAYTON	18.69	18.72	8.2
FARMINGTON	6.39	6.44	8.2
SALEM-DAYTON	19.35	19.51	8.2
HISTORIC COLUMBIA RIVER	50.98	51.26	8.2
SALEM-DAYTON	18.85	19.03	8.2
NEHALEM	0.89	1.09	8.2
NEHALEM	1.52	1.55	8.2
SALEM-DAYTON	19.63	19.72	8.2
DALLAS-RICKREALL	1.07	1.55	8.2
FARMINGTON	5.88	5.94	8.2
HALSEY-SWEET HOME	20.8	20.86	8.2
HILLSBORO-SILVERTON	50.24	50.29	8.2
NEHALEM	1.09	1.36	8.2
HALSEY-SWEET HOME	20.59	20.71	8.2
GOSHEN-DIVIDE	13.87	14.03	8.2
STAR MOTEL FRONTAGE RD.	12.03	12.11	8.2
FARMINGTON	7.26	7.38	8.2
LOWER COLUMBIA RIVER	96.56	96.62	8.2
FARMINGTON	6.16	6.26	8.2
HILLSBORO-SILVERTON	21.61	21.85	8.2
SALEM-DAYTON	19.09	19.19	8.2
DALLAS-RICKREALL	1.55	1.76	8.2
HALSEY-SWEET HOME	20.75	20.8	8.2
DALLAS-RICKREALL	0.36	0.6	8.2
HWY. 033 CONN. NO. 1	84.07	84.34	8.2
FARMINGTON	7.07	7.11	8.2
LOWER COLUMBIA RIVER	96.62	96.7	8.2
HALSEY-SWEET HOME	20.86	20.92	8.2
SALEM-DAYTON	19.03	19.09	8.2
NEHALEM	1.43	1.47	8.2
KINGS VALLEY	2.36	2.55	8.2
SALEM-DAYTON	19.72	19.83	8.2

NEHALEM	0.59	0.69	8.2
FARMINGTON	7.11	7.17	8.2
LOWER COLUMBIA RIVER	96.26	96.56	8.2
FARMINGTON	6.98	7.07	8.2
OREGON COAST	21.68	21.74	8.17
FLORENCE-EUGENE	0.3	0.58	8.17
FLORENCE-EUGENE	0.24	0.3	8.17
BELTLINE	2.22	2.32	8.17
FLORENCE-EUGENE	0.17	0.24	8.17
BELTLINE	2.32	2.35	8.17
OSWEGO	5.86	6.04	8.13
NORTHEAST PORTLAND	4.81	4.85	8.13
NORTHEAST PORTLAND	4.15	4.2	8.13
NORTHEAST PORTLAND	5.51	5.61	8.13
NORTHEAST PORTLAND	5.91	5.97	8.13
NORTHEAST PORTLAND	4.8	4.81	8.13
NORTHEAST PORTLAND	5.1	5.15	8.13
NORTHEAST PORTLAND	4.95	4.97	8.13
NORTHEAST PORTLAND	5	5.02	8.13
NORTHEAST PORTLAND	4.28	4.31	8.13
NORTHEAST PORTLAND	4.2	4.22	8.13
NORTHEAST PORTLAND	4.65	4.7	8.13
NORTHEAST PORTLAND	4.05	4.1	8.13
NORTHEAST PORTLAND	4.85	4.87	8.13
NORTHEAST PORTLAND	4.6	4.65	8.13
NORTHEAST PORTLAND	4.42	4.45	8.13
NORTHEAST PORTLAND	4.76	4.8	8.13
NORTHEAST PORTLAND	3.95	4	8.13
NORTHEAST PORTLAND	4.38	4.4	8.13
NORTHEAST PORTLAND	4.26	4.28	8.13
NORTHEAST PORTLAND	4.9	4.92	8.13
NORTHEAST PORTLAND	4.02	4.05	8.13
NORTHEAST PORTLAND	4.97	5	8.13
NORTHEAST PORTLAND	4.34	4.37	8.13
NORTHEAST PORTLAND	4	4.02	8.13
NORTHEAST PORTLAND	4.55	4.6	8.13
NORTHEAST PORTLAND	4.22	4.26	8.13
NORTHEAST PORTLAND	4.7	4.75	8.13
NORTHEAST PORTLAND	5.02	5.05	8.13
NORTHEAST PORTLAND	4.5	4.53	8.13
BEAVERTON-TUALATIN	3.08	3.2	8.13
NORTHEAST PORTLAND	4.87	4.9	8.13
NORTHEAST PORTLAND	5.42	5.51	8.13
NORTHEAST PORTLAND	4.37	4.38	8.13
NORTHEAST PORTLAND	5.71	5.83	8.13
NORTHEAST PORTLAND	4.92	4.95	8.13
NORTHEAST PORTLAND	4.1	4.15	8.13
NORTHEAST PORTLAND	5.83	5.91	8.13
NORTHEAST PORTLAND	5.05	5.1	8.13
NORTHEAST PORTLAND	4.53	4.55	8.13
NORTHEAST PORTLAND	4.31	4.34	8.13
NORTHEAST PORTLAND	4.4	4.42	8.13
NORTHEAST PORTLAND	4.45	4.5	8.13
NORTHEAST PORTLAND	4.75	4.76	8.13
SANTIAM	11.71	12.18	8.12
SANTIAM	12.18	12.24	8.12
COLUMBIA RIVER	182.38	182.66	8.12
OCHOCO	0.49	0.53	8.12
OCHOCO	0.44	0.49	8.12
PACIFIC HIGHWAY EAST	1.84	1.85	8.12
OCHOCO	0.38	0.42	8.12
OCHOCO	0.42	0.44	8.12
CORVALLIS-LEBANON	16.92	16.97	8.12
CORVALLIS-LEBANON	16.97	17.03	8.12
PAULINA	1.14E-13	0.1	8.12
CORVALLIS-LEBANON	17.03	17.2	8.12
OSWEGO	6.8	6.82	8.11
THE DALLES-CALIFORNIA	134.93	135.03	8.11
OREGON COAST	236.04	236.06	8.11
BAKER-COPPERFIELD	1.13	1.42	8.11
BIDDLE RD. CONN. NO. 2	0.67	0.72	8.11
REVERE AVE. CONN. NO. 3	136.95	137.17	8.11
SANTIAM	0.97	1.01	8.11
THE DALLES-CALIFORNIA	135.77	135.98	8.11
THE DALLES-CALIFORNIA	137.8	138.05	8.11
BUTLER MARKET CONN. NO. 2	135.64	135.98	8.11
EMPIRE AVE. CONN. NO. 1	135.42	135.5	8.11

THE DALLES-CALIFORNIA	272.97	273.33	8.11
COLORADO AVE. CONN. NO. 5	137.94	138.05	8.11
THE DALLES-CALIFORNIA	134.75	134.93	8.11
MCKENZIE-BEND	19.76	19.91	8.11
S MEDFORD CONN. NO. 3	27.27	27.48	8.11
CRATER LAKE	0.29	0.36	8.11
MCKENZIE-BEND	19.72	19.76	8.11
CRATER LAKE	7.83	8.03	8.11
THE DALLES-CALIFORNIA	137.12	137.17	8.11
S MEDFORD CONN. NO. 3	27.19	27.21	8.11
EMPIRE AVE. CONN. NO. 2	135.45	135.77	8.11
THE DALLES-CALIFORNIA	136.24	136.73	8.11
THE DALLES-CALIFORNIA	137.32	137.53	8.11
REED MARKET RD. CONN. NO 2	139.07	139.22	8.11
CRATER LAKE	6.2	6.33	8.11
THE DALLES-CALIFORNIA	140.3	140.52	8.11
THE DALLES-CALIFORNIA	140.52	141.09	8.11
NEVADA AVE. CONN. NO. 1	273.37	273.62	8.11
REDWOOD	0.8	1.04	8.11
3RD ST. CONN. NO. 2	19.91	20.2	8.11
THE DALLES-CALIFORNIA	136.01	136.24	8.11
THE DALLES-CALIFORNIA	273.89	274.83	8.11
REVERE AVE. CONN. NO. 5	136.92	137.12	8.11
CRATER LAKE	1.59	2.17	8.11
WILLAMETTE	0.42	0.5	8.11
BIDDLE RD. CONN. NO. 1	0.62	0.81	8.11
CRATER LAKE	7.83	8.03	8.11
THE DALLES-CALIFORNIA	139.04	139.08	8.11
MCKENZIE-BEND N CONN. 1	134.93	135.14	8.11
REED MARKET RD. CONN. NO 6	138.85	139.08	8.11
THE DALLES-CALIFORNIA	137.17	137.32	8.11
THE DALLES-CALIFORNIA	138.96	139.04	8.11
MCKENZIE-BEND	19.66	19.72	8.11
CRATER LAKE	1.4	1.59	8.11
REVERE AVE. CONN. NO. 2	137.06	137.2	8.11
EMPIRE AVE. CONN. NO. 3	135.76	136.06	8.11
NE 238TH AVE. CONN. NO. 5	15.97	16.05	8.11
THE DALLES-CALIFORNIA	143.54	144.01	8.11
THE DALLES-CALIFORNIA	136.73	136.96	8.11
OREGON COAST	236.03	236.06	8.11
NEVADA AVE. CONN. NO. 4	273.62	273.81	8.11
THE DALLES-CALIFORNIA	135.23	135.76	8.11
CRATER LAKE	6.03	6.2	8.11
WILLAMETTE	0.31	0.46	8.11
S MEDFORD CONN. NO. 3	27.24	27.27	8.11
THE DALLES-CALIFORNIA	273.37	273.62	8.11
OREGON COAST	138.84	139.11	8.11
WALLOWA LAKE	0.79	0.82	8.11
COLORADO AVE. CONN. NO. 3	138.14	138.29	8.11
NORTH UMPQUA HIGHWAY EAST	124.149	124.16	8.11
THE DALLES-CALIFORNIA	273.33	273.37	8.11
THE DALLES-CALIFORNIA	136.96	137.12	8.11
EMPIRE AVE. CONN. NO. 4	135	135.23	8.11
WALLOWA LAKE	0.82	0.98	8.11
MCKENZIE-BEND N CONN. 2	135.03	135.57	8.11
DIVISION ST. CONN. NO. 2	19.7	19.76	8.11
OREGON-WASHINGTON	-1.41	-1.19	8.11
S MEDFORD CONN. NO. 3	27.21	27.24	8.11
CRATER LAKE	7.36	7.49	8.11
BAKER-COPPERFIELD	1.13	1.14	8.11
NEVADA AVE. CONN. NO. 5	273.02	273.33	8.11
LOWER BOONES FERRY RD CN 2	290.41	290.53	8.11
REDWOOD	2.56	3.07	8.11
COLORADO AVE. CONN. NO. 2	138.11	138.16	8.11
NYBERG RD. CONN. NO. 2	289.49	289.56	8.11
NEVADA AVE. CONN. NO. 2	273.72	273.89	8.11
EMPIRE AVE. CONN. NO. 2	135.76	135.77	8.11
REED MARKET RD. CONN. NO 1	139.04	139.26	8.11
NEVADA AVE. CONN. NO. 3	273.58	273.67	8.11
THE DALLES-CALIFORNIA	137.53	137.8	8.11
THE DALLES-CALIFORNIA	273.62	273.89	8.11
CRATER LAKE	5.00E-02	0.36	8.11
REVERE AVE. CONN. NO. 1	136.96	137.19	8.11
3RD ST. CONN. NO. 1	19.76	20.18	8.11
REVERE AVE. CONN. NO. 4	137.32	137.53	8.11
CHEMAWA RD. CONN. NO. 2	260.12	260.28	8.11
CRATER LAKE	2.17	2.29	8.11

THE DALLES-CALIFORNIA	135.03	135.23	8.11
THE DALLES-CALIFORNIA	135.98	136.01	8.11
DIVISION ST. CONN. NO 1	19.72	19.83	8.11
REDWOOD	3.07	3.39	8.11
PACIFIC HIGHWAY WEST	21.46	21.54	8.11
SALEM	6.65	6.77	8.11
PACIFIC HIGHWAY WEST	3.19	3.44	8.11
TUALATIN VALLEY	10.65	10.78	8.11
TUALATIN VALLEY	5.88	6.07	8.11
AIRPORT WAY CONN. NO. 3	25.18	25.35	8.11
PACIFIC HIGHWAY WEST	118.82	119.09	8.11
TUALATIN VALLEY	8.87	9.06	8.11
ALBANY-CORVALLIS	9.98	10.25	8.11
KLAMATH FALLS-MALIN	-6.34	-5.4	8.11
ALBANY-CORVALLIS	9.73	9.98	8.11
MT. HOOD	22.74	22.89	8.11
PACIFIC HIGHWAY EAST	46	46.08	8.11
PACIFIC HIGHWAY WEST	81.77	82.64	8.11
PACIFIC HIGHWAY WEST	82.64	82.83	8.11
PACIFIC HIGHWAY WEST	3.72	3.8	8.11
PACIFIC HIGHWAY EAST	4.78	5.2	8.11
PACIFIC HIGHWAY EAST	46.29	46.49	8.11
COOS BAY-ROSEBURG CONN 2	76.22	76.3	8.11
TUALATIN VALLEY	10.26	10.39	8.11
TUALATIN VALLEY	10.39	10.62	8.11
ALBANY-CORVALLIS	10.29	10.44	8.11
MT. HOOD	22.89	22.98	8.11
PACIFIC HIGHWAY WEST	3.44	3.72	8.11
PACIFIC HIGHWAY WEST	3.05	3.19	8.11
COOS BAY-ROSEBURG	76.53	76.92	8.11
KLAMATH FALLS-MALIN	-5.4	-5.22	8.11
ALBANY-JUNCTION CITY	2.11	2.25	8.11
PACIFIC HIGHWAY EAST	46.14	46.17	8.11
PACIFIC HIGHWAY EAST	2.14	2.21	8.11
ROGUE RIVER	1.14E-13	0.18	8.11
PACIFIC HIGHWAY EAST	6.47	6.57	8.11
E. MCMINNVILLE CONN. NO. 1	46.7	46.76	8.11
TUALATIN VALLEY	9.73	9.76	8.11
KLAMATH FALLS-MALIN	-3.93	-3.74	8.11
SALMON RIVER	46.23	46.37	8.11
PACIFIC HIGHWAY EAST	31.35	31.7	8.11
TUALATIN VALLEY	5.59	5.61	8.11
MT. HOOD	24.92	25.12	8.11
TUALATIN VALLEY	9.33	9.73	8.11
PACIFIC HIGHWAY EAST	21.86	22.73	8.11
TUALATIN VALLEY	10.01	10.11	8.11
ROGUE VALLEY	8.13	8.22	8.11
COOS BAY-ROSEBURG	76.53	76.87	8.11
TUALATIN VALLEY	7.54	7.62	8.11
COOS BAY-ROSEBURG	76.43	76.53	8.11
TUALATIN VALLEY	6.73	6.99	8.11
CASCADE HWY NORTH	6.00E-02	0.26	8.11
ALBANY-JUNCTION CITY	2.03	2.11	8.11
TUALATIN VALLEY	11.11	11.28	8.11
TUALATIN VALLEY	6.07	6.26	8.11
COOS BAY-ROSEBURG	74.91	75.07	8.11
PACIFIC HIGHWAY WEST	81.42	81.77	8.11
TUALATIN VALLEY	10.11	10.26	8.11
TUALATIN VALLEY	10.96	11.11	8.11
TUALATIN VALLEY	9.06	9.33	8.11
ALBANY-CORVALLIS	10.25	10.29	8.11
ALBANY-CORVALLIS	10.99	11.19	8.11
COOS BAY-ROSEBURG	74.77	74.91	8.11
PACIFIC HIGHWAY EAST	46.17	46.23	8.11
AIRPORT WAY CONN. NO. 3	25.58	25.79	8.11
NE PORTLAND HWY CONN. NO 1	0.34	0.4	8.11
PACIFIC HIGHWAY EAST	46.14	46.14252692	8.11
AIRPORT WAY CONN. NO. 3	25.51	25.58	8.11
TUALATIN VALLEY	10.62	10.65	8.11
MCMINNVILLE SPUR	46.36158535	46.37	8.11
PENDLETON	1.96	2.08	8.11
TUALATIN VALLEY	5.61	5.84	8.11
CASCADE HWY NORTH	8.00E-02	0.33	8.11
ROGUE VALLEY	8.22	8.35	8.11
TUALATIN VALLEY	8.69	8.81	8.11
PACIFIC HIGHWAY EAST	5.2	5.23	8.11
TUALATIN VALLEY	9.86	10.01	8.11

PACIFIC HIGHWAY EAST	46.23	46.29	8.11
VANCOUVER AVE. CONN. NO. 6	4.88	4.99	8.11
TUALATIN VALLEY	10.78	10.96	8.11
TUALATIN VALLEY	0.15	0.22	8.11
ALBANY-CORVALLIS	11.1	11.28	8.11
MT. HOOD	25.12	25.28	8.11
TUALATIN VALLEY	5.84	5.88	8.11
TUALATIN VALLEY	8.81	8.87	8.11
82ND DRIVE CONNECTION	9.88	10.11	8.11
KLAMATH FALLS-MALIN	-2.89	-2.38	8.11
COOS BAY-ROSEBURG	75.42	75.53	8.11
MT. HOOD	22.18	22.74	8.11
TUALATIN VALLEY	8.87	9.06	8.11
ALBANY-JUNCTION CITY	2.25	2.51	8.11
AIRPORT WAY CONN. NO. 3	25.07	25.18	8.11
PACIFIC HIGHWAY WEST	80.95	81.19	8.11
COOS BAY-ROSEBURG	76.22	76.43	8.11
PACIFIC HIGHWAY WEST	119.09	119.44	8.11
PACIFIC HIGHWAY WEST	81.19	81.42	8.11
PACIFIC HIGHWAY EAST	21.8	21.86	8.11
PACIFIC HIGHWAY EAST	46.08	46.14	8.11
ENOCH COURT FRONTAGE RD	4.34	4.56	8.11
KLAMATH FALLS-MALIN	-2.98	-2.89	8.11
ROGUE VALLEY	8.35	8.4	8.11
TUALATIN VALLEY	9.76	9.86	8.11
ROGUE RIVER	0.18	0.26	8.11
TUALATIN VALLEY	8.81	8.87	8.11
CASCADE HWY NORTH	9.94	10.18	8.11
SALMON RIVER	46.37	46.69	8.11
ALBANY-CORVALLIS	10.29	10.45	8.11
COOS BAY-ROSEBURG	75.53	75.62	8.11
NORTH UMPQUA HIGHWAY EAST	-1.13	-0.94	8.11
LOWER COLUMBIA RIVER	29.2	29.42	8.11
LOWER COLUMBIA RIVER	27.15	27.41	8.11
NORTHEAST PORTLAND	7.61	7.76	8.11
NORTHEAST PORTLAND	8.19	8.41	8.11
NORTH UMPQUA HIGHWAY EAST	-0.94	-0.84	8.11
LOWER COLUMBIA RIVER	27.88	28.18	8.11
NORTHEAST PORTLAND	7.33	7.44	8.11
CASCADE HWY SOUTH	2.78	2.95	8.11
NORTHEAST PORTLAND	8.78	8.92	8.11
LOWER COLUMBIA RIVER	27.69	27.78	8.11
LOWER COLUMBIA RIVER	3.14	3.32	8.11
COBURG RD. CONN. NO. 1	1.94	2.1	8.11
MCMINNVILLE SPUR	46.47667636	46.48	8.11
NORTH UMPQUA HIGHWAY EAST	-0.16	1.14E-13	8.11
NORTHEAST PORTLAND	7.44	7.55	8.11
NORTH UMPQUA HIGHWAY EAST	-0.2	-0.16	8.11
NORTHEAST PORTLAND	7.04	7.33	8.11
CLACKAMAS	4.9	5.15	8.11
NORTH UMPQUA HIGHWAY EAST	-0.24	-0.2	8.11
CASCADE HWY SOUTH	2.95	2.98	8.11
CLACKAMAS	5.15	5.22	8.11
LOWER COLUMBIA RIVER	27.78	27.88	8.11
LOWER COLUMBIA RIVER	3.12	3.14	8.11
CLACKAMAS	4.89	4.99	8.11
NORTHEAST PORTLAND	7.76	7.9	8.11
NORTHEAST PORTLAND	7.59	7.61	8.11
MCMINNVILLE SPUR	45.7	45.70476522	8.11
REDWOOD SPUR	0.72	0.86	8.11
NORTH UMPQUA HIGHWAY EAST	0.256564275	0.26	8.11
NORTHEAST PORTLAND	10.45	10.62	8.11
OLDS FERRY-ONTARIO	27.26	27.77	8.11
NORTHEAST PORTLAND	7.55	7.59	8.11
STEPHENS ST. CONN.	1.14E-13	0.1	8.11
CLACKAMAS	5.03	5.05	8.11
LOWER COLUMBIA RIVER	27.41	27.59	8.11
MCKENZIE HWY CONN.	9.86	10.02	8.11
NORTHEAST PORTLAND	6.73	7.04	8.11
LOWER COLUMBIA RIVER	28.25	28.37	8.11
SALMON RIVER	46.11	46.117	8.11
CASCADE HWY SOUTH	2.98	3.01	8.11
LANCASTER DRIVE CONN. NO 2	1.85	1.96	8.11
NORTHEAST PORTLAND	11.01	11.03	8.11
CLACKAMAS	6.94	7.23	8.11
E. MCMINNVILLE FRONTAGE RD	47.16	47.2	8.11
CASCADE HWY NORTH CONN.	10.45	10.62	8.11

NORTHEAST PORTLAND	10.91	11.01	8.11
LOWER COLUMBIA RIVER	3.08	3.12	8.11
LAKE OF THE WOODS	1.14E-13	9.00E-02	8.11
LOWER COLUMBIA RIVER	27.59	27.69	8.11
LOWER COLUMBIA RIVER	19.76	19.89	8.11
LOWER COLUMBIA RIVER	29.1	29.2	8.11
NORTH UMPQUA HIGHWAY EAST	-0.20431264	-0.2	8.11
NORTHEAST PORTLAND	7.9	8.13	8.11
LOWER COLUMBIA RIVER	2.83	3.08	8.11
REDWOOD SPUR	0.24	0.72	8.11
CLACKAMAS	4.91	5.05	8.11
WOODBURN-ESTACADA	1.14E-13	8.00E-02	8.11
CLACKAMAS	4.99	5.03	8.11
LOWER COLUMBIA RIVER	29.5	30.17	8.11
CLACKAMAS	5.05	5.18	8.11
NORTHEAST PORTLAND	8.13	8.19	8.11
LOWER COLUMBIA RIVER	28.94	29.1	8.11
LOWER COLUMBIA RIVER	29.42	29.5	8.11
CASCADE HWY SOUTH	3.01	3.59	8.11
WEBSTER RD. CONN. NO. 1	4.88	4.92	8.11
REDWOOD SPUR	0.72	0.86	8.11
MCMINNVILLE SPUR	46.11	46.48	8.11
LOWER COLUMBIA RIVER	3.32	3.35	8.11
NORTH UMPQUA HIGHWAY EAST	-1.09	-0.84	8.11
CENTRAL OREGON	2.8	3.56	8.08
PACIFIC HIGHWAY EAST	-5.91	-5.76	8.08
MARINE DRIVE CONN. NO. 3	5.76	5.84	8.08
WEST FRONTAGE RD.	-5.86	-5.78	8.08
BELTLINE	2.83	3.1	8.08
MARINE DRIVE CONN. NO. 4	5.76	5.91	8.08
CLACKAMAS	7.93	8.05	8.08
CLACKAMAS	7.76	7.93	8.08
THE DALLES-CALIFORNIA	120.98	121.18	8.03
THE DALLES-CALIFORNIA	120.94	120.98	8.03
PARK PLACE FRONTAGE RD.	10.1	10.18	8.03
ROGUE VALLEY	1.41	1.64	8.03
PARK PLACE FRONTAGE RD.	10.18	10.21	8.03
CASCADE HWY SOUTH	1.14E-13	0.14	8.03
OSWEGO	11.32	11.35	7.96
OSWEGO	11.35	11.36	7.96
ROSS ISLAND CONN. NO. 3	1.00E-02	0.21	7.96
PACIFIC HIGHWAY EAST	13.44	13.49	7.96
ROGUE VALLEY	22.05	22.4	7.96
MT. HOOD	1.14E-13	1.00E-02	7.96
PACIFIC HIGHWAY EAST	13.6	13.7	7.96
GOSHEN-DIVIDE	15.15	15.22	7.96
BEAVERTON-TUALATIN	4.33	4.41	7.96
GOSHEN-DIVIDE	15.22	15.3	7.96
NETARTS	7.85	8.62	7.96
FORT STEVENS	3.54	3.62	7.96
BEAVERTON-TUALATIN	4.09	4.25	7.96
SALEM-DAYTON	0.19	0.28	7.96
GOSHEN-DIVIDE	15.3	15.36	7.96
BEAVERTON-TUALATIN	4.25	4.33	7.96
WILLAMINA-SHERIDAN	6.75	6.84	7.96
WILLAMINA-SHERIDAN	7.6	8.16	7.96
BEAVERTON-TUALATIN	3.66	3.76	7.96
BEAVERTON-TUALATIN	3.58	3.66	7.96
BEAVERTON-TUALATIN	5.6	5.8	7.96
KELLY AVENUE FRONTAGE RD.	1.42	1.46	7.96
HILLSBORO-SILVERTON	19.22	19.28	7.96
BEAVERTON-TUALATIN	3.76	3.84	7.96
WILLAMINA-SHERIDAN	7.54	7.6	7.96
GOSHEN-DIVIDE	15.17	15.22	7.96
BEAVERTON-TUALATIN	4.69	4.77	7.96
BEAVERTON-TUALATIN	4.46	4.69	7.96
HILLSBORO-SILVERTON	19.28	19.33	7.96
FORT STEVENS	3.62	3.72	7.96
HILLSBORO-SILVERTON	19.09	19.16	7.96
HILLSBORO-SILVERTON	39.44	39.73	7.96
HISTORIC COLUMBIA RIVER	0.11	0.65	7.96
WILLAMINA-SHERIDAN	6.84	6.89	7.96
HILLSBORO-SILVERTON	19.02	19.09	7.96
BEAVERTON-TUALATIN	3.48	3.58	7.96
WILLAMINA-SHERIDAN	6.89	7	7.96
SALEM-DAYTON	0.61	0.84	7.96
HILLSBORO-SILVERTON	19.16	19.22	7.96

HILLSBORO-SILVERTON	39.34	39.44	7.96
N. PHOENIX CONN. NO. 2	24.03	24.09	7.92
OREGON COAST	238.96	239.08	7.92
OREGON COAST	239	239.08	7.92
OREGON COAST	237.78	238.01	7.92
OREGON COAST	239.08	239.11	7.92
N. PHOENIX CONN. NO. 2	24.14	24.146	7.92
SANTIAM	27.53	27.72	7.92
OREGON COAST	117.46	117.61	7.92
OREGON COAST	112.92	113.02	7.92
SANTIAM	27.72	27.79	7.92
SANTIAM	13.7	13.73	7.92
BAKER-COPPERFIELD	0.12	0.13	7.92
REDWOOD	-0.28	2.00E-02	7.92
SANTIAM	13.6	13.75	7.92
OREGON COAST	113.66	113.82	7.92
SANTIAM	27.53	27.72	7.92
OREGON COAST	235.09	235.13	7.92
OREGON COAST	235.13	235.22	7.92
BAKER-COPPERFIELD	0.13	0.18	7.92
N PHOENIX CONN. NO. 11	24.095	24.1	7.92
SANTIAM	27.17	27.25	7.92
N PHOENIX CONN. NO. 11	24.14	24.22	7.92
OREGON-WASHINGTON	30.62	30.68	7.92
OREGON-WASHINGTON	30.63	30.68	7.92
OREGON COAST	235.51	235.53	7.92
N. PHOENIX CONN. NO. 2	24.04	24.1	7.92
SANTIAM	27.25	27.35	7.92
REDWOOD	2.00E-02	0.12	7.92
SANTIAM	13.59	13.6	7.92
SANTIAM	27.25	27.35	7.92
OREGON COAST	190.03	190.16	7.92
MT. HOOD	24.58	24.63	7.92
ROGUE VALLEY	19	19.02	7.92
PACIFIC HIGHWAY WEST	84.31	84.33	7.92
PACIFIC HIGHWAY WEST	37.06	37.12	7.92
PENDLETON	3.8	3.82	7.92
MT. HOOD	23.87	23.96	7.92
ROGUE VALLEY	19	19.03	7.92
PENDLETON	3.78	3.8	7.92
ROGUE VALLEY	11.11	11.15	7.92
PACIFIC HIGHWAY WEST	37.06	37.12	7.92
PACIFIC HIGHWAY WEST	23.96	24.06	7.92
COOS BAY-ROSEBURG	73.32	73.37	7.92
COOS BAY-ROSEBURG	73.31	73.32	7.92
UMATILLA-STANFIELD	10.78	10.9	7.92
UMATILLA-STANFIELD	5.67	5.87	7.92
MT. HOOD	23.87	23.97	7.92
PACIFIC HIGHWAY WEST	84.25	84.28	7.92
ROGUE VALLEY	11.15	11.25	7.92
UMATILLA-STANFIELD	5.59	5.67	7.92
ROGUE VALLEY	18.93	19	7.92
PACIFIC HIGHWAY WEST	23.86	23.89	7.92
ROGUE RIVER	1.14E-13	0.1	7.92
COOS BAY-ROSEBURG	73.37	73.47	7.92
PACIFIC HIGHWAY WEST	37	37.06	7.92
ROGUE VALLEY	11.25	11.36	7.92
COOS BAY-ROSEBURG	73.18	73.31	7.92
PACIFIC HIGHWAY WEST	23.93	23.96	7.92
PENDLETON	3.77	3.8	7.92
ROGUE VALLEY	11.36	11.37	7.92
PACIFIC HIGHWAY WEST	24.06	24.13	7.92
MT. HOOD	24.57	24.61	7.92
HILLSBORO-SILVERTON	37.02	37.14	7.92
HILLSBORO-SILVERTON	36.83	36.838	7.92
REDWOOD HWY CONN. NO. 1	0.13	0.15	7.92
JACKSONVILLE	0.19	0.22	7.92
NORTH UMPQUA HIGHWAY EAST	-0.67	-0.65	7.92
JACKSONVILLE	0.13	0.19	7.92
LOWER COLUMBIA RIVER	98.41	98.46	7.92
HILLSBORO-SILVERTON	36.95	37.02	7.92
HILLSBORO-SILVERTON	36.86	36.89	7.92
NORTH UMPQUA HIGHWAY EAST	-0.31	-0.23	7.92
GOSHEN-DIVIDE	14.1	14.12	7.92
HERMISTON	7.05	7.14	7.92
HILLSBORO-SILVERTON	37.27	37.54	7.92
HILLSBORO-SILVERTON	37.14	37.27	7.92

PINE ST. CONN. NO. 2	0.23	0.24	7.92
HILLSBORO-SILVERTON	36.83	36.86	7.92
GOSHEN-DIVIDE	14.15	14.21	7.92
NORTH UMPQUA HIGHWAY EAST	-0.57	-0.56	7.92
NORTH UMPQUA HIGHWAY EAST	-0.8	-0.78	7.92
LOWER COLUMBIA RIVER	98.38	98.41	7.92
NORTH UMPQUA HIGHWAY EAST	-0.78	-0.75	7.92
JACKSONVILLE	0.19	0.26	7.92
NORTH UMPQUA HIGHWAY EAST	-0.75	-0.67	7.92
HILLSBORO-SILVERTON	36.89	36.95	7.92
LOWER COLUMBIA RIVER	98.44	98.45	7.92
W. 1ST STREET CONN.	24.06	24.1	7.92
OREGON COAST	190.77	190.81	7.89
UMATILLA-STANFIELD	11.28	11.4	7.89
UMATILLA-STANFIELD	11.27	11.28	7.89
COLUMBIA RIVER	185.71	186.36	7.87
WILSONVILLE CONN. NO. 2	283.84	283.93	7.87
SUNNYBROOK RD. CONN. NO. 2	14.28	14.35	7.87
CEDAR HILLS BLVD CONN NO 2	68.38	68.45	7.87
SE MARKET ST. CONN.	20.02	20.12	7.87
STARK-WASHINGTON ST CONN 3	20.54	20.61	7.87
SE OTTY RD CONN NO 1	15.84	15.92	7.87
SUNNYSIDE RD. CONN. NO. 1	14.53	14.65	7.87
CORNELL RD. CONN. NO. 3	65.89	65.98	7.87
GREENBURG RD. CONN. NO. 2	4.9	4.99	7.87
NORTHEAST PORTLAND	5.38	5.42	7.87
ALLEN BLVD. CONN. NO. 2	2.47	2.54	7.87
NORTHEAST PORTLAND	5.3	5.36	7.87
SCHOLLS	9.38	9.44	7.87
NORTHEAST PORTLAND	5.36	5.38	7.87
OSWEGO	10.3	10.35	7.82
OSWEGO	10.71	10.76	7.82
OSWEGO	10.92	10.99	7.82
MCKENZIE	1.69	1.75	7.82
MCKENZIE	1.57	1.63	7.82
OSWEGO	10.84	10.92	7.82
MCKENZIE	1.63	1.7	7.82
MCKENZIE	1.57	1.63	7.82
OREGON COAST	21	21.05	7.82
MCKENZIE	1.53	1.57	7.82
MCKENZIE	1.89	1.96	7.82
OSWEGO	10.76	10.8	7.82
MCKENZIE	1.96	2.04	7.82
MCKENZIE	1.75	1.82	7.82
OSWEGO	10.8	10.84	7.82
MCKENZIE	1.82	1.89	7.82
MCKENZIE	2.04	2.1	7.82
OREGON COAST	20.95	21	7.82
OSWEGO	10.18	10.3	7.82
TUALATIN VALLEY	16.06	16.13	7.82
SALEM	5.43	5.52	7.82
CORVALLIS-NEWPORT	50.36	50.43	7.82
CORVALLIS-NEWPORT	50.5	50.58	7.82
CORVALLIS-NEWPORT	50.43	50.5	7.82
TUALATIN VALLEY	16.13	16.28	7.82
TUALATIN VALLEY	13.36	13.58	7.82
CORVALLIS-NEWPORT	50.58	50.65	7.82
SPRINGFIELD	1.37	1.4	7.82
NORTHEAST PORTLAND	12.16	12.25	7.82
INDEPENDENCE	6.23	6.29	7.82
FARMINGTON	6.62	6.66	7.82
SPRINGFIELD	1.37	1.4	7.82
SPRINGFIELD	1.31	1.37	7.82
SPRINGFIELD	1.31	1.37	7.82
NORTHEAST PORTLAND	12.25	12.31	7.82
OSWEGO	7.75	7.91	7.73
OSWEGO	0.69	0.81	7.73
CASCADE HWY NORTH	1.8	1.85	7.73
TUALATIN VALLEY	0.3	0.38	7.73
MT. HOOD	2.02	2.07	7.73
MT. HOOD	4.17	4.22	7.73
CASCADE HWY NORTH	8.91	9	7.73
MT. HOOD	1.97	2.02	7.73
MT. HOOD	5.49	5.59	7.73
PACIFIC HIGHWAY EAST	11.88	11.94	7.73
HAINES RD. CONN. NO. 3	293.32	293.33	7.68
HAINES RD. CONN. NO. 3	293.3	293.32	7.68

HAINES RD. CONN. NO. 1	293.19	293.32	7.68
WILSON RIVER	0.37	0.43	7.68
WILSON RIVER	0.18	0.25	7.68
WILSON RIVER	0.28	0.29	7.68
WILSON RIVER	0.33	0.37	7.68
WILSON RIVER	0.29	0.33	7.68
ALLEN BLVD. CONN. NO. 2	2.28	2.46	7.68
OREGON-WASHINGTON	32.64	32.74	7.64
E HOOD RIVER CONN. NO. 2	64.42	64.48	7.64
OREGON COAST	105.55	105.64	7.64
GREEN SPRINGS	58.86	58.94	7.64
OREGON COAST	240.38	240.71	7.64
OREGON COAST	105.51	105.55	7.64
OREGON COAST	241.49	241.5	7.64
GREEN SPRINGS	58.94	58.97	7.64
COLUMBIA RIVER	184.25	184.29	7.64
OREGON COAST	240.31	240.37	7.64
OREGON-WASHINGTON	32.14	32.39	7.64
SANTIAM	16.92	17.01	7.64
OREGON COAST	17.48	17.49	7.64
COLUMBIA RIVER	184.17	184.25	7.64
OREGON-WASHINGTON	32.39	32.64	7.64
OREGON COAST	359.66	359.94	7.64
REDWOOD	5.79	6.14	7.64
OREGON-WASHINGTON	31.92	32.14	7.64
SANTIAM	17.88	18.03	7.64
GREEN SPRINGS HWY CONN.	59.01	59.05	7.64
OREGON COAST	359.21	359.28	7.64
OREGON COAST	359.11	359.21	7.64
OREGON COAST	237.6	237.77	7.64
SANTIAM	17.01	17.18	7.64
OREGON COAST	240.37	240.38	7.64
OREGON COAST	359.99	360.4	7.64
SANTIAM	16.22	16.46	7.64
GREEN SPRINGS	58.97	58.99	7.64
OREGON COAST	192.15	192.28	7.64
THE DALLES-CALIFORNIA	120.08	120.1	7.64
OREGON COAST	358.8	358.94	7.64
OREGON COAST	358.94	359.11	7.64
OREGON COAST	359.34	359.56	7.64
GREEN SPRINGS	58.99	59.01	7.64
COLUMBIA RIVER	184.29	184.32	7.64
OREGON COAST	359.29	359.32	7.64
OREGON COAST	241.78	241.96	7.64
SANTIAM	16.46	16.92	7.64
SANTIAM	24.16	24.46	7.64
OREGON COAST	9.48	9.54	7.64
SANTIAM	18.03	18.06	7.64
OREGON COAST	358.76	358.8	7.64
REDWOOD	5.5	5.76	7.64
OREGON COAST	360.91	361.16	7.64
OREGON COAST	120.02	120.48	7.64
SANTIAM	24.46	24.5	7.64
SANTIAM	18.06	18.67	7.64
REDWOOD	5.76	5.79	7.64
THE DALLES-CALIFORNIA	277.33	277.37	7.64
OREGON COAST	360.4	360.48	7.64
OREGON COAST	359.94	359.99	7.64
OTIS JCT. FRONTAGE RD. #2	105.54	105.55	7.64
OREGON COAST	359.28	359.29	7.64
THE DALLES-CALIFORNIA	277.36	277.37	7.64
THE DALLES-CALIFORNIA	277.37	277.47	7.64
OREGON COAST	237.6	237.8	7.64
OREGON COAST	359.56	359.66	7.64
SANTIAM	24.5	25.91	7.64
OREGON COAST	240.38	240.71	7.64
OREGON COAST	119.12	120.02	7.64
OREGON COAST	241.49	241.78	7.64
THE DALLES-CALIFORNIA	119.43	120.08	7.64
OREGON COAST	241.29	241.49	7.64
PACIFIC HIGHWAY WEST	35.14	35.18	7.64
UMATILLA-STANFIELD	3.02	3.28	7.64
MT. HOOD	26.1	26.14	7.64
PACIFIC HIGHWAY WEST	19.33	19.44	7.64
UMATILLA-STANFIELD	7.45	7.77	7.64
UMATILLA-STANFIELD	0.97	1.75	7.64
MT. HOOD	26.14	26.33	7.64

PACIFIC HIGHWAY WEST	35.17	35.19	7.64
PACIFIC HIGHWAY WEST	35.13398484	35.14	7.64
MT. HOOD	25.56	26.1	7.64
UMATILLA-STANFIELD	7.78	8.08	7.64
PACIFIC HIGHWAY WEST	34.03	34.22	7.64
UMATILLA-STANFIELD	2.3	2.41	7.64
UMATILLA-STANFIELD	7.77	7.78	7.64
CORVALLIS-LEBANON HWY CONN	7.9	8.17	7.64
UMATILLA-STANFIELD	12.01	12.07	7.64
PACIFIC HIGHWAY WEST	24.49	24.56	7.64
UMATILLA-STANFIELD	2.51	2.62	7.64
J. JARL FRONTAGE RD. CONNS	22.12	22.19	7.64
UMATILLA-STANFIELD	2.77	3.02	7.64
J. JARL FRONTAGE RD. CONNS	22.19	22.21	7.64
PACIFIC HIGHWAY WEST	19.55	19.84	7.64
UMATILLA-STANFIELD	4.27	4.33	7.64
UMATILLA-STANFIELD	2.62	2.77	7.64
MT. HOOD	22.15	22.18	7.64
PACIFIC HIGHWAY WEST	35.1	35.14	7.64
UMATILLA-STANFIELD	2.01	2.1	7.64
PACIFIC HIGHWAY WEST	33.84	34.02	7.64
UMATILLA-STANFIELD	0.58	0.7	7.64
PACIFIC HIGHWAY WEST	19.84	19.86	7.64
UMATILLA-STANFIELD	2.1	2.17	7.64
PACIFIC HIGHWAY WEST	35.17	35.19	7.64
PACIFIC HIGHWAY WEST	34.02	34.03	7.64
UMATILLA-STANFIELD	4.16	4.26	7.64
WILLAMINA-SALEM	20.84	21.19	7.64
UMATILLA-STANFIELD	4.26	4.27	7.64
UMATILLA-STANFIELD	2.41	2.51	7.64
UMATILLA-STANFIELD	2.17	2.3	7.64
UMATILLA-STANFIELD	4.15	4.16	7.64
UMATILLA-STANFIELD	0.7	0.83	7.64
UMATILLA-STANFIELD	0.83	0.97	7.64
LOWER COLUMBIA RIVER	23.81	23.83	7.64
BURLINGTON CONN. NO. 1	12.45	12.5	7.64
LOWER COLUMBIA RIVER	18.91	19.02	7.64
LOWER COLUMBIA RIVER	19.04	19.05	7.64
LOWER COLUMBIA RIVER	12.66	12.69	7.64
LOWER COLUMBIA RIVER	12.87	13.03	7.64
LOWER COLUMBIA RIVER	18.85	18.88	7.64
LOWER COLUMBIA RIVER	18.88	18.91	7.64
CORVALLIS-LEBANON	7.71	9.16	7.64
LOWER COLUMBIA RIVER	23.69	23.81	7.64
LOWER COLUMBIA RIVER	18.37	18.53	7.64
LOWER COLUMBIA RIVER	12.45	12.59	7.64
BURLINGTON CONN. NO. 3	12.69	12.73	7.64
LOWER COLUMBIA RIVER	13.12	13.22	7.64
LOWER COLUMBIA RIVER	26.7	26.96	7.64
LOWER COLUMBIA RIVER	18.56	18.61	7.64
LOWER COLUMBIA RIVER	23.37	23.69	7.64
CLACKAMAS-BORING	8.62	8.87	7.64
LOWER COLUMBIA RIVER	19.02	19.04	7.64
LOWER COLUMBIA RIVER	23.83	24.11	7.64
LOWER COLUMBIA RIVER	13.03	13.12	7.64
OLDS FERRY-ONTARIO	30.06	30.31	7.64
LOWER COLUMBIA RIVER	18.82	18.85	7.64
FORT STEVENS	6.01	6.03	7.64
BURLINGTON CONN. NO. 2	12.66	12.69	7.64
LOWER COLUMBIA RIVER	18.61	18.82	7.64
LOWER COLUMBIA RIVER	12.69	12.87	7.64
SUNNYSIDE-UMAPINE	7.8	7.93	7.64
SILETZ	-0.21	-0.19	7.64
LOWER COLUMBIA RIVER	19.05	19.08	7.64
OLDS FERRY-ONTARIO	29.91	30.06	7.64
LOWER COLUMBIA RIVER	26.64	26.7	7.64
LOWER COLUMBIA RIVER	18.53	18.56	7.64
OLDS FERRY-ONTARIO	29.9	29.91	7.64
LOWER COLUMBIA RIVER	21.87	21.89	7.64
BURLINGTON CONN. NO. 4	12.87	12.88	7.64
LOWER COLUMBIA RIVER	11.65	12.45	7.64
LOWER COLUMBIA RIVER	12.59	12.66	7.64
CORVALLIS-LEBANON	7.7	7.71	7.64
LOWER COLUMBIA RIVER	26.36	26.64	7.64
OSWEGO	8.00E-02	8.40E-02	7.56
MCKENZIE	-0.32	1.14E-13	7.56
OSWEGO	0.31	0.37	7.56

OSWEGO	2.927025855	2.93	7.56
TROUTDALE CONN. NO. 4	17.33	17.43	7.56
SELLWOOD BRIDGE CONN. NO 5	2.74	2.93	7.56
OSWEGO	0.37	0.47	7.56
ROSS ISLAND BRIDGE CONN. 5	0.077	8.00E-02	7.56
OSWEGO	1.14E-13	8.00E-02	7.56
COLUMBIA RIVER	183.66	183.88	7.56
OSWEGO	2.53	2.89	7.56
ROSS ISLAND BRIDGE CONN. 5	8.00E-02	0.16	7.56
MCKENZIE-BEND	17.91	18.16	7.56
ROSS ISLAND BRIDGE CONN. 3	0.6	0.63	7.56
SELLWOOD BRIDGE CONN. NO 4	2.89	3.06	7.56
SELLWOOD BRIDGE CONN. NO 5	2.53	2.533	7.56
PACIFIC HIGHWAY WEST	1.7	1.71	7.56
CORNELL RD. CONN. NO. 2	65.68	65.75	7.56
ROSS ISLAND CONN. NO. 1	0.45	0.63	7.56
PACIFIC HIGHWAY WEST	14.67	15	7.56
PACIFIC HIGHWAY WEST	4.21	4.22	7.56
PACIFIC HIGHWAY WEST	123.23	123.3	7.56
PACIFIC HIGHWAY WEST	15.35	15.56	7.56
ROSS ISLAND CONN. NO. 2	0.217112266	0.22	7.56
MT. HOOD	0.21	0.22	7.56
PACIFIC HIGHWAY EAST	2.73	3.07	7.56
E. BEAVERTON CONN. NO. 2	2.94	2.97	7.56
PARK PLACE FRONTAGE RD.	10.31	10.37	7.56
TUALATIN VALLEY	17.03	17.35	7.56
TUALATIN VALLEY	2.85	2.94	7.56
PACIFIC HIGHWAY WEST	15.16	15.35	7.56
PACIFIC HIGHWAY WEST	125.51	126.02	7.56
PACIFIC HIGHWAY EAST	5.23	5.52	7.56
TUALATIN VALLEY	18.02	18.26	7.56
MT. HOOD	1.00E-02	0.25	7.56
PACIFIC HIGHWAY WEST	121.86	122.12	7.56
TUALATIN VALLEY	17.91	18.02	7.56
PACIFIC HIGHWAY WEST	125.48	125.51	7.56
CORNELL RD. CONN. NO. 6	64.98	65.25	7.56
PACIFIC HIGHWAY WEST	15.35	15.95	7.56
TUALATIN VALLEY	5.00E-02	0.15	7.56
PACIFIC HIGHWAY WEST	1.43	1.72	7.56
PACIFIC HIGHWAY EAST	1.45	1.47	7.56
BEAVERTON CONN. NO. 2	1.35	1.36	7.56
PACIFIC HIGHWAY EAST	3.74	4.34	7.56
SYLVAN CONN. NO. 6	71.48	71.7	7.56
TUALATIN VALLEY	-0.22	5.00E-02	7.56
PACIFIC HIGHWAY EAST	2.03	2.14	7.56
PACIFIC HIGHWAY WEST	15.13	15.16	7.56
TACOMA ST INTERCHG CONN 1	4.44	4.51	7.56
SYLVAN CONN. NO. 6	71.7	71.97	7.56
PACIFIC HIGHWAY WEST	121.87	122.19	7.56
PACIFIC HIGHWAY EAST	4.34	4.44	7.56
PACIFIC HIGHWAY EAST	4.59	4.75	7.56
PACIFIC HIGHWAY WEST	4.18	4.21	7.56
PACIFIC HIGHWAY WEST	15	15.35	7.56
PACIFIC HIGHWAY EAST	1.55	1.61	7.56
TUALATIN VALLEY	2.85	2.94	7.56
PACIFIC HIGHWAY WEST	125.94	126.37	7.56
MT. HOOD	0.16	0.21	7.56
PACIFIC HIGHWAY WEST	125.48	125.81	7.56
PACIFIC HIGHWAY WEST	14.99	15	7.56
PACIFIC HIGHWAY EAST	1.61	1.72	7.56
PACIFIC HIGHWAY WEST	4.21	4.22	7.56
PACIFIC HIGHWAY WEST	4.08	4.21	7.56
PACIFIC HIGHWAY WEST	15	15.13	7.56
MT. HOOD	0.22	0.227	7.56
ROSS ISLAND CONN. NO. 2	0.22	0.32	7.56
SYLVAN INTCHGE. CONN. NO.1	0.15	0.23	7.56
PACIFIC HIGHWAY WEST	14.68	14.99	7.56
PACIFIC HIGHWAY WEST	1.24	1.7	7.56
NORTHEAST PORTLAND	13.04	13.25	7.56
EDY RD. FRONTAGE RD.	15.35	15.36	7.56
NORTHEAST PORTLAND	12.51	12.57	7.56
MT. HOOD HWY CONN.	1.7	1.87	7.56
NEHALEM	88.92	88.93	7.56
NEHALEM	88.91	88.92	7.56
NORTHEAST PORTLAND	14.52	14.76	7.56
SHERWOOD' CONN. NO. 1	15.1	15.13	7.56
NORTHEAST PORTLAND	12.89	13.04	7.56

NORTHEAST PORTLAND	14.3	14.52	7.56
NORTHEAST PORTLAND	14.01	14.12	7.56
NORTHEAST PORTLAND	13.36	13.76	7.56
FARMINGTON	6.72	6.98	7.56
122ND BLVD. CONN.	12.51	12.58	7.56
NEHALEM	88.83	88.91	7.56
NORTHEAST PORTLAND	12.65	12.89	7.56
NORTHEAST PORTLAND	13.76	13.8	7.56
EDY RD. FRONTAGE RD.	15.36	15.44	7.56
NORTHEAST PORTLAND	12.57	12.65	7.56
NORTHEAST PORTLAND	13.8	13.89	7.56
NORTHEAST PORTLAND	14.12	14.2	7.56
PACIFIC HIGHWAY EAST	0.443	0.447	7.56
NORTHEAST PORTLAND	13.25	13.36	7.56
OREGON COAST	114.06	114.09	7.54
OREGON COAST	114.16	114.25	7.54
OREGON COAST	114.33	114.38	7.54
OREGON COAST	114.38	114.43	7.54
OREGON COAST	114.02	114.06	7.54
OSWEGO	6.13	6.14	7.54
OSWEGO	6.43	6.56	7.54
OREGON COAST	114.43	114.47	7.54
OSWEGO	6.04	6.13	7.54
OREGON COAST	114.25	114.33	7.54
OSWEGO	6.56	6.62	7.54
OSWEGO	6.62	6.67	7.54
OREGON COAST	114.09	114.16	7.54
PACIFIC HIGHWAY EAST	12.26	12.33	7.54
TUALATIN VALLEY	12.53	12.6	7.54
TUALATIN VALLEY	13.29	13.36	7.54
TUALATIN VALLEY	13.13	13.21	7.54
PACIFIC HIGHWAY EAST	5.77	5.83	7.54
TUALATIN VALLEY	13.21	13.29	7.54
CORVALLIS-NEWPORT	50.89	50.99	7.54
CORVALLIS-NEWPORT	50.99	51.04	7.54
BEAVERTON-HILLSDALE	1.14	1.21	7.54
CORVALLIS-NEWPORT	50.81	50.89	7.54
TUALATIN VALLEY	13.21	13.29	7.54
PACIFIC HIGHWAY EAST	-3.99	-3.8	7.54
BEAVERTON-HILLSDALE	1.21	1.31	7.54
CORVALLIS-NEWPORT	51.04	51.12	7.54
BEAVERTON-HILLSDALE	1.11	1.14	7.54
NORTHEAST PORTLAND	11.65	11.7	7.54
CAPE ARAGO	0.7	0.77	7.54
NORTHEAST PORTLAND	11.5	11.55	7.54
NORTHEAST PORTLAND	11.45	11.5	7.54
CAPE ARAGO	0.83	0.87	7.54
HILLSBORO-SILVERTON	1.14E-13	9.00E-02	7.54
NORTHEAST PORTLAND	11.4	11.45	7.54
NORTHEAST PORTLAND	11.75	11.8	7.54
NORTHEAST PORTLAND	11.6	11.65	7.54
NORTHEAST PORTLAND	11.32	11.35	7.54
CAPE ARAGO	0.63	0.7	7.54
NORTHEAST PORTLAND	11.55	11.6	7.54
CAPE ARAGO	0.77	0.83	7.54
NORTHEAST PORTLAND	11.35	11.4	7.54
NORTHEAST PORTLAND	11.85	11.9	7.54
NORTHEAST PORTLAND	11.7	11.75	7.54
HILLSBORO-SILVERTON	9.00E-02	0.18	7.54
NORTHEAST PORTLAND	11.8	11.85	7.54
GREEN SPRINGS	58.77	58.79	7.48
GREEN SPRINGS	58.67	58.77	7.48
PACIFIC HIGHWAY WEST	115.84	116.68	7.48
PACIFIC HIGHWAY EAST	22.89	24.5	7.48
PACIFIC HIGHWAY WEST	110.27	110.29	7.48
PACIFIC HIGHWAY WEST	116.74	116.78	7.48
PACIFIC HIGHWAY WEST	116.68	116.74	7.48
PACIFIC HIGHWAY WEST	116.78	116.99	7.48
COLUMBIA RIVER	185.04	185.11	7.43
COLUMBIA RIVER	185.11	185.13	7.43
EOLA FRONTAGE RD. NO. 2	21.72	21.77	7.43
HOLMAN PARK FRONTAGE RD.	22.04	22.07	7.43
PACIFIC HIGHWAY EAST	33.22	33.92	7.43
SUNNYHILL FRONTAGE RD.	22.53	22.66	7.43
WEIGHSTATION CONN.	21.4	21.7	7.43
OREGON COAST	238.32	238.42	7.37
COLUMBIA RIVER	183.52	183.57	7.37

OSWEGO	0.32	0.330291072	7.37
OREGON COAST	116.85	116.98	7.37
SANTIAM	12.52	12.61	7.37
COLUMBIA RIVER	183.34	183.43	7.37
OSWEGO	0.32	0.34	7.37
OSWEGO	0.24	0.32	7.37
OREGON COAST	238.23	238.32	7.37
COLUMBIA RIVER	183.43	183.52	7.37
SELLWOOD BRIDGE CONN. NO 2	2.71	2.72	7.37
OSWEGO	0.2	0.24	7.37
OREGON COAST	116.84	116.85	7.37
OREGON COAST	238.42	238.52	7.37
COLUMBIA RIVER	183.57	183.66	7.37
COLUMBIA RIVER	183.25	183.34	7.37
MT. HOOD HWY CONN. NO. 1	1.52	1.57	7.37
ROSS ISLAND CONN. NO. 2	0.42	0.47	7.37
CORVALLIS-NEWPORT	50.72	50.73	7.37
MONMOUTH-INDEPENDENCE	2.14	2.21	7.37
TUALATIN VALLEY	12.47	12.52	7.37
MONMOUTH-INDEPENDENCE	2.21	2.28	7.37
TUALATIN VALLEY	16.67	16.74	7.37
TACOMA ST INTERCHG CONN. 2	4.35	4.43	7.37
ROSS ISLAND CONN. NO. 2	0.47	0.51	7.37
MONMOUTH-INDEPENDENCE	1.51	1.58	7.37
MONMOUTH-INDEPENDENCE	1.41	1.51	7.37
PACIFIC HIGHWAY WEST	63.49	63.57	7.37
MONMOUTH-INDEPENDENCE	2.28	2.35	7.37
TUALATIN VALLEY	16.62	16.67	7.37
MONMOUTH-INDEPENDENCE	1.58	1.7	7.37
MONMOUTH-INDEPENDENCE	1.3	1.4	7.37
MONMOUTH-INDEPENDENCE	1.02	1.3	7.37
MONMOUTH-INDEPENDENCE	1.4	1.41	7.37
INDEPENDENCE	6.29	6.34	7.37
SANTIAM	29.28	29.35	7.34
OREGON COAST	141.25	141.3	7.34
OREGON COAST	140.81	140.88	7.34
SANTIAM	29.48	29.61	7.34
OREGON COAST	140.99	141.07	7.34
OREGON COAST	64.83	65.01	7.34
SANTIAM	29.4	29.47	7.34
OREGON COAST	141.21	141.25	7.34
CENTRAL OREGON	2.4	2.55	7.34
SANTIAM	29.47	29.48	7.34
OREGON COAST	141.15	141.21	7.34
OREGON COAST	64.57	64.64	7.34
OREGON COAST	64.74	64.83	7.34
SANTIAM	29.35	29.4	7.34
CENTRAL OREGON	2.18	2.29	7.34
OREGON COAST	190.23	190.28	7.34
SANTIAM	29.61	29.73	7.34
OREGON COAST	64.35	64.57	7.34
OREGON COAST	140.93	140.99	7.34
CENTRAL OREGON	2.29	2.4	7.34
OREGON COAST	64.64	64.74	7.34
OREGON COAST	140.88	140.93	7.34
OREGON COAST	141.07	141.15	7.34
PACIFIC HIGHWAY EAST	45.52	45.64	7.34
ALBANY-JUNCTION CITY	4.16	4.17	7.34
ALBANY-JUNCTION CITY	4.17	4.24	7.34
ALBANY-JUNCTION CITY	4.24	4.53	7.34
PACIFIC HIGHWAY EAST	45.49	45.52	7.34
ALBANY-JUNCTION CITY	4.82	4.87	7.34
ALBANY-JUNCTION CITY	7.13	7.51	7.34
BELTLINE	2.42	2.63	7.34
CLACKAMAS	6.14	6.15	7.34
CLACKAMAS	6.2	6.22	7.34
CLACKAMAS	5.78	5.86	7.34
CLACKAMAS	5.91	6.14	7.34
LOWER COLUMBIA RIVER	3.55	3.81	7.34
CLACKAMAS	5.86	5.91	7.34
CLACKAMAS	6.15	6.2	7.34
CLACKAMAS	5.73	5.78	7.34
ONTARIO SPUR	27.85	28	7.34
ONTARIO SPUR	28	28.02	7.34
ONTARIO SPUR	28.02	28.15	7.34
OREGON COAST	234.74	234.81	7.29
SANTIAM	14.01	14.12	7.29

OREGON COAST	65.06	65.25	7.29
MCKENZIE	7.85	7.88	7.29
OREGON COAST	357.57	357.76	7.29
OREGON COAST	357.76	357.82	7.29
THE DALLES-CALIFORNIA	92.08	92.14	7.29
SANTIAM	13.96	14.01	7.29
THE DALLES-CALIFORNIA	134.11	134.14	7.29
OREGON COAST	356.3	356.32	7.29
OREGON COAST	234.65	234.74	7.29
THE DALLES-CALIFORNIA	92.08	92.15	7.29
MCKENZIE	111.28	111.41	7.29
MCKENZIE	111.22	111.28	7.29
WARM SPRINGS	117.54	117.59	7.29
WARM SPRINGS	117.67	117.71	7.29
COOS BAY-ROSEBURG	73.58	73.76	7.29
ALBANY-JUNCTION CITY	2.78	2.85	7.29
PENDLETON-JOHN DAY	1.77	1.86	7.29
ALBANY-JUNCTION CITY	2.74	2.78	7.29
PENDLETON-JOHN DAY	1.86	2	7.29
UMATILLA-STANFIELD	6.03	6.31	7.29
PENDLETON-JOHN DAY	2	2.02	7.29
WARM SPRINGS	117.59	117.6	7.29
UMATILLA-STANFIELD	5.87	6.03	7.29
WARM SPRINGS	117.6	117.67	7.29
JACKSONVILLE	1.31	1.4	7.29
JACKSONVILLE	0.88	0.9	7.29
JACKSONVILLE	1.2	1.3	7.29
JACKSONVILLE	0.96	1.14	7.29
JACKSONVILLE	1.14	1.2	7.29
JACKSONVILLE	1.4	1.53	7.29
JACKSONVILLE	1.3	1.31	7.29
JACKSONVILLE	37.85	38.08	7.29
JACKSONVILLE	0.9	0.96	7.29
JACKSONVILLE	0.75	0.88	7.29
OSWEGO	6.14	6.25	7.28
S SUNDIAL FRONTAGE RD.	17.32	17.38	7.28
CHEMAWA RD. CONN. NO. 2	259.9	259.97	7.28
TROUTDALE CONN. NO. 5	17.32	17.42	7.28
CHEMAWA RD. CONN. NO. 2	259.97	260.12	7.28
TROUTDALE CONN. NO. 4	17.27	17.33	7.28
SYLVAN CONN. NO. 3	71.35	71.36	7.28
SYLVAN CONN. NO. 5	70.98	71.18	7.28
DIVISION&POWELL CONN. #4	19.62	19.67	7.28
DIVISION&POWELL CONN. #4	19.6	19.62	7.28
PACIFIC HIGHWAY WEST	122.12	122.19	7.28
PACIFIC HIGHWAY WEST	122.19	122.26	7.28
PACIFIC HIGHWAY EAST	5.72	5.77	7.28
DIVISION&POWELL CONN. #4	19.75	19.88	7.28
MURRAY BLVD. CONN. NO. 1	67.28	67.29	7.28
PACIFIC HIGHWAY WEST	122.26	122.39	7.28
CORNELL RD. CONN. NO. 5	66.5	66.76	7.28
SYLVAN CONN. NO. 5	71.472	71.48	7.28
PACIFIC HIGHWAY WEST	122.19	122.32	7.28
PACIFIC HIGHWAY EAST	5.67	5.72	7.28
185TH AVE. CONN. NO. 2	64.16	64.23	7.28
PACIFIC HIGHWAY WEST	122.32	122.4	7.28
OREGON COAST	147.19	147.21	7.17
OREGON COAST	63.85	63.99	7.17
OREGON COAST	137.75	137.84	7.17
OREGON COAST	57.52	59.9	7.17
OREGON COAST	142.11	142.22	7.17
OREGON COAST	12.15	12.19	7.17
OREGON COAST	123.95	124.12	7.17
MCKENZIE	11.01	11.1	7.17
OREGON COAST	239.42	239.48	7.17
OREGON COAST	124.12	124.33	7.17
OREGON-WASHINGTON	0.3	0.33	7.17
OREGON COAST	124	124.15	7.17
OREGON COAST	239.42	239.48	7.17
THE DALLES-CALIFORNIA	277.07	277.36	7.17
OREGON COAST	124.36	124.66	7.17
OREGON COAST	239.48	239.51	7.17
OREGON COAST	21.74	21.79	7.17
OSWEGO	9.68	9.73	7.17
OREGON COAST	63.45	63.67	7.17
OREGON COAST	124.33	124.36	7.17
OREGON COAST	118.77	119.12	7.17

OREGON COAST	137.32	137.47	7.17
OREGON COAST	63.99	64.19	7.17
OREGON COAST	137.84	137.92	7.17
OREGON COAST	141.3	141.31	7.17
OREGON COAST	138	138.07	7.17
LOST CREEK FRONTAGE RD.	147.21	147.42	7.17
OREGON COAST	59.96	60.09	7.17
OREGON COAST	141.33	141.35	7.17
OREGON COAST	124.33	124.36	7.17
OREGON COAST	138.07	138.1	7.17
OREGON COAST	124.15	124.19	7.17
OREGON COAST	136.71	136.79	7.17
OREGON COAST	147.21	147.33	7.17
THE DALLES-CALIFORNIA	96.48	96.65	7.17
OREGON COAST	22.08	22.17	7.17
MCKENZIE	11.34	11.59	7.17
OREGON COAST	137.24	137.31	7.17
OREGON COAST	137.61	137.75	7.17
OREGON COAST	146.95	147.19	7.17
THE DALLES-CALIFORNIA	96.65	96.83	7.17
OREGON COAST	118.23	118.48	7.17
OREGON COAST	59.93	59.96	7.17
OREGON COAST	124.19	124.33	7.17
OREGON COAST	137.14	137.24	7.17
OREGON COAST	118.61	118.67	7.17
OREGON COAST	22	22.04	7.17
OREGON COAST	137.92	137.96	7.17
OREGON COAST	137.96	138	7.17
OSWEGO	9.66	9.68	7.17
OREGON COAST	124.36	124.66	7.17
OREGON COAST	141.31	141.33	7.17
OREGON COAST	63.67	63.85	7.17
OREGON COAST	141.35	142.04	7.17
OREGON COAST	136.81	136.96	7.17
OREGON COAST	118.67	118.77	7.17
OREGON COAST	22.17	23.16	7.17
OREGON COAST	22.04	22.08	7.17
OREGON COAST	118.48	118.61	7.17
OREGON COAST	24.27	24.85	7.17
OREGON COAST	21.79	21.85	7.17
OREGON COAST	59.9	59.93	7.17
S KLAMATH FALLS CONN NO 1	277.36	277.55	7.17
OREGON COAST	21.85	21.9	7.17
OREGON COAST	137.31	137.32	7.17
OSWEGO	9.73	9.76	7.17
PACIFIC HIGHWAY WEST	12.78	13.12	7.17
CORVALLIS-NEWPORT	53.58	53.61	7.17
PACIFIC HIGHWAY WEST	13.32	13.6	7.17
FLORENCE-EUGENE	8.00E-02	0.11	7.17
BELTLINE	1.26	1.28	7.17
CORVALLIS-NEWPORT	53.61	53.64	7.17
ROGUE VALLEY	15.34	16.26	7.17
CORVALLIS-NEWPORT	49.92	50.13	7.17
PACIFIC HIGHWAY WEST	11.48	11.62	7.17
CORVALLIS-NEWPORT	53.49	53.58	7.17
BELTLINE	0.7	1.26	7.17
BELTLINE	1.28	1.74	7.17
CORVALLIS-NEWPORT	51.92	52.32	7.17
CORVALLIS-NEWPORT	52.78	53.49	7.17
ROGUE VALLEY	15.26	15.34	7.17
ROGUE VALLEY	14.9	15.26	7.17
CASCADE HWY SOUTH	4.46	4.48	7.17
CASCADE HWY SOUTH	4.29	4.37	7.17
LAKE OF THE WOODS	-0.37	-0.2	7.17
LOWER COLUMBIA RIVER	34.19	34.2	7.17
LOWER COLUMBIA RIVER	34.37	34.41	7.17
CASCADE HWY SOUTH	4.48	4.62	7.17
LOWER COLUMBIA RIVER	33.97	34.19	7.17
COOS RIVER	4.00E-02	8.00E-02	7.17
LOWER COLUMBIA RIVER	34.41	34.43	7.17
LOWER COLUMBIA RIVER	95.11	95.3	7.17
COOS RIVER	1.14E-13	4.00E-02	7.17
CASCADE HWY SOUTH	4.37	4.4	7.17
LOWER COLUMBIA RIVER	34.26	34.3	7.17
LAKE OF THE WOODS	-0.5	-0.37	7.17
LOWER COLUMBIA RIVER	96.04	96.12	7.17
LOWER COLUMBIA RIVER	45.39	46.73	7.17

SOUTH KLAMATH FALLS	0.16	0.64	7.17
LOWER COLUMBIA RIVER	95.47	95.79	7.17
LOWER COLUMBIA RIVER	34.43	34.61	7.17
CASCADE HWY SOUTH	4.17	4.29	7.17
LOWER COLUMBIA RIVER	34.2	34.26	7.17
KING CITY FRONTAGE RD.	11.6	11.63	7.17
LOWER COLUMBIA RIVER	34.33	34.37	7.17
LOWER COLUMBIA RIVER	95.84	96.04	7.17
LOWER COLUMBIA RIVER	95.79	95.84	7.17
LOWER COLUMBIA RIVER	34.3	34.33	7.17
COOS RIVER	1.14E-13	6.00E-02	7.17
CASCADE HWY SOUTH	4.4	4.43	7.17
CASCADE HWY SOUTH	4.43	4.46	7.17
LOWER COLUMBIA RIVER	95.08	95.11	7.17
HALSEY-SWEET HOME	19.76	20.59	7.17
KLAMATH FALLS-LAKEVIEW	2.72	2.79	7.13
KLAMATH FALLS-LAKEVIEW	2.5	2.65	7.13
KLAMATH FALLS-LAKEVIEW	2.97	3.08	7.13
KLAMATH FALLS-LAKEVIEW	2.65	2.72	7.13
KLAMATH FALLS-LAKEVIEW	2.79	2.97	7.13
NORTHEAST PORTLAND	5.97	6.07	7.13
NORTHEAST PORTLAND	3.71	3.75	7.13
NORTHEAST PORTLAND	5.61	5.71	7.13
NORTHEAST PORTLAND	3.85	3.9	7.13
NORTHEAST PORTLAND	3.75	3.8	7.13
NORTHEAST PORTLAND	3.8	3.85	7.13
OREGON COAST	7.07	7.53	7.12
THE DALLES-CALIFORNIA	272.56	272.58	7.12
THE DALLES-CALIFORNIA	272.41	272.6	7.12
OREGON COAST	19.29	19.34	7.12
THE DALLES-CALIFORNIA	272.6	272.64	7.12
OREGON COAST	355.95	356.11	7.12
WALLOWA LAKE	2.41	2.49	7.12
CHENOWETH CONN. NO. 2	81.96	82.04	7.12
BREWERY GRADE CONN. NO. 2	85.47	85.55	7.12
OLD FERRY RD. FRONTAGE RD.	191.08	191.23	7.12
THE DALLES-CALIFORNIA	272.35	272.41	7.12
WALLOWA LAKE	2.96	3.24	7.12
OREGON COAST	191.19	191.23	7.12
OREGON COAST	191.23	191.35	7.12
OREGON COAST	116.1	116.35	7.12
THE DALLES-CALIFORNIA	114.47	115.23	7.12
THE DALLES-CALIFORNIA	272.35	272.56	7.12
OREGON COAST	8.38	8.41	7.12
NEHALEM	4.31	4.313	7.12
THE DALLES-CALIFORNIA	272.2	272.22	7.12
OREGON COAST	356.18	356.23	7.12
THE DALLES-CALIFORNIA	115.28	115.35	7.12
THE DALLES-CALIFORNIA	272.26	272.35	7.12
OREGON COAST	143.37	143.8	7.12
THE DALLES-CALIFORNIA	272.22	272.26	7.12
THE DALLES-CALIFORNIA	115.23	115.28	7.12
GREEN SPRINGS	1.38	1.43	7.12
OREGON COAST	354.83	355.36	7.12
OREGON COAST	191.35	191.74	7.12
WALLOWA LAKE	2.49	2.69	7.12
OREGON COAST	356.11	356.18	7.12
THE DALLES-CALIFORNIA	271.83	272.2	7.12
OREGON COAST	19.15	19.29	7.12
OCHOCO	19.55	19.75	7.12
PACIFIC HIGHWAY WEST	26.46	26.62	7.12
ALBANY-CORVALLIS	2.26	2.46	7.12
SALEM-DAYTON HWY CONN.	51.31	51.35	7.12
OCHOCO	20.02	20.09	7.12
SALMON RIVER	51.31	51.33	7.12
PACIFIC HIGHWAY WEST	25.02	25.35	7.12
ALBANY-CORVALLIS	3.09	3.34	7.12
SALMON RIVER	45.88	45.92	7.12
PACIFIC HIGHWAY WEST	25.36	25.4	7.12
SALMON RIVER	51.73	52.27	7.12
OCHOCO	20.4	20.58	7.12
PACIFIC HIGHWAY WEST	25.35	25.4	7.12
E. MCMINNVILLE CONN. NO. 1	45.88	46.07	7.12
PENDLETON	1.15	1.23	7.12
LA GRANDE-BAKER	2.93	3.09	7.12
OCHOCO	20.24	20.4	7.12
PACIFIC HIGHWAY WEST	16.66	17.46	7.12

PACIFIC HIGHWAY WEST	17.46	17.47	7.12
OCHOCO	20.09	20.24	7.12
ALBANY-CORVALLIS	2.46	2.58	7.12
PACIFIC HIGHWAY WEST	17.47	18.21	7.12
PACIFIC HIGHWAY WEST	25.4	25.53	7.12
PENDLETON	1.23	1.67	7.12
KLAMATH FALLS-MALIN	0.38	0.45	7.12
SALMON RIVER	51.23	51.31	7.12
SALMON RIVER	44.6	45.88	7.12
SALMON RIVER	51.72	51.73	7.12
WARM SPRINGS	117.43	117.49	7.12
PACIFIC HIGHWAY WEST	25.02	25.36	7.12
OCHOCO	19.75	20.02	7.12
PACIFIC HIGHWAY WEST	15.81	15.86	7.12
PACIFIC HIGHWAY WEST	17.47	17.89	7.12
SALMON RIVER	51.18	51.23	7.12
LA GRANDE-BAKER	3.09	3.37	7.12
KLAMATH FALLS-MALIN	0.45	0.53	7.12
PACIFIC HIGHWAY WEST	15.86	15.95	7.12
SALMON RIVER	51.33	51.72	7.12
LA GRANDE-BAKER	0.69	1.23	7.12
ALBANY-CORVALLIS	2.58	2.92	7.12
KLAMATH FALLS-MALIN	-6.87	-6.81	7.12
PENDLETON	1.67	1.75	7.12
SALEM-DAYTON	8.00E-02	0.16	7.12
DALLAS-RICKREALL	2.19	2.68	7.12
KINGS VALLEY	4.28	4.73	7.12
SALEM-DAYTON	18.01	18.35	7.12
CORVALLIS-LEBANON	15.88	16.89	7.12
NEHALEM	3.00E-02	7.00E-02	7.12
CLACKAMAS-BORING	1.5	1.64	7.12
NEHALEM	0.42	0.44	7.12
DAYTON CONN. NO. 1	7.42E-02	8.00E-02	7.12
FORT STEVENS SPUR	5.21	5.38	7.12
LAKE OF THE WOODS	-3.65	-2.9	7.12
E. MCMINNVILLE CONN. NO. 2	45.7	45.94	7.12
CLACKAMAS-BORING	1.64	1.87	7.12
JACKSONVILLE	1.8	1.83	7.12
DALLAS-RICKREALL	1.88	2.19	7.12
SALEM-DAYTON	0.1	0.28	7.12
NEHALEM	0.52	0.59	7.12
CLACKAMAS-BORING	7.07	7.36	7.12
CLACKAMAS-BORING	6.41	6.63	7.12
COVE	1.14E-13	6.00E-02	7.12
COAST HWY CONN.	1.82	1.9	7.12
CLACKAMAS-BORING	6.72	6.85	7.12
JACKSONVILLE	1.73	1.8	7.12
CLACKAMAS-BORING	6.63	6.72	7.12
SALEM-DAYTON	3.00E-02	0.1	7.12
WARRENTON-ASTORIA	1.27	1.3	7.12
E. MCMINNVILLE CONN. NO. 2	46.475	46.48	7.12
JACKSONVILLE	1.83	1.95	7.12
SALEM-DAYTON	18.01	18.14	7.12
CLACKAMAS-BORING	7.36	7.46	7.12
CLACKAMAS-BORING	7.55	7.61	7.12
SALEM-DAYTON	17.84	18.01	7.12
E. MCMINNVILLE CONN. NO. 2	46.47667636	46.48	7.12
NEHALEM	0.35	0.42	7.12
NEHALEM	0.17	0.22	7.12
SALEM-DAYTON	1.14E-13	3.00E-02	7.12
CLACKAMAS-BORING	1.21	1.5	7.12
JACKSONVILLE	1.95	2.27	7.12
CLACKAMAS-BORING	7.46	7.55	7.12
CORVALLIS-LEBANON	17.2	17.26	7.12
DALLAS-RICKREALL	0.6	0.94	7.12
NEHALEM	0.44	0.52	7.12
DALLAS-RICKREALL	0.94	1.07	7.12
DAYTON CONN. NO. 1	8.00E-02	0.12	7.12
NEHALEM	0.22	0.35	7.12
REDWOOD	1.04	1.24	7.08
CRATER LAKE	5.58	5.77	7.08
CRATER LAKE	5.44	5.48	7.08
CRATER LAKE	3.2	3.34	7.08
CRATER LAKE	3.34	3.65	7.08
S MEDFORD CONN. NO. 3	26.95	27.14	7.08
CRATER LAKE	2.29	2.39	7.08
REDWOOD	1.24	2.05	7.08

HILLSBORO-SILVERTON HWY	271.68	271.76	7.08
THE DALLES-CALIFORNIA	275.41	276.88	7.08
WALLOWA LAKE	0.98	1.16	7.08
OREGON-WASHINGTON	-1.46	-1.41	7.08
CRATER LAKE	5.94	6.03	7.08
POWERS RD. CONN. NO. 5	139.76	139.86	7.08
OREGON COAST	358.39	358.45	7.08
CRATER LAKE	2.39	2.77	7.08
THE DALLES-CALIFORNIA	139.68	139.86	7.08
CRATER LAKE	5.77	5.94	7.08
CRATER LAKE	3.65	4.03	7.08
COLUMBIA RIVER	184.08	184.17	7.08
REDWOOD	2.27	2.56	7.08
CRATER LAKE	5.06	5.38	7.08
THE DALLES-CALIFORNIA	134.6	134.75	7.08
CRATER LAKE	2.77	3.2	7.08
CRATER LAKE	5.38	5.44	7.08
CRATER LAKE	5.48	5.58	7.08
CRATER LAKE	4.23	5.06	7.08
S MEDFORD CONN. NO. 3	27.14	27.19	7.08
THE DALLES-CALIFORNIA	275.41	276.74	7.08
THE DALLES-CALIFORNIA	134.44	134.6	7.08
PACIFIC HIGHWAY WEST	118.56	118.69	7.08
COOS BAY-ROSEBURG	74.61	74.77	7.08
PACIFIC HIGHWAY WEST	121.7	121.79	7.08
UMATILLA-STANFIELD	12.18	12.44	7.08
PACIFIC HIGHWAY EAST	-6.03	-5.94	7.08
COOS BAY-ROSEBURG	74.34	74.39	7.08
MARINE DRIVE CONN. NO. 1	5.73	5.77	7.08
COOS BAY-ROSEBURG	74.6	74.61	7.08
ROGUE VALLEY	9.59	9.79	7.08
PACIFIC HIGHWAY EAST	-6.09	-6.03	7.08
PACIFIC HIGHWAY EAST	19.35	19.8	7.08
PACIFIC HIGHWAY EAST	-5.73	-5.3	7.08
ROGUE VALLEY	17.88	17.95	7.08
TUALATIN VALLEY	14.15	14.66	7.08
PACIFIC HIGHWAY EAST	44.58	45.01	7.08
ROGUE VALLEY	17.8	17.88	7.08
COOS BAY-ROSEBURG	73.88	74.19	7.08
COOS BAY-ROSEBURG	74.59970742	74.61	7.08
PACIFIC HIGHWAY EAST	-5.76	-5.73	7.08
PACIFIC HIGHWAY EAST	-5.14	-4.88	7.08
COOS BAY-ROSEBURG	74.19	74.34	7.08
PACIFIC HIGHWAY WEST	121.64	121.7	7.08
PACIFIC HIGHWAY EAST	-5.3	-5.14	7.08
WEST FRONTAGE RD.	-5.31	-5.14	7.08
PACIFIC HIGHWAY WEST	118.35	118.46	7.08
PACIFIC HIGHWAY EAST	19.8	20.23	7.08
TUALATIN VALLEY	13.85	14.07	7.08
PACIFIC HIGHWAY WEST	121.14	121.17	7.08
PACIFIC HIGHWAY WEST	121.7	121.79	7.08
PACIFIC HIGHWAY EAST	-4.52	-4.48	7.08
PACIFIC HIGHWAY WEST	21.2	21.31	7.08
PACIFIC HIGHWAY WEST	118.71	118.82	7.08
MT. HOOD	25.28	25.56	7.08
PACIFIC HIGHWAY EAST	-4.64	-4.52	7.08
PACIFIC HIGHWAY EAST	-5.94	-5.91	7.08
PACIFIC HIGHWAY EAST	18.96	19.35	7.08
VANCOUVER AVE. CONN. NO. 4	4.52	4.55	7.08
PACIFIC HIGHWAY WEST	121.17	121.64	7.08
COOS BAY-ROSEBURG	74.39	74.61	7.08
COOS BAY-ROSEBURG	74.39	74.61	7.08
PACIFIC HIGHWAY EAST	-4.68	-4.64	7.08
PACIFIC HIGHWAY WEST	118.46	118.56	7.08
PACIFIC HIGHWAY WEST	21.31	21.46	7.08
CLACKAMAS	7.54	7.57	7.08
LOWER COLUMBIA RIVER	9.05	9.24	7.08
LOWER COLUMBIA RIVER	8.96	9.05	7.08
LOWER COLUMBIA RIVER	9.36	9.65	7.08
LOWER COLUMBIA RIVER	31.02	31.31	7.08
CLACKAMAS	7.57	7.76	7.08
NW MARINA WAY FRONTAGE RD.	9.24	9.98	7.08
LOWER COLUMBIA RIVER	7.59	7.81	7.08
SWIFT	2.62	2.71	7.08
LOWER COLUMBIA RIVER	9.65	10	7.08
NORTH UMPQUA HIGHWAY EAST	2.75	2.84	7.08
LAKE OF THE WOODS	-0.2	1.14E-13	7.08

LOWER COLUMBIA RIVER	10	10.3	7.08
LOWER COLUMBIA RIVER	7.81	8.1	7.08
N. ST. JOHNS BR FRONT. RD.	7.04	7.11	7.08
LOWER COLUMBIA RIVER	7.5	7.59	7.08
NORTH UMPQUA HIGHWAY EAST	2.84	3.18	7.08
LOWER COLUMBIA RIVER	9.24	9.36	7.08
LOWER COLUMBIA RIVER	10.3	10.69	7.08
LOWER COLUMBIA RIVER	8.81	8.96	7.08
LOWER COLUMBIA RIVER	6.83	7.11	7.08
LOWER COLUMBIA RIVER	31.31	31.61	7.08
ONTARIO SPUR	28.15	28.39	7.08
LOWER COLUMBIA RIVER	7.11	7.32	7.08
LOWER COLUMBIA RIVER	7.32	7.5	7.08
LOWER COLUMBIA RIVER	10.83	11.06	7.08
EUGENE FRONTAGE RD.	121.64	121.81	7.08
LOWER COLUMBIA RIVER	10.69	10.83	7.08
LOWER COLUMBIA RIVER	6.23	6.41	7.08
LAKE OF THE WOODS	67.22	68.76	7.08
NORTHEAST PORTLAND	1.14E-13	0.51	7.08
HILLSBORO-SILVERTON	36.52	36.63	7.08
HILLSBORO-SILVERTON	36.24	36.52	7.08
LOWER COLUMBIA RIVER	6.41	6.78	7.08
LOWER COLUMBIA RIVER	8.1	8.15	7.08
LOWER COLUMBIA RIVER	5.5	6.23	7.08
NORTHEAST PORTLAND	1.14E-13	0.13	7.08
N REDMOND INTCHGE. CONN. 2	119.23	119.42	7.03
CRATER LAKE	1.22	1.24	7.03
CRATER LAKE	8.62	8.69	7.03
REDWOOD	4.01	4.44	7.03
207TH AVE. INTCHG. CONN. 2	14.39	14.44	7.03
N REDMOND INTCHGE. CONN. 3	119.14	119.37	7.03
THE DALLES-CALIFORNIA	123.17	123.3	7.03
CRATER LAKE	8.26	8.45	7.03
THE DALLES-CALIFORNIA	142.56	143.15	7.03
THE DALLES-CALIFORNIA	143.69	144.01	7.03
CRATER LAKE	8.69	8.85	7.03
N REDMOND INTCHGE. CONN. 4	119.43	119.69	7.03
SANTIAM	23.4	23.72	7.03
SANTIAM	22.77	22.82	7.03
THE DALLES-CALIFORNIA	135.7597513	135.77	7.03
SANTIAM	23.72	24.16	7.03
THE DALLES-CALIFORNIA	133.71	133.9	7.03
N REDMOND INTCHGE. CONN. 1	119.14	119.37	7.03
CRATER LAKE	8.45	8.62	7.03
MCKENZIE-BEND	15.95	16.74	7.03
THE DALLES-CALIFORNIA	142.56	143.17	7.03
THE DALLES-CALIFORNIA	120.46	120.94	7.03
CRATER LAKE	8.03	8.45	7.03
SANTIAM	23.22	23.4	7.03
OREGON COAST	235.84	235.88	7.03
THE DALLES-CALIFORNIA	119.4	119.43	7.03
THE DALLES-CALIFORNIA	135.76	135.77	7.03
MCKENZIE	7.97	8.17	7.03
CRATER LAKE	8.69	8.85	7.03
CRATER LAKE	1.24	1.4	7.03
OREGON COAST	235.88	236.04	7.03
N REDMOND INTCHGE. CONN. 2	119.09	119.22	7.03
THE DALLES-CALIFORNIA	130.22	132.44	7.03
SHERIDAN CONN. NO. 2	32.59	32.78	7.03
SALMON RIVER	32.67	32.78	7.03
SHERIDAN CONN. NO. 1	32.6	32.81	7.03
COOS BAY-ROSEBURG	75.07	75.42	7.03
SALMON RIVER	33.33	33.42	7.03
MT. HOOD	15.44	15.45	7.03
ALBANY-JUNCTION CITY	7.9	8.57	7.03
CASCADE HWY NORTH	9.76	9.78	7.03
SALMON RIVER	47.86	48.02	7.03
SALMON RIVER	48.02	48.14	7.03
UMATILLA-STANFIELD	9.98	10.2	7.03
MT. HOOD	15.43	15.44	7.03
SHERIDAN CONN. NO. 5	32.55	32.69	7.03
UMATILLA-STANFIELD	6.47	6.61	7.03
SALMON RIVER	47.39	47.67	7.03
MT. HOOD	15.45	16.09	7.03
PENDLETON-JOHN DAY	1.63	1.7	7.03
MT. HOOD	16.88	18.25	7.03
SALMON RIVER	47.67	47.86	7.03

MT. HOOD	16.88	18.25	7.03
SALMON RIVER	32.78	33.33	7.03
SHERIDAN CONN. NO. 3	32.6	32.77	7.03
ROGUE COMM COLL FRONT. RD.	3.39	3.47	7.03
MT. HOOD	15.45	16.14	7.03
ROGUE VALLEY	0.74	1.23	7.03
CASCADE HWY NORTH	9.94	10.02	7.03
CORNELIUS PASS CONN. NO. 3	62.41	62.51	7.03
SALMON RIVER	32.38	32.59	7.03
MT. HOOD	18.45	19.31	7.03
CASCADE HWY NORTH	9.78	9.88	7.03
MT. HOOD	18.45	19.28	7.03
SHERIDAN CONN. NO. 4	32.38	32.71	7.03
UMATILLA-STANFIELD	8.82	9.98	7.03
SALMON RIVER	32.59	32.67	7.03
SALMON RIVER	48.14	48.53	7.03
ROGUE VALLEY	1.23	1.41	7.03
UMATILLA-STANFIELD	7.1	7.33	7.03
CUMULUS AVE. CONNECTION	47.39	47.47	7.03
SALMON RIVER	31.66	32.38	7.03
CASCADE HWY NORTH	9.88	9.94	7.03
UMATILLA-STANFIELD	10.2	10.46	7.03
MT. HOOD	15.41	15.43	7.03
UMATILLA-STANFIELD	10.46	10.61	7.03
NORTHEAST PORTLAND	10.65	10.72	7.03
LAKE RD. CONN. NO. 3	3.98	4.26	7.03
LOWER COLUMBIA RIVER	22.51	22.95	7.03
LOWER COLUMBIA RIVER	22.95	23.15	7.03
NORTHEAST PORTLAND	10.62	10.65	7.03
OLDS FERRY-ONTARIO	30.31	31.31	7.03
LOWER COLUMBIA RIVER	22.28	22.45	7.03
LOWER COLUMBIA RIVER	22.45	22.47	7.03
NORTHEAST PORTLAND	6.65	6.73	7.03
CORVALLIS-LEBANON	7	7.06	7.03
LOWER COLUMBIA RIVER	28.18	28.25	7.03
CORVALLIS-LEBANON	6.8	7	7.03
CORVALLIS-LEBANON	7.27	7.34	7.03
LOWER COLUMBIA RIVER	22.24	22.28	7.03
LOWER COLUMBIA RIVER	22.49	22.51	7.03
CORVALLIS-LEBANON	7.06	7.27	7.03
NORTHEAST PORTLAND	6.56	6.65	7.03
NORTH UMPQUA HIGHWAY EAST	2.18	2.75	7.03
CORVALLIS-LEBANON	6.2	6.8	7.03
ALBANY-JCT. CITY HWY. # 1	7.35	7.69	7.03
LOWER COLUMBIA RIVER	26.96	27.15	7.03
LOWER COLUMBIA RIVER	48.51	48.87	7.03
LOWER COLUMBIA RIVER	22.47	22.49	7.03
3RD ST. INCHG. CONN. NO. 1	141.54	141.9	7
OSWEGO	3.67	3.79	6.96
GOSHEN CONN. NO. 4	188.76	189.21	6.96
JORDAN CONN. NO. 2	18.33	18.6	6.96
OSWEGO	3.79	3.89	6.96
PACIFIC HIGHWAY EAST	30.57	30.74	6.96
LA GRANDE-BAKER	49.29	49.95	6.96
ROGUE VALLEY	21.45	21.48	6.96
PACIFIC HIGHWAY EAST	41.21	41.24	6.96
ROGUE VALLEY	21.48	21.57	6.96
SALMON RIVER	60.01	60.36	6.96
PACIFIC HIGHWAY EAST	41.1	41.12	6.96
ROGUE VALLEY	21.35	21.37	6.96
SALMON RIVER	60.67	60.81	6.96
ROGUE VALLEY	21.11	21.16	6.96
PACIFIC HIGHWAY WEST	75.18	75.34	6.96
PACIFIC HIGHWAY EAST	40.81	41.01	6.96
ROGUE VALLEY	21.16	21.18	6.96
ROGUE VALLEY	21.27	21.28	6.96
SALMON RIVER	60.52	60.67	6.96
PACIFIC HIGHWAY WEST	74.46	75.18	6.96
PACIFIC HIGHWAY EAST	41.01	41.1	6.96
PENDLETON HWY CONN.	30.68	30.71	6.96
ROGUE VALLEY	21.83	21.87	6.96
ROGUE VALLEY	21.64	21.76	6.96
PACIFIC HIGHWAY EAST	41.24	41.74	6.96
ROGUE VALLEY	21.87	22.05	6.96
SALMON RIVER	60.36	60.52	6.96
ROGUE VALLEY	21.37	21.45	6.96
ROGUE VALLEY	21.18	21.27	6.96

PACIFIC HIGHWAY EAST	41.12	41.21	6.96
ROGUE VALLEY	21.28	21.35	6.96
ROGUE VALLEY	21.01	21.11	6.96
PENDLETON-COLD SPRINGS	30.41	30.68	6.96
ROGUE VALLEY	21.57	21.64	6.96
ROGUE VALLEY	20.84	21.01	6.96
ROGUE VALLEY	21.76	21.83	6.96
SPRINGFIELD	1.01	1.07	6.96
CULVER	0.68	0.88	6.96
COOS RIVER	0.24	0.59	6.96
HILLSBORO-SILVERTON	19.43	19.54	6.96
SAMS VALLEY	2.08	2.16	6.96
GOSHEN-DIVIDE	5.84	5.86	6.96
WOODBURN-ESTACADA	11.31	11.4	6.96
SPRINGFIELD	0.64	1.01	6.96
HILLSBORO-SILVERTON	18.81	18.89	6.96
CULVER	0.33	0.54	6.96
ROGUE RIVER LOOP	1.3	1.66	6.96
GOSHEN-DIVIDE	5.86	6.01	6.96
MADRAS-PRINEVILLE	25.94	26.02	6.96
EAGLE CREEK-SANDY	5.39	5.82	6.96
BEAVERTON-TUALATIN	6.87	6.94	6.96
GOSHEN-DIVIDE	15.48	15.82	6.96
CULVER	4.21	4.27	6.96
WARRENTON-ASTORIA	6.44	7.11	6.96
BEAVERTON-TUALATIN	6.66	6.81	6.96
HILLSBORO-SILVERTON	19.7	19.74	6.96
SAMS VALLEY	1.8	1.87	6.96
CULVER	4.27	4.35	6.96
CASCADE HWY SOUTH	15.59	15.71	6.96
GOSHEN-DIVIDE	0.16	0.23	6.96
ELKTON-SUTHERLIN	24.15	24.25	6.96
HILLSBORO-SILVERTON	18.38	18.52	6.96
BEAVERTON-TUALATIN	6.07	6.23	6.96
HILLSBORO-SILVERTON	18.61	18.71	6.96
SPRINGFIELD-CRESWELL	14.53	14.71	6.96
CASCADE HWY SOUTH	16.1	16.2	6.96
SAMS VALLEY	1.91	1.96	6.96
EUGENE-SPRINGFIELD CONN. 2	0.38	0.43	6.96
WILLAMINA-SHERIDAN	2.67	3.44	6.96
WARRENTON-ASTORIA	0.94	1.11	6.96
CLACKAMAS	8.99	9.27	6.96
BEAVERTON-TUALATIN	6.46	6.66	6.96
SPRINGFIELD	0.36	0.63	6.96
SAMS VALLEY	1.96	2.08	6.96
WOODBURN-ESTACADA	13.43	13.7	6.96
CLACKAMAS	8.85	8.99	6.96
CULVER	0.25	0.33	6.96
WOODBURN-ESTACADA	8.00E-02	0.23	6.96
HILLSBORO-SILVERTON	19.58	19.6	6.96
WOODBURN-ESTACADA	11.47	11.54	6.96
BEAVERTON-TUALATIN	7.69	7.92	6.96
CULVER	4.35	4.42	6.96
JACKSONVILLE	32.67	33.16	6.96
CULVER	4.52	4.59	6.96
CLACKAMAS	9.41	9.83	6.96
FORT STEVENS	3.13	3.2	6.96
SPRINGFIELD-CRESWELL	14.71	14.74	6.96
SPRINGFIELD	0.13	0.34	6.96
WOODBURN-ESTACADA	11.81	12.04	6.96
ADAIR VILLAGE FRONT. RD.#1	75.24	75.26	6.96
HILLSBORO-SILVERTON	18.52	18.56	6.96
COOS RIVER	0.61	0.72	6.96
CASCADE HWY SOUTH	16.2	16.91	6.96
WOODBURN-ESTACADA	11.54	11.81	6.96
NEHALEM	1.69	1.81	6.96
WARRENTON-ASTORIA	1.17	1.22	6.96
GOSHEN-DIVIDE	15.85	16.09	6.96
GOSHEN-DIVIDE	0.23	0.39	6.96
WARRENTON-ASTORIA	0.26	0.38	6.96
SPRINGFIELD	0.63	0.65	6.96
WARRENTON-ASTORIA	5.00E-02	0.26	6.96
ROGUE RIVER LOOP	1.66	1.75	6.96
CLACKAMAS	9.3	9.41	6.96
CULVER	4.42	4.48	6.96
HERMISTON	6.05	6.81	6.96
EUGENE-SPRINGFIELD CONN. 1	0.26	0.35	6.96

WOODBURN-ESTACADA	12.04	12.16	6.96
CULVER	4.05	4.14	6.96
CASCADE HWY SOUTH	15.47	15.59	6.96
EUGENE-SPRINGFIELD CONN. 3	0.27	0.36	6.96
HILLSBORO-SILVERTON	18.71	18.81	6.96
FORT STEVENS SPUR	4.48	4.75	6.96
HILLSBORO-SILVERTON	19.38	19.43	6.96
COOS RIVER	0.19	0.24	6.96
CASCADE HWY SOUTH	6.74	7.12	6.96
BEAVERTON-TUALATIN	6.33	6.41	6.96
CULVER	4.14	4.21	6.96
WOODBURN-ESTACADA	10.88	11.31	6.96
BEAVERTON-TUALATIN	6.23	6.33	6.96
WARRENTON-ASTORIA	0.87	0.9	6.96
SPRINGFIELD	0.27	0.36	6.96
FORT STEVENS	3.2	3.31	6.96
WOODBURN-ESTACADA	11.4	11.47	6.96
SPRINGFIELD	0.65	1.01	6.96
HILLSBORO-SILVERTON	19.6	19.7	6.96
WARRENTON-ASTORIA	1.11	1.17	6.96
SAMS VALLEY	1.87	1.91	6.96
CULVER	3.95	4.05	6.96
GOSHEN-DIVIDE	5.28	5.51	6.96
BEAVERTON-TUALATIN	5.98	6.07	6.96
EUGENE-SPRINGFIELD CONN. 3	0.36	0.38	6.96
COOS RIVER	0.18	0.19	6.96
HISTORIC COLUMBIA RIVER	49.08	49.42	6.96
EUGENE-SPRINGFIELD CONN. 2	0.36	0.38	6.96
BEAVERTON-TUALATIN	6.81	6.87	6.96
FORT STEVENS SPUR	4.75	4.97	6.96
CULVER	4.48	4.52	6.96
WARRENTON-ASTORIA	0.9	0.94	6.96
SPRINGFIELD	0.34	0.36	6.96
NEHALEM	1.66	1.69	6.96
HILLSBORO-SILVERTON	19.74	19.77	6.96
SPRINGFIELD-CRESWELL	14.74	14.88	6.96
HILLSBORO-SILVERTON	19.33	19.38	6.96
CULVER	0.88	1.09	6.96
BEAVERTON-TUALATIN	6.41	6.46	6.96
GOSHEN-DIVIDE	15.82	15.85	6.96
SPRINGFIELD	0.36	0.6	6.96
HILLSBORO-SILVERTON	18.56	18.61	6.96
CASCADE HWY SOUTH	15.71	16.1	6.96
EAGLE CREEK-SANDY	5.82	5.85	6.96
WARRENTON-ASTORIA	0.82	0.9	6.96
GOSHEN-DIVIDE	0.39	0.46	6.96
EAGLE CREEK-SANDY	5.22	5.39	6.96
HILLSBORO-SILVERTON	19.54	19.58	6.96
WOODBURN-ESTACADA	12.16	12.31	6.96
CAPE ARAGO	4.49	4.65	6.96
MCVAY CONN. NO. 1	1.3	1.41	6.93
CLACKAMAS	8.22	8.31	6.93
CLACKAMAS	8.2	8.21	6.93
CLACKAMAS	8.21	8.22	6.93
OREGON COAST	239.6	239.64	6.89
OREGON COAST	112.78	112.83	6.89
UMATILLA-STANFIELD	11.4	11.41	6.89
UMATILLA-STANFIELD	11.24	11.27	6.89
LOWER COLUMBIA RIVER	47.27	47.34	6.89
LOWER COLUMBIA RIVER	47.34	47.35	6.89
HILLSBORO-SILVERTON	36.73	36.75	6.89
HILLSBORO-SILVERTON	36.69	36.699	6.89
6TH ST. CONN.	47.34	47.36	6.89
HILLSBORO-SILVERTON	36.69	36.73	6.89
WILLAMINA-SHERIDAN	6.55	6.68	6.88
FORT STEVENS	3.84	3.9	6.88
PAULINA	0.17	0.46	6.88
HISTORIC COLUMBIA RIVER	0.78	2.55	6.88
PAULINA	0.48	0.55	6.88
PAULINA	0.1	0.13	6.88
SALEM-DAYTON	0.28	0.31	6.88
WILLAMINA-SHERIDAN	6.68	6.75	6.88
SALEM-DAYTON	0.177	0.18	6.88
WILLAMINA-SHERIDAN	6.43	6.55	6.88
FORT STEVENS	3.9	4	6.88
FORT STEVENS	3.72	3.79	6.88
FORT STEVENS	0.52	0.61	6.88

PAULINA	0.13	0.17	6.88
WILLAMINA-SHERIDAN	6.18	6.43	6.88
PAULINA	0.46	0.48	6.88
FORT STEVENS	3.79	3.84	6.88
SALEM-DAYTON	0.16	0.19	6.88
BEAVERTON-TUALATIN	4.41	4.44	6.88
UPPER BOONES FERRY RD CN 2	291.22	291.29	6.87
CENTRAL POINT CONN. NO. 2	32.63	32.87	6.87
UPPER BOONES FERRY RD CN 2	291.29	291.35	6.87
BARNETT RD. CONN. NO. 3	27.43	27.73	6.87
PACIFIC HIGHWAY EAST	30.85	30.98	6.87
MOHAWK INTCHG. CONN. NO. 2	6.18	6.29	6.87
EDISON ST. CONN. NO. 1	1.3	1.32	6.87
BEAVERTON-TUALATIN	2.6	2.63	6.87
EDISON ST. CONN. NO. 1	1.32	1.35	6.87
BEAVERTON-TUALATIN	2.57	2.6	6.87
MCKENZIE	111.45	111.53	6.84
MCKENZIE	111.45	111.46	6.84
OREGON COAST	4.14	4.31	6.84
MCKENZIE	111.41	111.45	6.84
NE MARINE DR. CONN.	16.9	16.98	6.84
OREGON COAST	3.96	4.14	6.84
OREGON COAST	235.09	235.13	6.84
OREGON COAST	235.04	235.09	6.84
OREGON COAST	4.14	4.31	6.84
PENDLETON-JOHN DAY	1.57	1.63	6.84
PENDLETON-JOHN DAY	1.59	1.69	6.84
JOHNSON CR. BLVD CONN NO 2	16.25	16.37	6.84
OREGON COAST	2.70E-02	3.00E-02	6.84
SWIFT FRONTAGE RD.	2.62	2.82	6.84
REDWOOD	-0.47	-0.35	6.82
MCKENZIE	2.8	2.91	6.82
MCKENZIE	2.46	2.58	6.82
MCKENZIE	2.2	2.46	6.82
REDWOOD	-1.71	-1.59	6.82
REDWOOD	-1.95	-1.79	6.82
OREGON COAST	21.14	21.17	6.82
REDWOOD	-2.16	-1.95	6.82
BAKER-COPPERFIELD	0.87	0.92	6.82
MCKENZIE	2.1	2.2	6.82
BAKER-COPPERFIELD	0.63	0.69	6.82
OSWEGO	9.43	9.44	6.82
BAKER-COPPERFIELD	0.81	0.87	6.82
MCKENZIE	2.58	2.66	6.82
OREGON COAST	21.1	21.14	6.82
BAKER-COPPERFIELD	0.92	0.97	6.82
REDWOOD	-2.26	-2.05	6.82
OREGON COAST	21.05	21.1	6.82
BAKER-COPPERFIELD	0.97	0.98	6.82
SANTIAM	30.29	30.34	6.82
OSWEGO	9.54	9.64	6.82
REDWOOD	-1.79	-1.71	6.82
OSWEGO	9.44	9.54	6.82
BAKER-COPPERFIELD	0.69	0.81	6.82
REDWOOD	-2.05	-1.89	6.82
SALEM	3.62	3.73	6.82
SALEM	3.55	3.62	6.82
ROGUE RIVER	0.45	0.48	6.82
ALBANY-JUNCTION CITY	1.82	1.87	6.82
CORVALLIS-NEWPORT	50.28	50.36	6.82
ROGUE RIVER	0.26	0.35	6.82
ALBANY-JUNCTION CITY	1.76	1.82	6.82
TUALATIN VALLEY	16.13	16.28	6.82
CORVALLIS-NEWPORT	50.13	50.2	6.82
LA GRANDE-BAKER	2.43	2.52	6.82
SALEM	3.64	3.75	6.82
ALBANY-JUNCTION CITY	1.71	1.75	6.82
MT. HOOD	24.37	24.4	6.82
CORVALLIS-NEWPORT	50.2	50.28	6.82
ALBANY-JUNCTION CITY	1.75	1.76	6.82
ROGUE RIVER	0.66	0.75	6.82
MT. HOOD	24.4	24.45	6.82
SALEM	3.56	3.64	6.82
ROGUE RIVER	1.12	1.33	6.82
LA GRANDE-BAKER	2.52	2.54	6.82
SALEM	3.4	3.55	6.82
ALBANY-JUNCTION CITY	1.87	1.93	6.82

HALSEY-SWEET HOME	21.04	21.09	6.82
HALSEY-SWEET HOME	21.2	21.24	6.82
HILLSBORO-SILVERTON	37.87	38.13	6.82
SALEM-DAYTON	19.85	19.9	6.82
SALEM-DAYTON	19.58	19.72	6.82
HALSEY-SWEET HOME	21.19	21.2	6.82
SALEM-DAYTON	19.35	19.39	6.82
CASCADE HWY SOUTH	4.01	4.11	6.82
LOWER COLUMBIA RIVER	96.88	96.93	6.82
HALSEY-SWEET HOME	21.14	21.19	6.82
LOWER COLUMBIA RIVER	96.77	96.84	6.82
SALEM-DAYTON	19.9	19.94	6.82
SALEM-DAYTON	19.72	19.85	6.82
DALLAS-RICKREALL	0.2	0.23	6.82
LOWER COLUMBIA RIVER	96.84	96.88	6.82
LOWER COLUMBIA RIVER	96.7	96.77	6.82
SALEM-DAYTON	19.94	19.98	6.82
LOWER COLUMBIA RIVER	96.19	96.26	6.82
SALEM-DAYTON	19.51	19.58	6.82
HALSEY-SWEET HOME	21.09	21.11	6.82
SALEM-DAYTON	19.19	19.35	6.82
HALSEY-SWEET HOME	21.24	21.38	6.82
EAGLE CREEK-SANDY	5.88	5.94	6.82
DALLAS-RICKREALL	0.23	0.36	6.82
CULVER	5.00E-02	0.13	6.82
HALSEY-SWEET HOME	21.11	21.14	6.82
DALLAS-RICKREALL	1.14E-13	0.2	6.82
SALEM-DAYTON	19.39	19.51	6.82
CASCADE HWY SOUTH	4	4.01	6.82
CASCADE HWY SOUTH	3.93	4	6.82
LOWER COLUMBIA RIVER	96.12	96.19	6.82
HILLSBORO-SILVERTON	50	50.19	6.82
FLORENCE-EUGENE	0.11	0.17	6.79
SANTIAM	12.24	12.25	6.74
WALLOWA LAKE	1.47	1.62	6.73
CENTRAL OREGON	1.55	1.82	6.73
CENTRAL OREGON	1.2	1.55	6.73
CENTRAL OREGON	1.82	1.95	6.73
ALBANY-JUNCTION CITY	5.81	6.3	6.73
PACIFIC HIGHWAY WEST	119.44	119.6	6.73
PACIFIC HIGHWAY WEST	119.77	119.91	6.73
SALEM	6.86	6.97	6.73
SALEM	6.77	6.86	6.73
PACIFIC HIGHWAY WEST	119.6	119.77	6.73
SALEM	7.56	7.78	6.73
PACIFIC HIGHWAY WEST	120.9	120.97	6.73
PENDLETON	2.08	2.22	6.73
PACIFIC HIGHWAY WEST	120.97	121.1	6.73
PACIFIC HIGHWAY WEST	120.23	120.53	6.73
PACIFIC HIGHWAY WEST	120.53	120.61	6.73
SALEM	7.78	7.79	6.73
PACIFIC HIGHWAY WEST	9.91	10.04	6.73
ALBANY-JUNCTION CITY	4.87	4.93	6.73
SALEM	6.97	7.02	6.73
PACIFIC HIGHWAY WEST	120.61	120.9	6.73
PACIFIC HIGHWAY WEST	119.91	120.23	6.73
CLACKAMAS	6.88	6.94	6.73
LOWER COLUMBIA RIVER	20.53	20.62	6.73
CLACKAMAS	5.05	5.18	6.73
NORTHEAST PORTLAND	10.75	10.91	6.73
BELTLINE	2.63	2.83	6.7
CASCADE HWY NORTH	7.46	7.5	6.7
LA GRANDE-BAKER	51.12	51.19	6.68
LA GRANDE-BAKER	50.48	50.55	6.68
LA GRANDE-BAKER	51.23	51.29	6.68
LA GRANDE-BAKER	50.67	50.73	6.68
LA GRANDE-BAKER	50.55	50.61	6.68
LA GRANDE-BAKER	51.19	51.23	6.68
LA GRANDE-BAKER	50.61	50.67	6.68
LA GRANDE-BAKER	50.73	50.8	6.68
LA GRANDE-BAKER	51.05	51.12	6.68
LA GRANDE-BAKER	50.8	50.86	6.68
HOOD RIVER	0.66	0.73	6.68
SW 112TH AVE. FRONTAGE RD.	2.28	2.31	6.68
HOOD RIVER	0.78	0.83	6.68
HOOD RIVER	0.72	0.78	6.68
ALLEN BLVD. CONN. NO. 2	2.22	2.28	6.68

SW LEE AVE. FRONTAGE RD.	2.28	2.34	6.68
PACIFIC HIGHWAY EAST	13.49	13.54	6.58
PACIFIC HIGHWAY EAST	13.54	13.6	6.58
NORTHEAST PORTLAND	2.99	3.03	6.58
NORTHEAST PORTLAND	2.89	2.94	6.58
NORTHEAST PORTLAND	3.1	3.11	6.58
SPRINGFIELD	1.13	1.19	6.58
NORTHEAST PORTLAND	3.03	3.06	6.58
NORTHEAST PORTLAND	3.26	3.29	6.58
NORTHEAST PORTLAND	2.31	2.35	6.58
NORTHEAST PORTLAND	2.72	2.78	6.58
WILLAMINA-SHERIDAN	7.48	7.54	6.58
WILLAMINA-SHERIDAN	7.41	7.48	6.58
NORTHEAST PORTLAND	3.5	3.55	6.58
NORTHEAST PORTLAND	2.94	2.99	6.58
NORTHEAST PORTLAND	2.35	2.47	6.58
SPRINGFIELD	1.19	1.25	6.58
NORTHEAST PORTLAND	2.17	2.26	6.58
HILLSBORO-SILVERTON	18.97	19.02	6.58
NORTHEAST PORTLAND	1.99	2.07	6.58
NORTHEAST PORTLAND	2.78	2.85	6.58
NORTHEAST PORTLAND	3.16	3.17	6.58
NORTHEAST PORTLAND	3.48	3.5	6.58
SPRINGFIELD	1.13	1.19	6.58
WILLAMINA-SHERIDAN	7.35	7.41	6.58
NORTHEAST PORTLAND	3.61	3.71	6.58
NORTHEAST PORTLAND	1.9	1.99	6.58
NORTHEAST PORTLAND	3.06	3.1	6.58
SPRINGFIELD	1.25	1.31	6.58
NORTHEAST PORTLAND	3.17	3.24	6.58
NORTHEAST PORTLAND	2.07	2.17	6.58
NORTHEAST PORTLAND	2.26	2.31	6.58
NORTHEAST PORTLAND	2.64	2.72	6.58
NORTHEAST PORTLAND	3.55	3.61	6.58
NORTHEAST PORTLAND	3.39	3.44	6.58
NORTHEAST PORTLAND	2.52	2.58	6.58
SPRINGFIELD	1.19	1.25	6.58
WILLAMINA-SHERIDAN	7.29	7.35	6.58
NORTHEAST PORTLAND	3.34	3.39	6.58
NORTHEAST PORTLAND	2.47	2.52	6.58
SPRINGFIELD	1.25	1.31	6.58
NORTHEAST PORTLAND	2.87	2.89	6.58
NORTHEAST PORTLAND	3.11	3.16	6.58
NORTHEAST PORTLAND	3.24	3.26	6.58
NORTHEAST PORTLAND	2.58	2.64	6.58
NORTHEAST PORTLAND	3.29	3.34	6.58
WILLAMINA-SHERIDAN	7.24	7.29	6.58
NORTHEAST PORTLAND	3.44	3.48	6.58
MCKENZIE-BEND	18.59	18.61	6.56
OREGON-WASHINGTON	0.1	0.25	6.56
THE DALLES-CALIFORNIA	143.15	143.54	6.56
OSWEGO	7.16	7.25	6.56
OSWEGO	7.32	7.34	6.56
SANTIAM	30.8	31.05	6.56
OREGON COAST	6.57	6.83	6.56
KLAMATH FALLS-LAKEVIEW	-0.14	-4.00E-02	6.56
OREGON COAST	19.74	19.79	6.56
SANTIAM	31.05	31.18	6.56
WILLAMETTE	-0.3	-0.12	6.56
KLAMATH FALLS-MALIN CONN.	272.97	273.13	6.56
KLAMATH FALLS-LAKEVIEW	4.00E-02	4.70E-02	6.56
REDWOOD	-8.00E-02	5.00E-02	6.56
THE DALLES-CALIFORNIA	274.83	275.06	6.56
MCKENZIE-BEND	18.51	18.6	6.56
OREGON COAST	142.85	143.14	6.56
BAKER RD INTRCHE CONN NO 1	143.15	143.47	6.56
REDWOOD	0.64	0.8	6.56
OREGON COAST	143.14	143.33	6.56
CRATER LAKE	0.12	0.18	6.56
OREGON-WASHINGTON	25.99	26.2	6.56
OSWEGO	7.25	7.32	6.56
OREGON-WASHINGTON	-1.75	-1.46	6.56
WILLAMETTE	1.14E-13	0.31	6.56
OSWEGO	7.34	7.39	6.56
THE DALLES-CALIFORNIA	143.17	143.69	6.56
PACIFIC HIGHWAY WEST	192.27	192.273	6.56
THE DALLES-CALIFORNIA	115.94	116.54	6.56

MCKENZIE-BEND INTCHGE. CON	18.6	18.64	6.56
CRATER LAKE	5.00E-02	0.12	6.56
RIVERSIDE AVE. CONN. NO. 1	1.14E-13	0.12	6.56
BAKER RD INTCHGE CONN NO 2	143.16	143.54	6.56
OREGON-WASHINGTON	-1.77	-1.54	6.56
CRATER LAKE	0.18	0.29	6.56
KLAMATH FALLS-LAKEVIEW	-1.00E-02	7.00E-02	6.56
OREGON COAST	19.79	20.08	6.56
KLAMATH FALLS-MALIN	272.803	272.81	6.56
OREGON COAST	66.43	67.64	6.56
WILLAMETTE	-0.12	7.00E-02	6.56
OREGON COAST	19.68	19.74	6.56
STEEN RD. CONN.	26.2	26.27	6.56
OREGON-WASHINGTON	26.2	26.38	6.56
KLAMATH FALLS-LAKEVIEW	-0.15	1.14E-13	6.56
MCKENZIE	8.54	9.73	6.56
PACIFIC HIGHWAY WEST	39.2	39.28	6.56
PACIFIC HIGHWAY WEST	79.77	80.95	6.56
PACIFIC HIGHWAY EAST	4.75	4.78	6.56
CORVALLIS-NEWPORT	55.55	55.65	6.56
CORVALLIS-NEWPORT	55.45	55.55	6.56
HWY 091(1W) CONN. NO. 2	56.15	56.16	6.56
FLORENCE-EUGENE	46.72	46.81	6.56
COLUMBIA BLVD. CONN. NO. 4	0.14	0.36	6.56
KLAMATH FALLS-MALIN	-6.48	-6.44	6.56
COLUMBIA BLVD. CONN. NO. 1	6.00E-02	0.25	6.56
COLUMBIA BLVD. CONN. NO. 5	-0.1	0.1	6.56
CORVALLIS-NEWPORT	51.59	51.68	6.56
PACIFIC HIGHWAY WEST	11.96	12.04	6.56
AIRPORT WAY CONN. NO. 3	25.51	25.63	6.56
SALEM	4.81	4.86	6.56
SYLVAN CONN. NO. 6	71.97	72.04	6.56
FLORENCE-EUGENE	46.92	47.27	6.56
PENDLETON-JOHN DAY	2.67	3.25	6.56
PACIFIC HIGHWAY WEST	11.07	11.19	6.56
ALBANY-CORVALLIS HWY CON 1	2.51	2.511737429	6.56
PACIFIC HIGHWAY WEST	10.55	10.71	6.56
CORVALLIS-NEWPORT	56.15	56.16	6.56
ELLSWORTH ST. CONN.	11.01	11.06	6.56
CASCADE HWY NORTH	0.33	0.34	6.56
82ND DRIVE CONNECTION	10.11	10.4	6.56
PACIFIC HIGHWAY WEST	11.87	11.96	6.56
PACIFIC HIGHWAY WEST	10.43	10.55	6.56
ALBANY-CORVALLIS	2.71	2.713	6.56
SALMON RIVER	44.25	44.58	6.56
CASCADE HWY NORTH	1.14E-13	8.00E-02	6.56
FLORENCE-EUGENE	48.43	48.52	6.56
KLAMATH FALLS-MALIN	-6.81	-6.55	6.56
ALBANY-JUNCTION CITY	2.02	2.03	6.56
PACIFIC HIGHWAY WEST	10.69	10.95	6.56
SALEM	5.19	5.25	6.56
PACIFIC HIGHWAY WEST	12.66	12.77	6.56
SALEM	4.86	4.93	6.56
PACIFIC HIGHWAY WEST	78.31	78.93	6.56
PACIFIC HIGHWAY WEST	121.79	121.87	6.56
PACIFIC HWY WEST HWY CONN.	44.58	44.8	6.56
SALEM	4.93	5.01	6.56
PACIFIC HIGHWAY WEST	10.95	11.19	6.56
CASCADE HWY NORTH	0.26	0.33	6.56
HWY 091(1W) CONN. NO. 2	56.14	56.15	6.56
COOS BAY-ROSEBURG	76.92	77.2	6.56
N. ALBANY INTCHGE. CONN.	0.66	0.95	6.56
PACIFIC HIGHWAY WEST	10.95	11.07	6.56
WESTERN BLVD. CONN. NO. 3	54.15	54.2	6.56
N. THURSTON ST CONN. NO. 1	1.97	2.02	6.56
FLORENCE-EUGENE	47.46	47.84	6.56
COLUMBIA BLVD. CONN. NO. 3	8.00E-02	0.24	6.56
PACIFIC HIGHWAY WEST	78.93	79.4	6.56
OCHOCO	17.92	18.03	6.56
AIRPORT WAY CONN. NO. 3	25.39	25.51	6.56
ALBANY-JUNCTION CITY	0.25	0.66	6.56
ALBANY-CORVALLIS HWY CON 2	2.71	2.74	6.56
OCHOCO	17.24	17.87	6.56
PACIFIC HIGHWAY WEST	11.46	11.87	6.56
CASCADE HWY NORTH	-0.1	1.14E-13	6.56
ALBANY-CORVALLIS	3.77	3.95	6.56
AIRPORT WAY CONN. NO. 3	25.35	25.51	6.56

W. SALMON RIVER HWY CONN.	44.58	44.6	6.56
AIRPORT WAY CONN. NO. 3	25.09	25.35	6.56
CORVALLIS-NEWPORT	56.14	56.15	6.56
PACIFIC HWY. WEST CONN. 2	43.53	43.86	6.56
PACIFIC HIGHWAY WEST	10.73	10.95	6.56
ALBANY-CORVALLIS	0.76	1.32	6.56
CASCADE HWY NORTH	-0.1	1.14E-13	6.56
COLUMBIA BLVD. CONN. NO. 2	6.00E-02	0.14	6.56
SUNSET HILLS CONN. NO. 1	70.65	70.68	6.56
ALBANY-CORVALLIS	11.07	11.1	6.56
OCHOCO ST. CONN.	4.78	4.83	6.56
OCHOCO	17.87	17.92	6.56
FLORENCE-EUGENE	46.81	46.92	6.56
ELLSWORTH ST. CONN.	11.06	11.09	6.56
PACIFIC HIGHWAY WEST	12.33	12.66	6.56
KLAMATH FALLS-MALIN	-6.41	-6.34	6.56
SALMON RIVER	43.86	44.26	6.56
ALBANY-JUNCTION CITY	2.51	2.54	6.56
PACIFIC HIGHWAY WEST	82.83	82.95	6.56
PACIFIC HIGHWAY WEST	126.02	126.38	6.56
PACIFIC HIGHWAY EAST	5.2	5.43	6.56
PACIFIC HWY. WEST CONN.	43.84	44.21	6.56
SALMON RIVER	43.84	44.25	6.56
ALBANY-CORVALLIS HWY CON 1	2.51	2.54	6.56
CASCADE HWY NORTH	1.14E-13	6.00E-02	6.56
PENDLETON	1.88	1.96	6.56
PACIFIC HIGHWAY WEST	12.3	12.4	6.56
AIRPORT WAY CONN. NO. 3	25.63	25.79	6.56
ALBANY-JUNCTION CITY	2.51	2.512	6.56
PACIFIC HIGHWAY WEST	75.92	76.18	6.56
ALBANY-CORVALLIS	11.01	11.07	6.56
CORVALLIS-NEWPORT	55.65	55.67	6.56
COOS BAY-ROSEBURG	72.08	72.68	6.56
FLORENCE-EUGENE	47.84	48.43	6.56
ALBANY-CORVALLIS HWY CON 2	11.097	11.1	6.56
CORVALLIS-NEWPORT	55.67	56.14	6.56
PACIFIC HIGHWAY EAST	3.65	3.72	6.56
N. THURSTON ST CONN. NO. 2	1.99	2.04	6.56
PACIFIC HIGHWAY WEST	10.55	10.69	6.56
PACIFIC HIGHWAY WEST	10.71	10.73	6.56
PACIFIC HIGHWAY WEST	39.28	39.93	6.56
PACIFIC HIGHWAY WEST	12.04	12.3	6.56
PACIFIC HIGHWAY EAST	3.72	3.74	6.56
FLORENCE-EUGENE	46.51	46.72	6.56
PACIFIC HIGHWAY WEST	121.79	121.86	6.56
PACIFIC HIGHWAY EAST	3.53	3.65	6.56
KLAMATH FALLS-MALIN	-6.55	-6.48	6.56
AIRPORT WAY CONN. NO. 3	25.07	25.09	6.56
PACIFIC HIGHWAY EAST	4.78	5.2	6.56
PACIFIC HIGHWAY EAST	3.46	3.53	6.56
HWY. 033 CONN. NO. 2	84.25	84.56	6.56
NEHALEM	88.697	88.7	6.56
REDWOOD SPUR	1.24	1.49	6.56
NEHALEM	0.76	0.89	6.56
NORTHEAST PORTLAND	13.92	14.01	6.56
OREGON COAST HWY CONN NO 1	1.27	1.34	6.56
CASCADE HWY SOUTH	4.92	5.01	6.56
REDWOOD SPUR	0.86	1	6.56
W. SALMON RIVER HWY CONN.	39.28	39.54	6.56
NORTHEAST PORTLAND	13.89	13.92	6.56
MCMINNVILLE SPUR	46.26	46.47	6.56
EUGENE CONN.	121.94	121.96	6.56
CASCADE HWY SOUTH	5.01	5.49	6.56
SOUTH KLAMATH FALLS	4.63	5.75	6.56
REDWOOD SPUR	1.24	1.49	6.56
NEHALEM	88.68	88.83	6.56
GOSHEN-DIVIDE	2.00E-02	0.16	6.56
TERRITORIAL	19.49	19.57	6.56
O NEIL	16.72	17.67	6.56
JACKSONVILLE	38.42	38.75	6.56
REDWOOD SPUR	1.49	1.99	6.56
KINGS VALLEY	2.13	2.36	6.56
REDWOOD SPUR	1.12	1.24	6.56
REDWOOD SPUR	1.49	1.67	6.56
HILLSBORO-SILVERTON	20.9	21.2	6.56
JACKSONVILLE	38.42	38.59	6.56
JACKSONVILLE	38.59	38.75	6.56

GOSHEN-DIVIDE	1.14E-13	0.14	6.56
HILLSBORO-SILVERTON	38.4	38.56	6.56
REDWOOD SPUR	1.67	1.89	6.56
NEHALEM	88.69	88.83	6.56
REDWOOD SPUR	0.86	1	6.56
NEHALEM	88.814	88.83	6.56
NEHALEM	88.68	88.682	6.56
NORTHEAST PORTLAND	14.2	14.3	6.56
CASCADE HWY SOUTH	5.49	5.73	6.56
SOUTH KLAMATH FALLS	4.32	4.63	6.56
REDWOOD SPUR	1	1.12	6.56
LAKE OF THE WOODS	9.00E-02	1.03	6.56
MCMINNVILLE SPUR	46.62	46.85	6.56
EUGENE CONN.	121.87	121.94	6.56
REDWOOD SPUR	1.12	1.24	6.56
TERRITORIAL	19.41	19.49	6.56
SOUTH KLAMATH FALLS	3.87	4.32	6.56
HILLSBORO-SILVERTON	21.2	21.61	6.56
NORTH SANTIAM	9.3	11.33	6.56
CASCADE HWY SOUTH	5.73	5.86	6.56
REDWOOD SPUR	1	1.12	6.56
NORTH SANTIAM	11.54	13.13	6.56
NEHALEM	88.81560388	88.83	6.56
OREGON COAST	115.23	115.32	6.54
OREGON COAST	189.73	189.79	6.54
OREGON COAST	115.44	115.53	6.54
WALLOWA LAKE	1.14E-13	0.22	6.54
BAKER-COPPERFIELD	0.18	0.19	6.54
OREGON-WASHINGTON	29.92	30.01	6.54
OREGON COAST	235.41	235.5	6.54
OREGON COAST	114.52	114.64	6.54
OREGON COAST	117.61	117.8	6.54
OREGON-WASHINGTON	30.59	30.62	6.54
OREGON-WASHINGTON	30.3	30.34	6.54
WALLOWA LAKE	0.28	0.33	6.54
OREGON COAST	114.8	114.83	6.54
OREGON COAST	140.32	140.36	6.54
OREGON COAST	189.56	189.61	6.54
OREGON-WASHINGTON	30.25	30.3	6.54
OREGON-WASHINGTON	26.92	26.93	6.54
OREGON-WASHINGTON	30.5	30.55	6.54
OREGON COAST	114.64	114.8	6.54
CENTRAL OREGON	0.6	0.68	6.54
OREGON COAST	140.37	140.42	6.54
OREGON-WASHINGTON	30.01	30.07	6.54
OREGON COAST	189.67	189.73	6.54
OREGON COAST	115.19	115.23	6.54
OREGON COAST	189.44	189.5	6.54
OREGON COAST	189.97	190.03	6.54
OREGON-WASHINGTON	30.34	30.41	6.54
OREGON COAST	140.66	140.73	6.54
OREGON COAST	140.52	140.57	6.54
OREGON COAST	189.79	189.85	6.54
OREGON-WASHINGTON	30.19	30.25	6.54
OREGON-WASHINGTON	30.13	30.19	6.54
OREGON COAST	115.32	115.34	6.54
OREGON COAST	140.36	140.37	6.54
OREGON COAST	115.08	115.13	6.54
OREGON COAST	115.53	115.56	6.54
OREGON COAST	189.85	189.97	6.54
OREGON COAST	140.57	140.66	6.54
OREGON COAST	115.34	115.36	6.54
BAKER-COPPERFIELD	1.14E-13	6.00E-02	6.54
OREGON COAST	140.28	140.32	6.54
OREGON-WASHINGTON	-0.77	-0.72	6.54
OREGON COAST	115.03	115.08	6.54
BAKER-COPPERFIELD	6.00E-02	0.12	6.54
OREGON COAST	117.83	117.94	6.54
OREGON-WASHINGTON	26.88	26.92	6.54
OREGON COAST	239.25	239.26	6.54
OREGON COAST	115.13	115.19	6.54
OREGON COAST	117.94	118	6.54
OREGON COAST	239.26	239.31	6.54
OREGON-WASHINGTON	30.55	30.59	6.54
WALLOWA LAKE	0.24	0.28	6.54
OREGON COAST	189.61	189.67	6.54
OREGON COAST	113.97	114.02	6.54

OREGON COAST	235.31	235.41	6.54
WALLOWA LAKE	0.33	0.39	6.54
OREGON COAST	235.22	235.31	6.54
OREGON COAST	235.5	235.51	6.54
OREGON COAST	115.36	115.44	6.54
OREGON-WASHINGTON	30.43	30.47	6.54
OREGON COAST	140.49	140.52	6.54
OREGON COAST	114.91	115.03	6.54
OREGON COAST	357.08	357.16	6.54
OREGON COAST	117.8	117.83	6.54
OREGON-WASHINGTON	30.41	30.43	6.54
OREGON COAST	113.82	113.97	6.54
OREGON-WASHINGTON	30.47	30.5	6.54
OREGON COAST	114.83	114.91	6.54
OREGON COAST	140.42	140.49	6.54
OREGON-WASHINGTON	30.07	30.13	6.54
OREGON COAST	189.5	189.56	6.54
OREGON COAST	239.11	239.25	6.54
WALLOWA LAKE	0.22	0.24	6.54
PACIFIC HIGHWAY WEST	84.33	84.39	6.54
ROGUE VALLEY	18.53	18.6	6.54
ROGUE VALLEY	18.69	18.79	6.54
PACIFIC HIGHWAY WEST	123.15	123.23	6.54
ROGUE VALLEY	18.87	18.93	6.54
LA GRANDE-BAKER	51.85	51.92	6.54
SALEM	5.47	5.56	6.54
UMATILLA-STANFIELD	5.53	5.59	6.54
PENDLETON	3.82	3.84	6.54
UMATILLA-STANFIELD	4.93	4.98	6.54
UMATILLA-STANFIELD	4.98	5.03	6.54
COOS BAY-ROSEBURG	73.47	73.52	6.54
UMATILLA-STANFIELD	5.46	5.53	6.54
UMATILLA-STANFIELD	4.89	4.93	6.54
UMATILLA-STANFIELD	5.03	5.09	6.54
LA GRANDE-BAKER	51.92	51.98	6.54
UMATILLA-STANFIELD	10.9	10.98	6.54
UMATILLA-STANFIELD	5.22	5.4	6.54
ROGUE VALLEY	18.83	18.87	6.54
LA GRANDE-BAKER	51.73	51.79	6.54
LA GRANDE-BAKER	51.98	52.04	6.54
ROGUE VALLEY	18.52	18.53	6.54
ROGUE VALLEY	18.6	18.65	6.54
COOS BAY-ROSEBURG	73.52	73.58	6.54
LA GRANDE-BAKER	51.79	51.85	6.54
UMATILLA-STANFIELD	5.4	5.46	6.54
PENDLETON-JOHN DAY	3.00E-02	6.00E-02	6.54
UMATILLA-STANFIELD	4.84	4.89	6.54
PACIFIC HIGHWAY WEST	123.23	123.3	6.54
ROGUE VALLEY	18.44	18.52	6.54
LA GRANDE-BAKER	2.19	2.28	6.54
ROGUE VALLEY	18.79	18.83	6.54
UMATILLA-STANFIELD	10.98	11.03	6.54
LA GRANDE-BAKER	2.1	2.19	6.54
PENDLETON-JOHN DAY	5.00E-02	8.00E-02	6.54
ROGUE VALLEY	18.65	18.66	6.54
CORVALLIS-NEWPORT	1.14E-13	5.00E-02	6.54
ROGUE VALLEY	18.66	18.69	6.54
PACIFIC HIGHWAY WEST	84.39	84.49	6.54
LOWER COLUMBIA RIVER	98.9	99.04	6.54
GOSHEN-DIVIDE	14.12	14.15	6.54
CAPE ARAGO	0.27	0.32	6.54
CAPE ARAGO	1.14E-13	5.00E-02	6.54
CAPE ARAGO	0.21	0.27	6.54
LOWER COLUMBIA RIVER	98.46	98.5	6.54
CAPE ARAGO	0.11	0.16	6.54
LOWER COLUMBIA RIVER	98.56	98.61	6.54
CAPE ARAGO	-5.00E-02	1.14E-13	6.54
CAPE ARAGO	5.00E-02	0.11	6.54
CAPE ARAGO	0.16	0.21	6.54
LOWER COLUMBIA RIVER	99.15	99.29	6.54
HERMISTON	6.93	7.05	6.54
LOWER COLUMBIA RIVER	99.04	99.05	6.54
CAPE ARAGO	0.32	0.63	6.54
LOWER COLUMBIA RIVER	99.05	99.09	6.54
LOWER COLUMBIA RIVER	98.5	98.56	6.54
MCKENZIE	1.14E-13	0.24	6.53
MCKENZIE	1.14E-13	0.24	6.53

MCKENZIE	-6.00E-02	1.14E-13	6.53
PACIFIC HIGHWAY WEST	14.52	14.67	6.53
BELTLINE	1.96	2.22	6.53
PACIFIC HIGHWAY WEST	125.81	125.94	6.53
PACIFIC HIGHWAY WEST	14.52	14.68	6.53
MARINE DRIVE CONN. NO. 4	5.72	5.76	6.53
WEST FRONTAGE RD.	-5.88	-5.86	6.53
OREGON COAST	190.59	190.63	6.51
OREGON COAST	190.74	190.77	6.51
OREGON COAST	190.53	190.59	6.51
NORTHEAST PORTLAND	1.29	1.31	6.49
PACIFIC HIGHWAY WEST	16.19	16.46	6.48
PARK PLACE FRONTAGE RD.	10.3	10.31	6.48
OCHOCO	0.53	0.58	6.48
TUALATIN VALLEY	18.58	19.18	6.48
OCHOCO	0.58	0.84	6.48
PACIFIC HIGHWAY WEST	15.95	16.19	6.48
PACIFIC HIGHWAY WEST	15.95	16.67	6.48
PARK PLACE FRONTAGE RD.	10.25	10.3	6.48
PACIFIC HIGHWAY WEST	16.46	16.66	6.48
PARK PLACE FRONTAGE RD.	10.21	10.25	6.48
TUALATIN VALLEY	19.18	19.96	6.48
PARK PLACE FRONTAGE RD.	10.567	10.57	6.48
CLACKAMAS-BORING	0.5	1.03	6.48
NEHALEM	88.93	89.99	6.48
PACIFIC HIGHWAY WEST	110.29	110.78	6.4
PACIFIC HIGHWAY WEST	115.83	115.84	6.4
SALEM ROAD AND DRIVEWAY FR	23.5	23.52	6.4
PACIFIC HIGHWAY WEST	110.78	110.9	6.4
PACIFIC HIGHWAY WEST	110.9	111.22	6.4
HOLMAN FRONTAGE RD.	22.83	22.91	6.4
FRONTAGE RD. CONN.	23.13	23.14	6.4
PACIFIC HIGHWAY WEST	115.78	115.83	6.4
PACIFIC HIGHWAY WEST	111.28	112.77	6.4
PACIFIC HIGHWAY WEST	114.28	115.78	6.4
PACIFIC HIGHWAY WEST	111.22	111.28	6.4
MAPLETON-JUNCTION CITY	51.54	51.59	6.4
MAPLETON-JCT CITY HWY CONN	111.22	111.3	6.4
OREGON COAST	113.4	113.44	6.37
OREGON-WASHINGTON	-0.19	-0.15	6.37
MCKENZIE	2.83	2.91	6.37
OREGON COAST	117.05	117.16	6.37
OREGON COAST	66.17	66.25	6.37
OREGON-WASHINGTON	-0.35	-0.31	6.37
OREGON COAST	65.74	65.79	6.37
OREGON-WASHINGTON	-0.1	-2.00E-02	6.37
THE DALLES-CALIFORNIA	92.68	92.78	6.37
OREGON COAST	65.68	65.72	6.37
OREGON COAST	117.39	117.46	6.37
12TH ST. CONN.	66.24	66.27	6.37
OREGON COAST	117.2	117.29	6.37
THE DALLES-CALIFORNIA	92.78	92.86	6.37
OREGON COAST	113.36	113.4	6.37
SANTIAM	27.42	27.53	6.37
THE DALLES-CALIFORNIA	92.94	93.04	6.37
OREGON COAST	65.64	65.68	6.37
THE DALLES-CALIFORNIA	92.95	93.04	6.37
OREGON COAST	113.62	113.66	6.37
OREGON COAST	235.2	235.33	6.37
OREGON COAST	116.98	117.05	6.37
SANTIAM	27.42	27.53	6.37
OREGON COAST	116.52	116.65	6.37
OREGON COAST	238.52	238.63	6.37
OREGON-WASHINGTON	-0.26	-0.19	6.37
SANTIAM	13.52	13.7	6.37
OREGON COAST	235.33	235.42	6.37
OREGON COAST	116.73	116.75	6.37
OREGON COAST	66.12	66.17	6.37
OREGON COAST	116.75	116.84	6.37
THE DALLES-CALIFORNIA	92.86	92.95	6.37
OREGON COAST	113.02	113.14	6.37
OREGON COAST	235.13	235.2	6.37
OREGON COAST	65.72	65.77	6.37
SANTIAM	27.35	27.42	6.37
OREGON COAST	116.65	116.73	6.37
OREGON COAST	113.53	113.62	6.37
THE DALLES-CALIFORNIA	92.86	92.94	6.37

OREGON COAST	65.69	65.74	6.37
SANTIAM	27.35	27.42	6.37
OREGON COAST	113.29	113.36	6.37
OREGON-WASHINGTON	-0.15	-0.1	6.37
OREGON COAST	65.77	65.82	6.37
OREGON COAST	113.14	113.18	6.37
OREGON COAST	66.15	66.24	6.37
OREGON-WASHINGTON	-0.31	-0.26	6.37
OREGON-WASHINGTON	26.86	26.88	6.37
OREGON COAST	113.44	113.53	6.37
REDWOOD	0.12	0.2	6.37
SANTIAM	13.46	13.52	6.37
OREGON COAST	117.16	117.2	6.37
OREGON COAST	113.18	113.29	6.37
OREGON COAST	116.47	116.52	6.37
OREGON COAST	65.59	65.64	6.37
OREGON COAST	117.29	117.39	6.37
OCHOCO	18.19	18.24	6.37
SALEM	6.2	6.24	6.37
PENDLETON-JOHN DAY	6.00E-02	0.1	6.37
PENDLETON-JOHN DAY	0.12	0.17	6.37
PENDLETON-JOHN DAY	0.39	0.4	6.37
PACIFIC HIGHWAY WEST	23.35	23.41	6.37
PENDLETON-JOHN DAY	0.99	1.04	6.37
PACIFIC HIGHWAY WEST	23.45	23.51	6.37
PENDLETON-JOHN DAY	0.47	0.49	6.37
PENDLETON-JOHN DAY	0.14	0.24	6.37
MISSION ST. CONN. NO. 3	6.1	6.23	6.37
PENDLETON-JOHN DAY	0.94	0.99	6.37
MT. HOOD	24.5	24.58	6.37
OCHOCO	18.24	18.26	6.37
OCHOCO	18.04	18.09	6.37
VANCOUVER AVE. CONN. NO. 1	5.05	5.12	6.37
PACIFIC HIGHWAY WEST	84.07	84.16	6.37
PENDLETON	2.61	2.64	6.37
PENDLETON-JOHN DAY	0.54	0.59	6.37
PENDLETON	2.54	2.57	6.37
PACIFIC HIGHWAY WEST	83.35	83.42	6.37
PACIFIC HIGHWAY WEST	83.42	83.49	6.37
MT. HOOD	23.97	24.06	6.37
PENDLETON	2.64	2.76	6.37
COOS BAY-ROSEBURG	72.77	72.88	6.37
SALEM	6.2	6.22	6.37
PACIFIC HIGHWAY WEST	37.12	37.17	6.37
ROGUE VALLEY	19.05	19.12	6.37
OCHOCO	18.14	18.2	6.37
MISSION ST. CONN. NO. 3	6.23	6.24	6.37
ALBANY-CORVALLIS	10.77	10.83	6.37
OCHOCO	18.26	18.27	6.37
PACIFIC HIGHWAY WEST	25.96	26.03	6.37
PENDLETON	2.6	2.78	6.37
PENDLETON-JOHN DAY	0.8	0.84	6.37
PENDLETON	3.72	3.77	6.37
PACIFIC HIGHWAY WEST	23.81	23.86	6.37
WILSON RIVER	3.00E-02	9.00E-02	6.37
PACIFIC HIGHWAY WEST	23.22	23.23	6.37
PENDLETON	3.61	3.64	6.37
LA GRANDE-BAKER	52.04	52.05	6.37
PENDLETON-JOHN DAY	0.49	0.54	6.37
LA GRANDE-BAKER	1.23	1.27	6.37
PACIFIC HIGHWAY WEST	23.18	23.22	6.37
PENDLETON	2.57	2.58	6.37
PENDLETON-JOHN DAY	0.73	0.8	6.37
SALEM	4.43	4.48	6.37
E. SANDY CONN.	24.57	24.59	6.37
PENDLETON-JOHN DAY	0.69	0.73	6.37
SALEM	5.93	6.13	6.37
MT. HOOD	24.52	24.57	6.37
ALBANY-CORVALLIS	10.72	10.77	6.37
PENDLETON	3.77	3.78	6.37
PACIFIC HIGHWAY WEST	23.41	23.47	6.37
PENDLETON-JOHN DAY	0.59	0.64	6.37
OCHOCO	18.09	18.16	6.37
PACIFIC HIGHWAY WEST	37.12	37.25	6.37
ALBANY-CORVALLIS	10.91	10.96	6.37
SALEM	6.22	6.28	6.37
OCHOCO	18.23	18.26	6.37

SALEM	6.24	6.3	6.37
PACIFIC HIGHWAY WEST	83.28	83.35	6.37
PENDLETON-JOHN DAY	0.29	0.39	6.37
ROGUE VALLEY	19.03	19.05	6.37
MONMOUTH-INDEPENDENCE	1.99	2.07	6.37
SALEM	6.14	6.2	6.37
PENDLETON	2.58	2.61	6.37
PACIFIC HIGHWAY WEST	83.28	83.35	6.37
OCHOCO	18.09	18.11	6.37
SALEM	4.47	4.58	6.37
PACIFIC HIGHWAY WEST	83.35	83.42	6.37
PENDLETON	3.64	3.68	6.37
CORVALLIS-NEWPORT	0.39	0.52	6.37
PENDLETON-JOHN DAY	0.22	0.32	6.37
MT. HOOD	24.43	24.5	6.37
WILSON RIVER	1.14E-13	6.00E-02	6.37
OCHOCO	18.2	18.23	6.37
PENDLETON-JOHN DAY	0.89	0.94	6.37
PACIFIC HIGHWAY WEST	23.2	23.21	6.37
PENDLETON-JOHN DAY	0.4	0.44	6.37
PENDLETON	2.57	2.6	6.37
PACIFIC HIGHWAY WEST	83.42	83.49	6.37
ALBANY-CORVALLIS	0.1	0.15	6.37
OCHOCO	18.26	18.35	6.37
ALBANY-CORVALLIS	10.96	10.99	6.37
PENDLETON-JOHN DAY	0.17	0.22	6.37
W. SANDY CONN.	23.97	23.98	6.37
TUALATIN VALLEY	16.67	16.73	6.37
OCHOCO	18.04	18.09	6.37
PENDLETON-JOHN DAY	0.1	0.14	6.37
MT. HOOD	23.96	24.04	6.37
SALEM	5.69	5.77	6.37
SALEM	5.65	5.75	6.37
PENDLETON-JOHN DAY	1.04	1.09	6.37
PENDLETON-JOHN DAY	0.44	0.47	6.37
ALBANY-CORVALLIS	0.15	0.23	6.37
ROGUE VALLEY	19.02	19.05	6.37
SALEM	6.13	6.2	6.37
PACIFIC HIGHWAY WEST	32.23	32.29	6.37
SALEM	5.56	5.65	6.37
PACIFIC HIGHWAY WEST	32.52	32.57	6.37
OCHOCO	18.11	18.14	6.37
PACIFIC HIGHWAY WEST	83.98	84.07	6.37
COOS BAY-ROSEBURG	72.68	72.77	6.37
PACIFIC HIGHWAY WEST	26.23	26.3	6.37
OCHOCO	18.16	18.19	6.37
PENDLETON	3.68	3.75	6.37
PACIFIC HIGHWAY WEST	37.76	37.77	6.37
PACIFIC HIGHWAY WEST	84	84.07	6.37
PENDLETON-JOHN DAY	0.32	0.37	6.37
PENDLETON-JOHN DAY	0.84	0.89	6.37
WILSON RIVER	1.14E-13	3.00E-02	6.37
MONMOUTH-INDEPENDENCE	2.07	2.14	6.37
PACIFIC HIGHWAY WEST	23.39	23.45	6.37
N. THURSTON ST CONN. NO. 4	1.98	2.01	6.37
CORVALLIS-LEBANON	-1.00E-02	1.14E-13	6.37
JACKSONVILLE	33.67	33.8	6.37
HILLSBORO-SILVERTON	50.35	50.44	6.37
MADRAS-PRINEVILLE	26.07	26.19	6.37
KINGS VALLEY	3.3	3.38	6.37
KINGS VALLEY	2.94	2.98	6.37
NORTH UMPQUA HIGHWAY EAST	-0.49	-0.47	6.37
NORTH UMPQUA HIGHWAY EAST	-0.47	-0.42	6.37
HILLSBORO-SILVERTON	50.64	50.68	6.37
HILLSBORO-SILVERTON	50.59	50.64	6.37
SILVER CREEK FALLS	40.81	40.84	6.37
LOWER COLUMBIA RIVER	97.58	97.62	6.37
GOSHEN-DIVIDE	14.79	14.84	6.37
KINGS VALLEY	2.92	2.94	6.37
CORVALLIS-LEBANON	-0.1	-5.00E-02	6.37
MADRAS-PRINEVILLE	26.19	26.21	6.37
KINGS VALLEY	3.94	4	6.37
HILLSBORO-SILVERTON	50.68	50.72	6.37
LOWER COLUMBIA RIVER	97.62	97.71	6.37
LOWER COLUMBIA RIVER	97.96	98.05	6.37
REDWOOD HWY CONN. NO. 1	0.18	0.23	6.37
PINE ST. CONN. NO. 2	-0.24	-0.238	6.37

REDWOOD HWY CONN. NO. 2	0.168037599	0.18	6.37
HILLSBORO-SILVERTON	50.29	50.35	6.37
GOSHEN-DIVIDE	14.79	14.84	6.37
PINE ST. CONN. NO. 2	0.24	0.26	6.37
CORVALLIS-LEBANON	1.14E-13	0.13	6.37
KINGS VALLEY	3.86	3.92	6.37
CORVALLIS-LEBANON	-5.00E-02	1.14E-13	6.37
KINGS VALLEY	3.77	3.86	6.37
KINGS VALLEY	3.38	3.45	6.37
JACKSONVILLE	0.17	0.19	6.37
CORVALLIS-LEBANON	-6.00E-02	-1.00E-02	6.37
MADRAS-PRINEVILLE	26.21	26.28	6.37
NORTH UMPQUA HIGHWAY EAST	-0.36	-0.31	6.37
HILLSBORO-SILVERTON	20.1	20.15	6.37
KINGS VALLEY	2.98	3.09	6.37
HILLSBORO-SILVERTON	20.15	20.19	6.37
CORVALLIS-LEBANON	1.14E-13	6.00E-02	6.37
NORTH UMPQUA HIGHWAY EAST	-0.42	-0.41	6.37
CORVALLIS-LEBANON	6.00E-02	0.13	6.37
KINGS VALLEY	3.33	3.4	6.37
LOWER COLUMBIA RIVER	98.39	98.44	6.37
NETARTS	9.03	9.08	6.37
REDWOOD HWY CONN. NO. 2	0.14	0.17	6.37
CORVALLIS-LEBANON	-0.1	-6.00E-02	6.37
GOSHEN-DIVIDE	14.75	14.79	6.37
PINE ST. CONN. NO. 1	-0.23	-0.14	6.37
LOWER COLUMBIA RIVER	98.06	98.13	6.37
LOWER COLUMBIA RIVER	97.96	98.05	6.37
KINGS VALLEY	4.19	4.28	6.37
KINGS VALLEY	2.55	2.61	6.37
JACKSONVILLE	33.58	33.67	6.37
LOWER COLUMBIA RIVER	97.89	97.96	6.37
NORTH UMPQUA HIGHWAY EAST	-0.56	-0.32	6.37
KINGS VALLEY	3.4	3.5	6.37
NORTH UMPQUA HIGHWAY EAST	-0.41	-0.36	6.37
NORTH UMPQUA HIGHWAY EAST	-0.65	-0.49	6.37
REDWOOD HWY CONN. NO. 1	0.14	0.15	6.37
LOWER COLUMBIA RIVER	98.05	98.06	6.37
KINGS VALLEY	3.92	3.94	6.37
KINGS VALLEY	2.94	2.98	6.37
OCHOCO HWY CONN. NO. 1	26.19	26.22	6.37
REDWOOD HWY CONN. NO. 1	0.15	0.18	6.37
MADRAS-PRINEVILLE	26.07	26.24	6.37
GREELEY AVE. CONN. NO. 2	302.62	303.08	6.32
GREELEY AVE. CONN. NO. 2	303.08	303.083	6.32
PORTLAND BLVD. CONN. NO. 5	304.91	305	6.32
GREELEY AVE. CONN. NO. 1	302.92	302.9541943	6.32
GREELEY AVE. CONN. NO. 1	302.92	303.5	6.32
W. MARQUAM INTCHG. CONN. 1	299.966	299.97	6.32
BROADWAY CONN. NO. 7	0.97	1.05	6.32
SUNSET	73.8	74	6.32
SUNSET CONN. NO. 8	1.09	1.15	6.32
SUNSET CONN. NO. 7	1.5	1.54	6.32
FOSTER&WOODSTOCK CONN. #4	17.81	17.91	6.32
W. MARQUAM INTCHG. CONN. 1	0.518	0.519873722	6.32
PACIFIC HIGHWAY WEST	1.31	1.43	6.32
PACIFIC HIGHWAY WEST	-0.44	-0.29	6.32
BROADWAY CONN. NO. 4	1.05	1.15	6.32
PACIFIC HIGHWAY WEST	1.27	1.31	6.32
W. MARQUAM INTCHG. CONN. 1	0.27	0.7	6.32
W. MARQUAM CONN. NO. 2	1.2	1.4	6.32
FOSTER&WOODSTOCK CONN. #2	17.77	17.87	6.32
W. MARQUAM INTCHG. CONN. 1	0.38	0.61	6.32
S. WEST LINN CONN. NO. 2	6.46	6.57	6.32
PACIFIC HIGHWAY WEST	-5.19	-4.75	6.32
SUNSET	73.81	73.97	6.32
PACIFIC HIGHWAY WEST	1.25	1.27	6.32
W. MARQUAM INTCHG. CONN. 1	0.38	0.426	6.32
STARK-WASHINGTON ST CONN 2	20.61	20.68	6.32
WILSON RIVER	0.76	1.8	6.32
MT. HOOD	-0.1	1.00E-02	6.32
MT. HOOD	5.58E-03	1.00E-02	6.32
CLACKAMAS	8.49	8.69	6.32
SW 72ND AVE. CONN. NO. 2	6.63	6.74	6.32
W. STEEL BRIDGE CONN. #1	-0.29	-0.19	6.32
BEAVERTON-TUALATIN	3.31	3.48	6.32
HISTORIC COLUMBIA RIVER	1.14E-13	8.00E-02	6.32

CLACKAMAS	8.31	8.49	6.32
CLACKAMAS	8.69	8.85	6.32
BEAVERTON-TUALATIN	3.84	4.09	6.32
GOSHEN-DIVIDE	15.36	15.48	6.32
W. STEEL BRIDGE CONN. #3	-0.34	-0.29	6.32
PACIFIC HIGHWAY WEST	109.28	109.34	6.3
PACIFIC HIGHWAY WEST	109.4	109.47	6.3
PACIFIC HIGHWAY WEST	109.59	109.63	6.3
PACIFIC HIGHWAY WEST	109.17	109.25	6.3
PACIFIC HIGHWAY WEST	109.25	109.28	6.3
PACIFIC HIGHWAY WEST	109	109.05	6.3
PACIFIC HIGHWAY WEST	109.47	109.52	6.3
PACIFIC HIGHWAY WEST	109.52	109.59	6.3
PACIFIC HIGHWAY WEST	109.34	109.4	6.3
PACIFIC HIGHWAY WEST	109.05	109.11	6.3
PACIFIC HIGHWAY WEST	109.11	109.17	6.3
COLUMBIA RIVER	182.66	182.71	6.29
COLUMBIA RIVER	182.71	182.76	6.29
MONMOUTH-INDEPENDENCE	1.81	1.92	6.29
MONMOUTH-INDEPENDENCE	0.96	1.02	6.29
MONMOUTH-INDEPENDENCE	0.78	0.93	6.29
MONMOUTH-INDEPENDENCE	0.93	0.96	6.29
MONMOUTH-INDEPENDENCE	1.79	1.81	6.29
MONMOUTH-INDEPENDENCE	1.78	1.79	6.29
MONMOUTH-INDEPENDENCE	1.7	1.78	6.29
REVERE AVE. CONN. NO. 2	137.2	137.22	6.28
LOWER BOONES FERRY RD CN 2	290.32	290.41	6.28
NYBERG RD. CONN. NO. 2	289.62	289.7	6.28
REED MARKET RD. CONN. NO 2	139.23	139.24	6.28
NYBERG RD. CONN. NO. 2	289.56	289.62	6.28
OSWEGO	6.7	6.8	6.28
REED MARKET RD. CONN. NO 3	139.01	139.25	6.28
OSWEGO	6.67	6.7	6.28
BIDDLE RD. CONN. NO. 2	0.72	0.9	6.28
207TH AVE. INTCHG. CONN. 2	14.44	14.51	6.28
LOWER BOONES FERRY RD CN 2	290.53	290.57	6.28
BIDDLE RD. CONN. NO. 1	0.81	0.94	6.28
REED MARKET RD. CONN. NO 2	139.22	139.23	6.28
NE 238TH AVE. CONN. NO. 5	16.05	16.06	6.28
185TH AVE. CONN. NO. 2	64.29	64.34	6.28
PACIFIC HWY. WEST CONN.	44.21	44.3	6.28
185TH AVE. CONN. NO. 2	64.34	64.39	6.28
PACIFIC HIGHWAY WEST	123.15	123.23	6.28
185TH AVE. CONN. NO. 2	64.09	64.09396422	6.28
PACIFIC HIGHWAY WEST	123.11	123.15	6.28
PACIFIC HIGHWAY WEST	123.07	123.11	6.28
COBURG RD. CONN. NO. 1	1.91	1.94	6.28
SOUTHWOOD LANE FRONT. RD.	1.81	2.04	6.28
COBURG RD. CONN. NO. 1	1.74	1.8	6.28
COBURG RD. CONN. NO. 1	2.1	2.14	6.28
COBURG RD. CONN. NO. 1	2.14	2.16	6.28
COBURG RD. CONN. NO. 1	1.71	1.74	6.28
COBURG RD. CONN. NO. 1	1.8	1.91	6.28
CEDARWOOD RD. FRONT. RD.	1.76	1.92	6.28
OREGON COAST	65.01	65.06	6.26
UMATILLA-STANFIELD	4.33	4.52	6.26
ALBANY-JUNCTION CITY	6.86	7.13	6.26
JACKSONVILLE	37.72	37.85	6.26
FARMINGTON	6.67	6.72	6.18
FARMINGTON	6.66	6.67	6.18
OSWEGO	11.36	11.37	6.13
WILSON RIVER	0.22	0.28	6.13
OCEAN PLACE CONN.	0.22	0.26	6.13
MT. HOOD HWY CONN. NO. 1	1.57	1.62	6.13
WILSON RIVER	0.11	0.18	6.13
WILSON RIVER	0.14	0.2	6.13
N.E. PORTLAND HWY. FRONTAG	0.35	0.4	6.13
WILSON RIVER	0.2	0.22	6.13
WILSON RIVER	6.00E-02	0.11	6.13
CLACKAMETTE PARK CONN NO 2	11.64	11.78	6.13
WILSON RIVER	9.00E-02	0.14	6.13
STRAWBERRY LN. FRONTAGE RD	11.98	12.05	6.13
SALEM-DAYTON	0.28	0.34	6.13
HILLSBORO-SILVERTON	0.18	0.26	6.13
WILLAMINA-SHERIDAN	7	7.06	6.13
MONMOUTH	7.02	7.09	6.13
YAMHILL-NEWBERG	11.26	11.27	6.13

BEAVERTON-TUALATIN	5.18	5.24	6.13
BEAVERTON-TUALATIN	5.53	5.6	6.13
GOSHEN-DIVIDE	15.07	15.15	6.13
FORT STEVENS	1.14E-13	0.1	6.13
YAMHILL-NEWBERG	11.17	11.22	6.13
FORT STEVENS	0.25	0.37	6.13
BEAVERTON-TUALATIN	5.27	5.4	6.13
SALEM-DAYTON	0.34	0.41	6.13
WILLAMINA-SHERIDAN	7.06	7.13	6.13
SE DARTMOUTH ST. FRONT. RD	5.37	5.44	6.13
BEAVERTON-TUALATIN	5.12	5.18	6.13
YAMHILL-NEWBERG	11.22	11.26	6.13
BEAVERTON-TUALATIN	5.4	5.53	6.13
SALEM-DAYTON	0.41	0.48	6.13
SALEM-DAYTON	0.59	0.61	6.13
SALEM-DAYTON	0.54	0.59	6.13
NETARTS	8.62	8.67	6.13
GOSHEN-DIVIDE	14.97	15.07	6.13
AMITY-DAYTON	9.12	9.19	6.13
FORT STEVENS	0.1	0.17	6.13
FORT STEVENS	0.17	0.25	6.13
SALEM-DAYTON	0.48	0.54	6.13
OREGON COAST	12.4	12.68	6.09
OREGON COAST	124.7	124.85	6.09
THE DALLES-CALIFORNIA	271.26	271.29	6.09
OREGON COAST	124.66	124.7	6.09
COLUMBIA RIVER	181.86	182.25	6.09
OREGON COAST	124.83	124.9	6.09
COLUMBIA RIVER	182.25	182.28	6.09
MCVAY LANE FRONTAGE RD.	361.16	361.54	6.09
OREGON COAST	362.43	362.95	6.09
OREGON COAST	60.5	60.71	6.09
OREGON COAST	186.88	187.23	6.09
COLUMBIA RIVER	181.42	181.62	6.09
OREGON COAST	16.91	17.03	6.09
MCKENZIE	11.17	11.28	6.09
OREGON COAST	60.35	60.44	6.09
OREGON COAST	136.79	136.81	6.09
OREGON COAST	361.16	361.52	6.09
OREGON COAST	138.14	138.15	6.09
MCKENZIE	11.28	11.32	6.09
OREGON COAST	17.42	17.48	6.09
OREGON COAST	362.1	362.13	6.09
COLUMBIA RIVER	181.39	181.42	6.09
OREGON-WASHINGTON	0.46	0.5	6.09
OREGON COAST	362.09	362.1	6.09
OREGON COAST	123.91	124	6.09
OREGON COAST	123.82	123.91	6.09
OREGON COAST	122.8	123.4	6.09
OREGON COAST	138.1	138.14	6.09
WILLAMETTE	1.29	2.26	6.09
OREGON COAST	124.9	124.91	6.09
GREEN SPRINGS HWY CONN.	59.05	59.18	6.09
OREGON COAST	147.33	147.94	6.09
THE DALLES-CALIFORNIA	271.29	271.43	6.09
OREGON-WASHINGTON	0.5	0.65	6.09
THE DALLES-CALIFORNIA	97.29	97.74	6.09
SANTIAM	11.46	11.71	6.09
OREGON COAST	23.17	23.99	6.09
THE DALLES-CALIFORNIA	270.28	271.25	6.09
COLUMBIA RIVER	182.28	182.38	6.09
OREGON COAST	17.15	17.28	6.09
THE DALLES-CALIFORNIA	96.83	96.9	6.09
OREGON COAST	143.84	144.01	6.09
OREGON COAST	17.12	17.15	6.09
OREGON COAST	123.74	123.82	6.09
E HOOD RIVER CONN. NO. 2	64.07	64.32	6.09
THE DALLES-CALIFORNIA	90.22	91.22	6.09
OREGON COAST	17.28	17.34	6.09
COLUMBIA RIVER	180.85	181.39	6.09
OREGON COAST	123.6	123.71	6.09
OREGON COAST	123.41	123.42	6.09
OREGON COAST	17.34	17.42	6.09
THE DALLES-CALIFORNIA	279.34	279.37	6.09
MCKENZIE	11.16	11.17	6.09
OREGON COAST	17.03	17.06	6.09
OREGON COAST	23.16	23.17	6.09

HENDRICKS BRIDGE FRONT. RD	11.17	11.31	6.09
OREGON COAST	124.66	124.7	6.09
OREGON COAST	145.64	145.79	6.09
OREGON COAST	12.19	12.4	6.09
OREGON COAST	123.4	123.41	6.09
OREGON COAST	138.22	138.23	6.09
MCKENZIE	11.32	11.34	6.09
OREGON COAST	147.94	147.99	6.09
WILLAMETTE	1.13	1.29	6.09
OREGON COAST	143.8	143.84	6.09
OREGON-WASHINGTON	0.33	0.46	6.09
OREGON COAST	60.44	60.5	6.09
OREGON COAST	145.6	145.64	6.09
OREGON COAST	145.48	145.6	6.09
OREGON COAST	138.15	138.22	6.09
THE DALLES-CALIFORNIA	97.1	97.29	6.09
OREGON COAST	361.52	362.09	6.09
THE DALLES-CALIFORNIA	279.31	279.34	6.09
MILLINGTON FRONTAGE RD.	241.28	241.5	6.09
OREGON COAST	123.91	123.95	6.09
OREGON COAST	124.7	124.83	6.09
OREGON COAST	17.06	17.12	6.09
OREGON COAST	124.85	124.9	6.09
OREGON COAST	123.71	123.74	6.09
OREGON COAST	241.5	241.77	6.09
THE DALLES-CALIFORNIA	96.9	97	6.09
OREGON COAST	138.23	138.3	6.09
THE DALLES-CALIFORNIA	278.42	279.31	6.09
OREGON COAST	354.46	354.83	6.09
THE DALLES-CALIFORNIA	271.25	271.26	6.09
OREGON COAST	123.42	123.46	6.09
OREGON COAST	147.99	148.2	6.09
OREGON COAST	123.42	123.91	6.09
MCKENZIE	11.1	11.16	6.09
ALBANY-CORVALLIS	9.25	9.32	6.09
MT. HOOD	101.8	101.82	6.09
OCHOCO	20.58	20.61	6.09
PACIFIC HIGHWAY WEST	18.74	18.92	6.09
PACIFIC HIGHWAY WEST	18.92	19.08	6.09
ALBANY-CORVALLIS	9.1	9.25	6.09
PENDLETON	0.71	1.15	6.09
PACIFIC HIGHWAY WEST	86.71	87.05	6.09
SALMON RIVER	49.89	49.91	6.09
PACIFIC HIGHWAY WEST	34.74	34.83	6.09
PENDLETON-JOHN DAY	5.84	5.86	6.09
PACIFIC HIGHWAY WEST	34.81	34.91	6.09
CORVALLIS-NEWPORT	52.37	52.58	6.09
ALSEA	58.54	58.56	6.09
ALBANY-CORVALLIS	8.53	9.1	6.09
CORVALLIS-NEWPORT	49.76	49.87	6.09
PENDLETON-JOHN DAY	3.77	4.48	6.09
ALBANY-CORVALLIS	9.47	9.59	6.09
PACIFIC HIGHWAY WEST	87.08	87.21	6.09
CORVALLIS-NEWPORT	52.58	52.6	6.09
WARM SPRINGS	116.81	117.12	6.09
PENDLETON-JOHN DAY	4.5	4.59	6.09
PACIFIC HIGHWAY WEST	17.89	18.21	6.09
PENDLETON	0.67	0.71	6.09
PACIFIC HIGHWAY WEST	77.9	77.94	6.09
PACIFIC HIGHWAY WEST	19.07	19.31	6.09
PACIFIC HIGHWAY WEST	32.79	32.97	6.09
OCHOCO	20.92	20.99	6.09
PACIFIC HIGHWAY WEST	34.92	35.17	6.09
PACIFIC HIGHWAY WEST	24.58	24.79	6.09
PACIFIC HIGHWAY WEST	13.6	13.62	6.09
SALMON RIVER	49.93	50.1	6.09
PACIFIC HIGHWAY WEST	18.76	19	6.09
PACIFIC HIGHWAY WEST	87.21	87.53	6.09
CORVALLIS-NEWPORT HWY CONN	58.5	58.55	6.09
TUALATIN VALLEY	42.41	42.43	6.09
SALMON RIVER	49.91	49.93	6.09
OCHOCO	20.99	21.08	6.09
PACIFIC HIGHWAY WEST	34.85	35.1	6.09
ALBANY-CORVALLIS	9.32	9.47	6.09
CORVALLIS-NEWPORT	52.32	52.37	6.09
WARM SPRINGS	115.85	115.86	6.09
PACIFIC HIGHWAY WEST	34.53	34.71	6.09

OCHOCO	20.67	20.92	6.09
PACIFIC HIGHWAY WEST	77.8	77.9	6.09
PACIFIC HIGHWAY WEST	32.77	32.79	6.09
PACIFIC HIGHWAY WEST	24.93	24.95	6.09
WARM SPRINGS	117.42	117.43	6.09
PENDLETON-JOHN DAY	5.58	5.84	6.09
WARM SPRINGS	114.73	115.85	6.09
SALMON RIVER	48.59	49.89	6.09
PENDLETON	0.59	0.67	6.09
LAFAYETTE HWY CONN. NO. 1	49.89	49.92	6.09
TUALATIN VALLEY	42.43	42.46	6.09
PACIFIC HIGHWAY WEST	24.95	25.02	6.09
PACIFIC HIGHWAY WEST	26.62	26.87	6.09
PACIFIC HIGHWAY WEST	19.12	19.33	6.09
PENDLETON-JOHN DAY	5.86	6.34	6.09
CORVALLIS-NEWPORT	49.73	49.76	6.09
WARM SPRINGS	116.4	116.79	6.09
PACIFIC HIGHWAY WEST	87.05	87.08	6.09
PENDLETON-JOHN DAY	4.48	4.5	6.09
TUALATIN VALLEY	42.43	42.46	6.09
PACIFIC HIGHWAY WEST	77.9	77.94	6.09
PACIFIC HIGHWAY WEST	13.62	13.75	6.09
TUALATIN VALLEY	42.41	42.43	6.09
PACIFIC HIGHWAY WEST	19.08	19.12	6.09
WARM SPRINGS	117.17	117.42	6.09
PACIFIC HIGHWAY WEST	24.79	24.93	6.09
PACIFIC HIGHWAY WEST	87.53	87.59	6.09
OCHOCO	20.61	20.67	6.09
PACIFIC HIGHWAY WEST	24.56	24.58	6.09
WARM SPRINGS	115.86	116.17	6.09
LAFAYETTE HWY CONN. NO. 2	49.94	49.97	6.09
PACIFIC HIGHWAY WEST	34.83	34.85	6.09
PACIFIC HIGHWAY WEST	18.21	18.76	6.09
CORVALLIS-NEWPORT	52.6	52.78	6.09
PACIFIC HIGHWAY WEST	34.71	34.74	6.09
PACIFIC HIGHWAY WEST	34.91	34.92	6.09
CORVALLIS-NEWPORT	49.23	49.73	6.09
PACIFIC HIGHWAY WEST	19.31	19.33	6.09
PACIFIC HIGHWAY WEST	18.21	18.74	6.09
WARM SPRINGS	116.79	116.81	6.09
CLACKAMAS-BORING	2.69	2.81	6.09
WASHBURN WAY CONN. NO. 5	2.8	3.14	6.09
JACKSONVILLE	2.68	2.77	6.09
SILVER CR. FALLS CONN NO 3	8.96	9.18	6.09
JACKSONVILLE	3.88	4.17	6.09
INDEPENDENCE	4.88	5.17	6.09
CLACKAMAS-BORING	1.87	2.04	6.09
CLACKAMAS-BORING	3.39	3.43	6.09
SOUTH KLAMATH FALLS	2.5	3.09	6.09
LAKE OF THE WOODS	-3.69	-3.65	6.09
SILVER CREEK FALLS	9.1	9.35	6.09
JACKSONVILLE	4.17	4.3	6.09
JACKSONVILLE	2.45	2.52	6.09
JACKSONVILLE	2.35	2.45	6.09
SOUTH KLAMATH FALLS	1.56	2.41	6.09
LAKE OF THE WOODS	-5.28	-3.69	6.09
SILVER CREEK FALLS	9.09	9.1	6.09
INDEPENDENCE	4.37	4.88	6.09
CHEHALEM RD. CONN.	18.78	18.79	6.09
CLACKAMAS-BORING	3.43	3.7	6.09
SOUTH KLAMATH FALLS	2.45	2.5	6.09
CLACKAMAS-BORING	2.35	2.5	6.09
SILVER CREEK FALLS	8.82	9.09	6.09
CHEHALEM RD. CONN.	18.79	18.96	6.09
JACKSONVILLE	2.77	2.84	6.09
CEDAR CREEK CONN.	18.21	18.25	6.09
SOUTH KLAMATH FALLS	0.65	1.56	6.09
CLACKAMAS-BORING	2.85	2.98	6.09
LAKE OF THE WOODS	2.74	2.79	6.09
HISTORIC COLUMBIA RIVER	51.26	51.42	6.09
CARPENTERVILLE	362.22	362.27	6.09
CLACKAMAS-BORING	8.61	8.62	6.09
JACKSONVILLE	2.58	2.68	6.09
SOUTH KLAMATH FALLS	2.41	2.45	6.09
CLACKAMAS-BORING	8.57	8.61	6.09
SILVER CR. FALLS CONN NO 3	8.94	8.96	6.09
LAKE OF THE WOODS	2.81	3.59	6.09

CLACKAMAS-BORING	2.04	2.23	6.09
LAKE OF THE WOODS	-1.16	-0.5	6.09
SILVER CREEK FALLS HWY 1	7	7.28	6.09
CLACKAMAS-BORING	2.98	3.37	6.09
WASHBURN WAY CONN. NO. 1	2.5	2.85	6.09
SILVER CR. FALLS CONN NO 1	8.94	9.04	6.09
CLACKAMAS-BORING	2.5	2.61	6.09
LOWER COLUMBIA RIVER	45.06	45.39	6.09
SILVER CREEK FALLS	8.94	9.09	6.09
SILVER CREEK FALLS	8.78	8.94	6.09
SOUTH KLAMATH FALLS	0.64	0.65	6.09
LOWER COLUMBIA RIVER	44.21	45.06	6.09
LAKE OF THE WOODS	2.79	2.81	6.09
CLACKAMAS-BORING	2.23	2.35	6.09
JACKSONVILLE	2.27	2.35	6.09
CLACKAMAS-BORING	7.61	8.37	6.09
JACKSONVILLE	2.52	2.58	6.09
CLACKAMAS-BORING	2.81	2.85	6.09
LAFAYETTE	1.14E-13	3.00E-02	6.09
CLACKAMAS-BORING	3.37	3.39	6.09
S SUNDIAL FRONTAGE RD.	16.99	17.22	6.04
WILSONVILLE CONN. NO. 2	283.93	283.98	6.04
S SUNDIAL FRONTAGE RD.	17.22	17.32	6.04
CEDAR HILLS BLVD CONN NO 2	68.5	68.57	6.04
CORNELL RD. CONN. NO. 3	65.8	65.89	6.04
SUNNYBROOK RD. CONN. NO. 2	14.35	14.43	6.04
SUNNYSIDE RD. CONN. NO. 1	14.65	14.7	6.04
SUNNYBROOK RD. CONN. NO. 2	14.22	14.28	6.04
CORNELL RD. CONN. NO. 1	65.68	65.89	6.04
STARK-WASHINGTON ST CONN 3	20.61	20.63	6.04
SUNNYSIDE RD. CONN. NO. 1	14.48	14.53	6.04
CEDAR HILLS BLVD CONN NO 2	68.34	68.38	6.04
SYLVAN CONN. NO. 3	71.25	71.29	6.04
CEDAR HILLS BLVD CONN NO 2	68.45	68.5	6.04
CORNELL RD. CONN. NO. 2	65.59	65.68	6.04
CORNELL RD. CONN. NO. 3	65.98	66.09	6.04
SYLVAN CONN. NO. 7	71.27	71.31	6.04
SYLVAN CONN. NO. 3	71.17	71.25	6.04
ALLEN BLVD. CONN. NO. 2	2.54	2.6	6.04
GREENBURG RD. CONN. NO. 2	4.85	4.9	6.04
ALLEN BLVD. CONN. NO. 2	2.46	2.47	6.04
ALLEN BLVD. CONN. NO. 2	2.6	2.64	6.04
GREENBURG FRONTAGE RD.	4.84	4.95	6.04
THE DALLES-CALIFORNIA	278.03	278.41	6
OREGON COAST	239.89	240.19	6
MCKENZIE-BEND	16.74	16.86	6
SANTIAM	18.67	19.38	6
REDWOOD	4.44	4.56	6
THE DALLES-CALIFORNIA	133	133.11	6
THE DALLES-CALIFORNIA	142.24	142.46	6
THE DALLES-CALIFORNIA	277.47	277.61	6
THE DALLES-CALIFORNIA	141.9	142.24	6
REDWOOD	6.14	6.35	6
OREGON COAST	360.85	360.91	6
OREGON COAST	240.24	240.31	6
N. SWEET HOME FRONTAGE RD.	25.91	26.42	6
OREGON COAST	359.32	359.34	6
THE DALLES-CALIFORNIA	117.47	117.79	6
REDWOOD	5.18	5.5	6
THE DALLES-CALIFORNIA	142.46	142.56	6
OREGON COAST	120.48	120.69	6
REDWOOD	2.05	2.27	6
CRATER LAKE	4.03	4.23	6
THE DALLES-CALIFORNIA	141.09	141.12	6
OREGON COAST	240.71	241.03	6
OREGON COAST	358.73	358.76	6
THE DALLES-CALIFORNIA	141.86	141.9	6
OREGON COAST	105.27	105.51	6
OREGON COAST	240.19	240.24	6
3RD ST. INCHG. CONN. NO. 2	141.09	141.39	6
OREGON COAST	360.48	360.85	6
REDWOOD	4.56	5.18	6
THE DALLES-CALIFORNIA	133.11	133.71	6
OREGON COAST	241.03	241.29	6
SANTIAM	17.73	17.88	6
REDWOOD	6.35	7.04	6
MCKENZIE-BEND	16.86	17.49	6

THE DALLES-CALIFORNIA	132.44	133	6
SANTIAM	17.18	17.73	6
MT. HOOD	16.26	16.28	6
MT. HOOD	19.59	19.96	6
PACIFIC HIGHWAY WEST	34.22	34.36	6
MT. HOOD	19.96	20.87	6
UMATILLA-STANFIELD	1.75	2.01	6
PACIFIC HIGHWAY WEST	118.69	118.71	6
HELVETIA RD. CONN. NO. 1	60.86	61.09	6
MT. HOOD	16.68	16.72	6
MT. HOOD	16.77	16.78	6
MT. HOOD	16.35	16.68	6
PACIFIC HIGHWAY EAST	44.46	44.58	6
HELVETIA RD. CONN. NO. 7	61.07	61.33	6
PACIFIC HIGHWAY WEST	24.43	24.51	6
PACIFIC HIGHWAY WEST	86.3	86.5	6
SALMON RIVER	-0.41	-0.11	6
UMATILLA-STANFIELD	8.08	8.43	6
PACIFIC HIGHWAY WEST	33.7	33.74	6
OCHOCO	13.34	15.52	6
MT. HOOD	16.35	16.68	6
HELVETIA RD. CONN. NO. 2	61.09	61.22	6
PACIFIC HIGHWAY EAST	44.34	44.46	6
PACIFIC HIGHWAY WEST	33.15	33.74	6
PACIFIC HIGHWAY WEST	20.96	21.08	6
PACIFIC HIGHWAY WEST	33.74	33.84	6
PACIFIC HIGHWAY WEST	34.22	34.39	6
MT. HOOD	16.78	16.83	6
PACIFIC HIGHWAY WEST	19.44	19.55	6
PACIFIC HIGHWAY WEST	19.33	19.43	6
UMATILLA-STANFIELD	7.33	7.45	6
HELVETIA RD. CONN. NO. 6	60.45	60.74	6
MT. HOOD	16.28	16.35	6
UMATILLA-STANFIELD	8.43	8.82	6
PACIFIC HIGHWAY WEST	21.08	21.2	6
PACIFIC HIGHWAY WEST	24.49	24.72	6
MT. HOOD	16.83	16.88	6
MT. HOOD	16.72	16.77	6
MT. HOOD	19.28	19.96	6
HELVETIA RD. CONN. NO. 6	60.74	60.752	6
MT. HOOD	16.24	16.26	6
MT. HOOD	16.14	16.19	6
PACIFIC HIGHWAY WEST	24.4	24.43	6
PACIFIC HIGHWAY WEST	24.51	24.58	6
MT. HOOD	16.19	16.24	6
S. ST. JOHNS BR FRONT. RD.	6.57	6.78	6
NORTH SANTIAM	5.19	5.21	6
LOWER COLUMBIA RIVER	30.75	30.9	6
NORTH SANTIAM	6.04	6.45	6
NORTH UMPQUA HIGHWAY EAST	3.35	3.7	6
LOWER COLUMBIA RIVER	30.9	31.02	6
NORTH SANTIAM	5.75	6.04	6
LEWIS & CLARK BR CONN NO 1	48.44	48.59	6
LOWER COLUMBIA RIVER	30.53	30.75	6
LOWER COLUMBIA RIVER	48.13	48.38	6
LOWER COLUMBIA RIVER	25.92	26	6
NORTH UMPQUA HIGHWAY EAST	3.18	3.31	6
LOWER COLUMBIA RIVER	16.44	16.49	6
NORTH SANTIAM	6.04	6.48	6
LOWER COLUMBIA RIVER	31.61	32.45	6
LOWER COLUMBIA RIVER	13.22	13.27	6
LOWER COLUMBIA RIVER	17.89	18.12	6
LAKE OF THE WOODS	63.96	65.56	6
LOWER COLUMBIA RIVER	26	26.36	6
JACKSONVILLE	37.58	37.72	6
LOWER COLUMBIA RIVER	6.78	6.83	6
LOWER COLUMBIA RIVER	48.51	48.62	6
NORTH SANTIAM	5.21	5.69	6
LOWER COLUMBIA RIVER	17.39	17.69	6
LOWER COLUMBIA RIVER	16.67	16.72	6
LOWER COLUMBIA RIVER	16.72	17.2	6
HELLS CANYON FRONTAGE RD.	19.46	19.56	6
JOSEPH ST. CONN. NO. 1	5.19	5.43	6
LOWER COLUMBIA RIVER	47.81	48.13	6
LOWER COLUMBIA RIVER	48.44	48.51	6
LOWER COLUMBIA RIVER	18.12	18.37	6
NORTH SANTIAM	5.69	5.75	6

LOWER COLUMBIA RIVER	11.06	11.26	6
LOWER COLUMBIA RIVER	11.26	11.65	6
JOSEPH ST. CONN. NO. 2	5.43	5.69	6
NORTH UMPQUA HIGHWAY EAST	3.31	3.35	6
CHIMES CREST FRONT RD NO 2	30.17	30.21	6
LOWER COLUMBIA RIVER	17.69	17.89	6
LOWER COLUMBIA RIVER	16.49	16.67	6
LOWER COLUMBIA RIVER	30.17	30.53	6
JOSEPH ST. CONN. NO. 4	4.97	5.21	6
LAKE OF THE WOODS	65.56	67.22	6
LOWER COLUMBIA RIVER	48.38	48.44	6
LAKE OF THE WOODS	-6.92	-5.88	6
LOWER COLUMBIA RIVER	17.2	17.39	6
JOSEPH ST. CONN. NO. 3	5.75	6.05	6
NORTH UMPQUA HIGHWAY EAST	3.7	3.82	6
COLUMBIA RIVER	182.82	182.87	5.99
OREGON COAST	238.01	238.06	5.99
OSWEGO	0.15	0.2	5.99
OREGON COAST	238.4	238.5	5.99
COLUMBIA RIVER	182.96	183.03	5.99
COLUMBIA RIVER	182.87	182.92	5.99
COLUMBIA RIVER	183.08	183.13	5.99
OSWEGO	0.1	0.15	5.99
OREGON COAST	238.26	238.31	5.99
MCKENZIE	2.13	2.21	5.99
COLUMBIA RIVER	182.76	182.82	5.99
MCKENZIE	1.7	1.79	5.99
MCKENZIE	2.21	2.31	5.99
MCKENZIE	1.89	1.97	5.99
COLUMBIA RIVER	183.03	183.08	5.99
OREGON COAST	238.31	238.4	5.99
OREGON COAST	238.06	238.13	5.99
OREGON COAST	238.17	238.23	5.99
COLUMBIA RIVER	182.92	182.96	5.99
COLUMBIA RIVER	183.19	183.25	5.99
MCKENZIE	1.85	1.89	5.99
OREGON COAST	238.13	238.15	5.99
MCKENZIE	1.97	2.04	5.99
OREGON COAST	238.21	238.26	5.99
MCKENZIE	1.79	1.85	5.99
COLUMBIA RIVER	183.13	183.19	5.99
OREGON COAST	238.15	238.21	5.99
OREGON COAST	238.03	238.17	5.99
PACIFIC HIGHWAY WEST	37.55	37.6	5.99
PACIFIC HIGHWAY WEST	37.85	37.88	5.99
TUALATIN VALLEY	12.78	12.86	5.99
TUALATIN VALLEY	12.52	12.61	5.99
PACIFIC HIGHWAY WEST	23.34	23.39	5.99
PACIFIC HIGHWAY WEST	37.5	37.55	5.99
PACIFIC HIGHWAY WEST	63.42	63.49	5.99
PACIFIC HIGHWAY WEST	37.8	37.85	5.99
PACIFIC HIGHWAY WEST	37.96	38.07	5.99
TUALATIN VALLEY	13.04	13.13	5.99
TUALATIN VALLEY	13.35	13.42	5.99
CORVALLIS-NEWPORT	50.48	50.56	5.99
TUALATIN VALLEY	16.74	16.84	5.99
TUALATIN VALLEY	12.86	12.95	5.99
CORVALLIS-NEWPORT	50.63	50.71	5.99
PACIFIC HIGHWAY WEST	37.45	37.5	5.99
TUALATIN VALLEY	12.86	12.93	5.99
TUALATIN VALLEY	12.69	12.77	5.99
PACIFIC HIGHWAY WEST	37.88	37.96	5.99
TUALATIN VALLEY	12.77	12.86	5.99
TUALATIN VALLEY	13.04	13.13	5.99
MONMOUTH-INDEPENDENCE	1.14E-13	7.00E-02	5.99
PACIFIC HIGHWAY WEST	23.21	23.24	5.99
CORVALLIS-NEWPORT	50.71	50.75	5.99
TUALATIN VALLEY	12.95	13.04	5.99
PACIFIC HIGHWAY WEST	63.27	63.35	5.99
PACIFIC HIGHWAY WEST	23.26	23.31	5.99
TUALATIN VALLEY	13.42	13.5	5.99
TUALATIN VALLEY	12.69	12.78	5.99
PACIFIC HIGHWAY WEST	23.24	23.26	5.99
TUALATIN VALLEY	16.56	16.62	5.99
TUALATIN VALLEY	12.61	12.69	5.99
CORVALLIS-NEWPORT	50.56	50.63	5.99
TUALATIN VALLEY	13.29	13.35	5.99

TUALATIN VALLEY	13.13	13.21	5.99
TUALATIN VALLEY	12.6	12.69	5.99
PACIFIC HIGHWAY WEST	37.75	37.8	5.99
CORVALLIS-NEWPORT	50.75	50.79	5.99
PACIFIC HIGHWAY WEST	63.35	63.42	5.99
TUALATIN VALLEY	12.93	13.04	5.99
LOWER COLUMBIA RIVER	97.41	97.48	5.99
LOWER COLUMBIA RIVER	97.48	97.52	5.99
LOWER COLUMBIA RIVER	97.27	97.41	5.99
GOSHEN-DIVIDE	14.33	14.42	5.99
MONMOUTH	7.5	7.56	5.99
GOSHEN-DIVIDE	14.45	14.52	5.99
LOWER COLUMBIA RIVER	97.52	97.58	5.99
GOSHEN-DIVIDE	14.42	14.45	5.99
GOSHEN-DIVIDE	14.52	14.65	5.99
LOWER COLUMBIA RIVER	97.2	97.27	5.99
GOSHEN-DIVIDE	14.65	14.7	5.99
GREEN SPRINGS	58.27	58.34	5.93
GREEN SPRINGS	57.64	57.78	5.93
GREEN SPRINGS	58.34	58.41	5.93
GREEN SPRINGS	57.78	58.27	5.93
GREEN SPRINGS	58.41	58.48	5.93
RIDDLE RD. CONN. NO. 3	104.04	104.16	5.93
N ASHLAND CONN. NO. 2	18.81	19.07	5.93
GREEN SPRINGS	58.55	58.67	5.93
GREEN SPRINGS	58.48	58.55	5.93
GREEN SPRINGS	57.59	57.64	5.93
GREEN SPRINGS	57.42	57.54	5.93
GREEN SPRINGS	57.54	57.59	5.93
PACIFIC HIGHWAY EAST	28.1	28.21	5.93
PENDLETON	5.15	6.01	5.93
PACIFIC HIGHWAY EAST	24.67	24.88	5.93
ROGUE RIVER	3.83	3.89	5.93
PACIFIC HIGHWAY EAST	29.26	29.31	5.93
PACIFIC HIGHWAY EAST	25.3	25.56	5.93
PACIFIC HIGHWAY EAST	29.81	29.89	5.93
PACIFIC HIGHWAY EAST	27.09	27.2	5.93
ROGUE RIVER	3.71	3.76	5.93
ROGUE RIVER	3.27	3.44	5.93
MISSION RD. CONN. NO. 1	5.15	5.41	5.93
PACIFIC HIGHWAY EAST	25.7	26.88	5.93
PACIFIC HIGHWAY EAST	25.56	25.7	5.93
PACIFIC HIGHWAY EAST	28.21	28.64	5.93
PACIFIC HIGHWAY EAST	25.1	25.3	5.93
WILSONVILLE-HUBBARD CONN 1	27.2	27.22	5.93
PACIFIC HIGHWAY EAST	27.09	27.2	5.93
PACIFIC HIGHWAY EAST	27.91	28.1	5.93
PACIFIC HIGHWAY EAST	27.2	27.54	5.93
PACIFIC HIGHWAY EAST	29.11	29.26	5.93
PENDLETON	5.01	5.12	5.93
PACIFIC HIGHWAY EAST	29.76	29.81	5.93
PACIFIC HIGHWAY EAST	28.96	29.02	5.93
ROGUE RIVER	3.76	3.83	5.93
PACIFIC HIGHWAY EAST	29.41	29.54	5.93
ROGUE RIVER	3.89	4.56	5.93
PENDLETON	4.83	5.01	5.93
PACIFIC HIGHWAY EAST	28.64	28.69	5.93
ROGUE RIVER	3.44	3.71	5.93
MISSION RD. CONN. NO. 2	5.09	5.37	5.93
PACIFIC HIGHWAY EAST	29.54	29.76	5.93
PACIFIC HIGHWAY EAST	29.31	29.41	5.93
PACIFIC HIGHWAY EAST	27.67	27.91	5.93
PACIFIC HIGHWAY EAST	28.69	28.9	5.93
PACIFIC HIGHWAY EAST	27.2	27.47	5.93
PACIFIC HIGHWAY EAST	29.02	29.11	5.93
PACIFIC HIGHWAY EAST	28.9	28.93	5.93
CAPE ARAGO	8.57	8.65	5.93
CLACKAMAS	13.77	14.61	5.93
CAPE ARAGO	6.87	6.95	5.93
CASCADE HWY SOUTH	14.48	14.51	5.93
FORT STEVENS	2.85	3.13	5.93
COOS RIVER	8.00E-02	0.12	5.93
CAPE ARAGO	7.82	8.09	5.93
EAGLE CREEK-SANDY	5.14	5.17	5.93
CAPE ARAGO	4.99	5.07	5.93
CASCADE HWY SOUTH	14.05	14.48	5.93
COOS RIVER	6.00E-02	7.00E-02	5.93

CAPE ARAGO	4.89	4.99	5.93
EAGLE CREEK-SANDY	5.17	5.22	5.93
CAPE ARAGO	6.79	6.87	5.93
CULVER	1.09	1.21	5.93
GOLD HILL SPUR	2.81	2.98	5.93
CAPE ARAGO	5.43	5.49	5.93
CASCADE HWY SOUTH	14.51	14.53	5.93
CAPE ARAGO	7.05	7.22	5.93
CAPE ARAGO	5.07	5.17	5.93
WILLAMINA-SHERIDAN	2	2.01	5.93
CAPE ARAGO	5.26	5.43	5.93
CAPE ARAGO	8.17	8.49	5.93
CAPE ARAGO	6.74	6.79	5.93
WILLAMINA-SHERIDAN	1.9	2	5.93
CAPE ARAGO	8.65	8.74	5.93
WILLAMINA-SHERIDAN	1.89	1.9	5.93
GOSHEN-DIVIDE	13.73	13.87	5.93
CAPE ARAGO	7.54	7.82	5.93
WILLAMINA-SHERIDAN	2.01	2.04	5.93
CULVER	1.21	1.38	5.93
CAPE ARAGO	6.95	7.05	5.93
CAPE ARAGO	8.74	8.94	5.93
CAPE ARAGO	5.17	5.26	5.93
CAPE ARAGO	6.61	6.74	5.93
CASCADE HWY SOUTH	14.53	15.08	5.93
CAPE ARAGO	6.15	6.37	5.93
WILLAMINA-SHERIDAN	1.71	1.89	5.93
CAPE ARAGO	8.49	8.57	5.93
COOS RIVER	0.12	0.18	5.93
OSWEGO	6.25	6.38	5.9
OSWEGO	6.38	6.43	5.9
PACIFIC HIGHWAY WEST	122.61	122.62	5.9
PACIFIC HIGHWAY EAST	12.19	12.26	5.9
PACIFIC HIGHWAY WEST	122.77	122.85	5.9
PACIFIC HIGHWAY EAST	12.13	12.19	5.9
PACIFIC HIGHWAY WEST	122.48	122.55	5.9
PACIFIC HIGHWAY WEST	122.4	122.47	5.9
PACIFIC HIGHWAY WEST	122.55	122.61	5.9
PACIFIC HIGHWAY EAST	12.08	12.13	5.9
PACIFIC HIGHWAY WEST	122.47	122.55	5.9
PACIFIC HIGHWAY WEST	122.62	122.7	5.9
PACIFIC HIGHWAY EAST	11.98	12.08	5.9
PACIFIC HIGHWAY WEST	122.39	122.48	5.9
PACIFIC HIGHWAY EAST	11.94	11.98	5.9
PACIFIC HIGHWAY WEST	122.7	122.77	5.9
GREEN SPRINGS	1.94	1.98	5.88
CHENOWETH CONN. NO. 2	82.05	82.1	5.88
GREEN SPRINGS	1.53	1.58	5.88
GREEN SPRINGS	1.91	1.94	5.88
BAKER-COPPERFIELD	2.49	2.52	5.88
GREEN SPRINGS	1.58	1.72	5.88
GREEN SPRINGS	1.43	1.53	5.88
GREEN SPRINGS	1.77	1.83	5.88
GREEN SPRINGS	1.98	2.12	5.88
GREEN SPRINGS	1.83	1.91	5.88
BAKER-COPPERFIELD	2.41	2.49	5.88
BATTLE CREEK CONN. NO. 5	248.37	248.41	5.88
BAKER-COPPERFIELD	2.52	2.62	5.88
GREEN SPRINGS	1.72	1.73	5.88
GREEN SPRINGS	1.73	1.77	5.88
TUALATIN VALLEY	21.91	21.96	5.88
TUALATIN VALLEY	21.97	22.27	5.88
ALBANY-JUNCTION CITY	8.76	8.81	5.88
ROGUE RIVER	8.83	9.15	5.88
PACIFIC HIGHWAY EAST	43.5	43.55	5.88
ALBANY-JUNCTION CITY	8.81	8.93	5.88
PACIFIC HIGHWAY EAST	40.27	40.75	5.88
PACIFIC HIGHWAY EAST	43.38	43.5	5.88
ALBANY-JUNCTION CITY	8.7	8.76	5.88
TUALATIN VALLEY	21.6	21.81	5.88
ROGUE RIVER	8.37	8.48	5.88
TUALATIN VALLEY	20.39	20.4	5.88
PACIFIC HIGHWAY EAST	43.32	43.38	5.88
ROGUE RIVER	8.05	8.37	5.88
ROGUE VALLEY	22.4	23.57	5.88
ROGUE RIVER	8.65	8.83	5.88
LA GRANDE-BAKER	52.63	53.15	5.88

TUALATIN VALLEY	22.31	22.34	5.88
ALBANY-JUNCTION CITY	8.93	9.14	5.88
TUALATIN VALLEY	21.57	21.59	5.88
TUALATIN VALLEY	20.33	20.37	5.88
TUALATIN VALLEY	21.43	21.55	5.88
TUALATIN VALLEY	21.55	21.57	5.88
TUALATIN VALLEY	20.37	20.39	5.88
PACIFIC HIGHWAY EAST	40.75	40.81	5.88
ALBANY-JUNCTION CITY	9.14	10.24	5.88
TUALATIN VALLEY	22.27	22.31	5.88
ROGUE RIVER	8.48	8.65	5.88
WHITNEY	49.99	50.37	5.88
TUALATIN VALLEY	21.59	21.6	5.88
ROGUE RIVER	9.15	9.7	5.88
PACIFIC HIGHWAY EAST	30.28	30.57	5.88
TUALATIN VALLEY	21.96	21.97	5.88
PACIFIC HIGHWAY EAST	43.19	43.32	5.88
HERMISTON	8.83	8.84	5.88
SALEM-DAYTON	0.84	0.88	5.88
CASCADE HWY SOUTH	28.6	28.78	5.88
FORT STEVENS	4.05	4.16	5.88
COOS RIVER	0.59	0.61	5.88
COVE	6.00E-02	0.12	5.88
SAMS VALLEY	1.45	1.52	5.88
WARRENTON-ASTORIA	1.55	1.64	5.88
FORT STEVENS	4.68	4.85	5.88
WEISER SPUR	12.55	13.06	5.88
CAPE ARAGO	4.65	4.71	5.88
WARRENTON-ASTORIA	1.37	1.47	5.88
HERMISTON	8.84	8.89	5.88
HOOD RIVER	1.42	1.45	5.88
HERMISTON	5.7	5.77	5.88
CULVER	3.8	3.95	5.88
CASCADE HWY SOUTH	28.94	28.95	5.88
WARRENTON-ASTORIA	4.88	5.03	5.88
HERMISTON	8.89	8.93	5.88
ROGUE RIVER LOOP	2.23	2.39	5.88
MADRAS-PRINEVILLE	25.35	25.58	5.88
YAMHILL-NEWBERG	10.68	10.88	5.88
GOSHEN-DIVIDE	4.46	5.15	5.88
FORT STEVENS	4.5	4.68	5.88
FREEWATER	1.29	1.41	5.88
ROGUE RIVER LOOP	1.79	1.83	5.88
FREEWATER	0.61	0.66	5.88
PAULINA	0.6	0.7	5.88
CASCADE HWY SOUTH	28.44	28.6	5.88
WARRENTON-ASTORIA	5.93	6.41	5.88
NEHALEM	2.15	2.27	5.88
HERMISTON	8.68	8.83	5.88
CASCADE HWY SOUTH	28.78	28.81	5.88
FORT STEVENS	5.26	5.75	5.88
HERMISTON	8.97	9	5.88
ROGUE RIVER LOOP	2.03	2.08	5.88
HOOD RIVER	2.07	2.13	5.88
HERMISTON	5.32	5.57	5.88
FORT STEVENS	0.64	0.74	5.88
ROGUE RIVER LOOP	1.75	1.79	5.88
FREEWATER	1.55	1.91	5.88
SAMS VALLEY	2.58	3	5.88
HOOD RIVER	2.06	2.07	5.88
CASCADE HWY SOUTH	28.82	28.94	5.88
ROGUE RIVER LOOP	4.32	4.36	5.88
CULVER	0.54	0.59	5.88
JACKSONVILLE	4.91	5.18	5.88
FORT STEVENS	1.17	1.35	5.88
MADRAS-PRINEVILLE	25.88	25.92	5.88
HOOD RIVER	1.94	1.97	5.88
GOSHEN-DIVIDE	0.68	0.94	5.88
HERMISTON	9.2	9.34	5.88
WARRENTON-ASTORIA	5.7	5.73	5.88
GOSHEN-DIVIDE	5.15	5.28	5.88
COVE	0.25	1.72	5.88
ROGUE RIVER LOOP	5.18	5.75	5.88
FREEWATER	0.66	0.92	5.88
JACKSONVILLE	5.18	5.48	5.88
WARRENTON-ASTORIA	0.82	0.87	5.88
MADRAS-PRINEVILLE	25.58	25.6	5.88

WEISER SPUR	13.55	13.66	5.88
KINGS VALLEY	4.73	4.83	5.88
WEISER SPUR	13.06	13.42	5.88
FORT STEVENS	4.9	5.17	5.88
WARRENTON-ASTORIA	5.16	5.2	5.88
CULVER	0.59	0.68	5.88
SAMS VALLEY	0.73	1.33	5.88
FORT STEVENS	4.24	4.28	5.88
ROGUE RIVER LOOP	3.78	4.32	5.88
FORT STEVENS	0.87	0.99	5.88
ROGUE RIVER LOOP	1.92	2.03	5.88
WARRENTON-ASTORIA	5.36	5.7	5.88
FREEWATER	1.91	2.05	5.88
HERMISTON	9.11	9.2	5.88
CAPE ARAGO	4.75	4.89	5.88
SAMS VALLEY	2.51	2.58	5.88
AMITY-DAYTON	8.48	8.51	5.88
HERMISTON	9.67	10.37	5.88
CASCADE HWY SOUTH	28.81	28.82	5.88
ROGUE RIVER LOOP	1.84	1.9	5.88
FORT STEVENS	4.16	4.24	5.88
HOOD RIVER	2.82	2.88	5.88
FREEWATER	1.41	1.55	5.88
WARRENTON-ASTORIA	5.15	5.16	5.88
JEFFERSON	5.19	5.49	5.88
JACKSONVILLE	5.56	5.81	5.88
WOODBURN-ESTACADA	0.23	0.41	5.88
PAULINA	0.55	0.6	5.88
SAMS VALLEY	1.39	1.45	5.88
HOOD RIVER	2.7	2.82	5.88
MONMOUTH	4.84	6.75	5.88
FORT STEVENS	0.99	1.17	5.88
HOOD RIVER	3.16	3.53	5.88
WARRENTON-ASTORIA	5.1	5.15	5.88
SAMS VALLEY	1.58	1.8	5.88
FORT STEVENS	0.74	0.87	5.88
WARRENTON-ASTORIA	5.82	5.93	5.88
AMITY-DAYTON	8.51	8.56	5.88
GOSHEN-DIVIDE	0.46	0.55	5.88
COVE	0.23	0.25	5.88
WEISER SPUR	13.49	13.55	5.88
COAST HWY CONN.	1.55	1.73	5.88
GOLD HILL SPUR	2.44	2.75	5.88
FORT STEVENS	4.28	4.38	5.88
HOOD RIVER	2.88	2.93	5.88
FREEWATER	2.05	2.17	5.88
NEHALEM	2.09	2.14	5.88
HERMISTON	5.77	5.86	5.88
FORT STEVENS SPUR	5.02	5.14	5.88
FORT STEVENS	5.17	5.26	5.88
HOOD RIVER	2.93	3.1	5.88
NEHALEM	1.81	2.09	5.88
JEFFERSON	4.6	4.92	5.88
PAULINA	0.98	1.05	5.88
CASCADE HWY SOUTH	28.95	28.99	5.88
CULVER	3.67	3.8	5.88
FREEWATER	0.92	1.17	5.88
PAULINA	0.76	0.98	5.88
HOOD RIVER	3.13	3.16	5.88
DAYTON CONN. NO. 2	0.28	0.282925549	5.88
WARRENTON-ASTORIA	0.38	0.47	5.88
NEHALEM	2.14	2.15	5.88
HERMISTON	8.93	8.97	5.88
FORT STEVENS	0.61	0.64	5.88
MADRAS-PRINEVILLE	25.6	25.68	5.88
COAST HWY CONN.	1.73	1.82	5.88
HOOD RIVER	1.45	1.61	5.88
COVE	0.12	0.23	5.88
HOOD RIVER	1.97	2.06	5.88
WARRENTON-ASTORIA	5.25	5.36	5.88
JACKSONVILLE	5.88	6.06	5.88
FREEWATER	2.17	2.67	5.88
JACKSONVILLE	5.48	5.56	5.88
HERMISTON	5.57	5.7	5.88
AMITY-DAYTON	8.28	8.48	5.88
HERMISTON	9	9.07	5.88
HILLSBORO-SILVERTON	0.4	0.51	5.88

WARRENTON-ASTORIA	1.3	1.37	5.88
SAMS VALLEY	1.33	1.39	5.88
YAMHILL-NEWBERG	10.67	10.68	5.88
FORT STEVENS SPUR	5.14	5.21	5.88
WARRENTON-ASTORIA	1.47	1.55	5.88
HILLSBORO-SILVERTON	0.51	1.79	5.88
WARRENTON-ASTORIA	0.55	0.73	5.88
YAMHILL-NEWBERG	10.37	10.67	5.88
MADRAS-PRINEVILLE	25.68	25.88	5.88
JACKSONVILLE	5.81	5.88	5.88
FORT STEVENS	4.43	4.5	5.88
WARRENTON-ASTORIA	0.73	0.82	5.88
HERMISTON	9.42	9.67	5.88
FORT STEVENS	4	4.05	5.88
MADRAS-PRINEVILLE	25.92	25.94	5.88
JEFFERSON	4.92	5.19	5.88
WARRENTON-ASTORIA	5.2	5.25	5.88
HOOD RIVER	2.63	2.7	5.88
WOODBURN-ESTACADA	0.41	1.2	5.88
WARRENTON-ASTORIA	5.73	5.82	5.88
NEHALEM	2.27	2.4	5.88
FREEWATER	1.17	1.29	5.88
DAYTON CONN. NO. 3	3.00E-02	9.00E-02	5.88
HISTORIC COLUMBIA RIVER	5.15	5.8	5.88
HOOD RIVER	1.61	1.94	5.88
HERMISTON	9.34	9.42	5.88
SAMS VALLEY	1.52	1.58	5.88
ROGUE RIVER LOOP	2.12	2.23	5.88
FREEWATER	3.18	3.43	5.88
ELKTON-SUTHERLIN	23.83	23.96	5.88
HOOD RIVER	3.1	3.13	5.88
DAYTON CONN. NO. 2	0.16	0.18	5.88
PAULINA	1.05	1.35	5.88
WEISER SPUR	13.42	13.49	5.88
WARRENTON-ASTORIA	0.47	0.55	5.88
CASCADE HWY SOUTH	28.99	29.16	5.88
JEFFERSON	6.17	6.24	5.88
FORT STEVENS SPUR	4.43	4.48	5.88
WARRENTON-ASTORIA	5.03	5.1	5.88
CAPE ARAGO	4.71	4.75	5.88
CULVER	4.59	5.06	5.88
ROGUE RIVER LOOP	1.9	1.92	5.88
FORT STEVENS SPUR	4.97	5.02	5.88
PAULINA	0.7	0.76	5.88
FORT STEVENS	4.38	4.43	5.88
GOSHEN-DIVIDE	0.55	0.68	5.88
ROGUE RIVER LOOP	2.08	2.12	5.88
SALEM-DAYTON	0.88	1.28	5.88
FORT STEVENS	4.85	4.9	5.88
HISTORIC COLUMBIA RIVER	0.65	0.74	5.85
HISTORIC COLUMBIA RIVER	0.74	0.78	5.85
WILLAMINA-SHERIDAN	5.37	5.51	5.85
WILLAMINA-SHERIDAN	5.78	5.94	5.85
WILLAMINA-SHERIDAN	5.51	5.78	5.85
WILLAMINA-SHERIDAN	5.94	6.18	5.85
OSWEGO	2.89	2.9	5.84
OSWEGO	2.893	2.9	5.84
PACIFIC HIGHWAY EAST	22.73	22.89	5.84
SWIFT	2.49	2.62	5.84
BEAVERTON-TUALATIN	12.69	12.74	5.84
BEAVERTON-TUALATIN	12.69	12.73	5.84
PACIFIC HWY & ELLIGSEN RD	12.86	12.95	5.84
BEAVERTON-TUALATIN	12.58	12.63	5.84
BEAVERTON-TUALATIN	12.55	12.58	5.84
BEAVERTON-TUALATIN	13.09	13.14	5.84
BEAVERTON-TUALATIN	12.73	12.81	5.84
BEAVERTON-TUALATIN	12.47	12.55	5.84
BEAVERTON-TUALATIN	12.95	13.23	5.84
BEAVERTON-TUALATIN	12.87	12.95	5.84
BEAVERTON-TUALATIN	12.63	12.69	5.84
BEAVERTON-TUALATIN	12.81	12.87	5.84
E HOOD RIVER CONN. NO. 2	64.48	64.52	5.81
OREGON COAST	239.36	239.38	5.81
OREGON COAST	237.77	237.78	5.81
OREGON COAST	239.38	239.42	5.81
E HOOD RIVER CONN. NO. 2	64.52	64.53	5.81
OREGON COAST	239.38	239.42	5.81

HELVETIA RD. CONN. NO. 2	61.08	61.09	5.81
MCKENZIE	2.71	2.78	5.79
OSWEGO	9.64	9.66	5.79
MCKENZIE	2.79	2.8	5.79
OREGON-WASHINGTON	0.25	0.3	5.79
MCKENZIE	2.78	2.79	5.79
MCKENZIE	2.66	2.71	5.79
WILSON RIVER	2.07	2.15	5.79
ALBANY-JUNCTION CITY	31.78	32.37	5.79
MAINLINE DR. FRONTAGE RD.	2.1	2.24	5.79
PACIFIC HIGHWAY WEST	108.68	108.76	5.79
CASCADE HWY SOUTH	4.11	4.17	5.79
ALBANY-CORVALLIS	2.92	3.09	5.74
CORVALLIS-LEBANON	17.26	17.33	5.74
CORVALLIS-LEBANON	17.4	17.5	5.74
SALEM-DAYTON	17.77	17.82	5.74
SALEM-DAYTON	17.82	17.84	5.74
CORVALLIS-LEBANON	17.33	17.4	5.74
SALEM-DAYTON	18.14	18.26	5.74
CLACKAMAS-BORING	7.01	7.07	5.74
SALEM-DAYTON	17.64	17.77	5.74
CORVALLIS-LEBANON	17.5	17.57	5.74
SW CORONADO AVE. FRONT. RD	293.84	293.9	5.73
OSWEGO	8.00E-02	0.1	5.73
MAIN ST. CONN.	275.45	275.53	5.73
OSWEGO	1.14E-13	8.00E-02	5.73
SELLWOOD BRIDGE CONN. NO 2	2.74	2.75	5.73
SANTIAM	12.41	12.52	5.73
ROSS ISLAND BRIDGE CONN. 1	8.00E-02	0.14	5.73
PACIFIC HIGHWAY EAST	5.52	5.67	5.73
MT. HOOD	0.27	0.32	5.73
MAIN ST. CONNECTION NO 1	5.52	5.53	5.73
MAIN ST. CONNECTION NO 1	5.53	5.55	5.73
TACOMA ST INTERCHG CONN 1	4.51	4.52	5.73
MT. HOOD	0.32	0.34	5.73
CORNELL RD. CONN. NO. 2	65.75	65.86	5.73
SYLVAN INTCHGE. CONN. NO.1	0.23	0.41	5.73
ROSS ISLAND CONN. NO. 1	0.34	0.45	5.73
TACOMA ST INTERCHG CONN. 2	4.43	4.45	5.73
MT. HOOD	0.25	0.27	5.73
122ND BLVD. CONN.	12.58	12.6	5.73
WALLOWA LAKE	1.16	1.29	5.7
WALLOWA LAKE	1.29	1.39	5.7
WALLOWA LAKE	1.39	1.47	5.7
PACIFIC HIGHWAY WEST	121.1	121.14	5.7
MCKENZIE	111.15	111.22	5.65
UMATILLA-STANFIELD	6.31	6.47	5.65
ALBANY-JUNCTION CITY	6.3	6.77	5.65
NORTHEAST PORTLAND	10.72	10.75	5.65
PACIFIC HIGHWAY WEST	108.89	108.92	5.6
LA GRANDE-BAKER	50.98	51.05	5.6
PACIFIC HIGHWAY WEST	108.76	108.85	5.6
PACIFIC HIGHWAY WEST	108.89	108.92	5.6
LA GRANDE-BAKER	50.92	50.98	5.6
PACIFIC HIGHWAY WEST	108.92	108.94	5.6
CULVER	0.13	0.19	5.58
BEAVERTON-TUALATIN	8.32	8.4	5.58
BEAVERTON-TUALATIN	8.01	8.07	5.58
BEAVERTON-TUALATIN	6.94	7	5.58
CULVER	0.19	0.25	5.58
BEAVERTON-TUALATIN	5.8	5.87	5.58
BEAVERTON-TUALATIN	5.9	5.98	5.58
SPRINGFIELD	1.07	1.13	5.58
WOODBURN-ESTACADA	12.41	12.52	5.58
BEAVERTON-TUALATIN	7	7.07	5.58
SPRINGFIELD	1.07	1.13	5.58
BEAVERTON-TUALATIN	7.92	8.01	5.58
HILLSBORO-SILVERTON	18.89	18.97	5.58
BEAVERTON-TUALATIN	5.87	5.9	5.58
WOODBURN-ESTACADA	12.31	12.41	5.58
SPRINGFIELD	1.01	1.07	5.58
OREGON COAST	64.19	64.35	5.53
GREEN SPRINGS DR. CONN.	276.74	277.03	5.53
OREGON COAST	138.73	138.84	5.53
OREGON COAST	138.55	138.73	5.53
OREGON COAST	122.27	122.55	5.53
OREGON COAST	121.09	121.44	5.53

N ALBANY CONN. NO. 3	234.11	234.33	5.53
S KLAMATH FALLS CONN NO 1	277.55	277.66	5.53
THE DALLES-CALIFORNIA	116.54	116.72	5.53
THE DALLES-CALIFORNIA	276.74	277.07	5.53
COTTAGE GROVE CONN. NO. 1	174.83	175	5.53
OREGON COAST	135.71	136.37	5.53
OREGON COAST	137.53	137.61	5.53
OREGON COAST	136.96	137.14	5.53
OREGON COAST	112.35	112.6	5.53
OREGON COAST	121.44	121.63	5.53
OREGON COAST	146.66	146.95	5.53
OREGON COAST	60.09	60.35	5.53
COTTAGE GROVE CONN. NO. 1	174.54	174.63	5.53
OREGON COAST	136.37	136.55	5.53
OREGON COAST	121.63	122.27	5.53
MCKENZIE	10.87	11.01	5.53
OREGON COAST	24.17	24.27	5.53
THE DALLES-CALIFORNIA	276.88	277.33	5.53
MCKENZIE	9.73	10	5.53
S KLAMATH FALLS CONN NO 2	276.91	277.07	5.53
OREGON COAST	111.78	112.35	5.53
SANTIAM	31.18	32	5.53
OREGON COAST	23.99	24.17	5.53
OREGON COAST	122.55	122.59	5.53
MCKENZIE	10	10.87	5.53
OREGON COAST	142.04	142.11	5.53
COTTAGE GROVE CONN. NO. 1	174.63	174.83	5.53
OREGON COAST	138.38	138.55	5.53
OREGON-WASHINGTON	-1.54	-1.46	5.53
S PENDLETON CONN. NO. 2	1.54	1.81	5.53
OREGON COAST	136.55	136.71	5.53
S PENDLETON INTCHG. CONN.	211.34	211.72	5.53
OREGON COAST	138.3	138.38	5.53
GREEN SPRINGS	59.02	59.29	5.53
N ALBANY CONN. NO. 2	234.11	234.4	5.53
OREGON COAST	137.47	137.53	5.53
S PENDLETON CONN. NO. 1	1.54	1.58	5.53
OREGON COAST	111.3	111.78	5.53
WEST FRONTAGE RD.	-5.68	-5.55	5.53
PACIFIC HIGHWAY WEST	11.46	11.48	5.53
UMATILLA-STANFIELD	12.44	12.79	5.53
WEST FRONTAGE RD.	-5.78	-5.73	5.53
PACIFIC HIGHWAY WEST	11.19	11.46	5.53
KLAMATH FALLS-MALIN	0.94	1.18	5.53
MARINE DRIVE CONN. NO. 1	5.77	5.776807146	5.53
PACIFIC HIGHWAY WEST	13.12	13.33	5.53
PACIFIC HIGHWAY WEST	12.95	13.1	5.53
MARINE DRIVE CONN. NO. 1	5.77	5.86	5.53
PACIFIC HIGHWAY WEST	13.33	13.6	5.53
FLORENCE-EUGENE	49.43	49.75	5.53
WEST FRONTAGE RD.	-5.73	-5.68	5.53
PACIFIC HIGHWAY WEST	14.04	14.3	5.53
APPLEGATE CONN. NO. 1	49.92	49.95	5.53
PACIFIC HIGHWAY WEST	14.29	14.52	5.53
WEST FRONTAGE RD.	-5.55	-5.31	5.53
ALBANY-JUNCTION CITY	1.14E-13	0.3	5.53
FLORENCE-EUGENE	48.52	49.31	5.53
PACIFIC HIGHWAY WEST	11.19	11.46	5.53
CORVALLIS-NEWPORT	49.87	49.92	5.53
PACIFIC HIGHWAY WEST	13.95	14.04	5.53
ALBANY-CORVALLIS	1.32	2.21	5.53
PACIFIC HIGHWAY WEST	13.75	13.95	5.53
PACIFIC HIGHWAY WEST	14.08	14.29	5.53
PACIFIC HIGHWAY WEST	13.74	13.96	5.53
PACIFIC HIGHWAY WEST	13.1	13.31	5.53
PACIFIC HIGHWAY WEST	13.31	13.32	5.53
MARINE DRIVE CONN. NO. 2	5.77	5.83	5.53
PACIFIC HIGHWAY WEST	13.96	14.08	5.53
PACIFIC HIGHWAY WEST	14.3	14.52	5.53
MARINE DRIVE CONN. NO. 2	5.77	5.776	5.53
PACIFIC HIGHWAY WEST	12.77	12.95	5.53
CORVALLIS-NEWPORT	49.87	49.92	5.53
UMATILLA-STANFIELD	12.44	12.47	5.53
LOWER COLUMBIA RIVER	43.12	44.21	5.53
SOUTH KLAMATH FALLS	1.14E-13	6.00E-02	5.53
CASCADE HWY SOUTH	4.78	4.92	5.53
SOUTH KLAMATH FALLS	6.00E-02	0.16	5.53

GOLF CLUB RD. CONN. NO. 4	11.56	11.8	5.53
GOLF CLUB RD. CONN. NO. 3	11.54	11.75	5.53
DEER ISLAND FRONTAGE RD.	33.97	34.05	5.53
CASCADE HWY SOUTH	4.62	4.78	5.53
GOLF CLUB RD. CONN. NO. 2	11.53	11.81	5.53
NORTH SANTIAM	11.33	11.83	5.53
LOWER COLUMBIA RIVER	95.3	95.47	5.53
NORTH SANTIAM	11.21	11.54	5.53
GOLF CLUB RD. CONN. NO. 1	11.33	11.57	5.53
JACKSONVILLE	34.87	35.16	5.53
LOWER COLUMBIA RIVER	33.65	33.97	5.53
OREGON COAST	140.73	140.81	5.51
OREGON COAST	190.28	190.39	5.51
OREGON COAST	112.83	112.92	5.51
OREGON COAST	114.47	114.52	5.51
OREGON COAST	190.7	190.74	5.51
OREGON COAST	190.46	190.53	5.51
OREGON COAST	190.39	190.46	5.51
OREGON COAST	239.31	239.36	5.51
OREGON COAST	190.67	190.7	5.51
OREGON COAST	190.63	190.67	5.51
UMATILLA-STANFIELD	11.09	11.14	5.51
UMATILLA-STANFIELD	11.19	11.24	5.51
UMATILLA-STANFIELD	11.14	11.19	5.51
UMATILLA-STANFIELD	11.03	11.09	5.51
LOWER COLUMBIA RIVER	98.71	98.9	5.51
LOWER COLUMBIA RIVER	98.63	98.71	5.51
BEAVERTON-TUALATIN	4.44	4.46	5.5
PACIFIC HIGHWAY EAST	30.98	31.35	5.49
NORTHEAST PORTLAND	3.9	3.95	5.49
OREGON COAST	143.33	143.37	5.48
OREGON COAST	4.94	6.35	5.48
OREGON COAST	191.74	191.79	5.48
OREGON COAST	6.35	6.4	5.48
OREGON COAST	235.88	236.03	5.48
CRATER LAKE	9.42	9.57	5.48
OREGON COAST	352.66	353.44	5.48
OREGON COAST	355.87	355.95	5.48
MCKENZIE-BEND	14.47	14.62	5.48
MCKENZIE	111.07	111.15	5.48
OREGON COAST	4.41	4.93	5.48
MCKENZIE	110.15	110.4	5.48
THE DALLES-CALIFORNIA	91.72	91.84	5.48
OREGON COAST	355.36	355.7	5.48
BAKER RD INTCHGE CONN NO 4	142.87	143.17	5.48
MCKENZIE	110.9	111.07	5.48
N REDMOND INTCHGE. CONN. 2	119.08	119.09	5.48
MCKENZIE	109.65	110.15	5.48
MCKENZIE-BEND	14.95	15.95	5.48
MCKENZIE	110.55	110.65	5.48
SANTIAM	30.7	30.8	5.48
MCKENZIE	110.65	110.9	5.48
N REDMOND INTCHGE. CONN. 2	119.22	119.23	5.48
WALLOWA LAKE	2.69	2.96	5.48
OREGON COAST	353.77	354.15	5.48
OREGON COAST	354.15	354.37	5.48
CRATER LAKE	9.57	9.85	5.48
OREGON COAST	353.44	353.77	5.48
N REDMOND INTCHGE. CONN. 2	118.98	119.08	5.48
CRATER LAKE	9.42	9.85	5.48
CRATER LAKE	8.03	8.26	5.48
MCKENZIE-BEND	14.72	14.95	5.48
BREWERY GRADE CONN. NO. 2	85.7	85.71	5.48
MCKENZIE-BEND	13.72	14.47	5.48
CRATER LAKE	9.2	9.42	5.48
BAKER RD INTCHGE CONN NO 3	143.69	143.94	5.48
MCKENZIE	8.17	8.54	5.48
OREGON COAST	6.4	6.57	5.48
MCKENZIE-BEND	14.62	14.72	5.48
CRATER LAKE	8.85	9.2	5.48
CRATER LAKE	8.85	9.42	5.48
MCKENZIE	110.4	110.55	5.48
OREGON COAST	235.83	235.88	5.48
OREGON COAST	355.7	355.87	5.48
LA GRANDE-BAKER	3.8	4.17	5.48
LA GRANDE-BAKER	0.33	0.69	5.48
COOS BAY-ROSEBURG	72.01	72.08	5.48

FLORENCE-EUGENE	47.27	47.35	5.48
PACIFIC HIGHWAY WEST	16.67	17.47	5.48
AIRPORT WAY CONN. NO. 3	25.35	25.39	5.48
FLORENCE-EUGENE	47.27	47.46	5.48
SALMON RIVER	43.79	43.86	5.48
LA GRANDE-BAKER	3.68	3.8	5.48
TUALATIN VALLEY	18.53	18.56	5.48
PACIFIC HIGHWAY WEST	31.46	31.89	5.48
SALMON RIVER	48.53	48.59	5.48
TUALATIN VALLEY	18.26	18.28	5.48
ALBANY-CORVALLIS	9.59	9.73	5.48
TUALATIN VALLEY	18.56	18.58	5.48
PACIFIC HIGHWAY WEST	63.79	64.8	5.48
FLORENCE-EUGENE	46.19	46.51	5.48
COOS BAY-ROSEBURG	71.73	72.01	5.48
PACIFIC HIGHWAY WEST	79.4	79.77	5.48
COOS BAY-ROSEBURG	71.48	71.73	5.48
CASCADE HWY NORTH	-0.14	-0.1	5.48
FLORENCE-EUGENE	47.35	47.46	5.48
KLAMATH FALLS-MALIN	1.78	2.28	5.48
LA GRANDE-BAKER	3.61	3.68	5.48
SALMON RIVER	43.73	43.79	5.48
PACIFIC HIGHWAY WEST	31.34	31.46	5.48
LA GRANDE-BAKER	3.37	3.41	5.48
CORVALLIS-NEWPORT	1.01	1.72	5.48
SALMON RIVER	43.79	43.84	5.48
SALMON RIVER	44.58	44.6	5.48
PENDLETON-JOHN DAY	3.25	3.77	5.48
CASCADE HWY NORTH	-0.14	-0.1	5.48
PACIFIC HIGHWAY WEST	76.18	76.46	5.48
SALMON RIVER	33.42	34.11	5.48
PACIFIC HIGHWAY WEST	77.94	78.31	5.48
SALMON RIVER	43.02	43.73	5.48
OCHOCO	16.51	17.24	5.48
LA GRANDE-BAKER	3.41	3.61	5.48
TUALATIN VALLEY	18.28	18.53	5.48
NORTH SANTIAM	13.13	13.54	5.48
STAYTON-SUBLIMITY CONN. 1	12.91	13.26	5.48
NEHALEM	88.673	88.68	5.48
CLACKAMAS-BORING	5.32	5.54	5.48
DAVID HILL CONN. NO. 1	88.66	88.68	5.48
E. MCMINNVILLE FRONTAGE RD	46.48	46.51	5.48
CLACKAMAS-BORING	4.2	4.69	5.48
LOWER COLUMBIA RIVER	48.87	50.16	5.48
NEHALEM	88.53	88.66	5.48
HISTORIC COLUMBIA RIVER	72.2	72.31	5.48
NEHALEM	88.675	88.68	5.48
BREWERY GRADE CONN. NO. 2	18.96	19.18	5.48
NEHALEM	88.66	88.663	5.48
DAVID HILL CONN. NO. 1	88.674	88.68	5.48
NEHALEM	88.53	88.54201311	5.48
LAKE OF THE WOODS	1.03	2.29	5.48
DAVID HILL CONN. NO. 1	88.66	88.68	5.48
MCMINNVILLE SPUR	46.47	46.48	5.48
SOUTH KLAMATH FALLS	3.37	3.87	5.48
SALEM-DAYTON	8.00E-02	8.50E-02	5.48
LAKE OF THE WOODS	-2.9	-2.62	5.48
SALEM-DAYTON	1.14E-13	8.00E-02	5.48
DAVID HILL CONN. NO. 1	88.66	88.662	5.48
MCMINNVILLE SPUR	46.475	46.48	5.48
NEHALEM	88.53	88.541	5.48
CLACKAMAS-BORING	5.13	5.32	5.48
NORTH SANTIAM	7	8.56	5.48
NEHALEM	88.53	88.66	5.48
CLACKAMAS-BORING	4.91	5.13	5.48
NORTH SANTIAM	11.83	12.91	5.48
LAKE RD. CONN. NO. 3	3.96	3.98	5.48
STAYTON-SUBLIMITY CONN. 4	12.76	13.13	5.48
MCMINNVILLE SPUR	45.7	45.70476522	5.48
HILLSBORO-SILVERTON	47.95	49.37	5.48
LOWER COLUMBIA RIVER	48.89	50.16	5.48
CLACKAMAS-BORING	5.54	5.69	5.48
MOSIER-THE DALLES	18.74	18.95	5.48
CLACKAMAS-BORING	1.03	1.17	5.48
DAVID HILL CONN. NO. 1	88.64	88.66	5.48
OLDS FERRY-ONTARIO	25.75	26.19	5.48
HISTORIC COLUMBIA RIVER	72.31	72.37	5.48

MCMINNVILLE SPUR	46.48	46.62	5.48
AVE. G FRONTAGE RD.	-2.65	-2.55	5.48
LOWER COLUMBIA RIVER	48.62	48.89	5.48
OLDS FERRY-ONTARIO	26.19	27.26	5.48
NORTH SANTIAM	8.95	11.21	5.48
CLACKAMAS-BORING	5.69	6.41	5.48
LEWIS & CLARK BR CONN NO 4	48.69	48.87	5.48
SALMON RIVER	39.51662552	39.54	5.48
LEWIS & CLARK BR CONN NO 5	48.89	49.08	5.48
CLACKAMAS-BORING	1.17	1.21	5.48
DAVID HILL CONN. NO. 1	88.657	88.66	5.48
CLACKAMAS-BORING	4.69	4.91	5.48
STAYTON-SUBLIMITY CONN. 2	13.26	13.53	5.48
LAKE OF THE WOODS	-2.62	-2.56	5.48
MOSIER-THE DALLES	18.74	18.96	5.48
REDWOOD SPUR HWY. CONN.	1.89	2.06	5.48
DAVID HILL CONN. NO. 1	88.655	88.66	5.48
MOSIER-THE DALLES	18.96	19.97	5.48
HISTORIC COLUMBIA RIVER	71.72	72.2	5.48
NEHALEM	88.656	88.66	5.48
NEHALEM	88.66	88.68	5.48
LAKE OF THE WOODS	-1.95	-1.64	5.48
NORTH SANTIAM	6.86	8.9	5.48
HILLSBORO-SILVERTON	49.37	49.62	5.48
LAKE OF THE WOODS	-2.56	-1.95	5.48
CLACKAMAS-BORING	3.78	4.2	5.48
NORTH SANTIAM	12.91	13.53	5.48
OREGON COAST	357.41	357.49	5.46
SANTIAM	13.86	13.96	5.46
OREGON COAST	357.2	357.23	5.46
WALLOWA LAKE	2.18	2.24	5.46
WALLOWA LAKE	2.29	2.34	5.46
OREGON COAST	234.96	235.04	5.46
BAKER-COPPERFIELD	0.19	0.24	5.46
OREGON COAST	357.16	357.17	5.46
OREGON COAST	234.88	234.96	5.46
OREGON COAST	357.28	357.33	5.46
WALLOWA LAKE	2.26	2.29	5.46
OREGON COAST	234.81	234.88	5.46
SANTIAM	13.81	13.86	5.46
OREGON COAST	357.17	357.2	5.46
SANTIAM	13.75	13.81	5.46
OREGON COAST	357.49	357.57	5.46
OREGON COAST	357.33	357.41	5.46
WALLOWA LAKE	2.24	2.26	5.46
OREGON COAST	357.23	357.28	5.46
UMATILLA-STANFIELD	5.18	5.22	5.46
UMATILLA-STANFIELD	5.09	5.18	5.46
LOWER COLUMBIA RIVER	98.61	98.63	5.46
MCKENZIE-BEND	17.49	17.91	5.45
BELTLINE	1.74	1.96	5.45
REDWOOD CONN. NO. 2	0.12	0.15	5.34
ROGUE VALLEY	19.12	19.17	5.34
VANCOUVER AVE. CONN. NO. 3	4.51	4.55	5.34
ROGUE RIVER	0.1	0.11	5.34
VANCOUVER AVE. CONN. NO. 3	4.49	4.51	5.34
LOWER COLUMBIA RIVER	47.13	47.2	5.34
LOWER COLUMBIA RIVER	47.2	47.27	5.34
LOWER COLUMBIA RIVER	46.97	47.03	5.34
LOWER COLUMBIA RIVER	47.04	47.13	5.34
FAIRGROUNDS CONN. NO. 2	122.98	123.03	5.32
DEL RIO RD. CONN. NO. 6	129.37	129.42	5.32
DEL RIO RD. CONN. NO. 6	129.56	129.76	5.32
OSWEGO	3.89	4.04	5.32
LAMPMAN FRONTAGE RD.	41.37	43.12	5.32
OLD WINCHESTER BR. FRONT.	128.91	129.08	5.32
HOOD RIVER FRONTAGE RD.	63.88	63.95	5.32
OSWEGO	4.46	4.9	5.32
CRATER LAKE AVE FRONT. RD.	1.89	1.97	5.32
OSWEGO	4.14	4.45	5.32
OSWEGO	4.04	4.14	5.32
DEL RIO RD. CONN. NO. 6	129.3	129.37	5.32
OSWEGO	4.9	5.1	5.32
LAMPMAN FRONTAGE RD.	40.92	41.37	5.32
OLD STAGE RD. FRONTAGE RD.	40.91	42.36	5.32
OSWEGO	4.45	4.46	5.32
DEL RIO RD. CONN. NO. 6	129.42	129.55	5.32

WESTCLIFF DR. FRONTAGE RD.	62.96	63.18	5.32
OSWEGO	5.1	5.2	5.32
OSWEGO	5.2	5.46	5.32
DEL RIO RD. CONN. NO. 6	129.55	129.56	5.32
EDGEWATER ST. CONN. NO. 2	23.93	24.13	5.32
DEPOT ST. CONNECTION	8.94	8.99	5.32
PENDLETON-COLD SPRINGS	30.34	30.41	5.32
GLADSTONE CONN. NO. 5	11.13	11.23	5.32
PENDLETON-COLD SPRINGS	29.25	30.34	5.32
EDGEWATER ST. CONN. NO. 2	24.304	24.32	5.32
WILSON RIVER	1.8	2.07	5.32
GOSHEN-DIVIDE	6.01	6.2	5.32
CASCADE HWY SOUTH	5.98	6.18	5.32
MCVAY	1.94	2.18	5.32
CLACKAMAS	9.83	9.96	5.32
MCVAY	2.19	2.21	5.32
MCVAY	1.86	1.94	5.32
SPRINGFIELD	0.6	0.64	5.32
MCVAY	2.18	2.19	5.32
WARRENTON-ASTORIA	2.36	3.53	5.32
HISTORIC COLUMBIA RIVER	8.00E-02	0.11	5.32
MCVAY	1.66	1.86	5.32
OREGON COAST HWY CONN NO 1	1.11	1.27	5.32
MCVAY	2.3	2.52	5.32
LAKE RD. CONN. NO. 2	4.03	4.15	5.32
TERRITORIAL	20.68	21.03	5.32
HILLSBORO-SILVERTON	17.92	18.38	5.32
FRANKLIN BLVD. FRONTAGE RD	2.02	2.18	5.32
TERRITORIAL	18.95	19.41	5.32
MCVAY	2.19	2.53	5.32
GOSHEN-DIVIDE	6.2	6.55	5.32
CASCADE HWY SOUTH	15.08	15.47	5.32
OREGON COAST HWY CONN NO 1	0.87	1.01	5.32
CLACKAMAS	9.96	10.3	5.32
WARRENTON-ASTORIA	1.99	2.36	5.32
CASCADE HWY SOUTH	5.86	5.98	5.32
MCVAY	2.21	2.3	5.32
SPRINGFIELD	1.14E-13	0.27	5.32
OREGON COAST HWY CONN NO 1	1.01	1.11	5.32
LA GRANDE-BAKER	51.38	51.39	5.3
LA GRANDE-BAKER	51.42	51.49	5.3
PACIFIC HIGHWAY WEST	108.94	109	5.3
LA GRANDE-BAKER	51.49	51.56	5.3
LA GRANDE-BAKER	51.61	51.67	5.3
LA GRANDE-BAKER	51.29	51.3	5.3
PACIFIC HIGHWAY WEST	109.63	109.69	5.3
LA GRANDE-BAKER	51.39	51.42	5.3
LA GRANDE-BAKER	50.86	50.92	5.3
LA GRANDE-BAKER	51.3	51.34	5.3
LA GRANDE-BAKER	51.67	51.73	5.3
LA GRANDE-BAKER	51.56	51.61	5.3
LA GRANDE-BAKER	51.34	51.38	5.3
HOOD RIVER	0.92	1.04	5.3
HOOD RIVER	0.83	0.92	5.3
THE DALLES-CALIFORNIA	92.81	92.86	5.29
BREWERY GRADE CONN. NO. 2	85.57	85.62	5.29
THE DALLES-CALIFORNIA	91.84	91.92	5.29
MCKENZIE	111.46	111.51	5.29
THE DALLES-CALIFORNIA	92.15	92.17	5.29
SANTIAM	12.93	13.03	5.29
THE DALLES-CALIFORNIA	91.92	92	5.29
BREWERY GRADE CONN. NO. 2	85.55	85.57	5.29
MCKENZIE	111.53	111.59	5.29
THE DALLES-CALIFORNIA	92	92.02	5.29
THE DALLES-CALIFORNIA	92.17	92.22	5.29
SANTIAM	12.91	12.93	5.29
DELTA PARK CONN. NO. 2	306.66	306.73	5.29
BREWERY GRADE CONN. NO. 3	85.57	85.67	5.29
MCKENZIE	111.51	111.57	5.29
THE DALLES-CALIFORNIA	92.78	92.81	5.29
BREWERY GRADE CONN. NO. 2	85.62	85.7	5.29
THE DALLES-CALIFORNIA	92.22	92.3	5.29
SANTIAM	12.93	13.02	5.29
MONMOUTH-INDEPENDENCE	0.23	0.3	5.29
PACIFIC HIGHWAY WEST	25.61	25.65	5.29
MONMOUTH-INDEPENDENCE	0.47	0.51	5.29
OCHOCO	19.38	19.55	5.29

MONMOUTH-INDEPENDENCE	0.3	0.47	5.29
OCHOCO	19.22	19.29	5.29
MONMOUTH-INDEPENDENCE	1.92	1.99	5.29
PENDLETON-JOHN DAY	1.52	1.57	5.29
PACIFIC HIGHWAY WEST	25.65	25.75	5.29
PACIFIC HIGHWAY WEST	25.53	25.61	5.29
MONMOUTH-INDEPENDENCE	0.51	0.61	5.29
OCHOCO	19.29	19.38	5.29
MONMOUTH-INDEPENDENCE	0.61	0.78	5.29
PENDLETON-JOHN DAY	1.53	1.59	5.29
MCVAY	1.3	1.42	5.29
CLACKAMAS-BORING	6.85	6.9	5.29
MCVAY CONN. NO. 3	1.18	1.3	5.29
MCVAY	0.89	1.3	5.29
CHEMAWA RD. CONN. NO. 2	260.37	260.45	5.25
CHEMAWA RD. CONN. NO. 2	260.28	260.37	5.25
DENNEY RD. CONN. NO. 2	3	3.06	5.24
NYBERG RD. CONN. NO. 2	289.38	289.42	5.2
NYBERG RD. CONN. NO. 2	289.42	289.44	5.2
NYBERG RD. CONN. NO. 2	289.44	289.49	5.2
207TH AVE. INTCHG. CONN. 2	14.37	14.39	5.2
HELVETIA RD. CONN. NO. 2	61.29	61.43	5.2
CORNELIUS PASS CONN. NO. 3	62.51	62.54	5.2
CORNELIUS PASS CONN. NO. 3	62.54	62.59	5.2
CORNELIUS PASS CONN. NO. 3	62.39	62.41	5.2
PENDLETON-JOHN DAY	1.7	1.77	5.2
CORNELIUS PASS CONN. NO. 3	62.59	62.64	5.2
CORNELIUS PASS CONN. NO. 3	62.32	62.39	5.2
UMATILLA-STANFIELD	10.61	10.78	5.2
PENDLETON	2.22	2.4	5.18
ALBANY-JUNCTION CITY	1.74	1.8	5.18
PENDLETON	2.4	2.48	5.18
ALBANY-JUNCTION CITY	1.61	1.74	5.18
ALBANY-JUNCTION CITY	1.86	1.93	5.18
ALBANY-JUNCTION CITY	1.93	2.02	5.18
ALBANY-JUNCTION CITY	1.8	1.86	5.18
SALEM-DAYTON	18.54	18.69	5.18
NEHALEM	90.3	90.43	5.18
HILLSBORO-SILVERTON	38.13	38.4	5.18
SALEM-DAYTON	18.69	19.03	5.18
SALEM-DAYTON	19.03	19.19	5.18
SALEM-DAYTON	18.33	18.54	5.18
RIVERSIDE DR. FRONTAGE RD.	63.87	63.91	5.13
ALBANY FRONTAGE RD.	233.78	233.86	5.13
FAIRGROUNDS CONN. NO. 2	122.95	122.98	5.13
ALBANY FRONTAGE RD.	233.52	233.62	5.13
ALBANY FRONTAGE RD.	233.86	234.08	5.13
FAIRGROUNDS CONN. NO. 2	122.93	122.95	5.13
ALBANY FRONTAGE RD.	233.62	233.74	5.13
ALBANY FRONTAGE RD.	233.74	233.78	5.13
CAMPBELL ST. INTCHGE. #2	304.76	304.83	5.13
RIVERSIDE DR. FRONTAGE RD.	63.91	63.94	5.13
HOOD RIVER ACCESS FRONT RD	63.91	64.12	5.13
WASHINGTON ST. FRONT. RD.	13.86	14.15	5.13
LA GRANDE-BAKER	52.08	52.23	5.13
DEPOT ST. CONNECTION	8.83	8.94	5.13
LA GRANDE-BAKER	52.05	52.08	5.13
OCHOCO ST. FRONTAGE RD.	5.19	5.21	5.13
BIEHN ST. CONN. NO. 2	6.43	6.49	5.13
OCHOCO ST. FRONTAGE RD.	4.85	5.19	5.13
ADAIR VILLAGE FRONT. RD.#1	75.15	75.24	5.13
HOOD RIVER	0.33	0.4	5.13
GOSHEN-DIVIDE	5.74	5.78	5.13
WARREN FRONTAGE RD.	25.25	25.36	5.13
WOODBURN-ESTACADA	13.39	13.43	5.13
SUTHERLIN CONN. NO. 1	24.15	24.28	5.13
AMITY-DAYTON	8.66	8.7	5.13
WARREN FRONTAGE RD.	25.14	25.25	5.13
HILLSBORO-SILVERTON	19.88	19.93	5.13
SW 112TH AVE. FRONTAGE RD.	2.31	2.37	5.13
HISTORIC COLUMBIA RIVER	49.44	49.58	5.13
HOOD RIVER	0.23	0.33	5.13
HOOD RIVER	0.33	0.45	5.13
WOODBURN-ESTACADA	13.29	13.39	5.13
CLACKAMAS	9.27	9.3	5.13
HOOD RIVER	1.14E-13	6.00E-02	5.13
MADRAS-PRINEVILLE	26.02	26.07	5.13

ELKTON-SUTHERLIN	24.25	24.31	5.13
ADAIR VILLAGE FRONT. RD.#2	75.68	75.73	5.13
GOSHEN-DIVIDE	14.84	14.91	5.13
WARRENTON-ASTORIA	1.14E-13	5.00E-02	5.13
HISTORIC COLUMBIA RIVER	50.69	50.74	5.13
EUGENE-SPRINGFIELD CONN. 2	0.43	0.48	5.13
HERMISTON	7.14	7.21	5.13
YAMHILL-NEWBERG	11.32	11.34	5.13
GOSHEN-DIVIDE	5.78	5.84	5.13
HISTORIC COLUMBIA RIVER	49.42	49.44	5.13
MONMOUTH	6.8	6.95	5.13
ILLINOIS ST. CONN.	19.83	19.85	5.13
HISTORIC COLUMBIA RIVER	50.79	50.88	5.13
AMITY-DAYTON	8.7	8.81	5.13
WOODBURN-ESTACADA	12.52	12.58	5.13
YAMHILL-NEWBERG	10.88	11.04	5.13
HISTORIC COLUMBIA RIVER	50.74	50.79	5.13
FORT STEVENS	3.32	3.35	5.13
JACKSONVILLE	33.16	33.23	5.13
GOSHEN-DIVIDE	14.91	14.97	5.13
GOSHEN-DIVIDE	5.51	5.74	5.13
YAMHILL-NEWBERG	11.3	11.32	5.13
ELKTON-SUTHERLIN	24.31	24.35	5.13
FORT STEVENS	3.31	3.32	5.13
HILLSBORO-SILVERTON	19.77	19.83	5.13
FORT STEVENS	3.44	3.54	5.13
ADAIR VILLAGE FRONT. RD.#2	75.73	75.84	5.13
HOOD RIVER	0.45	0.51	5.13
WOODBURN-ESTACADA	12.58	12.64	5.13
HILLSBORO-SILVERTON	19.83	19.88	5.13
HISTORIC COLUMBIA RIVER	50.88	50.98	5.13
MONMOUTH	6.95	7.02	5.13
FORT STEVENS	0.37	0.5	5.05
FORT STEVENS	0.5	0.52	5.05
CENTRAL POINT CONN. NO. 2	32.89	32.91	5.04
BIDDLE RD. CONN. NO. 1	0.44	0.62	5.04
UPPER BOONES FERRY RD CN 2	291.35	291.36	5.04
LOWER BOONES FERRY RD CN 2	290.57	290.61	5.04
UPPER BOONES FERRY RD CN 2	291.36	291.4	5.04
CENTRAL POINT CONN. NO. 2	32.87	32.89	5.04
WILSONVILLE CONN. NO. 2	283.83	283.84	5.04
BIDDLE FRONTAGE ROAD	0.62	0.82	5.04
PACIFIC HIGHWAY WEST	109.69	109.76	5.04
MOHAWK INTCHG. CONN. NO. 2	6.11	6.18	5.04
MOHAWK INTCHG. CONN. NO. 2	6.1	6.11	5.04
MOHAWK INTCHG. CONN. NO. 2	6.29	6.32	5.04
JANTZEN BEACH CONN. NO. 3	308.22	308.23	5.01
JANTZEN BEACH CONN. NO. 3	308.15	308.22	5.01
JANTZEN BEACH CONN. NO. 1	308.15	308.21	5.01
JOHNSON CR. BLVD CONN NO 2	16.38	16.4	5.01
JOHNSON CR. BLVD CONN NO 2	16.22	16.25	5.01
JOHNSON CR. BLVD CONN NO 2	16.37	16.38	5.01
OREGON COAST	65.84	65.89	4.99
BAKER-COPPERFIELD	0.61	0.63	4.99
OREGON COAST	65.87	65.91	4.99
THE DALLES-CALIFORNIA	92.56	92.6	4.99
REDWOOD	-1.03	-0.99	4.99
REDWOOD	-0.99	-0.94	4.99
SANTIAM	13.14	13.21	4.99
SANTIAM	13.28	13.34	4.99
OREGON COAST	66	66.05	4.99
REDWOOD	-1.04	-1	4.99
REDWOOD	-0.86	-0.8	4.99
MCKENZIE	2.04	2.13	4.99
MCKENZIE	2.75	2.83	4.99
OREGON COAST	66.1	66.15	4.99
REDWOOD	-1.81	-1.75	4.99
REDWOOD	-1.39	-1.29	4.99
SANTIAM	13.39	13.45	4.99
REDWOOD	-0.75	-0.7	4.99
SANTIAM	13.45	13.46	4.99
OREGON COAST	238.72	238.83	4.99
SANTIAM	13.33	13.39	4.99
MCKENZIE	111.86	111.91	4.99
REDWOOD	-1.14	-1.09	4.99
MCKENZIE	111.59	111.65	4.99
REDWOOD	-0.58	-0.53	4.99

REDWOOD	-1.34	-1.21	4.99
SANTIAM	13.39	13.45	4.99
OREGON COAST	238.83	238.94	4.99
BAKER-COPPERFIELD	0.48	0.51	4.99
OREGON COAST	65.97	66.01	4.99
MCKENZIE	111.7	111.75	4.99
REDWOOD	-1.4	-1.34	4.99
SANTIAM	13.21	13.27	4.99
REDWOOD	-0.94	-0.86	4.99
REDWOOD	-1.75	-1.68	4.99
REDWOOD	-1.61	-1.55	4.99
OREGON COAST	238.5	238.61	4.99
OREGON COAST	237.98	238.03	4.99
THE DALLES-CALIFORNIA	92.3	92.38	4.99
REDWOOD	-0.39	-0.28	4.99
MCKENZIE	111.81	111.86	4.99
SANTIAM	13.45	13.51	4.99
REDWOOD	-0.87	-0.79	4.99
OREGON-WASHINGTON	-0.72	-0.7	4.99
THE DALLES-CALIFORNIA	92.67	92.75	4.99
MCKENZIE	2.59	2.67	4.99
OREGON COAST	238.85	238.96	4.99
REDWOOD	-0.94	-0.87	4.99
MCKENZIE	2.73	2.75	4.99
REDWOOD	-1.59	-1.46	4.99
OREGON COAST	65.79	65.84	4.99
THE DALLES-CALIFORNIA	92.3	92.38	4.99
SANTIAM	13.51	13.59	4.99
MCKENZIE	2.67	2.73	4.99
REDWOOD	-0.58	-0.47	4.99
SANTIAM	13.21	13.28	4.99
THE DALLES-CALIFORNIA	92.45	92.54	4.99
OREGON COAST	65.95	66	4.99
REDWOOD	-1.46	-1.39	4.99
BAKER-COPPERFIELD	0.51	0.61	4.99
REDWOOD	-1.15	-1.08	4.99
REDWOOD	-0.69	-0.63	4.99
REDWOOD	-1.55	-1.54	4.99
SANTIAM	13.34	13.39	4.99
OREGON COAST	66.05	66.1	4.99
OREGON COAST	65.64	65.69	4.99
REDWOOD	-0.7	-0.65	4.99
SANTIAM	12.8	12.88	4.99
THE DALLES-CALIFORNIA	92.54	92.56	4.99
OREGON COAST	66.01	66.07	4.99
REDWOOD	-0.79	-0.75	4.99
REDWOOD	-0.65	-0.58	4.99
OREGON COAST	237.93	237.98	4.99
REDWOOD	-0.63	-0.58	4.99
REDWOOD	-0.75	-0.69	4.99
REDWOOD	-1.89	-1.81	4.99
MCKENZIE	111.75	111.81	4.99
THE DALLES-CALIFORNIA	92.58	92.68	4.99
OREGON-WASHINGTON	-0.68	-0.5	4.99
REDWOOD	-0.8	-0.75	4.99
OREGON COAST	238.63	238.74	4.99
THE DALLES-CALIFORNIA	92.38	92.46	4.99
THE DALLES-CALIFORNIA	92.38	92.45	4.99
OREGON COAST	65.89	65.95	4.99
MCKENZIE	2.31	2.49	4.99
OREGON COAST	65.91	65.97	4.99
REDWOOD	-0.53	-0.39	4.99
REDWOOD	-1.21	-1.14	4.99
OREGON COAST	235.42	235.51	4.99
OREGON COAST	238.94	239	4.99
MCKENZIE	2.49	2.59	4.99
REDWOOD	-1.08	-1.03	4.99
BAKER-COPPERFIELD	0.42	0.48	4.99
REDWOOD	-1	-0.94	4.99
REDWOOD	-1.54	-1.4	4.99
OREGON COAST	65.82	65.87	4.99
MCKENZIE	111.65	111.7	4.99
OREGON-WASHINGTON	-0.7	-0.68	4.99
THE DALLES-CALIFORNIA	92.6	92.67	4.99
OREGON COAST	238.61	238.72	4.99
OREGON COAST	238.74	238.85	4.99
SANTIAM	12.61	12.8	4.99

THE DALLES-CALIFORNIA	92.46	92.58	4.99
SANTIAM	13.32	13.33	4.99
SANTIAM	13.27	13.32	4.99
REDWOOD	-1.09	-1.04	4.99
REDWOOD	-1.68	-1.61	4.99
REDWOOD	-1.29	-1.15	4.99
THE DALLES-CALIFORNIA	92.75	92.78	4.99
OREGON COAST	66.07	66.12	4.99
ROGUE VALLEY	19.23	19.32	4.99
PENDLETON-JOHN DAY	0.61	0.66	4.99
OCHOCO	18.98	19.04	4.99
PACIFIC HIGHWAY WEST	26.17	26.23	4.99
PACIFIC HIGHWAY WEST	37.61	37.66	4.99
CORVALLIS-NEWPORT	50.26	50.33	4.99
PENDLETON	3.87	3.91	4.99
PACIFIC HIGHWAY WEST	37.31	37.36	4.99
PENDLETON-JOHN DAY	0.7	0.75	4.99
MT. HOOD	24.32	24.37	4.99
PENDLETON	3.11	3.16	4.99
PENDLETON	3.75	3.77	4.99
ROGUE VALLEY	19.32	19.37	4.99
SALEM	3.8	3.88	4.99
MT. HOOD	24.24	24.31	4.99
PACIFIC HIGHWAY WEST	37.66	37.72	4.99
PACIFIC HIGHWAY WEST	37.25	37.31	4.99
SALEM	4.24	4.3	4.99
CORVALLIS-NEWPORT	5.00E-02	0.12	4.99
SALEM	4.17	4.24	4.99
SALEM	3.82	3.89	4.99
PENDLETON	3.42	3.47	4.99
PACIFIC HIGHWAY WEST	37.6	37.65	4.99
LA GRANDE-BAKER	1.29	1.33	4.99
PENDLETON	3.22	3.27	4.99
MT. HOOD	24.47	24.52	4.99
PENDLETON	3.67	3.72	4.99
PACIFIC HIGHWAY WEST	37.17	37.21	4.99
PACIFIC HIGHWAY WEST	83.78	83.85	4.99
ALBANY-CORVALLIS	10.85	10.91	4.99
PENDLETON-JOHN DAY	0.47	0.54	4.99
COOS BAY-ROSEBURG	73.01	73.08	4.99
SALEM	6.28	6.3	4.99
PACIFIC HIGHWAY WEST	37.4	37.45	4.99
SALEM	3.95	4.02	4.99
CORVALLIS-NEWPORT	50.41	50.48	4.99
TUALATIN VALLEY	16.61	16.67	4.99
PENDLETON	3.3	3.33	4.99
SALEM	4.02	4.06	4.99
LA GRANDE-BAKER	2.02	2.1	4.99
PACIFIC HIGHWAY WEST	25.83	25.92	4.99
COOS BAY-ROSEBURG	73.08	73.14	4.99
PACIFIC HIGHWAY WEST	83.71	83.78	4.99
CORVALLIS-NEWPORT	50.18	50.26	4.99
PENDLETON-JOHN DAY	1.27	1.32	4.99
PENDLETON	3.47	3.52	4.99
PACIFIC HIGHWAY WEST	23.61	23.66	4.99
MT. HOOD	24.04	24.13	4.99
PACIFIC HIGHWAY WEST	37.31	37.36	4.99
PACIFIC HIGHWAY WEST	83.2	83.28	4.99
CORVALLIS-NEWPORT	0.19	0.26	4.99
SALEM	4.11	4.17	4.99
PACIFIC HIGHWAY WEST	37.21	37.26	4.99
OCHOCO	18.8	18.86	4.99
LA GRANDE-BAKER	1.7	1.78	4.99
PENDLETON-JOHN DAY	1.09	1.14	4.99
PACIFIC HIGHWAY WEST	37.26	37.31	4.99
PACIFIC HIGHWAY WEST	83.64	83.71	4.99
PENDLETON-JOHN DAY	0.56	0.61	4.99
MT. HOOD	24.06	24.14	4.99
PENDLETON-JOHN DAY	0.97	1.02	4.99
PENDLETON-JOHN DAY	0.54	0.56	4.99
LA GRANDE-BAKER	1.84	1.91	4.99
PACIFIC HIGHWAY WEST	23.71	23.76	4.99
SALEM	4.36	4.43	4.99
PACIFIC HIGHWAY WEST	26.11	26.17	4.99
PENDLETON	2.81	2.91	4.99
MONMOUTH-INDEPENDENCE	7.00E-02	0.12	4.99
PACIFIC HIGHWAY WEST	37.65	37.7	4.99

PENDLETON-JOHN DAY	0.64	0.69	4.99
PENDLETON	3.02	3.07	4.99
PACIFIC HIGHWAY WEST	37.47	37.51	4.99
ROGUE VALLEY	19.21	19.32	4.99
MT. HOOD	24.31	24.33	4.99
PENDLETON	3.33	3.39	4.99
PACIFIC HIGHWAY WEST	37.72	37.74	4.99
PENDLETON	3.27	3.32	4.99
MONMOUTH-INDEPENDENCE	0.12	0.16	4.99
PENDLETON	3.32	3.37	4.99
SALEM	4.12	4.18	4.99
PACIFIC HIGHWAY WEST	63.17	63.27	4.99
PACIFIC HIGHWAY WEST	83.93	84	4.99
SALEM	4.3	4.36	4.99
PENDLETON-JOHN DAY	1.22	1.27	4.99
PACIFIC HIGHWAY WEST	37.74	37.76	4.99
PENDLETON-JOHN DAY	1.19	1.24	4.99
SALEM	4.36	4.42	4.99
OCHOCO	18.75	18.8	4.99
MT. HOOD	24.22	24.28	4.99
SALEM	4.24	4.3	4.99
PENDLETON-JOHN DAY	8.00E-02	0.12	4.99
PACIFIC HIGHWAY WEST	23.52	23.57	4.99
PENDLETON-JOHN DAY	0.66	0.7	4.99
LA GRANDE-BAKER	1.45	1.51	4.99
PACIFIC HIGHWAY WEST	83.85	83.93	4.99
PACIFIC HIGHWAY WEST	23.67	23.71	4.99
PENDLETON-JOHN DAY	1.02	1.12	4.99
PACIFIC HIGHWAY WEST	37.36	37.41	4.99
OCHOCO	19.09	19.16	4.99
PACIFIC HIGHWAY WEST	37.41	37.47	4.99
PENDLETON-JOHN DAY	0.9	0.97	4.99
LA GRANDE-BAKER	1.65	1.7	4.99
PENDLETON	3.52	3.57	4.99
PENDLETON-JOHN DAY	1.14	1.19	4.99
LA GRANDE-BAKER	1.39	1.45	4.99
WHITNEY	50.92	50.96	4.99
SALEM	3.75	3.82	4.99
LA GRANDE-BAKER	1.27	1.29	4.99
PENDLETON-JOHN DAY	0.75	0.8	4.99
PACIFIC HIGHWAY WEST	23.56	23.61	4.99
PACIFIC HIGHWAY WEST	23.76	23.81	4.99
PACIFIC HIGHWAY WEST	83.49	83.56	4.99
PENDLETON	2.91	2.96	4.99
PACIFIC HIGHWAY WEST	83.56	83.64	4.99
PACIFIC HIGHWAY WEST	25.92	25.96	4.99
PENDLETON	3.57	3.62	4.99
PENDLETON	3.07	3.12	4.99
ALBANY-CORVALLIS	10.83	10.91	4.99
PACIFIC HIGHWAY WEST	37.56	37.61	4.99
PACIFIC HIGHWAY WEST	23.71	23.76	4.99
LA GRANDE-BAKER	2.28	2.43	4.99
MT. HOOD	24.17	24.22	4.99
PACIFIC HIGHWAY WEST	32.34	32.4	4.99
PACIFIC HIGHWAY WEST	83.2	83.28	4.99
PENDLETON-JOHN DAY	0.42	0.47	4.99
PENDLETON	2.97	3.02	4.99
PACIFIC HIGHWAY WEST	83.86	83.93	4.99
ROGUE VALLEY	19.37	19.46	4.99
PENDLETON-JOHN DAY	1.12	1.17	4.99
PENDLETON	2.78	2.88	4.99
PACIFIC HIGHWAY WEST	23.28	23.35	4.99
PACIFIC HIGHWAY WEST	37.7	37.75	4.99
PACIFIC HIGHWAY WEST	37.36	37.4	4.99
PENDLETON	3.84	3.87	4.99
PACIFIC HIGHWAY WEST	32.4	32.46	4.99
SALEM	3.73	3.8	4.99
MT. HOOD	24.38	24.43	4.99
CORVALLIS-NEWPORT	0.12	0.19	4.99
OCHOCO	19.04	19.09	4.99
MT. HOOD	24.45	24.47	4.99
MT. HOOD	24.19	24.24	4.99
CORVALLIS-NEWPORT	50.33	50.41	4.99
OCHOCO	18.86	18.92	4.99
LA GRANDE-BAKER	1.78	1.84	4.99
MT. HOOD	24.28	24.31	4.99
PENDLETON-JOHN DAY	1.29	1.34	4.99

PACIFIC HIGHWAY WEST	23.57	23.62	4.99
PENDLETON	3.45	3.5	4.99
SALEM	4.18	4.24	4.99
MONMOUTH-INDEPENDENCE	0.16	0.23	4.99
SALEM	4.05	4.11	4.99
OCHOCO	18.44	18.55	4.99
PENDLETON	3.12	3.17	4.99
LA GRANDE-BAKER	1.33	1.39	4.99
PENDLETON	3.25	3.3	4.99
LA GRANDE-BAKER	1.51	1.58	4.99
COOS BAY-ROSEBURG	72.88	72.94	4.99
PACIFIC HIGHWAY WEST	23.81	23.86	4.99
MT. HOOD	24.13	24.19	4.99
PENDLETON	2.76	2.81	4.99
PACIFIC HIGHWAY WEST	23.66	23.71	4.99
OCHOCO	18.55	18.61	4.99
MT. HOOD	24.14	24.17	4.99
PENDLETON	3.39	3.45	4.99
SALEM	5.52	5.6	4.99
ROGUE VALLEY	19.05	19.08	4.99
PACIFIC HIGHWAY WEST	83.93	83.98	4.99
PACIFIC HIGHWAY WEST	83.56	83.64	4.99
SALEM	3.88	3.95	4.99
PACIFIC HIGHWAY WEST	26.03	26.11	4.99
ALBANY-CORVALLIS	0.23	0.31	4.99
PACIFIC HIGHWAY WEST	32.29	32.34	4.99
PACIFIC HIGHWAY WEST	23.76	23.81	4.99
PACIFIC HIGHWAY WEST	23.62	23.67	4.99
TUALATIN VALLEY	16.44	16.49	4.99
TUALATIN VALLEY	16.49	16.55	4.99
PENDLETON	2.48	2.54	4.99
OCHOCO	19.16	19.22	4.99
PENDLETON	2.96	3.01	4.99
COOS BAY-ROSEBURG	73.14	73.18	4.99
PACIFIC HIGHWAY WEST	32.46	32.52	4.99
WILLAMINA-SALEM HWY CONN.	4.74	4.76	4.99
PENDLETON-JOHN DAY	0.85	0.9	4.99
OCHOCO	18.68	18.75	4.99
PACIFIC HIGHWAY WEST	23.51	23.56	4.99
PACIFIC HIGHWAY WEST	83.71	83.78	4.99
LA GRANDE-BAKER	1.58	1.65	4.99
WILLAMINA-SALEM HWY CONN.	4.76	4.79	4.99
PENDLETON-JOHN DAY	0.8	0.85	4.99
PENDLETON	3.01	3.06	4.99
MT. HOOD	24.31	24.32	4.99
CORVALLIS-NEWPORT	0.32	0.39	4.99
SALEM	3.89	3.96	4.99
CORVALLIS-NEWPORT	0.26	0.32	4.99
PENDLETON	3.06	3.11	4.99
PENDLETON-JOHN DAY	0.37	0.42	4.99
PACIFIC HIGHWAY WEST	23.47	23.52	4.99
PENDLETON	3.91	3.92	4.99
COOS BAY-ROSEBURG	72.94	73.01	4.99
SALEM	4.42	4.47	4.99
PENDLETON	2.92	2.97	4.99
PACIFIC HIGHWAY WEST	23.86	23.93	4.99
TUALATIN VALLEY	16.44	16.49	4.99
PENDLETON	3.17	3.22	4.99
OCHOCO	18.92	18.98	4.99
PENDLETON	3.62	3.67	4.99
PACIFIC HIGHWAY WEST	83.64	83.71	4.99
ALBANY-CORVALLIS	10.91	10.94	4.99
TUALATIN VALLEY	16.55	16.61	4.99
OCHOCO	18.61	18.68	4.99
PACIFIC HIGHWAY WEST	83.49	83.56	4.99
PENDLETON	3.5	3.54	4.99
PENDLETON	3.2	3.25	4.99
TUALATIN VALLEY	16.28	16.44	4.99
SALEM	3.96	4.02	4.99
OCHOCO	18.35	18.44	4.99
SALEM	4.3	4.36	4.99
ROGUE VALLEY	19.4	19.46	4.99
MT. HOOD	24.33	24.38	4.99
ROGUE VALLEY	19.32	19.4	4.99
SALEM	4.02	4.05	4.99
PENDLETON-JOHN DAY	1.17	1.22	4.99
TUALATIN VALLEY	16.49	16.56	4.99

SALEM	5.6	5.69	4.99
PENDLETON	3.37	3.42	4.99
PENDLETON	2.88	2.92	4.99
PACIFIC HIGHWAY WEST	23.23	23.28	4.99
SALEM	4.06	4.12	4.99
PENDLETON	3.16	3.2	4.99
PACIFIC HIGHWAY WEST	83.78	83.86	4.99
PENDLETON	3.54	3.61	4.99
TUALATIN VALLEY	16.28	16.44	4.99
PENDLETON-JOHN DAY	1.24	1.29	4.99
LA GRANDE-BAKER	1.91	2.02	4.99
PACIFIC HIGHWAY WEST	37.51	37.56	4.99
KINGS VALLEY	4	4.11	4.99
HILLSBORO-SILVERTON	50.54	50.59	4.99
LOWER COLUMBIA RIVER	98.19	98.27	4.99
LOWER COLUMBIA RIVER	98.27	98.32	4.99
JACKSONVILLE	33.32	33.38	4.99
JACKSONVILLE	33.38	33.43	4.99
HILLSBORO-SILVERTON	50.55	50.59	4.99
JACKSONVILLE	33.8	33.97	4.99
HILLSBORO-SILVERTON	37.54	37.63	4.99
KINGS VALLEY	3.19	3.26	4.99
KINGS VALLEY	3.07	3.16	4.99
LOWER COLUMBIA RIVER	98.05	98.1	4.99
HILLSBORO-SILVERTON	50.42	50.46	4.99
YAMHILL-NEWBERG	11.39	11.45	4.99
KINGS VALLEY	3.09	3.19	4.99
LOWER COLUMBIA RIVER	97.07	97.14	4.99
LOWER COLUMBIA RIVER	98.25	98.3	4.99
KINGS VALLEY	2.98	3.07	4.99
HILLSBORO-SILVERTON	50.32	50.42	4.99
LOWER COLUMBIA RIVER	98.32	98.36	4.99
HILLSBORO-SILVERTON	37.77	37.87	4.99
KINGS VALLEY	3.71	3.77	4.99
KINGS VALLEY	3.16	3.23	4.99
JACKSONVILLE	33.48	33.53	4.99
KINGS VALLEY	2.68	2.73	4.99
LOWER COLUMBIA RIVER	98.34	98.39	4.99
JACKSONVILLE	33.53	33.58	4.99
CORVALLIS-LEBANON	18.01	18.08	4.99
KINGS VALLEY	2.63	2.68	4.99
LOWER COLUMBIA RIVER	97.85	97.89	4.99
CORVALLIS-LEBANON	17.95	18.01	4.99
KINGS VALLEY	4.11	4.19	4.99
CULVER	1.14E-13	5.00E-02	4.99
KINGS VALLEY	2.8	2.91	4.99
YAMHILL-NEWBERG	11.45	11.5	4.99
HILLSBORO-SILVERTON	50.46	50.5	4.99
LOWER COLUMBIA RIVER	96.93	97	4.99
HILLSBORO-SILVERTON	37.63	37.77	4.99
CORVALLIS-LEBANON	18.08	18.13	4.99
GOSHEN-DIVIDE	14.7	14.72	4.99
LOWER COLUMBIA RIVER	98.3	98.34	4.99
CASCADE HWY SOUTH	29.59	29.65	4.99
LOWER COLUMBIA RIVER	98.13	98.19	4.99
CASCADE HWY SOUTH	29.65	29.71	4.99
KINGS VALLEY	2.61	2.63	4.99
KINGS VALLEY	3.23	3.3	4.99
KINGS VALLEY	3.5	3.56	4.99
LOWER COLUMBIA RIVER	97	97.07	4.99
LOWER COLUMBIA RIVER	98.18	98.25	4.99
HILLSBORO-SILVERTON	50.5	50.54	4.99
HILLSBORO-SILVERTON	50.44	50.55	4.99
HILLSBORO-SILVERTON	50.59	50.64	4.99
KINGS VALLEY	3.26	3.33	4.99
KINGS VALLEY	2.91	2.92	4.99
LOWER COLUMBIA RIVER	97.14	97.2	4.99
LOWER COLUMBIA RIVER	98.36	98.38	4.99
HILLSBORO-SILVERTON	50.28	50.32	4.99
LOWER COLUMBIA RIVER	98.1	98.18	4.99
LOWER COLUMBIA RIVER	97.71	97.85	4.99
JACKSONVILLE	33.43	33.48	4.99
KINGS VALLEY	2.73	2.8	4.99
BEAVERTON-TUALATIN	3.2	3.31	4.94
TERRITORIAL	19.6	19.7	4.94
TERRITORIAL	19.87	20.06	4.94
TERRITORIAL	19.81	19.87	4.94

TERRITORIAL	19.57	19.6	4.94
TERRITORIAL	19.75	19.81	4.94
NORTHEAST PORTLAND	2.85	2.87	4.94
TERRITORIAL	19.7	19.75	4.94
OCHOCO	0.26	0.28	4.91
OCHOCO	0.28	0.38	4.91
PACIFIC HIGHWAY WEST	123	123.07	4.9
PACIFIC HIGHWAY WEST	122.55	122.62	4.9
PACIFIC HIGHWAY WEST	122.97	123	4.9
PACIFIC HIGHWAY WEST	122.7	122.77	4.9
PACIFIC HIGHWAY WEST	122.92	123.1	4.9
PACIFIC HIGHWAY WEST	123.1	123.15	4.9
PACIFIC HIGHWAY WEST	122.85	122.92	4.9
PACIFIC HIGHWAY WEST	122.62	122.7	4.9
PACIFIC HIGHWAY WEST	122.77	122.85	4.9
PACIFIC HIGHWAY WEST	122.85	122.97	4.9
GREEN SPRINGS	4.63	5.3	4.85
GREEN SPRINGS	7.39	7.74	4.85
FORT STEVENS HWY FRONT. RD	9.48	9.52	4.85
N ASHLAND CONN. NO. 2	19.07	19.1	4.85
GREEN SPRINGS	8.85	9.18	4.85
CENTURY DR. FRONTAGE RD.	235.7	235.79	4.85
N ASHLAND CONN. NO. 2	19.1	19.26	4.85
GREEN SPRINGS	7.74	7.76	4.85
GREEN SPRINGS	3.5	4.47	4.85
GREEN SPRINGS	7.76	8.85	4.85
GREEN SPRINGS	4.47	4.63	4.85
BAKER-COPPERFIELD	2.73	2.77	4.85
GAZELY RD. CONN. NO. 2	101.86	101.94	4.85
BAKER-COPPERFIELD	2.77	3.02	4.85
BAKER-COPPERFIELD	2.62	2.73	4.85
TUALATIN VALLEY	22.34	23.16	4.85
ROGUE RIVER	12.94	14.5	4.85
ROGUE RIVER	3.19	3.27	4.85
ROGUE RIVER	6.57	6.79	4.85
PACIFIC HIGHWAY EAST	43.55	44.13	4.85
WHITNEY	48.6	49.51	4.85
ROGUE RIVER	11.43	11.86	4.85
ALBANY-JUNCTION CITY	10.24	12.32	4.85
ROGUE RIVER	3.1	3.18	4.85
ALSEA	58.03	58.06	4.85
ROGUE RIVER	5.16	5.23	4.85
ROGUE RIVER	11.86	12.18	4.85
ROGUE RIVER	12.8	12.94	4.85
ROGUE RIVER	5.98	6	4.85
WHITNEY	49.68	49.88	4.85
ROGUE RIVER	9.7	10.23	4.85
ROGUE RIVER	6.79	8.05	4.85
CLAYTON CREEK FRONTAGE RD.	23.58	23.65	4.85
ROGUE RIVER	3.18	3.19	4.85
ALSEA	57.94	58.03	4.85
ROGUE RIVER	12.55	12.59	4.85
ALSEA	58.06	58.23	4.85
WHITNEY	49.63	49.68	4.85
ROGUE RIVER	12.59	12.8	4.85
TUALATIN VALLEY	23.16	23.61	4.85
ROGUE RIVER	10.23	11.18	4.85
ROGUE RIVER	12.18	12.55	4.85
PACIFIC HIGHWAY EAST	33.92	34.16	4.85
ROGUE RIVER	6.09	6.57	4.85
ROGUE RIVER	4.56	5.16	4.85
WHITNEY	49.51	49.63	4.85
ROGUE RIVER	6	6.09	4.85
ALSEA	58.5	58.54	4.85
ROGUE VALLEY	23.57	23.65	4.85
ROGUE RIVER	5.51	5.98	4.85
PACIFIC HIGHWAY WEST	87.59	88.77	4.85
ALSEA	55.45	55.53	4.85
TUALATIN VALLEY	41.1	42.41	4.85
ROGUE RIVER	11.18	11.43	4.85
ROGUE RIVER	14.5	14.57	4.85
ROGUE RIVER	3.01	3.06	4.85
ALSEA	58.23	58.5	4.85
PENDLETON	5.12	5.15	4.85
ROGUE RIVER	5.23	5.51	4.85
ROGUE RIVER	3.06	3.1	4.85
SILVER CREEK FALLS	39.23	39.25	4.85

MOSIER-THE DALLES	19.97	19.986	4.85
HERMISTON	3.58	3.68	4.85
ROGUE RIVER LOOP	4.4	4.48	4.85
MAPLETON-JUNCTION CITY	50.79	51.54	4.85
MOSIER-THE DALLES	20.02	20.07	4.85
HOOD RIVER	2.35	2.55	4.85
NEHALEM	2.64	2.67	4.85
CAPE ARAGO	8.09	8.17	4.85
HISTORIC COLUMBIA RIVER	4.07	4.17	4.85
MOSIER-THE DALLES	20.02	20.04	4.85
CARPENTERVILLE	361.75	361.76	4.85
PAULINA	1.66	2.77	4.85
WARRENTON-ASTORIA	6.41	6.44	4.85
SILVER CREEK FALLS	39.18	39.23	4.85
FORT STEVENS	1.69	1.97	4.85
SILVER CREEK FALLS	39.54	39.61	4.85
JACKSONVILLE	4.42	4.54	4.85
JEFFERSON	8.14	8.38	4.85
PAULINA	1.59	1.66	4.85
FORT STEVENS	5.91	6.01	4.85
HERMISTON	5.13	5.26	4.85
SUNNYSIDE-UMAPINE	7.18	7.68	4.85
SILVER CREEK FALLS	39.47	39.54	4.85
HERMISTON	3.68	3.97	4.85
FORT STEVENS	2.63	2.76	4.85
HOOD RIVER	4	4.14	4.85
CAPE ARAGO	5.75	5.93	4.85
JACKSONVILLE	4.3	4.42	4.85
FORT STEVENS	2.23	2.37	4.85
HISTORIC COLUMBIA RIVER	3.95	4.07	4.85
JACKSONVILLE	4.54	4.67	4.85
HOOD RIVER	3.78	3.86	4.85
SUNNYSIDE-UMAPINE	7.68	7.8	4.85
CARPENTERVILLE	362	362.22	4.85
MOSIER-THE DALLES	20.04	20.08	4.85
CARPENTERVILLE	361.45	361.75	4.85
MOSIER-THE DALLES	19.97	20.02	4.85
HOOD RIVER	3.86	4	4.85
CAPE ARAGO	5.55	5.58	4.85
SILVER CREEK FALLS	39.91	39.93	4.85
JACKSONVILLE	4.67	4.79	4.85
CAPE ARAGO	6.44	6.52	4.85
SAMS VALLEY	0.13	0.17	4.85
FORT STEVENS	2.37	2.58	4.85
JEFFERSON	8.1	8.13	4.85
COUNTY RD. CONN. NO. 2	20.04	20.07	4.85
ROGUE RIVER LOOP	2.39	2.48	4.85
PAULINA	1.35	1.5	4.85
NEHALEM	2.88	2.9	4.85
JEFFERSON	8.13	8.54	4.85
HOOD RIVER	2.13	2.17	4.85
HERMISTON	4	4.27	4.85
SILVER CREEK FALLS	38.94	39.1	4.85
CULVER	1.39	1.65	4.85
FORT STEVENS	2.76	2.85	4.85
HISTORIC COLUMBIA RIVER	4.27	4.39	4.85
HERMISTON	4.27	4.62	4.85
HILLSBORO-SILVERTON	39.73	40.12	4.85
HERMISTON	5.09	5.13	4.85
JEFFERSON	7.29	8.1	4.85
HISTORIC COLUMBIA RIVER	48.92	49.08	4.85
FORT STEVENS	2.58	2.63	4.85
SILVER CREEK FALLS	40.03	40.11	4.85
ROGUE RIVER LOOP	4.5	4.53	4.85
SAMS VALLEY	-0.3	-0.17	4.85
COUNTY RD. CONN. NO. 2	20.02	20.04	4.85
HERMISTON	4.67	4.97	4.85
SILVER CREEK FALLS	39.81	39.86	4.85
CULVER	1.98	2.27	4.85
HISTORIC COLUMBIA RIVER	51.98	52.42	4.85
ROGUE RIVER LOOP	2.68	3.39	4.85
FORT STEVENS	1.58	1.69	4.85
HERMISTON	4.62	4.67	4.85
FORT STEVENS	1.35	1.5	4.85
HISTORIC COLUMBIA RIVER	2.55	2.95	4.85
ROGUE RIVER LOOP	4.48	4.5	4.85
MADRAS-PRINEVILLE	25.1	25.35	4.85

HERMISTON	5.26	5.32	4.85
SILVER CREEK FALLS	39.61	39.73	4.85
SAMS VALLEY	-0.17	0.13	4.85
SILVER CREEK FALLS	39.95	40.03	4.85
CAPE ARAGO	5.49	5.55	4.85
HISTORIC COLUMBIA RIVER	4.17	4.27	4.85
MOSIER-THE DALLES	19.97	20.02	4.85
HERMISTON	3.97	4	4.85
SILVER CREEK FALLS	38.74	38.94	4.85
WARRENTON-ASTORIA	3.53	4.88	4.85
ROGUE RIVER LOOP	2.48	2.55	4.85
CAPE ARAGO	7.41	7.54	4.85
FORT STEVENS	1.51	1.58	4.85
CAPE ARAGO	6.37	6.44	4.85
NEHALEM	2.67	2.88	4.85
MIDLAND	3.75	3.92	4.85
HOOD RIVER	2.55	2.63	4.85
CAPE ARAGO	6.52	6.61	4.85
HISTORIC COLUMBIA RIVER	70.37	70.83	4.85
ROGUE RIVER LOOP	2.55	2.68	4.85
KINGS VALLEY	4.83	5.42	4.85
FREEWATER	1.14E-13	0.35	4.85
HOOD RIVER	2.17	2.35	4.85
SILVER CREEK FALLS	39.25	39.39	4.85
ROGUE RIVER LOOP	4.36	4.4	4.85
FORT STEVENS	5.75	5.91	4.85
GOLD HILL SPUR	2.75	2.76	4.85
ROGUE RIVER LOOP	4.53	5.18	4.85
SILVER CREEK FALLS	39.1	39.18	4.85
CULVER	1.65	1.98	4.85
SUNNYSIDE-UMAPINE	6.69	7.18	4.85
CAPE ARAGO	7.22	7.41	4.85
WILLAMINA-SHERIDAN	0.6	1.64	4.85
HERMISTON	3.22	3.58	4.85
HOOD RIVER	3.61	3.78	4.85
HERMISTON	4.97	5.09	4.85
HISTORIC COLUMBIA RIVER	3.64	3.95	4.85
SILVER CREEK FALLS	39.73	39.81	4.85
SAMS VALLEY	0.17	0.73	4.85
JACKSONVILLE	4.79	4.91	4.85
CAPE ARAGO	8.94	9.28	4.85
FORT STEVENS	1.5	1.51	4.85
GOLD HILL SPUR	2.76	2.81	4.85
NEHALEM	2.49	2.64	4.85
FREEWATER	2.67	2.92	4.85
MOSIER-THE DALLES	19.97	19.983	4.85
CARPENTERVILLE	361.76	362	4.85
CAPE ARAGO	5.58	5.62	4.85
SILVER CREEK FALLS	39.39	39.47	4.85
CULVER	2.27	2.3	4.85
CULVER	1.38	1.39	4.85
FORT STEVENS	1.97	2.23	4.85
MIDLAND	3.11	3.75	4.85
JEFFERSON	8.13	8.14	4.85
O NEIL	0.14	0.38	4.85
CAPE ARAGO	5.62	5.75	4.85
OLDS FERRY-ONTARIO	24	24.78	4.85
FREEWATER	2.92	3.18	4.85
SILVER CREEK FALLS	39.93	39.95	4.85
HISTORIC COLUMBIA RIVER	4.39	4.96	4.85
HOOD RIVER	3.53	3.61	4.85
PAULINA	1.5	1.59	4.85
FREEWATER	0.35	0.61	4.85
SILVER CREEK FALLS	39.86	39.91	4.85
CULVER	2.3	2.91	4.85
WILSONVILLE-HUBBARD	1.14E-13	0.41	4.76
WILSON RIVER	2.53	3.03	4.76
PACIFIC HIGHWAY WEST	113.26	113.78	4.76
PACIFIC HIGHWAY WEST	113.78	114.28	4.76
EOLA FRONTAGE RD. NO. 1	21.33	21.42	4.76
WILSON RIVER	2.28	2.53	4.76
PACIFIC HIGHWAY WEST	112.77	113.26	4.76
DEER PARK DRIVE CONN. NO 1	4.03	4.12	4.76
NORTH UMPQUA HIGHWAY EAST	4.05	4.19	4.76
NORTH UMPQUA HIGHWAY EAST	3.82	3.89	4.76
NORTH UMPQUA HIGHWAY EAST	4.19	4.38	4.76
NORTH UMPQUA HIGHWAY EAST	3.89	4.05	4.76

YAMHILL-NEWBERG	11.27	11.3	4.75
MONMOUTH	7.09	7.17	4.75
BEAVERTON-TUALATIN	5.24	5.27	4.75
NORTHEAST PORTLAND	1.47	1.52	4.75
NORTHEAST PORTLAND	1.76	1.85	4.75
MONMOUTH	7.38	7.44	4.75
NETARTS	8.83	8.87	4.75
NETARTS	8.93	8.98	4.75
GOSHEN-DIVIDE	15.15	15.17	4.75
NORTHEAST PORTLAND	1.85	1.9	4.75
NETARTS	8.67	8.72	4.75
NETARTS	8.98	9.03	4.75
YAMHILL-NEWBERG	11.15	11.17	4.75
MONMOUTH	7.32	7.38	4.75
NORTHEAST PORTLAND	1.6	1.67	4.75
MONMOUTH	7.24	7.32	4.75
NORTHEAST PORTLAND	1.34	1.37	4.75
AMITY-DAYTON	9.05	9.12	4.75
NORTHEAST PORTLAND	1.73	1.76	4.75
NORTHEAST PORTLAND	1.67	1.71	4.75
AMITY-DAYTON	8.92	9.05	4.75
WILLAMINA-SHERIDAN	7.13	7.18	4.75
MONMOUTH	7.44	7.5	4.75
NORTHEAST PORTLAND	1.71	1.73	4.75
NORTHEAST PORTLAND	1.32	1.34	4.75
GOSHEN-DIVIDE	15.07	15.15	4.75
NORTHEAST PORTLAND	1.37	1.42	4.75
NORTHEAST PORTLAND	1.42	1.47	4.75
GOSHEN-DIVIDE	14.98	15.06	4.75
NETARTS	8.87	8.93	4.75
WILLAMINA-SHERIDAN	7.18	7.24	4.75
MONMOUTH	7.17	7.24	4.75
GOSHEN-DIVIDE	15.06	15.07	4.75
DIVISION ST. CONN. NO 1	19.83	19.85	4.73
NEVADA AVE. CONN. NO. 2	273.6	273.72	4.73
KLAMATH FALLS-LAKEVIEW	7.00E-02	0.11	4.73
NEVADA AVE. CONN. NO. 3	273.55	273.58	4.73
COLORADO AVE. CONN. NO. 4	138.21	138.32	4.73
KLAMATH FALLS-LAKEVIEW	0.11	0.18	4.73
TROUTDALE CONN. NO. 3	17.79	17.86	4.73
KLAMATH FALLS-LAKEVIEW	1.14E-13	6.00E-02	4.73
COLORADO AVE. CONN. NO. 3	138.02	138.14	4.73
MCKENZIE	111.91	111.97	4.73
N SUNDIAL FRONTAGE RD.	15.99	16.21	4.73
EMPIRE AVE. CONN. NO. 1	135.41	135.42	4.73
KLAMATH FALLS-LAKEVIEW	0.18	0.19	4.73
KLAMATH FALLS-LAKEVIEW	6.00E-02	7.00E-02	4.73
EMPIRE AVE. CONN. NO. 1	135.37	135.41	4.73
COLORADO AVE. CONN. NO. 3	138.29	138.32	4.73
ALBANY-CORVALLIS	10.57	10.61	4.73
SALEM	5.77	5.79	4.73
SUNSET HILLS CONN. NO. 1	70.68	70.7	4.73
COLUMBIA BLVD. CONN. NO. 2	0.14	0.15	4.73
VANCOUVER AVE. CONN. NO. 6	4.99	5.01	4.73
ALBANY-CORVALLIS	10.45	10.58	4.73
ALBANY-CORVALLIS	10.61	10.66	4.73
SALEM	5.75	5.8	4.73
HWY 091(1W) CONN. NO. 2	56.16	56.46	4.73
MISSION ST. CONN. NO. 3	6.08	6.1	4.73
82ND DRIVE CONNECTION	10.4	10.42	4.73
SALEM	5.93	6.14	4.73
SALEM	5.79	5.83	4.73
SALEM	5.84	5.93	4.73
SALEM	5.83	5.93	4.73
WESTERN BLVD. CONN. NO. 3	54.11	54.15	4.73
SALEM	5.8	5.82	4.73
SALEM	5.82	5.84	4.73
OCHOCO	18.03	18.04	4.73
ALBANY-CORVALLIS	10.66	10.72	4.73
COLUMBIA BLVD. CONN. NO. 2	5.00E-02	6.00E-02	4.73
E. MCMINNVILLE CONN. NO. 1	46.07	46.28	4.73
LANCASTER DRIVE CONN. NO 2	1.8	1.85	4.73
LANCASTER DRIVE CONN. NO 2	1.96	1.99	4.73
NORTH UMPQUA HIGHWAY EAST	-0.32	-0.24	4.73
OREGON COAST	234.56	234.62	4.71
OREGON COAST	234.62	234.65	4.71
CLACKAMAS-BORING	2.61	2.69	4.71

ALBANY-JUNCTION CITY	6.77	6.86	4.62
HELVETIA RD. CONN. NO. 2	61.03	61.05	4.57
HELVETIA RD. CONN. NO. 2	61.05	61.08	4.57
PACIFIC HIGHWAY EAST	28.93	28.96	4.55
BEAVERTON-TUALATIN	8.4	8.52	4.55
BEAVERTON-TUALATIN	8.62	8.74	4.55
BEAVERTON-TUALATIN	8.52	8.62	4.55
ALBANY-JUNCTION CITY	8.57	8.7	4.5
JEFFERSON	6.12	6.17	4.5
HERMISTON	9.1	9.11	4.5
BEAVERTON-TUALATIN	8.07	8.17	4.5
HERMISTON	9.08	9.1	4.5
HERMISTON	9.07	9.08	4.5
ROGUE RIVER LOOP	1.83	1.84	4.5
HAINES RD. CONN. NO. 5	293.55	293.61	4.49
SW CORONADO AVE. FRONT. RD	293.9	293.93	4.49
WILKES FRONTAGE RD. NO. 2	13.09	13.41	4.49
HAINES RD. CONN. NO. 5	293.48	293.55	4.49
FOSTER&WOODSTOCK CONN. #2	17.87	17.88	4.49
FOSTER&WOODSTOCK CONN. #7	17.91	17.95	4.49
FOSTER&WOODSTOCK CONN. #3	17.77	17.81	4.49
FOSTER&WOODSTOCK CONN. #4	17.91	17.93	4.49
W. MARQUAM CONN. NO. 1	1.2	1.25	4.49
FOSTER&WOODSTOCK CONN. #2	17.75	17.77	4.49
W. MARQUAM CONN. NO. 1	1.17	1.2	4.49
ROSS ISLAND CONN. NO. 4	-0.13	1.00E-02	4.49
S. WEST LINN CONN. NO. 2	6.4	6.46	4.49
SUNSET CONN. NO. 6	1.16	1.17	4.49
ROSS ISLAND CONN. NO. 4	6.00E-03	1.00E-02	4.49
S. WEST LINN CONN. NO. 2	6.57	6.61	4.49
CEDAR HILLS BLVD CONN NO 2	68.57	68.58	4.49
SUNSET CONN. NO. 8	1.16	1.17	4.49
STARK-WASHINGTON ST CONN 2	20.68	20.7	4.49
FOSTER&WOODSTOCK CONN. #4	17.8	17.81	4.49
SUNSET CONN. NO. 8	1.15	1.16	4.49
SUNSET CONN. NO. 7	1.48	1.5	4.49
PACIFIC HIGHWAY WEST	1.24	1.25	4.49
KELLY AVENUE FRONTAGE RD.	1.46	1.51	4.49
S.W. 79TH. FRONTAGE RD.	8.48	8.54	4.49
KELLY AVENUE FRONTAGE RD.	1.56	1.6	4.49
GIBBS ST. FRONTAGE RD.	1.71	1.76	4.49
W. STEEL BRIDGE CONN. #2	-0.39	-0.34	4.49
SW 72ND AVE. CONN. NO. 2	6.56	6.59	4.49
W. STEEL BRIDGE CONN. #3	-0.47	-0.34	4.49
SW 72ND AVE. CONN. NO. 2	6.79	6.84	4.49
SHERWOOD' CONN. NO. 1	15.07	15.1	4.49
GIBBS ST. FRONTAGE RD.	1.81	1.86	4.49
SW 72ND AVE. CONN. NO. 2	6.74	6.79	4.49
GIBBS ST. FRONTAGE RD.	1.76	1.81	4.49
KELLY AVENUE FRONTAGE RD.	1.51	1.56	4.49
SW 72ND AVE. CONN. NO. 2	6.59	6.63	4.49
COLUMBIA RIVER	180.8	180.85	4.45
SANTIAM	2.52	2.61	4.45
OREGON COAST	111.05	111.3	4.45
OREGON COAST	61.07	61.09	4.45
OREGON COAST	67.64	67.91	4.45
CENTRAL OREGON	3.56	3.86	4.45
OREGON COAST	125.33	126.03	4.45
OREGON COAST	144.11	144.3	4.45
DEAN CREEK FRONTAGE RD.	35.26	35.69	4.45
THE DALLES-CALIFORNIA	97	97.04	4.45
OREGON COAST	144.79	145.09	4.45
OREGON COAST	61.21	61.87	4.45
OREGON COAST	232.27	232.32	4.45
THE DALLES-CALIFORNIA	91.59	91.72	4.45
OREGON COAST	124.91	125.01	4.45
OREGON COAST	63.2	63.41	4.45
E BAY DR. CONN.	233.46	233.58	4.45
OREGON COAST	123.46	123.49	4.45
OREGON COAST	16.27	16.44	4.45
OREGON COAST	122.59	122.66	4.45
OREGON COAST	61.87	63.16	4.45
OREGON COAST	118.2	118.23	4.45
THE DALLES-CALIFORNIA	271.43	271.83	4.45
THE DALLES-CALIFORNIA	116.72	117.47	4.45
OREGON COAST	120.81	121.09	4.45
OREGON COAST	145.09	145.48	4.45

THE DALLES-CALIFORNIA	278.41	278.42	4.45
OREGON COAST	60.71	60.86	4.45
KLAMATH FALLS-LAKEVIEW	7.14	7.42	4.45
OREGON COAST	232.8	233.2	4.45
OREGON-WASHINGTON	23.45	25.99	4.45
OREGON COAST	362.13	362.22	4.45
OREGON COAST	16.44	16.57	4.45
OREGON COAST	362.37	362.43	4.45
OREGON COAST	148.2	148.83	4.45
OREGON COAST	233.2	233.46	4.45
OREGON COAST	241.77	241.88	4.45
OREGON COAST	233.46	234.56	4.45
OREGON COAST	352	352.66	4.45
OREGON COAST	110.75	110.95	4.45
OREGON COAST	61.09	61.21	4.45
OREGON COAST	231.9	232.13	4.45
OREGON COAST	232.13	232.27	4.45
OREGON COAST	125.01	125.33	4.45
OREGON COAST	145.79	146.5	4.45
OREGON COAST	122.66	122.72	4.45
OREGON COAST	122.72	122.8	4.45
MCKENZIE	108.86	109.65	4.45
OREGON COAST	110.95	111.05	4.45
THE DALLES-CALIFORNIA	91.27	91.4	4.45
THE DALLES-CALIFORNIA	91.22	91.27	4.45
COLUMBIA RIVER	181.62	181.74	4.45
OREGON COAST	148.83	148.96	4.45
OREGON COAST	123.49	123.6	4.45
OREGON COAST	362.22	362.37	4.45
OREGON COAST	144.3	144.37	4.45
OREGON COAST	63.16	63.2	4.45
OREGON COAST	12.81	13.45	4.45
KLAMATH FALLS-LAKEVIEW	6.91	7.14	4.45
THE DALLES-CALIFORNIA	97.99	98.37	4.45
OREGON COAST	68.16	68.64	4.45
OREGON COAST	232.32	232.8	4.45
OREGON COAST	148.96	149.42	4.45
OREGON COAST	354.37	354.46	4.45
OREGON COAST	4.93	4.94	4.45
SANTIAM	2.61	3.06	4.45
OREGON COAST	12.68	12.81	4.45
THE DALLES-CALIFORNIA	97.04	97.1	4.45
COLUMBIA RIVER	181.74	181.86	4.45
THE DALLES-CALIFORNIA	97.74	97.99	4.45
COLUMBIA RIVER	180.63	180.8	4.45
OREGON COAST	144.37	144.79	4.45
OREGON COAST	67.91	68.16	4.45
OREGON-WASHINGTON	0.71	4.42	4.45
OREGON COAST	144.01	144.11	4.45
KLAMATH FALLS-LAKEVIEW	6.31	6.91	4.45
THE DALLES-CALIFORNIA	91.4	91.59	4.45
OREGON COAST	63.41	63.45	4.45
OREGON COAST	146.5	146.66	4.45
OREGON COAST	16.57	16.77	4.45
OREGON-WASHINGTON	0.65	0.71	4.45
OREGON COAST	16.77	16.91	4.45
PACIFIC HIGHWAY WEST	86.5	86.71	4.45
SUNSET	59.02	60.74	4.45
PENDLETON	0.34	0.5	4.45
PACIFIC HIGHWAY WEST	34.36	34.53	4.45
PACIFIC HIGHWAY WEST	76.46	77.47	4.45
SALMON RIVER	34.11	34.31	4.45
LA GRANDE-BAKER	4.17	4.91	4.45
ALBANY-JUNCTION CITY	1.14E-13	0.25	4.45
PACIFIC HIGHWAY WEST	33.45	33.7	4.45
PACIFIC HIGHWAY WEST	24.79	24.93	4.45
OCHOCO	1.09	1.37	4.45
PENDLETON	-3.00E-02	0.26	4.45
LA GRANDE-BAKER	5.2	5.32	4.45
PACIFIC HIGHWAY WEST	19	19.07	4.45
PACIFIC HIGHWAY WEST	24.72	24.79	4.45
JACKSON SCHOOL RD. CONN. 5	58.07	58.41	4.45
ALBANY-CORVALLIS	7.55	8.53	4.45
FLORENCE-EUGENE	0.58	1	4.45
WARM SPRINGS	116.31	116.4	4.45
OCHOCO	1.61	2.46	4.45
OCHOCO	16.45	16.51	4.45

JACKSON SCHOOL RD. CONN. 4	59.02	59.31	4.45
ROGUE VALLEY	0.64	0.74	4.45
LA GRANDE-BAKER	1.14E-13	0.43	4.45
PACIFIC HIGHWAY WEST	77.47	77.8	4.45
PENDLETON-JOHN DAY	5.28	5.58	4.45
LA GRANDE-BAKER	1.14E-13	0.33	4.45
JACKSON SCHOOL RD. CONN. 3	58.74	59.14	4.45
PACIFIC HIGHWAY WEST	30.79	31.34	4.45
PACIFIC HIGHWAY WEST	32.97	33.15	4.45
SUNSET	58.42	59.14	4.45
SUNSET	58.41	59.02	4.45
PACIFIC HIGHWAY WEST	33.15	33.45	4.45
JACKSON SCHOOL RD. CONN. 2	58.7	58.81	4.45
PENDLETON-JOHN DAY	6.34	6.68	4.45
OCHOCO	0.84	0.89	4.45
ROGUE VALLEY	0.34	0.64	4.45
PACIFIC HIGHWAY WEST	32.97	33.15	4.45
CORVALLIS-NEWPORT	1.72	2.24	4.45
PACIFIC HIGHWAY WEST	34.58	34.81	4.45
PACIFIC HIGHWAY WEST	34.39	34.58	4.45
JACKSON SCHOOL RD. CONN. 1	58.42	58.75	4.45
SUNSET	57.38	58.42	4.45
OCHOCO	0.89	1.09	4.45
BELTLINE	0.52	0.7	4.45
SUNSET	59.14	60.86	4.45
PACIFIC HIGHWAY WEST	24.93	25.02	4.45
SALMON RIVER	42.66	43.02	4.45
ROGUE VALLEY	5.00E-02	0.34	4.45
KLAMATH FALLS-MALIN	1.18	1.58	4.45
ALBANY-CORVALLIS	2.21	2.26	4.45
FLORENCE-EUGENE	49.31	49.43	4.45
PENDLETON-JOHN DAY	4.96	5.28	4.45
OCHOCO	15.84	16.45	4.45
LA GRANDE-BAKER	4.91	5.2	4.45
MT. HOOD	19.31	19.59	4.45
PACIFIC HIGHWAY WEST	13.6	13.74	4.45
OAKS INTCHGE. CONN. NO. 2	5.00E-02	0.32	4.45
PENDLETON	0.26	0.34	4.45
WARM SPRINGS	117.12	117.17	4.45
PACIFIC HIGHWAY WEST	60.03	62.31	4.45
PENDLETON-JOHN DAY	4.59	4.96	4.45
OCHOCO	15.52	15.84	4.45
OAKS INTCHGE. CONN. NO. 3	1.14E-13	0.34	4.45
OCHOCO	1.37	1.61	4.45
FLORENCE-EUGENE	1	1.27	4.45
TUALATIN VALLEY	19.96	19.98	4.45
PENDLETON	1.14E-13	0.47	4.45
WARM SPRINGS	116.17	116.31	4.45
PACIFIC HIGHWAY WEST	29.85	30.79	4.45
PENDLETON	0.5	0.59	4.45
KLAMATH FALLS-MALIN	1.58	1.78	4.45
CLACKAMAS-BORING HWY CONN	19.28	19.49	4.45
NEHALEM	90.17	90.3	4.45
LAKE OF THE WOODS	3.59	5.03	4.45
LEWIS & CLARK BR CONN NO 6	48.33	48.46	4.45
CLACKAMAS-BORING	8.39	8.53	4.45
NORTH SANTIAM	6.45	7	4.45
WILLAMINA-SHERIDAN	8.16	8.6	4.45
LAKE OF THE WOODS	-1.29	-1.16	4.45
HILLSBORO-SILVERTON	21.85	22.17	4.45
SOUTH KLAMATH FALLS	3.09	3.16	4.45
CLACKAMAS-BORING	8.53	8.59	4.45
SOUTH KLAMATH FALLS	5.75	5.97	4.45
SALEM-DAYTON	16.49	17.57	4.45
JACKSONVILLE	35.16	35.3	4.45
STAYTON-SUBLIMITY CONN. 3	13.54	13.94	4.45
JACKSONVILLE	37.1	37.43	4.45
MT. HOOD HWY CONN. NO. 1	8.53	8.58	4.45
NEHALEM	89.99	90.17	4.45
WILLAMINA-SHERIDAN	8.16	8.58	4.45
WASHBURN WAY CONN. NO. 4	3.09	3.43	4.45
CLACKAMAS-BORING	8.37	8.4	4.45
NORTH SANTIAM	13.8	14.23	4.45
NORTH SANTIAM	14.23	14.3	4.45
LOWER COLUMBIA RIVER	33.58	33.65	4.45
LAKE OF THE WOODS	-8.03	-6.92	4.45
JACKSONVILLE	3.35	3.88	4.45

HESS CREEK FRONTAGE RD.	22.75	22.96	4.45
FERN RIDGE RD. CONN. NO. 1	14.23	14.27	4.45
MIDLAND	2.14	2.98	4.45
LAKE OF THE WOODS	5.03	6.39	4.45
LEWIS & CLARK BR CONN NO 6	48.46	48.62	4.45
CLACKAMAS-BORING	8.59	8.78	4.45
LOWER COLUMBIA RIVER	33.18	33.25	4.45
KINGS VALLEY	1.24	2.13	4.45
LAKE OF THE WOODS	2.64	2.74	4.45
JACKSONVILLE	37.43	37.58	4.45
LOWER COLUMBIA RIVER	32.65	32.76	4.45
LAKE OF THE WOODS	-1.64	-1.29	4.45
LOWER COLUMBIA RIVER	32.76	33.18	4.45
NORTH SANTIAM	14.3	14.4	4.45
JACKSONVILLE	35.3	36.2	4.45
HILLSBORO-SILVERTON	22.17	22.75	4.45
NORTH SANTIAM	6.48	6.86	4.45
LAKE OF THE WOODS	-5.88	-5.28	4.45
LAKE OF THE WOODS	-8.15	-8.03	4.45
LOWER COLUMBIA RIVER	32.5	32.65	4.45
OLDS FERRY-ONTARIO	25.21	25.5	4.45
HILLSBORO-SILVERTON	22.75	23.46	4.45
CLACKAMAS-BORING	3.7	3.78	4.45
JACKSONVILLE	3.03	3.13	4.45
NEHALEM	88.23	88.53	4.45
MT. HOOD HWY CONN. NO. 2	8.59	8.83	4.45
LOWER COLUMBIA RIVER	34.61	35.86	4.45
LOWER COLUMBIA RIVER	32.45	32.5	4.45
WASHBURN WAY CONN. NO. 3	2.82	3.14	4.45
WASHBURN WAY CONN. NO. 2	2.7	2.91	4.45
JACKSONVILLE	3.13	3.35	4.45
SALEM-DAYTON	17.57	17.64	4.45
TUALATIN VALLEY HWY CONN 1	34.53	34.66	4.45
CLACKAMAS-BORING	8.37	8.39	4.45
NORTH SANTIAM	13.53	13.8	4.45
NORTH SANTIAM	13.54	13.8	4.45
OLDS FERRY-ONTARIO	24.99	25.21	4.45
LAKE OF THE WOODS	2.29	2.64	4.45
JACKSONVILLE	2.84	3.03	4.45
CLACKAMAS-BORING	8.4	8.57	4.45
SOUTH KLAMATH FALLS	3.16	3.31	4.45
JACKSONVILLE	36.2	37.1	4.45
MIDLAND	1.88	2.14	4.45
LOWER COLUMBIA RIVER	33.25	33.58	4.45
BEAVERTON-TUALATIN	285.87	285.88	4.29
CRATER LAKE AVE FRONT. RD.	5.06	5.25	4.29
CRATER LAKE AVE FRONT. RD.	3.64	4.76	4.29
COTTAGE GROVE CONN. NO. 1	175	175.12	4.29
CRATER LAKE AVE FRONT. RD.	3	3.64	4.29
VAN DUYN RD. CONN. NO. 2	199.06	199.21	4.29
DEADY CONN. NO. 2	135.12	135.21	4.29
EGGE FRONTAGE RD.	197.44	197.77	4.29
ARMITAGE PARK FRONTAGE RD.	197.12	197.42	4.29
CRATER LAKE AVE FRONT. RD.	5.25	5.38	4.29
GREEN SPRINGS	56.74	57.42	4.29
CRATER LAKE AVE FRONT. RD.	2.62	2.76	4.29
OLD STAGE RD. FRONTAGE RD.	40.86	40.91	4.29
LOUSE CREEK CONN. NO. 3	61.66	61.91	4.29
LAMPMAN FRONTAGE RD.	40.83	40.92	4.29
DELTA PARK CONN. NO. 2	306.75	306.84	4.29
COTTAGE GROVE CONN. NO. 1	175.16	175.2	4.29
CRATER LAKE AVE FRONT. RD.	4.76	5.06	4.29
HUBBARD INTCHG. CONN. NO 2	282.53	282.66	4.29
COTTAGE GROVE CONN. NO. 1	175.12	175.16	4.29
CRATER LAKE AVE FRONT. RD.	2.89	2.98	4.29
WILSONVILLE-HUBBARD	-0.31	1.14E-13	4.29
PACIFIC HIGHWAY WEST	-5.98	-5.75	4.29
PACIFIC HIGHWAY WEST	-5.5	-5.42	4.29
WILSONVILLE-HUBBARD	-0.31	1.14E-13	4.29
WILSONVILLE-HUBBARD	5.06	5.44	4.29
PACIFIC HIGHWAY EAST	26.88	27.09	4.29
PACIFIC HIGHWAY WEST	-5.75	-5.52	4.29
WILSONVILLE-HUBBARD	3.48	5.06	4.29
PACIFIC HIGHWAY WEST	-5.76	-5.52	4.29
PACIFIC HIGHWAY WEST	-5.52	-5.5	4.29
PACIFIC HIGHWAY WEST	-5.42	-5.27	4.29
PACIFIC HIGHWAY EAST	29.89	30.18	4.29

GOLD HILL SPUR	3.13	3.32	4.29
DELTA PARK CONN. NO. 2	-5.39	-5.3	4.29
CAPE ARAGO	5.93	6.15	4.29
BEAVERTON-TUALATIN	12.74	13.09	4.29
DELTA PARK CONN. NO. 1	5.5	5.61	4.29
CASCADE HWY SOUTH	13.75	13.78	4.29
GOLD HILL SPUR	2.98	3.02	4.29
DELTA PARK CONN. NO. 3	5.27	5.49	4.29
BEAVERTON-TUALATIN	13.23	13.24	4.29
NORTHEAST PORTLAND	0.51	0.56	4.29
CASCADE HWY SOUTH	13.78	14.05	4.29
FRANKLIN BLVD. FRONTAGE RD	1.42	1.43	4.29
NORTHEAST PORTLAND	0.22	0.42	4.29
HILLSBORO-SILVERTON	35.77	36.02	4.29
EAGLE CREEK-SANDY	4.77	5.14	4.29
CLACKAMAS	10.3	11.18	4.29
CLACKAMAS	11.92	13.77	4.29
MIDLAND	1.33	1.46	4.29
MIDLAND	1.46	1.59	4.29
MCVAY	1.42	1.63	4.29
MCVAY	1.63	1.66	4.29
HILLSBORO-SILVERTON	36.02	36.24	4.29
NORTHEAST PORTLAND	0.13	0.22	4.29
MIDLAND	1.59	1.78	4.29
HILLSBORO-SILVERTON	35.19	35.77	4.29
GOLD HILL SPUR	3.02	3.13	4.29
E HOOD RIVER CONN. NO. 2	64.38	64.42	4.26
E HOOD RIVER CONN. NO. 2	64.38	64.38191582	4.26
SILVER CR. FALLS CONN NO 2	9.04	9.14	4.26
OLD STAGE RD. FRONTAGE RD.	42.36	42.45	4.24
BAKER-COPPERFIELD	2.32	2.6	4.24
CRATER LAKE AVE FRONT. RD.	2.02	2.09	4.24
RICHLAND INTCHGE. CONN.	302.71	302.84	4.24
CRATER LAKE	10.94	11.22	4.24
N REDMOND INTCHGE. CONN. 2	118.91	118.98	4.24
BROOKS CONN. NO. 2	263.42	263.56	4.24
N. PHOENIX CONN. NO. 2	24.4	24.46	4.24
BAKER-COPPERFIELD	2.18	2.41	4.24
SE TAYLOR AVE. CONN.	173.38	173.42	4.24
BAKER-COPPERFIELD	2.6	2.75	4.24
JUDKINS POINT CONN. NO. 2	191.9	192.07	4.24
N. PHOENIX CONN. NO. 2	24.34	24.4	4.24
CRATER LAKE	11.22	12.86	4.24
OLD STAGE RD. FRONTAGE RD.	42.45	43.12	4.24
N. PHOENIX CONN. NO. 2	23.82	23.831	4.24
PACIFIC HIGHWAY EAST	41.74	41.98	4.24
PACIFIC HIGHWAY EAST	42.78	43.19	4.24
TUALATIN VALLEY	19.98	20.33	4.24
WHITNEY	49.88	49.99	4.24
PACIFIC HIGHWAY EAST	41.98	42.23	4.24
PACIFIC HIGHWAY WEST	108.32	108.68	4.24
WANKERS CORNER CONN. NO. 2	3.25	3.39	4.24
PACIFIC HIGHWAY EAST	42.23	42.44	4.24
PACIFIC HIGHWAY EAST	36.22	36.9	4.24
TUALATIN VALLEY	21.08	21.43	4.24
PACIFIC HIGHWAY EAST	34.99	36.22	4.24
PACIFIC HIGHWAY EAST	36.9	37.14	4.24
PACIFIC HIGHWAY EAST	42.44	42.78	4.24
LA GRANDE-BAKER	48.57	49.29	4.24
TUALATIN VALLEY	21.81	21.91	4.24
CULVER	3.49	3.67	4.24
TERRITORIAL	18.63	18.7	4.24
WOODBURN-ESTACADA	13.7	14.21	4.24
WARRENTON-ASTORIA	1.64	1.99	4.24
CASCADE HWY SOUTH	6.18	6.47	4.24
TERRITORIAL	18.7	18.95	4.24
HILLSBORO-SILVERTON	16.44	17.92	4.24
TERRITORIAL	18.57	18.63	4.24
AMITY-DAYTON	7.44	8.28	4.24
GOSHEN-DIVIDE	6.55	7.1	4.24
CASCADE HWY SOUTH	6.47	6.57	4.24
TERRITORIAL	18.47	18.51	4.24
GOSHEN-DIVIDE	16.17	16.32	4.24
TERRITORIAL	18.51	18.57	4.24
WALKER RD. CONN. NO. 2	0.88	0.95	4.24
WILLAMINA-SHERIDAN	3.44	4.5	4.24
CASCADE HWY SOUTH	6.57	6.74	4.24

CULVER	2.91	3.49	4.24
SAMS VALLEY	3	4.46	4.24
HERMISTON	5.86	6.05	4.24
ROGUE RIVER LOOP	3.39	3.78	4.24
GOSHEN-DIVIDE	16.8	17.3	4.24
TERRITORIAL	18.07	18.47	4.24
GOSHEN-DIVIDE	16.09	16.17	4.24
GOSHEN-DIVIDE	16.32	16.8	4.24
GOSHEN-DIVIDE	17.3	18.19	4.24
JEFFERSON	6.24	6.48	4.24
PACIFIC HIGHWAY WEST	108.85	108.89	4.22
KUEBLER CONN. NO. 2	251.49	251.54	4.17
KUEBLER CONN. NO. 2	251.54	251.55	4.17
KUEBLER CONN. NO. 2	251.55	251.72	4.17
HELVETIA RD. CONN. NO. 2	61.22	61.27	4.17
HELVETIA RD. CONN. NO. 2	61.27	61.29	4.17
MCVAY INTCHG. FRONTAGE RD.	190.75	190.76	4.1
RIDDLE RD. CONN. NO. 3	103.98	104	4.1
RIDDLE RD. CONN. NO. 3	104.16	104.27	4.1
MCVAY INTCHG. FRONTAGE RD.	190.76	190.85	4.1
RIDDLE RD. CONN. NO. 3	103.8	103.98	4.1
RIDDLE RD. CONN. NO. 3	104	104.04	4.1
MCVAY INTCHG. FRONTAGE RD.	190.68	190.75	4.1
VANCOUVER AVE. CONN. NO. 5	4.89	4.96	4.1
PACIFIC HIGHWAY EAST	25.01	25.05	4.1
VANCOUVER AVE. CONN. NO. 5	4.75	4.77	4.1
VANCOUVER AVE. CONN. NO. 5	4.77	4.89	4.1
PACIFIC HIGHWAY EAST	24.95	25.01	4.1
PACIFIC HIGHWAY EAST	25.05	25.1	4.1
PACIFIC HIGHWAY EAST	24.88	24.95	4.1
WILLAMINA-SHERIDAN	2.05	2.09	4.1
SALEM-DAYTON	18.26	18.33	4.1
NW MARINA WAY FRONTAGE RD.	9.98	10.41	4.1
KING CITY FRONTAGE RD.	11.58	11.6	4.1
NW MARINA WAY FRONTAGE RD.	10.41	10.43	4.1
WILLAMINA-SHERIDAN	2.04	2.05	4.1
WILLAMINA-SHERIDAN	2.09	2.13	4.1
BATTLE CREEK CONN. NO. 5	248.36	248.37	4.05
CHENOWETH CONN. NO. 2	82.04	82.05	4.05
JORDAN CONN. NO. 2	18.32	18.33	4.05
CHENOWETH CONN. NO. 2	82.1	82.11	4.05
WASHINGTON ST. FRONT. RD.	13.85	13.86	4.05
WHITNEY	50.37	50.39	4.05
WHITNEY	50.46	50.48	4.05
WINERY LN. FRONTAGE ROAD	76.12	76.18	4.05
WHITNEY	50.39	50.46	4.05
HOLMAN PARK FRONTAGE RD.	22.07	22.19	4.05
EOLA FRONTAGE RD. NO. 2	21.65	21.72	4.05
HISTORIC COLUMBIA RIVER	49.98	50.12	4.05
HOOD RIVER	0.6	0.66	4.05
HERMISTON	8.18	8.3	4.05
SAMS VALLEY	2.44	2.51	4.05
ELKTON-SUTHERLIN	24.1	24.15	4.05
HERMISTON	7.48	7.55	4.05
CEDAR CREEK FRONTAGE RD.	15.84	15.88	4.05
ELKTON-SUTHERLIN	24.02	24.1	4.05
HERMISTON	8.35	8.42	4.05
JEFFERSON	5.96	6.12	4.05
JEFFERSON	5.64	5.67	4.05
HILLSBORO-SILVERTON	0.37	0.4	4.05
JEFFERSON	5.89	5.96	4.05
HISTORIC COLUMBIA RIVER	49.86	49.89	4.05
HERMISTON	8.3	8.33	4.05
HERMISTON	8.42	8.67	4.05
HISTORIC COLUMBIA RIVER	49.89	49.92	4.05
JEFFERSON	5.49	5.64	4.05
HILLSBORO-SILVERTON	0.26	0.35	4.05
HERMISTON	7.57	7.92	4.05
CASCADE HWY SOUTH	29.37	29.4	4.05
SILVER CREEK FALLS	40.11	40.2	4.05
HILLSBORO-SILVERTON	0.35	0.37	4.05
CASCADE HWY SOUTH	29.16	29.27	4.05
HISTORIC COLUMBIA RIVER	49.92	49.98	4.05
JEFFERSON	5.67	5.72	4.05
HERMISTON	8.32	8.35	4.05
CASCADE HWY SOUTH	29.33	29.37	4.05
ELKTON-SUTHERLIN	23.96	24.02	4.05

HERMISTON	7.42	7.48	4.05
JEFFERSON	5.88	5.89	4.05
JEFFERSON	5.8	5.88	4.05
AMITY-DAYTON	8.56	8.58	4.05
HISTORIC COLUMBIA RIVER	50.12	50.3	4.05
SAMS VALLEY	2.36	2.44	4.05
MONMOUTH	6.75	6.8	4.05
SILVER CREEK FALLS	40.2	40.21	4.05
HERMISTON	7.21	7.42	4.05
HERMISTON	8.67	8.68	4.05
HERMISTON	7.55	7.57	4.05
CASCADE HWY SOUTH	29.27	29.33	4.05
N SUNDIAL FRONTAGE RD.	16.35	16.44	4.01
HILTON COURT FRONTAGE ROAD	0.44	0.58	3.96
BIDDLE RD. CONN. NO. 1	0.31	0.44	3.96
ROGUE VALLEY	19.19	19.23	3.96
ROGUE VALLEY	19.17	19.21	3.96
ROGUE VALLEY	19.08	19.11	3.96
ROGUE VALLEY	19.11	19.19	3.96
LOWER COLUMBIA RIVER	46.8	46.86	3.96
LOWER COLUMBIA RIVER	46.91	46.97	3.96
LOWER COLUMBIA RIVER	46.86	46.91	3.96
LOWER COLUMBIA RIVER	46.73	46.8	3.96
LOWER COLUMBIA RIVER	47.03	47.04	3.96
TERRITORIAL	20.49	20.63	3.94
TERRITORIAL	20.12	20.28	3.94
TERRITORIAL	20.28	20.37	3.94
TERRITORIAL	20.63	20.68	3.94
TERRITORIAL	20.37	20.49	3.94
TERRITORIAL	20.06	20.12	3.94
BEAVERTON-TUALATIN	8.17	8.32	3.94
MCKENZIE	111.89	111.94	3.91
SANTIAM	12.88	12.91	3.91
BAKER-COPPERFIELD	0.27	0.37	3.91
MCKENZIE	111.74	111.79	3.91
MCKENZIE	111.57	111.63	3.91
THE DALLES-CALIFORNIA	92.2	92.3	3.91
MCKENZIE	111.63	111.68	3.91
BAKER-COPPERFIELD	0.24	0.27	3.91
OREGON-WASHINGTON	-0.4	-0.35	3.91
SANTIAM	13.02	13.08	3.91
OREGON-WASHINGTON	-0.5	-0.45	3.91
THE DALLES-CALIFORNIA	92.14	92.2	3.91
SANTIAM	13.15	13.21	3.91
MCKENZIE	111.84	111.89	3.91
BAKER-COPPERFIELD	0.37	0.42	3.91
SANTIAM	13.08	13.14	3.91
SANTIAM	13.09	13.15	3.91
OREGON-WASHINGTON	-0.45	-0.4	3.91
MCKENZIE	111.79	111.84	3.91
SANTIAM	13.03	13.09	3.91
MCKENZIE	111.68	111.74	3.91
PENDLETON-JOHN DAY	1.39	1.44	3.91
PENDLETON-JOHN DAY	1.32	1.37	3.91
PENDLETON-JOHN DAY	1.44	1.48	3.91
PENDLETON-JOHN DAY	1.47	1.52	3.91
PENDLETON-JOHN DAY	1.48	1.53	3.91
PENDLETON-JOHN DAY	1.37	1.42	3.91
PENDLETON-JOHN DAY	1.34	1.39	3.91
PENDLETON-JOHN DAY	1.42	1.47	3.91
CORVALLIS-LEBANON	17.57	17.64	3.91
KINGS VALLEY	3.56	3.63	3.91
CORVALLIS-LEBANON	17.66	17.71	3.91
CORVALLIS-LEBANON	17.8	17.91	3.91
CLACKAMAS-BORING	6.9	7.01	3.91
KINGS VALLEY	3.63	3.71	3.91
CORVALLIS-LEBANON	17.64	17.66	3.91
CORVALLIS-LEBANON	17.91	17.95	3.91
CORVALLIS-LEBANON	17.72	17.8	3.91
CORVALLIS-LEBANON	17.71	17.72	3.91
WHITNEY	50.83	50.92	3.75
WHITNEY	50.72	50.78	3.75
WHITNEY	50.78	50.83	3.75
WILLAMINA-SHERIDAN	2.43	2.52	3.75
GOSHEN-DIVIDE	14.84	14.87	3.75
WILLAMINA-SHERIDAN	2.52	2.67	3.75
ELKTON-SUTHERLIN	24.37	24.4	3.75

SAMS VALLEY	2.28	2.36	3.75
GOSHEN-DIVIDE	14.97	14.98	3.75
HISTORIC COLUMBIA RIVER	50.5	50.54	3.75
AMITY-DAYTON	8.81	8.92	3.75
HISTORIC COLUMBIA RIVER	49.78	49.86	3.75
HOOD RIVER	0.16	0.2	3.75
YAMHILL-NEWBERG	11.04	11.1	3.75
SAMS VALLEY	2.16	2.23	3.75
HISTORIC COLUMBIA RIVER	49.7	49.78	3.75
WOODBURN-ESTACADA	12.94	12.98	3.75
HILLSBORO-SILVERTON	19.99	20.04	3.75
HOOD RIVER	0.1	0.16	3.75
HOOD RIVER	0.57	0.6	3.75
WOODBURN-ESTACADA	12.93	12.94	3.75
SILVER CREEK FALLS	40.52	40.59	3.75
NETARTS	8.77	8.83	3.75
HISTORIC COLUMBIA RIVER	50.59	50.64	3.75
WOODBURN-ESTACADA	13.03	13.19	3.75
WOODBURN-ESTACADA	12.7	12.76	3.75
WOODBURN-ESTACADA	13.19	13.22	3.75
WOODBURN-ESTACADA	12.85	12.87	3.75
AMITY-DAYTON	8.58	8.66	3.75
WOODBURN-ESTACADA	12.76	12.81	3.75
HISTORIC COLUMBIA RIVER	50.54	50.59	3.75
WILLAMINA-SHERIDAN	2.28	2.33	3.75
YAMHILL-NEWBERG	11.1	11.15	3.75
WOODBURN-ESTACADA	13.22	13.29	3.75
ELKTON-SUTHERLIN	24.47	24.48	3.75
WILLAMINA-SHERIDAN	2.33	2.38	3.75
WOODBURN-ESTACADA	12.81	12.85	3.75
SILVER CREEK FALLS	40.66	40.81	3.75
HOOD RIVER	0.62	0.67	3.75
HOOD RIVER	0.51	0.55	3.75
HILLSBORO-SILVERTON	19.93	19.99	3.75
HOOD RIVER	0.47	0.5	3.75
GOSHEN-DIVIDE	14.91	14.97	3.75
HERMISTON	6.81	6.93	3.75
WILLAMINA-SHERIDAN	2.38	2.43	3.75
ELKTON-SUTHERLIN	24.4	24.47	3.75
WOODBURN-ESTACADA	12.87	12.93	3.75
JACKSONVILLE	33.28	33.32	3.75
HOOD RIVER	0.53	0.57	3.75
CASCADE HWY SOUTH	29.5	29.54	3.75
FORT STEVENS	3.38	3.44	3.75
HISTORIC COLUMBIA RIVER	49.58	49.7	3.75
ESPLANADE SPUR	5	5.05	3.75
WOODBURN-ESTACADA	12.66	12.7	3.75
SAMS VALLEY	2.23	2.28	3.75
HILLSBORO-SILVERTON	20.04	20.1	3.75
WOODBURN-ESTACADA	12.98	13.03	3.75
FORT STEVENS	3.35	3.38	3.75
NETARTS	8.72	8.77	3.75
HISTORIC COLUMBIA RIVER	50.64	50.69	3.75
HOOD RIVER	0.2	0.23	3.75
CASCADE HWY SOUTH	29.54	29.59	3.75
GOSHEN-DIVIDE	14.87	14.91	3.75
HOOD RIVER	8.00E-02	0.1	3.75
CASCADE HWY SOUTH	29.4	29.5	3.75
HOOD RIVER	6.00E-02	8.00E-02	3.75
SILVER CREEK FALLS	40.59	40.66	3.75
WOODBURN-ESTACADA	12.64	12.66	3.75
YAMHILL-NEWBERG	11.34	11.39	3.75
HOOD RIVER	0.4	0.47	3.75
ELKTON-SUTHERLIN	24.35	24.37	3.75
HOOD RIVER	0.6	0.62	3.75
JACKSONVILLE	33.23	33.28	3.75
HOOD RIVER	0.5	0.53	3.75
POWERS RD. CONN. NO. 1	140.06	140.08	3.7
N ALBANY CONN. NO. 2	234.08	234.11	3.7
REED MARKET RD. CONN. NO 4	139.16	139.25	3.7
KLAMATH FALLS-LAKEVIEW	-4.00E-02	-1.00E-02	3.7
POWERS RD. CONN. NO. 1	139.88	139.9	3.7
VANCOUVER AVE. CONN. NO. 1	4.85	4.89	3.7
VANCOUVER AVE. CONN. NO. 1	4.89	4.94	3.7
GOLF CLUB RD. CONN. NO. 4	11.53	11.56	3.7
OREGON COAST	4.33	4.41	3.65
NEHALEM	4.33	4.332	3.65

REVERE AVE. CONN. NO. 2	137.05	137.06	3.65
OREGON COAST	4.31	4.33	3.65
NEHALEM	4.307806953	4.31	3.65
KUEBLER CONN. NO. 2	251.27	251.34	3.65
OREGON COAST	4.33	4.41	3.65
OREGON COAST	4.407532883	4.41	3.65
OREGON COAST	4.407	4.41	3.65
COLORADO AVE. CONN. NO. 1	138.15	138.25	3.65
EMPIRE AVE. CONN. NO. 1	135.5	135.51	3.65
OREGON COAST	4.31	4.33	3.65
SHERIDAN CONN. NO. 5	32.69	32.77	3.65
OREGON COAST	3.00E-02	3.25E-02	3.65
OREGON COAST	0.168665055	0.17	3.65
DAVID HILL CONN. NO. 1	88.69	88.692	3.65
NEHALEM	1.14E-13	3.00E-02	3.65
NEHALEM	0.15	0.17	3.65
DAVID HILL CONN. NO. 1	88.68	88.682	3.65
DAVID HILL CONN. NO. 1	88.68	88.7	3.65
N. PHOENIX CONN. NO. 2	24.23	24.32	3.49
BONNEVILLE POWER FRONT RD.	189.72	189.93	3.49
COTTAGE GROVE FRONTAGE RD.	172.49	173.24	3.49
N. PHOENIX CONN. NO. 10	24.1	24.14	3.49
RIVERSIDE DR. FRONTAGE RD.	63.8	63.87	3.49
HOOD RIVER FRONTAGE RD.	64.02	64.07	3.49
JORDAN CONN. NO. 2	18.6	18.68	3.49
HOOD RIVER FRONTAGE RD.	63.49	63.79	3.49
N. PHOENIX CONN. NO. 2	24.23	24.3	3.49
MOTOR COURT NE FRONTAGE RD	256.13	256.24	3.49
HOOD RIVER FRONTAGE RD.	63.83	63.88	3.49
N. PHOENIX CONN. NO. 2	24.1	24.23	3.49
N. PHOENIX CONN. NO. 2	24.1	24.108	3.49
HOOD RIVER FRONTAGE RD.	63.8	63.83	3.49
N. PHOENIX CONN. NO. 2	23.8	23.8017036	3.49
HOOD RIVER FRONTAGE RD.	63.79	63.8	3.49
HOOD RIVER FRONTAGE RD.	63.95	64.02	3.49
BONNEVILLE POWER FRONT RD.	189.93	189.96	3.49
FAIRGROUNDS CONN. NO. 2	123.03	123.07	3.49
N. PHOENIX CONN. NO. 2	24.3	24.34	3.49
N. PHOENIX CONN. NO. 10	24.09	24.098	3.49
WESTCLIFF DR. FRONTAGE RD.	62.63	62.96	3.49
N. PHOENIX CONN. NO. 2	24.09	24.23	3.49
E. MCMINNVILLE CONN. NO. 1	46.61	46.7	3.49
BUTNER ROAD FRONTAGE ROAD	68.16	68.23	3.49
GLADSTONE CONN. NO. 5	11.23	11.24	3.49
OCHOCO ST. FRONTAGE RD.	4.77	4.79	3.49
OCHOCO ST. FRONTAGE RD.	4.79	4.85	3.49
HIGHLANDS CONN NO. 1	72.26	72.29	3.49
E. MCMINNVILLE CONN. NO. 1	46.52	46.61	3.49
DEPOT ST. CONNECTION	8.99	9	3.49
COOS BAY-ROSEBURG CONN 1	75.93	75.99	3.49
E. MCMINNVILLE CONN. NO. 1	46.28	46.52	3.49
GLADSTONE CONN. NO. 6	11.29	11.36	3.49
N. SALEM FRONTAGE RD.	46.3	46.49	3.49
MAINLINE DR. FRONTAGE RD.	1.54	1.92	3.49
CAMELOT CT. FRONTAGE RD.	70.64	70.7	3.49
GLADSTONE CONN. NO. 5	11.29	11.39	3.49
GLADSTONE CONN. NO. 5	11.24	11.29	3.49
SUNSET HILLS CONN. NO. 1	70.64	70.65	3.49
MAINLINE DR. FRONTAGE RD.	1.92	2.1	3.49
WESTERN BLVD. CONN. NO. 3	54.08	54.11	3.49
E. MCMINNVILLE FRONTAGE RD	47.05	47.16	3.49
FOOTHILL BLVD. FRONTAGE RD	1.3	1.75	3.49
CEDARWOOD RD. FRONT. RD.	1.71	1.76	3.49
E. MCMINNVILLE FRONTAGE RD	46.65	47.05	3.49
FRANKLIN BLVD. FRONTAGE RD	1.43	2.02	3.49
EUGENE FRONTAGE RD.	121.81	121.88	3.49
ADAIR VILLAGE FRONT. RD.#1	75.09	75.15	3.49
SOUTHWOOD LANE FRONT. RD.	1.71	1.81	3.49
ESPLANADE SPUR	5.05	5.1	3.49
BEEF BEND FRONTAGE RD.	10.79	10.98	3.49
WEBSTER RD. CONN. NO. 1	4.92	4.94	3.49
SW 112TH AVE. FRONTAGE RD.	2.37	2.44	3.49
SW LEE AVE. FRONTAGE RD.	2.34	2.37	3.49
ADAIR VILLAGE FRONT. RD.#1	74.66	75.09	3.49
S.W. 79TH. FRONTAGE RD.	8.42	8.48	3.49
DELTA PARK CONN. NO. 2	306.64	306.66	3.46
S SUNDIAL FRONTAGE RD.	16.9	16.99	3.46

JANTZEN BEACH CONN. NO. 3	308.3	308.31	3.46
JANTZEN BEACH CONN. NO. 3	308.23	308.26	3.46
JANTZEN BEACH CONN. NO. 3	308.26	308.27	3.46
JANTZEN BEACH CONN. NO. 3	308.27	308.3	3.46
DENNEY RD. CONN. NO. 2	3.06	3.1	3.41
DENNEY RD. CONN. NO. 2	2.85	3	3.41
ALBANY-CORVALLIS	10.63	10.69	3.35
ALBANY-CORVALLIS	10.44	10.57	3.35
ALBANY-CORVALLIS	10.69	10.74	3.35
ALBANY-CORVALLIS	10.79	10.85	3.35
ALBANY-CORVALLIS	10.74	10.79	3.35
ALBANY-CORVALLIS	10.58	10.63	3.35
THE DALLES-CALIFORNIA	0.84	0.88	3.21
OLD STAGE RD. FRONTAGE RD.	43.12	43.25	3.21
GREEN SPRINGS	6.01	6.46	3.21
THE DALLES-CALIFORNIA	1.8	2.08	3.21
THE DALLES-CALIFORNIA	1.14E-13	0.51	3.21
THE DALLES-CALIFORNIA	0.69	0.84	3.21
MCLAIN AVE. FRONTAGE RD.	121.69	121.78	3.21
THE DALLES-CALIFORNIA	1.22	1.58	3.21
MURDER CREEK CONN. NO. 5	235.7	235.76	3.21
FOLEY LANE FRONTAGE RD.	38.78	38.86	3.21
LAMPMAN FRONTAGE RD.	43.12	43.42	3.21
GREEN SPRINGS	6.46	7.39	3.21
GREEN SPRINGS	5.48	6.01	3.21
MURDER CREEK CONN. NO. 6	235.73	235.81	3.21
W VALLEY VIEW CONN. NO. 2	19.02	19.21	3.21
NORTH ROSEBURG CONN. NO. 3	126.48	126.53	3.21
LAMPMAN FRONTAGE RD.	43.42	43.61	3.21
GREEN SPRINGS	2.12	2.37	3.21
THE DALLES-CALIFORNIA	0.57	0.61	3.21
COLUMBIA RIVER	186.84	188.91	3.21
GREEN SPRINGS	5.35	5.48	3.21
THE DALLES-CALIFORNIA	0.61	0.69	3.21
MURDER CREEK CONN. NO. 1	235.62	235.7	3.21
FRONTAGE RD. CONN.	43.05	43.12	3.21
THE DALLES-CALIFORNIA	0.51	0.57	3.21
GREEN SPRINGS	5.3	5.35	3.21
MURDER CREEK CONN. NO. 1	235.7	235.73	3.21
BAKER-COPPERFIELD	3.02	4.28	3.21
MURDER CREEK CONN. NO. 1	235.73	235.737	3.21
THE DALLES-CALIFORNIA	0.93	0.96	3.21
THE DALLES-CALIFORNIA	0.88	0.93	3.21
N. PHOENIX CONN. NO. 2	24.67	24.96	3.21
CRATER LAKE AVE FRONT. RD.	2.41	2.48	3.21
COLUMBIA RIVER	186.36	186.84	3.21
VIEWCREST CONN. NO. 1	237.62	237.73	3.21
GREEN SPRINGS	2.37	2.45	3.21
CENTURY DR. FRONTAGE RD.	235.45	235.7	3.21
MURDER CREEK CONN. NO. 6	235.7255979	235.73	3.21
THE DALLES-CALIFORNIA	0.84	0.96	3.21
ROCK POINT INTCHG. CONN.	44.21	44.23	3.21
GREEN SPRINGS	2.45	3.5	3.21
THE DALLES-CALIFORNIA	1.58	1.8	3.21
MURDER CREEK CONN. NO. 5	235.9	235.93	3.21
CRATER LAKE AVE FRONT. RD.	2.27	2.41	3.21
THE DALLES-CALIFORNIA	0.96	1.22	3.21
GREEN SPRINGS	56.14	56.74	3.21
W HOOD RIVER INT.CONN.NO.1	62.39	62.41	3.21
MURDER CREEK CONN. NO. 5	235.76	235.9	3.21
WILSONVILLE-HUBBARD	1.14E-13	0.41	3.21
PACIFIC HIGHWAY EAST	27.47	27.53	3.21
PACIFIC HIGHWAY EAST	39.91	40.27	3.21
PACIFIC HIGHWAY EAST	27.53	27.66	3.21
ALSEA	57.75	57.94	3.21
ROGUE VALLEY	23.65	24.12	3.21
ALSEA	56	56.26	3.21
WILSON RIVER	3.29	4.22	3.21
LA GRANDE-BAKER	53.89	54.11	3.21
ALSEA	56.87	57.55	3.21
ALSEA	55.6	55.76	3.21
LA GRANDE-BAKER	53.15	53.89	3.21
PACIFIC HIGHWAY WEST	-5.27	-5.19	3.21
ROGUE VALLEY	23.65	24.11	3.21
WILSONVILLE-HUBBARD	5.44	5.63	3.21
ALSEA	57.67	57.75	3.21
PACIFIC HIGHWAY EAST	44.13	44.34	3.21

ALSEA	56.26	56.87	3.21
PACIFIC HIGHWAY EAST	27.54	27.67	3.21
ALSEA	55.76	56	3.21
ROGUE RIVER	14.69	14.95	3.21
ROGUE RIVER	14.57	14.76	3.21
PACIFIC HIGHWAY EAST	30.18	30.28	3.21
WILSONVILLE-HUBBARD	5.44	5.55	3.21
WILSON RIVER	3.03	3.29	3.21
ALSEA	57.55	57.67	3.21
ALSEA	55.53	55.6	3.21
ROGUE RIVER	14.57	14.69	3.21
JACKSONVILLE	30.48	31.63	3.21
GOSHEN-DIVIDE	3.71	4.33	3.21
HILLSBORO-SILVERTON	40.12	41.3	3.21
YAMHILL-NEWBERG	9.84	10.37	3.21
HISTORIC COLUMBIA RIVER	48.91	48.92	3.21
HISTORIC COLUMBIA RIVER	2.95	3.17	3.21
CAPE ARAGO	9.28	10	3.21
ROCK CREEK FRONTAGE RD.	5.23	5.28	3.21
JACKSONVILLE	31.63	31.96	3.21
S. JEFFERSON CONN. NO. 3	8.43	8.51	3.21
WILLAMINA-SHERIDAN	1.64	1.71	3.21
HISTORIC COLUMBIA RIVER	3.17	3.64	3.21
ELKTON-SUTHERLIN	22.79	22.89	3.21
MOSIER-THE DALLES	20.08	20.17	3.21
WILLAMINA-SHERIDAN	5.23	5.33	3.21
SPRINGFIELD-CRESWELL	13.74	13.77	3.21
CENTURY DRIVE	4.63	5.92	3.21
MIDLAND	1.8	1.88	3.21
COUNTY RD. CONN. NO. 3	20.08	20.12	3.21
MADRAS-PRINEVILLE	24.74	24.87	3.21
HISTORIC COLUMBIA RIVER	48.91	48.98	3.21
MADRAS-PRINEVILLE	23.73	24.74	3.21
SCHMEER RD. CONN. NO. 2	-5.19	-5.08	3.21
OLDS FERRY-ONTARIO	24.78	24.99	3.21
ELKTON-SUTHERLIN	22.62	22.79	3.21
MIDLAND	2.98	3.11	3.21
SPRINGFIELD-CRESWELL	14.37	14.41	3.21
ELKTON-SUTHERLIN	22.89	23.09	3.21
JEFFERSON	8.43	8.9	3.21
O NEIL	16.29	16.56	3.21
HISTORIC COLUMBIA RIVER	4.96	5.05	3.21
ELKTON-SUTHERLIN	23.09	23.69	3.21
JACKSONVILLE	29.06	30.48	3.21
HISTORIC COLUMBIA RIVER	51.42	51.81	3.21
NEHALEM	2.4	2.49	3.21
GOSHEN-DIVIDE	7.1	7.98	3.21
HERMISTON	2.87	3.09	3.21
GOSHEN-DIVIDE	4.33	4.46	3.21
HISTORIC COLUMBIA RIVER	51.81	51.98	3.21
TERRITORIAL	21.03	21.43	3.21
SPRINGFIELD-CRESWELL	14.07	14.37	3.21
JACKSONVILLE	31.96	32.44	3.21
SPRINGFIELD-CRESWELL	14.47	14.53	3.21
O NEIL	16.56	16.72	3.21
JACKSONVILLE	32.44	32.67	3.21
COOS RIVER	2.07	2.33	3.21
HISTORIC COLUMBIA RIVER	48.68	48.91	3.21
MADRAS-PRINEVILLE	24.87	25.1	3.21
SISKIYOU	1.14E-13	0.57	3.21
JEFFERSON	8.38	8.43	3.21
MOSIER-THE DALLES	20.07	20.08	3.21
HISTORIC COLUMBIA RIVER	70.83	71.72	3.21
SPRINGFIELD-CRESWELL	13.86	14.07	3.21
HISTORIC COLUMBIA RIVER	48.66	48.91	3.21
JEFFERSON	6.48	7.29	3.21
HISTORIC COLUMBIA RIVER	5.05	5.15	3.21
WILLAMINA-SHERIDAN	4.5	5.23	3.21
GOSHEN-DIVIDE	7.98	8.71	3.21
ELKTON-SUTHERLIN	23.69	23.83	3.21
SPRINGFIELD-CRESWELL	13.27	13.74	3.21
HERMISTON	3.09	3.22	3.21
W. HOOD RIVER CONN. NO. 2	48.92	48.94	3.21
MOSIER-THE DALLES	20.17	20.24	3.21
SPRINGFIELD-CRESWELL	14.41	14.47	3.21
SUNSET	74	74.05	3.11
NORTHEAST PORTLAND	1.52	1.57	3.11

NORTHEAST PORTLAND	1.31	1.32	3.11
NORTHEAST PORTLAND	1.57	1.6	3.11
CENTURY DR. FRONTAGE RD.	234.59	234.65	3.02
CENTURY DR. FRONTAGE RD.	234.65	234.7	3.02
MCLAIN AVE. FRONTAGE RD.	121.27	121.69	3.02
CLAUDE FRONTAGE RD.	377.36	377.4	3.02
MILLINGTON FRONTAGE RD.	241.26	241.28	3.02
CENTURY DR. FRONTAGE RD.	234.7	234.79	3.02
MURDER CREEK CONN. NO. 2	235.79	235.81	3.02
CENTURY DR. FRONTAGE RD.	234.79	234.94	3.02
GAZELY RD. CONN. NO. 2	101.96	101.97	3.02
MILLINGTON FRONTAGE RD.	240.97	241.03	3.02
CLAUDE FRONTAGE RD.	377.31	377.36	3.02
OTIS JCT. FRONTAGE RD. #2	105.42	105.54	3.02
CENTURY DR. FRONTAGE RD.	235.88	236.83	3.02
MILLINGTON FRONTAGE RD.	241.2	241.26	3.02
CENTURY DR. FRONTAGE RD.	235.79	235.84	3.02
MILLINGTON FRONTAGE RD.	240.89	240.97	3.02
MCLAIN AVE. FRONTAGE RD.	121.25	121.27	3.02
GAZELY RD. CONN. NO. 2	101.94	101.96	3.02
MILLINGTON FRONTAGE RD.	241.03	241.14	3.02
MILLINGTON FRONTAGE RD.	241.14	241.2	3.02
CENTURY DR. FRONTAGE RD.	235.84	235.88	3.02
CLAUDE FRONTAGE RD.	377.4	377.44	3.02
J. JARL FRONTAGE RD.	22	22.14	3.02
CLAYTON CREEK FRONTAGE RD.	23.65	23.8	3.02
CLAYTON CREEK FRONTAGE RD.	24.08	24.11	3.02
SALEM ROAD AND DRIVEWAY FR	23.52	23.68	3.02
CLAYTON CREEK FRONTAGE RD.	23.91	24.08	3.02
J. JARL FRONTAGE RD.	22.14	22.2	3.02
BPA FRONTAGE RD.	23.13	23.14	3.02
BPA FRONTAGE RD.	23.07	23.13	3.02
HELLS CANYON FRONTAGE RD.	19.12	19.16	3.02
BURLINGTON CONN. NO. 4	12.88	12.94	3.02
HELLS CANYON FRONTAGE RD.	19.16	19.34	3.02
BEAVERTON-TUALATIN	8.78	8.91	2.91
OREGON COAST	237.89	237.93	2.88
OREGON COAST	237.8	237.84	2.88
OREGON COAST	237.84	237.89	2.88
WILLAMINA-SHERIDAN	2.26	2.28	2.72
WILLAMINA-SHERIDAN	2.18	2.26	2.72
WILLAMINA-SHERIDAN	2.13	2.17	2.72
WILLAMINA-SHERIDAN	2.17	2.18	2.72
WHITNEY	50.69	50.72	2.67
WHITNEY	50.49	50.63	2.67
LA GRANDE-BAKER	52.28	52.37	2.67
LA GRANDE-BAKER	52.46	52.55	2.67
LA GRANDE-BAKER	52.37	52.46	2.67
WHITNEY	50.48	50.49	2.67
LA GRANDE-BAKER	52.55	52.63	2.67
WHITNEY	50.63	50.69	2.67
LA GRANDE-BAKER	52.23	52.28	2.67
HERMISTON	8.56	8.63	2.67
SILVER CREEK FALLS	40.43	40.45	2.67
HISTORIC COLUMBIA RIVER	50.36	50.43	2.67
GOLD HILL SPUR	2.36	2.44	2.67
SILVER CREEK FALLS	40.32	40.43	2.67
HOOD RIVER	0.67	0.72	2.67
SILVER CREEK FALLS	40.21	40.31	2.67
HERMISTON	8.47	8.56	2.67
HOOD RIVER	0.55	0.6	2.67
SILVER CREEK FALLS	40.45	40.52	2.67
SILVER CREEK FALLS	40.31	40.32	2.67
HERMISTON	8.63	8.68	2.67
HERMISTON	8.28	8.32	2.67
HERMISTON	8.41	8.47	2.67
HISTORIC COLUMBIA RIVER	50.43	50.5	2.67
HISTORIC COLUMBIA RIVER	50.3	50.36	2.67
HERMISTON	8.33	8.41	2.67
JEFFERSON	5.72	5.8	2.67
E HOOD RIVER CONN. NO. 2	64.32	64.38	2.62
3RD ST. INCHG. CONN. NO. 1	141.44	141.54	2.62
E HOOD RIVER FRONTAGE RD.	64.21	64.38	2.62
REED MARKET RD. CONN. NO 2	139.05	139.07	2.62
JACKSON SCHOOL RD. CONN. 2	58.68	58.7	2.62
JACKSON SCHOOL RD. CONN. 2	58.81	58.83	2.62
LEWIS & CLARK BR CONN NO 2	48.59	48.71	2.62

WASHBURN WAY CONN. NO. 3	2.8	2.82	2.62
LEWIS & CLARK BR CONN NO 4	48.66	48.69	2.62
LEWIS & CLARK BR CONN NO 1	48.59	48.67	2.62
LEWIS & CLARK BR CONN NO 3	48.74	48.92	2.62
LEWIS & CLARK BR CONN NO 3	48.71	48.74	2.62
LEWIS & CLARK BR CONN NO 3	48.67	48.71	2.62
HUBBARD INTCHG. CONN. NO 2	282.45	282.53	2.46
HUBBARD INTCHG. CONN. NO 2	282.67	282.71	2.46
HILLSBORO-SILVERTON HWY	271.76	271.84	2.46
DELTA PARK CONN. NO. 2	306.73	306.75	2.46
DEADY CONN. NO. 2	135.07	135.12	2.46
DEADY CONN. NO. 2	135.21	135.24	2.46
LOUSE CREEK CONN. NO. 3	61.49	61.66	2.46
WESTCLIFF DR. FRONTAGE RD.	62.53	62.63	2.46
WESTCLIFF DR. FRONTAGE RD.	62.03	62.53	2.46
CLAUDE FRONTAGE RD.	376.98	377.31	2.46
CENTURY DR. FRONTAGE RD.	234.23	234.26	2.46
HUBBARD INTCHG. CONN. NO 2	282.66	282.67	2.46
HILLSBORO-SILVERTON HWY	272.06	272.13	2.46
COBURG EAST FRONTAGE RD.	199.15	199.45	2.46
N ALBANY CONN. NO. 2	234.06	234.08	2.46
CENTURY DR. FRONTAGE RD.	234.41	234.59	2.46
N SUNDIAL FRONTAGE RD.	16.21	16.35	2.46
CENTURY DR. FRONTAGE RD.	234.26	234.41	2.46
VAN DUYN RD. CONN. NO. 2	199.05	199.06	2.46
HILLSBORO-SILVERTON HWY	271.84	272.06	2.46
VANCOUVER AVE. CONN. NO. 7	4.55	4.58	2.46
VANCOUVER AVE. CONN. NO. 3	4.55	4.58	2.46
DELTA PARK CONN. NO. 1	5.61	5.64	2.46
DEER ISLAND FRONTAGE RD.	34.11	34.18	2.46
HARBORTON DR. FRONTAGE RD.	9.87	9.94	2.46
HARBORTON DR. FRONTAGE RD.	9.78	9.87	2.46
RIVERVIEW DR. FRONTAGE RD.	10.64	10.77	2.46
DEER ISLAND FRONTAGE RD.	34.05	34.11	2.46
DEER ISLAND FRONTAGE RD.	34.18	34.2	2.46
SW 84TH AVE. FRONTAGE RD.	287.66	287.96	2.41
COTTAGE GROVE FRONTAGE RD.	172.21	172.27	2.41
BROOKS CONN. NO. 2	263.57	263.63	2.41
24TH AVE. FRONTAGE RD.	191.91	191.97	2.41
N. PHOENIX CONN. NO. 2	24.42	24.49	2.41
24TH AVE. FRONTAGE RD.	191.68	191.9	2.41
N. PHOENIX CONN. NO. 2	24.49	24.53	2.41
BREWERY GRADE CONN. NO. 3	85.67	85.75	2.41
N. PHOENIX CONN. NO. 2	24.667	24.67	2.41
COTTAGE GROVE FRONTAGE RD.	173.51	173.56	2.41
N. PHOENIX CONN. NO. 2	24.34	24.38	2.41
BRENTWOOD LANE FRONT. RD.	249.99	250.33	2.41
N. PHOENIX CONN. NO. 2	24.53	24.67	2.41
PHOENIX SIPHON FRONTAGE RD	24.27	24.35	2.41
N. PHOENIX CONN. NO. 2	24.4	24.408	2.41
FERN VALLEY RD. CONN. 2	24.51	24.69	2.41
COTTAGE GROVE FRONTAGE RD.	173.24	173.41	2.41
NE RIDGE RD. FRONTAGE RD.	57.13	57.17	2.41
BONNEVILLE POWER FRONT RD.	189.02	189.18	2.41
COTTAGE GROVE FRONTAGE RD.	173.47	173.51	2.41
BONNEVILLE POWER FRONT RD.	189.18	189.72	2.41
N. PHOENIX CONN. NO. 2	24.49	24.52	2.41
CHENOWETH CONN. NO. 2	82.11	82.23	2.41
BROOKS CONN. NO. 2	263.56	263.57	2.41
N. PHOENIX CONN. NO. 2	24.32	24.34	2.41
24TH AVE. FRONTAGE RD.	191.9	191.91	2.41
COTTAGE GROVE FRONTAGE RD.	172.18	172.21	2.41
EASTSIDE RD. CONN. NO. 1	31.57	31.66	2.41
24TH AVE. FRONTAGE RD.	191.49	191.68	2.41
BRENTWOOD LANE FRONT. RD.	250.33	250.36	2.41
N. PHOENIX CONN. NO. 2	24.46	24.49	2.41
COTTAGE GROVE FRONTAGE RD.	173.56	173.63	2.41
N. PHOENIX CONN. NO. 2	24.44	24.448	2.41
GOSHEN CONN. NO. 4	188.74	188.76	2.41
NE RIDGE RD. FRONTAGE RD.	57.17	57.29	2.41
N. PHOENIX CONN. NO. 2	24.97	24.98	2.41
ASHLAND FRONTAGE ROAD	16.2	16.33	2.41
N. PHOENIX CONN. NO. 2	24.66740508	24.67	2.41
BREWERY GRADE CONN. NO. 3	85.75	85.79	2.41
UPPER BOONES FERRY RD CN 2	291.19	291.22	2.41
COTTAGE GROVE FRONTAGE RD.	173.41	173.47	2.41
JUDKINS POINT CONN. NO. 2	191.89	191.9	2.41

COTTAGE GROVE FRONTAGE RD.	172.27	172.42	2.41
N. PHOENIX CONN. NO. 2	24.52	24.67	2.41
BORDEAUX LANE FRONTAGE RD	4.97	5.03	2.41
CORNELIUS PASS FRONT. RD.	62.53	62.63	2.41
CUMULUS AVE. FRONTAGE RD.	47.25	47.41	2.41
WANKERS CORNER CONN. NO. 2	3.16	3.25	2.41
BORDEAUX LANE FRONTAGE RD	5.06	5.08	2.41
HELVETIA RD. CONN. NO. 2	61.43	61.53	2.41
GLADSTONE CONN. NO. 5	11.1	11.13	2.41
BORDEAUX LANE FRONTAGE RD	5.03	5.06	2.41
W. WANKERS FRONT. RD. NO 1	3.08	3.17	2.41
GLADSTONE CONN. NO. 5	10.99	11.1	2.41
WANKERS CORNER CONN. NO. 2	3.39	3.49	2.41
BORING FRONTAGE RD.	17.55	17.86	2.41
CUMULUS AVE. FRONTAGE RD.	47.41	47.58	2.41
BORDEAUX LANE CONNECTION	5.03	5.11	2.41
HERMISTON	8.07	8.18	2.41
E. MCMINNVILLE FRONTAGE RD	46.51	46.65	2.41
HERMISTON	7.92	8.07	2.41
BREWERY GRADE FRONTAGE RD.	18.74	18.92	2.41
OLD ALIGNMENT FRONTAGE RD	7.03	7.25	2.41
PACIFIC HIGHWAY WEST	25.75	25.83	2.27
GLADSTONE CONN. NO. 5	11.39	11.45	2.11
SWIFT	0.35	0.41	1.83
FRONTAGE RD. CONN.	237.9	238.01	1.38
ROCK POINT FRONTAGE RD.	43.85	44.35	1.38
FRONTAGE RD. CONN.	238.01	238.07	1.38
GAZELY RD. CONN. NO. 2	101.83	101.86	1.38
NORTH ROSEBURG CONN. NO. 3	126.6	126.61	1.38
NORTH ROSEBURG CONN. NO. 3	126.53	126.6	1.38
PETER JENSON FRONTAGE RD.	268.81	269.34	1.38
CENTURY DR. FRONTAGE RD.	237.71	237.81	1.38
VAN DUYN RD. CONN. NO. 2	199.21	199.28	1.38
FOLEY LANE FRONTAGE RD.	38.86	39.31	1.38
LOUSE CREEK CONN. NO. 3	61.91	61.93	1.38
MCLAIN AVE. FRONTAGE RD.	121.78	121.82	1.38
BLACKWELL FRONTAGE RD.	38.78	38.83	1.38
CENTURY DR. FRONTAGE RD.	234.94	235.04	1.38
MILLINGTON FRONTAGE RD.	240.66	240.72	1.38
CENTURY DR. FRONTAGE RD.	237.6	237.71	1.38
MELTON FRONTAGE RD.	183.06	183.56	1.38
COTTAGE GROVE FRONTAGE RD.	172.42	172.49	1.38
WESTCLIFF DR. FRONTAGE RD.	62.01	62.03	1.38
KUNI FRONTAGE RD.	184.26	184.89	1.38
LOUSE CREEK CONN. NO. 4	60.85	60.95	1.38
DEAN CREEK FRONTAGE RD.	34.68	35.26	1.38
ROCK POINT FRONTAGE RD.	43.54	43.85	1.38
BROOKS CONN. NO. 2	263.39	263.41	1.38
CENTURY DR. FRONTAGE RD.	235.04	235.24	1.38
LOST CREEK FRONTAGE RD.	147.42	147.52	1.38
NELLIS AVE. FRONTAGE RD.	36.9	37.07	1.38
LOUSE CREEK FRONTAGE RD.	60.96	61.05	1.38
NORTH ROSEBURG CONN. NO. 3	126.61	126.68	1.38
NELLIS AVE. FRONTAGE RD.	37.07	37.5	1.38
W HOOD RIVER INT.CONN.NO.1	62.41	62.42	1.38
CENTURY DR. FRONTAGE RD.	235.24	235.45	1.38
CROSBY FRONTAGE RD. E	273.21	273.87	1.38
NORTH ROSEBURG CONN. NO. 3	126.36	126.3622279	1.38
MILLINGTON FRONTAGE RD.	240.72	240.89	1.38
CENTURY DR. FRONTAGE RD.	236.83	237.6	1.38
DEADY FRONTAGE RD.	135	135.16	1.38
NORTH ROSEBURG CONN. NO. 3	126.39	126.48	1.38
NEIL CREEK FRONTAGE ROAD	9.74	10.42	1.38
BROOKS CONN. NO. 2	263.41	263.42	1.38
LOUSE CREEK FRONTAGE RD.	61.05	61.19	1.38
FOLEY LANE FRONTAGE RD.	38.73	38.78	1.38
KUNI FRONTAGE RD.	184.2	184.26	1.38
LOUSE CREEK FRONTAGE RD.	60.85	60.96	1.38
FOLEY LANE FRONTAGE RD.	39.31	39.41	1.38
CLAUDE FRONTAGE RD.	377.44	377.48	1.38
144TH. DR. FRONTAGE RD.	147.99	148.2	1.38
CENTURY DR. FRONTAGE RD.	237.81	237.9	1.38
DEADY FRONTAGE RD.	135.16	135.21	1.38
W VALLEY VIEW CONN. NO. 2	19.21	19.29	1.38
HOMESTEAD INTCHG. FRONT RD	44.98	45.37	1.38
HELMS FRONTAGE RD.	6.29	6.35	1.38
STONE FRONTAGE RD.	16.77	16.84	1.38

CLAYTON CREEK FRONTAGE RD.	23.8	23.91	1.38
HELMS FRONTAGE RD.	6.21	6.29	1.38
DEER PARK DR. FRONTAGE RD.	3.91	4.04	1.38
SILVER CR. FALLS CONN NO 1	9.04	9.08	1.38
DEER PARK DR. FRONTAGE RD.	3.68	3.91	1.38
HELLS CANYON FRONTAGE RD.	19.34	19.46	1.38
CHIMES CREST FRONT RD NO 1	29.94	30.21	1.38
DEER PARK DRIVE CONN. NO 1	3.95	4.03	1.38
CHIMES CREST FRONT RD NO 2	30.21	30.51	1.38

Highway Name (Rural)	Begin Mile Point	End Mile Point	Rural Risk Score
CENTRAL OREGON	130.83	130.91	8.44
CENTRAL OREGON	130.75	130.83	8.44
WILLAMETTE	35.89	36.17	8.44
THE DALLES-CALIFORNIA	165.26	167.5	8.44
MT. HOOD	42.32	42.55	8.44
MT. HOOD	26.91	26.96	8.44
COOS BAY-ROSEBURG	11.02	11.03	8.44
COOS BAY-ROSEBURG	10.85	11.02	8.44
COOS BAY-ROSEBURG	11.03	11.14	8.44
COOS BAY-ROSEBURG	11.14	11.21	8.44
MT. HOOD	27.2	27.45	8.44
CORVALLIS-NEWPORT	5.74	6.64	8.44
COOS BAY-ROSEBURG	11.21	11.29	8.44
MT. HOOD	42.25	42.32	8.44
MT. HOOD	26.96	27.2	8.44
REDWOOD	28.98	29.13	8.44
OREGON COAST	299.82	300.1	7.44
OREGON COAST	212.79	213.63	7.44
THE DALLES-CALIFORNIA	128.58	130.18	7.44
MT. HOOD	27.69	27.78	7.44
MT. HOOD	27.61	27.64	7.44
CORVALLIS-NEWPORT	37.27	38.82	7.44
SE SANDERCOOK FRONTAGE RD.	27.74	27.78	7.44
MT. HOOD	27.45	27.61	7.44
SE SANDERCOOK FRONTAGE RD.	27.64	27.68	7.44
MT. HOOD	27.64	27.69	7.44
OREGON COAST	155.05	155.85	7.27
OREGON COAST	260.13	261.38	7.27
THE DALLES-CALIFORNIA	149.3	149.44	7.27
THE DALLES-CALIFORNIA	149.3	150.99	7.27
THE DALLES-CALIFORNIA	148.36	149.3	7.27
MT. HOOD	50.06	52.53	7.27
MT. HOOD	39.29	39.51	7.27
SUNSET	9.42	10.17	7.27
WARM SPRINGS	99.2	102.03	7.27
MT. HOOD	28.76	29.24	7.27
MT. HOOD	29.24	29.29	7.27
MT. HOOD	29.29	29.34	7.27
MT. HOOD	29.34	29.89	7.27
MT. HOOD	39.02	39.25	7.27
MT. HOOD	39.25	39.29	7.27
MT. HOOD	43.61	44.08	7.27
WILLAMETTE	35.8	35.85	6.99
CENTRAL OREGON	130.95	131.01	6.99
WILLAMETTE	35.48	35.61	6.99
CENTRAL OREGON	130.15	130.25	6.99
WILLAMETTE	35.15	35.38	6.99
CENTRAL OREGON	130.68	130.75	6.99
CENTRAL OREGON	130.91	130.95	6.99
WILLAMETTE	35.43	35.45	6.99
WILLAMETTE	35.38	35.43	6.99
WILLAMETTE	35.45	35.48	6.99
WILLAMETTE	35.61	35.8	6.99
CENTRAL OREGON	130.25	130.44	6.99
WILLAMETTE	35.85	35.89	6.99
THE DALLES-CALIFORNIA	167.72	167.84	6.99
OREGON COAST	300.1	300.23	6.99
CENTRAL OREGON	130.61	130.68	6.99
CENTRAL OREGON	129.98	130.15	6.99
MT. HOOD	35.99	36.18	6.99
COOS BAY-ROSEBURG	11.29	11.32	6.99
MT. HOOD	41.21	41.45	6.99
MT. HOOD	40.55	40.78	6.99
COOS BAY-ROSEBURG	11.32	11.42	6.99
FIRWOOD CONN.	26.86	26.89	6.99
MT. HOOD	41.59	41.6	6.99
CORVALLIS-NEWPORT	6.83	7.36	6.99
MT. HOOD	35.81	35.99	6.99
MT. HOOD	26.33	26.67	6.99
MT. HOOD	26.79	26.86	6.99
FIRWOOD FRONTAGE RD.	26.79	26.87	6.99
COOS BAY-ROSEBURG	19.77	20.45	6.99
MT. HOOD	40.78	41.08	6.99
MT. HOOD	26.86	26.91	6.99
MT. HOOD	26.67	26.79	6.99
MT. HOOD	36.18	36.38	6.99

MT. HOOD	41.45	41.59	6.99
MT. HOOD	34.97	35.81	6.99
OREGON COAST	212.14	212.37	6.81
OREGON COAST	300.82	300.88	6.81
OREGON COAST	300.78	300.82	6.81
OREGON COAST	329.19	329.33	6.81
OREGON COAST	300.72	300.78	6.81
REDWOOD	28.63	28.85	6.81
THE DALLES-CALIFORNIA	165.03	165.26	6.71
CENTRAL OREGON	35.79	42.62	6.71
MCKENZIE	14.83	15.08	6.71
MCKENZIE	92.83	92.97	6.71
SANTIAM	99.6	99.75	6.71
CENTRAL OREGON	129.74	129.98	6.71
MCKENZIE	92.05	92.23	6.71
MCKENZIE	93.01	93.07	6.71
MCKENZIE	91.85	92.03	6.71
MCKENZIE	39.4	39.56	6.71
MCKENZIE	38.84	39.11	6.71
MCKENZIE	39.11	39.4	6.71
SANTIAM	100.02	100.12	6.71
MCKENZIE	92.97	93.01	6.71
MCKENZIE	15.61	17.66	6.71
MCKENZIE	15.08	15.35	6.71
MCKENZIE	92.03	92.05	6.71
MCKENZIE	39.56	39.68	6.71
MCKENZIE	14.58	14.7	6.71
MCKENZIE-BEND	1.14E-13	0.1	6.71
MCKENZIE	14.7	14.83	6.71
MCKENZIE	39.68	40.5	6.71
OREGON COAST	85.44	87.37	6.71
MCKENZIE	93.07	93.38	6.71
MT. HOOD	52.55	52.88	6.71
CAVE JCT. FRONTAGE RD.	29.13	29.34	6.71
REDWOOD	29.13	29.25	6.71
CORVALLIS-NEWPORT	5.3	5.56	6.71
LOWER COLUMBIA RIVER	84.43	85.76	6.71
MT. HOOD	54	54.14	6.71
THE DALLES-CALIFORNIA	145.69	146.24	6.27
OREGON COAST	241.96	242	6.27
THE DALLES-CALIFORNIA	146.24	146.25	6.27
THE DALLES-CALIFORNIA	156.26	158.57	6.27
OREGON COAST	243.14	243.2	6.27
THE DALLES-CALIFORNIA	105.73	106.78	6.27
THE DALLES-CALIFORNIA	145.05	145.66	6.27
WILLAMETTE	57.12	58.94	6.27
THE DALLES-CALIFORNIA	112.83	113.66	6.27
THE DALLES-CALIFORNIA	106.78	107.75	6.27
OREGON COAST	243.2	243.29	6.27
OREGON COAST	74.65	75.54	6.27
OREGON COAST	99.49	101.26	6.27
WILLAMETTE	36.17	36.26	6.27
SANTIAM	80.16	80.28	6.27
THE DALLES-CALIFORNIA	126.63	127.34	6.27
OREGON COAST	242.4	243.14	6.27
OREGON COAST	210.8	211.52	6.27
THE DALLES-CALIFORNIA	146.25	148.36	6.27
OREGON COAST	200.75	201.43	6.27
OREGON COAST	242.14	242.26	6.27
OREGON COAST	242	242.08	6.27
OREGON COAST	101.26	102.8	6.27
THE DALLES-CALIFORNIA	158.57	159.51	6.27
THE DALLES-CALIFORNIA	191.15	192.94	6.27
OREGON COAST	333.75	334.87	6.27
OREGON COAST	229.87	231.77	6.27
THE DALLES-CALIFORNIA	219.58	222.89	6.27
THE DALLES-CALIFORNIA	80.25	80.98	6.27
OREGON COAST	204.65	206.81	6.27
OREGON COAST	242.26	242.33	6.27
SANTIAM	74.99	75.89	6.27
OREGON COAST	241.88	241.96	6.27
WILLAMETTE	61.99	62.06	6.27
SANTIAM	75.89	76.4	6.27
OREGON COAST	242.08	242.14	6.27
WILLAMETTE	58.94	61.46	6.27
OREGON COAST	242.33	242.4	6.27
THE DALLES-CALIFORNIA	127.34	128.58	6.27

SANTIAM	19.38	19.86	6.27
WILLAMETTE	61.47	61.97	6.27
OREGON COAST	334.87	337.02	6.27
OREGON COAST	243.2	243.32	6.27
THE DALLES-CALIFORNIA	77.82	80.25	6.27
WILLAMETTE	45.82	46.96	6.27
SANTIAM	80.28	80.77	6.27
WILLAMETTE	61.97	61.99	6.27
THE DALLES-CALIFORNIA	112.82	112.83	6.27
THE DALLES-CALIFORNIA	145.66	145.69	6.27
MT. HOOD	47.87	48.09	6.27
LOWER COLUMBIA RIVER	13.38	13.47	6.27
COOS BAY-ROSEBURG	6.19	6.72	6.27
SUNSET	28.78	29.41	6.27
COOS BAY-ROSEBURG	2.27	2.66	6.27
MT. HOOD	46.61	46.84	6.27
CORVALLIS-NEWPORT	42.07	42.18	6.27
FLORENCE-EUGENE	41.44	42.29	6.27
SUNSET	35.26	37.6	6.27
LOWER COLUMBIA RIVER	16.27	16.44	6.27
SALMON RIVER	17.51	17.77	6.27
SUNSET	34.45	34.97	6.27
MT. HOOD	47.39	47.87	6.27
LOWER COLUMBIA RIVER	74.9	75.07	6.27
COOS BAY-ROSEBURG	4.36	4.65	6.27
LOWER COLUMBIA RIVER	13.54	13.69	6.27
COOS BAY-ROSEBURG	4.65	4.81	6.27
SUNSET	28.51	28.65	6.27
MT. HOOD	44.44	44.57	6.27
MT. HOOD	28.06	28.28	6.27
CORVALLIS-NEWPORT	41.59	42.12	6.27
WARM SPRINGS	91.71	96.48	6.27
SUNSET	10.17	11.39	6.27
COOS BAY-ROSEBURG	2.72	2.97	6.27
MT. HOOD	29.89	30.43	6.27
MT. HOOD	43.6	43.61	6.27
SUNSET	32.16	34.16	6.27
CORVALLIS-NEWPORT	9.44	11.64	6.27
COOS BAY-ROSEBURG	12.97	13.22	6.27
MT. HOOD	27.78	27.95	6.27
FLORENCE-EUGENE	34.96	35.98	6.27
LOWER COLUMBIA RIVER	80.35	80.7	6.27
FLORENCE-EUGENE	41.07	41.44	6.27
REDWOOD	16.36	16.39	6.27
COOS BAY-ROSEBURG	3.24	3.85	6.27
SUNSET	34.97	35.26	6.27
MT. HOOD	44.39	44.44	6.27
SUNSET	34.16	34.45	6.27
SUNSET	29.41	29.9	6.27
WILLAMINA-SALEM	19.56	19.83	6.27
CORVALLIS-NEWPORT	46.07	46.55	6.27
CORVALLIS-NEWPORT	42.12	42.17	6.27
COOS BAY-ROSEBURG	4.81	4.99	6.27
LOWER COLUMBIA RIVER	14.23	14.32	6.27
CORVALLIS-NEWPORT	42.18	42.47	6.27
COOS BAY-ROSEBURG	12.81	12.97	6.27
COOS BAY-ROSEBURG	57.35	57.79	6.27
MT. HOOD	47.19	47.39	6.27
COOS BAY-ROSEBURG	13.6	13.73	6.27
MT. HOOD	27.95	28.04	6.27
MT. HOOD	34.12	34.92	6.27
SUNSET	27.01	27.98	6.27
LOWER COLUMBIA RIVER	14.32	14.66	6.27
SUNSET S.R.A. CONN.	28.63	28.72	6.27
MT. HOOD	42.85	42.92	6.27
FLORENCE-EUGENE	13.09	13.52	6.27
REDWOOD	16.39	17.85	6.27
SALMON RIVER	16.78	17.51	6.27
COOS BAY-ROSEBURG	56.9	57.04	6.27
LOWER COLUMBIA RIVER	13.27	13.38	6.27
COOS BAY-ROSEBURG	13.87	14.03	6.27
COOS BAY-ROSEBURG	1.96	2.27	6.27
COOS BAY-ROSEBURG	18.17	18.38	6.27
LOWER COLUMBIA RIVER	80.7	81.48	6.27
COOS BAY-ROSEBURG	13.22	13.42	6.27
WILLAMINA-SALEM	19.4	19.54	6.27
MT. HOOD	48.09	48.58	6.27

WARM SPRINGS	96.48	99.2	6.27
COOS BAY-ROSEBURG	13.73	13.87	6.27
REDWOOD	34.11	35.55	6.27
SUNSET	11.83	13.58	6.27
LOWER COLUMBIA RIVER	15.68	16.27	6.27
MT. HOOD	42.92	43.6	6.27
COOS BAY-ROSEBURG	4.99	5.2	6.27
COOS BAY-ROSEBURG	2.66	2.72	6.27
COOS BAY-ROSEBURG	19.32	19.67	6.27
SUNSET	28.65	28.78	6.27
LOWER COLUMBIA RIVER	15.34	15.48	6.27
MT. HOOD	28.28	28.76	6.27
NORTH SANTIAM	23.84	26.43	6.27
REDWOOD	16.15	16.36	6.27
SALMON RIVER	15.19	16.56	6.27
COOS BAY-ROSEBURG	5.61	6.19	6.27
REDWOOD	38.07	41.01	6.27
MT. HOOD	31.41	32.47	6.27
SE PAHA LOOP FRONTAGE RD.	28.01	28.32	6.27
MT. HOOD	28.04	28.06	6.27
SALMON RIVER	16.56	16.78	6.27
MT. HOOD	44.36	44.39	6.27
CORVALLIS-NEWPORT	42.17	42.18	6.27
COOS BAY-ROSEBURG	57.04	57.35	6.27
LOWER COLUMBIA RIVER	15.48	15.68	6.27
REDWOOD	37.45	38.07	6.27
SUNSET	11.39	11.83	6.27
COOS BAY-ROSEBURG	13.47	13.6	6.27
LOWER COLUMBIA RIVER	14.66	15.07	6.27
CORVALLIS-NEWPORT	46.55	46.89	6.27
FLORENCE-EUGENE	35.98	37.18	6.27
SUNSET	27.98	28.51	6.27
WARM SPRINGS	86.58	89.36	6.27
SUNSET	13.58	14.14	6.27
WILLAMINA-SALEM	19.54	19.56	6.27
LOWER COLUMBIA RIVER	13.47	13.54	6.27
MT. HOOD	46.85	47.19	6.27
MT. HOOD	46.84	46.85	6.27
COOS BAY-ROSEBURG	18.38	19.32	6.27
COOS BAY-ROSEBURG	2.16	2.47	6.27
LAKE OF THE WOODS	53.49	58.7	6.27
WILLAMETTE	35.06	35.15	5.99
SANTIAM	21.6	22.77	5.99
THE DALLES-CALIFORNIA	167.99	168.04	5.99
THE DALLES-CALIFORNIA	144.01	145.05	5.99
CENTRAL OREGON	130.44	130.51	5.99
THE DALLES-CALIFORNIA	167.84	167.99	5.99
WILLAMETTE	34.87	34.99	5.99
WILLAMETTE	34.67	34.87	5.99
THE DALLES-CALIFORNIA	130.18	130.22	5.99
CENTRAL OREGON	130.56	130.61	5.99
OREGON COAST	274.6	274.8	5.99
WILLAMETTE	34.99	35.06	5.99
OREGON COAST	329.64	329.81	5.99
THE DALLES-CALIFORNIA	168.04	168.1	5.99
THE DALLES-CALIFORNIA	168.1	168.19	5.99
WILLAMETTE	34.47	34.67	5.99
CENTRAL OREGON	130.51	130.56	5.99
COOS BAY-ROSEBURG	21.66	21.69	5.99
KELSO RD. CONN. 4	20.61	20.87	5.99
MT. HOOD	21.1	21.15	5.99
COOS BAY-ROSEBURG	12.38	12.47	5.99
COOS BAY-ROSEBURG	21.79	21.83	5.99
MT. HOOD	20.87	20.97	5.99
COOS BAY-ROSEBURG	12.13	12.25	5.99
COOS BAY-ROSEBURG	21.83	23.07	5.99
MT. HOOD	21.15	21.21	5.99
MT. HOOD	21.03	21.1	5.99
COOS BAY-ROSEBURG	21.74	21.79	5.99
COOS BAY-ROSEBURG	12.25	12.38	5.99
COOS BAY-ROSEBURG	21.7	21.74	5.99
MT. HOOD	20.97	21.03	5.99
FLORENCE-EUGENE	14.37	14.42	5.99
MT. HOOD	21.34	21.62	5.99
COOS BAY-ROSEBURG	9.97	10.85	5.99
COOS BAY-ROSEBURG	12.58	12.73	5.99
TICKLE CREEK FRONTAGE RD.	21.53	21.62	5.99

COOS BAY-ROSEBURG	12.49	12.58	5.99
CORVALLIS-NEWPORT	6.64	6.83	5.99
MT. HOOD	41.08	41.21	5.99
KELSO RD. CONN. 2	21.06	21.34	5.99
COOS BAY-ROSEBURG	54.12	54.26	5.99
FLORENCE-EUGENE	14.19	14.37	5.99
FLORENCE-EUGENE	14.37	14.42	5.99
UMPQUA	33.62	35.62	5.99
UMPQUA	36.44	37.28	5.99
LOWER COLUMBIA RIVER	61	61.31	5.99
KELSO RD. CONN. 1	20.97	21.07	5.99
COOS BAY-ROSEBURG	21.56	21.66	5.99
MT. HOOD	42.55	42.85	5.99
COOS BAY-ROSEBURG	12.47	12.49	5.99
MT. HOOD	21.21	21.34	5.99
COOS BAY-ROSEBURG	21.69	21.7	5.99
FLORENCE-EUGENE	14.43537171	14.44	5.99
FLORENCE-EUGENE	13.96	14.19	5.99
KELSO RD. CONN. 3	21.23	21.33	5.99
COOS BAY-ROSEBURG	52.61	54.12	5.99
CORVALLIS-LEBANON	0.47	0.7	5.99
CORVALLIS-LEBANON	5.36	6.2	5.99
CORVALLIS-LEBANON	0.32	0.34	5.99
COQUILLE-BANDON	16.83	16.94	5.99
CORVALLIS-LEBANON	0.42	0.47	5.99
CORVALLIS-LEBANON	0.34	0.42	5.99
OLDS FERRY-ONTARIO	31.31	31.66	5.99
CLACKAMAS	21.66	22.23	5.98
OREGON COAST	127.8	127.84	5.82
OREGON COAST	261.38	261.53	5.82
OREGON COAST	127.72	127.8	5.82
OREGON COAST	273.36	273.44	5.82
OREGON COAST	261.53	261.57	5.82
OREGON COAST	127.84	127.88	5.82
OREGON COAST	127.25	127.33	5.82
OREGON COAST	156.18	156.62	5.82
OREGON COAST	154.78	155.05	5.82
MT. HOOD	40.37	40.41	5.82
MT. HOOD	32.88	33.12	5.82
MT. HOOD	38.06	38.64	5.82
MT. HOOD	40.47	40.52	5.82
MT. HOOD	44.08	44.36	5.82
MT. HOOD	33.12	33.18	5.82
ZIGZAG FRONTAGE RD. NO. 1	43.92	44.08	5.82
MT. HOOD	40.41	40.42	5.82
MT. HOOD	38.66	38.75	5.82
MT. HOOD	40.42	40.46	5.82
MT. HOOD	33.18	33.27	5.82
MT. HOOD	38.64	38.66	5.82
MT. HOOD	33.27	33.36	5.82
MT. HOOD	39.51	39.54	5.82
MT. HOOD	40.28	40.32	5.82
MT. HOOD	40.52	40.55	5.82
MT. HOOD	33.36	34.04	5.82
MT. HOOD	38.75	39.02	5.82
MT. HOOD	40.32	40.37	5.82
MT. HOOD	40.46	40.47	5.82
SUMMERTIME DR. FRONTAGE RD	33.13	33.14	5.82
CORVALLIS-LEBANON	2.58	2.78	5.82
CORVALLIS-LEBANON	3.03	3.53	5.82
CORVALLIS-LEBANON	0.89	1.19	5.82
COQUILLE-BANDON	1.00E-02	2.00E-02	5.82
CORVALLIS-LEBANON	1.19	1.62	5.82
CORVALLIS-LEBANON	2.78	3.03	5.82
OREGON COAST	301.3	301.37	5.81
OREGON COAST	329.34	329.42	5.81
OREGON COAST	328.13	328.26	5.81
OREGON COAST	329.33	329.34	5.81
CLACKAMAS	21.36	21.66	5.81
THE DALLES-CALIFORNIA	168.19	169.14	5.71
OREGON COAST	213.63	213.66	5.71
OREGON COAST	301.37	301.54	5.71
CENTRAL OREGON	129.01	129.12	5.71
OREGON COAST	37.3	37.79	5.71
WILLAMETTE	13.19	13.53	5.71
CASCADE AVE. CONN.	92.05	92.22	5.71
OREGON COAST	36.47	37.11	5.71

WILLAMETTE	5.09	5.23	5.71
MCKENZIE-BEND	0.1	0.16	5.71
SANTIAM	99.53	99.6	5.71
OREGON COAST	37.11	37.19	5.71
SANTIAM	98.33	99.53	5.71
WILLAMETTE	12.14	13.19	5.71
WILLAMETTE	5.23	5.46	5.71
OREGON COAST	37.19	37.3	5.71
WILLAMETTE	5.78	6.37	5.71
WILLAMETTE	5.46	5.73	5.71
OREGON COAST	293.62	294.06	5.71
OREGON COAST	46.51	48.31	5.71
OREGON COAST	293.48	293.62	5.71
MCKENZIE	93.38	93.96	5.71
CENTRAL OREGON	129.46	129.56	5.71
CENTRAL OREGON	129.56	129.74	5.71
CENTRAL OREGON	129.12	129.22	5.71
OREGON COAST	213.66	215.04	5.71
NORTH SANTIAM	30.51	30.68	5.71
CORVALLIS-NEWPORT	20.95	21.2	5.71
SHAW-AUMSVILLE CONN. NO. 1	8.9	9.17	5.71
NORTH SANTIAM	29.05	29.57	5.71
WARM SPRINGS	103.54	103.63	5.71
COOS BAY-ROSEBURG	55.3	55.41	5.71
SHAW-AUMSVILLE CONN. NO. 2	8.93	9.22	5.71
FLORENCE-EUGENE	14.65	17.51	5.71
LOWER COLUMBIA RIVER	93.25	94.41	5.71
FLORENCE-EUGENE	14.58	14.65	5.71
PENDLETON-JOHN DAY	16.14	17.06	5.71
WARM SPRINGS	104.18	104.49	5.71
FLORENCE-EUGENE	14.42	14.58	5.71
WARM SPRINGS	103.27	103.54	5.71
LOWER COLUMBIA RIVER	60.55	60.94	5.71
CORVALLIS-NEWPORT	16.46	20.95	5.71
HISTORIC COLUMBIA RIVER	29.71	30.25	5.71
NORTH SANTIAM	8.9	9.3	5.71
LOWER COLUMBIA RIVER	62.01	63.47	5.71
WARM SPRINGS	103.63	104.18	5.71
REDWOOD	29.25	29.63	5.71
EDDYVILLE-BLODGETT	16.59	19.18	5.71
SHAW-AUMSVILLE CONN. NO. 5	8.79	9.08	5.71
MCKENZIE	44.46	45.39	5.54
MCKENZIE	96.81	97.46	5.54
MCKENZIE	50.74	50.79	5.54
WILLAMETTE	11.14	11.42	5.54
OREGON COAST	222.73	223.59	5.54
OREGON COAST	30.75	31.26	5.54
MCKENZIE	49.13	49.19	5.54
OREGON COAST	46.93	47.13	5.54
MCKENZIE	22.08	22.48	5.54
OREGON COAST	31.37	32.12	5.54
MCKENZIE	50.79	53.32	5.54
MCKENZIE	25.63	26.31	5.54
MCKENZIE	41.01	41.14	5.54
MCKENZIE	45.39	46.39	5.54
MCKENZIE	34.94	35.24	5.54
MCKENZIE	33.96	34.94	5.54
MCKENZIE	35.24	37.68	5.54
WILLAMETTE	31.39	31.44	5.54
OREGON COAST	47.73	47.92	5.54
OREGON COAST	222.01	222.28	5.54
MCKENZIE	47.6	49.13	5.54
MCKENZIE	22.48	22.6	5.54
MCKENZIE	49.96	50.32	5.54
WILLAMETTE	31.64	31.78	5.54
MCKENZIE	18	19.02	5.54
MCKENZIE	28.02	28.62	5.54
OREGON COAST	150.87	151.03	5.54
MCKENZIE	29.14	31.63	5.54
OREGON COAST	28.57	29.45	5.54
MCKENZIE	41.14	41.16	5.54
MCKENZIE	41.34	42.25	5.54
MCKENZIE	20.27	21.26	5.54
MCKENZIE	11.62	11.83	5.54
MCKENZIE	22.6	23.41	5.54
WESTFIR FRONTAGE RD.	31.35	31.82	5.54
THE DALLES-CALIFORNIA	149.5	150.98	5.54

MCKENZIE	19.02	19.83	5.54
OREGON COAST	126.4	126.87	5.54
MCKENZIE	24.31	24.82	5.54
OREGON COAST	47.13	47.2	5.54
MCKENZIE	21.38	22.05	5.54
WILLAMETTE	31.44	31.64	5.54
MCKENZIE	49.78	49.96	5.54
WILLAMETTE	31.06	31.31	5.54
MCKENZIE	21.26	21.38	5.54
MCKENZIE	50.57	50.74	5.54
MCKENZIE	26.46	28.02	5.54
MCKENZIE	46.39	46.46	5.54
MCKENZIE	37.68	37.82	5.54
MCKENZIE	24.82	25.63	5.54
MCKENZIE	46.51	46.58	5.54
THE DALLES-CALIFORNIA	149.44	149.5	5.54
LAKESIDE FRONTAGE RD.	222.95	224.1	5.54
WILLAMETTE	11.42	12.14	5.54
MCKENZIE	46.46	46.51	5.54
OREGON COAST	84.13	84.94	5.54
WILLAMETTE	31.31	31.39	5.54
MCKENZIE	32.28	33.2	5.54
MCKENZIE	37.82	38.84	5.54
MCKENZIE	49.19	49.78	5.54
MCKENZIE	46.58	47.08	5.54
OREGON COAST	46.65	46.93	5.54
MCKENZIE	42.25	43.85	5.54
MCKENZIE	22.05	22.08	5.54
OREGON COAST	150.86	150.87	5.54
BOX CANYON FRONTAGE RD.	45.35	45.39	5.54
OREGON COAST	14.75	15.19	5.54
OREGON COAST	31.26	31.37	5.54
MCKENZIE	23.93	24.31	5.54
LOWER COLUMBIA RIVER	40.47	40.8	5.54
NORTH SANTIAM	22.24	22.37	5.54
LOWER COLUMBIA RIVER	51.32	52.3	5.54
MT. HOOD	54.15	54.22	5.54
MT. HOOD	52.53	52.55	5.54
LOWER COLUMBIA RIVER	52.81	52.93	5.54
SALMON RIVER	1.31	1.36	5.54
WARM SPRINGS	102.16	102.84	5.54
REDWOOD	36.47	36.73	5.54
LOWER COLUMBIA RIVER	42.23	43.12	5.54
NECANICUM	4.00E-02	0.34	5.54
SUNSET	16.87	17.62	5.54
LOWER COLUMBIA RIVER	85.76	86.52	5.54
REDWOOD	19.66	20.11	5.54
SALMON RIVER	1.36	4.33	5.54
SUNSET	17.71	17.95	5.54
SALMON RIVER	0.33	1.31	5.54
MT. HOOD	54.14	54.15	5.54
LOWER COLUMBIA RIVER	52.58	52.81	5.54
LOWER COLUMBIA RIVER	82.01	83.07	5.54
SUNSET	4.7	9.42	5.54
FLORENCE-EUGENE	49.75	51.55	5.54
REDWOOD	11.3	12.25	5.54
LOWER COLUMBIA RIVER	52.36	52.58	5.54
OTIS CONNECTION NO. 2	1.36	1.42	5.54
WARM SPRINGS	102.03	102.16	5.54
LOWER COLUMBIA RIVER	70.06	70.43	5.54
SALMON RIVER	5.42	6.37	5.54
CENTRAL OREGON	266.31	266.47	5.53
CLACKAMAS	23.27	23.3	5.53
CLACKAMAS	23.12	23.13	5.53
CLACKAMAS	23.18	23.27	5.53
CLACKAMAS	23.11	23.12	5.53
CLACKAMAS	22.24	22.81	5.53
CLACKAMAS	23.3	23.36	5.53
WOODBURN-ESTACADA HWY CONN	23.3	23.38	5.53
CLACKAMAS	23.13	23.18	5.53
CLACKAMAS	22.81	22.99	5.53
CLACKAMAS	22.99	23	5.53
CLACKAMAS	23	23.11	5.53
OREGON COAST	300.51	300.62	5.36
CENTRAL OREGON	131.03	131.05	5.36
CENTRAL OREGON	131.05	131.09	5.36
OREGON COAST	329.05	329.19	5.36

OREGON COAST	329.01	329.05	5.36
OREGON COAST	328.93	328.95	5.36
OREGON COAST	212.05	212.14	5.36
OREGON COAST	300.41	300.46	5.36
CENTRAL OREGON	131.28	131.33	5.36
OREGON COAST	273.57	273.69	5.36
OREGON COAST	328.83	328.88	5.36
OREGON COAST	300.66	300.72	5.36
OREGON COAST	300.62	300.66	5.36
CENTRAL OREGON	131.44	131.5	5.36
CENTRAL OREGON	131.33	131.38	5.36
CENTRAL OREGON	131.01	131.03	5.36
OREGON COAST	328.78	328.83	5.36
OREGON COAST	328.74	328.77	5.36
CENTRAL OREGON	131.38	131.44	5.36
OREGON COAST	300.88	300.93	5.36
OREGON COAST	300.23	300.24	5.36
CENTRAL OREGON	131.12	131.16	5.36
OREGON COAST	328.77	328.78	5.36
CENTRAL OREGON	131.23	131.28	5.36
CENTRAL OREGON	131.09	131.12	5.36
OREGON COAST	328.88	328.93	5.36
OREGON COAST	211.98	212.05	5.36
CENTRAL OREGON	131.5	131.54	5.36
OREGON COAST	300.46	300.51	5.36
CENTRAL OREGON	131.16	131.23	5.36
OREGON COAST	328.95	329.01	5.36
REDWOOD	28.56	28.63	5.36
COOS BAY-ROSEBURG	20.72	20.8	5.36
LOWER COLUMBIA RIVER	61.42	61.47	5.36
COOS BAY-ROSEBURG	20.58	20.63	5.36
COOS BAY-ROSEBURG	20.63	20.67	5.36
LOWER COLUMBIA RIVER	61.31	61.42	5.36
LOWER COLUMBIA RIVER	61.67	61.7	5.36
LOWER COLUMBIA RIVER	61.61	61.67	5.36
MIST-CLATSKANIE	1.14E-13	0.22	5.36
LOWER COLUMBIA RIVER	61.72	61.76	5.36
LOWER COLUMBIA RIVER	61.52	61.57	5.36
LOWER COLUMBIA RIVER	61.7	61.72	5.36
LOWER COLUMBIA RIVER	61.47	61.52	5.36
COOS BAY-ROSEBURG	20.8	20.85	5.36
COOS BAY-ROSEBURG	20.67	20.72	5.36
COOS BAY-ROSEBURG	20.51	20.53	5.36
LOWER COLUMBIA RIVER	61.57	61.61	5.36
COOS BAY-ROSEBURG	20.53	20.58	5.36
STEENS	1.14E-13	5.00E-02	5.36
CENTRAL OREGON	223.16	224.41	5.26
JOHN DAY	277.21	277.71	5.26
SANTIAM	99.86	99.93	5.26
SANTIAM	99.86	99.86309247	5.26
MCKINNEY BUTTE CONN. NO. 1	99.97	99.99	5.26
COLUMBIA RIVER	175.04	175.31	5.26
CENTRAL OREGON	246.54	246.8	5.26
CENTRAL OREGON	246.5	246.54	5.26
COLUMBIA RIVER	175.47	175.57	5.26
WALLOWA LAKE	12.5	14.27	5.26
CENTRAL OREGON	42.62	42.74	5.26
OREGON COAST	227.99	228.5	5.26
OREGON COAST	44.69	44.75	5.26
CENTRAL OREGON	185.05	189.27	5.26
SANTIAM	99.968	99.97	5.26
MCKINNEY BUTTE CONN. NO. 1	99.93	99.933	5.26
CENTRAL OREGON	189.49	189.57	5.26
OREGON COAST	228.5	228.88	5.26
OREGON COAST	229	229.27	5.26
MCKENZIE	15.35	15.61	5.26
JOHN DAY	173.32	175.01	5.26
CENTRAL OREGON	245.84	245.9	5.26
CENTRAL OREGON	245.97	246.04	5.26
SANTIAM	99.97	99.971	5.26
THE DALLES-CALIFORNIA	167.5	167.72	5.26
CENTRAL OREGON	189.7	189.78	5.26
COLUMBIA RIVER	175.67	175.74	5.26
WALLOWA LAKE	46.67	46.72	5.26
WALLOWA LAKE	20.49	20.56	5.26
OREGON COAST	161.04	161.15	5.26
CENTRAL OREGON	245.77	245.78	5.26

SANTIAM	99.967	99.97	5.26
HAUSER RD. FRONTAGE RD.	229	229.26	5.26
ELK CREEK FRONTAGE RD.	39.57	39.62	5.26
CENTRAL OREGON	189.61	189.7	5.26
CENTRAL OREGON	245.76	245.77	5.26
CENTRAL OREGON	245.83	245.84	5.26
COLUMBIA RIVER	175.42	175.47	5.26
SANTIAM	99.93	99.95	5.26
CENTRAL OREGON	189.78	191.9	5.26
YAKIMA ST. CONNECTION	245.83	245.89	5.26
CENTRAL OREGON	245.78	245.83	5.26
COLUMBIA RIVER	175.57	175.61	5.26
CENTRAL OREGON	189.57	189.61	5.26
COLUMBIA RIVER	175.31	175.42	5.26
CENTRAL OREGON	245.75	245.78	5.26
CENTRAL OREGON	245.73	245.75	5.26
WALLOWA LAKE	46.59	46.67	5.26
COLUMBIA RIVER	175.74	175.87	5.26
JOHN DAY	130.35	130.86	5.26
MCKINNEY BUTTE CONN. NO. 1	99.948	99.95	5.26
OREGON COAST	228.88	229	5.26
WILLAMETTE	3.75	3.95	5.26
JOHN DAY	277.88	277.97	5.26
SANTIAM	99.97	99.971	5.26
CENTRAL OREGON	189.39	189.49	5.26
WALLOWA LAKE	47.32	47.58	5.26
JOHN DAY	131.14	131.44	5.26
CENTRAL OREGON	245.71	245.72	5.26
ELK CREEK FRONTAGE RD.	39.44	39.57	5.26
CENTRAL OREGON	245.78	245.85	5.26
CENTRAL OREGON	189.27	189.39	5.26
CENTRAL OREGON	245.71	245.716132	5.26
CENTRAL OREGON	245.85	245.91	5.26
CENTRAL OREGON	42.74	42.83	5.26
CENTRAL OREGON	245.72	245.73	5.26
SANTIAM	99.95	100.02	5.26
WALLOWA LAKE	10.95	11.98	5.26
CENTRAL OREGON	246.46	246.5	5.26
OREGON COAST	161.15	161.19	5.26
MCKENZIE	14.33	14.58	5.26
CENTRAL OREGON	42.83	46.08	5.26
OREGON COAST	87.66	88.28	5.26
CENTRAL OREGON	245.72	245.76	5.26
JOHN DAY	277.71	277.88	5.26
COLUMBIA RIVER	175.61	175.67	5.26
THE DALLES-CALIFORNIA	164.62	165.03	5.26
CENTRAL OREGON	246.5	246.82	5.26
CENTRAL OREGON	245.71	245.72	5.26
CENTRAL OREGON	245.9	245.97	5.26
SANTIAM	99.75	99.86	5.26
CENTRAL OREGON	245.71	245.72	5.26
MCKINNEY BUTTE CONN. NO. 1	99.97	99.99	5.26
CENTRAL OREGON	245.48	245.71	5.26
NEHALEM	83.49	83.59	5.26
PENDLETON-JOHN DAY	90.26	90.3	5.26
OCHOCO	65.57	65.83	5.26
PENDLETON-JOHN DAY	90.18	90.26	5.26
MT. HOOD	52.98	53.95	5.26
REDWOOD	28.85	28.95	5.26
E. GOVERNMENT CAMP FRONT.	54.05	54.07	5.26
CORVALLIS-NEWPORT	5.56	5.58	5.26
JOHN DAY-BURNS	25.29	27.74	5.26
PENDLETON-JOHN DAY	15.02	15.19	5.26
PENDLETON-JOHN DAY	14.7	15.02	5.26
REDWOOD	26.86	27.02	5.26
OCHOCO	8.34	8.85	5.26
WILSON RIVER	49.1	49.4	5.26
LOWER COLUMBIA RIVER	61.85	62.01	5.26
PENDLETON-JOHN DAY	90.3	90.33	5.26
NEHALEM	83.62	83.84	5.26
REDWOOD	26.71	26.73	5.26
WILSON RIVER HWY CONN NO 1	83.62	83.71	5.26
NEHALEM	83.59	83.62	5.26
E. GOVERNMENT CAMP FRONT.	52.85	52.94	5.26
OCHOCO	66.59	66.78	5.26
CORVALLIS-NEWPORT	5.58	5.59	5.26
REDWOOD	26.61	26.71	5.26

MT. HOOD	52.88	52.98	5.26
OCHOCO	65.94	66.04	5.26
MT. HOOD	53.99	54	5.26
REDWOOD	26.73	26.86	5.26
JOHN DAY-BURNS	24.83	24.95	5.26
CORVALLIS-NEWPORT	5.59	5.63	5.26
CORVALLIS-NEWPORT	5.63	5.74	5.26
OCHOCO	65.9	65.94	5.26
REDWOOD	27.75	28.43	5.26
PENDLETON-JOHN DAY	90.37	91.34	5.26
OCHOCO	65.83	65.9	5.26
PENDLETON-JOHN DAY	88.93	90.18	5.26
OCHOCO	7.84	8.34	5.26
MT. HOOD	53.95	53.99	5.26
OCHOCO	66.18	66.59	5.26
OREGON CAVES	1.14E-13	9.00E-02	5.26
FRONTAGE RD. CONN. 1	5.74	5.83	5.26
WILSON RIVER HWY CONN NO 2	83.95	84.19	5.26
OCHOCO	66.04	66.18	5.26
PENDLETON-JOHN DAY	90.33	90.37	5.26
REDWOOD	28.95	28.98	5.26
REDWOOD	26.42	26.61	5.26
CHILOQUIN	4.92	5.29	5.26
VALE-WEST	10.37	10.39	5.26
KIMBERLY-LONG CREEK	34.84	34.88	5.26
SILETZ	30.71	31.24	5.26
SERVICE CREEK-MITCHELL	23.33	24.32	5.26
VALE-WEST	10.35	10.37	5.26
WOODBURN-ESTACADA	33.35	33.45	5.25
EAGLE CREEK-SANDY	0.63	1.18	5.25
EDDYVILLE-BLODGETT	1.14E-13	2.42	5.25
CLACKAMAS	18.37	18.88	5.25
OREGON COAST	55.6	55.65	5.08
OREGON COAST	55.56	55.6	5.08
OREGON COAST	55.7	55.75	5.08
OREGON COAST	55.4	55.45	5.08
OREGON COAST	55.51	55.56	5.08
MCKENZIE	92.77	92.83	5.08
OREGON COAST	55.45	55.51	5.08
OREGON COAST	55.35	55.4	5.08
OREGON COAST	55.29	55.35	5.08
OREGON COAST	55.65	55.7	5.08
OREGON COAST	55.75	55.85	5.08
OREGON COAST	296.71	296.87	4.82
OREGON COAST	351.15	351.21	4.82
OREGON COAST	75.54	76.84	4.82
WALLOWA LAKE	15.86	16.84	4.82
WILLAMETTE	34.31	34.47	4.82
OREGON COAST	81.18	82.96	4.82
THE DALLES-CALIFORNIA	200.61	201.45	4.82
SANTIAM	20.29	21.15	4.82
OREGON-WASHINGTON	20.49	21.75	4.82
SANTIAM	21.52	21.55	4.82
WILLAMETTE	82.62	83.41	4.82
THE DALLES-CALIFORNIA	254.9	257.83	4.82
WALLOWA LAKE	16.84	18.16	4.82
CENTRAL OREGON	158.63	161.13	4.82
WILLAMETTE	62.06	62.12	4.82
BIGGS-RUFUS FRONTAGE RD.	104.56	104.76	4.82
OREGON COAST	94.23	94.26	4.82
MCKENZIE-BEND	6.67	7.11	4.82
OREGON COAST	296.48	296.71	4.82
OREGON COAST	192.61	192.91	4.82
THE DALLES-CALIFORNIA	217.59	219.58	4.82
WALLOWA LAKE	57.05	59.78	4.82
SANTIAM	19.86	19.97	4.82
OREGON COAST	289.18	289.94	4.82
OREGON-WASHINGTON	20.47	20.49	4.82
OREGON COAST	341.85	342.27	4.82
THE DALLES-CALIFORNIA	201.45	202.41	4.82
OREGON COAST	301.78	302.25	4.82
OREGON COAST	94.26	94.95	4.82
MACK ARCH CONN.	341.85	342.07	4.82
OREGON COAST	343.23	343.94	4.82
WILLAMETTE	34.19	34.31	4.82
WALLOWA LAKE	59.78	60.67	4.82
THE DALLES-CALIFORNIA	67.17	68.89	4.82

OREGON COAST	351.13	351.15	4.82
THE DALLES-CALIFORNIA	112.19	112.8	4.82
OREGON COAST	341.61	341.85	4.82
THE DALLES-CALIFORNIA	249.08	250	4.82
OREGON COAST	351.21	351.69	4.82
OREGON COAST	93.87	94.1	4.82
MCKENZIE-BEND	10.07	11.8	4.82
THE DALLES-CALIFORNIA	245.85	246.55	4.82
MCKENZIE-BEND	7.11	7.32	4.82
OREGON COAST	296.87	297.57	4.82
JOHN DAY	179.49	180.4	4.82
SANTIAM	21.55	21.6	4.82
MINOR PARK RD. FRONTAGE	155.05	155.22	4.82
OREGON COAST	192.28	192.61	4.82
OREGON-WASHINGTON	19.29	20.41	4.82
OREGON COAST	295.84	296.48	4.82
THE DALLES-CALIFORNIA	246.55	247.32	4.82
MCKENZIE-BEND	6.08	6.32	4.82
THE DALLES-CALIFORNIA	250	251.48	4.82
JOHN DAY	180.4	181.93	4.82
THE DALLES-CALIFORNIA	244.09	245.85	4.82
OREGON COAST	94.1	94.23	4.82
THE DALLES-CALIFORNIA	263.14	265.66	4.82
THE DALLES-CALIFORNIA	229.15	231.93	4.82
THE DALLES-CALIFORNIA	199.85	200.61	4.82
OREGON-WASHINGTON	20.45	20.47	4.82
WILLAMETTE	83.41	83.75	4.82
THE DALLES-CALIFORNIA	172.19	175.46	4.82
OREGON-WASHINGTON	20.41	20.45	4.82
THE DALLES-CALIFORNIA	209.14	212.26	4.82
THE DALLES-CALIFORNIA	112.8	112.82	4.82
SANTIAM	21.15	21.52	4.82
THE DALLES-CALIFORNIA	247.32	247.45	4.82
MCKENZIE-BEND	6.32	6.67	4.82
THE DALLES-CALIFORNIA	126.2	126.63	4.82
CENTRAL OREGON	18.01	20.96	4.82
OREGON COAST	350.97	351.13	4.82
SANTIAM	19.97	20.29	4.82
OREGON COAST	342.27	343.23	4.82
OREGON-WASHINGTON	18.99	19.29	4.82
MT. HOOD	37.06	37.36	4.82
COOS BAY-ROSEBURG	15.18	15.25	4.82
WILLAMINA-SALEM	20.49	20.56	4.82
MT. HOOD	40.03	40.27	4.82
SUNSET	38.65	39.1	4.82
WILLAMINA-SALEM	18.84	18.97	4.82
COOS BAY-ROSEBURG	5.45	5.56	4.82
SHERMAN	1.14E-13	3.00E-02	4.82
UMPQUA	45.35	46.34	4.82
SHERMAN	9.05	9.73	4.82
COOS BAY-ROSEBURG	5.2	5.45	4.82
COOS BAY-ROSEBURG	2.97	3.06	4.82
FORT HILL RD. CONN. NO. 1	24.72	24.88	4.82
SUNSET	37.65	37.7	4.82
WILLAMINA-SALEM	18.61	18.84	4.82
MT. HOOD	39.65	39.72	4.82
COOS BAY-ROSEBURG	6.92	7.68	4.82
CONFUSION HILL RD FRONT RD	2.86	2.97	4.82
COOS BAY-ROSEBURG	14.15	14.18	4.82
UMPQUA	52.43	52.59	4.82
SHERMAN	42.51	45.61	4.82
FLORENCE-EUGENE	13.81	13.96	4.82
FORT HILL RD. CONN. NO. 4	24.2	24.4	4.82
SHERMAN	13.27	14.27	4.82
COOS BAY-ROSEBURG	18.08	18.17	4.82
FORT HILL RD. CONN. NO. 3	24.61	24.74	4.82
MT. HOOD	91.27	91.3	4.82
NORTH SANTIAM	19.07	19.18	4.82
COOS BAY-ROSEBURG	16.92	17.13	4.82
MT. HOOD	30.43	31.41	4.82
SHERMAN	-0.15	-9.00E-02	4.82
ALDER HEIGHTS DR FRONT. RD	32.68	32.88	4.82
COOS BAY-ROSEBURG	12.73	12.76	4.82
WILLAMINA-SALEM	18.84	18.97	4.82
COUNTY RD. CONN. NO. 2	19.77	19.8	4.82
COOS BAY-ROSEBURG	14.66	14.7	4.82
NORTH SANTIAM	19.06	19.18	4.82

FULTON CANYON CONN. NO. 2	9.05	9.27	4.82
COOS BAY-ROSEBURG	14.03	14.1	4.82
COOS BAY-ROSEBURG	17.13	17.62	4.82
WILLAMINA-SALEM	16.4	18.38	4.82
COOS BAY-ROSEBURG	37.4	37.7	4.82
COOS BAY-ROSEBURG	6.72	6.75	4.82
REDWOOD	33.57	33.71	4.82
WILLAMINA-SALEM	20.75	20.84	4.82
PACIFIC HIGHWAY WEST	20.69	20.96	4.82
LOWER COLUMBIA RIVER	15.07	15.34	4.82
COOS BAY-ROSEBURG	15.83	16.73	4.82
COOS BAY-ROSEBURG	6.76	6.92	4.82
PACIFIC HIGHWAY WEST	20.18	20.5	4.82
SHERMAN	8.61	9.01	4.82
PACIFIC HIGHWAY WEST	19.86	19.92	4.82
PARRETT MOUNTAIN RD. CONN.	20.02	20.09	4.82
SHERMAN	-9.00E-02	1.14E-13	4.82
MT. HOOD	37.36	38.06	4.82
UMPQUA	53.03	53.36	4.82
COOS BAY-ROSEBURG	3.06	3.24	4.82
WILLAMINA-SALEM	18.38	18.61	4.82
MT. HOOD	39.72	39.91	4.82
WILLAMINA-SALEM	20.1	20.33	4.82
MT. HOOD	32.68	32.88	4.82
WILLAMINA-SALEM	19.34	19.4	4.82
SALMON RIVER	24.94	25.12	4.82
COOS BAY-ROSEBURG	5.56	5.61	4.82
WILLAMINA-SALEM	17.32	18.38	4.82
MT. HOOD	36.62	36.72	4.82
MT. HOOD	34.92	34.97	4.82
MT. HOOD	40.01	40.03	4.82
WILLAMINA-SALEM	19.3	19.4	4.82
COOS BAY-ROSEBURG	13.42	13.47	4.82
FLORENCE-EUGENE	13.52	13.81	4.82
SALMON RIVER	25.12	25.59	4.82
COOS BAY-ROSEBURG	15.71	15.83	4.82
MT. HOOD	39.61	39.62	4.82
PAHA LOOP CONN. NO. 2	28.28	28.33	4.82
MT. HOOD	91.02	91.06	4.82
SALMON RIVER	25.59	25.75	4.82
OCHOCO	5.24	6.38	4.82
COOS BAY-ROSEBURG	37.7	38.68	4.82
FORT HILL RD. FRONTAGE RD.	24.54	24.79	4.82
SALMON RIVER	24.4	24.61	4.82
MT. HOOD	39.62	39.65	4.82
COOS BAY-ROSEBURG	17.83	18.08	4.82
COOS BAY-ROSEBURG	3.98	4.08	4.82
MT. HOOD	36.53	36.62	4.82
ACCESS RD. FRONTAGE RD.	3.32	3.85	4.82
COOS BAY-ROSEBURG	19.67	19.77	4.82
SHERMAN	3.00E-02	1.32	4.82
COOS BAY-ROSEBURG	17.62	17.83	4.82
NORTH SANTIAM	19.38	19.73	4.82
COOS BAY-ROSEBURG	6.75	6.76	4.82
SALMON RIVER	52.27	52.59	4.82
WILLAMINA-SALEM	19.83	20.03	4.82
PACIFIC HIGHWAY WEST	19.92	20.02	4.82
COOS BAY-ROSEBURG	12.76	12.81	4.82
COOS BAY-ROSEBURG	3.85	3.98	4.82
UMPQUA	37.28	38.07	4.82
INDEPENDENCE HWY CONN.	20.33	20.37	4.82
WILLAMINA-SALEM	20.33	20.37	4.82
MT. HOOD	32.47	32.68	4.82
MT. HOOD	39.91	39.92	4.82
COOS BAY-ROSEBURG	4.18	4.36	4.82
MT. HOOD	36.72	36.83	4.82
FORT HILL RD. CONN. NO. 2	24.71	24.94	4.82
MT. HOOD	39.54	39.58	4.82
SALMON RIVER	24.72	24.94	4.82
WILLAMINA-SALEM	20.03	20.1	4.82
MT. HOOD	36.38	36.53	4.82
SUNSET	38.61	38.65	4.82
PACIFIC HIGHWAY WEST	20.5	20.69	4.82
LOWER COLUMBIA RIVER	13.69	13.87	4.82
UMPQUA	52.95	53.03	4.82
SHERMAN	9.01	9.05	4.82
COOS BAY-ROSEBURG	16.73	16.92	4.82

SUNSET	38.51	38.61	4.82
REDWOOD	24.59	25.89	4.82
MT. HOOD	34.04	34.12	4.82
SALMON RIVER	25.75	26.36	4.82
OCHOCO	4.35	5.24	4.82
COOS BAY-ROSEBURG	15.25	15.44	4.82
UMPQUA	30.25	32.95	4.82
COOS BAY-ROSEBURG	9.63	9.97	4.82
MT. HOOD	36.83	37.06	4.82
COOS BAY-ROSEBURG	14.1	14.15	4.82
MT. HOOD	91.06	91.27	4.82
COOS BAY-ROSEBURG	14.65	14.66	4.82
LOWER COLUMBIA RIVER	14.16	14.23	4.82
MT. HOOD	91.3	91.6	4.82
MT. HOOD	39.92	40.01	4.82
WILLAMINA-SALEM	20.37	20.49	4.82
COOS BAY-ROSEBURG	15.44	15.71	4.82
COOS BAY-ROSEBURG	14.18	14.65	4.82
SUNSET	37.7	38.51	4.82
REDWOOD	33.71	34.11	4.82
SALMON RIVER	23.43	24.4	4.82
MT. HOOD	40.27	40.28	4.82
UMPQUA	52.59	52.95	4.82
COOS BAY-ROSEBURG	14.7	15.18	4.82
COOS BAY-ROSEBURG	4.08	4.18	4.82
NORTH SANTIAM	19.18	19.38	4.82
UMPQUA	52.38	52.43	4.82
PACIFIC HIGHWAY WEST	20.07	20.18	4.82
SALMON RIVER	24.61	24.72	4.82
PACIFIC HIGHWAY WEST	20.02	20.07	4.82
SUNSET	37.6	37.65	4.82
UMPQUA	45.08	45.35	4.82
MT. HOOD	39.58	39.61	4.82
COUNTY RD. CONN. NO. 1	19.67	19.78	4.82
LOWER COLUMBIA RIVER	13.87	14.16	4.82
CORVALLIS-LEBANON	9.16	9.41	4.82
LAKE OF THE WOODS	6.77	7.15	4.82
CORVALLIS-LEBANON	1.62	1.66	4.82
FULTON CANYON RD CONN NO 1	14.67	14.89	4.82
CAPE BLANCO	5.43	5.57	4.82
CORVALLIS-LEBANON	1.66	1.71	4.82
CORVALLIS-LEBANON	10.77	12.77	4.82
CORVALLIS-LEBANON	9.41	9.85	4.82
CORVALLIS-LEBANON	5.1	5.36	4.82
WILLAMINA-SALEM HWY CONN.	4.00E-02	0.19	4.82
CORVALLIS-LEBANON	9.95	10	4.82
CORVALLIS-LEBANON	13.27	13.76	4.82
CORVALLIS-LEBANON	10.06	10.12	4.82
WESTON-ELGIN	-1.32	-1.26	4.82
CORVALLIS-LEBANON	9.85	9.86	4.82
CORVALLIS-LEBANON	2.55	2.58	4.82
CORVALLIS-LEBANON	12.77	13.27	4.82
CORVALLIS-LEBANON	10.49	10.77	4.82
CORVALLIS-LEBANON	9.94	9.95	4.82
LAKE OF THE WOODS	6.39	6.77	4.82
CORVALLIS-LEBANON	4.59	5.1	4.82
INDEPENDENCE	1.14E-13	3.00E-02	4.82
CARPENTERVILLE	334.87	335.27	4.82
CORVALLIS-LEBANON	1.71	1.77	4.82
THE DALLES-CALIF HY CONN 2	3.36	3.63	4.82
CORVALLIS-LEBANON	0.7	0.89	4.82
CORVALLIS-LEBANON	4.46	4.59	4.82
CORVALLIS-LEBANON	10.12	10.38	4.82
CORVALLIS-LEBANON	4.09	4.26	4.82
KINGDOM LN. FRONTAGE RD.	19.38	19.66	4.82
CORVALLIS-LEBANON	2.16	2.55	4.82
CORVALLIS-LEBANON	1.77	1.86	4.82
CORVALLIS-LEBANON	10	10.06	4.82
WESTON-ELGIN	-1.18	-1.12	4.82
CORVALLIS-LEBANON	4.26	4.46	4.82
CORVALLIS-LEBANON	13.76	14.01	4.82
WESTON-ELGIN	-1.34	-1.31	4.82
CORVALLIS-LEBANON	9.86	9.94	4.82
CORVALLIS-LEBANON	3.53	4.03	4.82
CORVALLIS-LEBANON	14.01	14.71	4.82
CORVALLIS-LEBANON	4.03	4.09	4.82
CORVALLIS-LEBANON	1.86	1.94	4.82

CORVALLIS-LEBANON	1.94	2.16	4.82
CELILO-WASCO SPUR	7.3	7.62	4.82
WILSON RIVER	14.66	16.35	4.81
NORTH UMPQUA HIGHWAY EAST	29.08	32.53	4.81
WILSON RIVER	16.35	17.77	4.81
NORTH UMPQUA HIGHWAY EAST	28.8	29.08	4.81
CRATER LAKE	31.32	32.19	4.81
NORTH UMPQUA HIGHWAY EAST	10.1	10.21	4.81
CENTURY DRIVE	18.93	19.2	4.81
CENTURY DRIVE	21.81	21.82	4.81
CENTURY DRIVE	19.19	21.38	4.81
CENTURY DRIVE	19.15	19.19	4.81
CENTURY DRIVE	21.82	21.87	4.81
MAPLETON-JUNCTION CITY	33.33	34.26	4.81
MAPLETON-JUNCTION CITY	32.12	33.33	4.81
CENTURY DRIVE	21.72	21.81	4.81
CLACKAMAS	26.63	28.87	4.81
CENTURY DRIVE	21.38	21.72	4.81
OREGON COAST	328.06	328.13	4.64
WILLAMETTE	10.82	11.14	4.54
OREGON COAST	51.42	51.67	4.54
CENTRAL OREGON	21.95	22.32	4.54
OREGON COAST	34.08	34.34	4.54
OREGON COAST	158.97	159.09	4.54
OREGON COAST	222.51	222.73	4.54
OREGON COAST	39.11	39.19	4.54
OREGON COAST	258.62	259.32	4.54
WILLAMETTE	48.69	49.32	4.54
SANTIAM	79.99	80.16	4.54
OREGON COAST	183.28	183.57	4.54
OREGON COAST	306.99	307.75	4.54
WILLAMETTE	16.06	16.43	4.54
OREGON COAST	102.8	103.94	4.54
JOHN DAY	202.14	202.6	4.54
OREGON COAST	32.15	32.25	4.54
OREGON COAST	173.89	174.27	4.54
OREGON COAST	288.09	288.11	4.54
WILLAMETTE	49.32	49.89	4.54
OREGON COAST	259.86	259.93	4.54
WILLAMETTE	6.37	6.39	4.54
WILLAMETTE	25.2	25.58	4.54
SANTIAM	74.9	74.99	4.54
OREGON COAST	282.07	282.71	4.54
OREGON COAST	283.4	283.83	4.54
SANTIAM	87.33	88.2	4.54
OREGON COAST	337.05	337.97	4.54
OREGON COAST	253.02	253.16	4.54
WILLAMETTE	62.12	62.42	4.54
SANTIAM	81	83.75	4.54
WILLAMETTE	52.97	53.95	4.54
OREGON COAST	254.44	254.98	4.54
SANTIAM	44.15	46.1	4.54
OREGON COAST	207.56	208.51	4.54
CENTRAL OREGON	52.59	56.3	4.54
CANNON BEACH N. CONN. NO 3	28.35	28.57	4.54
WILLAMETTE	86.12	86.57	4.54
OREGON COAST	40.51	41.56	4.54
OREGON COAST	185.04	185.17	4.54
MCKENZIE	54.14	54.4	4.54
OREGON COAST	257.35	257.38	4.54
SANTIAM	96.6	97.92	4.54
THE DALLES-CALIFORNIA	105.7	105.73	4.54
MCKENZIE	53.38	54.14	4.54
OREGON COAST	224.89	226.42	4.54
CHILOQUIN CONN. NO. 1	247.45	247.56	4.54
WILLAMETTE	45.15	45.18	4.54
SALMON RIVER HWY. CONN.	105.27	105.57	4.54
OREGON COAST	248.64	249.56	4.54
OREGON COAST	39.02	39.04	4.54
MCKENZIE	33.86	33.96	4.54
OREGON COAST	178.16	178.25	4.54
WILLAMETTE	27.25	29.17	4.54
THE DALLES-CALIFORNIA	161.69	161.74	4.54
OREGON COAST	198.59	198.79	4.54
SANTIAM	32.41	32.98	4.54
OREGON COAST	171.33	171.38	4.54
SANTIAM	66.6	67.23	4.54

OREGON COAST	284.76	285.35	4.54
WILLAMETTE	7.21	8.23	4.54
OREGON COAST	33.7	34.08	4.54
JOHN DAY	202.09	202.14	4.54
OREGON COAST	198.58	198.59	4.54
CENTRAL OREGON	193.21	199.92	4.54
WILLAMETTE	73.42	74.42	4.54
RALSTON CREEK FRONTAGE RD.	32.06	32.21	4.54
WILLAMETTE	50.97	52.29	4.54
OREGON COAST	331.89	332.98	4.54
ROSEDALE FRONTAGE RD.	189.28	191.17	4.54
OREGON COAST	33.1	33.7	4.54
SANTIAM	67.23	67.91	4.54
JOHN DAY	200.52	200.72	4.54
THE DALLES-CALIFORNIA	160.61	161.69	4.54
OREGON COAST	254.98	255.51	4.54
SANTIAM	90.21	90.85	4.54
OREGON COAST	26.87	27.53	4.54
THE DALLES-CALIFORNIA	214.18	216.12	4.54
WILLAMETTE	45.8	45.82	4.54
OREGON COAST	224.12	224.24	4.54
THE DALLES-CALIFORNIA	199.06	199.85	4.54
OREGON COAST	252.28	252.7	4.54
MCKENZIE	44.13	44.46	4.54
THE DALLES-CALIFORNIA	169.14	169.68	4.54
MCKENZIE	53.32	53.38	4.54
WILLAMETTE	15.86	16.06	4.54
THE DALLES-CALIFORNIA	76.75	77.41	4.54
WILLAMETTE	25.58	25.79	4.54
SANTIAM	71.69	72.61	4.54
OREGON COAST	128.61	128.96	4.54
OREGON COAST	46.07	46.51	4.54
OREGON COAST	306.35	306.99	4.54
SANTIAM	79.92	79.99	4.54
OREGON COAST	244.56	244.93	4.54
WILLAMETTE	17.1	17.3	4.54
OREGON COAST	105.21	105.27	4.54
WILLAMETTE	39.3	40.55	4.54
JOHN DAY	204.52	204.6	4.54
OREGON COAST	34.34	34.39	4.54
OREGON COAST	171.38	171.49	4.54
THE DALLES-CALIFORNIA	108.05	108.74	4.54
THE DALLES-CALIFORNIA	161.8	162.67	4.54
OREGON COAST	56.43	56.65	4.54
THE DALLES-CALIFORNIA	195.95	199.06	4.54
OREGON COAST	25.43	25.72	4.54
THE DALLES-CALIFORNIA	181.78	182.72	4.54
WILLAMETTE	52.29	52.97	4.54
SANTIAM	79.88	79.92	4.54
THE DALLES-CALIFORNIA	169.68	169.81	4.54
OREGON COAST	252.7	253.02	4.54
OREGON COAST	250.02	250.26	4.54
THE DALLES-CALIFORNIA	150.98	151.57	4.54
CENTRAL OREGON	202.7	205.36	4.54
SUNSET HWY. CONN.	25.43	25.74	4.54
OREGON COAST	182.25	183.25	4.54
SANTIAM	57.17	58.79	4.54
OREGON COAST	201.43	202.24	4.54
WILLAMETTE	7.19	7.21	4.54
SANTIAM	63.63	64.39	4.54
SANTIAM	73.92	74.56	4.54
OREGON COAST	172.56	173.66	4.54
THE DALLES-CALIFORNIA	213.09	214.18	4.54
WILLAMETTE	33.62	34.19	4.54
OREGON COAST	184.71	184.91	4.54
OREGON COAST	174.94	175.3	4.54
CENTRAL OREGON	23.49	24.24	4.54
THE DALLES-CALIFORNIA	153.67	155.45	4.54
MCKENZIE-BEND	2.33	2.78	4.54
OREGON COAST	104.92	104.96	4.54
COTTONWOOD CONN. NO. 6	150.66	150.99	4.54
THE DALLES-CALIFORNIA	171.26	172.19	4.54
SANTIAM	90.91	92.88	4.54
DAVIS SLOUGH CONN.	244.48	244.4822515	4.54
OREGON COAST	223.59	224.12	4.54
OREGON COAST	196.71	196.97	4.54
JOHN DAY	203.82	204.52	4.54

OREGON COAST	129.5	129.59	4.54
OREGON COAST	126.03	126.22	4.54
SANTIAM	68.85	70.87	4.54
OREGON COAST	175.3	175.35	4.54
OREGON COAST	244.06	244.47	4.54
OREGON COAST	56.65	56.75	4.54
WILLAMETTE	13.64	15.86	4.54
SANTIAM	80.77	81	4.54
DAVIS SLOUGH CONN.	244.48	244.5	4.54
WILLAMETTE	67.53	67.85	4.54
OREGON COAST	257.74	257.84	4.54
THE DALLES-CALIFORNIA	163.58	164.2	4.54
THE DALLES-CALIFORNIA	194.84	195.15	4.54
OREGON COAST	25.12	25.16	4.54
WILLAMETTE	57.08	57.12	4.54
JOHN DAY	200.72	201.97	4.54
WILLAMETTE	49.89	50.38	4.54
OTIS JCT. FRONTAGE RD. #1	104.92	105.08	4.54
OREGON COAST	204.08	204.33	4.54
SANTIAM	74.56	74.59	4.54
OREGON COAST	311.99	313.11	4.54
OREGON COAST	304.33	304.6	4.54
WILLAMETTE	31.78	32.38	4.54
OREGON COAST	257.38	257.47	4.54
SANTIAM	90.85	90.91	4.54
THE DALLES-CALIFORNIA	107.75	108.05	4.54
SANTIAM	49.16	51.29	4.54
OREGON COAST	25.16	25.43	4.54
S CENTURY DRIVE CONN. 6	152.54	152.82	4.54
OREGON COAST	217.04	217.19	4.54
OREGON COAST	308.17	311.9	4.54
OREGON COAST	174.27	174.94	4.54
JOHN DAY	199.61	200.01	4.54
OREGON COAST	253.16	253.83	4.54
SANTIAM	38.21	39.35	4.54
OREGON COAST	39.1	39.11	4.54
WILLAMETTE	33.4	33.46	4.54
OREGON COAST	248.55	248.64	4.54
CENTRAL OREGON	191.9	193	4.54
OREGON COAST	168.49	169.04	4.54
OREGON COAST	259.42	259.44	4.54
SANTIAM	43.14	43.67	4.54
OREGON COAST	198.79	199.17	4.54
SANTIAM	34.14	36.29	4.54
OREGON COAST	209.3	209.5	4.54
THE DALLES-CALIFORNIA	151.6	152.82	4.54
OREGON COAST	51.97	52.2	4.54
SANTIAM	70.89	71.52	4.54
OREGON COAST	32.93	33.04	4.54
OREGON COAST	192.91	193.47	4.54
WILLAMETTE	50.73	50.97	4.54
OREGON COAST	193.47	194.41	4.54
OREGON COAST	74.63	74.65	4.54
OREGON COAST	259.32	259.42	4.54
THE DALLES-CALIFORNIA	162.67	163.58	4.54
OREGON COAST	208.68	208.7	4.54
OREGON COAST	302.49	303.72	4.54
OREGON COAST	38.99	39.02	4.54
OREGON COAST	215.92	216.71	4.54
THE DALLES-CALIFORNIA	85.08	85.26	4.54
OREGON COAST	217.27	219.17	4.54
OREGON COAST	221.36	221.98	4.54
OREGON COAST	255.96	256.54	4.54
OREGON COAST	159.09	159.21	4.54
COOS BAY-ROSEBURG HWY CONN	244.93	245.09	4.54
WILLAMETTE	61.46	61.47	4.54
OREGON COAST	129.59	129.74	4.54
OREGON COAST	246.33	246.36	4.54
OREGON COAST	244.497	244.5	4.54
OREGON COAST	49.83	50.01	4.54
SANTIAM	83.75	87	4.54
OREGON COAST	98.73	98.92	4.54
WILLAMETTE	37.26	39.3	4.54
SANTIAM	42.2	43.14	4.54
CENTRAL OREGON	47.31	49.79	4.54
OREGON COAST	285.35	285.78	4.54
THE DALLES-CALIFORNIA	152.82	153.4	4.54

WILLAMETTE	21.61	24.67	4.54
OREGON COAST	244.47	244.56	4.54
THE DALLES-CALIFORNIA	150.99	151.6	4.54
OREGON COAST	25.09	25.12	4.54
WILLAMETTE	62.49	63.84	4.54
COTTONWOOD CONN. NO. 3	151.31	151.46	4.54
OREGON COAST	251.02	251.05	4.54
OREGON COAST	39.04	39.1	4.54
WILLAMETTE	62.42	62.49	4.54
THE DALLES-CALIFORNIA	108.74	109.74	4.54
THE DALLES-CALIFORNIA	192.94	193.84	4.54
OREGON COAST	32.47	32.54	4.54
WILLAMETTE	24.67	25.2	4.54
OREGON COAST	303.72	304.33	4.54
SANTIAM	51.47	52.32	4.54
JUNCTION RD. FRONTAGE RD.	24.85	25.13	4.54
MCKENZIE	33.2	33.86	4.54
OREGON COAST	52.2	52.52	4.54
OREGON COAST	28.11	28.57	4.54
WILLAMETTE	46.96	47.69	4.54
OREGON COAST	198.09	198.58	4.54
WILLAMETTE	33.46	33.62	4.54
OREGON COAST	259.93	260.13	4.54
OREGON COAST	244.01	244.24	4.54
WILLAMETTE	45.22	45.8	4.54
SANTIAM	54.33	56.96	4.54
JOHN DAY	200.01	200.13	4.54
THE DALLES-CALIFORNIA	74.26	74.77	4.54
MCKENZIE-BEND	3.21	3.52	4.54
MCKENZIE	31.63	32.22	4.54
OREGON COAST	257.47	257.74	4.54
WILLAMETTE	50.38	50.73	4.54
SANTIAM	94.91	96.09	4.54
OREGON COAST	179.74	182.16	4.54
HUMBUG MOUNTAIN FRONT. RD.	306.99	307.12	4.54
OREGON COAST	176.03	177.83	4.54
S CENTURY DRIVE CONN. 5	153.33	153.58	4.54
DAVIS SLOUGH CONN.	244.47	244.4725964	4.54
CENTRAL OREGON	30.05	34.25	4.54
WILLAMETTE	40.55	42.83	4.54
SANTIAM	60.94	62.09	4.54
MCKENZIE-BEND	7.87	9.04	4.54
OREGON COAST	244.48	244.56	4.54
OREGON COAST	196.97	198.09	4.54
OREGON COAST	128.96	129.5	4.54
THE DALLES-CALIFORNIA	169.81	169.84	4.54
SANTIAM	87	87.33	4.54
OREGON COAST	170.02	171.33	4.54
THE DALLES-CALIFORNIA	77.41	77.58	4.54
WILLAMETTE	44.7	44.72	4.54
OREGON COAST	169.29	169.34	4.54
MCKENZIE	107.36	107.77	4.54
SANTIAM	64.39	66.6	4.54
OREGON COAST	28.06	28.11	4.54
OREGON COAST	332.98	333.48	4.54
COTTONWOOD CONN. NO. 1	150.98	151.23	4.54
OREGON COAST	173.66	173.89	4.54
WILLAMETTE	64.37	66.63	4.54
SANTIAM	76.4	79.7	4.54
COOS BAY-ROSEBURG HWY CONN	245.09	245.1	4.54
MCKENZIE	32.22	32.28	4.54
SANTIAM	36.29	37.46	4.54
OREGON COAST	258.34	258.58	4.54
THE DALLES-CALIFORNIA	159.51	160.57	4.54
OREGON COAST	167.3	167.61	4.54
THE DALLES-CALIFORNIA	77.58	77.82	4.54
THE DALLES-CALIFORNIA	81.62	82.07	4.54
OREGON COAST	243.42	243.46	4.54
CANNON BEACH N. CONN. NO 2	27.68	28.06	4.54
OREGON COAST	52.52	53.79	4.54
OREGON COAST	219.17	219.87	4.54
SANTIAM	96.09	96.6	4.54
COTTONWOOD CONN. NO. 5	151.6	151.9	4.54
WILLAMETTE	29.17	31.06	4.54
SANTIAM	58.79	59.34	4.54
WILDWOOD DR. FRONTAGE RD.	220.82	221.78	4.54
SANTIAM	43.67	44.15	4.54

OREGON COAST	167.61	168.4	4.54
OREGON COAST	159.5	159.71	4.54
SANTIAM	88.8	90.21	4.54
HORSE RIDGE FRONTAGE RD.	13.31	17.85	4.54
MCKENZIE	28.62	29.14	4.54
OREGON COAST	165.49	167.06	4.54
OREGON COAST	208.51	208.68	4.54
MCKENZIE	96.11	96.48	4.54
OREGON COAST	50.01	50.12	4.54
CENTRAL OREGON	25.29	26.19	4.54
OREGON COAST	276.74	276.93	4.54
THE DALLES-CALIFORNIA	155.5	156.26	4.54
COTTONWOOD CONN. NO. 4	151.31	151.57	4.54
OREGON COAST	247.37	248.55	4.54
OREGON COAST	195.04	195.98	4.54
SANTIAM	51.29	51.47	4.54
SANTIAM	62.09	62.12	4.54
OREGON COAST	32.54	32.56	4.54
S CENTURY DRIVE CONN. 4	153.08	153.4	4.54
WILLAMETTE	45.18	45.22	4.54
SANTIAM	73.83	73.92	4.54
OREGON COAST	185.17	185.36	4.54
OREGON COAST	244.48	244.483	4.54
SANTIAM	74.7	74.9	4.54
OREGON COAST	129.74	131.23	4.54
OREGON COAST	184.27	184.71	4.54
MCKENZIE	54.42	54.97	4.54
OREGON COAST	195.98	196.71	4.54
SANTIAM	70.87	70.89	4.54
CANNON BEACH N. CONN. NO 1	28.11	28.47	4.54
JOHN DAY	200.4	200.52	4.54
OREGON COAST	259.44	259.86	4.54
THE DALLES-CALIFORNIA	83.51	85.08	4.54
OREGON COAST	206.81	207.56	4.54
THE DALLES-CALIFORNIA	104.93	105.7	4.54
WILLAMETTE	17.9	18.37	4.54
S CENTURY DRIVE CONN. 3	153.02	153.17	4.54
THE DALLES-CALIFORNIA	80.98	81.62	4.54
OREGON COAST	183.25	183.28	4.54
SANTIAM	46.53	46.78	4.54
THE DALLES-CALIFORNIA	195.15	195.37	4.54
SANTIAM	72.61	73.83	4.54
OREGON COAST	34.39	34.44	4.54
OREGON COAST	149.42	149.61	4.54
JOHN DAY	200.13	200.18	4.54
OREGON COAST	25.72	26.87	4.54
OREGON COAST	209.64	210.75	4.54
CENTRAL OREGON	22.32	23.49	4.54
OREGON COAST	204.52	204.65	4.54
CENTRAL OREGON	27.23	28.73	4.54
THE DALLES-CALIFORNIA	241.1	242.63	4.54
OREGON COAST	45.82	46.07	4.54
THE DALLES-CALIFORNIA	85.26	87.12	4.54
OREGON COAST	276.57	276.74	4.54
MCKENZIE	55.46	56.08	4.54
OREGON COAST	258.58	258.62	4.54
SANTIAM	56.96	57.17	4.54
JOHN DAY	203.02	203.19	4.54
OREGON COAST	216.71	217.04	4.54
SANTIAM	46.1	46.53	4.54
OREGON COAST	177.88	178.16	4.54
SANTIAM	52.38	54.33	4.54
OREGON COAST	167.06	167.3	4.54
OREGON COAST	159.21	159.3	4.54
SANTIAM	32.98	34.14	4.54
WILLAMETTE	36.26	36.37	4.54
OREGON COAST	203.62	204.08	4.54
OREGON COAST	243.57	244.01	4.54
OREGON COAST	175.35	176.03	4.54
SANTIAM	59.34	60.94	4.54
OREGON COAST	220.4	220.58	4.54
THE DALLES-CALIFORNIA	74.83	76.75	4.54
OREGON COAST	253.83	254.44	4.54
OREGON COAST	276.22	276.57	4.54
SANTIAM	62.12	62.99	4.54
MCKENZIE-BEND	2.78	3.21	4.54
OREGON COAST	32.25	32.47	4.54

WILLAMETTE	42.83	43.12	4.54
OREGON COAST	98.92	99.49	4.54
OREGON COAST	279.57	280.06	4.54
OREGON COAST	183.97	184.27	4.54
THE DALLES-CALIFORNIA	151.57	152.82	4.54
JOHN DAY	202.6	203.02	4.54
THE DALLES-CALIFORNIA	83.01	83.51	4.54
THE DALLES-CALIFORNIA	87.12	87.28	4.54
OREGON COAST	128.48	128.61	4.54
OREGON COAST	51.35	51.42	4.54
REINHART CREEK FRONT. RD.	311.85	311.9	4.54
WILLAMETTE	74.42	75.49	4.54
OREGON COAST	244.93	245.56	4.54
OREGON COAST	250.26	251.02	4.54
THE DALLES-CALIFORNIA	160.57	160.61	4.54
OREGON COAST	42.2	42.83	4.54
SANTIAM	71.52	71.69	4.54
OREGON COAST	169.98	170.02	4.54
OREGON COAST	50.12	50.25	4.54
OREGON COAST	256.54	257.35	4.54
OREGON COAST	185.36	185.97	4.54
SANTIAM	79.7	79.88	4.54
OREGON COAST	304.6	306.35	4.54
WILLAMETTE	44.72	45.15	4.54
OREGON COAST	178.25	179.74	4.54
SANTIAM	88.2	88.8	4.54
OREGON COAST	251.05	252.28	4.54
THE DALLES-CALIFORNIA	161.74	161.8	4.54
MCKENZIE	96.48	96.81	4.54
JOHN DAY	204.6	207.31	4.54
OREGON COAST	202.24	203.01	4.54
OREGON COAST	243.57	244	4.54
OREGON COAST	169.34	169.98	4.54
WILLAMETTE	47.69	48.69	4.54
SANTIAM	46.78	48.74	4.54
WILLAMETTE	64.23	64.37	4.54
THE DALLES-CALIFORNIA	222.89	223.93	4.54
S CENTURY DRIVE CONN. 1	152.82	153	4.54
WILLAMETTE	43.12	44.7	4.54
SANTIAM	62.99	63.63	4.54
WILLAMETTE	17.3	17.9	4.54
OREGON COAST	244.35	244.48	4.54
THE DALLES-CALIFORNIA	169.84	171.26	4.54
OREGON COAST	159.3	159.5	4.54
SANTIAM	39.92	41.37	4.54
OREGON COAST	220.58	221.36	4.54
OREGON COAST	255.51	255.96	4.54
THE DALLES-CALIFORNIA	152.82	153.33	4.54
OREGON COAST	39.39	40.51	4.54
WILLAMETTE	63.84	64.23	4.54
OREGON COAST	168.4	168.49	4.54
LAKESIDE FRONTAGE RD.	224.1	224.45	4.54
THE DALLES-CALIFORNIA	74.77	74.83	4.54
OREGON COAST	224.24	224.89	4.54
WILLAMETTE	20.65	21.32	4.54
OREGON COAST	243.46	243.57	4.54
OREGON COAST	208.7	208.84	4.54
OREGON COAST	169.04	169.29	4.54
CENTRAL OREGON	26.25	27.23	4.54
WILLAMETTE	18.37	18.82	4.54
WILLAMETTE	16.43	17.1	4.54
OREGON COAST	217.19	217.27	4.54
WILLAMETTE	18.82	20.65	4.54
SANTIAM	92.88	94.91	4.54
OREGON COAST	171.49	172.56	4.54
SANTIAM	37.46	38.21	4.54
OREGON COAST	311.9	311.99	4.54
OREGON COAST	246.36	247.37	4.54
JOHN DAY	200.18	200.36	4.54
OREGON COAST	244	244.06	4.54
THE DALLES-CALIFORNIA	82.07	83.01	4.54
JOHN DAY	200.36	200.4	4.54
CENTRAL OREGON	49.79	52.59	4.54
JOHN DAY	201.97	202.09	4.54
WILLAMETTE	13.53	13.64	4.54
OREGON COAST	203.34	203.62	4.54
THE DALLES-CALIFORNIA	155.45	155.5	4.54

OREGON COAST	283.83	283.9	4.54
OREGON COAST	32.12	32.15	4.54
OREGON COAST	243.29	243.42	4.54
OREGON COAST	333.48	333.75	4.54
THE DALLES-CALIFORNIA	87.28	88.45	4.54
OREGON COAST	245.56	246.33	4.54
WILLAMETTE	32.38	33.4	4.54
SANTIAM	74.59	74.7	4.54
NAMORF FRONTAGE RD.	213.32	214.85	4.54
OREGON COAST	199.17	200.75	4.54
OREGON COAST	39.19	39.28	4.54
OREGON COAST	35.49	36.47	4.54
OREGON COAST	37.79	38.99	4.54
OREGON COAST	249.56	250.02	4.54
WILLAMETTE	21.32	21.61	4.54
OREGON COAST	288	288.09	4.54
OREGON COAST	27.61	28.06	4.54
THE DALLES-CALIFORNIA	153.4	153.67	4.54
OREGON COAST	204.33	204.52	4.54
JOHN DAY	244.49	248.53	4.54
WILLAMETTE	53.95	57.08	4.54
SANTIAM	97.92	98.33	4.54
MCKENZIE	54.4	54.42	4.54
N BANDON FRONTAGE RD.	260.13	260.34	4.54
WILLAMETTE	36.97	37.26	4.54
OREGON COAST	126.22	126.4	4.54
OREGON COAST	104.96	105.21	4.54
OREGON COAST	194.41	195.04	4.54
OREGON COAST	203.08	203.34	4.54
OREGON COAST	33.04	33.1	4.54
SANTIAM	67.91	68.85	4.54
OREGON COAST	39.28	39.39	4.54
WILLAMETTE	25.79	27.25	4.54
THE DALLES-CALIFORNIA	153.33	153.67	4.54
OREGON COAST	74.37	74.63	4.54
SANTIAM	48.74	49.16	4.54
OREGON COAST	103.94	104.92	4.54
WILLAMETTE	66.63	67.4	4.54
OREGON COAST	32.8	32.93	4.54
COOS BAY-ROSEBURG	46.54	47.5	4.54
SALMON RIVER	8.00E-02	0.22	4.54
NORTH SANTIAM	48.09	48.25	4.54
OCHOCO	51.23	51.96	4.54
LOWER COLUMBIA RIVER	55.83	56.05	4.54
SALMON RIVER	10.26	10.37	4.54
COOS BAY-ROSEBURG	25.6	26.4	4.54
CORVALLIS-NEWPORT	3.1	3.47	4.54
COOS BAY-ROSEBURG	47.5	47.6	4.54
WARM SPRINGS	83.95	84.82	4.54
FLORENCE-EUGENE	9.18	10.05	4.54
REDWOOD	41.01	41.15	4.54
MT. HOOD	46.38	46.61	4.54
MT. HOOD	58.04956926	58.06	4.54
JOHN DAY-BURNS	52.22	52.98	4.54
CORVALLIS-NEWPORT	45.66	46.07	4.54
NORTH SANTIAM	76.74	76.97	4.54
WARM SPRINGS	76.23	78.25	4.54
OCHOCO	41.42	43.93	4.54
UMPQUA	18.39	18.61	4.54
NORTH SANTIAM	56.25	56.76	4.54
COOS BAY-ROSEBURG	40.83	43.09	4.54
CORVALLIS-NEWPORT	30.3	30.99	4.54
FLORENCE-EUGENE	18.54	19.33	4.54
FLORENCE-EUGENE	24.42	26.53	4.54
WARM SPRINGS	104.8	105.2	4.54
LOWER COLUMBIA RIVER	75.73	76.63	4.54
SALMON RIVER	0.25	0.33	4.54
NORTH SANTIAM	56.24	56.25	4.54
SUNSET	2.04	2.26	4.54
COOS BAY-ROSEBURG	35.55	37.13	4.54
WARM SPRINGS	57.67266668	57.68	4.54
FLORENCE-EUGENE	42.52	42.6	4.54
MT. HOOD	57.45	57.61	4.54
REDWOOD	22.89	24.02	4.54
WARM SPRINGS	73.2	75.73	4.54
CORVALLIS-NEWPORT	33.35	33.44	4.54
COOS BAY-ROSEBURG	49.36	49.38	4.54

SALMON RIVER	-0.22	-0.11	4.54
COOS BAY-ROSEBURG	34.7	35.11	4.54
UMPQUA WAYSIDE FRONT RD. 2	10.71	11.28	4.54
MT. HOOD	44.79	44.89	4.54
LOWER COLUMBIA RIVER	91.37	92.38	4.54
WARM SPRINGS INTCHG. CONN.	57.534	57.54	4.54
OCHOCO	40.12	41.34	4.54
COOS BAY-ROSEBURG	0.88	1.68	4.54
NORTH SANTIAM	65.17	65.34	4.54
OCHOCO	44.46	45.52	4.54
CORVALLIS-NEWPORT	3.47	4.43	4.54
FLORENCE-EUGENE	34.65	34.9	4.54
LOWER COLUMBIA RIVER	69.04	69.31	4.54
LOWER COLUMBIA RIVER	50.3	51.32	4.54
NORTH SANTIAM	51.25	51.27	4.54
SUNSET	15.4	16.87	4.54
COOS BAY-ROSEBURG	58.59	58.6	4.54
KLAMATH FALLS-LAKEVIEW	32.79	34.23	4.54
LOWER COLUMBIA RIVER	50.26	50.3	4.54
OREGON COAST HWY CONN.	0.25	0.43	4.54
CORVALLIS-NEWPORT	35.44	35.8	4.54
NORTH SANTIAM	26.57	26.67	4.54
WARM SPRINGS	106.03	106.88	4.54
LOWER COLUMBIA RIVER	87.16	87.53	4.54
MT. HOOD	54.23	54.28	4.54
SALMON RIVER	17.92	19.58	4.54
FLORENCE-EUGENE	28.85	29.61	4.54
FLORENCE-EUGENE	2.69	3.31	4.54
WARM SPRINGS	78.32	79.87	4.54
NORTH SANTIAM	61.74	61.89	4.54
CORVALLIS-NEWPORT	27.11	27.32	4.54
BEAR CREEK FRONTAGE RD.	47.6	47.94	4.54
FLORENCE-EUGENE	30.97	31.29	4.54
WARM SPRINGS	68.98	69.45	4.54
JOHN DAY-BURNS	50.96	51.17	4.54
NORTH SANTIAM	60.59	60.62	4.54
CORVALLIS-NEWPORT	47.99	48.48	4.54
NORTH SANTIAM	48.63	49.78	4.54
MT. HOOD	54.54	55.65	4.54
NORTH SANTIAM	42.77	46.63	4.54
REDWOOD	30.09	30.34	4.54
COOS BAY-ROSEBURG	50.26	50.96	4.54
UMPQUA	39.23	40.04	4.54
NORTH SANTIAM	61.89	62.34	4.54
FLORENCE-EUGENE	26.57	28.02	4.54
COOS BAY-ROSEBURG	26.4	26.48	4.54
OCHOCO	45.52	46.2	4.54
NORTH SANTIAM	74.38	75.89	4.54
COOS BAY-ROSEBURG	1.49	1.96	4.54
OCHOCO	48.32	48.83	4.54
LOWER COLUMBIA RIVER	78.25	79.35	4.54
FLORENCE-EUGENE	37.78	40.78	4.54
NORTH SANTIAM	28.43	28.46	4.54
LOWER COLUMBIA RIVER	59.35	59.51	4.54
FLORENCE-EUGENE	11.92	13.09	4.54
OCHOCO	51.96	52.97	4.54
FLORENCE-EUGENE	30.42	30.7	4.54
NORTH SANTIAM	37.22	37.3	4.54
COOS BAY-ROSEBURG	37.13	37.27	4.54
UMPQUA	5.78	6.02	4.54
NORTH SANTIAM	47.71	48.09	4.54
MT. HOOD	57.61	57.8	4.54
SUNSET	-0.1	0.11	4.54
COOS BAY-ROSEBURG	57.79	57.94	4.54
NORTH SANTIAM	50.94	51.25	4.54
FLORENCE-EUGENE	43.94	45.1	4.54
COOS BAY-ROSEBURG	49.93	50.26	4.54
WARM SPRINGS	57.45	57.54	4.54
OCHOCO	49.95	50.03	4.54
LOWER COLUMBIA RIVER	71.02	71.33	4.54
SALMON RIVER	14.6	14.9	4.54
NORTH SANTIAM	37.62	38.01	4.54
OCHOCO	34.82	37.66	4.54
FLORENCE-EUGENE	45.37	46.19	4.54
COOS BAY-ROSEBURG	61.72	62.1	4.54
REDWOOD	21.96	22.65	4.54
UMPQUA WAYSIDE FRONT RD. 1	9.01	9.26	4.54

SALMON RIVER	13.18	13.45	4.54
CORVALLIS-NEWPORT	29.15	29.47	4.54
SUNSET	15.28	15.4	4.54
WARM SPRINGS	70.54	71.13	4.54
COOS BAY-ROSEBURG	1.68	1.89	4.54
NORTH SANTIAM	65.65	66.4	4.54
COOS BAY-ROSEBURG	24.37	24.76	4.54
REDWOOD	21.36	21.46	4.54
LEHI & ELK CREEK FRONT. RD	29.51	29.62	4.54
FLORENCE-EUGENE	28.41	28.85	4.54
KIRK CREEK FRONTAGE RD.	30.59	30.97	4.54
FRONTAGE RD. NO. 2	87.16	87.26	4.54
SALMON RIVER	11.43	12.13	4.54
REDWOOD	41.44	41.69	4.54
COOS BAY-ROSEBURG	26.48	26.79	4.54
LOWER COLUMBIA RIVER	77.3	78.25	4.54
MT. HOOD	46.08	46.38	4.54
NORTH SANTIAM	69.32	69.46	4.54
SUNSET	2.26	2.68	4.54
CORVALLIS-NEWPORT	4.43	4.52	4.54
SALMON RIVER	13.97	14.34	4.54
NORTH SANTIAM	34.39	34.64	4.54
COOS BAY-ROSEBURG	35.11	35.55	4.54
UMPQUA	16.88	17.63	4.54
WARM SPRINGS	71.56	71.94	4.54
LOWER COLUMBIA RIVER	71.33	72.39	4.54
SALMON RIVER	12.13	12.92	4.54
COAST HWY CONN.	0.11	0.19	4.54
REDWOOD	10.02	11.3	4.54
CORVALLIS-NEWPORT	32.81	33.35	4.54
NORTH SANTIAM	78.92	79.67	4.54
WARM SPRINGS	63.33	64.47	4.54
LOWER COLUMBIA RIVER	87.79	88.18	4.54
NORTH SANTIAM	60.79	61.28	4.54
CORVALLIS-NEWPORT	29.51	29.71	4.54
FLORENCE-EUGENE	34.57	34.65	4.54
FLORENCE-EUGENE	20.41	20.94	4.54
NORTH SANTIAM	57.39	57.76	4.54
SUNSET	24.41	26.11	4.54
COOS BAY-ROSEBURG	0.46	0.63	4.54
UMPQUA	44.68	45.08	4.54
FLORENCE-EUGENE	30.7	30.95	4.54
CORVALLIS-NEWPORT	32.79	32.81	4.54
FLORENCE-EUGENE	37.18	37.78	4.54
MT. HOOD	57.2	57.45	4.54
REDWOOD	24.17	24.59	4.54
COOS BAY-ROSEBURG	0.68	1.49	4.54
SALMON RIVER	10.37	11.43	4.54
FLORENCE-EUGENE	31.96	32.44	4.54
WARM SPRINGS	82.55	82.92	4.54
LOWER COLUMBIA RIVER	55	55.83	4.54
NORTH SANTIAM	64.33	65.17	4.54
SUNSET	3.42	4.01	4.54
COOS BAY-ROSEBURG	37.27	37.4	4.54
CORVALLIS-NEWPORT	4.78	5.3	4.54
FLORENCE-EUGENE	32.61	34.09	4.54
FLORENCE-EUGENE	7.73	8.31	4.54
COOS BAY-ROSEBURG	26.79	28.59	4.54
FLORENCE-EUGENE	30.02	30.42	4.54
NORTH SANTIAM	78.78	78.92	4.54
COOS BAY-ROSEBURG	48.77	49.36	4.54
WARM SPRINGS INTCHG. CONN.	57.52	57.68	4.54
CORVALLIS-NEWPORT	29.47	29.51	4.54
WARM SPRINGS	71.27	71.45	4.54
MT. HOOD	45.4	45.74	4.54
NORTH SANTIAM	37.32	37.62	4.54
REDWOOD	21.68	21.96	4.54
FLORENCE-EUGENE	43.1	43.41	4.54
SIUSLAW RD. CONN.	26.53	26.59	4.54
WILLAMINA-SALEM	13.6	15.34	4.54
WARM SPRINGS	69.98	70.54	4.54
OCHOCO	48.88	49.41	4.54
UMPQUA	9.01	9.26	4.54
UMPQUA	6.02	6.42	4.54
WARM SPRINGS	72	73.2	4.54
MT. HOOD	54.22	54.23	4.54
LOWER COLUMBIA RIVER	69.97	70.06	4.54

MT. HOOD	59	59.67	4.54
BEAR CREEK FRONTAGE RD.	47.94	48.76	4.54
NORTH SANTIAM	35.3	35.73	4.54
SOAMS CURVE FRONTAGE RD.	34.09	34.31	4.54
WARM SPRINGS	86.04	86.58	4.54
MT. HOOD	48.58	50.06	4.54
MT. HOOD	57.8	57.81	4.54
CORVALLIS-NEWPORT	9.05	9.44	4.54
CORVALLIS-NEWPORT	27.46	27.74	4.54
JOHN DAY-BURNS	53.55	54.24	4.54
FLORENCE-EUGENE	20.94	23.02	4.54
MT HOOD MEADOWS CONN NO 1	63.87	64	4.54
CORVALLIS-NEWPORT	48.48	48.61	4.54
NORTH SANTIAM	38.01	39.71	4.54
MT. HOOD	45.74	45.95	4.54
UMPQUA	38.83	39.23	4.54
LOWER COLUMBIA RIVER	52.98	53.41	4.54
NORTH SANTIAM	67.87	69.24	4.54
CORVALLIS-NEWPORT	24.58	25.38	4.54
COOS BAY-ROSEBURG	29.47	30.05	4.54
WARM SPRINGS	71.45	71.58	4.54
COUNTY RD. CONN.	52.98	53.04	4.54
MT. HOOD	57.52	57.8	4.54
SALMON RIVER	8.22	9.67	4.54
NORTH SANTIAM	26.43	26.57	4.54
OCHOCO	52.97	56.88	4.54
JOHN DAY-BURNS	51.17	52.22	4.54
SUNSET	20.41	20.47	4.54
COOS BAY-ROSEBURG	24.89	25.6	4.54
WAPINITIA	0.22	0.26	4.54
MT. HOOD	61.91	63.47	4.54
NORTH SANTIAM	42.73	42.77	4.54
OCHOCO	43.93	44.06	4.54
CORVALLIS-NEWPORT	29.71	30.3	4.54
WARM SPRINGS	71.29	71.45	4.54
LOWER COLUMBIA RIVER	52.93	52.98	4.54
FLORENCE-EUGENE	42.51	42.52	4.54
COOS BAY-ROSEBURG	43.09	43.25	4.54
UMPQUA	47.83	47.89	4.54
LOWER COLUMBIA RIVER	57.4	59.35	4.54
NORTH SANTIAM	26.67	26.98	4.54
WARM SPRINGS	102.84	103.27	4.54
NORTH SANTIAM	58.54	59.75	4.54
FLORENCE-EUGENE	7.27	7.73	4.54
NORTH SANTIAM	70.04	73.85	4.54
SUNSET	0.5	1.28	4.54
OCHOCO	48.16	48.32	4.54
MT HOOD MEADOWS CONN NO 2	63.74	63.86	4.54
COOS BAY-ROSEBURG	30.05	30.5	4.54
UMPQUA	16.3	16.34	4.54
LOWER COLUMBIA RIVER	59.51	60.55	4.54
NORTH SANTIAM	35.73	37.22	4.54
NORTH SANTIAM	78.3	78.78	4.54
WARM SPRINGS	64.47	64.49	4.54
MT. HOOD	57.2	57.52	4.54
MT. HOOD	55.68	55.71	4.54
LOWER COLUMBIA RIVER	76.63	77.3	4.54
NORTH SANTIAM	41.5	42.67	4.54
WARM SPRINGS	64.49	66.41	4.54
LOWER COLUMBIA RIVER	38.35	38.58	4.54
COOS BAY-ROSEBURG	1.14E-13	0.67	4.54
UMPQUA	40.93	41.98	4.54
NORTH SANTIAM	69.24	69.32	4.54
COOS BAY-ROSEBURG	43.25	44.95	4.54
OCHOCO	37.66	40.02	4.54
REDWOOD	21.59	21.68	4.54
OCHOCO	75.23	77.54	4.54
FLORENCE-EUGENE	11.3	11.92	4.54
WILLAMINA-SALEM	4.18	4.64	4.54
WARM SPRINGS	71.21	71.29	4.54
LOWER COLUMBIA RIVER	69.95	69.97	4.54
FLORENCE-EUGENE	34.26	34.57	4.54
NORTH SANTIAM	77.09	78.3	4.54
FLORENCE-EUGENE	29.65	29.85	4.54
SUNSET	30.75	30.91	4.54
COOS BAY-ROSEBURG	45.12	45.7	4.54
WARM SPRINGS	79.87	81.86	4.54

COOS BAY-ROSEBURG	57.94	58.17	4.54
NORTH SANTIAM	76.57	76.74	4.54
CORVALLIS-NEWPORT	31.94	32	4.54
NORTH SANTIAM	33.86	34.39	4.54
FLORENCE-EUGENE	34.95	34.96	4.54
COOS BAY-ROSEBURG	50.96	51.23	4.54
LOWER COLUMBIA RIVER	39.07	39.91	4.54
SALMON RIVER	9.69	10.26	4.54
NORTH SANTIAM	66.4	66.45	4.54
COOS BAY-ROSEBURG	40.68	40.83	4.54
SALMON RIVER	9.67	9.69	4.54
NORTH SANTIAM	73.85	74.38	4.54
COOS BAY-ROSEBURG	33.89	34.33	4.54
SUNSET	22.24	24.41	4.54
CORVALLIS-NEWPORT	14.89	15.69	4.54
WARM SPRINGS	75.73	76.23	4.54
LOWER COLUMBIA RIVER	69.31	69.95	4.54
WAPINITIA	0.17	0.28	4.54
SALMON RIVER	-0.11	8.00E-02	4.54
NORTH SANTIAM	60.62	60.79	4.54
LOWER COLUMBIA RIVER	67.02	67.18	4.54
FLORENCE-EUGENE	19.33	20.41	4.54
NORTH SANTIAM	81.53	81.81	4.54
SUNSET	29.95	30.55	4.54
COOS BAY-ROSEBURG	56.25	56.9	4.54
MT. HOOD	55.65	55.68	4.54
UMPQUA	20.28	22.75	4.54
NORTH SANTIAM	55.98	56.17	4.54
COOS BAY-ROSEBURG	24.76	24.89	4.54
NORTH SANTIAM	39.71	41.5	4.54
FLORENCE-EUGENE	29.61	29.65	4.54
FLORENCE-EUGENE	11.07	11.3	4.54
WARM SPRINGS	69.45	69.98	4.54
NORTH SANTIAM	46.7	46.96	4.54
OCHOCO	50.6	51.23	4.54
COOS BAY-ROSEBURG	1.89	2.16	4.54
WARM SPRINGS	105.2	105.35	4.54
LOWER COLUMBIA RIVER	50.25	50.26	4.54
FLORENCE-EUGENE	31.77	31.96	4.54
SUNSET	19.53	19.67	4.54
COOS BAY-ROSEBURG	34.33	34.7	4.54
UMPQUA	15	15.7	4.54
WARM SPRINGS	59.8	61.85	4.54
CORVALLIS-NEWPORT	46.89	47.07	4.54
NORTH SANTIAM	31.95	32.13	4.54
SUNSET	19.67	20.27	4.54
WARM SPRINGS	57.54	57.75	4.54
UMPQUA	18.61	18.7	4.54
NORTH SANTIAM	57.76	58.54	4.54
KLAMATH FALLS-LAKEVIEW	32.3	32.79	4.54
NORTH SANTIAM	48.48	48.63	4.54
SUNSET	0.11	0.43	4.54
WARM SPRINGS	71.45	71.56	4.54
UMPQUA	3.66	5.78	4.54
MT. HOOD	54.28	54.54	4.54
NORTH SANTIAM	66.45	66.5	4.54
REDWOOD	22.65	22.89	4.54
FLORENCE-EUGENE	10.39	11.07	4.54
NORTH SANTIAM	42.67	42.73	4.54
SUNSET	17.95	18.04	4.54
JOHN DAY-BURNS	52.98	53.37	4.54
SUNSET	20.47	21.66	4.54
UMPQUA	7.53	9.01	4.54
LOWER COLUMBIA RIVER	67.18	67.84	4.54
NORTH SANTIAM	80.77	81.53	4.54
WARM SPRINGS	62.16	63.33	4.54
LOWER COLUMBIA RIVER	79.76	80.35	4.54
MT. HOOD	44.89	45.4	4.54
NORTH SANTIAM	48.25	48.48	4.54
OCHOCO	44.06	44.46	4.54
REDWOOD	12.8	14.16	4.54
SUMMIT FRONTAGE RD.	30.3	31.24	4.54
WARM SPRINGS	89.36	91.71	4.54
LOWER COLUMBIA RIVER	35.86	36.25	4.54
NORTH SANTIAM	56.76	57.39	4.54
LOWER COLUMBIA RIVER	73.33	74.9	4.54
SALMON RIVER	14.34	14.6	4.54

NORTH SANTIAM	66.85	67.87	4.54
CORVALLIS-NEWPORT	32	32.79	4.54
FLORENCE-EUGENE	45.1	45.37	4.54
LOWER COLUMBIA RIVER	56.8	57.25	4.54
CORVALLIS-NEWPORT	48.61	49.03	4.54
NORTH SANTIAM	79.78	80.77	4.54
SUNSET	26.11	27.01	4.54
WARM SPRINGS	81.86	82.54	4.54
MT. HOOD	57.95	59	4.54
NORTH SANTIAM	33.57	33.86	4.54
SUNSET	42.35	43.98	4.54
N. FORK SIUSLAW RIVER F RD	1.22	1.27	4.54
FLORENCE-EUGENE	42.29	42.51	4.54
SALMON RIVER	0.22	0.25	4.54
NORTH SANTIAM	76.97	77.09	4.54
SUNSET	4.01	4.7	4.54
UMPQUA	9.26	10.71	4.54
COUNTY RD. CONN.	80.35	80.4	4.54
COOS BAY-ROSEBURG	28.59	28.7	4.54
LOWER COLUMBIA RIVER	86.64	87.16	4.54
JOHN DAY-BURNS	48.32	49.26	4.54
FLORENCE-EUGENE	42.6	42.65	4.54
SUNSET	18.04	18.15	4.54
UMPQUA	13.2	14.93	4.54
WARM SPRINGS	104.49	104.8	4.54
CORVALLIS-NEWPORT	14.5	14.89	4.54
NORTH SANTIAM	79.67	79.78	4.54
FLORENCE-EUGENE	43.41	43.85	4.54
WARM SPRINGS	105.52	106.03	4.54
NORTH SANTIAM	59.75	60.59	4.54
CORVALLIS-NEWPORT	24.25	24.58	4.54
WARM SPRINGS	71.13	71.21	4.54
LOWER COLUMBIA RIVER	40.8	41.9	4.54
JOHN DAY-BURNS	54.24	55.41	4.54
SUNSET	29.9	29.95	4.54
COOS BAY-ROSEBURG	49.38	49.93	4.54
SUNSET	20.27	20.41	4.54
COOS BAY-ROSEBURG	46.24	46.53	4.54
COOS BAY-ROSEBURG	55.57	55.72	4.54
MT. HOOD	55.71	55.74	4.54
NORTH SANTIAM	46.63	46.7	4.54
COOS BAY-ROSEBURG	40.53	40.68	4.54
CUL-DE-SAC FRONTAGE RD.	34.57	34.77	4.54
WARM SPRINGS	82.92	83.8	4.54
LOWER COLUMBIA RIVER	92.38	92.64	4.54
OCHOCO	46.2	46.29	4.54
CORVALLIS-NEWPORT	2.42	3.1	4.54
WARM SPRINGS	78.25	78.32	4.54
FLORENCE-EUGENE	24.26	24.42	4.54
WARM SPRINGS	66.41	68.2	4.54
LOWER COLUMBIA RIVER	79.35	79.76	4.54
NORTH SANTIAM	65.34	65.65	4.54
CORVALLIS-NEWPORT	26.25	26.87	4.54
COOS BAY-ROSEBURG	31.44	32.23	4.54
JOHN DAY-BURNS	55.41	60.77	4.54
FLORENCE-EUGENE	29.85	30.02	4.54
WAPINITIA	0.18	0.22	4.54
UMPQUA	47.89	49.22	4.54
COOS BAY-ROSEBURG	47.6	48.2	4.54
LOWER COLUMBIA RIVER	63.47	63.69	4.54
NORTH SANTIAM	54.8	55.88	4.54
NORTH SANTIAM	26.98	28.43	4.54
COOS BAY-ROSEBURG	0.67	0.88	4.54
NORTH SANTIAM	51.72	52.96	4.54
FLORENCE-EUGENE	17.51	18.19	4.54
MT. HOOD	57.81	57.95	4.54
LOWER COLUMBIA RIVER	38.58	39.07	4.54
SALMON RIVER	14.9	15.19	4.54
SUNSET	21.66	21.86	4.54
UMPQUA	17.63	18.39	4.54
WARM SPRINGS	71.13	71.27	4.54
COUNTY RD. CONN.	86.52	86.57	4.54
COOS BAY-ROSEBURG	1.14E-13	0.46	4.54
LOWER COLUMBIA RIVER	57.25	57.4	4.54
SUNSET	30.55	30.75	4.54
UMPQUA	24.69	28.23	4.54
COOS BAY-ROSEBURG	58.44	58.59	4.54

NORTH SANTIAM	55.88	55.98	4.54
FLORENCE-EUGENE	8.53	8.87	4.54
NORTH SANTIAM	34.64	35.15	4.54
WARM SPRINGS	105.35	105.52	4.54
OCHOCO	50.03	50.6	4.54
MT. HOOD	59.67	59.81	4.54
NORTH SANTIAM	66.5	66.85	4.54
CORVALLIS-NEWPORT	4.52	4.78	4.54
SUNSET	1.28	2.04	4.54
MT HOOD MEADOWS CONN NO 3	64.04	64.27	4.54
FLORENCE-EUGENE	30.95	30.97	4.54
UMPQUA	13.18	13.2	4.54
MT. HOOD HWY CONN.	57.75	58.06	4.54
WAUNA CONN. NO. 4	72.86	73.04	4.54
MT. HOOD	45.95	46.08	4.54
MT. HOOD	55.74	56.11	4.54
SALMON RIVER	13.45	13.97	4.54
NORTH SANTIAM	51.27	51.72	4.54
CORVALLIS-NEWPORT	28.8	29.11	4.54
NORTH SANTIAM	30.68	31.34	4.54
OCHOCO	49.41	49.95	4.54
MT. HOOD HWY CONN.	57.8	57.81	4.54
NORTH SANTIAM	56.17	56.24	4.54
OCHOCO	48.83	48.88	4.54
CORVALLIS-NEWPORT	30.99	31.94	4.54
CORVALLIS-NEWPORT	35	35.44	4.54
FLORENCE-EUGENE	28.02	28.41	4.54
FLORENCE-EUGENE	3.48	7.27	4.54
COOS BAY-ROSEBURG	46.53	46.54	4.54
FLORENCE-EUGENE	8.87	9.08	4.54
FREMONT	1.14E-13	0.14	4.54
LOWER COLUMBIA RIVER	37.25	38.35	4.54
OCHOCO	40.02	40.12	4.54
NORTH SANTIAM	61.28	61.74	4.54
SUNSET	30.91	31.61	4.54
COUNTY RD. CONN.	28.02	28.15	4.54
WARM SPRINGS	84.82	86.04	4.54
FLORENCE-EUGENE	34.09	34.26	4.54
SALMON RIVER	12.92	13.18	4.54
NORTH SANTIAM	69.46	70.04	4.54
JOHN DAY-BURNS	49.26	50.96	4.54
NORTH SANTIAM	35.15	35.3	4.54
UMPQUA	10.71	11.28	4.54
COOS BAY-ROSEBURG	23.72	24.37	4.54
LOWER COLUMBIA RIVER	87.53	87.75	4.54
SANTIAM JUNCTION CONN.	81.49	81.62	4.54
COOS BAY-ROSEBURG	44.95	45.12	4.54
NORTH SANTIAM	37.3	37.32	4.54
FLORENCE-EUGENE	18.19	18.54	4.54
WARM SPRINGS	82.54	82.55	4.54
LOWER COLUMBIA RIVER	87.75	87.79	4.54
NORTH SANTIAM	62.34	64.33	4.54
CORVALLIS-NEWPORT	42.47	43.61	4.54
FLORENCE-EUGENE	26.53	26.57	4.54
FLORENCE-EUGENE	23.02	23.31	4.54
FREMONT	0.14	1.73	4.54
NORTH SANTIAM	75.89	76.57	4.54
UMPQUA	16.34	16.57	4.54
THE DALLES-CALIF HWY CONN.	0.14	0.25	4.54
REDWOOD	41.15	41.44	4.54
UMPQUA	11.28	13.18	4.54
WARM SPRINGS	68.2	68.98	4.54
FLORENCE-EUGENE	23.31	24.26	4.54
CORVALLIS-NEWPORT	27.32	27.46	4.54
NORTH SANTIAM	31.34	31.95	4.54
UMPQUA	15.7	16.3	4.54
WARM SPRINGS	83.8	83.95	4.54
COOS BAY-ROSEBURG	58.6	59.51	4.54
CORVALLIS-NEWPORT	25.38	25.51	4.54
NORTH SANTIAM	28.46	29.05	4.54
WARM SPRINGS	57.75	59.77	4.54
OCHOCO	47.28	48.16	4.54
OCHOCO	41.34	41.42	4.54
LOWER COLUMBIA RIVER	75.07	75.73	4.54
COOS BAY-ROSEBURG	0.63	0.68	4.54
JOHN DAY-BURNS	46.67	48.32	4.54
SUNSET	18.15	19.53	4.54

REDWOOD	36.73	37.45	4.54
NORTH SANTIAM	46.96	47.71	4.54
SUNSET	14.14	15.28	4.54
CORVALLIS-NEWPORT	11.64	11.92	4.54
FLORENCE-EUGENE	31.29	31.77	4.54
COOS BAY-ROSEBURG	58.17	58.44	4.54
WARM SPRINGS	107.82	108.88	4.54
JOHN DAY-BURNS	53.37	53.55	4.54
MT. HOOD	65.63	67.18	4.54
SUNSET	31.61	32.16	4.54
COOS BAY-ROSEBURG	45.7	46.24	4.54
CHILOQUIN	3.18	3.24	4.54
CLEAR LAKE-BELKNAP SPRINGS	5.6	5.66	4.54
CLEAR LAKE-BELKNAP SPRINGS	1.88	2.04	4.54
CLEAR LAKE-BELKNAP SPRINGS	13.95	14.54	4.54
CLEAR LAKE-BELKNAP SPRINGS	14.8	17.17	4.54
CLEAR LAKE-BELKNAP SPRINGS	1.14E-13	0.19	4.54
CLEAR LAKE-BELKNAP SPRINGS	3.71	4.66	4.54
TIMBERLINE	5.32	5.49	4.54
CLEAR LAKE-BELKNAP SPRINGS	2.68	3.35	4.54
LAKE OF THE WOODS	38.75	40.8	4.54
CLEAR LAKE-BELKNAP SPRINGS	18.83	19.81	4.54
LAKE OF THE WOODS	35.74	36.3	4.54
CLEAR LAKE-BELKNAP SPRINGS	5.66	8.04	4.54
LAKE OF THE WOODS	22.54	23.34	4.54
CLEAR LAKE-BELKNAP SPRINGS	10.16	10.76	4.54
CLEAR LAKE-BELKNAP SPRINGS	11.59	12.01	4.54
CLEAR LAKE-BELKNAP SPRINGS	4.66	5.22	4.54
LAKE OF THE WOODS	23.34	24.37	4.54
CLEAR LAKE-BELKNAP SPRINGS	17.31	17.37	4.54
CLEAR LAKE-BELKNAP SPRINGS	2.04	2.68	4.54
CLEAR LAKE-BELKNAP SPRINGS	12.01	12.56	4.54
CLEAR LAKE-BELKNAP SPRINGS	12.56	12.9	4.54
CLEAR LAKE-BELKNAP SPRINGS	17.37	18.81	4.54
CLEAR LAKE-BELKNAP SPRINGS	12.9	13.02	4.54
UMATILLA MISSION	1.14E-13	1.66	4.54
LAKE OF THE WOODS	19.99	20.2	4.54
ANTELOPE	1.14E-13	0.71	4.54
CLEAR LAKE-BELKNAP SPRINGS	14.54	14.8	4.54
CLEAR LAKE-BELKNAP SPRINGS	17.17	17.31	4.54
CLEAR LAKE-BELKNAP SPRINGS	13.66	13.95	4.54
CLEAR LAKE-BELKNAP SPRINGS	13.02	13.66	4.54
CLEAR LAKE-BELKNAP SPRINGS	5.00E-02	1.03	4.54
CLEAR LAKE-BELKNAP SPRINGS	1.5	1.6	4.54
CLEAR LAKE-BELKNAP SPRINGS	5.22	5.6	4.54
LAKE OF THE WOODS	32.52	33.81	4.54
CLEAR LAKE-BELKNAP SPRINGS	8.04	8.43	4.54
LAKE OF THE WOODS	31.17	32.25	4.54
LAKE OF THE WOODS	35.53	35.66	4.54
CULVER	10.83	11.62	4.54
POWERS JCT. CONN.	0.13	0.38	4.54
CLEAR LAKE-BELKNAP SPRINGS	10.76	11.59	4.54
I.O.N.	95.46	98.25	4.54
LAKE OF THE WOODS	20.2	22.54	4.54
CLEAR LAKE-BELKNAP SPRINGS	8.43	10.16	4.54
LAKE OF THE WOODS	24.37	25.51	4.54
CLEAR LAKE-BELKNAP SPRINGS	18.81	18.83	4.54
LAKE OF THE WOODS	33.81	35.53	4.54
CLEAR LAKE-BELKNAP SPRINGS	1.14E-13	5.00E-02	4.54
CLEAR LAKE-BELKNAP SPRINGS	1.6	1.88	4.54
LAKE OF THE WOODS	37.72	38.75	4.54
CLEAR LAKE-BELKNAP SPRINGS	3.35	3.71	4.54
LAKE OF THE WOODS	32.25	32.52	4.54
CLEAR LAKE-BELKNAP SPRINGS	1.03	1.5	4.54
LAKE OF THE WOODS	25.51	28.41	4.54
CENTRAL OREGON	266.47	266.52	4.53
NORTH UMPQUA HIGHWAY EAST	15.32	15.54	4.53
NORTH UMPQUA HIGHWAY EAST	5.67	5.69	4.53
NORTH UMPQUA HIGHWAY EAST	4.6	5.67	4.53
CLACKAMAS	22.23	22.24	4.53
OREGON COAST	301.03	301.14	4.36
OREGON COAST	300.99	301.02	4.36
OREGON COAST	273.69	273.8	4.36
OREGON COAST	274.48	274.54	4.36
OREGON COAST	274.11	274.29	4.36
OREGON COAST	274.42	274.48	4.36
OREGON COAST	273.94	273.98	4.36

OREGON COAST	328.67	328.69	4.36
OREGON COAST	301.02	301.03	4.36
OREGON COAST	274.01	274.09	4.36
OREGON COAST	212.53	212.61	4.36
OREGON COAST	328.31	328.48	4.36
OREGON COAST	212.69	212.79	4.36
OREGON COAST	212.61	212.69	4.36
OREGON COAST	274.35	274.42	4.36
OREGON COAST	329.56	329.64	4.36
OREGON COAST	300.93	300.99	4.36
OREGON COAST	301.23	301.3	4.36
OREGON COAST	274.29	274.35	4.36
OREGON COAST	212.45	212.53	4.36
OREGON COAST	212.37	212.45	4.36
OREGON COAST	328.69	328.74	4.36
OREGON COAST	301.14	301.2	4.36
OREGON COAST	329.47	329.56	4.36
OREGON COAST	301.2	301.23	4.36
OREGON COAST	274.09	274.11	4.36
OREGON COAST	328.6	328.67	4.36
OREGON COAST	274.54	274.6	4.36
OREGON COAST	273.98	274.01	4.36
OREGON COAST	328.48	328.52	4.36
OREGON COAST	329.42	329.47	4.36
OREGON COAST	273.89	273.94	4.36
OREGON COAST	328.52	328.6	4.36
OREGON COAST	273.8	273.89	4.36
OREGON COAST	328.26	328.31	4.36
COOS BAY-ROSEBURG	20.99	21.05	4.36
PACIFIC HIGHWAY EAST	17.8	18.57	4.36
COOS BAY-ROSEBURG	21.15	21.38	4.36
COOS BAY-ROSEBURG	21.05	21.07	4.36
PACIFIC HIGHWAY EAST	18.57	18.96	4.36
COOS BAY-ROSEBURG	21.48	21.56	4.36
COOS BAY-ROSEBURG	21.07	21.1	4.36
COOS BAY-ROSEBURG	21.38	21.48	4.36
COOS BAY-ROSEBURG	21.1	21.15	4.36
COOS BAY-ROSEBURG	20.85	20.99	4.36
PORT ORFORD	0.69	0.76	4.36
CLACKAMAS	20.35	20.75	4.36
CLACKAMAS	19.79	20.35	4.36
OREGON COAST	301.54	301.78	4.26
OREGON COAST	44.36	44.42	4.26
JOHN DAY	266.72	266.88	4.26
OREGON COAST	292.27	293.48	4.26
JOHN DAY	212.87	213.36	4.26
CENTRAL OREGON	258.12	258.2	4.26
OREGON-WASHINGTON	14.82	16.07	4.26
WALLOWA LAKE	19.62	19.73	4.26
OREGON COAST	49.46	49.49	4.26
OREGON COAST	278.14	278.16	4.26
OREGON COAST	88.28	89.16	4.26
THE DALLES-CALIFORNIA	184.48	184.94	4.26
OREGON-WASHINGTON	16.43	16.84	4.26
WILLAMETTE	4.76	5.09	4.26
OREGON COAST	274.85	274.9	4.26
OREGON COAST	56.27	56.36	4.26
MCKENZIE-BEND	5.96	6.08	4.26
WALLOWA LAKE	46.13	46.33	4.26
OREGON COAST	49.4	49.46	4.26
OREGON COAST	160.72	160.75	4.26
OREGON COAST	278.31	279.01	4.26
OREGON COAST	274.97	275.02	4.26
OREGON COAST	49.37	49.4	4.26
OREGON COAST	160.96	161	4.26
WALLOWA LAKE	47.64	47.72	4.26
CENTRAL OREGON	257.2	257.83	4.26
COLUMBIA RIVER	175.87	175.92	4.26
OREGON-WASHINGTON	16.07	16.25	4.26
OREGON-WASHINGTON	17.32	17.52	4.26
OREGON COAST	44.29	44.36	4.26
WALLOWA LAKE	63.95	64.49	4.26
CENTRAL OREGON	132.36	133.03	4.26
WALLOWA LAKE	46.37	46.45	4.26
OREGON COAST	329.84	329.96	4.26
CENTRAL OREGON	246.82	246.84	4.26
OREGON COAST	274.8	274.85	4.26

MCKENZIE-BEND	0.16	1.36	4.26
WALLOWA LAKE	70.55	71.07	4.26
COLUMBIA RIVER	176.14	176.21	4.26
OREGON COAST	49.49	49.57	4.26
CENTRAL OREGON	128.49	128.73	4.26
OREGON COAST	48.31	48.55	4.26
JOHN DAY	265.44	266.71	4.26
OREGON COAST	56.36	56.41	4.26
OREGON COAST	274.9	274.95	4.26
CENTRAL OREGON	129.31	129.43	4.26
OREGON COAST	49.57	49.73	4.26
WALLOWA LAKE	20.56	20.66	4.26
WALLOWA LAKE	19.07	19.52	4.26
OREGON COAST	69.61	71.64	4.26
CENTRAL OREGON	128.96	129.01	4.26
WILLAMETTE	3.32	3.65	4.26
JOHN DAY	266.71	266.72	4.26
OREGON COAST	54.88	55.14	4.26
WALLOWA LAKE	65.87	67.28	4.26
OREGON COAST	68.64	69.42	4.26
WILLAMETTE	5.73	5.78	4.26
COLUMBIA RIVER	176.21	176.36	4.26
JOHN DAY	212.33	212.37	4.26
JOHN DAY	128.68	130.35	4.26
OREGON COAST	161	161.04	4.26
COLUMBIA RIVER	175.92	175.97	4.26
OREGON COAST	275.02	275.16	4.26
JOHN DAY	212.3	212.33	4.26
OREGON COAST	49.31	49.37	4.26
JOHN DAY	211.61	212.26	4.26
OREGON COAST	56.2	56.27	4.26
COLUMBIA RIVER	174.46	174.76	4.26
OREGON COAST	160.75	160.93	4.26
JOHN DAY	162.62	164.89	4.26
THE DALLES-CALIFORNIA	182.72	184.04	4.26
OREGON COAST	274.95	274.97	4.26
WILLAMETTE	4.54	4.76	4.26
OREGON COAST	54.83	54.88	4.26
WALLOWA LAKE	20.66	22.21	4.26
OREGON COAST	298.99	299.82	4.26
JOHN DAY	211.57	211.61	4.26
OREGON COAST	43.96	44.29	4.26
OREGON COAST	329.81	329.84	4.26
WILLAMETTE	3.65	3.75	4.26
OREGON COAST	48.74	49.03	4.26
COLUMBIA RIVER	174.26	174.46	4.26
WALLOWA LAKE	47.58	47.64	4.26
JOHN DAY	210.54	211.47	4.26
CENTRAL OREGON	128.75	128.91	4.26
OREGON COAST	160.31	160.44	4.26
COLUMBIA RIVER	176.36	176.61	4.26
WALLOWA LAKE	19.52	19.62	4.26
WALLOWA LAKE	46.45	46.59	4.26
OREGON COAST	69.42	69.59	4.26
CENTRAL OREGON	129.43	129.46	4.26
OREGON COAST	89.16	89.35	4.26
MCKENZIE-BEND	5.55	5.96	4.26
OREGON COAST	294.06	294.66	4.26
OREGON-WASHINGTON	16.38	16.43	4.26
OREGON COAST	159.99	160.31	4.26
OREGON-WASHINGTON	16.25	16.34	4.26
CENTRAL OREGON	256.94	257.2	4.26
CENTRAL OREGON	246.8	246.82	4.26
OREGON COAST	278.05	278.14	4.26
JOHN DAY	175.58	177.14	4.26
JOHN DAY	212.45	212.48	4.26
COLUMBIA RIVER	174.76	175.04	4.26
OREGON COAST	49.28	49.31	4.26
WILLAMETTE	2.64	3.15	4.26
OREGON COAST	160.93	160.96	4.26
CENTRAL OREGON	257.83	258.12	4.26
CENTRAL OREGON	246.84	247.29	4.26
MCKENZIE-BEND	5.3	5.53	4.26
CENTRAL OREGON	244.31	245.48	4.26
OREGON COAST	49.16	49.28	4.26
JOHN DAY	212.37	212.45	4.26
THE DALLES-CALIFORNIA	184.04	184.27	4.26

WALLOWA LAKE	47.72	50.1	4.26
JOHN DAY	212.26	212.3	4.26
CENTRAL OREGON	129.22	129.31	4.26
WALLOWA LAKE	46.33	46.37	4.26
OREGON COAST	277.58	278.05	4.26
COLUMBIA RIVER	176.1	176.14	4.26
MCKENZIE-BEND	4.93	5.3	4.26
COLUMBIA RIVER	176.61	176.66	4.26
OREGON COAST	160.6	160.72	4.26
OREGON COAST	48.55	48.74	4.26
OREGON COAST	278.16	278.31	4.26
COLUMBIA RIVER	175.97	176.1	4.26
WALLOWA LAKE	19.96	20.04	4.26
CENTRAL OREGON	128.73	128.74	4.26
OREGON-WASHINGTON	16.84	17.32	4.26
JOHN DAY	131.44	131.94	4.26
OREGON COAST	159.71	159.99	4.26
JOHN DAY	212.48	212.87	4.26
OREGON COAST	276.93	277.58	4.26
OREGON COAST	160.44	160.6	4.26
MCKENZIE-BEND	5.53	5.55	4.26
OREGON COAST	44.42	44.69	4.26
CENTRAL OREGON	128.91	128.96	4.26
OREGON COAST	49.03	49.16	4.26
CENTRAL OREGON	132.11	132.36	4.26
MCKENZIE-BEND	13.08	13.72	4.26
W. PLEASANT HILL FRONT. RD	5.63	5.73	4.26
JOHN DAY	266.88	267.96	4.26
CENTRAL OREGON	258.2	258.67	4.26
OREGON COAST	69.59	69.61	4.26
WILLAMETTE	3.15	3.32	4.26
OREGON COAST	89.35	89.77	4.26
WALLOWA LAKE	65.74	65.87	4.26
CENTRAL OREGON	128.4	128.49	4.26
CENTRAL OREGON	128.74	128.75	4.26
THE DALLES-CALIFORNIA	184.27	184.48	4.26
FREMONT	142.63	142.84	4.26
FREMONT	142.9	142.97	4.26
UMPQUA	50.67	50.89	4.26
NORTH SANTIAM	8.56	8.95	4.26
LOWER COLUMBIA RIVER	84.07	84.43	4.26
SHERMAN	19.48	19.56	4.26
JOHN DAY-BURNS	0.55	0.71	4.26
SHERMAN	28	28.05	4.26
PENDLETON-JOHN DAY	11.98	14.55	4.26
UMPQUA	50.89	50.98	4.26
HISTORIC COLUMBIA RIVER	30.25	30.33	4.26
MT. HOOD	85.02	85.07	4.26
NORTH SANTIAM	29.73	29.81	4.26
OCHOCO	7.35	7.84	4.26
CORVALLIS-NEWPORT	39.09	39.15	4.26
JOHN DAY-BURNS	0.5	0.55	4.26
KLAMATH FALLS-LAKEVIEW	53.96	54.03	4.26
KLAMATH FALLS-LAKEVIEW	23.76	24.44	4.26
JOHN DAY-BURNS	1.26	1.4	4.26
FLORENCE-EUGENE	14.414	14.42	4.26
FREMONT	144.04	144.06	4.26
NORTH SANTIAM	30.42	30.46	4.26
CORVALLIS-NEWPORT	39.39	39.52	4.26
JOHN DAY-BURNS	1.65	1.73	4.26
KLAMATH FALLS-MALIN	13.59	13.63	4.26
MT. HOOD	84.96	85.02	4.26
CORVALLIS-NEWPORT	38.95	39.09	4.26
SWEDETOWN RD. CONN. NO. 3	60.94	60.98	4.26
UMPQUA	51.09	51.15	4.26
WILSON RIVER HWY CONN NO 2	83.84	83.95	4.26
KLAMATH FALLS-LAKEVIEW	54.03	54.18	4.26
SHERMAN	26.88	27.54	4.26
FREMONT	144.17	144.2	4.26
NEHALEM HWY. CONN. NO. 2	49.1	49.23	4.26
MT. HOOD	83.97	84.69	4.26
JOHN DAY-BURNS	0.84	0.9	4.26
SUNSET	55.43	56.98	4.26
FREMONT	144.32	144.45	4.26
COOS BAY-ROSEBURG	54.4	54.9	4.26
MT. HOOD	101.14	101.24	4.26
LOWER COLUMBIA RIVER	94.41	94.47	4.26

COOS BAY-ROSEBURG	55.18	55.21	4.26
HISTORIC COLUMBIA RIVER	30	30.31	4.26
KLAMATH FALLS-LAKEVIEW	54.18	54.55	4.26
NORTH SANTIAM	30.37	30.42	4.26
KLAMATH FALLS-LAKEVIEW	54.55	54.74	4.26
MT. HOOD	88.97	89.29	4.26
OCHOCO	66.78	68.78	4.26
NORTH SANTIAM	29.96	30.03	4.26
COOS BAY-ROSEBURG	54.94	55.18	4.26
MT. HOOD	85.07	85.09	4.26
LOWER COLUMBIA RIVER	83.45	83.58	4.26
CORVALLIS-NEWPORT	39.28	39.39	4.26
REDWOOD	27.38	27.57	4.26
NEHALEM	83.85	84	4.26
OCHOCO	8.85	9.35	4.26
JOHN DAY-BURNS	0.28	0.42	4.26
JOHN DAY-BURNS	24.75	24.83	4.26
KLAMATH FALLS-LAKEVIEW	95.57	95.64	4.26
COOS BAY-ROSEBURG	55.5	55.57	4.26
REDWOOD	27.02	27.31	4.26
KLAMATH FALLS-MALIN	12.36	13.59	4.26
CORVALLIS-NEWPORT	39.15	39.23	4.26
FREMONT	144.06	144.17	4.26
MT. HOOD	101.24	101.52	4.26
WILSON RIVER	48.97	49.1	4.26
KLAMATH FALLS-LAKEVIEW	24.44	25.17	4.26
REDWOOD	26.37	26.42	4.26
MILL CITY CONN.	30.03	30.07	4.26
SHERMAN	28.05	28.2	4.26
CORVALLIS-NEWPORT	38.82	38.95	4.26
NEHALEM HWY. CONN. NO. 1	49.1	49.23	4.26
MT. HOOD	88.59	88.72	4.26
COOS BAY-ROSEBURG	54.9	54.94	4.26
JOHN DAY-BURNS	1.73	1.74	4.26
PENDLETON-JOHN DAY	16.02	16.14	4.26
JOHN DAY-BURNS	0.71	0.84	4.26
NEHALEM HWY. CONN. NO. 2	49.09	49.1	4.26
REDWOOD	27.31	27.38	4.26
UMPQUA	50.15	50.24	4.26
COOS BAY-ROSEBURG	71.27	71.48	4.26
KLAMATH FALLS-LAKEVIEW	95.69	95.7	4.26
HISTORIC COLUMBIA RIVER	30.36	30.43	4.26
JOHN DAY-BURNS	0.42	0.5	4.26
UMPQUA	35.62	36.09	4.26
KLAMATH FALLS-LAKEVIEW	95.77	95.83	4.26
FREMONT	142.97	143.03	4.26
MT. HOOD	84.69	84.96	4.26
MT. HOOD	88.34	88.59	4.26
WILSON RIVER	47.76	48.97	4.26
REDWOOD	25.89	26.37	4.26
MT. HOOD	99.86	101.14	4.26
NEHALEM	83.84	83.85	4.26
TRIPP RD. CONN.	83.45	83.47	4.26
JOHN DAY-BURNS	0.18	0.28	4.26
LOWER COLUMBIA RIVER	60.94	61	4.26
JOHN DAY-BURNS	0.9	1.13	4.26
NORTH SANTIAM	29.81	29.96	4.26
LOWER COLUMBIA RIVER	83.07	83.45	4.26
SHERMAN	19.56	19.6	4.26
COOS BAY-ROSEBURG	55.21	55.3	4.26
UMPQUA	50.98	51.09	4.26
NORTH SANTIAM	30.03	30.2	4.26
KLAMATH FALLS-LAKEVIEW	95.64	95.69	4.26
JOHN DAY-BURNS	1.74	1.94	4.26
HISTORIC COLUMBIA RIVER	30.31	30.36	4.26
UMPQUA	49.22	50.15	4.26
JOHN DAY-BURNS	1.13	1.18	4.26
KLAMATH FALLS-LAKEVIEW	23.42	23.76	4.26
NEHALEM	84	84.07	4.26
CORVALLIS-NEWPORT	39.23	39.28	4.26
WILSON RIVER	49.1	49.116	4.26
COOS BAY-ROSEBURG	54.26	54.4	4.26
WILSON RIVER HWY CONN NO 1	83.71	83.94	4.26
FREMONT	144.2	144.32	4.26
JOHN DAY-BURNS	22.63	24.75	4.26
FLORENCE-EUGENE	14.42	14.44	4.26
NORTH SANTIAM	30.46	30.51	4.26

UMPQUA	36.32	36.44	4.26
NORTH SANTIAM	29.57	29.73	4.26
UMPQUA	50.54	50.67	4.26
SUNSET	55.38	56.93	4.26
WILSON RIVER	49.4	50.03	4.26
SHERMAN	18.57	18.74	4.26
NORTH SANTIAM	30.2	30.31	4.26
MT. HOOD	88.72	88.97	4.26
SHERMAN	19.6	20.1	4.26
SHERMAN	18.74	19.48	4.26
KLAMATH FALLS-MALIN	3.11	4.02	4.26
JOHN DAY-BURNS	1.18	1.26	4.26
KLAMATH FALLS-MALIN	3.05	3.11	4.26
JOHN DAY-BURNS	1.4	1.65	4.26
ALBANY-CORVALLIS	3.95	5.62	4.26
FREMONT	142.84	142.9	4.26
SHERMAN	28.36	28.43	4.26
PENDLETON-JOHN DAY	14.55	14.7	4.26
KLAMATH FALLS-MALIN	14.46	16.01	4.26
MT. HOOD	94.43	94.86	4.26
FREMONT	144.45	145.06	4.26
SUNNY HILL FRONTAGE RD.	3.15	3.4	4.26
KLAMATH FALLS-LAKEVIEW	50.38	53.63	4.26
NEHALEM	84.07	84.85	4.26
STEWART CREEK FRONTAGE RD.	11.53	14.61	4.26
LOWER COLUMBIA RIVER	83.58	84.07	4.26
KLAMATH FALLS-LAKEVIEW	95.7	95.77	4.26
NEHALEM	82.03	82.85	4.26
SHERMAN	28.2	28.36	4.26
NORTH SANTIAM	30.31	30.37	4.26
COOS BAY-ROSEBURG	55.41	55.5	4.26
MT. HOOD	94.86	95.2	4.26
KLAMATH FALLS-MALIN	2.28	3.05	4.26
LAKE OF THE WOODS	13.66	14.07	4.26
SHERARS BRIDGE	28.36	28.42	4.26
I.O.N.	18.68	19.44	4.26
LAKE OF THE WOODS	14.07	14.76	4.26
OLDS FERRY-ONTARIO	31.76	31.81	4.26
MAPLETON-JUNCTION CITY	1.00E-02	3.00E-02	4.26
UKIAH-HILGARD	1.14E-13	1.07	4.26
I.O.N.	121.11	121.36	4.26
JOSEPH-WALLOWA LAKE	0.84	4.93	4.26
CHILOQUIN	3.41	4.28	4.26
LAKE OF THE WOODS	12.64	13.66	4.26
I.O.N.	20.91	20.93	4.26
I.O.N.	20.93	20.95	4.26
I.O.N.	20.59	20.91	4.26
HOOD RIVER	19.04	19.07	4.26
OLDS FERRY-ONTARIO	31.66	31.76	4.26
SPRINGFIELD-CRESWELL	7.99	8	4.26
I.O.N.	120.62	121.11	4.26
I.O.N.	19.44	19.55	4.26
I.O.N.	19.55	20	4.26
SHAW-AUMSVILLE CONN. NO. 4	8.93	9.29	4.26
ATHENA-HOLDMAN	17.71	18.12	4.26
CENTRAL OREGON HWY CONN.	31.66	31.83	4.26
I.O.N.	20.95	21.1	4.26
I.O.N.	21.1	21.21	4.26
I.O.N.	21.21	21.34	4.26
ELKTON-SUTHERLIN	1.14E-13	2.00E-02	4.26
SHAW-AUMSVILLE CONN. NO. 3	8.95	9.18	4.26
MCKENZIE	91.47	91.7	4.25
MCKENZIE	90.43	90.85	4.25
THE DALLES-CALIFORNIA	46.08	57.18	4.25
MCKENZIE	90.85	91.09	4.25
MCKENZIE	91.09	91.27	4.25
MCKENZIE	91.27	91.39	4.25
MCKENZIE	89.84	90.43	4.25
MCKENZIE	91.79	92.05	4.25
NEHALEM	45.84	46.03	4.25
MIST-CLATSKANIE	11.85	11.89	4.25
NORTH UMPQUA HIGHWAY EAST	17.76	18.05	4.25
WOODBURN-ESTACADA	21.67	22.61	4.25
CRATER LAKE	19.84	19.96	4.25
NEHALEM	46.14	48.8	4.25
NEHALEM HWY CONN.	11.85	11.89	4.25
FISHHAWK FALLS	0.4	1.93	4.25

NEHALEM	28.56	29.09	4.25
GREEN SPRINGS	20.95	21.63	4.25
HISTORIC COLUMBIA RIVER	57.79	57.88	4.25
HILLSBORO-SILVERTON	44.83	45.51	4.25
GREEN SPRINGS	21.63	21.83	4.25
NEHALEM	46.11	46.14	4.25
HISTORIC COLUMBIA RIVER	5.83	6.04	4.25
GREEN SPRINGS	21.83	22.27	4.25
NEHALEM	46.03	46.11	4.25
NORTH UMPQUA HIGHWAY EAST	15.77	15.92	4.25
ALBANY-JUNCTION CITY	29.09	29.28	4.25
NORTH UMPQUA HIGHWAY EAST	16.57	16.66	4.25
NEHALEM	43.78	45.84	4.25
CRATER LAKE	20.59	20.68	4.25
CRATER LAKE	96.2	97.09	4.25
HISTORIC COLUMBIA RIVER	6.04	6.41	4.25
NORTH UMPQUA HIGHWAY EAST	16.47	16.57	4.25
NORTH UMPQUA HIGHWAY EAST	17.2	17.27	4.25
MIST-CLATSKANIE	0.64	1.46	4.25
CRATER LAKE	20.76	20.81	4.25
FISHHAWK FALLS	1.14E-13	0.4	4.25
SALEM-DAYTON	10.98	11.73	4.25
MIST-CLATSKANIE	11.32	11.85	4.25
WOODBURN-ESTACADA	21.18	21.48	4.25
HILLSBORO-SILVERTON	46.45	47.5	4.25
MIST-CLATSKANIE	10.24	11.05	4.25
NEHALEM	30.02	30.36	4.25
NORTH UMPQUA HIGHWAY EAST	17.05	17.2	4.25
CRATER LAKE	20.68	20.76	4.25
OREGON CAVES	0.75	1.34	4.25
ALBANY-JUNCTION CITY	28.99	29.09	4.25
MIST-CLATSKANIE	11.05	11.32	4.25
WOODBURN-ESTACADA	21.6	21.67	4.25
HISTORIC COLUMBIA RIVER	5.81	5.83	4.25
CRATER LAKE	45.48	45.74	4.25
NORTH UMPQUA HIGHWAY EAST	16.25	16.37	4.25
WOODBURN-ESTACADA	21.48	21.6	4.25
NEHALEM	29.65	30.02	4.25
WOODBURN-ESTACADA	16.43	17.79	4.25
HISTORIC COLUMBIA RIVER	58.1	58.67	4.25
KINGS VALLEY	18.77	19.63	4.25
MAPLETON-JUNCTION CITY	29.65	30.06	4.25
SILVER CREEK FALLS	31.14	31.73	4.25
TERRITORIAL	10.77	11.06	4.25
CLACKAMAS	23.84	24.78	4.25
CLACKAMAS	48.28	49.14	4.25
MAPLETON-JUNCTION CITY	28.67	29.14	4.25
MAPLETON-JUNCTION CITY	30.07	30.48	4.25
MAPLETON-JUNCTION CITY	3.00E-02	0.49	4.25
COQUILLE-BANDON	16.6	16.83	4.25
MAPLETON-JUNCTION CITY	30.06	30.07	4.25
CLACKAMAS	47.41	47.57	4.25
TERRITORIAL	21.43	24.13	4.25
TERRITORIAL	11.06	11.12	4.25
CLACKAMAS	47.57	48.28	4.25
SILVER CREEK FALLS	31.11	31.14	4.25
CLACKAMAS	45.89	47.26	4.25
COQUILLE-BANDON	15.97	16.6	4.25
TERRITORIAL	10.64	10.77	4.25
TERRITORIAL	25.35	26.04	4.25
KINGS VALLEY	17.87	18.77	4.25
TERRITORIAL	24.31	24.43	4.25
TERRITORIAL	11.12	11.61	4.25
TERRITORIAL	25.08	25.35	4.25
ALBANY-LYONS	22.47	23.65	4.25
TERRITORIAL	25.05	25.08	4.25
MAPLETON-JUNCTION CITY	0.49	1.96	4.25
TERRITORIAL	24.43	25.05	4.25
MAPLETON-JUNCTION CITY	30.6	31.38	4.25
TERRITORIAL	10.1	10.64	4.25
OREGON COAST	211.83	211.91	4.19
OREGON COAST	211.68	211.72	4.19
OREGON COAST	211.72	211.75	4.19
OREGON COAST	127.33	127.38	4.19
OREGON COAST	155.85	155.9	4.19
OREGON COAST	127.38	127.46	4.19
OREGON COAST	127.46	127.55	4.19

OREGON COAST	211.91	211.98	4.19
OREGON COAST	211.75	211.83	4.19
OREGON COAST	127.67	127.72	4.19
OREGON COAST	273.44	273.57	4.19
OREGON COAST	155.9	155.95	4.19
OREGON COAST	156.16	156.18	4.19
OREGON COAST	155.95	156.16	4.19
OREGON COAST	127.55	127.67	4.19
ALSEA	1.14E-13	6.00E-02	4.19
OREGON COAST	161.63	161.74	4.09
OREGON COAST	158.25	158.43	4.09
MCKENZIE	26.31	26.4	4.09
OREGON COAST	161.74	161.9	4.09
WARREN O'XING CONN. NO. 1	30.48	30.63	4.09
CENTRAL OREGON	58.64	63.44	4.09
CENTRAL OREGON	104.72	106.18	4.09
OREGON COAST	132.45	133.01	4.09
MCKENZIE	40.65	40.84	4.09
OREGON COAST	163.55	163.59	4.09
MCKENZIE	12.52	12.7	4.09
OREGON COAST	29.51	29.61	4.09
OREGON COAST	127.88	127.94	4.09
OREGON COAST	226.81	227.14	4.09
MCKENZIE	97.46	98.44	4.09
OREGON COAST	80.36	80.39	4.09
WILLAMETTE	3.95	4.1	4.09
OREGON COAST	163.47	163.55	4.09
CENTRAL OREGON	104.17	104.72	4.09
OREGON COAST	29.45	29.51	4.09
OREGON COAST	153.22	153.28	4.09
WARREN O'XING CONN. NO. 2	31.07	31.19	4.09
OREGON COAST	134.06	134.07	4.09
OREGON COAST	97.7	97.92	4.09
OREGON COAST	150.73	150.86	4.09
OREGON COAST	163.37	163.42	4.09
OREGON COAST	126.87	126.95	4.09
OREGON COAST	77.45	80.3	4.09
WALLOWA LAKE	55.19	55.56	4.09
WALLOWA LAKE	54.36	54.65	4.09
OREGON COAST	158.77	158.97	4.09
WILLAMETTE	4.18	4.24	4.09
OREGON COAST	80.3	80.36	4.09
CENTRAL OREGON	151.95	154.88	4.09
CAYUSE-ADAMS FRONTAGE RD.	12.2	12.23	4.09
MCKENZIE	26.4	26.46	4.09
OREGON COAST	128.03	128.21	4.09
WILLAMETTE	4.1	4.18	4.09
OREGON COAST	156.71	156.75	4.09
OREGON COAST	153.28	153.41	4.09
MCKENZIE	23.41	23.93	4.09
MCKENZIE	47.08	47.47	4.09
CENTRAL OREGON	63.44	63.66	4.09
CENTRAL OREGON	63.66	63.91	4.09
OREGON COAST	156.98	157.01	4.09
MCKENZIE	13.26	13.94	4.09
OREGON COAST	150.67	150.73	4.09
JOHN DAY	153.97	154.03	4.09
MCKENZIE	19.97	20.27	4.09
OREGON COAST	80.45	80.48	4.09
JOHN DAY	190.67	190.72	4.09
OREGON-WASHINGTON	12.16	12.72	4.09
OREGON COAST	157.11	157.14	4.09
THE DALLES-CALIFORNIA	203.34	203.41	4.09
OREGON COAST	134.07	135.23	4.09
JOHN DAY	190.45	190.67	4.09
OREGON COAST	127.11	127.25	4.09
OREGON COAST	127.94	128	4.09
MCKENZIE	12.98	13.04	4.09
MCKENZIE	19.83	19.84	4.09
OREGON COAST	156.75	156.92	4.09
OREGON COAST	157.08	157.11	4.09
OREGON COAST	42.83	43.1	4.09
WALLOWA LAKE	55.14	55.19	4.09
OREGON COAST	72.12	72.19	4.09
SUNSET BLVD. CONN. NO. 1	29.5	29.59	4.09
OREGON COAST	163.71	163.77	4.09
MCKENZIE	50.32	50.34	4.09

OREGON COAST	153.01	153.15	4.09
OREGON COAST	30.48	30.65	4.09
THE DALLES-CALIFORNIA	203.41	203.74	4.09
CENTRAL OREGON	220.21	223.16	4.09
OREGON COAST	157.01	157.04	4.09
JOHN DAY	190.23	190.45	4.09
JOHN DAY	154.03	154.07	4.09
OREGON COAST	15.42	15.49	4.09
OREGON COAST	80.42	80.45	4.09
OREGON COAST	29.61	30.48	4.09
OREGON COAST	43.17	43.18	4.09
MCKENZIE	40.5	40.65	4.09
OREGON COAST	163.59	163.71	4.09
SUNSET BLVD. CONN. NO. 2	29.52	29.61	4.09
OREGON COAST	161.29	161.33	4.09
MCKENZIE	12.7	12.74	4.09
OREGON COAST	153.15	153.22	4.09
OREGON COAST	80.48	81.18	4.09
OREGON COAST	163.77	163.82	4.09
OREGON COAST	320.95	321.46	4.09
OREGON COAST	128	128.03	4.09
OREGON COAST	161.24	161.29	4.09
OREGON COAST	158.69	158.77	4.09
THE DALLES-CALIFORNIA	202.82	203.34	4.09
JOHN DAY	154.17	154.61	4.09
OREGON COAST	156.92	156.98	4.09
OREGON COAST	133.01	134.06	4.09
OREGON COAST	152.85	153.01	4.09
OREGON COAST	97.92	98.01	4.09
OREGON COAST	15.27	15.42	4.09
OREGON COAST	158.49	158.69	4.09
OREGON COAST	47.44	47.48	4.09
OREGON COAST	157.14	157.31	4.09
MCKENZIE	12.74	12.88	4.09
MCKENZIE	47.47	47.6	4.09
SUNSET BLVD. CONN. NO. 4	29.47	29.51	4.09
WALLOWA LAKE	54.71	54.73	4.09
JOHN DAY	190.72	191.07	4.09
OREGON COAST	15.19	15.27	4.09
CAYUSE-ADAMS FRONTAGE RD.	11.64	11.9	4.09
OREGON COAST	161.19	161.24	4.09
OREGON COAST	157.04	157.08	4.09
OREGON COAST	128.21	128.48	4.09
OREGON COAST	43.1	43.17	4.09
OREGON COAST	321.46	322.11	4.09
OREGON COAST	227.79	227.99	4.09
OREGON COAST	150.05	150.59	4.09
MCKENZIE	40.84	41.01	4.09
OREGON COAST	126.95	126.98	4.09
S SAUNDERS LAKE FRONT RD.	227.11	227.16	4.09
WILLAMETTE	4.24	4.54	4.09
JOHN DAY	153.45	153.93	4.09
OREGON COAST	158.43	158.49	4.09
OREGON COAST	47.48	47.54	4.09
OREGON COAST	127.06	127.1	4.09
OREGON COAST	43.18	43.54	4.09
OREGON COAST	161.4	161.63	4.09
OREGON COAST	227.14	227.79	4.09
OREGON COAST	126.98	127.06	4.09
WARREN O'XING CONN. NO. 3	30.59	30.75	4.09
SUNSET BLVD. CONN. NO. 4	29.56	29.69	4.09
MCKENZIE	13.04	13.26	4.09
OREGON COAST	80.39	80.42	4.09
OREGON COAST	222.28	222.51	4.09
OREGON COAST	97.55	97.7	4.09
OREGON COAST	72.19	72.87	4.09
OREGON COAST	161.33	161.4	4.09
OREGON-WASHINGTON	11.64	12.16	4.09
MCKENZIE	12.88	12.98	4.09
CENTRAL OREGON	154.88	155.83	4.09
OREGON COAST	150.59	150.67	4.09
OREGON COAST	127.1	127.11	4.09
OREGON COAST	163.42	163.47	4.09
OREGON COAST	151.03	151.18	4.09
OREGON COAST	30.65	30.75	4.09
MCKENZIE	11.59	11.62	4.09
OREGON COAST	85.05	85.41	4.09

WARREN O'XING CONN. NO. 2	31.23	31.3	4.09
OREGON COAST	97.35	97.55	4.09
WALLOWA LAKE	54.65	54.71	4.09
OREGON COAST	154.48	154.78	4.09
CENTRAL OREGON	171.11	173.24	4.09
OREGON COAST	47.54	47.73	4.09
OREGON COAST	163.82	163.85	4.09
MCKENZIE	19.84	19.97	4.09
CENTRAL OREGON	173.24	174.91	4.09
MCKENZIE	50.34	50.57	4.09
MCKENZIE	11.83	12.52	4.09
OREGON COAST	153.41	153.47	4.09
LOWER COLUMBIA RIVER	52.3	52.32	4.09
KLAMATH FALLS-LAKEVIEW	40.78	40.85	4.09
ALSTON INTERCH. CONN.NO. 2	52.36	52.42	4.09
SUNSET	17.62	17.71	4.09
KLAMATH FALLS-LAKEVIEW	40.85	40.94	4.09
SALMON RIVER	20.77	20.95	4.09
REDWOOD	20.33	20.55	4.09
WHITNEY	1.14E-13	1.13	4.09
KLAMATH FALLS-LAKEVIEW	40.94	41.27	4.09
REDWOOD	12.5	12.69	4.09
SALMON RIVER	4.82	5.3	4.09
CORVALLIS-NEWPORT	7.6	7.79	4.09
SALMON RIVER	34.51	34.73	4.09
UMATILLA-STANFIELD	12.47	12.64	4.09
CORVALLIS-NEWPORT	7.49	7.6	4.09
SALMON RIVER	5.3	5.42	4.09
HOGUE DR. CONN.	20.26	20.35	4.09
NEHALEM	76.87	76.96	4.09
PENDLETON-JOHN DAY	64.25	66.61	4.09
LOWER COLUMBIA RIVER	81.74	82.01	4.09
LOWER COLUMBIA RIVER	52.32	52.36	4.09
LOWER COLUMBIA RIVER	70.6	70.66	4.09
SALMON RIVER	22.62	22.66	4.09
NORTH SANTIAM	33.11	33.57	4.09
NORTH SANTIAM	32.94	33.11	4.09
OCHOCO	65.16	65.57	4.09
SUNSET	45.77	45.79	4.09
NORTH SANTIAM	32.6	32.94	4.09
SALMON RIVER	22.51	22.55	4.09
SUNSET	45.79	46.37	4.09
REDWOOD	20.26	20.33	4.09
LOWER COLUMBIA RIVER	70.68	70.76	4.09
SHERIDAN FRONTAGE RD.	34.13	34.51	4.09
SALMON RIVER	20.95	21.18	4.09
KLAMATH FALLS-LAKEVIEW	39.02	40.78	4.09
LOWER COLUMBIA RIVER	39.91	40.47	4.09
CORVALLIS-NEWPORT	7.4	7.49	4.09
NORTH SANTIAM	22.37	22.42	4.09
FLORENCE-EUGENE	52.1	52.38	4.09
SALMON RIVER	21.18	21.58	4.09
REDWOOD	20.11	20.18	4.09
SALMON RIVER	34.73	35.05	4.09
SALMON RIVER	22.66	23.02	4.09
SALMON RIVER	34.31	34.51	4.09
LAKEVIEW-BURNS	1.00E-02	0.61	4.09
OTIS CONN.	1.31	1.34	4.09
SUNSET	45.52	45.77	4.09
PENDLETON-JOHN DAY	120.18	120.51	4.09
LOWER COLUMBIA RIVER	70.66	70.68	4.09
FRONTAGE RD. CONN. 2	7.49	7.53	4.09
SUNSET	45.03	45.41	4.09
NORTH SANTIAM	22.42	22.49	4.09
NEHALEM	76.76	76.9	4.09
REDWOOD	35.55	36.27	4.09
NORTH SANTIAM	21.74	22.24	4.09
REDWOOD	12.25	12.5	4.09
STALEYS CONNECTION	45.41	45.47	4.09
REDWOOD	20.18	20.26	4.09
LOWER COLUMBIA RIVER	70.43	70.46	4.09
FLORENCE-EUGENE	51.55	52.1	4.09
SALMON RIVER	22.55	22.62	4.09
CORVALLIS-NEWPORT	7.36	7.4	4.09
SUNSET	45.41	45.52	4.09
REDWOOD	36.32	36.47	4.09
REDWOOD	36.27	36.32	4.09

LOWER COLUMBIA RIVER	70.46	70.6	4.09
ALSTON INTERCH. CONN.NO. 1	52.3	52.38	4.09
SALMON RIVER	21.58	22.51	4.09
NORTH SANTIAM	22.49	22.94	4.09
ALBANY-LYONS	25.67	25.71	4.09
CENTRAL OREGON	132.02	132.11	4.08
OREGON COAST	55.85	55.94	4.08
OREGON COAST	55.94	56.12	4.08
CENTRAL OREGON	131.92	132	4.08
CENTRAL OREGON	132	132.02	4.08
MCKENZIE	92.23	92.29	4.08
WILSON RIVER	23.73	24.86	4.08
WILSON RIVER	22.23	22.65	4.08
WILSON RIVER	22.21	22.23	4.08
NETARTS	0.24	0.62	4.08
WILSON RIVER	20.91	22.21	4.08
ALSEA	2.33	2.61	4.08
WILSON RIVER	22.91	23.57	4.08
NETARTS	1.14E-13	0.24	4.08
TIMBERLINE	0.12	0.66	4.08
UMATILLA MISSION	4.44	4.61	4.08
EAGLE CREEK-SANDY	2.28	2.79	4.08
UMATILLA MISSION	3.72	4.02	4.08
CLACKAMAS	20.75	21.36	4.08
TIMBERLINE	0.12	0.54	4.08
UMATILLA MISSION	4.02	4.41	4.08
CENTURY DRIVE	13.77	14.21	4.08
CLACKAMAS	11.18	11.63	4.08
UMATILLA MISSION	2.27	2.52	4.08
UMATILLA MISSION	4.44	4.75	4.08
ALBANY-LYONS	25.56	25.64	4.08
UMATILLA MISSION	2.52	3.72	4.08
UMATILLA MISSION	2.16	2.27	4.08
CLACKAMAS	11.63	11.64	4.08
CENTURY DRIVE	14.21	14.38	4.08
EAGLE CREEK-SANDY	2.2	2.28	4.08
CLACKAMAS	18.95	19.79	4.08
SHAW-AUMSVILLE CONN. NO. 5	8.78	8.79	4.08
UMATILLA MISSION	4.41	4.44	4.08
CENTURY DRIVE	14.38	14.86	4.08
CLACKAMAS	11.64	11.92	4.08
CENTRAL OREGON	266.25	266.31	3.9
MAIN STREET FRONTAGE ROAD	99.31	99.38	3.8
MAIN STREET FRONTAGE ROAD	99.38	99.41	3.8
MAIN STREET FRONTAGE ROAD	99.17	99.31	3.8
CLARKS BRANCH CONN. NO. 2	113.41	113.49	3.8
MAIN STREET FRONTAGE ROAD	99.51	99.57	3.8
ENTERPRISE-LEWISTON	42.66	42.83	3.8
MAIN STREET FRONTAGE ROAD	99.59	99.79	3.8
CANYONVILLE CONN. NO. 2	98.25	98.3	3.8
MAIN STREET FRONTAGE ROAD	99.48	99.51	3.8
MAIN STREET FRONTAGE ROAD	99.57	99.59	3.8
MAIN STREET FRONTAGE ROAD	99.41	99.48	3.8
ENTERPRISE-LEWISTON	38.93	42.66	3.8
CASCADE HWY SOUTH	10.46	10.47	3.8
TUALATIN VALLEY	24.81	25.33	3.8
CASCADE HWY SOUTH	11.01	11.06	3.8
DAIRY-BONANZA	6.39	6.41	3.8
LA GRANDE-BAKER	32.35	32.86	3.8
PACIFIC HIGHWAY WEST	44.8	45.02	3.8
WOODBURN-ESTACADA	33.28	33.29	3.8
NEHALEM	62.22	62.29	3.8
CASCADE HWY SOUTH	10.9	10.98	3.8
CASCADE HWY SOUTH	10.42	10.45	3.8
CASCADE HWY SOUTH	10.64	10.84	3.8
BELLEVUE-HOPEWELL	5.81	6.03	3.8
DAIRY-BONANZA	6.41	6.47	3.8
WOODBURN-ESTACADA	33.29	33.35	3.8
OREGON CAVES	0.19	0.35	3.8
LA GRANDE-BAKER	32.23	32.32	3.8
OREGON CAVES	9.00E-02	0.17	3.8
TUALATIN VALLEY	34.62	35.96	3.8
CASCADE HWY SOUTH	10.98	11.01	3.8
OREGON CAVES	0.17	0.19	3.8
CASCADE HWY SOUTH	7.36	7.54	3.8
CASCADE HWY SOUTH	10.2	10.42	3.8
WOODBURN-ESTACADA	33.45	33.49	3.8

CASCADE HWY SOUTH	10.45	10.46	3.8
CASCADE HWY SOUTH	10.47	10.61	3.8
LA GRANDE-BAKER	40.31	40.44	3.8
TUALATIN VALLEY	26.52	26.54	3.8
NEHALEM	62.3	62.36	3.8
CASCADE HWY SOUTH	7.54	7.59	3.8
CASCADE HWY SOUTH	11.35	11.96	3.8
LA GRANDE-BAKER	40.44	40.52	3.8
CASCADE HWY SOUTH	7.32	7.36	3.8
TUALATIN VALLEY	26.54	26.76	3.8
LA GRANDE-BAKER	40.73	40.96	3.8
CASCADE HWY SOUTH	11.06	11.35	3.8
NEHALEM	62.29	62.3	3.8
HILLSBORO-SILVERTON	46.29	46.45	3.8
CASCADE HWY SOUTH	7.59	7.93	3.8
CASCADE HWY SOUTH	7.12	7.32	3.8
UKIAH-HILGARD	1.07	1.14	3.8
EAGLE CREEK-SANDY	1.14E-13	3.00E-02	3.8
CHILOQUIN	4.56	4.65	3.8
KIMBERLY-LONG CREEK	13.57	13.64	3.8
EAGLE CREEK-SANDY	-0.23	-3.00E-02	3.8
CLACKAMAS	23.36	23.51	3.8
CLACKAMAS	17.54	17.92	3.8
VALE-WEST	10.22	10.28	3.8
SILETZ	22.97	23.64	3.8
CULVER	8.32	8.83	3.8
EAGLE CREEK-SANDY	-3.00E-02	-1.00E-02	3.8
KIMBERLY-LONG CREEK	13.3	13.57	3.8
UKIAH-HILGARD	1.24	1.29	3.8
SILETZ	24.05	24.26	3.8
KIMBERLY-LONG CREEK	13.86	14	3.8
KIMBERLY-LONG CREEK	13.73	13.74	3.8
EAGLE CREEK-SANDY	3.00E-02	0.15	3.8
UKIAH-HILGARD	1.4	1.67	3.8
CHILOQUIN	4.39	4.56	3.8
CLACKAMAS	17.3	17.54	3.8
EAGLE CREEK-SANDY	0.27	0.35	3.8
UKIAH-HILGARD	1.14	1.24	3.8
ALBANY-LYONS	25.46	25.54	3.8
ATHENA-HOLDMAN	17.59	17.69	3.8
KIMBERLY-LONG CREEK	13.74	13.76	3.8
EAGLE CREEK-SANDY	0.24	0.27	3.8
KIMBERLY-LONG CREEK	14	14.36	3.8
LITTLE SHEEP CREEK	0.2	1.31	3.8
ALBANY-LYONS	25.4	25.46	3.8
MEDICAL SPRINGS	0.1	0.25	3.8
KIMBERLY-LONG CREEK	13.64	13.65	3.8
UKIAH-HILGARD	1.29	1.35	3.8
KIMBERLY-LONG CREEK	13.65	13.73	3.8
VALE-WEST	10.28	10.35	3.8
EAGLE CREEK-SANDY	-1.00E-02	1.14E-13	3.8
ALBANY-LYONS	24.41	24.46	3.8
SILETZ	24.26	24.85	3.8
ALBANY-LYONS	24.36	24.41	3.8
CHILOQUIN	4.65	4.92	3.8
EAGLE CREEK-SANDY	0.15	0.24	3.8
KIMBERLY-LONG CREEK	13.85	13.86	3.8
KIMBERLY-LONG CREEK	34.36	34.63	3.8
CLACKAMAS	17.92	18.37	3.8
KIMBERLY-LONG CREEK	13.76	13.85	3.8
EAGLE CREEK-SANDY	0.35	0.63	3.8
UKIAH-HILGARD	1.35	1.4	3.8
CULVER	8.83	8.92	3.8
JOHN DAY	131.12	131.14	3.63
WALLOWA LAKE	12.4	12.45	3.63
SANTIAM	99.948	99.95	3.63
WALLOWA LAKE	71.28	71.34	3.63
JOHN DAY	162.18	162.22	3.63
OREGON COAST	44.89	44.94	3.63
CENTRAL OREGON	246.15	246.2	3.63
MCKINNEY BUTTE CONN. NO. 1	99.958	99.96	3.63
OREGON COAST	44.84	44.89	3.63
WALLOWA LAKE	47.08	47.14	3.63
WALLOWA LAKE	12.06	12.13	3.63
JOHN DAY	162.13	162.14	3.63
CENTRAL OREGON	246.25	246.3	3.63
WALLOWA LAKE	47.01	47.08	3.63

CENTRAL OREGON	246.2	246.25	3.63
WALLOWA LAKE	11.98	12.06	3.63
CENTRAL OREGON	246.26	246.31	3.63
CENTRAL OREGON	245.97	246.03	3.63
WALLOWA LAKE	20.3	20.34	3.63
MCKINNEY BUTTE CONN. NO. 1	99.91	99.95	3.63
MCKINNEY BUTTE CONN. NO. 1	99.95	99.953	3.63
MCKENZIE	92.67	92.7	3.63
JOHN DAY	162.57	162.62	3.63
WALLOWA LAKE	12.13	12.2	3.63
WALLOWA LAKE	20.07	20.13	3.63
WALLOWA LAKE	46.93	47.01	3.63
MCKENZIE	92.62	92.67	3.63
WALLOWA LAKE	47.14	47.2	3.63
CENTRAL OREGON	246.31	246.36	3.63
WALLOWA LAKE	64.9	64.96	3.63
JOHN DAY	175.26	175.33	3.63
CENTRAL OREGON	131.54	131.6	3.63
WALLOWA LAKE	47.26	47.31	3.63
JOHN DAY	175.01	175.09	3.63
CENTRAL OREGON	246.3	246.35	3.63
WALLOWA LAKE	20.44	20.49	3.63
SANTIAM	99.948	99.95	3.63
SANTIAM	99.86	99.94	3.63
WALLOWA LAKE	71.23	71.28	3.63
JOHN DAY	175.09	175.16	3.63
WALLOWA LAKE	46.79	46.89	3.63
JOHN DAY	162.14	162.16	3.63
JOHN DAY	162.36	162.4	3.63
WALLOWA LAKE	71.34	71.42	3.63
JOHN DAY	277.97	278.05	3.63
WALLOWA LAKE	12.27	12.34	3.63
MCKINNEY BUTTE CONN. NO. 1	99.96	99.961	3.63
CENTRAL OREGON	246.36	246.39	3.63
JOHN DAY	175.16	175.18	3.63
JOHN DAY	175.33	175.41	3.63
JOHN DAY	278.1	278.15	3.63
WALLOWA LAKE	46.72	46.78	3.63
JOHN DAY	162.22	162.29	3.63
CENTRAL OREGON	246.35	246.41	3.63
CENTRAL OREGON	246.11	246.15	3.63
CENTRAL OREGON	131.76	131.81	3.63
MCKINNEY BUTTE CONN. NO. 1	99.95	99.97	3.63
WALLOWA LAKE	47.2	47.26	3.63
CENTRAL OREGON	246.45	246.5	3.63
WALLOWA LAKE	12.45	12.5	3.63
CENTRAL OREGON	131.7	131.76	3.63
SANTIAM	99.95	99.952	3.63
WALLOWA LAKE	64.96	65.02	3.63
CENTRAL OREGON	246.21	246.26	3.63
JOHN DAY	175.18	175.2	3.63
JOHN DAY	175.41	175.44	3.63
MCKINNEY BUTTE CONN. NO. 1	99.936	99.94	3.63
CENTRAL OREGON	245.91	245.97	3.63
OREGON COAST	44.98	45.06	3.63
MCKENZIE	92.7	92.77	3.63
WALLOWA LAKE	20.34	20.39	3.63
MCKENZIE	92.38	92.5	3.63
OREGON COAST	87.5	87.57	3.63
MCKINNEY BUTTE CONN. NO. 1	99.95	99.97	3.63
JOHN DAY	162.4	162.48	3.63
JOHN DAY	131.01	131.12	3.63
CENTRAL OREGON	131.65	131.7	3.63
CENTRAL OREGON	246.03	246.11	3.63
CENTRAL OREGON	246.39	246.46	3.63
WALLOWA LAKE	65.09	65.15	3.63
CENTRAL OREGON	246.1	246.15	3.63
OREGON COAST	87.57	87.66	3.63
WALLOWA LAKE	20.04	20.07	3.63
WALLOWA LAKE	20.25	20.3	3.63
OREGON COAST	44.75	44.79	3.63
ENTERPRISE-LEWISTON	43.13	43.19	3.63
WALLOWA LAKE	20.13	20.19	3.63
OREGON COAST	44.79	44.84	3.63
WALLOWA LAKE	20.19	20.25	3.63
JOHN DAY	130.86	131.01	3.63
JOHN DAY	278.05	278.1	3.63

OREGON COAST	87.37	87.5	3.63
WALLOWA LAKE	47.31	47.32	3.63
MCKINNEY BUTTE CONN. NO. 1	99.927	99.93	3.63
WALLOWA LAKE	46.78	46.79	3.63
CENTRAL OREGON	131.6	131.65	3.63
WALLOWA LAKE	65.21	65.28	3.63
OREGON COAST	44.94	44.98	3.63
WALLOWA LAKE	71.1	71.23	3.63
SANTIAM	99.86	99.863	3.63
SANTIAM	99.94	99.96	3.63
WALLOWA LAKE	65.15	65.21	3.63
WALLOWA LAKE	65.28	65.37	3.63
OREGON COAST	45.17	45.48	3.63
JOHN DAY	278.15	278.21	3.63
CENTRAL OREGON	246.04	246.1	3.63
WALLOWA LAKE	46.89	46.93	3.63
MCKENZIE	92.5	92.55	3.63
JOHN DAY	162.16	162.18	3.63
WALLOWA LAKE	64.84	64.9	3.63
CENTRAL OREGON	246.41	246.45	3.63
CENTRAL OREGON	246.15	246.21	3.63
MCKENZIE	92.55	92.62	3.63
JOHN DAY	162.29	162.36	3.63
SANTIAM	99.96	100.02	3.63
WALLOWA LAKE	65.02	65.09	3.63
WALLOWA LAKE	20.39	20.44	3.63
WALLOWA LAKE	12.34	12.4	3.63
JOHN DAY	162.48	162.57	3.63
OREGON COAST	45.06	45.17	3.63
SANTIAM	99.95	99.952	3.63
JOHN DAY	175.2	175.26	3.63
WALLOWA LAKE	12.2	12.27	3.63
LOWER COLUMBIA RIVER	61.76	61.85	3.63
JOHN DAY-BURNS	24.95	25.02	3.63
REDWOOD	28.43	28.5	3.63
JOHN DAY-BURNS	25.26	25.29	3.63
PENDLETON-JOHN DAY	15.28	15.3	3.63
PENDLETON-JOHN DAY	15.58	15.65	3.63
JOHN DAY-BURNS	1.14E-13	7.00E-02	3.63
PENDLETON-JOHN DAY	15.57	15.58	3.63
NEHALEM	83.04	83.12	3.63
NEHALEM	82.97	83.04	3.63
PENDLETON-JOHN DAY	15.41	15.48	3.63
NEHALEM	83.23	83.49	3.63
PENDLETON-JOHN DAY	15.48	15.55	3.63
JOHN DAY-BURNS	25.19	25.26	3.63
PENDLETON-JOHN DAY	15.19	15.21	3.63
NEHALEM	83.12	83.23	3.63
PENDLETON-JOHN DAY	15.21	15.23	3.63
NEHALEM	82.86	82.97	3.63
PENDLETON-JOHN DAY	15.23	15.28	3.63
REDWOOD	28.5	28.56	3.63
JOHN DAY-BURNS	7.00E-02	0.13	3.63
PENDLETON-JOHN DAY	15.55	15.57	3.63
NEHALEM	82.85	82.86	3.63
JOHN DAY-BURNS	25.02	25.19	3.63
PENDLETON-JOHN DAY	15.3	15.36	3.63
PENDLETON-JOHN DAY	15.36	15.41	3.63
JOSEPH-WALLOWA LAKE	0.21	0.27	3.63
JOSEPH-WALLOWA LAKE	0.13	0.21	3.63
JOSEPH-WALLOWA LAKE	1.14E-13	7.00E-02	3.63
LITTLE SHEEP CREEK	1.14E-13	6.00E-02	3.63
WESTON-ELGIN	40.73	40.84	3.63
JOSEPH-WALLOWA LAKE	7.00E-02	0.13	3.63
MOSIER INTCHGE. CONN. NO.1	69.79	69.88	3.62
E. GOVERNMENT CAMP FRONT.	53.03	53.5	3.62
HISTORIC COLUMBIA RIVER	56.91	57.49	3.62
STEENS	5.00E-02	0.11	3.62
THE DALLES-CALIFORNIA	3.05	4.37	3.36
THE DALLES-CALIFORNIA	4.92	5.83	3.36
THE DALLES-CALIFORNIA	5.83	7.17	3.36
CRATER LAKE	15.67	16.71	3.36
NORTH UMPQUA HIGHWAY EAST	10.21	10.69	3.36
NORTH UMPQUA HIGHWAY EAST	13.56	14.09	3.36
NORTH UMPQUA HIGHWAY EAST	11.77	12.93	3.36
NORTH UMPQUA HIGHWAY EAST	14.09	14.84	3.36
WILSON RIVER	2.15	2.28	3.36

NORTH UMPQUA HIGHWAY EAST	5.69	7.72	3.36
NORTH UMPQUA HIGHWAY EAST	14.84	14.97	3.36
NORTH UMPQUA HIGHWAY EAST	14.97	15.32	3.36
NORTH UMPQUA HIGHWAY EAST	8.28	10.1	3.36
NORTH UMPQUA HIGHWAY EAST	13.01	13.26	3.36
NORTH UMPQUA HIGHWAY EAST	13.26	13.56	3.36
NORTH UMPQUA HIGHWAY EAST	10.69	11.77	3.36
NORTH UMPQUA HIGHWAY EAST	4.38	4.6	3.36
NORTH UMPQUA HIGHWAY EAST	12.93	13.01	3.36
NORTH UMPQUA HIGHWAY EAST	7.72	8.28	3.36
ALBANY-LYONS	2.48	3.12	3.36
UMPQUA HWY. CONN.	211.64	211.71	3.19
OREGON COAST	211.64	211.66	3.19
OREGON COAST	211.52	211.58	3.19
OREGON COAST	211.66	211.68	3.19
OREGON COAST	211.58	211.64	3.19
UMPQUA	1.14E-13	7.00E-02	3.19
OREGON COAST HWY CONN.	7.00E-02	0.13	3.19
JOHN DAY	222.2	222.9	3.09
WALLOWA LAKE	28.21	28.48	3.09
OREGON-WASHINGTON	6.31	9.06	3.09
OREGON COAST	287.77	287.82	3.09
OREGON COAST	362.95	363.11	3.09
WALLOWA LAKE	3.77	4.43	3.09
OREGON COAST	77.42	77.45	3.09
THE DALLES-CALIFORNIA	204.08	204.25	3.09
CENTRAL OREGON	90.85	91.27	3.09
WILLAMETTE	69.41	70.45	3.09
OREGON COAST	32.69	32.73	3.09
MCKENZIE	98.44	99.28	3.09
THE DALLES-CALIFORNIA	282.61	282.72	3.09
JOHN DAY	276.09	276.32	3.09
JOHN DAY	184.13	184.15	3.09
CENTRAL OREGON	123.39	123.62	3.09
MCKENZIE	107.34	107.36	3.09
HIGH POINT FRONTAGE RD.	227.62	227.82	3.09
CENTRAL OREGON	78.35	79.56	3.09
COLUMBIA RIVER	170.35	170.94	3.09
THE DALLES-CALIFORNIA	101.29	101.81	3.09
OREGON COAST	324.07	324.67	3.09
WALLOWA LAKE	55.56	55.6	3.09
JOHN DAY	152.53	152.87	3.09
CENTRAL OREGON	7.76	8.17	3.09
OREGON COAST	280.47	280.55	3.09
JOHN DAY	198.34	199.37	3.09
WALLOWA LAKE	40.38	40.68	3.09
THE DALLES-CALIFORNIA	189.28	191.15	3.09
OREGON COAST	35.4	35.45	3.09
OREGON COAST	165.24	165.32	3.09
CENTRAL OREGON	247.89	248.02	3.09
OREGON COAST	284.62	284.76	3.09
WALLOWA LAKE	50.1	51.03	3.09
THE DALLES-CALIFORNIA	280.12	280.16	3.09
CENTRAL OREGON	134.31	136.31	3.09
THE DALLES-CALIFORNIA	180.54	181.78	3.09
CENTRAL OREGON	17.44	17.45	3.09
SANTIAM	52.32	52.38	3.09
OREGON COAST	162.89	162.91	3.09
CENTRAL OREGON	95.05	96.74	3.09
OREGON COAST	97.02	97.35	3.09
JOHN DAY	270.09	270.54	3.09
OREGON COAST	131.42	131.81	3.09
JOHN DAY	210.29	210.54	3.09
CENTRAL OREGON	125.99	126.35	3.09
OREGON COAST	288.15	288.22	3.09
OREGON COAST	288.85	289.13	3.09
THE DALLES-CALIFORNIA	251.48	251.74	3.09
OREGON COAST	322.68	322.75	3.09
THE DALLES-CALIFORNIA	251.74	251.94	3.09
MCKENZIE	94.42	94.56	3.09
WALLOWA LAKE	67.28	67.46	3.09
OREGON COAST	163.1	163.25	3.09
MINAM CONN. NO. 1	33.56	33.61	3.09
OREGON-WASHINGTON	22.89	23.12	3.09
N SAUNDERS LAKE FRONT RD.	226.65	226.82	3.09
THE DALLES-CALIFORNIA	109.74	110.72	3.09
CENTRAL OREGON	252.98	253.05	3.09

OREGON COAST	275.19	275.58	3.09
OREGON COAST	287.28	287.49	3.09
THE DALLES-CALIFORNIA	89.65	89.66	3.09
JOHN DAY	192.08	192.24	3.09
WALLOWA LAKE	5.08	5.76	3.09
JOHN DAY	168.51	170.47	3.09
CENTRAL OREGON	133.68	134.29	3.09
OREGON COAST	279.04	279.24	3.09
CENTRAL OREGON	155.92	157.62	3.09
THE DALLES-CALIFORNIA	253.41	253.9	3.09
JOHN DAY	273.83	273.85	3.09
OREGON COAST	71.7	71.82	3.09
OREGON COAST	35.27	35.36	3.09
THE DALLES-CALIFORNIA	206.17	206.38	3.09
JOHN DAY	273.85	274.85	3.09
CENTRAL OREGON	146.91	147.95	3.09
JOHN DAY	160.73	160.84	3.09
CENTRAL OREGON	224.64	227.62	3.09
JOHN DAY	263.92	263.96	3.09
UMATILLA ELECTRIC COOP FR	167.83	167.86	3.09
OREGON COAST	215.04	215.2	3.09
OREGON COAST	281.76	281.85	3.09
CENTRAL OREGON	8.35	8.42	3.09
OREGON COAST	162.68	162.77	3.09
GEISEL MONUMENT CONN.	322.17	322.22	3.09
CENTRAL OREGON	127.22	127.46	3.09
OREGON COAST	24.93	25.09	3.09
JOHN DAY	186.47	187.39	3.09
MCKENZIE-BEND	11.8	11.97	3.09
COLUMBIA RIVER	179.71	179.97	3.09
OREGON COAST	149.61	149.89	3.09
OREGON COAST	95.32	95.77	3.09
CENTRAL OREGON	200.19	202.63	3.09
THE DALLES-CALIFORNIA	237.05	238.87	3.09
SANTIAM	39.35	39.8	3.09
OREGON COAST	152.67	152.85	3.09
THE DALLES-CALIFORNIA	89.38	89.65	3.09
JOHN DAY	252	253.18	3.09
CENTRAL OREGON	84.56	87.16	3.09
THE DALLES-CALIFORNIA	280.16	281.38	3.09
OREGON COAST	32.58	32.68	3.09
MCKENZIE	108.04	108.6	3.09
OREGON COAST	186.8	186.88	3.09
JOHN DAY	253.43	254.07	3.09
OREGON-WASHINGTON	17.52	18.99	3.09
THE DALLES-CALIFORNIA	225.22	225.74	3.09
OREGON COAST	162.16	162.34	3.09
CENTRAL OREGON	67.2	69.25	3.09
OREGON COAST	183.57	183.89	3.09
KNOX O'XING CONN. NO. 1	326.34	326.4	3.09
OREGON COAST	298.34	298.58	3.09
MCKENZIE	104.05	104.47	3.09
CENTRAL OREGON	10.94	11.28	3.09
OREGON COAST	165.4	165.45	3.09
WALLOWA LAKE	68.59	69.29	3.09
CENTRAL OREGON	7.18	7.55	3.09
OREGON COAST	302.28	302.41	3.09
OREGON COAST	164.76	164.85	3.09
CENTRAL OREGON	87.16	90.85	3.09
THE DALLES-CALIFORNIA	269.43	270.28	3.09
JOHN DAY	191.28	192.08	3.09
CENTRAL OREGON	94.58	95.05	3.09
OREGON COAST	98.55	98.73	3.09
JOHN DAY	272.14	272.65	3.09
CENTRAL OREGON	71.4	72.79	3.09
OREGON COAST	34.83	34.88	3.09
OREGON COAST	56.77	56.78	3.09
WALLOWA LAKE	51.03	53.51	3.09
OREGON COAST	229.46	229.61	3.09
N SAUNDERS LAKE FRONT RD.	226.42	226.65	3.09
OREGON COAST	244.27	244.35	3.09
COLUMBIA RIVER	171.92	173.18	3.09
THE DALLES-CALIFORNIA	185.33	185.39	3.09
OREGON COAST	162.81	162.87	3.09
OREGON COAST	49.77	49.83	3.09
CENTRAL OREGON	4.79	4.85	3.09
JOHN DAY	195.29	196.21	3.09

OREGON COAST	165.22	165.24	3.09
CENTRAL OREGON	157.92	158.63	3.09
OREGON COAST	294.66	295.07	3.09
OREGON COAST	154.03	154.26	3.09
JOHN DAY	159.7	159.87	3.09
OREGON COAST	34.47	34.5	3.09
OREGON COAST	315.1	316.96	3.09
WILLAMETTE	10.23	10.82	3.09
OREGON COAST	14.74	14.75	3.09
MCKENZIE	102.17	102.47	3.09
JOHN DAY	193.77	195.29	3.09
THE DALLES-CALIFORNIA	64.08	67.02	3.09
JOHN DAY	186.16	186.47	3.09
THE DALLES-CALIFORNIA	103.63	104.93	3.09
OREGON COAST	35	35.12	3.09
OREGON COAST	297.73	297.97	3.09
WEDDERBURN JCT. CONN. NO 3	327.497	327.5	3.09
THE DALLES-CALIFORNIA	247.98	248.75	3.09
CENTRAL OREGON	248.71	248.8	3.09
MCKENZIE-BEND	7.32	7.44	3.09
OREGON COAST	91.37	91.98	3.09
JOHN DAY	227.8	230.7	3.09
OREGON COAST	162.34	162.41	3.09
WALLOWA LAKE	67.46	68.47	3.09
CENTRAL OREGON	8.53	9.16	3.09
OREGON COAST	215.84	215.88	3.09
S. ELGIN FRONTAGE RD.	19.07	19.21	3.09
JOHN DAY	124.17	126.64	3.09
OREGON COAST	330.16	330.29	3.09
COLUMBIA RIVER	178.7	178.71	3.09
THE DALLES-CALIFORNIA	185.12	185.19	3.09
JOHN DAY	132.64	133.49	3.09
WALLOWA LAKE	5.76	6.81	3.09
CENTRAL OREGON	157.62	157.73	3.09
OREGON COAST	281.33	281.76	3.09
JOHN DAY	155.3	155.43	3.09
CENTRAL OREGON	255.19	255.38	3.09
MCKENZIE-BEND	4.04	4.77	3.09
MCKENZIE	17.66	18	3.09
COLUMBIA RIVER	180.03	180.13	3.09
OREGON COAST	244.24	244.27	3.09
OREGON COAST	344.75	345.51	3.09
CENTRAL OREGON	157.73	157.89	3.09
OREGON COAST	298.09	298.34	3.09
THE DALLES-CALIFORNIA	185.19	185.26	3.09
OREGON COAST	151.51	151.81	3.09
CENTRAL OREGON	5.94	6.18	3.09
OREGON COAST	43.89	43.96	3.09
THE DALLES-CALIFORNIA	253.9	254.9	3.09
JOHN DAY	214.51	215.75	3.09
OREGON COAST	47.92	48.53	3.09
JOHN DAY	255.25	258.83	3.09
JOHN DAY	254.6	254.7	3.09
WALLOWA LAKE	45	45.37	3.09
OREGON COAST	280.91	280.99	3.09
OREGON COAST	51.86	51.88	3.09
CENTRAL OREGON	116.14	121.44	3.09
OREGON COAST	279.01	279.04	3.09
COUNTY RD (CREEGS CR) CONN	318.37	318.4	3.09
CENTRAL OREGON	247.29	247.48	3.09
OREGON COAST	323.07	323.36	3.09
THE DALLES-CALIFORNIA	99.46	99.89	3.09
WALLOWA LAKE	14.27	14.94	3.09
CENTRAL OREGON	11.47	11.81	3.09
CENTRAL OREGON	127.51	128.06	3.09
HOLLIDAY REST STOP CONN.	155.3	155.45	3.09
OREGON COAST	184.91	185.04	3.09
DALEY FRONTAGE RD.	93.87	94.14	3.09
OREGON COAST	90.4	91.37	3.09
OREGON COAST	327.49	327.9	3.09
THE DALLES-CALIFORNIA	185.26	185.33	3.09
SANTIAM	41.37	41.39	3.09
OREGON COAST	326.39	326.43	3.09
JOHN DAY	184.15	184.52	3.09
THE DALLES-CALIFORNIA	247.71	247.98	3.09
WILLAMETTE	82.34	82.62	3.09
OREGON COAST	275.59	275.83	3.09

JOHN DAY	155.83	156.09	3.09
CENTRAL OREGON	229.98	230.95	3.09
OREGON COAST	135.63	135.71	3.09
OREGON COAST	153.73	154.03	3.09
CENTRAL OREGON	248.89	251.11	3.09
OREGON COAST	307.76	308.17	3.09
THE DALLES-CALIFORNIA	206.78	207.82	3.09
JOHN DAY	254.07	254.08	3.09
MCKENZIE-BEND	2.18	2.33	3.09
JOHN DAY	126.64	128.68	3.09
CENTRAL OREGON	101.09	103.03	3.09
OREGON COAST	186.07	186.09	3.09
OREGON COAST	152.38	152.58	3.09
OREGON COAST	13.76	14.74	3.09
WALLOWA LAKE	27.56	28.21	3.09
CENTRAL OREGON	170.24	171.08	3.09
OREGON COAST	275.16	275.19	3.09
CENTRAL OREGON	125.95	125.99	3.09
OREGON COAST	163.25	163.37	3.09
THE DALLES-CALIFORNIA	206.38	206.4	3.09
JOHN DAY	260.87	261.57	3.09
MCKENZIE	93.96	94.42	3.09
JOHN DAY	160.53	160.73	3.09
CENTRAL OREGON	227.92	228.31	3.09
THE DALLES-CALIFORNIA	186.86	186.97	3.09
OREGON-WASHINGTON	4.42	5.61	3.09
OREGON COAST	229.27	229.46	3.09
CENTRAL OREGON	126.56	126.83	3.09
OREGON COAST	131.81	131.86	3.09
WILLAMETTE	72.96	73.42	3.09
OREGON COAST	243.44	243.57	3.09
OREGON COAST	32.56	32.58	3.09
CENTRAL OREGON	199.92	200.19	3.09
OREGON COAST	162.87	162.89	3.09
CLINE FALLS HWY CONN.	107.36	107.47	3.09
OREGON COAST	215.74	215.77	3.09
VINES HILL FRONTAGE RD.	232.97	233.24	3.09
JOHN DAY	164.89	168.51	3.09
OREGON COAST	98.05	98.55	3.09
COLUMBIA RIVER	167.87	167.94	3.09
WILLAMETTE	9.41	9.61	3.09
OREGON COAST	283.07	283.4	3.09
THE DALLES-CALIFORNIA	98.37	99.22	3.09
OREGON COAST	322.11	322.12	3.09
WILLAMETTE	72.23	72.9	3.09
WALLOWA LAKE	3.26	3.52	3.09
CENTRAL OREGON	240.68	241.83	3.09
THE DALLES-CALIFORNIA	102.59	103.63	3.09
CENTRAL OREGON	77	78.35	3.09
WALLOWA LAKE	33.75	33.77	3.09
JOHN DAY	231.22	238.08	3.09
THE DALLES-CALIFORNIA	203.74	204.05	3.09
JOHN DAY	243.14	244.49	3.09
OREGON COAST	220.09	220.4	3.09
OREGON COAST	280.55	280.61	3.09
MCKENZIE	108.6	108.86	3.09
CENTRAL OREGON	147.95	149.9	3.09
CENTRAL OREGON	115.74	116.14	3.09
OREGON COAST	157.31	157.51	3.09
OREGON COAST	215.77	215.84	3.09
THE DALLES-CALIFORNIA	267.08	268.85	3.09
OREGON COAST	279.24	279.57	3.09
OREGON COAST	46.5	46.65	3.09
THE DALLES-CALIFORNIA	187.83	189.09	3.09
OREGON COAST	210.75	210.8	3.09
CENTRAL OREGON	4.85	5.94	3.09
JOHN DAY	161.14	161.56	3.09
OREGON COAST	95.11	95.22	3.09
WALLOWA LAKE	25.38	27.25	3.09
OREGON COAST	287.92	287.96	3.09
OREGON COAST	162.95	163.01	3.09
MYERS CREEK CONN. NO. 2	337.05	337.09	3.09
THE DALLES-CALIFORNIA	202.65	202.79	3.09
CENTRAL OREGON	115.44	115.74	3.09
OREGON COAST	323.04	323.07	3.09
COLUMBIA RIVER	167.94	168.19	3.09
OREGON COAST	287.49	287.68	3.09

THE DALLES-CALIFORNIA	282.87	283.8	3.09
OREGON COAST	89.87	90.33	3.09
WALLOWA LAKE	28.58	29.67	3.09
CENTRAL OREGON	233.24	235.04	3.09
OREGON COAST	282.71	282.78	3.09
HIGH POINT FRONTAGE RD.	227.82	227.85	3.09
THE DALLES-CALIFORNIA	113.84	114.29	3.09
COLUMBIA RIVER	167.73	168.15	3.09
OREGON COAST	307.75	307.76	3.09
THE DALLES-CALIFORNIA	175.65	175.86	3.09
WALLOWA LAKE	33	33.56	3.09
CENTRAL OREGON	180.76	185.05	3.09
THE DALLES-CALIFORNIA	176.57	177.52	3.09
JOHN DAY	191.07	191.28	3.09
WALLOWA LAKE	68.47	68.59	3.09
CENTRAL OREGON	256.7	256.94	3.09
JOHN DAY	254.16	254.17	3.09
THE DALLES-CALIFORNIA	231.93	231.94	3.09
OREGON COAST	226.42	226.81	3.09
OREGON COAST	298.58	298.99	3.09
MCKENZIE	99.66	100.41	3.09
CENTRAL OREGON	81.7	83.79	3.09
OREGON COAST	209.58	209.64	3.09
OREGON COAST	135.57	135.63	3.09
THE DALLES-CALIFORNIA	204.78	205.89	3.09
JOHN DAY	208.17	208.45	3.09
CENTRAL OREGON	106.89	108.27	3.09
MCKENZIE-BEND	3.79	4.04	3.09
WILLAMETTE	85.78	86.04	3.09
JOHN DAY	123.98	124.17	3.09
CENTRAL OREGON	26.19	26.25	3.09
OREGON COAST	186.37	186.67	3.09
JOHN DAY	254.08	254.1	3.09
OREGON-WASHINGTON	12.83	13.32	3.09
OREGON COAST	292.16	292.27	3.09
OREGON COAST	275.58	275.59	3.09
CENTRAL OREGON	174.91	179.92	3.09
CENTRAL OREGON	35.65	35.79	3.09
OREGON COAST	163.07	163.1	3.09
OREGON COAST	45.97	45.98	3.09
WILLAMETTE	70.82	71.32	3.09
THE DALLES-CALIFORNIA	231.94	233.95	3.09
MCKENZIE-BEND	9.15	9.19	3.09
THE DALLES-CALIFORNIA	164.2	164.62	3.09
CENTRAL OREGON	180.15	180.76	3.09
WILLAMETTE	75.49	76.92	3.09
OREGON COAST	351.69	352	3.09
CENTRAL OREGON	92.53	94.58	3.09
OREGON COAST	302.44	302.49	3.09
OREGON COAST	343.94	344.75	3.09
HAPPEL LN. FRONTAGE RD.	24.92	25.07	3.09
THE DALLES-CALIFORNIA	248.75	249.08	3.09
CENTRAL OREGON	139.22	142.22	3.09
THE DALLES-CALIFORNIA	251.94	252.06	3.09
OREGON COAST	275.83	276.05	3.09
THE DALLES-CALIFORNIA	212.26	212.63	3.09
MCKENZIE	107.91	108.04	3.09
OREGON COAST	157.65	157.69	3.09
CENTRAL OREGON	114.11	115.44	3.09
O'BRIEN CREEK FRONTAGE RD.	314.15	314.72	3.09
CENTRAL OREGON	28.73	29.69	3.09
OREGON COAST	297.57	297.73	3.09
THE DALLES-CALIFORNIA	195.51	195.95	3.09
JOHN DAY	143.25	143.91	3.09
CENTRAL OREGON	252.6	252.98	3.09
OREGON COAST	51.67	51.86	3.09
JOHN DAY	273.8	273.83	3.09
THE DALLES-CALIFORNIA	233.95	235.98	3.09
CENTRAL OREGON	106.18	106.89	3.09
OREGON COAST	280.61	280.8	3.09
THE DALLES-CALIFORNIA	207.82	208.33	3.09
JOHN DAY	184.52	184.72	3.09
WINN-STEEN RD. CONN.	21.75	21.95	3.09
WALLOWA LAKE	34.98	35.01	3.09
CENTRAL OREGON	241.83	243.3	3.09
OREGON COAST	71.64	71.7	3.09
WEDDERBURN JCT. CONN. NO 4	327.49	327.5	3.09

THE DALLES-CALIFORNIA	99.22	99.45	3.09
OREGON COAST	92.9	93.68	3.09
JOHN DAY	272.1	272.14	3.09
CENTRAL OREGON	11.43	11.47	3.09
JOHN DAY	254.1	254.16	3.09
OREGON COAST	77.22	77.42	3.09
CENTRAL OREGON	12.6	16.75	3.09
CENTRAL OREGON HWY CONN.	42.4	42.53	3.09
JOHN DAY	259.8	260.41	3.09
CENTRAL OREGON	122.54	123.39	3.09
OREGON COAST	89.77	89.87	3.09
MCKENZIE-BEND	9.13	9.15	3.09
WILLAMETTE	6.93	7.19	3.09
THE DALLES-CALIFORNIA	227.76	229.15	3.09
OREGON COAST	326.43	326.55	3.09
WILLAMETTE	36.37	36.56	3.09
SANTIAM	32.06	32.24	3.09
OREGON COAST	57.06	57.52	3.09
WALLOWA LAKE	24.1	24.61	3.09
CENTRAL OREGON	235.04	237.1	3.09
OREGON COAST	329.96	330.16	3.09
JOHN DAY	196.21	196.85	3.09
OREGON COAST	34.96	35	3.09
OREGON COAST	50.47	50.64	3.09
CENTRAL OREGON	254.19	255.19	3.09
WALLOWA LAKE	23.6	24.1	3.09
THE DALLES-CALIFORNIA	114.29	114.47	3.09
OREGON COAST	165.12	165.22	3.09
MCKENZIE	106.23	106.25	3.09
OREGON COAST	257.86	258.09	3.09
HUNTER CREEK CONN. NO. 2	330.19	330.32	3.09
THE DALLES-CALIFORNIA	216.12	217.59	3.09
OREGON COAST	322.45	322.68	3.09
MCKENZIE-BEND	12.2	12.28	3.09
WALLOWA LAKE	22.21	22.92	3.09
CENTRAL OREGON	121.44	121.88	3.09
WILLAMETTE	81.99	82.34	3.09
JOHN DAY	178.93	179.49	3.09
OREGON COAST	162.6	162.68	3.09
OREGON-WASHINGTON	23.12	23.45	3.09
JOHN DAY	157.59	157.93	3.09
OREGON COAST	280.8	280.85	3.09
THE DALLES-CALIFORNIA	185.39	186.67	3.09
MCKENZIE-BEND	11.97	12.2	3.09
WILLAMETTE	36.56	36.97	3.09
THE DALLES-CALIFORNIA	281.62	282.02	3.09
OREGON COAST	284.56	284.62	3.09
CENTRAL OREGON	21.69	21.95	3.09
CENTRAL OREGON	142.26	144.24	3.09
WILLAMETTE	71.99	72.23	3.09
SANTIAM	32	32.06	3.09
OREGON COAST	15.84	16.01	3.09
CENTRAL OREGON	171.08	171.11	3.09
OREGON COAST	318.37	319.02	3.09
COLUMBIA RIVER	168.21	168.23	3.09
JOHN DAY	261.57	261.96	3.09
OREGON COAST	208.84	209.3	3.09
OREGON COAST	322.12	322.45	3.09
WALLOWA LAKE	28.48	28.58	3.09
THE DALLES-CALIFORNIA	73.17	73.27	3.09
JOHN DAY	156.09	156.24	3.09
OREGON COAST	165.37	165.4	3.09
OREGON COAST	35.45	35.49	3.09
SANTIAM	39.8	39.92	3.09
OREGON COAST	339.26	339.71	3.09
JOHN DAY	254.91	255.22	3.09
MCKENZIE	100.41	102.17	3.09
OREGON COAST	24.85	24.92	3.09
THE DALLES-CALIFORNIA	206.4	206.58	3.09
OREGON COAST	288.32	288.85	3.09
CENTRAL OREGON	227.62	227.76	3.09
OREGON COAST	349.75	350.1	3.09
OREGON COAST	156.62	156.69	3.09
THE DALLES-CALIFORNIA	111.97	112.19	3.09
CENTRAL OREGON	128.06	128.4	3.09
THE DALLES-CALIFORNIA	240.19	241.1	3.09
WILLAMETTE	72.9	72.96	3.09

OREGON COAST	350.45	350.97	3.09
WALLOWA LAKE	39.45	40.38	3.09
CENTRAL OREGON	133.03	133.44	3.09
OREGON COAST	93.68	93.87	3.09
OREGON COAST	287.89	287.92	3.09
THE DALLES-CALIFORNIA	282.32	282.49	3.09
JOHN DAY	160.9	161.04	3.09
OREGON COAST	339.71	341.61	3.09
WALLOWA LAKE	33.56	33.75	3.09
JOHN DAY	154.61	155.3	3.09
OREGON COAST	243.32	243.44	3.09
JOHN DAY	183.47	184.13	3.09
WALLOWA LAKE	36.36	36.47	3.09
THE DALLES-CALIFORNIA	208.8	208.97	3.09
JOHN DAY	260.59	260.68	3.09
OREGON COAST	165.32	165.37	3.09
OREGON COAST	158.1	158.25	3.09
CENTRAL OREGON	164.7	165.96	3.09
OREGON COAST	288.22	288.32	3.09
NESIKA BEACH CONN. NO. 2	320.95	320.99	3.09
JOHN DAY	196.85	198.34	3.09
CENTRAL OREGON	179.92	180.15	3.09
JOHN DAY	240.03	240.07	3.09
OREGON COAST	280.06	280.27	3.09
THE DALLES-CALIFORNIA	238.87	240.19	3.09
OREGON COAST	157.69	157.82	3.09
MCKENZIE	43.85	44.13	3.09
WALLOWA LAKE	18.35	19.07	3.09
HORSE RIDGE FRONTAGE RD.	12.6	13.31	3.09
THE DALLES-CALIFORNIA	283.8	286.28	3.09
THE DALLES-CALIFORNIA	101.81	102.59	3.09
CENTRAL OREGON	72.79	74.61	3.09
OREGON COAST	43.54	43.89	3.09
JOHN DAY	263.96	265.25	3.09
OREGON COAST	45.92	45.97	3.09
JOHN DAY	258.83	259.31	3.09
WILLAMETTE	9.61	10.23	3.09
CENTRAL OREGON	29.69	30.05	3.09
JOHN DAY	255.22	255.25	3.09
OREGON-WASHINGTON	13.32	14.82	3.09
OREGON COAST	34.69	34.83	3.09
OREGON COAST	203.01	203.08	3.09
OREGON COAST	281.85	282.07	3.09
WALLOWA LAKE	15.27	15.86	3.09
CENTRAL OREGON	252.28	252.6	3.09
WILLAMETTE	6.39	6.44	3.09
MCKENZIE	105.63	106.01	3.09
OREGON COAST	163.01	163.06	3.09
JOHN DAY	270.54	271.5	3.09
THE DALLES-CALIFORNIA	282.25	282.32	3.09
BEAVER MARSH S.R.A. CONN 2	206.7	206.84	3.09
CHILOQUIN CONN. NO. 2	247.71	247.79	3.09
OREGON COAST	164.89	165.03	3.09
JOHN DAY	156.24	156.79	3.09
OREGON COAST	35.25	35.27	3.09
OREGON-WASHINGTON	6.19	6.31	3.09
OREGON COAST	92.76	92.9	3.09
CENTRAL OREGON	56.3	58.64	3.09
COLUMBIA RIVER	169.93	170.35	3.09
OREGON COAST	165.07	165.12	3.09
JOHN DAY	199.37	199.61	3.09
OREGON COAST	337.02	337.05	3.09
WALLOWA LAKE	23.52	23.6	3.09
THE DALLES-CALIFORNIA	265.66	267.08	3.09
JOHN DAY	192.48	193.75	3.09
WALLOWA LAKE	42.09	42.19	3.09
CENTRAL OREGON	161.13	164.7	3.09
JOHN DAY	207.31	208.17	3.09
WINN-STEEN RD. CONN.	21.63	21.75	3.09
OREGON COAST	135.23	135.57	3.09
OREGON COAST	163.85	164	3.09
OREGON COAST	280.27	280.47	3.09
OREGON COAST	295.56	295.84	3.09
KNOX O'XING CONN. NO. 3	326.47	326.51	3.09
THE DALLES-CALIFORNIA	205.89	206.17	3.09
OREGON COAST	324.04	324.07	3.09
JOHN DAY	269.24	269.29	3.09

CENTRAL OREGON	255.7	255.95	3.09
THE DALLES-CALIFORNIA	253.15	253.41	3.09
JOHN DAY	213.36	213.83	3.09
THE DALLES-CALIFORNIA	178.01	178.17	3.09
WALLOWA LAKE	44.3	45	3.09
CENTRAL OREGON	238.28	238.41	3.09
CENTRAL OREGON	151.45	151.95	3.09
OREGON COAST	83.76	84.13	3.09
JOHN DAY	155.43	155.66	3.09
MCKENZIE	106.01	106.23	3.09
COLUMBIA RIVER	168.23	169.14	3.09
WILLAMETTE	71.66	71.79	3.09
OREGON COAST	325.97	326.34	3.09
THE DALLES-CALIFORNIA	88.45	89.18	3.09
OREGON COAST	157.52	157.59	3.09
OREGON COAST	326.34	326.39	3.09
BEAVER MARSH S.R.A. NO. 1	205.89	206.4	3.09
CENTRAL OREGON	122.41	122.54	3.09
OREGON COAST	48.53	49.57	3.09
JOHN DAY	259.31	259.38	3.09
OREGON COAST	257.84	257.86	3.09
MCKENZIE	103.71	104.05	3.09
OREGON COAST	286.75	287.09	3.09
OREGON COAST	15.49	15.84	3.09
THE DALLES-CALIFORNIA	282.72	282.87	3.09
JOHN DAY	161.07	161.14	3.09
OREGON COAST	96.86	97.02	3.09
OREGON COAST	53.79	54.18	3.09
THE DALLES-CALIFORNIA	184.94	185.12	3.09
WILLAMETTE CONN. NO. 1	194.84	195.03	3.09
CENTRAL OREGON	238.78	240.15	3.09
CLINE FALLS HWY CONN.	107.47	107.58	3.09
CENTRAL OREGON	238.41	238.78	3.09
OREGON COAST	32.68	32.69	3.09
OREGON COAST	16.09	16.27	3.09
MCKENZIE	107.77	107.91	3.09
WALLOWA LAKE	53.51	54.36	3.09
CENTRAL OREGON	121.88	122.41	3.09
OREGON COAST	287.99	288	3.09
THE DALLES-CALIFORNIA	268.88	269.43	3.09
THE DALLES-CALIFORNIA	226.3	227.76	3.09
WALLOWA LAKE	35.01	36.36	3.09
CENTRAL OREGON	136.31	137.4	3.09
OREGON COAST	325.19	325.26	3.09
KNOX O'XING CONN. NO. 4	326.55	326.63	3.09
CENTRAL OREGON	224.41	224.64	3.09
THE DALLES-CALIFORNIA	225.74	226.3	3.09
MCKENZIE	102.47	103.71	3.09
WILLAMETTE	77.82	80.77	3.09
JOHN DAY	248.53	251.86	3.09
WALLOWA LAKE	4.43	5.08	3.09
CENTRAL OREGON	205.36	213.34	3.09
CENTRAL OREGON	232.97	233.24	3.09
JOHN DAY	208.59	210.29	3.09
BRIDGE ST. FRONTAGE RD.	33.74	33.75	3.09
THE DALLES-CALIFORNIA	268.85	268.88	3.09
CENTRAL OREGON	251.11	251.6	3.09
OREGON COAST	41.56	41.58	3.09
MCKENZIE-BEND	9.04	9.13	3.09
OREGON COAST	327.46	327.48	3.09
THE DALLES-CALIFORNIA	178.17	179.95	3.09
JOHN DAY	158.4	159.13	3.09
OREGON COAST	324.85	325.19	3.09
WALLOWA LAKE	33.77	34.11	3.09
OREGON COAST	319.08	320.95	3.09
OREGON COAST	45.48	45.92	3.09
CENTRAL OREGON	232.22	232.97	3.09
OREGON COAST	32.76	32.8	3.09
JOHN DAY	240.07	243.14	3.09
CENTRAL OREGON	248.8	248.89	3.09
THE DALLES-CALIFORNIA	111.72	111.97	3.09
OREGON COAST	50.25	50.38	3.09
JOHN DAY	272.65	273.8	3.09
CENTRAL OREGON	213.34	214.5	3.09
OREGON COAST	348.25	348.49	3.09
JOHN DAY	275.81	276.09	3.09
OREGON COAST	156.69	156.71	3.09

DEEP CANYON FRONTAGE RD.	99.32	99.85	3.09
WALLOWA LAKE	55.6	57.05	3.09
CENTRAL OREGON	218.88	219.4	3.09
THE DALLES-CALIFORNIA	187.12	187.83	3.09
OREGON COAST	153.47	153.58	3.09
MCKENZIE	107.18	107.34	3.09
OREGON COAST	56.78	57.06	3.09
JOHN DAY	148.24	151.82	3.09
CENTRAL OREGON	251.6	252.28	3.09
OREGON COAST	41.58	42.2	3.09
OREGON COAST	34.68	34.69	3.09
THE DALLES-CALIFORNIA	282.49	282.61	3.09
JOHN DAY	262.72	263.68	3.09
CENTRAL OREGON	46.08	47.31	3.09
OREGON COAST	313.39	313.94	3.09
THE DALLES-CALIFORNIA	179.95	180.54	3.09
WILLAMETTE	8.88	9.06	3.09
CENTRAL OREGON	8.42	8.53	3.09
THE DALLES-CALIFORNIA	175.46	175.65	3.09
OREGON-WASHINGTON	12.75	12.83	3.09
THE DALLES-CALIFORNIA	195.37	195.52	3.09
OREGON COAST	56.41	56.43	3.09
CENTRAL OREGON	155.83	155.92	3.09
OREGON COAST	324.67	324.8	3.09
WEDDERBURN JCT. CONN. NO 4	327.5	327.505	3.09
CENTRAL OREGON	126.83	127.22	3.09
OREGON COAST	295.23	295.56	3.09
THE DALLES-CALIFORNIA	286.28	286.5	3.09
WILLAMETTE	67.4	67.53	3.09
COLUMBIA RIVER	169.14	169.29	3.09
JOHN DAY	183.25	183.47	3.09
OREGON COAST	221.98	222.01	3.09
THE DALLES-CALIFORNIA	286.5	289.12	3.09
JOHN DAY	144	144.5	3.09
OREGON COAST	283.9	284.36	3.09
CENTRAL OREGON	215.81	218.88	3.09
OREGON COAST	215.88	215.92	3.09
OREGON-WASHINGTON	21.75	22.15	3.09
THE DALLES-CALIFORNIA	193.84	194.8	3.09
CENTRAL OREGON	6.18	7.18	3.09
OREGON COAST	96.76	96.81	3.09
OREGON COAST	314.15	315.1	3.09
COLUMBIA RIVER	179.97	180.03	3.09
JOHN DAY	208.45	208.59	3.09
WALLOWA LAKE	14.94	15.27	3.09
THE DALLES-CALIFORNIA	289.25	291.73	3.09
WALLOWA LAKE	3.52	3.6	3.09
OREGON COAST	162.41	162.6	3.09
OREGON COAST	162.03	162.07	3.09
OREGON COAST	153.58	153.67	3.09
THE DALLES-CALIFORNIA	69.74	73.17	3.09
JOHN DAY	265.25	265.31	3.09
OREGON COAST	319.02	319.08	3.09
THE DALLES-CALIFORNIA	252.06	252.29	3.09
JOHN DAY	265.31	265.44	3.09
MCKENZIE-BEND	7.44	7.5	3.09
OREGON COAST	350.1	350.45	3.09
CENTRAL OREGON	16.75	17.44	3.09
OREGON COAST	34.5	34.6	3.09
JOHN DAY	259.38	259.8	3.09
THE DALLES-CALIFORNIA	195.21	195.37	3.09
OREGON COAST	215.2	215.74	3.09
MCKENZIE	106.25	107.18	3.09
CENTRAL OREGON	125.76	125.95	3.09
OREGON COAST	162.91	162.95	3.09
THE DALLES-CALIFORNIA	204.25	204.41	3.09
JOHN DAY	161.04	161.07	3.09
COLUMBIA RIVER	177.81	178.31	3.09
OREGON COAST	157.82	158.1	3.09
OREGON COAST	287.87	287.89	3.09
WALLOWA LAKE	70.04	70.55	3.09
CENTRAL OREGON	99.18	100.85	3.09
KNOX O'XING CONN. NO. 2	326.39	326.43	3.09
THE DALLES-CALIFORNIA	202.41	202.65	3.09
CENTRAL OREGON	108.27	114.11	3.09
WILLAMETTE	71.79	71.99	3.09
MATTHEWS FRONTAGE RD.	2.26	2.49	3.09

OREGON COAST	76.84	77.08	3.09
OREGON COAST	96.81	96.86	3.09
WALLOWA LAKE	3.6	3.77	3.09
CENTRAL OREGON	166	166.7	3.09
CENTRAL OREGON	126.35	126.56	3.09
OREGON COAST	162.07	162.16	3.09
THE DALLES-CALIFORNIA	100.77	101.29	3.09
JOHN DAY	152.29	152.53	3.09
CENTRAL OREGON	253.05	254.19	3.09
OREGON COAST	85.41	85.44	3.09
COLUMBIA RIVER	178.71	179.71	3.09
OREGON COAST	34.9	34.91	3.09
OREGON COAST	131.86	132.45	3.09
THE DALLES-CALIFORNIA	90.16	90.22	3.09
WALLOWA LAKE	34.63	34.98	3.09
WILLAMETTE	86.04	86.45	3.09
JOHN DAY	156.79	157.59	3.09
THE DALLES-CALIFORNIA	223.93	225.22	3.09
JOHN DAY	171.72	173.32	3.09
OREGON COAST	323.36	323.75	3.09
COLUMBIA RIVER	170.94	171.21	3.09
OREGON COAST	165.03	165.07	3.09
CENTRAL OREGON	63.91	66.31	3.09
OREGON COAST	285.78	286.75	3.09
THE DALLES-CALIFORNIA	73.27	74.26	3.09
JOHN DAY	251.86	252	3.09
JOHN DAY	269.29	270.09	3.09
CENTRAL OREGON	166.7	167.57	3.09
OREGON COAST	34.64	34.66	3.09
OREGON COAST	182.16	182.25	3.09
MCKENZIE	13.94	14.33	3.09
OREGON COAST	209.52	209.58	3.09
CENTRAL OREGON	7.55	7.76	3.09
CENTRAL OREGON	214.5	215.81	3.09
MYERS CREEK CONN. NO. 1	337.02	337.05	3.09
COLUMBIA RIVER	169.29	169.93	3.09
OREGON COAST	54.18	54.25	3.09
THE DALLES-CALIFORNIA	243.75	244.09	3.09
OREGON COAST	349.21	349.31	3.09
CENTRAL OREGON	133.44	133.68	3.09
WILLAMETTE	8.55	8.88	3.09
OREGON COAST	95.22	95.32	3.09
CENTRAL OREGON	237.1	237.23	3.09
OREGON COAST	347.09	347.21	3.09
OREGON COAST	151.18	151.43	3.09
CENTRAL OREGON	123.62	125.76	3.09
OREGON COAST	35.36	35.4	3.09
OREGON COAST	316.96	318.37	3.09
JOHN DAY	170.47	171.72	3.09
CENTRAL OREGON	232.08	232.22	3.09
THE DALLES-CALIFORNIA	68.89	69.74	3.09
WILLAMETTE	9.06	9.41	3.09
DEEP CANYON FRONTAGE RD.	99.31	99.32	3.09
WALLOWA LAKE	27.25	27.56	3.09
THE DALLES-CALIFORNIA	177.52	178.01	3.09
JOHN DAY	238.08	240.03	3.09
OREGON-WASHINGTON	9.06	11.64	3.09
THE DALLES-CALIFORNIA	100.07	100.76	3.09
OREGON COAST	325.26	325.97	3.09
OREGON COAST	91.98	92.02	3.09
CENTRAL OREGON	83.79	84.56	3.09
COLUMBIA RIVER	171.89	171.92	3.09
OREGON COAST	165.45	165.49	3.09
OREGON COAST	330.29	330.76	3.09
OREGON COAST	297.97	298.09	3.09
WALLOWA LAKE	9.2	9.71	3.09
JOHN DAY	157.93	158.4	3.09
OREGON COAST	77.08	77.22	3.09
WALLOWA LAKE	18.16	18.35	3.09
THE DALLES-CALIFORNIA	235.98	236.85	3.09
OREGON COAST	153.67	153.73	3.09
OREGON COAST	302.25	302.28	3.09
OREGON COAST	50.38	50.47	3.09
SANTIAM	41.39	42.2	3.09
OREGON COAST	287.09	287.28	3.09
OREGON COAST	231.77	231.9	3.09
KNOX O'XING CONN. NO. 5	326.3	326.39	3.09

JOHN DAY	177.14	178.93	3.09
CENTRAL OREGON	9.45	10.94	3.09
THE DALLES-CALIFORNIA	67.02	67.08	3.09
JOHN DAY	230.7	231.22	3.09
WILLAMETTE	80.77	80.82	3.09
CENTRAL OREGON	20.96	20.97	3.09
OREGON COAST	280.99	281.19	3.09
THE DALLES-CALIFORNIA	282.05	282.25	3.09
JOHN DAY	253.18	253.43	3.09
OLD OREGON TRAIL CONN NO 2	167.94	167.99	3.09
MCKENZIE	95.47	95.84	3.09
WALLOWA LAKE	40.68	41.73	3.09
CENTRAL OREGON	219.4	220.21	3.09
WILLAMETTE	76.92	77.82	3.09
OREGON COAST	16.01	16.09	3.09
RHINEHART FRONTAGE RD.	15.86	16.89	3.09
CENTRAL OREGON	193	193.07	3.09
MCKENZIE-BEND	7.5	7.87	3.09
MCKENZIE	95.09	95.47	3.09
OREGON COAST	330.76	331.07	3.09
OREGON COAST	161.9	162.03	3.09
OREGON COAST	331.85	331.89	3.09
WALLOWA LAKE	9.92	10.95	3.09
CENTRAL OREGON	149.9	151.45	3.09
WILLAMETTE	2.26	2.64	3.09
OREGON COAST	72.87	73.25	3.09
JOHN DAY	155.78	155.83	3.09
OREGON COAST	323.75	324.04	3.09
CENTRAL OREGON	240.15	240.68	3.09
THE DALLES-CALIFORNIA	100.76	100.77	3.09
JOHN DAY	213.83	214.51	3.09
OREGON COAST	349.71	349.75	3.09
JOHN DAY	152.87	153.45	3.09
OREGON COAST	34.44	34.47	3.09
THE DALLES-CALIFORNIA	212.63	213.09	3.09
CENTRAL OREGON	34.25	35.65	3.09
THE DALLES-CALIFORNIA	89.66	90.16	3.09
JOHN DAY	274.85	274.96	3.09
WILLAMETTE	8.23	8.55	3.09
CROOKED RIVER	42.4	42.51	3.09
JOHN DAY	193.75	193.77	3.09
WALLOWA LAKE	69.29	69.88	3.09
OREGON COAST	186.09	186.31	3.09
OREGON-WASHINGTON	22.15	22.89	3.09
THE DALLES-CALIFORNIA	110.72	111.72	3.09
WALLOWA LAKE	63.45	63.95	3.09
WEDDERBURN JCT. CONN. NO 3	327.5	327.53	3.09
THE DALLES-CALIFORNIA	186.67	186.81	3.09
JOHN DAY	160.84	160.9	3.09
CENTRAL OREGON	248.02	248.71	3.09
OREGON COAST	131.23	131.42	3.09
THE DALLES-CALIFORNIA	247.45	247.6	3.09
MCKENZIE-BEND	9.19	9.72	3.09
MCKENZIE	105.49	105.63	3.09
JOHN DAY	143.98	144	3.09
THE DALLES-CALIFORNIA	113.7	113.84	3.09
THE DALLES-CALIFORNIA	189.09	189.28	3.09
CENTRAL OREGON	3.86	4.57	3.09
OREGON COAST	73.47	74.28	3.09
OREGON COAST	154.37	154.48	3.09
GEISEL MONUMENT CONN.	322.08	322.17	3.09
JOHN DAY	132.46	132.64	3.09
OREGON COAST	313.11	313.39	3.09
JOHN DAY	271.5	272.1	3.09
CENTRAL OREGON	137.4	138.3	3.09
OREGON COAST	276.05	276.22	3.09
CENTRAL OREGON	144.24	146.91	3.09
OREGON COAST	94.95	95.11	3.09
COLUMBIA RIVER	168.19	168.21	3.09
WILLAMETTE	6.44	6.93	3.09
OREGON COAST	327.1	327.46	3.09
THE DALLES-CALIFORNIA	175.86	176.57	3.09
MCKENZIE-BEND	9.72	10.07	3.09
OREGON COAST	337.97	339.26	3.09
OREGON COAST	149.92	150.05	3.09
COUNTY RD. CONN. NO. 1	107.91	108.05	3.09
OREGON COAST	152.58	152.67	3.09

COLUMBIA RIVER	171.21	171.85	3.09
JOHN DAY	141.34	143.25	3.09
OREGON COAST	34.88	34.9	3.09
CENTRAL OREGON	243.3	244.31	3.09
OREGON COAST	49.73	49.77	3.09
WALLOWA LAKE	43.57	44.3	3.09
OREGON COAST	186.67	186.8	3.09
JOHN DAY	160.05	160.19	3.09
THE DALLES-CALIFORNIA	194.8	195.21	3.09
OREGON COAST	34.6	34.64	3.09
THE DALLES-CALIFORNIA	202.79	202.82	3.09
JOHN DAY	160.19	160.53	3.09
OREGON COAST	282.78	283.07	3.09
OREGON COAST	90.37	90.4	3.09
OREGON COAST	92.21	92.76	3.09
MCKENZIE	94.56	95.09	3.09
COLUMBIA RIVER	180.35	180.63	3.09
WILLAMETTE	67.85	69.41	3.09
OREGON COAST	313.94	314.15	3.09
THE DALLES-CALIFORNIA	113.66	113.7	3.09
JOHN DAY	181.93	183.21	3.09
WILLAMETTE	80.82	81.99	3.09
THE DALLES-CALIFORNIA	289.12	289.25	3.09
OREGON COAST	281.3	281.33	3.09
OREGON COAST	229.61	229.87	3.09
OREGON COAST	157.51	157.52	3.09
CENTRAL OREGON	79.56	81.7	3.09
OREGON COAST	258.09	258.34	3.09
OREGON COAST	327.48	327.49	3.09
WILLAMETTE	71.43	71.66	3.09
OREGON COAST	34.66	34.68	3.09
THE DALLES-CALIFORNIA	236.85	237.05	3.09
JOHN DAY	187.39	190.23	3.09
CENTRAL OREGON	8.17	8.35	3.09
JOHN DAY	144.5	146.08	3.09
CENTRAL OREGON	66.31	67.2	3.09
JOHN DAY	263.68	263.92	3.09
THE DALLES-CALIFORNIA	204.05	204.08	3.09
JOHN DAY	260.68	260.87	3.09
WILLAMETTE	83.75	85.78	3.09
CENTRAL OREGON	142.22	142.26	3.09
OREGON COAST	56.75	56.77	3.09
WALLOWA LAKE	3.24	3.26	3.09
OREGON COAST	54.25	54.83	3.09
THE DALLES-CALIFORNIA	195.37	195.51	3.09
CENTRAL OREGON	103.16	104.17	3.09
OREGON COAST	322.75	323.04	3.09
WALLOWA LAKE	9.71	9.92	3.09
CENTRAL OREGON	228.31	229.98	3.09
JOHN DAY	159.52	159.7	3.09
CENTRAL OREGON	255.95	256.2	3.09
OREGON COAST	96.08	96.15	3.09
JOHN DAY	136.88	141.34	3.09
JOHN DAY	222.9	227.8	3.09
OREGON COAST	45.37	45.82	3.09
THE DALLES-CALIFORNIA	282.02	282.05	3.09
OREGON COAST	151.43	151.51	3.09
MCKENZIE	99.31	99.66	3.09
CENTRAL OREGON	103.03	103.16	3.09
HUNTER CREEK CONN. NO. 1	330.29	330.31	3.09
THE DALLES-CALIFORNIA	204.41	204.78	3.09
JOHN DAY	276.32	277.03	3.09
OREGON COAST	289.94	290.58	3.09
THE DALLES-CALIFORNIA	247.6	247.71	3.09
MCKENZIE-BEND	3.52	3.79	3.09
OREGON COAST	324.8	324.85	3.09
MCKENZIE	104.47	105.49	3.09
JOHN DAY	133.49	136.88	3.09
CENTRAL OREGON	227.76	227.92	3.09
THE DALLES-CALIFORNIA	242.63	243.75	3.09
OREGON COAST	74.28	74.37	3.09
MCKENZIE	95.84	96.11	3.09
OREGON COAST	164.85	164.89	3.09
CENTRAL OREGON	11.28	11.43	3.09
CENTRAL OREGON	134.29	134.31	3.09
WILLAMETTE	70.45	70.82	3.09
OREGON COAST	185.97	186.07	3.09

CENTRAL OREGON	138.3	139.22	3.09
MCKENZIE-BEND	4.77	4.93	3.09
THE DALLES-CALIFORNIA	206.7	206.78	3.09
JOHN DAY	254.7	254.91	3.09
CENTRAL OREGON	9.16	9.45	3.09
OREGON COAST	24.92	24.93	3.09
OREGON COAST	82.96	83.76	3.09
CENTRAL OREGON	96.74	99.18	3.09
OREGON COAST	347.21	348.25	3.09
OREGON COAST	34.91	34.96	3.09
WALLOWA LAKE	8.37	9.2	3.09
OREGON COAST	163.06	163.07	3.09
WEDDERBURN JCT. CONN. NO 1	327.46	327.5	3.09
OREGON COAST	186.31	186.37	3.09
COLUMBIA RIVER	167.58	167.87	3.09
JOHN DAY	267.96	269.24	3.09
OREGON COAST	90.33	90.37	3.09
CENTRAL OREGON	11.81	12.6	3.09
OREGON COAST	345.51	347.09	3.09
OREGON-WASHINGTON	12.72	12.75	3.09
THE DALLES-CALIFORNIA	99.89	100.07	3.09
CENTRAL OREGON	4.57	4.79	3.09
CENTRAL OREGON	69.25	71.4	3.09
COLUMBIA RIVER	171.85	171.89	3.09
THE DALLES-CALIFORNIA	186.97	187.12	3.09
JOHN DAY	159.87	160.05	3.09
OREGON COAST	183.89	183.97	3.09
WALLOWA LAKE	45.37	46.13	3.09
THE DALLES-CALIFORNIA	67.08	67.17	3.09
JOHN DAY	151.82	152.29	3.09
CENTRAL OREGON	24.24	25.29	3.09
JOHN DAY	146.1	146.25	3.09
CENTRAL OREGON	230.95	232.08	3.09
OREGON COAST	13.45	13.76	3.09
THE DALLES-CALIFORNIA	186.81	186.86	3.09
OREGON COAST	281.19	281.3	3.09
CENTRAL OREGON	127.46	127.51	3.09
OREGON COAST	287.82	287.87	3.09
THE DALLES-CALIFORNIA	279.37	280.12	3.09
MCKENZIE-BEND	1.36	2.18	3.09
COLUMBIA RIVER	173.18	174.26	3.09
CENTRAL OREGON	255.38	255.7	3.09
OREGON COAST	280.85	280.91	3.09
THE DALLES-CALIFORNIA	208.33	208.8	3.09
JOHN DAY	215.75	218.48	3.09
OREGON COAST	151.81	152.38	3.09
OREGON COAST	288.11	288.15	3.09
WALLOWA LAKE	24.61	25.38	3.09
OREGON COAST	71.82	72.12	3.09
JOHN DAY	277.03	277.21	3.09
THE DALLES-CALIFORNIA	252.29	252.36	3.09
CENTRAL OREGON	167.57	170.24	3.09
OREGON COAST	284.36	284.56	3.09
MCKENZIE-BEND	12.28	13.08	3.09
OREGON COAST	149.89	149.92	3.09
WILLAMETTE	71.32	71.43	3.09
OREGON COAST	302.41	302.44	3.09
BEAVER MARSH S.R.A. CONN 2	207.07	207.22	3.09
OREGON COAST	326.55	327.1	3.09
OREGON COAST	45.98	46.5	3.09
WALLOWA LAKE	6.81	8.37	3.09
WALLOWA LAKE	22.92	23.52	3.09
JOHN DAY	146.25	148.24	3.09
SANTIAM	32.24	32.41	3.09
OREGON COAST	32.73	32.76	3.09
WALLOWA LAKE	29.67	33	3.09
THE DALLES-CALIFORNIA	206.58	206.7	3.09
JOHN DAY	260.41	260.59	3.09
OREGON COAST	209.5	209.52	3.09
WILLAMETTE CONN. NO. 2	195.37	195.4	3.09
OREGON COAST	95.77	95.99	3.09
WALLOWA LAKE	34.14	34.63	3.09
THE DALLES-CALIFORNIA	194.8	194.84	3.09
OREGON COAST	219.87	220.09	3.09
COLUMBIA RIVER	178.31	178.7	3.09
OREGON COAST	51.88	51.97	3.09
JOHN DAY	184.72	186.16	3.09

JOHN DAY	261.96	262.72	3.09
CENTRAL OREGON	256.2	256.7	3.09
JOHN DAY	155.66	155.78	3.09
CENTRAL OREGON	17.45	17.6	3.09
THE DALLES-CALIFORNIA	257.83	262.81	3.09
JOHN DAY	192.24	192.48	3.09
OREGON-WASHINGTON	5.61	6.19	3.09
E CASCADE LOCKS CONN. NO.1	44.98	45.05	3.09
OREGON COAST	348.49	349.21	3.09
WALLOWA LAKE	60.67	63.45	3.09
CENTRAL OREGON	74.61	77	3.09
OREGON COAST	73.25	73.47	3.09
OREGON COAST	290.58	292.16	3.09
NESIKA BEACH CONN. NO. 1	320.95	320.99	3.09
CENTRAL OREGON	247.48	247.89	3.09
THE DALLES-CALIFORNIA	281.38	281.62	3.09
OREGON COAST	349.31	349.71	3.09
MCKENZIE	99.28	99.31	3.09
OREGON COAST	287.68	287.77	3.09
WALLOWA LAKE	36.47	39.45	3.09
OREGON COAST	157.59	157.65	3.09
JOHN DAY	159.13	159.52	3.09
OREGON COAST	162.77	162.81	3.09
THE DALLES-CALIFORNIA	262.81	263.14	3.09
COLUMBIA RIVER	180.13	180.35	3.09
OREGON COAST	95.99	96.08	3.09
WALLOWA LAKE	42.19	43.57	3.09
THE DALLES-CALIFORNIA	89.18	89.38	3.09
OREGON COAST	35.12	35.25	3.09
WALLOWA LAKE	69.88	70.04	3.09
CENTRAL OREGON	91.27	92.53	3.09
THE DALLES-CALIFORNIA	99.45	99.46	3.09
COLUMBIA RIVER	176.66	177.81	3.09
JOHN DAY	218.48	222.2	3.09
THE DALLES-CALIFORNIA	252.36	253.15	3.09
CENTRAL OREGON	100.85	101.09	3.09
OREGON COAST	287.96	287.99	3.09
THE DALLES-CALIFORNIA	208.97	209.14	3.09
OREGON COAST	295.07	295.23	3.09
OREGON COAST	154.26	154.37	3.09
JOHN DAY	131.94	132.46	3.09
WILLAMETTE	86.04	86.12	3.09
JOHN DAY	146.08	146.1	3.09
OREGON COAST	331.07	331.85	3.09
JOHN DAY	274.96	275.81	3.09
KLAMATH FALLS-LAKEVIEW	34.42	34.43	3.09
REDWOOD	8.79	8.98	3.09
CORVALLIS-NEWPORT	49.07	49.15	3.09
FLORENCE-EUGENE	8.31	8.48	3.09
FLORENCE-EUGENE	3.31	3.48	3.09
WARM SPRINGS	111.78	112.48	3.09
LOWER COLUMBIA RIVER	70.76	71.02	3.09
LAKEVIEW-BURNS	14.8	15.88	3.09
PACIFIC HIGHWAY WEST	29.73	29.79	3.09
SHERMAN	12.81	13.01	3.09
NORTH SANTIAM	50.93	50.94	3.09
KLAMATH FALLS-LAKEVIEW	60.93	61.31	3.09
OCHOCO	21.21	21.26	3.09
SHERMAN	16.9	17.74	3.09
OCHOCO	22.5	22.75	3.09
JOHN DAY-BURNS	6.8	9.65	3.09
SHERMAN	34.6	35.15	3.09
PACIFIC HIGHWAY WEST	57.56	57.58	3.09
PENDLETON-JOHN DAY	48.45	48.87	3.09
NORTH SANTIAM	19.73	20.51	3.09
SUNSET	52.67	53.01	3.09
KLAMATH FALLS-LAKEVIEW	19.08	20.26	3.09
UMPQUA	16.57	16.83	3.09
LAKEVIEW-BURNS	37.28	41.51	3.09
COOS BAY-ROSEBURG	23.58	23.72	3.09
SUNSET	47.05	47.24	3.09
COOS BAY-ROSEBURG	7.94	8.94	3.09
REDWOOD	21.25	21.36	3.09
RICKREALL INTCHGE. CONN. 3	16.88	16.95	3.09
COUNTY RD. CONN.	86.61	86.63	3.09
JOHN DAY-BURNS	18.24	21.15	3.09
PACIFIC HIGHWAY WEST	28.05	28.07	3.09

FREMONT	135.73	136.57	3.09
MT. HOOD	90.82	90.89	3.09
SALMON RIVER	23.31	23.43	3.09
DERSHAM RD. CONN. NO. 2	55.13	55.27	3.09
REDWOOD	8.7	8.74	3.09
COOS BAY-ROSEBURG	33.38	33.42	3.09
FREMONT	137.35	138.34	3.09
LOWER COLUMBIA RIVER	36.72	36.85	3.09
JOHN DAY-BURNS	4.3	4.81	3.09
PENDLETON-JOHN DAY	60.89	61.66	3.09
MT. HOOD	97.08	97.15	3.09
KLAMATH FALLS-LAKEVIEW	69.57	70.82	3.09
UMPQUA	53.71	53.78	3.09
ROAD CONN.	34.31	34.39	3.09
PACIFIC HIGHWAY WEST	27.09	27.21	3.09
KLAMATH FALLS-LAKEVIEW	93.95	95.37	3.09
UMPQUA	56.37	56.84	3.09
VERBOORT PURDIN CONN NO 1	88.02	88.05	3.09
WILLAMINA-SALEM	2.03	2.53	3.09
LAKEVIEW-BURNS	67.7	81.23	3.09
PACIFIC HIGHWAY WEST	29.18	29.21	3.09
PENDLETON-JOHN DAY	98.33	98.82	3.09
MT. HOOD	97.79	98.8	3.09
LOWER COLUMBIA RIVER	66.72	67.02	3.09
SHERMAN	56.57	58.13	3.09
PENDLETON-JOHN DAY	6.68	7.27	3.09
NORTH SANTIAM	50.46	50.84	3.09
SUNSET	48.21	48.82	3.09
UMPQUA	40.04	40.93	3.09
VERBOORT PURDIN CONN NO 1	88.067	88.07	3.09
WILLAMINA-SALEM	15.85	16.17	3.09
LAKEVIEW-BURNS	7.34	9.76	3.09
PENDLETON-JOHN DAY	42.04	44.56	3.09
COOS BAY-ROSEBURG	59.51	59.87	3.09
MT. HOOD	93.76	94.17	3.09
PACIFIC HIGHWAY WEST	27.31	27.39	3.09
KLAMATH FALLS-LAKEVIEW	31.1	31.43	3.09
CORVALLIS-NEWPORT	35.8	36.63	3.09
NORTH SANTIAM	50.28	50.46	3.09
COOS BAY-ROSEBURG	29.15	29.21	3.09
KLAMATH FALLS-LAKEVIEW	88.74	89.06	3.09
LAKEVIEW-BURNS	60.47	63.58	3.09
PENDLETON-JOHN DAY	50.22	50.94	3.09
MT. HOOD	93.43	93.45	3.09
MT. HOOD	89.91	90.37	3.09
LOWER COLUMBIA RIVER	89.1	89.13	3.09
MT. HOOD	78.86	79.04	3.09
SALMON RIVER	40.51	40.76	3.09
SUNSET	46.37	47.05	3.09
KLAMATH FALLS-LAKEVIEW	16.42	19.02	3.09
SHERMAN	10.69	10.75	3.09
NORTH SANTIAM	17.29	17.89	3.09
TIERNAN FRONTAGE RD.	9.08	9.19	3.09
WILLAMINA-SALEM	10.24	10.86	3.09
WARM SPRINGS	113.61	113.95	3.09
OCHOCO	23.34	23.59	3.09
FLORENCE-EUGENE	43	43.1	3.09
SHERMAN	56.53	56.57	3.09
SALMON RIVER	27.94	28.21	3.09
SUNSET	48.82	49.31	3.09
COOS BAY-ROSEBURG	30.93	31.23	3.09
KLAMATH FALLS-LAKEVIEW	60.58	60.67	3.09
JOHN DAY-BURNS	17.72	18.24	3.09
MT. HOOD	76.91	77.52	3.09
SHERMAN	20.1	20.77	3.09
UMPQUA	19.12	19.18	3.09
SUNSET HWY CONN. NO. 2	80.96	81	3.09
KLAMATH FALLS-MALIN	9.69	10.57	3.09
PENDLETON-JOHN DAY	110.06	110.39	3.09
COOS BAY-ROSEBURG	7.69	7.7	3.09
FREMONT	142.09	142.15	3.09
MT. HOOD	64.99	65.3	3.09
KLAMATH FALLS-LAKEVIEW	10.1	11.32	3.09
CORVALLIS-NEWPORT	40.08	40.52	3.09
FREMONT	152.51	156.4	3.09
NEHALEM	81.49	82.03	3.09
WILLAMINA-SALEM	16.55	17.32	3.09

OCHOCO	81.59	84.98	3.09
LAKEVIEW-BURNS	52.38	58.93	3.09
PACIFIC HIGHWAY WEST	27.09	27.2	3.09
PENDLETON-JOHN DAY	29.45	32.63	3.09
MT. HOOD	69.5	69.59	3.09
WILLAMINA-SALEM HWY.CONN.2	57.56	57.63	3.09
MT. HOOD	97.32	97.59	3.09
MT. HOOD	73.75	73.83	3.09
COOS BAY-ROSEBURG	60.12	60.14	3.09
KLAMATH FALLS-LAKEVIEW	8.3	10.1	3.09
OCHOCO	25.21	25.86	3.09
LOWER COLUMBIA RIVER	92.67	92.84	3.09
SALMON RIVER	27.94	28.21	3.09
REDWOOD	31.32	31.33	3.09
NORTH SANTIAM	21.52	21.74	3.09
LA GRANDE-BAKER	5.62	5.67	3.09
WILLAMINA-SALEM	1.24	2.03	3.09
OCHOCO	32.21	34.82	3.09
PENDLETON-JOHN DAY	99.63	100.41	3.09
SUNSET	49.39	49.68	3.09
COOS BAY-ROSEBURG	69.51	71.15	3.09
KLAMATH FALLS-LAKEVIEW	62.83	62.89	3.09
OCHOCO	46.29	46.94	3.09
SHERMAN	21.86	23.66	3.09
CORVALLIS-NEWPORT	43.61	44.57	3.09
OCHOCO	9.35	9.85	3.09
MT. HOOD	77.52	78.86	3.09
FULTON CANYON CONN. NO. 1	8.61	8.8	3.09
KLAMATH FALLS-LAKEVIEW	59.79	60.58	3.09
CRATER LAKE	103.72	103.95	3.09
VERBOORT PURDIN CONN NO 1	88.07	88.076	3.09
KLAMATH FALLS-LAKEVIEW	30.99	31.1	3.09
LOWER COLUMBIA RIVER	63.69	63.71	3.09
CORVALLIS-NEWPORT	39.53	39.93	3.09
NORTH SANTIAM	23.44	23.84	3.09
KLAMATH FALLS-LAKEVIEW	95.5	95.57	3.09
UMPQUA	0.63	2.2	3.09
THREE RIVERS	24.32	24.97	3.09
LAKEVIEW-BURNS	33.24	34.96	3.09
PENDLETON-JOHN DAY	7.9	8.81	3.09
LOWER COLUMBIA RIVER	72.51	72.58	3.09
SALMON RIVER	20.67	20.77	3.09
N. PLAINS CONN. NO. 5	56.71	56.93	3.09
KLAMATH FALLS-LAKEVIEW	15.23	16.42	3.09
REDWOOD	9.33	10.02	3.09
SHERMAN	15.58	16.47	3.09
VERBOORT PURDIN CONN NO 1	87.894	87.9	3.09
FLORENCE-EUGENE	40.78	40.93	3.09
FREMONT	120.53	120.57	3.09
WILLAMINA-SALEM	19.32	19.34	3.09
LOWER COLUMBIA RIVER	53.41	53.42	3.09
LAKEVIEW-BURNS	15.88	17.48	3.09
LOWER COLUMBIA RIVER	93.04	93.25	3.09
SALMON RIVER	7.69	8.22	3.09
SUNSET	50.75	52.33	3.09
KLAMATH FALLS-LAKEVIEW	61.98	62	3.09
UMPQUA	54.27	54.45	3.09
SHERMAN	16.47	16.9	3.09
OCHOCO	29.98	31.14	3.09
JOHN DAY-BURNS	35.42	36.24	3.09
REDWOOD	7.61	7.67	3.09
MT. HOOD	67.62	67.93	3.09
SHERMAN	61.55	62.76	3.09
PACIFIC HIGHWAY WEST	29.21	29.73	3.09
PENDLETON-JOHN DAY	18.5	22.52	3.09
KLAMATH FALLS-LAKEVIEW	58.11	58.38	3.09
REDWOOD	30.34	30.43	3.09
UMPQUA	38.21	38.28	3.09
VERBOORT PURDIN CONN NO 1	88.04	88.07	3.09
CORVALLIS-NEWPORT	2.24	2.42	3.09
LAKEVIEW-BURNS	22.01	23.25	3.09
PACIFIC HIGHWAY WEST	26.87	27.09	3.09
COOS BAY-ROSEBURG	30.5	30.69	3.09
JOHN DAY-BURNS	42.38	42.63	3.09
COOS BAY-ROSEBURG	29.21	29.47	3.09
WILLAMINA-SALEM	1.14E-13	0.14	3.09
PACIFIC HIGHWAY WEST	29.81	29.85	3.09

PENDLETON-JOHN DAY	38.56	39.38	3.09
SALMON RIVER	29.13	29.28	3.09
SUNSET	53.21	53.51	3.09
KLAMATH FALLS-LAKEVIEW	91.73	92.54	3.09
REDWOOD	31.8	32.36	3.09
NEHALEM	87.05	87.9	3.09
KLAMATH FALLS-MALIN	16.51	16.76	3.09
COOS BAY-ROSEBURG	64.12	64.13	3.09
SHERMAN	2.18	4.46	3.09
CORVALLIS-NEWPORT	7.79	7.89	3.09
KLAMATH FALLS-LAKEVIEW	20.26	21.96	3.09
UMPQUA	19.78	19.79	3.09
ALBANY-CORVALLIS	6.42	7.19	3.09
FREMONT	127.82	128.37	3.09
UMPQUA	56.87	57.12	3.09
PENDLETON-JOHN DAY	103.54	104.16	3.09
LOWER COLUMBIA RIVER	73.05	73.33	3.09
SALMON RIVER	35.2	35.62	3.09
N. PLAINS CONN. NO. 1	56.98	57.17	3.09
KLAMATH FALLS-LAKEVIEW	11.32	11.96	3.09
REDWOOD	31.51	31.8	3.09
SHERMAN	11.12	11.72	3.09
FREMONT	142.62	142.63	3.09
WILLAMINA-SALEM	6.87	8.23	3.09
LAKEVIEW-BURNS	35.16	35.76	3.09
SHERMAN	62.76	68.54	3.09
MT. HOOD	63.98	64	3.09
MT. HOOD	82.62	83.55	3.09
WALLACE BRIDGE CONN. NO. 2	0.54	0.6	3.09
KLAMATH FALLS-LAKEVIEW	58.43	59.79	3.09
OCHOCO	31.14	32.21	3.09
COOS BAY-ROSEBURG	28.7	29.15	3.09
WILLAMINA-SALEM	18.97	19.3	3.09
LOWER COLUMBIA RIVER	65.99	66.72	3.09
OCHOCO	22.76	23.13	3.09
JOHN DAY-BURNS	5.29	5.76	3.09
NEHALEM	87.92	88.08	3.09
REDWOOD	14.16	14.71	3.09
PENDLETON-JOHN DAY	63.73	63.96	3.09
SALMON RIVER	36.93	38.26	3.09
NORTH SANTIAM	52.96	53.12	3.09
SUNSET	47.24	47.46	3.09
KLAMATH FALLS-LAKEVIEW	63.42	63.57	3.09
UMPQUA	43.71	43.73	3.09
RICKREALL INTCHGE. CONN. 1	15.85	16.14	3.09
LAKEVIEW-BURNS	41.51	42.31	3.09
PACIFIC HIGHWAY WEST	57.49	57.56	3.09
PENDLETON-JOHN DAY	7.42	7.9	3.09
MT. HOOD	93.75	93.76	3.09
LOWER COLUMBIA RIVER	56.05	56.21	3.09
NORTH SANTIAM	15.68	16.46	3.09
WILSON RIVER HWY CONN.	53.21	53.34	3.09
NORTH SANTIAM	20.51	20.82	3.09
KLAMATH FALLS-LAKEVIEW	93.91	93.95	3.09
REDWOOD	27.57	27.75	3.09
LOWER COLUMBIA RIVER	92.87	93.04	3.09
OCHOCO	28.45	28.62	3.09
LAKEVIEW-BURNS	29.27	30	3.09
PENDLETON-JOHN DAY	23.68	29.45	3.09
UMPQUA	22.75	24.69	3.09
LOWER COLUMBIA RIVER	50.22	50.25	3.09
MT. HOOD	99.37	99.7	3.09
MT. HOOD	73.83	76.1	3.09
SUNSET	49.31	49.39	3.09
KLAMATH FALLS-LAKEVIEW	37.17	39.02	3.09
OCHOCO	28.11	28.45	3.09
SHERMAN	41.5	42.51	3.09
CORVALLIS-NEWPORT	44.57	44.68	3.09
SHERMAN	47.12	48.81	3.09
CORVALLIS-NEWPORT	47.18	47.43	3.09
NORTH SANTIAM	21.2	21.34	3.09
SUNSET	52.62	52.67	3.09
KLAMATH FALLS-LAKEVIEW	95.37	95.44	3.09
ALBANY-CORVALLIS	6.41	6.42	3.09
OCHOCO	58.36	59.74	3.09
LAKEVIEW-BURNS	42.31	44.08	3.09
PENDLETON-JOHN DAY	23.64	23.68	3.09

COOS BAY-ROSEBURG	32.23	32.45	3.09
MT. HOOD	95.25	95.26	3.09
LOWER COLUMBIA RIVER	72.58	72.86	3.09
NORTH SANTIAM	53.71	54.54	3.09
KLAMATH FALLS-LAKEVIEW	82.09	82.83	3.09
SHERMAN	68.54	68.66	3.09
CORVALLIS-NEWPORT	41.28	41.59	3.09
WILLAMINA-SALEM	8.41	8.56	3.09
OCHOCO	22.75	22.76	3.09
JOHN DAY-BURNS	27.74	29.58	3.09
SALMON RIVER	6.89	7.69	3.09
KLAMATH FALLS-LAKEVIEW	76.74	77.5	3.09
OCHOCO	26.84	26.86	3.09
UMPQUA	19.73	19.78	3.09
LOWER COLUMBIA RIVER	36.25	36.53	3.09
OCHOCO	90.27	91.4	3.09
VERBOORT PURDIN CONN NO 1	87.92	87.923	3.09
MT. HOOD	89.59	89.76	3.09
SHERMAN	56.41	56.45	3.09
PACIFIC HIGHWAY WEST	27.48	27.89	3.09
MT. HOOD	91.77	91.89	3.09
KLAMATH FALLS-LAKEVIEW	54.76	54.85	3.09
NEHALEM	87.9	88.05	3.09
LAKEVIEW-BURNS	48.43	48.61	3.09
MT. HOOD	89.47	89.48	3.09
MT. HOOD	90.89	91.02	3.09
NORTH SANTIAM	50.06	50.1	3.09
KLAMATH FALLS-LAKEVIEW	27.93	30.11	3.09
SHERMAN	14.9	14.94	3.09
COOS BAY-ROSEBURG	31.26	31.44	3.09
WILLAMINA-SALEM	12.72	13.6	3.09
LOWER COLUMBIA RIVER	42	42.2	3.09
OCHOCO	11.1	11.35	3.09
LAKEVIEW-BURNS	66.89	67.7	3.09
UMPQUA	19.79	20.28	3.09
KLAMATH FALLS-MALIN	11.07	11.76	3.09
MT. HOOD	70.14	70.52	3.09
SALMON RIVER	36.23	36.93	3.09
KLAMATH FALLS-LAKEVIEW	61.31	61.98	3.09
OCHOCO	26.28	26.61	3.09
SHERMAN	15.09	15.4	3.09
CORVALLIS-NEWPORT	34.35	35	3.09
WARM SPRINGS	108.88	110.75	3.09
JOHN DAY-BURNS	2.47	4.3	3.09
SHERMAN	20.77	21.86	3.09
PACIFIC HIGHWAY WEST	57.28	57.31	3.09
PENDLETON-JOHN DAY	50.94	55.61	3.09
SALMON RIVER	28.21	29.13	3.09
KLAMATH FALLS-LAKEVIEW	57.09	57.14	3.09
SALMON RIVER	42.23	42.66	3.09
JOHN DAY-BURNS	11.21	15.52	3.09
E. FORK ILLINOIS RIVER FR.	29.62	29.65	3.09
SHERMAN	33.6	34.6	3.09
OCHOCO	23.59	25.21	3.09
JOHN DAY-BURNS	5.21	5.29	3.09
MT. HOOD	97.59	97.79	3.09
PENDLETON-JOHN DAY	34.6	36.56	3.09
SALMON RIVER	27.14	27.17	3.09
NORTH SANTIAM	32.13	32.22	3.09
KLAMATH FALLS-LAKEVIEW	58.38	58.43	3.09
KLAMATH FALLS-LAKEVIEW	27.34	27.53	3.09
OCHOCO	87.38	88.6	3.09
JOHN DAY-BURNS	40.37	42.38	3.09
WILSON RIVER	51.35	51.68	3.09
SHERMAN	17.74	18.04	3.09
PENDLETON-JOHN DAY	85.15	88.93	3.09
NORTH SANTIAM	32.23	32.6	3.09
UMPQUA	38.61	38.83	3.09
UMPQUA	19.18	19.56	3.09
VERBOORT PURDIN CONN NO 1	88.106	88.11	3.09
WARM SPRINGS	106.88	107.82	3.09
LAKEVIEW-BURNS	0.61	0.8	3.09
PACIFIC HIGHWAY WEST	28.9	28.98	3.09
PENDLETON-JOHN DAY	109.24	110.06	3.09
MT. HOOD	89.29	89.36	3.09
BELLEVUE-HOPEWELL	1.14E-13	7.00E-02	3.09
DERSHAM RD. CONN. NO. 1	55.01	55.22	3.09

COOS BAY-ROSEBURG	7.68	7.69	3.09
KLAMATH FALLS-LAKEVIEW	25.17	25.68	3.09
REDWOOD	20.55	20.68	3.09
SHERMAN	10.67	10.69	3.09
OCHOCO	94.63	96.89	3.09
JOHN DAY-BURNS	60.77	66.66	3.09
LOWER COLUMBIA RIVER	54.97	55	3.09
SALMON RIVER	26.36	26.77	3.09
KLAMATH FALLS-LAKEVIEW	57	57.09	3.09
UMPQUA	52.1	52.38	3.09
CORVALLIS-NEWPORT	34.32	34.35	3.09
OCHOCO	3	3.01	3.09
JOHN DAY-BURNS	21.21	21.95	3.09
MT. HOOD	90.37	90.68	3.09
FRONTAGE RD.	21.86	22.12	3.09
PENDLETON-JOHN DAY	49.54	50.22	3.09
SALMON RIVER	23.06	23.31	3.09
SUNSET	53.01	53.21	3.09
KLAMATH FALLS-LAKEVIEW	73.81	76.42	3.09
SUNSET	53.01	53.53	3.09
KLAMATH FALLS-MALIN	5.82	6.28	3.09
COOS BAY-ROSEBURG	51.65	52.34	3.09
FREMONT	151.74	152.18	3.09
KLAMATH FALLS-LAKEVIEW	27.9	27.93	3.09
JOHN DAY-BURNS	36.24	36.78	3.09
SHERMAN	56.39	56.41	3.09
NEHALEM	85.8	86.14	3.09
SUNSET	0.44	0.5	3.09
FREMONT	125.47	126.05	3.09
UMPQUA	38.14	38.21	3.09
RICKREALL INTCHGE. CONN. 2	16.88	16.892	3.09
FRONTAGE RD. NO. 3	88.08	88.18	3.09
LAKEVIEW-BURNS	64.38	66.81	3.09
PENDLETON-JOHN DAY	108.97	109.24	3.09
FREMONT	134.53	135.7	3.09
MT. HOOD	60.38	61.31	3.09
N. PLAINS CONN. NO. 3	57.15	57.38	3.09
POWERS	23.86	23.87	3.09
KLAMATH FALLS-LAKEVIEW	26.45	26.93	3.09
SHERMAN	38.86	39.24	3.09
COOS BAY-ROSEBURG	30.69	30.93	3.09
LAKEVIEW-BURNS	48.42	48.43	3.09
PENDLETON-JOHN DAY	39.38	39.84	3.09
SUNSET	48.11	48.21	3.09
FREMONT	139.72	140.73	3.09
RICKREALL INTCHGE. CONN. 3	16.88	16.891	3.09
FRONTAGE RD. NO. 1	86.64	86.82	3.09
PENDLETON-JOHN DAY	40.72	41.96	3.09
MT. HOOD	76.1	76.91	3.09
SALMON RIVER	20.18	20.48	3.09
JOHN DAY-BURNS	42.63	43.63	3.09
KLAMATH FALLS-LAKEVIEW	71.01	71.32	3.09
SHERMAN	48.81	48.85	3.09
LITTLE NESTUCCA	-0.1	1.08	3.09
FLORENCE-EUGENE	52.38	52.69	3.09
FREMONT	140.94	141.61	3.09
WILLAMINA-SALEM	16.4	16.55	3.09
WAUNA CONN. NO. 1	72.51	72.69	3.09
LOWER COLUMBIA RIVER	72.39	72.51	3.09
MT. HOOD	72.08	72.13	3.09
SALMON RIVER	41.56	42.23	3.09
NORTH SANTIAM	21.34	21.52	3.09
SUNSET	43.98	45.01	3.09
WILLAMINA-SHERIDAN	1.14E-13	0.13	3.09
KLAMATH FALLS-LAKEVIEW	78.24	82.01	3.09
OCHOCO	26.12	26.2	3.09
UMPQUA	51.15	51.25	3.09
SHERMAN	58.13	61.55	3.09
NEHALEM	87.75	87.75348845	3.09
COOS BAY-ROSEBURG	32.98	33.11	3.09
LOWER COLUMBIA RIVER	92.64	92.67	3.09
OCHOCO	10.84	11.1	3.09
MT. HOOD	80.08	80.59	3.09
PENDLETON-JOHN DAY	98.3	98.33	3.09
NORTH SANTIAM	14.4	15.6	3.09
SUNSET	47.75	48.11	3.09
KLAMATH FALLS-LAKEVIEW	71.32	72.47	3.09

REDWOOD	33.26	33.57	3.09
SUNSET	53.53	53.61	3.09
COOS BAY-ROSEBURG	23.43	23.58	3.09
KLAMATH FALLS-LAKEVIEW	7.78	8.3	3.09
NEHALEM	86.14	87.05	3.09
WILDERVILLE FRONTAGE RD.	7.67	8.2	3.09
SHERMAN	7.71	8.43	3.09
COOS BAY-ROSEBURG	67.06	67.19	3.09
UMPQUA	38.28	38.61	3.09
UMATILLA-STANFIELD	12.64	12.9	3.09
TIDE CREEK FRONTAGE RD.	36.25	36.71	3.09
KLAMATH FALLS-MALIN	6.28	6.61	3.09
PENDLETON-JOHN DAY	98.82	99.47	3.09
COOS BAY-ROSEBURG	8.94	8.95	3.09
MT. HOOD	93.58	93.74	3.09
SALMON RIVER	20.48	20.67	3.09
KLAMATH FALLS-LAKEVIEW	55.41	55.49	3.09
REDWOOD	32.36	32.52	3.09
WILLAMINA-SALEM	5.86	6.62	3.09
JOHN DAY-BURNS	10.08	10.21	3.09
FREMONT	133.67	134.53	3.09
KLAMATH FALLS-MALIN	4.81	5.82	3.09
MT. HOOD	63.47	63.58	3.09
COOS BAY-ROSEBURG	62.1	62.88	3.09
WILLAMINA-SHERIDAN	1.14E-13	0.15	3.09
KLAMATH FALLS-LAKEVIEW	72.47	73.81	3.09
UMPQUA	56.27	56.37	3.09
LOWER COLUMBIA RIVER	91.34	91.37	3.09
WILSON RIVER	51.21	51.35	3.09
MT. HOOD	91.89	92.46	3.09
PENDLETON-JOHN DAY	55.61	56.16	3.09
KLAMATH FALLS-LAKEVIEW	77.5	78.08	3.09
KLAMATH FALLS-LAKEVIEW	64.52	66.71	3.09
SHERMAN	8.55	8.61	3.09
CORVALLIS-NEWPORT	39.93	40	3.09
OCHOCO	56.88	57.49	3.09
REDWOOD	20.79	21.25	3.09
MT. HOOD	98.8	99.04	3.09
SHERMAN	39.24	40.3	3.09
PACIFIC HIGHWAY WEST	27.89	28.05	3.09
PENDLETON-JOHN DAY	48.87	49.54	3.09
SALMON RIVER	26.86	27	3.09
NORTH SANTIAM	22.94	23.21	3.09
SUNSET	21.86	22.19	3.09
REDWOOD	7.09	7.1	3.09
NEHALEM	88.04	88.044	3.09
VALLEY FALLS CONN.	89.87	89.96	3.09
PACIFIC HIGHWAY WEST	29.79	29.81	3.09
SALMON RIVER	28.21	29.13	3.09
JOHN DAY-BURNS	21.95	22.63	3.09
PACIFIC HIGHWAY WEST	27.49	27.7	3.09
SHERMAN	30.22	32.33	3.09
NEHALEM	80.96	81.2	3.09
SUNSET	50.73	50.75	3.09
COOS BAY-ROSEBURG	51.43	51.54	3.09
KLAMATH FALLS-LAKEVIEW	54.85	55.28	3.09
REDWOOD	30.43	31.32	3.09
ALBANY-CORVALLIS	7.19	7.55	3.09
WAUNA CONN. NO. 5	72.46	72.58	3.09
LAKEVIEW-BURNS	23.25	26.28	3.09
PENDLETON-JOHN DAY	44.56	45.62	3.09
MT. HOOD	89.87	89.91	3.09
MT. HOOD	101.63	101.79	3.09
UMPQUA	28.23	30.25	3.09
PENDLETON-JOHN DAY	7.27	7.42	3.09
LOWER COLUMBIA RIVER	63.71	65.15	3.09
MT. HOOD	90.68	90.82	3.09
SALMON RIVER	4.33	4.82	3.09
JOHN DAY-BURNS	16.48	17.72	3.09
KLAMATH FALLS-LAKEVIEW	34.43	35.11	3.09
SHERMAN	35.15	35.39	3.09
CORVALLIS-NEWPORT	15.69	16.46	3.09
NORTH SANTIAM	17.16	17.29	3.09
FLORENCE-EUGENE	42.88	43	3.09
FREMONT	138.34	139.72	3.09
OCHOCO	63.08	63.46	3.09
JOHN DAY-BURNS	6.57	6.8	3.09

SALMON RIVER	52.59	52.71	3.09
KLAMATH FALLS-LAKEVIEW	62.42	62.83	3.09
UMPQUA	53.78	53.91	3.09
SUNSET	54.93	55.38	3.09
COOS BAY-ROSEBURG	66.35	66.74	3.09
KLAMATH FALLS-LAKEVIEW	30.11	30.15	3.09
LOWER COLUMBIA RIVER	65.15	65.99	3.09
FLORENCE-EUGENE	1.27	1.43	3.09
SHERMAN	40.72	40.79	3.09
PENDLETON-JOHN DAY	18.35	18.5	3.09
NORTH SANTIAM	15.6	15.68	3.09
SUNSET	41.73	42.35	3.09
KLAMATH FALLS-LAKEVIEW	14.92	15.23	3.09
REDWOOD	29.63	30.09	3.09
UMPQUA	18.7	18.91	3.09
FISHHAWK FALLS	7.61	8.9	3.09
ALBANY-CORVALLIS	5.62	5.63	3.09
WARM SPRINGS	111.37	111.78	3.09
LAKEVIEW-BURNS	26.28	29.27	3.09
PENDLETON-JOHN DAY	8.81	10.1	3.09
COOS BAY-ROSEBURG	33.42	33.65	3.09
FREMONT	140.73	140.94	3.09
MT. HOOD	101.79	101.8	3.09
SALMON RIVER	23.04	23.06	3.09
REDWOOD	8.5	8.7	3.09
CORVALLIS-NEWPORT	28.69	28.71	3.09
WILLAMINA-SALEM	6.62	6.87	3.09
OCHOCO	84.98	87.38	3.09
SILVIES FRONTAGE ROAD CONN	67.54	67.6	3.09
PENDLETON-JOHN DAY	17.19	18.35	3.09
MT. HOOD	93.49	93.58	3.09
UMPQUA	55.44	56.17	3.09
VERBOORT PURDIN CONN NO 1	88.045	88.05	3.09
LAKEVIEW-BURNS	58.93	60.39	3.09
PENDLETON-JOHN DAY	11.47	11.98	3.09
COOS BAY-ROSEBURG	66.15	66.18	3.09
FREMONT	126.05	127.82	3.09
SALMON RIVER	27.87	27.94	3.09
PACIFIC HIGHWAY WEST	28.09	28.74	3.09
NEHALEM	81.2	81.4	3.09
COOS BAY-ROSEBURG	32.45	32.8	3.09
KLAMATH FALLS-LAKEVIEW	89.86	90.62	3.09
OCHOCO	46.94	47.28	3.09
LAKEVIEW-BURNS	35.76	37.08	3.09
PENDLETON-JOHN DAY	108.3	108.97	3.09
FREMONT	157.15	157.59	3.09
LOWER COLUMBIA RIVER	88.18	88.46	3.09
SUNSET	49.68	50.59	3.09
KLAMATH FALLS-LAKEVIEW	7.42	7.78	3.09
HILLSBORO-SILVERTON	24.14	25.01	3.09
CORVALLIS-NEWPORT	47.07	47.18	3.09
CORVALLIS-NEWPORT	33.44	34.32	3.09
FLORENCE-EUGENE	1.43	2.24	3.09
OCHOCO	61.14	61.6	3.09
FREMONT	148.65	151.16	3.09
FINNEGAN CREEK FRONTAGE RD	35.15	35.22	3.09
SALMON RIVER	6.66	6.71	3.09
SUNSET	52.33	52.62	3.09
KLAMATH FALLS-LAKEVIEW	63.57	64.52	3.09
UMPQUA	46.34	47.47	3.09
COOS BAY-ROSEBURG	51.23	51.43	3.09
KLAMATH FALLS-LAKEVIEW	30.15	30.63	3.09
MT. HOOD	79.34	79.47	3.09
SHERMAN	26.38	26.88	3.09
NORTH SANTIAM	16.94	17.05	3.09
LA GRANDE-BAKER	-8.00E-02	1.14E-13	3.09
KLAMATH FALLS-LAKEVIEW	57.62	58.11	3.09
REDWOOD	8.74	8.79	3.09
NEHALEM	88.05	88.07	3.09
LAKEVIEW-BURNS	44.08	48.42	3.09
PENDLETON-JOHN DAY	81.04	85.03	3.09
LOWER COLUMBIA RIVER	50.16	50.22	3.09
SALMON RIVER	19.58	20.18	3.09
KLAMATH FALLS-LAKEVIEW	55.49	55.88	3.09
WILLAMINA-SALEM	1.14E-13	0.25	3.09
OCHOCO	26.61	26.84	3.09
LAKEVIEW-BURNS	18.47	19.16	3.09

MT. HOOD	93.45	93.47	3.09
SUNSET	54.28	55.01	3.09
KLAMATH FALLS-LAKEVIEW	82.05	82.09	3.09
OCHOCO	6.38	6.84	3.09
UMPQUA	53.91	54.27	3.09
SHERMAN	11.72	12.81	3.09
CORVALLIS-NEWPORT	40.68	41.16	3.09
CORVALLIS-NEWPORT	28.75	28.8	3.09
NEHALEM	87.75	87.9	3.09
NEHALEM	84.85	85.35	3.09
JOHN DAY-BURNS	4.91	5.21	3.09
SHANIKO JCT. CONN.	68.54	68.61	3.09
KLAMATH FALLS-MALIN	9.33	9.69	3.09
PENDLETON-JOHN DAY	94.75	97.18	3.09
SUNSET	53.51	53.62	3.09
VERBOORT PURDIN CONN NO 1	88.07	88.13	3.09
KLAMATH FALLS-MALIN	6.61	8.12	3.09
NORTH SANTIAM	50.1	50.28	3.09
OCHOCO	88.68	90.27	3.09
SHERMAN	56.45	56.53	3.09
CORVALLIS-NEWPORT	26.87	27.11	3.09
WILLAMINA-SALEM	0.29	0.54	3.09
OCHOCO	60.58	61.14	3.09
JOHN DAY-BURNS	44.65	46.67	3.09
MT. HOOD	69.59	70.14	3.09
KLAMATH FALLS-MALIN	8.12	9.33	3.09
PENDLETON-JOHN DAY	56.21	58.12	3.09
SUNSET	55.01	55.43	3.09
COOS BAY-ROSEBURG	66.84	66.88	3.09
UMPQUA	47.47	47.83	3.09
NEHALEM	88.02	88.025	3.09
COOS BAY-ROSEBURG	65.15	66.15	3.09
KLAMATH FALLS-LAKEVIEW	32.23	32.3	3.09
SHERMAN	14.94	14.96	3.09
KLAMATH FALLS-LAKEVIEW	55.28	55.41	3.09
LOWER COLUMBIA RIVER	86.61	86.64	3.09
REDWOOD	32.99	33.09	3.09
SHERMAN	37.93	38.86	3.09
CORVALLIS-NEWPORT	27.86	27.88	3.09
COOS BAY-ROSEBURG	64.45	65.15	3.09
WILLAMINA-SALEM	4.12	4.18	3.09
LAKEVIEW-BURNS	81.39	89.87	3.09
PENDLETON-JOHN DAY	17.06	17.19	3.09
SUNSET	53.88	54.28	3.09
WILLAMINA-SHERIDAN	0.15	0.49	3.09
KLAMATH FALLS-LAKEVIEW	67.08	67.78	3.09
OCHOCO	26.2	26.28	3.09
UMPQUA	51.25	51.74	3.09
COOS BAY-ROSEBURG	52.41	52.61	3.09
OCHOCO	23.13	23.22	3.09
JOHN DAY-BURNS	9.65	10.08	3.09
SHERMAN	10.34	10.67	3.09
PENDLETON-JOHN DAY	10.1	11.47	3.09
KLAMATH FALLS-LAKEVIEW	19.02	19.08	3.09
REDWOOD	18.95	19.58	3.09
KLAMATH FALLS-MALIN	4.15	4.81	3.09
PACIFIC HIGHWAY WEST	28.74	28.9	3.09
NORTH SANTIAM	49.78	50.06	3.09
JOHN DAY-BURNS	67.54	67.61	3.09
PACIFIC HIGHWAY WEST	27.39	27.49	3.09
SHERMAN	40.92	41.5	3.09
KLAMATH FALLS-LAKEVIEW	41.27	41.78	3.09
UMPQUA	56.84	56.87	3.09
ALBANY-CORVALLIS	5.63	6.41	3.09
PENDLETON-JOHN DAY	85.03	85.15	3.09
MT. HOOD	95.2	95.25	3.09
SUNSET	2.68	3.31	3.09
KLAMATH FALLS-LAKEVIEW	82.83	83.1	3.09
COOS BAY-ROSEBURG	48.67	48.77	3.09
VALLEY JUNCTION FRONT. RD.	29.2	29.37	3.09
SHERMAN	9.73	10.34	3.09
CORVALLIS-NEWPORT	26.14	26.25	3.09
REDWOOD	33.09	33.26	3.09
CRATER LAKE	103.72	103.79	3.09
NEHALEM	80.83	80.96	3.09
WILLAMINA-SALEM	8.23	8.41	3.09
LAKEVIEW-BURNS	63.58	64.38	3.09

PENDLETON-JOHN DAY	77.3	81.04	3.09
FREMONT	128.37	131.88	3.09
MT. HOOD	95.26	95.45	3.09
SALMON RIVER	38.35	40.44	3.09
DERSHAM RD. CONN. NO. 3	55.19	55.43	3.09
CORVALLIS-NEWPORT	27.88	27.97	3.09
WARM SPRINGS	59.77	59.8	3.09
OCHOCO	12.48	13.34	3.09
LAKEVIEW-BURNS	66.81	66.89	3.09
FREMONT	120.57	124.78	3.09
SHERMAN	28.43	29.06	3.09
MT. HOOD	64	64.99	3.09
OCHOCO	61.6	62.58	3.09
OCHOCO	9.85	10.73	3.09
CORVALLIS-NEWPORT	40.52	40.68	3.09
COOS BAY-ROSEBURG	8.97	9.61	3.09
WILLAMINA-SALEM	0.25	0.29	3.09
OCHOCO	21.26	22.5	3.09
FLORENCE-EUGENE	40.93	41.07	3.09
MT. HOOD	60.35	60.38	3.09
SHERMAN	-0.43	-0.15	3.09
PACIFIC HIGHWAY WEST	57.43	57.49	3.09
PENDLETON-JOHN DAY	46.97	48.45	3.09
SALMON RIVER	29.13	29.27	3.09
KLAMATH FALLS-LAKEVIEW	85.06	85.54	3.09
NECANICUM	18.01	19.03	3.09
LAKEVIEW-BURNS	10.12	14.8	3.09
MT. HOOD	61.59	61.63	3.09
SUNSET	39.1	39.65	3.09
WILLAMINA-SALEM	3.99	4.12	3.09
OCHOCO	79.88	81.59	3.09
LAKEVIEW-BURNS	33.01	33.24	3.09
PENDLETON-JOHN DAY	92.97	93.26	3.09
FREMONT	157.59	157.64	3.09
UMPQUA	16.83	16.88	3.09
MT. HOOD	70.52	70.66	3.09
KLAMATH FALLS-LAKEVIEW	67.78	69.57	3.09
SHERMAN	35.76	37.93	3.09
COOS BAY-ROSEBURG	31.23	31.26	3.09
OCHOCO	57.65	58.36	3.09
MT. HOOD	79.47	80.08	3.09
KLAMATH FALLS-MALIN	10.57	11.07	3.09
WILLAMINA-SALEM HWY CONN 1	57.28	57.84	3.09
PENDLETON-JOHN DAY	22.52	23.64	3.09
SUNSET	50.59	50.73	3.09
COOS BAY-ROSEBURG	48.2	48.56	3.09
WILLAMINA-SHERIDAN	0.54	0.56	3.09
KLAMATH FALLS-LAKEVIEW	76.42	76.74	3.09
COOS BAY-ROSEBURG	52.34	52.41	3.09
REDWOOD	24.02	24.17	3.09
SHERMAN	14.27	14.9	3.09
CORVALLIS-NEWPORT	47.43	47.9	3.09
NEHALEM	85.62	85.8	3.09
BLODGETT FRONTAGE RD CONN	39.52	39.55	3.09
FLORENCE-EUGENE	10.05	10.39	3.09
COOS BAY-ROSEBURG	64.08	64.12	3.09
WILLAMINA-SALEM	0.25	0.29	3.09
OCHOCO	3.13	3.58	3.09
JOHN DAY-BURNS	10.3	11.01	3.09
PACIFIC HIGHWAY WEST	28.07	28.09	3.09
DILLEY FRONTAGE RD.	2.26	2.45	3.09
MT. HOOD	95.45	95.51	3.09
COOS BAY-ROSEBURG	64.13	64.17	3.09
KLAMATH FALLS-LAKEVIEW	83.1	85.06	3.09
UMPQUA	53.36	53.71	3.09
HILLSBORO-SILVERTON	23.46	24.14	3.09
SUNSET	53.61	54.93	3.09
LOWER COLUMBIA RIVER	36.53	36.72	3.09
OCHOCO	93.88	94.63	3.09
JOHN DAY-BURNS	11.12	11.21	3.09
SHERMAN	23.66	24.81	3.09
PACIFIC HIGHWAY WEST	55.55	57.28	3.09
PENDLETON-JOHN DAY	113	113.32	3.09
SUNSET	47.46	47.49	3.09
COOS BAY-ROSEBURG	67.19	67.73	3.09
KLAMATH FALLS-LAKEVIEW	49.29	50.05	3.09
UMPQUA	32.95	33.62	3.09

NEHALEM	88.063	88.07	3.09
PENDLETON-JOHN DAY	39.84	40.08	3.09
MT. HOOD	99.7	99.86	3.09
MT. HOOD	95.88	96.14	3.09
KIRSCH INTCHG. CONN.	15.6	15.64	3.09
N. PLAINS CONN. NO. 4	57.25	57.53	3.09
PACIFIC HIGHWAY WEST	27.7	27.9	3.09
KLAMATH FALLS-LAKEVIEW	11.96	14.63	3.09
WILDERVILLE FRONTAGE RD.	8.87	8.92	3.09
SHERMAN	45.61	47.12	3.09
NORTH UMPQUA HIGHWAY EAST	100.77	100.82	3.09
KLAMATH FALLS-LAKEVIEW	54.74	54.76	3.09
OCHOCO	62.58	63.08	3.09
LAKEVIEW-BURNS	37.08	37.28	3.09
MT. HOOD	67.93	68.14	3.09
LOWER COLUMBIA RIVER	88.46	89.1	3.09
SALMON RIVER	6.44	6.66	3.09
KLAMATH FALLS-LAKEVIEW	50.05	50.38	3.09
CORVALLIS-NEWPORT	41.16	41.28	3.09
NORTH SANTIAM	16.94	17.16	3.09
FLORENCE-EUGENE	2.24	2.29	3.09
COOS BAY-ROSEBURG	8.95	8.97	3.09
WILLAMINA-SALEM	15.34	15.61	3.09
OCHOCO	63.46	65.16	3.09
MT. HOOD	101.52	101.63	3.09
SHERMAN	8.43	8.55	3.09
E SALMON RIV. HWY CONN. 2	29.81	29.86	3.09
PENDLETON-JOHN DAY	115.32	120.18	3.09
NORTH SANTIAM	53.24	53.71	3.09
MT. HOOD	61.63	61.91	3.09
UMPQUA	18.91	19.12	3.09
COOS BAY-ROSEBURG	66.18	66.34	3.09
JOHN DAY-BURNS	36.78	36.79	3.09
SHERMAN	24.81	24.99	3.09
CORVALLIS-NEWPORT	28.71	28.75	3.09
FREMONT	142.22	142.62	3.09
REDWOOD	18.62	18.95	3.09
RICKREALL INTCHGE. CONN. 2	16.88	17	3.09
WARM SPRINGS	110.75	111.37	3.09
LAKEVIEW-BURNS	48.61	52.38	3.09
FREMONT	156.4	157.15	3.09
SALMON RIVER	35.05	35.2	3.09
SHIELDS CREEK FRONTAGE RD.	59.51	59.59	3.09
KLAMATH FALLS-LAKEVIEW	57.14	57.52	3.09
REDWOOD	8.98	9.03	3.09
SHERMAN	24.99	25.26	3.09
LOWER COLUMBIA RIVER	56.21	56.38	3.09
SHERMAN	4.59	7.33	3.09
PENDLETON-JOHN DAY	36.56	37.74	3.09
NORTH SANTIAM	32.22	32.23	3.09
KLAMATH FALLS-LAKEVIEW	89.06	89.86	3.09
WAUNA CONN. NO. 2	72.71	72.79	3.09
LAKEVIEW-BURNS	30	30.95	3.09
PENDLETON-JOHN DAY	58.12	60.89	3.09
MT. HOOD	96.14	96.2	3.09
MT. HOOD	93.47	93.49	3.09
LOWER COLUMBIA RIVER	67.95	69.04	3.09
DERSHAM RD. CONN. NO. 5	54.68	54.93	3.09
POWERS HWY CONN.	23.72	23.87	3.09
KLAMATH FALLS-LAKEVIEW	26.03	26.45	3.09
SHERMAN	32.33	33.6	3.09
OCHOCO	96.89	98.36	3.09
LAKEVIEW-BURNS	60.39	60.47	3.09
UMPQUA	57.12	57.33	3.09
WILLAMINA-SALEM HWY.CONN.2	57.63	58.06	3.09
MT. HOOD	97.15	97.32	3.09
SALMON RIVER	40.44	40.51	3.09
COOS BAY-ROSEBURG	62.88	63.74	3.09
KLAMATH FALLS-LAKEVIEW	60.71	60.93	3.09
OCHOCO	10.73	10.84	3.09
UMPQUA	51.74	52.1	3.09
OCHOCO	70.14	72.52	3.09
WILLAMINA-SALEM	8.56	8.58	3.09
PACIFIC HIGHWAY WEST	28.98	29.05	3.09
FLORENCE-EUGENE	2.29	2.69	3.09
NORTH SANTIAM	53.12	53.24	3.09
COOS BAY-ROSEBURG	23.11	23.28	3.09

KLAMATH FALLS-LAKEVIEW	14.63	14.88	3.09
UMPQUA	41.98	42.82	3.09
SUNSET	1.14E-13	0.3	3.09
NEHALEM	88.043	88.05	3.09
CORVALLIS-NEWPORT	27.97	28.23	3.09
KLAMATH FALLS-MALIN	16.01	16.51	3.09
KLAMATH FALLS-LAKEVIEW	27.53	27.9	3.09
LOWER COLUMBIA RIVER	86.54	86.61	3.09
SHERMAN	1.32	2.18	3.09
CORVALLIS-NEWPORT	8.75	9.05	3.09
LAFAYETTE	3.00E-02	0.52	3.09
KLAMATH FALLS-LAKEVIEW	90.62	91.73	3.09
REDWOOD	14.74	16.15	3.09
WILLAMINA-SALEM	11.18	11.79	3.09
FRONTAGE RD. NO. 4	88.41	88.46	3.09
LAKEVIEW-BURNS	89.98	90.02	3.09
PENDLETON-JOHN DAY	41.96	42.04	3.09
MCKAY CREEK FRONTAGE RD.	11.33	11.47	3.09
TILLAMOOK JCT. FRONTAGE RD	53.62	53.65	3.09
KLAMATH FALLS-LAKEVIEW	14.88	14.92	3.09
REDWOOD	7.04	7.09	3.09
SHERMAN	7.5	7.71	3.09
CORVALLIS-NEWPORT	49.15	49.23	3.09
PENDLETON-JOHN DAY	91.34	92.97	3.09
FLORENCE-EUGENE	32.44	32.61	3.09
OCHOCO	28.62	29.98	3.09
LAKEVIEW-BURNS	35.06	35.16	3.09
PENDLETON-JOHN DAY	77.28	77.3	3.09
FREMONT	152.18	152.51	3.09
GORDON HOLLOW FRONTAGE RD.	14.27	14.51	3.09
MT. HOOD	63.8	63.98	3.09
SALMON RIVER	40.76	41.56	3.09
NORTH SANTIAM	54.54	54.8	3.09
BELTLINE	1.14E-13	0.52	3.09
COOS BAY-ROSEBURG	9.61	9.63	3.09
KLAMATH FALLS-LAKEVIEW	66.71	67.08	3.09
SHERMAN	25.26	26.38	3.09
OCHOCO	21.08	21.21	3.09
NORTH SANTIAM	17.29	17.89	3.09
FLORENCE-EUGENE	42.65	42.72	3.09
COOS BAY-ROSEBURG	32.8	32.98	3.09
WILLAMINA-SALEM	8.58	10.24	3.09
OCHOCO	2.46	3	3.09
PENDLETON-JOHN DAY	106.39	108.3	3.09
MT. HOOD	89.76	89.87	3.09
MT. HOOD	83.68	83.97	3.09
KLAMATH FALLS-LAKEVIEW	70.82	71.01	3.09
OCHOCO	23.22	23.34	3.09
CORVALLIS-NEWPORT	27.74	27.86	3.09
WARM SPRINGS	112.48	113.61	3.09
LOWER COLUMBIA RIVER	91.01	91.34	3.09
OCHOCO	75.01	75.23	3.09
MT. HOOD	89.48	89.59	3.09
KLAMATH FALLS-MALIN	4.02	4.15	3.09
PENDLETON-JOHN DAY	63.96	64.25	3.09
SUNSET	3.31	3.39	3.09
KLAMATH FALLS-LAKEVIEW	63.21	63.42	3.09
REDWOOD	19.58	19.66	3.09
NEHALEM	88.07	88.073	3.09
MT. HOOD	99.04	99.37	3.09
WILLAMINA-SALEM HWY CONN.	27.14	27.27	3.09
W. FORK ILLINOIS RIVER FR.	31.8	31.83	3.09
CORVALLIS-NEWPORT	39.52	39.53	3.09
COOS BAY-ROSEBURG	66.88	67.06	3.09
KLAMATH FALLS-LAKEVIEW	92.89	93.9	3.09
UMPQUA	2.2	3.66	3.09
PENDLETON-JOHN DAY	71.55	77.28	3.09
FREMONT	135.7	135.73	3.09
MT. HOOD	93.74	93.75	3.09
BEECH CREEK FRONTAGE RD.	112.48	113.32	3.09
LOWER COLUMBIA RIVER	72.86	73.05	3.09
REDWOOD	20.68	20.79	3.09
WILLAMINA-SALEM	18.97	19.32	3.09
WARM SPRINGS	113.95	114.73	3.09
JOHN DAY-BURNS	31.49	35.39	3.09
FREMONT	136.57	137.23	3.09
MT. HOOD	63.58	63.8	3.09

MT. HOOD	72.18	73.75	3.09
SUNSET	45.01	45.03	3.09
LA GRANDE-BAKER	5.54	5.62	3.09
COOS BAY-ROSEBURG	55.72	56.25	3.09
KLAMATH FALLS-LAKEVIEW	57.52	57.62	3.09
UMPQUA	43.73	44.68	3.09
MT. HOOD	83.55	83.68	3.09
LOWER COLUMBIA RIVER	54.63	54.93	3.09
SALMON RIVER	30.63	31.66	3.09
JOHN DAY-BURNS	43.63	44.65	3.09
MT. HOOD	65.3	65.63	3.09
SHERMAN	29.06	30.22	3.09
DAIRY-BONANZA	1.14E-13	0.25	3.09
PACIFIC HIGHWAY WEST	57.4	57.43	3.09
PENDLETON-JOHN DAY	45.62	46.97	3.09
KLAMATH FALLS-LAKEVIEW	82.01	82.02	3.09
NEHALEM	87.9	87.904	3.09
POLK STATION FRONTAGE RD.	12.72	12.73	3.09
LAKEVIEW-BURNS	9.76	10.12	3.09
PENDLETON-JOHN DAY	93.26	94.75	3.09
FREMONT	151.16	151.74	3.09
MT. HOOD	61.31	61.59	3.09
MT. HOOD	70.66	72.08	3.09
SALMON RIVER	27.17	27.87	3.09
JOHN DAY-BURNS	15.52	15.54	3.09
CORVALLIS-NEWPORT	49.03	49.07	3.09
NORTH SANTIAM	23.21	23.23	3.09
KLAMATH FALLS-LAKEVIEW	95.44	95.5	3.09
REDWOOD	7.1	7.61	3.09
MT. HOOD	68.14	69.06	3.09
SUNSET	56.98	57.38	3.09
KLAMATH FALLS-LAKEVIEW	55.88	57	3.09
PACIFIC HIGHWAY WEST	27.38	27.48	3.09
KLAMATH FALLS-LAKEVIEW	30.63	30.99	3.09
LOWER COLUMBIA RIVER	86.52	86.54	3.09
SALMON RIVER	38.26	38.35	3.09
JOHN DAY-BURNS	15.78	16.48	3.09
PACIFIC HIGHWAY WEST	27.21	27.31	3.09
SHERMAN	35.39	35.76	3.09
CORVALLIS-NEWPORT	37.2	37.27	3.09
KLAMATH FALLS-LAKEVIEW	21.96	23.42	3.09
WILLAMINA-SALEM	15.34	15.85	3.09
WAUNA CONN. NO. 3	72.68	72.86	3.09
LAKEVIEW-BURNS	5.36	7.34	3.09
PENDLETON-JOHN DAY	99.47	99.63	3.09
MT. HOOD	89.36	89.47	3.09
MT. HOOD	96.2	96.3	3.09
SALMON RIVER	23.02	23.04	3.09
KLAMATH FALLS-LAKEVIEW	86.51	88.23	3.09
COOS BAY-ROSEBURG	39.02	39.04	3.09
KEYES CREEK CONN. NO. 1	69.68	70.01	3.09
WAKEFIELD FRONT. RD. CONN.	26.87	27.01	3.09
NORTH SANTIAM	17.89	19.06	3.09
FLORENCE-EUGENE	8.48	8.53	3.09
COOS BAY-ROSEBURG	66.74	66.84	3.09
FREMONT	124.78	125.47	3.09
WILLAMINA-SALEM	2.53	3.19	3.09
LOWER COLUMBIA RIVER	67.84	67.95	3.09
OCHOCO	3.01	3.13	3.09
SALMON RIVER	27	27.14	3.09
NORTH SANTIAM	17.05	17.29	3.09
OCHOCO	26.86	28.11	3.09
UMPQUA	19.56	19.73	3.09
SUNSET	57.44	58.41	3.09
FISHHAWK FALLS	8.92	9.02	3.09
COOS BAY-ROSEBURG	7.7	7.94	3.09
REDWOOD	31.33	31.51	3.09
SHERMAN	48.85	56.32	3.09
PENDLETON-JOHN DAY	66.61	70.06	3.09
SALMON RIVER	26.77	26.86	3.09
NORTH SANTIAM	20.82	21.2	3.09
SUNSET	53.62	53.88	3.09
COOS BAY-ROSEBURG	33.65	33.89	3.09
REDWOOD	7.67	8.5	3.09
UMPQUA	42.82	43.71	3.09
LAKEVIEW-BURNS	19.16	22.01	3.09
PENDLETON-JOHN DAY	100.41	102.18	3.09

COOS BAY-ROSEBURG	64.04	64.08	3.09
LOWER COLUMBIA RIVER	36.85	37.25	3.09
N. PLAINS CONN. NO. 2	57.19	57.29	3.09
KLAMATH FALLS-LAKEVIEW	47.82	49.29	3.09
REDWOOD	32.64	32.99	3.09
HILLSBORO-SILVERTON	25.01	25.22	3.09
KLAMATH FALLS-LAKEVIEW	41.78	42.62	3.09
WILLAMINA-SALEM	3.19	3.99	3.09
JOHN DAY-BURNS	29.68	31.49	3.09
PENDLETON-JOHN DAY	70.06	71.55	3.09
MT. HOOD	59.81	60.35	3.09
SALMON RIVER	35.62	36.23	3.09
SUNSET	39.65	40.42	3.09
COOS BAY-ROSEBURG	71.15	71.27	3.09
KLAMATH FALLS-LAKEVIEW	62.89	63.21	3.09
WILLAMINA-SALEM	0.14	0.25	3.09
LOWER COLUMBIA RIVER	81.48	81.74	3.09
OCHOCO	6.84	7.35	3.09
JOHN DAY-BURNS	66.66	67.54	3.09
WARM SPRINGS	61.99	62.16	3.09
LAKEVIEW-BURNS	30.95	33.01	3.09
FREMONT	131.88	133.67	3.09
LOWER COLUMBIA RIVER	42.2	42.21	3.09
MT. HOOD	95.51	95.88	3.09
COOS BAY-ROSEBURG	48.56	48.67	3.09
KLAMATH FALLS-LAKEVIEW	35.87	37.17	3.09
OCHOCO	25.86	26.12	3.09
REDWOOD	12.69	12.8	3.09
OCHOCO	91.4	93.88	3.09
WILLAMINA-SALEM	10.86	11.18	3.09
LOWER COLUMBIA RIVER	54.5	54.63	3.09
OCHOCO	69.68	70.14	3.09
JOHN DAY-BURNS	4.81	4.91	3.09
MT. HOOD	67.18	67.62	3.09
PENDLETON-JOHN DAY	113.32	114.9	3.09
COOS BAY-ROSEBURG	59.87	60.12	3.09
KLAMATH FALLS-LAKEVIEW	62	62.42	3.09
UMPQUA	54.85	55.44	3.09
OCHOCO	59.74	60.58	3.09
PACIFIC HIGHWAY WEST	27.9	28.05	3.09
SHERMAN	56.32	56.39	3.09
PENDLETON-JOHN DAY	32.63	34.6	3.09
COOS BAY-ROSEBURG	64.17	64.2	3.09
KLAMATH FALLS-LAKEVIEW	92.67	92.89	3.09
WILLAMINA-SALEM	11.79	12.72	3.09
BIG CREEK FRONTAGE RD.	83.07	83.22	3.09
LAKEVIEW-BURNS	3.55	5.27	3.09
PENDLETON-JOHN DAY	104.69	106.39	3.09
MT. HOOD	79.04	79.34	3.09
MT. HOOD	69.06	69.5	3.09
KLAMATH FALLS-LAKEVIEW	25.68	26.03	3.09
CORVALLIS-NEWPORT	40	40.08	3.09
COOS BAY-ROSEBURG	51.54	51.65	3.09
REDWOOD	14.71	14.74	3.09
OCHOCO	77.54	79.88	3.09
LAKEVIEW-BURNS	17.48	18.47	3.09
PENDLETON-JOHN DAY	61.66	63.73	3.09
MT. HOOD	91.6	91.64	3.09
FREMONT	137.23	137.35	3.09
KLAMATH FALLS-MALIN	11.76	12.36	3.09
SALMON RIVER	6.37	6.44	3.09
KLAMATH FALLS-LAKEVIEW	35.11	35.87	3.09
OCHOCO	73.52	75.01	3.09
FLORENCE-EUGENE	43.85	43.94	3.09
WILLAMINA-SALEM	4.64	5.86	3.09
OCHOCO	57.49	57.65	3.09
JOHN DAY-BURNS	5.76	6.57	3.09
SHERMAN	40.3	40.55	3.09
PACIFIC HIGHWAY WEST	57.31	57.4	3.09
PENDLETON-JOHN DAY	37.74	38.56	3.09
SALMON RIVER	29.27	29.76	3.09
SUNSET	47.49	47.75	3.09
COOS BAY-ROSEBURG	23.28	23.43	3.09
KLAMATH FALLS-LAKEVIEW	78.08	78.24	3.09
NEHALEM	88.05	88.053	3.09
FREMONT	142.15	142.21	3.09
KLAMATH FALLS-LAKEVIEW	26.93	27.34	3.09

LOWER COLUMBIA RIVER	56.38	56.8	3.09
VALLEY JUNCTION FRONT. RD.	29.18	29.2	3.09
NORTH SANTIAM	19.06	19.07	3.09
JOHN DAY-BURNS	36.79	40.37	3.09
SHERMAN	15.4	15.58	3.09
CORVALLIS-NEWPORT	7.89	8.75	3.09
NEHALEM	85.35	85.62	3.09
SUNSET	0.43	0.44	3.09
COOS BAY-ROSEBURG	33.11	33.38	3.09
RICKREALL INTCHGE. CONN. 2	16.4	16.88	3.09
LAKEVIEW-BURNS	0.8	3.55	3.09
PENDLETON-JOHN DAY	40.08	40.72	3.09
SALMON RIVER	29.76	30.63	3.09
NORTH SANTIAM	17.89	19.06	3.09
SUNSET	40.42	41.73	3.09
COOS BAY-ROSEBURG	38.68	39.02	3.09
KLAMATH FALLS-LAKEVIEW	85.54	86.51	3.09
SUNSET	56.93	57.44	3.09
COOS BAY-ROSEBURG	64.2	64.45	3.09
KLAMATH FALLS-LAKEVIEW	31.43	32.23	3.09
LOWER COLUMBIA RIVER	42.21	42.23	3.09
JOHN DAY-BURNS	11.01	11.12	3.09
WILSON RIVER	51.21	51.62	3.09
SHERMAN	10.75	11.12	3.09
SUNSET	3.39	3.42	3.09
COOS BAY-ROSEBURG	63.74	64.04	3.09
KLAMATH FALLS-LAKEVIEW	93.9	93.91	3.09
REDWOOD	17.85	18.62	3.09
FREMONT	142.21	142.22	3.09
MT. HOOD	96.3	96.56	3.09
UMPQUA	6.42	7.53	3.09
HEPPNER	83.12	83.15	3.09
NORTH SANTIAM	50.84	50.93	3.09
DERSHAM RD. CONN. NO. 4	55.38	55.6	3.09
COOS BAY-ROSEBURG	67.73	69.51	3.09
COOS BAY-ROSEBURG	66.34	66.35	3.09
FREMONT	157.64	157.71	3.09
WILLAMINA-SALEM	0.29	1.24	3.09
LAKEVIEW-BURNS	89.87	89.98	3.09
PENDLETON-JOHN DAY	104.16	104.69	3.09
MT. HOOD	92.46	93.43	3.09
E SALMON RIVER HWY CONN 1	29.85	29.9	3.09
MT. HOOD	72.13	72.18	3.09
NORTH SANTIAM	23.23	23.44	3.09
SUNSET	22.19	22.24	3.09
UMPQUA	54.45	54.68	3.09
SHERMAN	40.79	40.92	3.09
CORVALLIS-NEWPORT	25.51	26.14	3.09
NEHALEM	80.18	81.06	3.09
WILLAMINA-SALEM	15.61	16.4	3.09
OCHOCO	68.78	69.68	3.09
PACIFIC HIGHWAY WEST	27.2	27.38	3.09
FLORENCE-EUGENE	9.08	9.18	3.09
MT. HOOD	91.64	91.77	3.09
PENDLETON-JOHN DAY	102.18	103.54	3.09
KLAMATH FALLS-LAKEVIEW	92.54	92.67	3.09
UMPQUA	54.68	54.85	3.09
NEHALEM	88.07	88.23	3.09
PACIFIC HIGHWAY WEST	29.05	29.18	3.09
POWERS	23.58	23.58697131	3.09
FREMONT	145.06	148.65	3.09
LOWER COLUMBIA RIVER	54.93	54.97	3.09
VALLEY JUNCTION FRONT. RD.	29.13	29.18	3.09
FERN RIDGE RD. CONN. NO. 2	14.4	14.45	3.09
SHERMAN	14.96	15.09	3.09
CORVALLIS-NEWPORT	47.94	47.99	3.09
NORTH SANTIAM	16.46	16.94	3.09
LA GRANDE-BAKER	5.32	5.54	3.09
KLAMATH FALLS-LAKEVIEW	42.62	47.82	3.09
UMPQUA	56.87	57.13	3.09
WARM SPRINGS	61.94	61.99	3.09
JOHN DAY-BURNS	15.54	15.78	3.09
PENDLETON-JOHN DAY	110.39	113	3.09
SALMON RIVER	6.71	6.89	3.09
KLAMATH FALLS-LAKEVIEW	88.23	88.74	3.09
CORVALLIS-NEWPORT	47.9	47.94	3.09
FREMONT	141.61	142.09	3.09

NEHALEM	81.4	81.49	3.09
WILLAMINA-SALEM	16.2	16.4	3.09
OCHOCO	3.58	4.35	3.09
SHERMAN	7.33	7.5	3.09
MT. HOOD	96.56	96.87	3.09
WILLAMINA-SHERIDAN	0.49	0.54	3.09
OCHOCO	11.35	12.48	3.09
I.O.N.	2.28	3.29	3.09
I.O.N.	53.18	53.3	3.09
I.O.N.	32.31	32.32	3.09
KINGS VALLEY	1.14E-13	0.5	3.09
I.O.N.	31.55	32.31	3.09
I.O.N.	53.45	55.98	3.09
LAKE OF THE WOODS	7.42	7.98	3.09
I.O.N.	30.02	31.55	3.09
LAKE OF THE WOODS	43.4	43.58	3.09
I.O.N.	91.01	93.31	3.09
LAKE OF THE WOODS	36.47	36.96	3.09
LAKE OF THE WOODS	60.7	61.68	3.09
I.O.N.	65.82	65.91	3.09
RICKREALL CONN.	3.25	3.35	3.09
LAKE OF THE WOODS	30.41	30.43	3.09
I.O.N.	42.47	42.86	3.09
I.O.N.	69.24	69.93	3.09
LAKE OF THE WOODS	37.66	37.7	3.09
LAKE OF THE WOODS	40.9	41.45	3.09
INDEPENDENCE	3.00E-02	4.00E-02	3.09
I.O.N.	55.98	57.76	3.09
LAKE OF THE WOODS	47.68	48.08	3.09
I.O.N.	6.42	8.98	3.09
DALLAS-RICKREALL	3.25	3.35	3.09
LAKE OF THE WOODS	11.62	12.38	3.09
POWERS	9.00E-02	0.33	3.09
I.O.N.	40.41	42.47	3.09
LAKE OF THE WOODS	37.41	37.44	3.09
I.O.N.	66.13	66.2	3.09
CORVALLIS-LEBANON	15.45	15.67	3.09
MADRAS-PRINEVILLE	9.00E-02	0.13	3.09
POWERS	0.13	0.65	3.09
LAKE OF THE WOODS	50.64	51.7	3.09
I.O.N.	106.53	110.45	3.09
DALLAS-RICKREALL	3.85	4.32	3.09
LAKE OF THE WOODS	45.44	45.51	3.09
THE DALLES-CALIF HY CONN 1	3.24	3.37	3.09
I.O.N.	60.36	65.53	3.09
I.O.N.	29.93	30.02	3.09
KINGS VALLEY	0.97	1.24	3.09
CELILO-WASCO	14.62	14.67	3.09
LAKE OF THE WOODS	40.8	40.9	3.09
I.O.N.	110.45	115.83	3.09
LAKE OF THE WOODS	48.08	48.66	3.09
LEXINGTON-ECHO	36.66	37.13	3.09
I.O.N.	117.61	117.89	3.09
LAKE OF THE WOODS	61.77	62.56	3.09
I.O.N.	22.19	25.46	3.09
ROGUE RIVER LOOP	22.22	22.24	3.09
LAKE OF THE WOODS	12.38	12.56	3.09
ODELL	3.42	3.45	3.09
HAVANA-HELIX	9.37	9.79	3.09
LAKE OF THE WOODS	7.98	8.45	3.09
I.O.N.	29.56	29.93	3.09
I.O.N.	15.9	17.52	3.09
LAKE OF THE WOODS	28.41	28.59	3.09
I.O.N.	106.33	106.34	3.09
I.O.N.	37.16	38.74	3.09
LAKE OF THE WOODS	28.59	28.9	3.09
LAKE OF THE WOODS	28.9	29.25	3.09
HATFIELD	16.51	18.07	3.09
I.O.N.	52.65	52.87	3.09
I.O.N.	93.31	95.46	3.09
I.O.N.	39.51	39.59	3.09
LAKE OF THE WOODS	43.21	43.4	3.09
I.O.N.	49.42	49.66	3.09
LAKE OF THE WOODS	44.49	45.44	3.09
I.O.N.	73.01	78.44	3.09
CELILO-WASCO	14.67	14.68	3.09
LAKE OF THE WOODS	62.66	62.88	3.09

POWERS	1.14E-13	9.00E-02	3.09
I.O.N.	27.79	29.56	3.09
LAKE OF THE WOODS	37.44	37.49	3.09
VALE-WEST	3.00E-02	0.48	3.09
I.O.N.	25.46	27.79	3.09
LAKE OF THE WOODS	58.88	59.2	3.09
HATFIELD	18.91	18.93	3.09
I.O.N.	9	10.86	3.09
LAKE OF THE WOODS	45.66	45.75	3.09
I.O.N.	72.26	72.55	3.09
I.O.N.	119.67	120.62	3.09
I.O.N.	3.29	4.09	3.09
THE DALLES-CALIF HWY CONN.	0.83	1.72	3.09
HATFIELD	18.07	18.11	3.09
I.O.N.	39.59	40.15	3.09
LAKE OF THE WOODS	37.49	37.66	3.09
LAKE OF THE WOODS	46.08	47.22	3.09
CHILOQUIN	3.24	3.36	3.09
I.O.N.	32.32	34.36	3.09
I.O.N.	87.07	90.96	3.09
LAKESHORE DR. CONN. NO. 1	62.66	62.88	3.09
I.O.N.	70.27	72.26	3.09
LAKE OF THE WOODS	14.76	18.25	3.09
WASCO-HEPPNER	-1.97	-0.58	3.09
LAKE OF THE WOODS	47.43	47.68	3.09
DOOLEY MOUNTAIN	1.14E-13	0.27	3.09
I.O.N.	106.18	106.33	3.09
FRONTAGE RD.	11.62	12.18	3.09
I.O.N.	66.2	69.24	3.09
I.O.N.	53.3	53.42	3.09
DALLAS-RICKREALL	2.68	3.25	3.09
LAKE OF THE WOODS	35.66	35.74	3.09
JOHN DAY HWY CONN.	0.27	0.43	3.09
I.O.N.	98.25	99.5	3.09
I.O.N.	72.55	73.01	3.09
CORVALLIS-LEBANON	15.67	15.88	3.09
LAKE OF THE WOODS	51.7	53.49	3.09
LAKE OF THE WOODS	36.3	36.47	3.09
I.O.N.	11.68	12.4	3.09
LAKE OF THE WOODS	45.51	45.66	3.09
I.O.N.	46.78	47.43	3.09
I.O.N.	17.52	18.57	3.09
I.O.N.	65.53	65.82	3.09
POWERS	1.14E-13	0.13	3.09
I.O.N.	47.43	48.52	3.09
I.O.N.	78.44	78.9	3.09
LAKE OF THE WOODS	41.45	41.68	3.09
I.O.N.	13.24	15.11	3.09
I.O.N.	106.34	106.53	3.09
CORVALLIS-LEBANON	14.71	15.45	3.09
LAKE OF THE WOODS	7.41	7.42	3.09
I.O.N.	69.93	70.27	3.09
CARPENTERVILLE	341.22	341.38	3.09
I.O.N.	99.5	106.18	3.09
LAKE OF THE WOODS	18.25	19.99	3.09
I.O.N.	42.86	45.07	3.09
STEENS	91.4	91.6	3.09
LAKE OF THE WOODS	42.44	42.8	3.09
POWERS HWY CONN.	8.20E-02	9.00E-02	3.09
I.O.N.	10.86	11.68	3.09
HATFIELD	18.11	18.91	3.09
I.O.N.	1.14E-13	2.28	3.09
LAKE OF THE WOODS	43.58	44.18	3.09
I.O.N.	48.52	49.42	3.09
I.O.N.	5.64	6.42	3.09
WARNER	1.14E-13	0.83	3.09
LAKE OF THE WOODS	63.8	63.96	3.09
I.O.N.	15.11	15.9	3.09
CRESCENT LAKE	1.14E-13	8.00E-02	3.09
I.O.N.	52.87	53.18	3.09
CARPENTERVILLE	339.57	339.68	3.09
LAKE OF THE WOODS	48.66	50.37	3.09
JOSEPH-WALLOWA LAKE	5.54	5.91	3.09
LAKE OF THE WOODS	62.88	63.8	3.09
I.O.N.	34.36	35.96	3.09
LAKE OF THE WOODS	61.68	61.77	3.09
I.O.N.	117.89	119.67	3.09

SHANIKO-FOSSIL	1.14E-13	2.00E-02	3.09
FULTON CANYON RD CONN NO 2	14.8	15.1	3.09
LAKE OF THE WOODS	44.18	44.32	3.09
I.O.N.	35.96	37.16	3.09
LAKE OF THE WOODS	36.96	37.41	3.09
LAKE OF THE WOODS	59.2	60.7	3.09
CELILO-WASCO	14.8	15.07	3.09
LAKE OF THE WOODS	30.43	31.17	3.09
I.O.N.	12.4	13.24	3.09
I.O.N.	40.15	40.41	3.09
LAKE OF THE WOODS	12.56	12.64	3.09
LAKE OF THE WOODS	29.25	29.89	3.09
I.O.N.	116.89	117.55	3.09
JOSEPH-WALLOWA LAKE	4.93	5.54	3.09
CELILO-WASCO	14.78	14.8	3.09
INDEPENDENCE	4.00E-02	0.11	3.09
STEENS HWY CONN.	65.78	66.23	3.09
LAKE OF THE WOODS	45.75	45.85	3.09
I.O.N.	46.74	46.78	3.09
I.O.N.	4.09	5.64	3.09
LAKE OF THE WOODS	8.45	11.62	3.09
I.O.N.	45.07	45.2	3.09
LAKE OF THE WOODS	41.68	42.44	3.09
LAKE OF THE WOODS	37.7	37.72	3.09
I.O.N.	38.74	39.41	3.09
LAKE OF THE WOODS	47.22	47.43	3.09
LAKE OF THE WOODS	45.85	45.99	3.09
CHILOQUIN	3.36	3.41	3.09
I.O.N.	45.71	45.83	3.09
CELILO-WASCO	14.68	14.78	3.09
I.O.N.	18.57	18.68	3.09
LAKESHORE DR. CONN. NO. 2	62.88	62.92	3.09
I.O.N.	8.98	9	3.09
LAKE OF THE WOODS	42.8	43.21	3.09
I.O.N.	49.66	52.65	3.09
I.O.N.	78.9	87.07	3.09
LAKE OF THE WOODS	7.15	7.41	3.09
MIDLAND	4.58	5.65	3.09
I.O.N.	22.08	22.19	3.09
I.O.N.	65.91	66.13	3.09
I.O.N.	45.2	45.71	3.09
KINGS VALLEY	0.5	0.97	3.09
LAKE OF THE WOODS	44.32	44.49	3.09
I.O.N.	57.76	60.36	3.09
COOS BAY-ROSEBURG	1.14E-13	6.00E-03	3.09
I.O.N.	39.41	39.51	3.09
I.O.N.	45.83	46.74	3.09
DALLAS-RICKREALL	3.35	3.85	3.09
LAKE OF THE WOODS	50.37	50.64	3.09
LAKE OF THE WOODS	29.89	30.41	3.09
LAKE OF THE WOODS	58.7	58.88	3.09
KINGS VALLEY	31.29	31.4	3.09
I.O.N.	115.83	116.89	3.09
LAKE OF THE WOODS	45.99	46.08	3.09
I.O.N.	53.42	53.45	3.09
I.O.N.	21.34	22.08	3.09
I.O.N.	90.96	91.01	3.09
LAKE OF THE WOODS	62.56	62.66	3.09
RUFUS CONN. NO. 2	109.91	110	3.08
CROOKED RIVER	19.72	20.37	3.08
JOHN DAY	65.68	66.22	3.08
OLD EMIGRANT HILL FR. NO.1	224.65	224.8	3.08
JOHN DAY	68.63	69.07	3.08
CROOKED RIVER	13.39	14.22	3.08
MCKENZIE	61.84	63.19	3.08
MCKENZIE	71.48	71.51	3.08
DODSON FRONTAGE RD.	35.44	35.77	3.08
CROOKED RIVER	17.6	18.27	3.08
SCOTTS VALLEY CONN. NO. 2	159.2	159.32	3.08
MCKENZIE	89.4	89.84	3.08
CROOKED RIVER	11.03	13.39	3.08
JOHN DAY	62.6	62.98	3.08
BIGGS-RUFUS FRONTAGE RD.	107	109.56	3.08
MCKENZIE	56.08	56.62	3.08
DODSON-WARRENDALE FRONT RD	37.12	37.6	3.08
CROOKED RIVER	14.69	14.73	3.08
MCKENZIE	71.45	71.48	3.08

MCKENZIE	56.93	57.67	3.08
WARRENDALE FRONTAGE RD.	37.48	37.65	3.08
MCKENZIE	57.67	58.35	3.08
MCKENZIE	63.19	67.28	3.08
MCKENZIE	60.41	61.84	3.08
CROOKED RIVER	14.22	14.26	3.08
MCKENZIE	77	77.96	3.08
MCKENZIE	87.15	88.04	3.08
JOHN DAY	63.94	64.36	3.08
MCKENZIE	56.62	56.86	3.08
MCKENZIE	67.28	70.85	3.08
JOHN DAY	71.91	72.05	3.08
JOHN DAY	62.98	63.72	3.08
CROOKED RIVER	17.07	17.6	3.08
HISTORIC COLUMBIA RIVER	35.35855861	35.37	3.08
CROOKED RIVER	14.73	15.4	3.08
HISTORIC COL.RIV.HWY. NO 2	35.32	35.35	3.08
JOHN DAY	67.14	67.42	3.08
DEADMAN PASS CONN. NO. 4	228.91	228.98	3.08
JOHN DAY	69.25	69.6	3.08
MCKENZIE	85.54	86.38	3.08
DODSON-WARRENDALE FRONT RD	35.34	35.53	3.08
JOHN DAY	63.72	63.94	3.08
MCKENZIE	71.51	75.3	3.08
CROOKED RIVER	22.29	23	3.08
MCKENZIE	56.86	56.93	3.08
JOHN DAY	68.18	68.63	3.08
JOHN DAY	64.37	64.49	3.08
CROOKED RIVER	20.37	22.29	3.08
CROOKED RIVER	18.27	19.03	3.08
JOHN DAY	64.49	65.68	3.08
MCKENZIE	80.34	84.78	3.08
MCKENZIE	58.35	58.38	3.08
JOHN DAY	70.4	71.91	3.08
CROOKED RIVER	14.62	14.69	3.08
MCKENZIE	86.38	87.04	3.08
MCKENZIE	59.44	60.41	3.08
MCKENZIE	70.87	71.45	3.08
JOHN DAY	67.42	68.18	3.08
MCKENZIE	77.96	80.34	3.08
CROOKED RIVER	14.26	14.62	3.08
JOHN DAY	72.05	73.5	3.08
MCKENZIE	84.78	84.89	3.08
OLD EMIGRANT HILL FR. NO.1	224.86	224.93	3.08
CROOKED RIVER	16.5	17.07	3.08
JOHN DAY	66.22	67.14	3.08
WARRENDALE O'XING CONN.	37.1	37.15	3.08
JOHN DAY	69.6	70.4	3.08
MCKENZIE	75.3	77	3.08
BONNEVILLE DAM CONN. NO. 3	40.25	40.31	3.08
MCKENZIE	88.04	88.1	3.08
MCKENZIE	87.04	87.15	3.08
CROOKED RIVER	19.03	19.65	3.08
JOHN DAY	73.5	75.65	3.08
CROOKED RIVER	40.99	41.78	3.08
MCKENZIE	70.85	70.87	3.08
CORBETT CONN. NO. 2	22.08	22.11	3.08
MCKENZIE	58.38	59.44	3.08
CROOKED RIVER	15.41	16.5	3.08
QUINES CREEK CONN. NO. 2	86.07	86.21	3.08
MCKENZIE	88.1	88.73	3.08
JOHN DAY	64.36	64.37	3.08
WEST FORK CONN. NO. 2	95.79	95.86	3.08
MCKENZIE	88.73	89.22	3.08
SALT SPRINGS RD. CONN. 3	160.02	160.24	3.08
CROOKED RIVER	15.4	15.41	3.08
JOHN DAY	69.07	69.25	3.08
MCKENZIE	84.89	85.54	3.08
WAPINITIA	0.43	2.24	3.08
GREEN SPRINGS	15.6	15.65	3.08
NORTH UMPQUA HIGHWAY EAST	43.51	43.53	3.08
WILSONVILLE-HUBBARD	1.47	1.65	3.08
WHITNEY	32.49	34.15	3.08
NORTH UMPQUA HIGHWAY EAST	83.08	85.75	3.08
THREE RIVERS	4.47	7.32	3.08
HISTORIC COLUMBIA RIVER	20.86	20.89	3.08
ALSEA	25.59	26.71	3.08

GREEN SPRINGS	35.41	36.38	3.08
NORTH UMPQUA HIGHWAY EAST	60.97	61.34	3.08
NEHALEM	39.13	40.77	3.08
ALSEA	9.16	9.84	3.08
NORTH UMPQUA HIGHWAY EAST	46.55	47.25	3.08
WHITNEY	11.01	11.04	3.08
WILSON RIVER	11.71	11.91	3.08
PACIFIC HIGHWAY WEST	73.88	74.46	3.08
WAPINITIA	7.83	8.06	3.08
WHITNEY	27.55	28.47	3.08
HISTORIC COLUMBIA RIVER	21.64	21.69	3.08
GREEN SPRINGS	37.43	37.7	3.08
NEHALEM	48.8	49.87	3.08
BELLEVUE-HOPEWELL	13.02	13.14	3.08
GREEN SPRINGS	27.89	28.72	3.08
NEHALEM	24.64	24.87	3.08
WOODBURN-ESTACADA	26.41	26.88	3.08
NORTH UMPQUA HIGHWAY EAST	81.64	83.08	3.08
HISTORIC COLUMBIA RIVER	21.4	21.64	3.08
NEHALEM	64.41	65.15	3.08
NORTH UMPQUA HIGHWAY EAST	65.88	66.11	3.08
GREEN SPRINGS	16.19	16.51	3.08
WAPINITIA	8.96	9.25	3.08
LITTLE NESTUCCA	3.05	3.1	3.08
NEHALEM	5.33	6.04	3.08
WILSON RIVER	12.85	13.52	3.08
ALSEA	48.08	48.17	3.08
ALSEA	3.32	3.61	3.08
WHITNEY	28.55	28.87	3.08
OREGON CAVES	11.77	13.22	3.08
NORTH UMPQUA HIGHWAY EAST	72.81	72.91	3.08
THREE RIVERS	10.97	11.34	3.08
ALSEA	16.51	16.53	3.08
PACIFIC HIGHWAY WEST	104.36	105.99	3.08
WHITNEY	11.04	11.75	3.08
NEHALEM	19.29	20.71	3.08
WILSON RIVER	18.15	19.12	3.08
GREEN SPRINGS	23.85	24.55	3.08
FREMONT	10.82	12.16	3.08
NORTH UMPQUA HIGHWAY EAST	22.2	22.24	3.08
WHITNEY	34.15	34.64	3.08
MIST-CLATSKANIE	7.27	7.75	3.08
WHITNEY	22.51	23.89	3.08
CRATER LAKE	31.23	31.32	3.08
NEHALEM	4.36	4.4	3.08
WILSON RIVER	20.72	20.84	3.08
WHITNEY	19.74	19.78	3.08
CRATER LAKE	45.85	45.91	3.08
FISHHAWK FALLS	6.39	6.88	3.08
CLEAR CREEK FRONTAGE RD.	26.88	27.01	3.08
NEHALEM	12.28	12.37	3.08
ALSEA	36.69	37.96	3.08
HISTORIC COLUMBIA RIVER	11.96	12.02	3.08
NORTH UMPQUA HIGHWAY EAST	86	86.09	3.08
THREE RIVERS	1.41	1.46	3.08
HISTORIC COLUMBIA RIVER	21.86	21.91	3.08
ALSEA	23.11	24.8	3.08
WHITNEY	35.23	35.42	3.08
NORTH UMPQUA HIGHWAY EAST	74.45	75.15	3.08
CRATER LAKE	45.91	46.1	3.08
NEHALEM	11.84	12.28	3.08
HISTORIC COLUMBIA RIVER	21.64	21.69	3.08
ALSEA	47.64	47.89	3.08
WHITNEY	21.38	21.5	3.08
LITTLE NESTUCCA	5.24	6.78	3.08
WILSON RIVER	12.13	12.85	3.08
NEHALEM	49.87	53.19	3.08
WAPINITIA	9.89	9.95	3.08
MIST-CLATSKANIE	8.46	10.24	3.08
DODSON INCHGE CONN. NO. 1	21.69	21.72	3.08
NEHALEM	67.76	67.79	3.08
WILSON RIVER	17.77	17.92	3.08
HISTORIC COLUMBIA RIVER	8.76	11.66	3.08
NORTH UMPQUA HIGHWAY EAST	39.06	39.2	3.08
HISTORIC COLUMBIA RIVER	21.91	21.97	3.08
ALSEA	9.84	9.98	3.08
WILSON RIVER	7.92	8	3.08

WILSON RIVER	24.86	25.49	3.08
WOODBURN-ESTACADA	26.88	27.04	3.08
FREMONT	9.19	10.82	3.08
WAPINITIA	9.25	9.89	3.08
NORTH UMPQUA HIGHWAY EAST	69.73	70.93	3.08
NECANICUM	1.51	2.94	3.08
THREE RIVERS	0.35	1.24	3.08
HISTORIC COLUMBIA RIVER	14.6	14.7	3.08
ALSEA	27.52	27.95	3.08
OREGON CAVES	11.45	11.67	3.08
NORTH UMPQUA HIGHWAY EAST	67.18	67.22	3.08
NECANICUM	11.38	11.7	3.08
NEHALEM	65.15	65.2	3.08
HISTORIC COLUMBIA RIVER	22.03	22.18	3.08
PACIFIC HIGHWAY WEST	72.82	73.68	3.08
BELLEVUE-HOPEWELL	9.44	9.45	3.08
NEHALEM	23.05	24.43	3.08
NEHALEM	22.76	23.05	3.08
ALSEA	54.37	54.56	3.08
FREMONT	16.79	17.62	3.08
WILSONVILLE-HUBBARD	2.73	3	3.08
WHITNEY	32.29	32.49	3.08
NORTH UMPQUA HIGHWAY EAST	78.81	79.36	3.08
CRATER LAKE	45.74	45.85	3.08
MIST-CLATSKANIE	4.92	5.57	3.08
NEHALEM	35.02	35.12	3.08
PACIFIC HIGHWAY WEST	72.34	72.54	3.08
WILSON RIVER	5.85	6.95	3.08
NORTH UMPQUA HIGHWAY EAST	86.28	86.87	3.08
ALSEA	14.19	16.51	3.08
NEHALEM	4.4	4.93	3.08
PACIFIC HIGHWAY WEST	73.81	73.88	3.08
FREMONT	12.16	13.56	3.08
MIST-CLATSKANIE	5.57	6.37	3.08
NEHALEM	15.24	17.13	3.08
NORTH UMPQUA HIGHWAY EAST	27.38	28.31	3.08
NECANICUM	7.64	7.84	3.08
WAPINITIA	4.21	4.31	3.08
NORTH UMPQUA HIGHWAY EAST	27.17	27.38	3.08
WHITNEY	28.87	28.91	3.08
WILSON RIVER	13.52	14.66	3.08
NECANICUM	12.81	12.84	3.08
MIST-CLATSKANIE	7.98	8.46	3.08
HISTORIC COLUMBIA RIVER	20.48	20.86	3.08
GREEN SPRINGS	27.87	27.89	3.08
NEHALEM	54.21	57.11	3.08
WOODBURN-ESTACADA	23.98	24.2	3.08
CRATER LAKE	57.6	59.21	3.08
NORTH UMPQUA HIGHWAY EAST	38.41	38.88	3.08
ALSEA	28.35	30.7	3.08
GREEN SPRINGS	22.27	22.88	3.08
NEHALEM	63.97	64.14	3.08
ALSEA	20.45	20.81	3.08
NORTH UMPQUA HIGHWAY EAST	40.47	43.51	3.08
LITTLE NESTUCCA	5.16	5.24	3.08
NEHALEM	17.13	19.18	3.08
WILSON RIVER	31.65	32.77	3.08
FREMONT	17.62	18.28	3.08
NORTH UMPQUA HIGHWAY EAST	71.93	72.67	3.08
THREE RIVERS	10.96	10.97	3.08
ALSEA	47.19	47.64	3.08
NEHALEM	6.04	6.3	3.08
ALSEA	47.9	48.08	3.08
WAPINITIA	5.18	6.97	3.08
PENDLETON	6.03	6.49	3.08
NECANICUM	0.34	0.72	3.08
THREE RIVERS	11.88	13.78	3.08
NEHALEM	5.19	5.33	3.08
WHITNEY	28.47	28.55	3.08
ALSEA	10.51	10.81	3.08
WHITNEY	19.78	21.38	3.08
NEHALEM	53.19	53.26	3.08
WILSON RIVER	12.08	12.13	3.08
NORTH UMPQUA HIGHWAY EAST	21.58	21.91	3.08
WILSONVILLE-HUBBARD	3	3.48	3.08
CRATER LAKE	51.36	53.57	3.08
MIST-CLATSKANIE	7.97	7.98	3.08

GREEN SPRINGS	41.41	42.08	3.08
NEHALEM	4.21	4.28	3.08
ALSEA	48.17	48.29	3.08
NORTH UMPQUA HIGHWAY EAST	72.91	73.43	3.08
THREE RIVERS	13.78	13.81	3.08
ALSEA	19.44	20.11	3.08
NEHALEM	57.61	59.21	3.08
WILSON RIVER	26.61	27.85	3.08
NORTH UMPQUA HIGHWAY EAST	40	40.47	3.08
NEHALEM	24.87	26.75	3.08
ALSEA	6.93	7.13	3.08
WHITNEY	30.74	31.37	3.08
GREEN SPRINGS	24.55	25.1	3.08
NEHALEM	43.5	43.78	3.08
NORTH UMPQUA HIGHWAY EAST	47.33	47.4	3.08
WHITNEY	24.08	24.26	3.08
NEHALEM	7.16	9.44	3.08
WILSON RIVER	5	5.11	3.08
GREEN SPRINGS	43.5	43.84	3.08
ALSEA	24.8	25.59	3.08
WAPINITIA	10.82	11.46	3.08
WHITNEY	28.91	29.07	3.08
MIST-CLATSKANIE	4.43	4.89	3.08
WILSON RIVER	25.49	25.8	3.08
NEHALEM	11.05	11.73	3.08
ALSEA	11.33	13.17	3.08
HISTORIC COLUMBIA RIVER	11.66	11.96	3.08
SALEM-DAYTON	16.05	16.49	3.08
WAPINITIA	8.37	8.96	3.08
OREGON CAVES	9.79	11.45	3.08
NORTH UMPQUA HIGHWAY EAST	52.43	55.13	3.08
THREE RIVERS	10.69	10.71	3.08
HISTORIC COLUMBIA RIVER	21.69	21.86	3.08
ALSEA	26.84	27.52	3.08
FREMONT	1.73	2.31	3.08
OREGON CAVES	6.62	7.4	3.08
NEHALEM	12.37	15.24	3.08
THREE RIVERS	19.36	21.28	3.08
FREMONT	13.56	15.03	3.08
NORTH UMPQUA HIGHWAY EAST	61.34	65.88	3.08
WHITNEY	31.37	32.29	3.08
LITTLE NESTUCCA	6.9	8.76	3.08
WILSON RIVER	32.88	32.96	3.08
ALSEA	45.08	45.83	3.08
NORTH UMPQUA HIGHWAY EAST	25.42	25.7	3.08
PENDLETON	6.01	6.03	3.08
NECANICUM	2.94	5.9	3.08
THREE RIVERS	7.32	9.28	3.08
DODSON INCHGE CONN. NO. 3	22.03	22.06	3.08
OREGON CAVES	15.63	17.63	3.08
WHITNEY	35.66	35.79	3.08
CRATER LAKE	84.22	87.67	3.08
NEHALEM	36.02	36.82	3.08
WOODBURN-ESTACADA	19.28	19.78	3.08
NORTH UMPQUA HIGHWAY EAST	38.98	39.06	3.08
HISTORIC COLUMBIA RIVER	14.84	16.1	3.08
ALSEA	33.09	36.69	3.08
GREEN SPRINGS	38.75	41.33	3.08
HISTORIC COLUMBIA RIVER	17.31	17.35	3.08
OREGON CAVES	17.82	19.33	3.08
NORTH UMPQUA HIGHWAY EAST	67.22	68.75	3.08
CRATER LAKE	47.21	47.89	3.08
NORTH UMPQUA HIGHWAY EAST	73.72	74.05	3.08
WHITNEY	17.01	18.65	3.08
LITTLE NESTUCCA	3.57	5.16	3.08
NEHALEM	67.79	68.23	3.08
WILSON RIVER	11.91	12.08	3.08
ALSEA	43.31	43.82	3.08
WAPINITIA	3.7	4.21	3.08
NORTH UMPQUA HIGHWAY EAST	34.79	37.08	3.08
NEHALEM	19.18	19.29	3.08
PACIFIC HIGHWAY WEST	73.69	73.75	3.08
CRATER LAKE	56.09	56.83	3.08
WHITNEY	16	16.21	3.08
WILSON RIVER	27.85	27.93	3.08
GREEN SPRINGS	15.65	16.19	3.08
NORTH UMPQUA HIGHWAY EAST	26.15	27.17	3.08

ALSEA	50.43	52.22	3.08
NETARTS	3.2	4.14	3.08
NORTH UMPQUA HIGHWAY EAST	73.67	73.72	3.08
GREEN SPRINGS	13	13.66	3.08
NORTH UMPQUA HIGHWAY EAST	21.21	21.3	3.08
WHITNEY	11.75	12.94	3.08
NEHALEM	24.43	24.64	3.08
WOODBURN-ESTACADA	18.25	18.68	3.08
NEHALEM	57.39	57.4	3.08
WHITNEY	12.94	15.54	3.08
N. CRATER LAKE CONN. NO. 1	86	86.09	3.08
THREE RIVERS	10.71	10.96	3.08
ALSEA	52.22	52.29	3.08
WOODBURN-ESTACADA	25.54	25.62	3.08
HISTORIC COLUMBIA RIVER	16.1	17.31	3.08
CRATER LAKE	55.69	55.89	3.08
NORTH UMPQUA HIGHWAY EAST	85.75	86	3.08
NECANICUM	12.84	13.5	3.08
HISTORIC COLUMBIA RIVER	20.41	20.48	3.08
ALSEA	11.14	11.33	3.08
WHITNEY	23.89	24.08	3.08
NEHALEM	35.12	36.02	3.08
WILSON RIVER	20.84	20.91	3.08
ALSEA	4.86	6.93	3.08
FREMONT	16.35	16.79	3.08
WHITNEY	35.79	38.86	3.08
CRATER LAKE	19.56	19.62	3.08
MIST-CLATSKANIE	1.46	2.13	3.08
WOODBURN-ESTACADA	18.71	19.26	3.08
WILSON RIVER	5.82	5.85	3.08
FREMONT	15.03	16.35	3.08
NORTH UMPQUA HIGHWAY EAST	87.38	88.39	3.08
CRATER LAKE	83.63	84.01	3.08
THREE RIVERS	17.63	18.3	3.08
ALSEA	20.11	20.43	3.08
FISHHAWK FALLS	6.28	6.34	3.08
NEHALEM	57.4	57.61	3.08
ALSEA	48.29	48.65	3.08
NORTH UMPQUA HIGHWAY EAST	71.65	71.93	3.08
CRATER LAKE	49.84	50.06	3.08
THREE RIVERS	1.46	3.35	3.08
ALSEA	30.7	31.2	3.08
NEHALEM	21.45	21.65	3.08
WHITNEY	29.07	29.49	3.08
CRATER LAKE	53.57	54.87	3.08
NORTH UMPQUA HIGHWAY EAST	57.04	59.07	3.08
CRATER LAKE	32.19	32.2	3.08
THREE RIVERS	16.7	17.63	3.08
ALSEA	13.17	13.19	3.08
WHITNEY	22.26	22.48	3.08
CRATER LAKE	59.21	61.02	3.08
LITTLE NESTUCCA	1.57	3.05	3.08
NEHALEM	33.17	35.02	3.08
GREEN SPRINGS	43.37	43.5	3.08
ALSEA	16.53	17.68	3.08
BELLEVUE-HOPEWELL	13.14	14.32	3.08
WAPINITIA	7.34	7.83	3.08
NORTH UMPQUA HIGHWAY EAST	23.29	23.43	3.08
WOODBURN-ESTACADA	18.68	18.71	3.08
HISTORIC COLUMBIA RIVER	12.15	13.96	3.08
NEHALEM	4.32	4.36	3.08
CRATER LAKE	41.6	42.5	3.08
NEHALEM	63.57	63.97	3.08
ALSEA	20.84	23.11	3.08
GREEN SPRINGS	37.7	38.75	3.08
NEHALEM	66.78	67.76	3.08
HISTORIC COLUMBIA RIVER	20.89	21.01	3.08
NETARTS	4.14	4.2	3.08
OREGON CAVES	7.4	9.79	3.08
NORTH UMPQUA HIGHWAY EAST	59.07	60.97	3.08
NEHALEM	64.18	64.31	3.08
ALSEA	13.19	13.43	3.08
NORTH UMPQUA HIGHWAY EAST	39.85	40	3.08
WHITNEY	29.49	30.35	3.08
NEHALEM	2.9	3.94	3.08
NORTH UMPQUA HIGHWAY EAST	38.33	38.41	3.08
OREGON CAVES	4.84	6.18	3.08

NORTH UMPQUA HIGHWAY EAST	51.17	52.43	3.08
ALSEA	17.93	19.44	3.08
WHITNEY	8.01	10.6	3.08
NEHALEM	53.26	54.21	3.08
WILSON RIVER	5.11	5.69	3.08
FREMONT	6.27	8.04	3.08
GREEN SPRINGS	28.72	30.95	3.08
NEHALEM	36.82	37.56	3.08
NORTH UMPQUA HIGHWAY EAST	25.02	25.42	3.08
ADAIR VILLAGE FRONT. RD.#1	74.46	74.66	3.08
WHITNEY	24.43	25.23	3.08
NEHALEM	27.84	28.37	3.08
WILSON RIVER	19.56	20.72	3.08
HISTORIC COLUMBIA RIVER	8.39	8.68	3.08
NORTH UMPQUA HIGHWAY EAST	86.25	86.28	3.08
ALSEA	20.43	20.45	3.08
HISTORIC COLUMBIA RIVER	13.99	14.6	3.08
NORTH UMPQUA HIGHWAY EAST	50.09	50.65	3.08
ALSEA	47.89	47.9	3.08
BELLEVUE-HOPEWELL	9.45	9.77	3.08
NORTH UMPQUA HIGHWAY EAST	28.31	28.53	3.08
WHITNEY	17	17.01	3.08
WILSON RIVER	4.22	4.63	3.08
NEHALEM	70.93	71.46	3.08
WAPINITIA	6.97	7.34	3.08
NORTH UMPQUA HIGHWAY EAST	22.05	22.2	3.08
NORTH UMPQUA HIGHWAY EAST	24.7	25.02	3.08
FISHHAWK FALLS	5.4	6.21	3.08
CRATER LAKE	61.9	62.96	3.08
GREEN SPRINGS	25.99	27.25	3.08
WAPINITIA	2.24	3.7	3.08
NORTH UMPQUA HIGHWAY EAST	33.98	34.79	3.08
WHITNEY	24.26	24.43	3.08
NEHALEM	20.71	21.45	3.08
PACIFIC HIGHWAY WEST	73.75	73.81	3.08
CRATER LAKE	56.05	56.09	3.08
NORTH UMPQUA HIGHWAY EAST	68.75	69.73	3.08
OREGON CAVES	15.6	15.63	3.08
NORTH UMPQUA HIGHWAY EAST	38.88	38.92	3.08
THREE RIVERS	11.34	11.88	3.08
HISTORIC COLUMBIA RIVER	22	22.03	3.08
NORTH UMPQUA HIGHWAY EAST	75.15	78.81	3.08
NORTH UMPQUA HIGHWAY EAST	39.2	39.85	3.08
NEHALEM	37.56	38.52	3.08
WILSON RIVER	29.65	30.45	3.08
NEHALEM	70.18	70.93	3.08
ALSEA	1.4	1.67	3.08
PACIFIC HIGHWAY WEST	72.54	72.82	3.08
NORTH UMPQUA HIGHWAY EAST	79.36	81.64	3.08
FISHHAWK FALLS	6.88	7.61	3.08
THREE RIVERS	3.4	4.47	3.08
GREEN SPRINGS	13.66	14.81	3.08
HISTORIC COLUMBIA RIVER	14.7	14.84	3.08
NETARTS	4.2	5.46	3.08
NORTH UMPQUA HIGHWAY EAST	47.25	47.33	3.08
CRATER LAKE	61.02	61.9	3.08
ALSEA	13.43	14.19	3.08
WHITNEY	21.5	22.26	3.08
NEHALEM	21.75	22.76	3.08
GREEN SPRINGS	32.3	35.36	3.08
NEHALEM	38.52	38.64	3.08
CRATER LAKE	84.21	84.22	3.08
ALSEA	10.4	10.51	3.08
PACIFIC HIGHWAY WEST	72.33	72.34	3.08
WHITNEY	7.03	7.56	3.08
NEHALEM	41.82	43.5	3.08
WILSON RIVER	19.12	19.54	3.08
GREEN SPRINGS	42.08	43.37	3.08
ALSEA	26.71	26.84	3.08
NORTH UMPQUA HIGHWAY EAST	21.3	21.58	3.08
WHITNEY	10.6	11.01	3.08
CRATER LAKE	99.29	101.63	3.08
MIST-CLATSKANIE	7.75	7.97	3.08
WILSON RIVER	8	8.87	3.08
HISTORIC COLUMBIA RIVER	52.48	52.67	3.08
OREGON CAVES	13.66	15.6	3.08
NORTH UMPQUA HIGHWAY EAST	86.09	86.25	3.08

CRATER LAKE	57.31	57.6	3.08
ALSEA	43.82	45.08	3.08
NORTH UMPQUA HIGHWAY EAST	37.08	38.33	3.08
NEHALEM	5.09	5.19	3.08
OREGON CAVES	11.67	11.77	3.08
NORTH UMPQUA HIGHWAY EAST	50.65	51.17	3.08
NEHALEM	40.77	41.74	3.08
WAPINITIA	9.95	10.82	3.08
WHITNEY	18.65	19.74	3.08
LITTLE NESTUCCA	8.76	9.3	3.08
NEHALEM	65.2	66.78	3.08
WILSON RIVER	6.95	6.96	3.08
GREEN SPRINGS	22.88	23.85	3.08
NEHALEM	3.94	4.21	3.08
WILSON RIVER	25.95	26.61	3.08
WILSON RIVER	17.92	18.15	3.08
NEHALEM	10.5	11.05	3.08
WILSONVILLE-HUBBARD	1.75	2.23	3.08
WHITNEY	30.35	30.74	3.08
MIST-CLATSKANIE	6.51	7.27	3.08
WILSON RIVER	29.16	29.65	3.08
WOODBURN-ESTACADA	25.62	26.41	3.08
HISTORIC COLUMBIA RIVER	8.68	8.76	3.08
GREEN SPRINGS	27.25	27.87	3.08
WOODBURN-ESTACADA	19.26	19.28	3.08
NORTH UMPQUA HIGHWAY EAST	73.43	73.67	3.08
THREE RIVERS	15.38	16.7	3.08
HISTORIC COLUMBIA RIVER	13.96	13.99	3.08
NEHALEM	4.28	4.32	3.08
HISTORIC COLUMBIA RIVER	17.35	20.41	3.08
CRATER LAKE	55.89	56.05	3.08
NEHALEM	68.27	69.14	3.08
NORTH UMPQUA HIGHWAY EAST	28.53	28.8	3.08
NEHALEM	38.64	39.13	3.08
PACIFIC HIGHWAY WEST	70.67	72.33	3.08
WHITNEY	34.64	35.23	3.08
MIST-CLATSKANIE	6.37	6.51	3.08
WILSON RIVER	6.96	7.92	3.08
WOODBURN-ESTACADA	27.15	28.14	3.08
WAPINITIA	0.26	0.43	3.08
NORTH UMPQUA HIGHWAY EAST	33.14	33.98	3.08
WILSONVILLE-HUBBARD	2.23	2.73	3.08
NECANICUM	5.98	7.57	3.08
CRATER LAKE	56.83	57.22	3.08
NEHALEM	74.07	76.59	3.08
PACIFIC HIGHWAY WEST	73.68	73.69	3.08
NORTH UMPQUA HIGHWAY EAST	22.34	23.29	3.08
NORTH UMPQUA HIGHWAY EAST	88.39	91.74	3.08
CRATER LAKE	47.89	49.2	3.08
ALSEA	7.13	8.09	3.08
GREEN SPRINGS	25.1	25.52	3.08
CRATER LAKE	19.54	19.56	3.08
NEHALEM	68.23	68.27	3.08
THREE RIVERS	14.13	15.38	3.08
CRATER LAKE	84.01	84.21	3.08
NORTH UMPQUA HIGHWAY EAST	47.56	50.09	3.08
NORTH UMPQUA HIGHWAY EAST	55.13	57.04	3.08
WHITNEY	7.56	8.01	3.08
NEHALEM	9.89	10.5	3.08
WAPINITIA	4.31	4.64	3.08
WHITNEY	15.54	16	3.08
GREEN SPRINGS	36.45	37.43	3.08
NORTH UMPQUA HIGHWAY EAST	23.43	24.7	3.08
NEHALEM	6.3	6.91	3.08
FREMONT	2.31	2.96	3.08
CRATER LAKE	50.06	50.61	3.08
NEHALEM	57.13	57.39	3.08
WILSON RIVER	32.77	32.88	3.08
GREEN SPRINGS	30.95	32.08	3.08
ALSEA	54.56	55.42	3.08
NORTH UMPQUA HIGHWAY EAST	43.53	46.55	3.08
WILSON RIVER	25.8	25.95	3.08
GREEN SPRINGS	46.91	47.58	3.08
WILSON RIVER	27.93	29.16	3.08
WOODBURN-ESTACADA	22.94	23.98	3.08
HISTORIC COLUMBIA RIVER	12.02	12.15	3.08
NORTH UMPQUA HIGHWAY EAST	32.53	33.14	3.08

GREEN SPRINGS	16.51	17.49	3.08
WAPINITIA	4.95	5.18	3.08
CRATER LAKE	46.1	47.21	3.08
NEHALEM	57.11	57.13	3.08
GREEN SPRINGS	45.03	45.69	3.08
NEHALEM	26.75	27.84	3.08
WAPINITIA	4.64	4.95	3.08
FISHHAWK FALLS	1.93	5.21	3.08
THREE RIVERS	10.63	10.69	3.08
CRATER LAKE	54.87	55.69	3.08
NORTH UMPQUA HIGHWAY EAST	72.67	72.81	3.08
ALSEA	10.1	10.4	3.08
WHITNEY	16.21	17	3.08
CRATER LAKE	32.2	33.4	3.08
NEHALEM	30.36	33.17	3.08
GREEN SPRINGS	14.81	15.6	3.08
PENDLETON	6.03	6.6	3.08
N. CRATER LAKE CONN. NO. 2	86.01	86.09	3.08
MIST-CLATSKANIE	4.89	4.92	3.08
WILSON RIVER	30.45	31.65	3.08
GREEN SPRINGS	47.78	48.67	3.08
ALSEA	46.7	47.19	3.08
NORTH UMPQUA HIGHWAY EAST	22.24	22.34	3.08
NORTH UMPQUA HIGHWAY EAST	86.87	87.38	3.08
THREE RIVERS	9.28	10.63	3.08
HISTORIC COLUMBIA RIVER	21.01	21.4	3.08
OREGON CAVES	1.34	1.76	3.08
SALEM-DAYTON HWY CONN.	14.32	14.36	3.08
NORTH UMPQUA HIGHWAY EAST	66.66	67.18	3.08
NECANICUM	7.84	11.38	3.08
ALSEA	8.09	8.72	3.08
NORTH UMPQUA HIGHWAY EAST	70.93	71.65	3.08
NEHALEM	41.74	41.82	3.08
HISTORIC COLUMBIA RIVER	21.97	22.25	3.08
WILSON RIVER	22.65	22.91	3.08
NORTH UMPQUA HIGHWAY EAST	47.4	47.56	3.08
CRATER LAKE	50.61	51.36	3.08
WHITNEY	22.48	22.51	3.08
LITTLE NESTUCCA	3.1	3.57	3.08
NEHALEM	28.37	28.56	3.08
WILSON RIVER	5.69	5.82	3.08
ALSEA	9.07	9.16	3.08
WILSONVILLE-HUBBARD	1.65	1.75	3.08
MIST-CLATSKANIE	2.13	4.43	3.08
GREEN SPRINGS	25.52	25.99	3.08
NEHALEM	9.44	9.89	3.08
WILSON RIVER	19.54	19.56	3.08
OREGON CAVES	17.63	17.82	3.08
NECANICUM	0.74	1.51	3.08
CRATER LAKE	29.36	31.23	3.08
THREE RIVERS	13.81	14.13	3.08
ALSEA	9.98	10.1	3.08
NEHALEM	69.14	70.18	3.08
OREGON CAVES	13.22	13.66	3.08
NORTH UMPQUA HIGHWAY EAST	74.05	74.45	3.08
THREE RIVERS	18.3	19.36	3.08
HISTORIC COLUMBIA RIVER	21.69	22	3.08
WAPINITIA	8.06	8.37	3.08
NORTH UMPQUA HIGHWAY EAST	66.11	66.66	3.08
CRATER LAKE	64.64	65.45	3.08
NEHALEM	21.65	21.75	3.08
NORTH UMPQUA HIGHWAY EAST	25.7	26.15	3.08
WHITNEY	35.42	35.66	3.08
MAPLETON-JUNCTION CITY	5.73	5.76	3.08
WEST DIAMOND LAKE	15.23	18.15	3.08
SILETZ	5.89	8.05	3.08
ELKTON-SUTHERLIN	3.58	4.59	3.08
ROGUE RIVER LOOP	16.71	17.64	3.08
UKIAH-HILGARD	10.95	11.7	3.08
POWERS	1	1.71	3.08
EDDYVILLE-BLODGETT	10.93	11.7	3.08
COOS RIVER	9.7	9.78	3.08
HALFWAY-CORNUCOPIA	0.24	0.5	3.08
SILETZ	27.43	30.48	3.08
CENTURY DRIVE	10.55	11.43	3.08
CLACKAMAS	31.27	33.32	3.08
COQUILLE-BANDON	13.99	14.71	3.08

MADRAS-PRINEVILLE	8.97	8.99	3.08
COOS RIVER	3.52	3.56	3.08
ALSEA-DEADWOOD	6.29	7.1	3.08
MAPLETON-JUNCTION CITY	38.1	38.69	3.08
HEPPNER-SPRAY	28.89	32.45	3.08
WESTON-ELGIN	19.98	20.5	3.08
SILVER CREEK FALLS	23.54	25	3.08
TIMBERLINE	3.76	5.32	3.08
MAPLETON-JUNCTION CITY	42.17	43.4	3.08
HEPPNER-SPRAY	28.34	28.39	3.08
SILETZ	21.41	21.95	3.08
COQUILLE-BANDON	1.76	3.1	3.08
MAPLETON-JUNCTION CITY	21.55	22.72	3.08
MAPLETON-JUNCTION CITY	25.34	25.56	3.08
ELKTON-SUTHERLIN	13.29	13.69	3.08
EDDYVILLE-BLODGETT	15.13	15.62	3.08
TERRITORIAL	11.64	11.73	3.08
COQUILLE-BANDON	10.86	11.12	3.08
CRESCENT LAKE	2.22	2.24	3.08
CENTURY DRIVE	9.59	10.55	3.08
MADRAS-PRINEVILLE	12.74	13.11	3.08
COOS RIVER	15.14	16.47	3.08
COOS RIVER	3.89	3.97	3.08
COQUILLE-BANDON	3.1	7.21	3.08
TERRITORIAL	27.35	28.72	3.08
MAPLETON-JUNCTION CITY	43.4	43.84	3.08
SILETZ	17.51	18.17	3.08
WEST DIAMOND LAKE	18.55	18.87	3.08
SILVER CREEK FALLS	27.44	27.56	3.08
WEST DIAMOND LAKE	6.01	7.55	3.08
CLACKAMAS	44.96	45.78	3.08
MAPLETON-JUNCTION CITY	3.33	4.68	3.08
MADRAS-PRINEVILLE	8.99	9.9	3.08
CENTURY DRIVE	18.8	18.9	3.08
WESTON-ELGIN	14.47	14.89	3.08
WEST DIAMOND LAKE	23.63	23.8	3.08
ALSEA-DEADWOOD	7.1	7.91	3.08
COOS RIVER	10	10.87	3.08
JACKSONVILLE	9.63	10	3.08
TERRITORIAL	41.99	42.08	3.08
SILETZ	10.13	10.46	3.08
SILVER CREEK FALLS	23.47	23.5	3.08
POWERS	0.65	1	3.08
SILETZ	4.47	5.53	3.08
CENTURY DRIVE	18.9	18.93	3.08
UKIAH-HILGARD	21.98	23.54	3.08
WESTON-ELGIN	17.85	18.09	3.08
KINGS VALLEY	29.76	30.34	3.08
CLACKAMAS	38.65	38.69	3.08
UKIAH-HILGARD	9.9	10.95	3.08
KINGS VALLEY	26.6	27.33	3.08
CLACKAMAS	34.11	34.2	3.08
MADRAS-PRINEVILLE	8.86	8.97	3.08
WEST DIAMOND LAKE	23.32	23.63	3.08
COOS RIVER	9.81	9.92	3.08
WEST DIAMOND LAKE	3.13	5.99	3.08
DOOLEY MOUNTAIN	21.13	23.29	3.08
TERRITORIAL	30.47	31.23	3.08
WEST DIAMOND LAKE	9.07	9.12	3.08
SILETZ	1.88	1.91	3.08
CENTURY DRIVE	8.65	9.51	3.08
CLACKAMAS	49.43	49.57	3.08
MAPLETON-JUNCTION CITY	17.59	19.75	3.08
SILVER CREEK FALLS	27.56	27.91	3.08
TERRITORIAL	40.41	40.81	3.08
CENTURY DRIVE	14.86	16.12	3.08
CLACKAMAS	25.81	26.62	3.08
GOSHEN-DIVIDE	9.69	10.03	3.08
MAPLETON-JUNCTION CITY	38.95	42.17	3.08
CLACKAMAS	49.18	49.38	3.08
COOS RIVER	14.89	15.05	3.08
HALFWAY-CORNUCOPIA	9.00E-02	0.24	3.08
TERRITORIAL	34.47	35.96	3.08
TERRITORIAL	31.23	31.38	3.08
ROGUE RIVER LOOP	13.96	14.88	3.08
WESTON-ELGIN	17.39	17.85	3.08
POWERS	3.78	5.21	3.08

SILETZ	26.33	27.07	3.08
SILVER CREEK FALLS	25	25.1	3.08
TERRITORIAL	14.72	16.04	3.08
CENTURY DRIVE	17.04	17.27	3.08
UKIAH-HILGARD	19.19	20.3	3.08
GOSHEN-DIVIDE	19.55	19.92	3.08
WEST DIAMOND LAKE	10.25	10.36	3.08
TIMBERLINE	1.39	3.71	3.08
HEPPNER-SPRAY	26.7	28.28	3.08
SILETZ	5.53	5.89	3.08
FARADAY FRONTAGE RD. NO. 2	28.58	28.87	3.08
POWERS	15.5	16.99	3.08
EDDYVILLE-BLODGETT	10.92	10.93	3.08
CLACKAMAS	44.57	44.96	3.08
UKIAH-HILGARD	15.44	16.83	3.08
KINGS VALLEY	25.02	26.6	3.08
CLACKAMAS	49.9	49.95	3.08
GOSHEN-DIVIDE	8.71	9.69	3.08
MADRAS-PRINEVILLE	13.11	13.52	3.08
PORT OF ENTRY CONN. NO. 1	10.83	10.88	3.08
COOS RIVER	13.94	14.16	3.08
SILETZ	13.65	15.36	3.08
COOS RIVER	4.88	5.59	3.08
KINGS VALLEY	13.22	13.86	3.08
EDDYVILLE-BLODGETT	4.19	4.78	3.08
CENTURY DRIVE	13.51	13.77	3.08
UKIAH-HILGARD	14.52	15.35	3.08
POWERS	6.52	7.63	3.08
COUNTY RD. CONN.	25.73	25.76	3.08
COOS RIVER	6.95	7.25	3.08
SILETZ	1.91	2.09	3.08
CLACKAMAS	33.82	34.11	3.08
SILETZ	2.09	2.21	3.08
O NEIL	0.38	0.86	3.08
CRESCENT LAKE	1.84	1.91	3.08
CENTURY DRIVE	7.59	8.65	3.08
POWERS	5.45	6.48	3.08
CLACKAMAS	24.78	25.19	3.08
WESTON-ELGIN	20.5	21.19	3.08
MADRAS-PRINEVILLE	13.52	15.72	3.08
TERRITORIAL	32.06	32.49	3.08
MAPLETON-JUNCTION CITY	36.75	37.81	3.08
ROGUE RIVER LOOP	14.88	16.01	3.08
POWERS	16.99	17	3.08
CLACKAMAS	29.13	29.18	3.08
TERRITORIAL	37.77	37.87	3.08
HEPPNER-SPRAY	32.45	34.05	3.08
MAPLETON-JUNCTION CITY	14.24	17.59	3.08
SILETZ	3.76	4.27	3.08
SILVER CREEK FALLS	25.1	25.14	3.08
CENTURY DRIVE	9.51	9.59	3.08
CLACKAMAS	49.96	49.97	3.08
UKIAH-HILGARD	20.3	21.98	3.08
KINGS VALLEY	28.15	28.96	3.08
EDDYVILLE-BLODGETT	13.62	14.18	3.08
COOS RIVER	5.59	6.95	3.08
COQUILLE-BANDON	11.12	11.17	3.08
MAPLETON-JUNCTION CITY	4.68	5.73	3.08
SILETZ	17.43	17.51	3.08
SUNRIVER INTCHGE. NO. 1	18.93	18.97	3.08
WESTON-ELGIN	13.83	14.21	3.08
KINGS VALLEY	12.61	13.22	3.08
TERRITORIAL	11.73	11.86	3.08
CENTURY DRIVE	11.43	11.76	3.08
GOSHEN-DIVIDE	12.88	13.73	3.08
MAPLETON-JUNCTION CITY	10.58	12.21	3.08
STEENS	65.65	73.06	3.08
SILETZ	24.96	25.38	3.08
TERRITORIAL	11.61	11.64	3.08
SISKIYOU	9	12.02	3.08
KINGS VALLEY	27.62	28.15	3.08
EDDYVILLE-BLODGETT	11.73	12.53	3.08
MADRAS-PRINEVILLE	1.55	2.7	3.08
COOS RIVER	3.39	3.52	3.08
DOOLEY MOUNTAIN	28.94	28.96	3.08
COQUILLE-BANDON	13.18	13.66	3.08
HEPPNER-SPRAY	24.65	25.81	3.08

MAPLETON-JUNCTION CITY	38.93	38.95	3.08
SILETZ	21.95	21.99	3.08
CLACKAMAS	25.19	25.81	3.08
KINGS VALLEY	14.14	14.66	3.08
SILETZ	21.99	22.21	3.08
TERRITORIAL	26.04	27.31	3.08
MADRAS-PRINEVILLE	4.45	6.45	3.08
CRESCENT LAKE	1.93	2.22	3.08
COOS RIVER	18.56	19.15	3.08
COQUILLE-BANDON	10.37	10.85	3.08
MAPLETON-JUNCTION CITY	43.84	44.51	3.08
SILETZ	20.38	20.61	3.08
CENTURY DRIVE	5.92	6.4	3.08
MAPLETON-JUNCTION CITY	24.03	25.34	3.08
MAPLETON-JUNCTION CITY	34.91	36.75	3.08
MAPLETON-JUNCTION CITY	26.51	28.39	3.08
HALFWAY-CORNUCOPIA	4.65	4.95	3.08
COQUILLE-BANDON	7.22	8.98	3.08
TERRITORIAL	28.72	30.47	3.08
SILETZ	15.91	17.43	3.08
SILVER CREEK FALLS	38.54	38.66	3.08
CENTURY DRIVE	17.27	18.42	3.08
CLACKAMAS	30.51	30.92	3.08
KINGS VALLEY	13.86	14.14	3.08
CRESCENT LAKE	0.68	1.84	3.08
CLACKAMAS	34.2	37.46	3.08
ELKTON-SUTHERLIN	13.97	15.62	3.08
CLACKAMAS	33.49	33.59	3.08
HALFWAY-CORNUCOPIA	4.56	4.65	3.08
COQUILLE-BANDON	10.85	10.86	3.08
EDDYVILLE-BLODGETT	14.41	15.13	3.08
CAPE ARAGO	10.18	10.3	3.08
CENTURY DRIVE	18.81	19.15	3.08
CLACKAMAS	37.46	38.65	3.08
KINGS VALLEY	14.66	15.62	3.08
CLACKAMAS	49.14	49.18	3.08
ELKTON-SUTHERLIN	13.69	13.97	3.08
SILETZ	27.07	27.43	3.08
SILVER CREEK FALLS	25.14	27.43	3.08
TERRITORIAL	14.34	14.72	3.08
CENTURY DRIVE	13.33	13.51	3.08
CLACKAMAS	49.95	49.96	3.08
PORT OF ENTRY CONN. NO. 1	11.15	11.16	3.08
COOS RIVER	4	4.88	3.08
COOS RIVER	2.48	3.39	3.08
WEST DIAMOND LAKE	9.12	10.25	3.08
SILETZ	4.27	4.47	3.08
ROGUE RIVER LOOP	12.99	13.96	3.08
CENTURY DRIVE	18.42	18.8	3.08
WESTON-ELGIN	14.89	15.15	3.08
HOOD RIVER	11.44	13.31	3.08
GOSHEN-DIVIDE	11.08	11.92	3.08
EDDYVILLE-BLODGETT	5.74	6.06	3.08
CHILOQUIN	0.16	2.05	3.08
MADRAS-PRINEVILLE	6.45	8.86	3.08
COOS RIVER	16.47	18.32	3.08
CLACKAMAS	33.59	33.82	3.08
HALFWAY-CORNUCOPIA	1.14E-13	9.00E-02	3.08
TERRITORIAL	31.38	32.06	3.08
HEPPNER-SPRAY	25.9	26.47	3.08
MAPLETON-JUNCTION CITY	10.5	10.58	3.08
WEST DIAMOND LAKE	10.36	11.48	3.08
ALSEA-DEADWOOD	7.91	9.43	3.08
WEST DIAMOND LAKE	18.15	18.47	3.08
SILETZ	3.33	3.76	3.08
FARADAY FRONTAGE RD. NO. 1	24.78	25.12	3.08
TERRITORIAL	37.87	38.41	3.08
HEPPNER-SPRAY	28.45	28.56	3.08
WEST DIAMOND LAKE	11.48	12.16	3.08
CLACKAMAS	45.78	45.89	3.08
ALBANY-LYONS	21.89	22.47	3.08
TERRITORIAL	40.81	41.71	3.08
MAPLETON-JUNCTION CITY	34.38	34.91	3.08
MADRAS-PRINEVILLE	2.7	4.45	3.08
CENTURY DRIVE	6.4	6.54	3.08
MADRAS-PRINEVILLE	15.72	16.3	3.08
TIMBERLINE	0.57	1	3.08

MADRAS-PRINEVILLE	9.9	11.5	3.08
KINGS VALLEY	10.94	12.61	3.08
COQUILLE-BANDON	12.12	13.13	3.08
SILETZ	18.17	18.59	3.08
TERRITORIAL	41.96	41.99	3.08
CLACKAMAS	33.32	33.35	3.08
WESTON-ELGIN	16.14	17.02	3.08
KINGS VALLEY	15.62	16.79	3.08
CENTURY DRIVE	16.87	17.04	3.08
WESTON-ELGIN	19.89	19.98	3.08
CLACKAMAS	42.17	44.57	3.08
SILETZ	25.73	25.82	3.08
TERRITORIAL	38.6	40.41	3.08
CENTURY DRIVE	11.76	12.64	3.08
CHILOQUIN	2.05	3.08	3.08
MAPLETON-JUNCTION CITY	38.69	38.93	3.08
CLACKAMAS	38.69	39.05	3.08
TERRITORIAL	41.71	41.96	3.08
MAPLETON-JUNCTION CITY	2.02	3.27	3.08
SILETZ	25.82	26.23	3.08
CENTURY DRIVE	16.12	16.3	3.08
UKIAH-HILGARD	18.08	19.19	3.08
CENTURY DRIVE	16.3	16.87	3.08
SILETZ	12	13.65	3.08
COOS RIVER	9.78	9.81	3.08
ALSEA-DEADWOOD	4.72	6.29	3.08
MAPLETON-JUNCTION CITY	31.38	32.12	3.08
SILETZ	25.38	25.73	3.08
SILVER CREEK FALLS	23.5	23.54	3.08
COOS RIVER	15.05	15.14	3.08
UMATILLA MISSION	1.82	2.16	3.08
MAPLETON-JUNCTION CITY	19.75	21.53	3.08
WEST DIAMOND LAKE	5.99	6.01	3.08
SILVER CREEK FALLS	27.43	27.44	3.08
CENTURY DRIVE	18.42	18.78	3.08
TERRITORIAL	14.17	14.34	3.08
UKIAH-HILGARD	11.7	14.52	3.08
KINGS VALLEY	27.33	27.62	3.08
TIMBERLINE	0.54	0.57	3.08
COOS RIVER	10.87	13.85	3.08
SILETZ	26.23	26.33	3.08
COOS RIVER	7.25	9.7	3.08
TERRITORIAL	33.98	34.47	3.08
MAPLETON-JUNCTION CITY	13.25	14.24	3.08
WEST DIAMOND LAKE	12.16	15.23	3.08
SILETZ	1.85	1.88	3.08
MAPLETON-JUNCTION CITY	9.42	10.5	3.08
MAPLETON-JUNCTION CITY	8.4	9.42	3.08
MAPLETON-JUNCTION CITY	25.56	26.11	3.08
SILETZ	18.59	18.63	3.08
ROGUE RIVER LOOP	12.78	12.94	3.08
CENTURY DRIVE	18.78	18.81	3.08
CLACKAMAS	49.57	49.9	3.08
GOSHEN-DIVIDE	12.17	12.88	3.08
JACKSONVILLE	10	10.41	3.08
WEST DIAMOND LAKE	18.47	18.55	3.08
COOS RIVER	3.56	3.89	3.08
UMATILLA MISSION	1.66	1.82	3.08
MAPLETON-JUNCTION CITY	37.81	38.1	3.08
MAPLETON-JUNCTION CITY	22.72	24.03	3.08
WEST DIAMOND LAKE	7.55	9.07	3.08
SILETZ	18.63	19.95	3.08
SILVER CREEK FALLS	22.06	23.47	3.08
CLACKAMAS	30.92	31.27	3.08
MAPLETON-JUNCTION CITY	12.21	13.25	3.08
CRESCENT LAKE	2.24	2.33	3.08
CENTURY DRIVE	6.54	7.13	3.08
WESTON-ELGIN	14.21	14.47	3.08
MAPLETON-JUNCTION CITY	7.34	7.9	3.08
JACKSONVILLE	10.41	11.83	3.08
SILETZ	11.74	12	3.08
GOSHEN-DIVIDE	19.55	20.05	3.08
UKIAH-HILGARD	16.86	18.08	3.08
COOS RIVER	18.32	18.56	3.08
COQUILLE-BANDON	13.13	13.18	3.08
MAPLETON-JUNCTION CITY	34.26	34.38	3.08
WEST DIAMOND LAKE	18.87	19.6	3.08

CENTURY DRIVE	21.96	21.98	3.08
CLACKAMAS	33.35	33.49	3.08
COQUILLE-BANDON	9.01	10.37	3.08
HEPPNER-SPRAY	28.56	28.89	3.08
SILETZ	-0.19	1	3.08
TIMBERLINE	1	1.39	3.08
DOOLEY MOUNTAIN	28.96	33.54	3.08
COQUILLE-BANDON	11.21	12.12	3.08
HEPPNER-SPRAY	28.39	28.45	3.08
WEST DIAMOND LAKE	20.53	20.78	3.08
MAPLETON-JUNCTION CITY	1.96	2.02	3.08
MAPLETON-JUNCTION CITY	5.76	5.77	3.08
SILETZ	1.55	1.85	3.08
SUCCOR CREEK	12.87	16.95	3.08
CRESCENT LAKE	2.33	2.39	3.08
CENTURY DRIVE	21.87	21.96	3.08
CLACKAMAS	28.87	29.13	3.08
SILETZ	20.61	20.76	3.08
SILVER CREEK FALLS	11.06	11.61	3.08
CARPENTERVILLE	338.58	339.49	3.08
CLACKAMAS	39.08	39.24	3.08
WESTON-ELGIN	17.02	17.39	3.08
EDDYVILLE-BLODGETT	12.53	13.62	3.08
CRESCENT LAKE	1.91	1.93	3.08
CENTURY DRIVE	12.64	13.33	3.08
JACKSONVILLE	7.22	8.61	3.08
COOS RIVER	14.17	14.89	3.08
COQUILLE-BANDON	11.17	11.21	3.08
HEPPNER-SPRAY	26.47	26.7	3.08
SILETZ	1	1.55	3.08
CAPE ARAGO	10.3	10.94	3.08
DOOLEY MOUNTAIN	33.54	35.58	3.08
WEST DIAMOND LAKE	20.78	23.32	3.08
EDDYVILLE-BLODGETT	4.78	5.74	3.08
POWERS	6.48	6.52	3.08
CLACKAMAS	39.05	39.08	3.08
DOOLEY MOUNTAIN	23.29	28.53	3.08
MADRAS-PRINEVILLE	11.5	12.74	3.08
SILETZ	10.46	11.64	3.08
FARADAY FRONTAGE RD. NO. 3	24.78	24.79	3.08
HALFWAY-CORNUCOPIA	0.5	4.56	3.08
EDDYVILLE-BLODGETT	6.06	10.92	3.08
UMATILLA MISSION	4.61	4.84	3.08
CLACKAMAS	30.02	30.51	3.08
COQUILLE-BANDON	7.21	7.22	3.08
MAPLETON-JUNCTION CITY	26.11	26.51	3.08
SILETZ	8.05	10.13	3.08
MAPLETON-JUNCTION CITY	5.77	6.84	3.08
HEPPNER-SPRAY	28.28	28.34	3.08
CENTURY DRIVE	7.13	7.59	3.08
PORT OF ENTRY CONN. NO. 3	10.66	10.67	3.08
DOOLEY MOUNTAIN	28.53	28.94	3.08
COOS RIVER	14.16	14.17	3.08
CLACKAMAS	49.38	49.43	3.08
HALFWAY-CORNUCOPIA	4.95	5.45	3.08
TERRITORIAL	32.49	33.06	3.08
WEST DIAMOND LAKE	19.6	20.53	3.08
SILETZ	21.11	21.41	3.08
CLACKAMAS	39.24	42.17	3.08
POWERS	17.1	17.51	3.08
SILETZ	2.21	3.33	3.08
S CENTURY DRIVE CONN. 3	153.17	153.19	2.91
COTTONWOOD CONN. NO. 3	151.3	151.31	2.91
COTTONWOOD CONN. NO. 1	151.23	151.3	2.91
BEAVER MARSH S.R.A. CONN 2	206.84	207.07	2.91
S CENTURY DRIVE CONN. 3	152.8	152.88	2.91
BEAVER MARSH S.R.A. CONN 3	206.84	207.05	2.91
S CENTURY DRIVE CONN. 1	153	153.1	2.91
COTTONWOOD CONN. NO. 3	151.3742772	151.38	2.91
S CENTURY DRIVE CONN. 3	152.88	153.02	2.91
S CENTURY DRIVE CONN. 2	153	153.21	2.91
COTTONWOOD CONN. NO. 2	151.23	151.38	2.91
COTTONWOOD CONN. NO. 3	151.2	151.3	2.91
COTTONWOOD CONN. NO. 3	151.46	151.52	2.91
COTTONWOOD CONN. NO. 2	151.2	151.206	2.91
N. PLAINS CONN. NO. 2	57.29	57.36	2.91
MT HOOD MEADOWS CONN NO 1	64	64.04	2.91

MT HOOD MEADOWS CONN NO 4	64.04	64.09	2.91
WAUNA CONN. NO. 2	72.79	72.83	2.91
MT HOOD MEADOWS CONN NO 3	64	64.04	2.91
MT HOOD MEADOWS CONN NO 1	63.74	63.87	2.91
MT HOOD MEADOWS CONN NO 1	63.58	63.74	2.91
JOHN DAY	1.24	1.26	2.8
JOHN DAY	1.11	1.12	2.8
SCHOOLHOUSE CREEK FR. RD.	64.87	64.96	2.8
JOHN DAY	57.33	57.59	2.8
JOHN DAY	0.6	0.72	2.8
JOHN DAY	59.18	59.24	2.8
JOHN DAY	1.13	1.15	2.8
JOHN DAY	0.98	1.11	2.8
MCKENZIE	91.39	91.42	2.8
JOHN DAY	0.31	0.34	2.8
JOHN DAY	0.72	0.96	2.8
THE DALLES-CALIFORNIA	44.48	44.53	2.8
JOHN DAY	57.59	57.6	2.8
JOHN DAY	1.15	1.24	2.8
JOHN DAY	1.14E-13	0.76	2.8
CENTRAL OREGON	258.67	259.67	2.8
THE DALLES-CALIFORNIA	12.6	13.22	2.8
THE DALLES-CALIFORNIA	44.24	44.42	2.8
JOHN DAY	36.12	37.5	2.8
THE DALLES-CALIFORNIA	43.99	44.11	2.8
JOHN DAY	1.27	1.55	2.8
JOHN DAY	37.5	37.79	2.8
THE DALLES-CALIFORNIA	13.22	14.28	2.8
JOHN DAY	58.15	58.21	2.8
CENTRAL OREGON	265.43	265.5	2.8
CENTRAL OREGON	265.5	265.68	2.8
JOHN DAY	59.24	59.36	2.8
THE DALLES-CALIFORNIA	44.11	44.24	2.8
MCKENZIE	91.42	91.47	2.8
JOHN DAY	58.09	58.15	2.8
JOHN DAY	0.96	1.12	2.8
MCKENZIE	91.7	91.79	2.8
S. WOLF CREEK CONN. NO. 2	75.96	76.06	2.8
JOHN DAY	1.14E-13	0.31	2.8
JOHN DAY	88.13	92.27	2.8
JOHN DAY	57.6	57.73	2.8
THE DALLES-CALIFORNIA	12.54	12.6	2.8
CENTRAL OREGON	265.17	265.24	2.8
JOHN DAY	1.12	1.13	2.8
CENTRAL OREGON	265.4	265.43	2.8
CENTRAL OREGON	266.52	266.58	2.8
JOHN DAY	59.68	62.55	2.8
JOHN DAY	59.36	59.52	2.8
THE DALLES-CALIFORNIA	44.42	44.48	2.8
BOARDMAN CONN. NO. 2	164.11	164.21	2.8
N DUFUR FRONTAGE RD.	12.54	12.61	2.8
JOHN DAY	57.73	58.09	2.8
THE DALLES-CALIFORNIA	12.17	12.54	2.8
CENTRAL OREGON	265.29	265.4	2.8
JOHN DAY	0.97	0.98	2.8
JOHN DAY	1.26	1.27	2.8
CENTRAL OREGON	265.24	265.29	2.8
JOHN DAY	59.52	59.68	2.8
THE DALLES-CALIFORNIA	44.53	44.97	2.8
JOHN DAY	1.12	1.13	2.8
ROCK CREEK ACCESS RD.	252.65	253.97	2.8
JOHN DAY	38.51	39.52	2.8
JOHN DAY	92.78	93.67	2.8
HEPPNER	46.28	46.48	2.8
ALSEA	39.81	39.88	2.8
OREGON CAVES	0.41	0.75	2.8
HEPPNER	27.38	27.41	2.8
CRATER LAKE	21.03	21.74	2.8
NEHALEM	61.22	61.27	2.8
KLAMATH FALLS-MALIN	23.04	23.57	2.8
CRATER LAKE	13.63	14.08	2.8
TUALATIN VALLEY	33.43	34.17	2.8
HILLSBORO-SILVERTON	2.78	3.84	2.8
CRATER LAKE	20.52	20.59	2.8
ALBANY-JUNCTION CITY	18.96	19.3	2.8
HEPPNER	28.34	28.75	2.8
NORTH UMPQUA HIGHWAY EAST	16.66	16.75	2.8

PACIFIC HIGHWAY WEST	43	43.47	2.8
PACIFIC HIGHWAY WEST	99.47	100.16	2.8
NORTH UMPQUA HIGHWAY EAST	16.92	17.05	2.8
CRATER LAKE	97.09	97.24	2.8
NEHALEM	29.09	29.2	2.8
HISTORIC COLUMBIA RIVER	7.34	7.64	2.8
WOODBURN-ESTACADA	16.31	16.39	2.8
WOODBURN-ESTACADA	32.53	32.74	2.8
CASCADE HWY SOUTH	24.2	24.3	2.8
GREEN SPRINGS	50.26	50.62	2.8
NEHALEM	61.05	61.09	2.8
PACIFIC HIGHWAY WEST	100.47	100.54	2.8
TUALATIN VALLEY	38.39	38.44	2.8
HEPPNER	45.36	45.38	2.8
KLAMATH FALLS-MALIN	23.57	23.82	2.8
NEHALEM	61.63	61.7	2.8
ALBANY-JUNCTION CITY	19.7	19.75	2.8
NEHALEM	61.7	61.98	2.8
NORTH UMPQUA HIGHWAY EAST	17.27	17.4	2.8
CRATER LAKE	12.86	12.99	2.8
PACIFIC HIGHWAY WEST	45.02	45.29	2.8
WOODBURN-ESTACADA	20.29	20.75	2.8
HISTORIC COLUMBIA RIVER	6.66	6.77	2.8
WOODBURN-ESTACADA	32.74	32.79	2.8
NORTH UMPQUA HIGHWAY EAST	16.75	16.82	2.8
CRATER LAKE	43.72	44.07	2.8
ALBANY-JUNCTION CITY	29.28	29.66	2.8
ALBANY-JUNCTION CITY	27.81	28.32	2.8
LA GRANDE-BAKER	17.14	17.18	2.8
HEPPNER	27.88	28.01	2.8
HILLSBORO-SILVERTON	28.72	30.03	2.8
CRATER LAKE	12.99	13.63	2.8
WOODBURN-ESTACADA	3.41	3.78	2.8
LA GRANDE-BAKER	40.96	41.06	2.8
CRATER LAKE	44.07	44.19	2.8
WOODBURN-ESTACADA	8.09	9.11	2.8
LA GRANDE-BAKER	40.02	40.31	2.8
GREEN SPRINGS	49.31	49.4	2.8
NEHALEM	61.43	61.51	2.8
CRATER LAKE	97.24	97.32	2.8
NEHALEM	60.13	60.65	2.8
LA GRANDE-BAKER	16.91	17.14	2.8
CASCADE HWY SOUTH	24.3	24.77	2.8
HILLSBORO-SILVERTON	4	4.27	2.8
HEPPNER	46.48	46.76	2.8
WOODBURN-ESTACADA	16.12	16.31	2.8
CRATER LAKE	97.32	98.55	2.8
CASCADE HWY SOUTH	22.96	24.2	2.8
HILLSBORO-SILVERTON	4.27	4.8	2.8
ALBANY-JUNCTION CITY	25.96	27.81	2.8
HISTORIC COLUMBIA RIVER	6.88	6.91	2.8
GREEN SPRINGS	48.71	49.31	2.8
WOODBURN-ESTACADA	15.69	16.03	2.8
HISTORIC COLUMBIA RIVER	5.8	5.81	2.8
NEHALEM	61.01	61.05	2.8
TUALATIN VALLEY	33.39	33.43	2.8
SALEM-DAYTON	9.55	10.98	2.8
ALBANY-JUNCTION CITY	19.85	19.94	2.8
TUALATIN VALLEY	37.11	37.5	2.8
ALBANY-JUNCTION CITY	19.5	19.55	2.8
PACIFIC HIGHWAY WEST	100.16	100.3	2.8
WOODBURN-ESTACADA	16.39	16.43	2.8
CRATER LAKE	19.96	20.09	2.8
HILLSBORO-SILVERTON	28.35	28.72	2.8
WOODBURN-ESTACADA	20.75	20.82	2.8
KLAMATH FALLS-MALIN	18.65	19.14	2.8
ALSEA	39.67	39.81	2.8
LA GRANDE-BAKER	17.18	17.48	2.8
GREEN SPRINGS	50.01	50.19	2.8
NORTH UMPQUA HIGHWAY EAST	15.92	16.25	2.8
HEPPNER	28.01	28.15	2.8
PACIFIC HIGHWAY WEST	43.47	44.17	2.8
YAMHILL-NEWBERG	0.54	0.63	2.8
GREEN SPRINGS	49.81	49.88	2.8
NORTH UMPQUA HIGHWAY EAST	17.59	17.76	2.8
CRATER LAKE	43.34	43.72	2.8
HEPPNER	45.44	45.53	2.8

WOODBURN-ESTACADA	3.78	4.68	2.8
ALBANY-JUNCTION CITY	19.33	19.41	2.8
NEHALEM	60.65	60.79	2.8
HEPPNER	45.16	45.32	2.8
PACIFIC HIGHWAY WEST	100.54	100.58	2.8
CRATER LAKE	20.42	20.52	2.8
HISTORIC COLUMBIA RIVER	6.95	7.15	2.8
BELLEVUE-HOPEWELL	6.58	6.63	2.8
HEPPNER	27.51	27.88	2.8
WOODBURN-ESTACADA	32.79	32.86	2.8
HILLSBORO-SILVERTON	27.71	27.76	2.8
PACIFIC HIGHWAY WEST	100.58	100.68	2.8
PACIFIC HIGHWAY WEST	107.02	108.32	2.8
KLAMATH FALLS-MALIN	24.49	25.02	2.8
ALBANY-JUNCTION CITY	19.6	19.65	2.8
BELLEVUE-HOPEWELL	6.63	7.07	2.8
NEHALEM	61.13	61.18	2.8
PACIFIC HIGHWAY WEST	101.15	101.66	2.8
F FRONTAGE RD.	17.4	17.59	2.8
LA GRANDE-BAKER	32.86	33.2	2.8
HISTORIC COLUMBIA RIVER	6.91	6.95	2.8
CRATER LAKE	20.95	21.03	2.8
WOODBURN-ESTACADA	16.03	16.1	2.8
GREEN SPRINGS	19.48	20.85	2.8
TUALATIN VALLEY	38.46	39.47	2.8
NEHALEM	62.15	62.22	2.8
ALSEA	40.04	40.97	2.8
WOODBURN-ESTACADA	33.18	33.28	2.8
HEPPNER	27.41	27.51	2.8
PACIFIC HIGHWAY WEST	45.29	46.74	2.8
ALBANY-JUNCTION CITY	28.32	28.48	2.8
HISTORIC COLUMBIA RIVER	7.22	7.34	2.8
PACIFIC HIGHWAY WEST	101.66	102.22	2.8
PACIFIC HIGHWAY WEST	101.1	101.15	2.8
YAMHILL-NEWBERG	0.63	1.11	2.8
G FRONTAGE RD.	17.59	17.61	2.8
HEPPNER	45.05	45.16	2.8
SALEM-DAYTON	11.73	11.78	2.8
DAIRY-BONANZA	6.34	6.39	2.8
LA GRANDE-BAKER	41.06	44	2.8
HISTORIC COLUMBIA RIVER	58.05	58.1	2.8
NEHALEM	61.56	61.63	2.8
GREEN SPRINGS	50.19	50.21	2.8
NEHALEM	60.88	61.01	2.8
KLAMATH FALLS-MALIN	18.61	18.65	2.8
GREEN SPRINGS	49.4	49.66	2.8
CRATER LAKE	44.21	44.29	2.8
HISTORIC COLUMBIA RIVER	6.77	6.88	2.8
WOODBURN-ESTACADA	20.82	20.89	2.8
HEPPNER	44.29	44.77	2.8
WOODBURN-ESTACADA	9.11	10.13	2.8
ALBANY-JUNCTION CITY	19.65	19.7	2.8
BELLEVUE-HOPEWELL	7.07	7.82	2.8
HISTORIC COLUMBIA RIVER	6.53	6.66	2.8
CRATER LAKE	45.39	45.44	2.8
GREEN SPRINGS	49.91	49.96	2.8
NEHALEM	61.18	61.22	2.8
ALSEA	38.91	39.67	2.8
GREEN SPRINGS	50.21	50.26	2.8
HEPPNER	45.32	45.36	2.8
FREMONT	98.78	99.2	2.8
NORTH UMPQUA HIGHWAY EAST	15.54	15.77	2.8
HILLSBORO-SILVERTON	26.27	27.71	2.8
TUALATIN VALLEY	38.44	38.46	2.8
LA GRANDE-BAKER	39.99	40.02	2.8
WOODBURN-ESTACADA	14.21	14.98	2.8
WOODBURN-ESTACADA	16.1	16.12	2.8
GREEN SPRINGS	49.66	49.72	2.8
WOODBURN-ESTACADA	16.43	16.46	2.8
DAIRY-BONANZA	6.18	6.34	2.8
FREMONT	97.62	98.25	2.8
HEPPNER	28.15	28.34	2.8
NORTH UMPQUA HIGHWAY EAST	16.42	16.47	2.8
CRATER LAKE	20.81	20.95	2.8
GREEN SPRINGS	49.74	49.81	2.8
WOODBURN-ESTACADA	16.39	16.43	2.8
SALEM-DAYTON	11.78	12.46	2.8

ALBANY-JUNCTION CITY	19.8	19.85	2.8
GREEN SPRINGS	49.88	49.91	2.8
ALBANY-JUNCTION CITY	19.55	19.6	2.8
ALBANY-JUNCTION CITY	18.35	18.96	2.8
NEHALEM	60.79	60.82	2.8
HILLSBORO-SILVERTON	4.8	5.08	2.8
ALBANY-JUNCTION CITY	19.41	19.5	2.8
GREEN SPRINGS	20.85	20.95	2.8
TUALATIN VALLEY	26.76	26.78	2.8
WOODBURN-ESTACADA	21.1	21.18	2.8
ALBANY-JUNCTION CITY	19.3	19.33	2.8
DAIRY-BONANZA	4.42	6.18	2.8
CRATER LAKE	45.44	45.48	2.8
OREGON CAVES	0.35	0.41	2.8
BELLEVUE-HOPEWELL	5.76	5.81	2.8
ALBANY-JUNCTION CITY	19.75	19.8	2.8
HISTORIC COLUMBIA RIVER	7.15	7.22	2.8
NEHALEM	29.2	29.58	2.8
CRATER LAKE	44.19	44.21	2.8
BELLEVUE-HOPEWELL	4.57	5.76	2.8
NEHALEM	61.27	61.32	2.8
HEPPNER	44.77	45.05	2.8
NORTH UMPQUA HIGHWAY EAST	16.82	16.92	2.8
NEHALEM	61.32	61.4	2.8
CRATER LAKE	42.5	43.34	2.8
HISTORIC COLUMBIA RIVER	57.88	58.05	2.8
NORTH UMPQUA HIGHWAY EAST	16.37	16.42	2.8
CRATER LAKE	45.31	45.39	2.8
NEHALEM	29.62	29.65	2.8
PACIFIC HIGHWAY WEST	100.37	100.47	2.8
GREEN SPRINGS	49.72	49.74	2.8
HEPPNER	46.76	49.19	2.8
HISTORIC COLUMBIA RIVER	6.41	6.53	2.8
LA GRANDE-BAKER	38.77	39.99	2.8
WOODBURN-ESTACADA	20.89	21.1	2.8
NEHALEM	61.09	61.13	2.8
NORTH UMPQUA HIGHWAY EAST	17.4	17.59	2.8
KLAMATH FALLS-MALIN	17.76	18.61	2.8
ALBANY-JUNCTION CITY	20.11	20.37	2.8
NEHALEM	61.4	61.43	2.8
NEHALEM	29.58	29.62	2.8
CRATER LAKE	20.24	20.42	2.8
AMITY-DAYTON	1.14E-13	1.06	2.8
NEHALEM	61.51	61.56	2.8
KLAMATH FALLS-MALIN	19.14	20.15	2.8
GREEN SPRINGS	49.96	50.01	2.8
LA GRANDE-BAKER	29.27	31.54	2.8
HEPPNER	45.38	45.44	2.8
WOODBURN-ESTACADA	32.86	33.18	2.8
HILLSBORO-SILVERTON	3.84	4	2.8
NEHALEM	60.82	60.88	2.8
TUALATIN VALLEY	26.78	27.33	2.8
HEPPNER	24.63	27.38	2.8
ALBANY-JUNCTION CITY	19.94	20.11	2.8
PACIFIC HIGHWAY WEST	100.3	100.37	2.8
FREMONT	99.2	100.18	2.8
MAPLETON-JUNCTION CITY	45.86	45.93	2.8
JACKSONVILLE	25.78	25.89	2.8
JACKSONVILLE	18.18	19.05	2.8
GOSHEN-DIVIDE	0.94	0.99	2.8
JACKSONVILLE	24.6	24.84	2.8
ALBANY-LYONS	25.3	25.36	2.8
ODELL	0.7	1.22	2.8
TERRITORIAL	10.08	10.1	2.8
TERRITORIAL	-3.00E-02	1.14E-13	2.8
STEENS	28.08	28.28	2.8
ALBANY-LYONS	9.12	9.34	2.8
COVE	13.14	13.21	2.8
HUNTINGTON	6.11	6.27	2.8
OLDS FERRY-ONTARIO	19.51	19.65	2.8
JACKSONVILLE	6.63	6.81	2.8
COVE	12.14	12.35	2.8
UKIAH-HILGARD	45.76	45.92	2.8
PLEASANT HILL FRONTAGE RD.	7.87	7.98	2.8
HALSEY-SWEET HOME	5.00E-02	9.00E-02	2.8
UKIAH-HILGARD	47.05	47.09	2.8
WESTON-ELGIN	40.08	40.25	2.8

CHILOQUIN	4.28	4.36	2.8
JACKSONVILLE	19.05	19.39	2.8
VALE-WEST	8.66	9.65	2.8
PAULINA	54.89	55.63	2.8
COVE	13.01	13.08	2.8
HOOD RIVER	15.67	16.6	2.8
LEXINGTON-ECHO	35.99	36.21	2.8
SAMS VALLEY	11.22	12.61	2.8
HALSEY-SWEET HOME	16.82	17.02	2.8
HOOD RIVER	16.6	16.61	2.8
HALSEY-SWEET HOME	1.14E-13	5.00E-02	2.8
WESTON-ELGIN	39.81	40.08	2.8
ALBANY-LYONS	24.84	25.08	2.8
OLDS FERRY-ONTARIO	19.7	19.99	2.8
JACKSONVILLE	25.61	25.62	2.8
SUCCOR CREEK	12.51	12.87	2.8
HALSEY-SWEET HOME	17.5	17.8	2.8
PARMA SPUR	13.07	13.81	2.8
TERRITORIAL	17.58	18.07	2.8
KIMBERLY-LONG CREEK	13.24	13.3	2.8
COVE	13.21	13.27	2.8
HOOD RIVER	18.85	18.96	2.8
ALBANY-LYONS	9.55	9.61	2.8
HALSEY-SWEET HOME	17.14	17.2	2.8
ODELL	2.11	2.16	2.8
LITTLE SHEEP CREEK	28.12	29.36	2.8
KINGS VALLEY	23.02	23.09	2.8
KIMBERLY-LONG CREEK	12.8	13.13	2.8
HALSEY-SWEET HOME	6.23	6.25	2.8
HUNTINGTON	5.31	5.48	2.8
SPRINGFIELD-CRESWELL	6.6	7.87	2.8
COVE	12.85	12.92	2.8
SAMS VALLEY	16.44	17.2	2.8
HALSEY-SWEET HOME	17.2	17.5	2.8
ALBANY-LYONS	24.76	24.84	2.8
COVE	12.35	12.71	2.8
HUNTINGTON	5.89	6.02	2.8
JACKSONVILLE	25.62	25.71	2.8
PAULINA	55.63	55.69	2.8
LEXINGTON-ECHO	35.84	35.99	2.8
SAMS VALLEY	17.2	17.41	2.8
WARNER	28.18	28.26	2.8
JEFFERSON	4.39	4.6	2.8
HALSEY-SWEET HOME	0.21	0.26	2.8
JACKSONVILLE	6.44	6.55	2.8
SILVER CREEK FALLS	30.7	31.11	2.8
HALSEY-SWEET HOME	5.77	5.98	2.8
OLDS FERRY-ONTARIO	19.65	19.7	2.8
SUCCOR CREEK	12.18	12.51	2.8
UKIAH-HILGARD	46.92	46.99	2.8
OLDS FERRY-ONTARIO	18.57	19.07	2.8
ODELL	1.22	1.29	2.8
TERRITORIAL	1.14E-13	8.00E-02	2.8
HALSEY-SWEET HOME	17.02	17.08	2.8
ALBANY-LYONS	24.56	24.63	2.8
SILVER CREEK FALLS	30.06	30.7	2.8
COVE	11.27	12.14	2.8
ALBANY-LYONS	25.16	25.2	2.8
MAPLETON-JUNCTION CITY	44.51	45.86	2.8
JACKSONVILLE	24.84	25.61	2.8
HALSEY-SWEET HOME	6.16	6.23	2.8
OLDS FERRY-ONTARIO	19.99	20.3	2.8
ATHENA-HOLDMAN	16.51	17.01	2.8
CULVER	9.32	10.83	2.8
SUCCOR CREEK	11.21	11.78	2.8
KIMBERLY-LONG CREEK	13.13	13.19	2.8
JACKSONVILLE	6.55	6.63	2.8
TERRITORIAL	24.13	24.24	2.8
MAPLETON-JUNCTION CITY	46.08	46.55	2.8
JACKSONVILLE	26	26.67	2.8
HALSEY-SWEET HOME	9.00E-02	0.15	2.8
MAPLETON-JUNCTION CITY	29.14	29.36	2.8
SAMS VALLEY	17.41	17.48	2.8
ALBANY-LYONS	25.08	25.16	2.8
ODELL	1.82	2.05	2.8
TERRITORIAL	8.00E-02	1.32	2.8
KIMBERLY-LONG CREEK	13.19	13.24	2.8

COVE	13.72	13.96	2.8
UKIAH-HILGARD	46.99	47.22	2.8
WASCO-HEPPNER	83.2	84.03	2.8
HALSEY-SWEET HOME	1.47	1.57	2.8
WASCO-HEPPNER	40.43	40.48	2.8
VALE-WEST	9.87	10.16	2.8
HALSEY-SWEET HOME	1.14	1.47	2.8
ALBANY-LYONS	24.49	24.52	2.8
ODELL	1.49	1.82	2.8
SAMS VALLEY	10.68	11.22	2.8
ELKTON-SUTHERLIN	9.00E-02	0.19	2.8
HOOD RIVER	17.16	17.28	2.8
GOSHEN-DIVIDE	0.99	2.13	2.8
STEENS	0.33	0.41	2.8
UKIAH-HILGARD	45.92	46.55	2.8
COVE	13.27	13.34	2.8
OLDS FERRY-ONTARIO	19.26	19.38	2.8
ALSEA-DEADWOOD	0.57	0.95	2.8
MAPLETON-JUNCTION CITY	29.36	29.65	2.8
STEENS	28.28	33.17	2.8
HALSEY-SWEET HOME	17.8	18.84	2.8
UKIAH-HILGARD	46.67	46.79	2.8
OLDS FERRY-ONTARIO	19.07	19.26	2.8
SAMS VALLEY	10.16	10.64	2.8
TERRITORIAL	17.11	17.58	2.8
KIMBERLY-LONG CREEK	14.36	14.42	2.8
WASCO-HEPPNER	41.23	41.28	2.8
HALSEY-SWEET HOME	0.15	0.21	2.8
PARMA SPUR	12.6	12.85	2.8
ODELL	2.72	2.86	2.8
JACKSONVILLE	19.39	22.42	2.8
JACKSONVILLE	7.17	7.22	2.8
COVE	13.96	14.48	2.8
HALFWAY-CORNUCOPIA	8.98	10.93	2.8
HUNTINGTON	6.05	6.11	2.8
POWERS	17.84	17.94	2.8
SUCCOR CREEK	0.66	1.33	2.8
UKIAH-HILGARD	1.67	2.23	2.8
KINGS VALLEY	23.56	24.35	2.8
MEDICAL SPRINGS	0.54	1.88	2.8
JACKSONVILLE	6.81	7.17	2.8
COVE	12.92	13.01	2.8
OLDS FERRY-ONTARIO	19.38	19.51	2.8
ALBANY-LYONS	23.65	24.23	2.8
ATHENA-HOLDMAN	17.01	17.09	2.8
UKIAH-HILGARD	46.98	47.05	2.8
KINGS VALLEY	21.57	23.02	2.8
WASCO-HEPPNER	39.08	40.3	2.8
SPRINGFIELD-CRESWELL	7.87	7.97	2.8
FRENCHGLEN	53.12	58.29	2.8
ALBANY-LYONS	9.34	9.55	2.8
UKIAH-HILGARD	46.9	46.92	2.8
SHANIKO-FOSSIL	42.95	42.98	2.8
VALE-WEST	9.65	9.87	2.8
FRENCHGLEN	58.29	58.33	2.8
HALSEY-SWEET HOME	5.98	6.16	2.8
JEFFERSON	3.63	4.39	2.8
HUNTINGTON	6.28	9.5	2.8
SUCCOR CREEK	0.5	0.66	2.8
HALSEY-SWEET HOME	16.74	16.82	2.8
WASCO-HEPPNER	41.17	41.23	2.8
MAPLETON-JUNCTION CITY	45.95	46.08	2.8
MEDICAL SPRINGS	0.25	0.49	2.8
WEISER SPUR	12.29	12.55	2.8
HILGARD JCT. CONN. NO. 1	46.99	47.02	2.8
ODELL	1.29	1.49	2.8
WARNER	28.35	30.67	2.8
HOOD RIVER	16.96	17.16	2.8
HALSEY-SWEET HOME	1.57	2.34	2.8
SHANIKO-FOSSIL	42.3	42.94	2.8
JACKSONVILLE	6.4	6.44	2.8
ALBANY-LYONS	9.96	10.73	2.8
ODELL	2.86	3.04	2.8
STEENS	0.41	0.52	2.8
ELKTON-SUTHERLIN	2.00E-02	9.00E-02	2.8
UKIAH-HILGARD	46.79	46.9	2.8
SUCCOR CREEK	10.74	11.21	2.8

HOOD RIVER	18.96	19.04	2.8
KINGS VALLEY	23.09	23.56	2.8
HALSEY-SWEET HOME	17.08	17.14	2.8
JACKSONVILLE	25.89	26	2.8
WARNER	28.03	28.18	2.8
TERRITORIAL	24.24	24.31	2.8
SAMS VALLEY	10.64	10.68	2.8
UKIAH-HILGARD	47.09	47.32	2.8
KINGS VALLEY	19.65	21.06	2.8
PARMA SPUR	12.52	12.6	2.8
ALBANY-LYONS	24.63	24.7	2.8
COVE	13.08	13.14	2.8
FRENCHGLEN	58.33	58.8	2.8
ODELL	3.04	3.29	2.8
HUNTINGTON	6.27	6.28	2.8
JACKSONVILLE	24.4	24.6	2.8
ALSEA-DEADWOOD	1.14E-13	0.57	2.8
HALSEY-SWEET HOME	16.11	16.74	2.8
MAPLETON-JUNCTION CITY	30.48	30.6	2.8
SPRINGFIELD-CRESWELL	7.97	7.99	2.8
HALSEY-SWEET HOME	0.26	1.14	2.8
HUNTINGTON	6.02	6.05	2.8
JACKSONVILLE	6.06	6.4	2.8
CHILOQUIN SPUR	4.39	4.43	2.8
HILGARD JCT. CONN. NO. 2	47.05	47.08	2.8
ODELL	3.29	3.42	2.8
SHANIKO-FOSSIL	42.94	42.95	2.8
HAVANA-HELIX	1.14E-13	3.00E-02	2.8
HOOD RIVER	18.35	18.85	2.8
LEXINGTON-ECHO	35.09	35.22	2.8
HAVANA-HELIX	3.00E-02	2.4	2.8
VALE-WEST	10.16	10.22	2.8
UKIAH-HILGARD	44.16	45.76	2.8
UKIAH-HILGARD	46.92	46.98	2.8
WASCO-HEPPNER	41.28	42.5	2.8
JACKSONVILLE	25.71	25.78	2.8
SILVER CREEK FALLS	32.26	33.63	2.8
WARNER	28.26	28.35	2.8
PAULINA	55.69	55.91	2.8
ALBANY-LYONS	24.46	24.49	2.8
COVE	12.71	12.85	2.8
ODELL	2.05	2.11	2.8
LEXINGTON-ECHO	35.06	35.09	2.8
SAMS VALLEY	9.84	10.16	2.8
HALSEY-SWEET HOME	5.32	5.77	2.8
PAULINA	54.12	54.89	2.8
ALBANY-LYONS	24.7	24.76	2.8
HALSEY-SWEET HOME	4.69	5.32	2.8
CHILOQUIN	4.36	4.39	2.8
HUNTINGTON	5.48	5.6	2.8
FRENCHGLEN	58.8	61.31	2.8
ALBANY-LYONS	24.52	24.56	2.8
WASCO-HEPPNER	40.3	40.43	2.8
SILVER CREEK FALLS	31.73	32.26	2.8
HOOD RIVER	17.28	18.35	2.8
ATHENA-HOLDMAN	17.69	17.71	2.8
ELKTON-SUTHERLIN	0.19	0.63	2.8
UKIAH-HILGARD	46.55	46.67	2.8
HALSEY-SWEET HOME	6.25	6.46	2.8
KINGS VALLEY	19.63	19.65	2.8
PARMA SPUR	12.51	12.52	2.8
ALBANY-LYONS	25.2	25.3	2.8
MAPLETON-JUNCTION CITY	45.93	45.95	2.8
WARNER	24.51	28.03	2.8
JOHN DAY	175.52	175.58	2.63
WALLOWA LAKE	65.47	65.5	2.63
LAKESIDE FRONTAGE RD.	222.73	222.95	2.63
WALLOWA LAKE	65.37	65.38	2.63
WALLOWA LAKE	65.38	65.45	2.63
OREGON COAST	56.12	56.2	2.63
CENTRAL OREGON	131.86	131.92	2.63
WALLOWA LAKE	65.56	65.74	2.63
JOHN DAY	161.88	162.05	2.63
OLD EMIGRANT HILL FR. NO.1	234.91	235.11	2.63
SUNNY VALLEY CONN. NO. 3	71.33	71.45	2.63
MCKENZIE	92.29	92.38	2.63
E CASCADE LOCKS CONN. NO.1	44.5	44.89	2.63

WALLOWA LAKE	65.45	65.47	2.63
JOHN DAY	175.44	175.52	2.63
WEAVER RD. CONN. NO. 2	106.66	106.75	2.63
WALLOWA LAKE	64.57	64.64	2.63
OREGON COAST	55.14	55.2	2.63
WALLOWA LAKE	64.64	64.7	2.63
CAYUSE-ADAMS FRONTAGE RD.	11.9	12.03	2.63
WALLOWA LAKE	64.49	64.57	2.63
CAYUSE-ADAMS FRONTAGE RD.	12.03	12.2	2.63
WALLOWA LAKE	71.07	71.1	2.63
OREGON COAST	55.22	55.29	2.63
MAIN STREET FRONTAGE ROAD	99.79	99.82	2.63
WEAVER RD. CONN. NO. 2	106.64	106.66	2.63
CENTRAL OREGON	131.81	131.86	2.63
WALLOWA LAKE	65.5	65.56	2.63
WALLOWA LAKE	64.76	64.83	2.63
WALLOWA LAKE	64.83	64.84	2.63
JOHN DAY	162.05	162.13	2.63
OREGON COAST	55.2	55.22	2.63
SHERMAN	27.78	27.85	2.63
NEHALEM	88.66	88.69	2.63
PENDLETON-JOHN DAY	15.65	15.68	2.63
WOODBURN-ESTACADA	7.59	8.09	2.63
PACIFIC HIGHWAY WEST	41.61	41.76	2.63
FREMONT	143.21	143.27	2.63
HISTORIC COLUMBIA RIVER	31.23	31.28	2.63
WILSON RIVER	23.57	23.58	2.63
KLAMATH FALLS-LAKEVIEW	53.63	53.68	2.63
FREMONT	143.55	143.67	2.63
UMPQUA	50.4	50.44	2.63
UMPQUA	50.35	50.4	2.63
JOHN DAY-BURNS	1.94	2	2.63
KLAMATH FALLS-MALIN	14.37	14.46	2.63
SHERMAN	27.85	27.93	2.63
ALSEA	2.28	2.33	2.63
KLAMATH FALLS-MALIN	14.28	14.36	2.63
PACIFIC HIGHWAY WEST	58.06	58.09	2.63
WILSON RIVER	23.58	23.68	2.63
ALSEA	2.23	2.28	2.63
FREMONT	143.76	143.81	2.63
CASCADE HWY SOUTH	12.59	12.99	2.63
ALSEA	1.99	2	2.63
KLAMATH FALLS-MALIN	13.73	13.78	2.63
HISTORIC COLUMBIA RIVER	30.43	30.46	2.63
HISTORIC COLUMBIA RIVER	30.64	30.68	2.63
KLAMATH FALLS-MALIN	13.63	13.65	2.63
PACIFIC HIGHWAY WEST	57.99	58.06	2.63
PACIFIC HIGHWAY WEST	58.09	59.04	2.63
HISTORIC COLUMBIA RIVER	31.02	31.09	2.63
UMPQUA	50.25	50.29	2.63
CASCADE HWY SOUTH	13.58	13.61	2.63
PENDLETON-JOHN DAY	16	16.02	2.63
UMPQUA	36.21	36.27	2.63
HISTORIC COLUMBIA RIVER	30.57	30.64	2.63
KLAMATH FALLS-LAKEVIEW	53.89	53.96	2.63
NEHALEM	62.48	62.49	2.63
PACIFIC HIGHWAY WEST	41.76	41.95	2.63
KLAMATH FALLS-MALIN	13.78	13.85	2.63
UMPQUA	36.17	36.21	2.63
HISTORIC COLUMBIA RIVER	30.81	30.95	2.63
NEHALEM	62.6	62.66	2.63
FREMONT	143.3	143.38	2.63
FREMONT	143.03	143.11	2.63
UMPQUA	50.44	50.49	2.63
TUALATIN VALLEY	31.54	32.53	2.63
CASCADE HWY SOUTH	8.14	9.12	2.63
ALSEA	1.82	1.93	2.63
NEHALEM	62.49	62.52	2.63
CASCADE HWY SOUTH	9.93	10.2	2.63
FREMONT	143.38	143.55	2.63
S. CEDAR ST. CONN. NO. 1	50.24	50.27	2.63
NEHALEM	62.72	62.77	2.63
WOODBURN-ESTACADA	6.59	7.59	2.63
CASCADE HWY SOUTH	9.16	9.93	2.63
KLAMATH FALLS-MALIN	14.04	14.1	2.63
KLAMATH FALLS-LAKEVIEW	53.87	53.89	2.63
FREMONT	143.88	143.96	2.63

NETARTS	2.16	2.22	2.63
UMPQUA	36.09	36.17	2.63
CASCADE HWY SOUTH	12.35	12.36	2.63
NEHALEM	62.42	62.48	2.63
KLAMATH FALLS-MALIN	14.24	14.28	2.63
JOHN DAY-BURNS	0.13	0.18	2.63
KLAMATH FALLS-LAKEVIEW	53.77	53.87	2.63
NEHALEM	62.54	62.56	2.63
S. CEDAR ST. CONN. NO. 2	50.23	50.25	2.63
HISTORIC COLUMBIA RIVER	30.68	30.81	2.63
NEHALEM	62.52	62.54	2.63
KLAMATH FALLS-MALIN	14.16	14.24	2.63
RICKREALL FRONTAGE RD.	57.94	57.98	2.63
CASCADE HWY SOUTH	8.11	8.14	2.63
SHERMAN	27.66	27.78	2.63
PACIFIC HIGHWAY WEST	42.1	42.96	2.63
CASCADE HWY SOUTH	11.96	12.33	2.63
KLAMATH FALLS-LAKEVIEW	96.05	96.11	2.63
WHITESON RD. CONN.	41.98	42	2.63
SALEM-DAYTON	14.98	15.8	2.63
PACIFIC HIGHWAY WEST	57.81	57.99	2.63
UMPQUA	50.24	50.25	2.63
FREMONT	143.96	144.04	2.63
SWEDETOWN RD. CONN. NO. 3	60.98	61.09	2.63
SALEM-DAYTON	14.93	14.98	2.63
KLAMATH FALLS-MALIN	14.1	14.16	2.63
FREMONT	143.27	143.3	2.63
UMPQUA	50.29	50.35	2.63
CASCADE HWY SOUTH	13.02	13.04	2.63
FREMONT	143.81	143.88	2.63
KLAMATH FALLS-LAKEVIEW	96.11	96.15	2.63
CASCADE HWY SOUTH	12.33	12.35	2.63
KLAMATH FALLS-LAKEVIEW	95.88	95.98	2.63
SALEM-DAYTON	14.13	14.93	2.63
UMPQUA	36.27	36.32	2.63
ALSEA	2	2.09	2.63
CASCADE HWY SOUTH	9.14	9.16	2.63
ALSEA	1.93	1.99	2.63
KLAMATH FALLS-MALIN	13.91	13.99	2.63
CASCADE HWY SOUTH	9.12	9.14	2.63
SHERMAN	27.54	27.6	2.63
KLAMATH FALLS-MALIN	13.65	13.73	2.63
HISTORIC COLUMBIA RIVER	30.95	31.02	2.63
TUALATIN VALLEY	31.36	31.54	2.63
NEHALEM	76.59	76.87	2.63
UMPQUA	50.49	50.54	2.63
KLAMATH FALLS-LAKEVIEW	53.68	53.77	2.63
NEHALEM	62.77	63.04	2.63
ALSEA	0.61	1.4	2.63
KLAMATH FALLS-MALIN	13.85	13.91	2.63
CASCADE HWY SOUTH	12.36	12.59	2.63
HISTORIC COLUMBIA RIVER	31.09	31.18	2.63
NEHALEM	62.66	62.72	2.63
NEHALEM	76.72	76.76	2.63
HISTORIC COLUMBIA RIVER	31.28	31.39	2.63
WILSON RIVER	23.68	23.73	2.63
ALSEA	2.18	2.23	2.63
KLAMATH FALLS-LAKEVIEW	95.83	95.88	2.63
SHERMAN	27.6	27.66	2.63
CASCADE HWY SOUTH	13.61	13.75	2.63
KLAMATH FALLS-MALIN	13.99	14.04	2.63
FREMONT	143.11	143.21	2.63
TUALATIN VALLEY	31.33	31.36	2.63
NEHALEM	62.36	62.42	2.63
CASCADE HWY SOUTH	13.04	13.58	2.63
NETARTS	1.32	2.16	2.63
CASCADE HWY SOUTH	7.99	8.11	2.63
KLAMATH FALLS-LAKEVIEW	95.98	96.05	2.63
HISTORIC COLUMBIA RIVER	31.18	31.23	2.63
KLAMATH FALLS-LAKEVIEW	96.29	96.37	2.63
NEHALEM	62.56	62.6	2.63
ALSEA	2.09	2.18	2.63
SHERMAN	18.36	18.43	2.63
KLAMATH FALLS-MALIN	14.36	14.37	2.63
WHITESON RD. CONN.	41.95	41.98	2.63
CASCADE HWY SOUTH	7.98	7.99	2.63
TUALATIN VALLEY	31.04	31.33	2.63

CASCADE HWY SOUTH	12.99	13.02	2.63
CASCADE HWY SOUTH	7.93	7.96	2.63
HISTORIC COLUMBIA RIVER	30.46	30.57	2.63
PACIFIC HIGHWAY WEST	41.95	42.1	2.63
FREMONT	143.67	143.76	2.63
CASCADE HWY SOUTH	7.96	7.98	2.63
KLAMATH FALLS-LAKEVIEW	96.15	96.29	2.63
SHERMAN	27.93	28	2.63
JOSEPH-WALLOWA LAKE	0.77	0.82	2.63
CLACKAMAS	16.03	16.1	2.63
I.O.N.	20.33	20.4	2.63
COQUILLE-BANDON	5.00E-02	0.17	2.63
I.O.N.	20	20.02	2.63
JOSEPH-WALLOWA LAKE	0.6	0.69	2.63
CLACKAMAS	14.61	14.95	2.63
I.O.N.	20.4	20.44	2.63
CLACKAMAS	18.88	18.95	2.63
EAGLE CREEK-SANDY	1.93	2.2	2.63
COQUILLE-BANDON	2.00E-02	5.00E-02	2.63
JOSEPH-WALLOWA LAKE	0.53	0.6	2.63
SUMPTER	0.87	1.02	2.63
I.O.N.	20.1	20.22	2.63
JOSEPH-WALLOWA LAKE	0.41	0.47	2.63
ALBANY-LYONS	25.54	25.56	2.63
EAGLE CREEK-SANDY	4.26	4.77	2.63
JOSEPH-WALLOWA LAKE	0.27	0.33	2.63
EAGLE CREEK-SANDY	3.14	3.7	2.63
CLACKAMAS	16.27	16.53	2.63
CLACKAMAS	15.22	15.53	2.63
JOSEPH-WALLOWA LAKE	0.69	0.7	2.63
SHAW-AUMSVILLE CONN. NO. 5	9.08	9.09	2.63
I.O.N.	20.47	20.59	2.63
I.O.N.	20.22	20.33	2.63
EAGLE CREEK-SANDY	3.7	3.95	2.63
CLACKAMAS	17.23	17.3	2.63
CLACKAMAS	15.8	16.03	2.63
CLACKAMAS	15.53	15.67	2.63
JOSEPH-WALLOWA LAKE	0.33	0.41	2.63
I.O.N.	20.44	20.47	2.63
EAGLE CREEK-SANDY	2.79	3.14	2.63
EAGLE CREEK-SANDY	1.56	1.93	2.63
JOSEPH-WALLOWA LAKE	0.7	0.77	2.63
CLACKAMAS	16.53	16.66	2.63
CLACKAMAS	14.95	15.22	2.63
CLACKAMAS	16.1	16.27	2.63
CLACKAMAS	16.76	17.23	2.63
JOSEPH-WALLOWA LAKE	0.82	0.84	2.63
EAGLE CREEK-SANDY	1.55	1.56	2.63
CLACKAMAS	15.67	15.8	2.63
ALBANY-LYONS	25.64	25.67	2.63
EAGLE CREEK-SANDY	1.21	1.55	2.63
I.O.N.	20.02	20.1	2.63
CLACKAMAS	16.66	16.76	2.63
EAGLE CREEK-SANDY	1.18	1.21	2.63
JOSEPH-WALLOWA LAKE	0.47	0.53	2.63
W. PLEASANT HILL FRONT. RD	5.33	5.63	2.62
THE DALLES-CALIFORNIA	45.77	45.96	2.62
E. WOODLANDS DR. FRONT. RD	42.68	42.81	2.62
HISTORIC COLUMBIA RIVER	55.1	56.91	2.62
SE SANDERCOOK FRONTAGE RD.	27.68	27.74	2.62
LEXINGTON-ECHO	35.22	35.41	2.62
OREGON COAST	51.01	51.14	2.46
OREGON COAST	164.06	164.12	2.46
SUNSET BLVD. CONN. NO. 4	29.7	29.84	2.46
OREGON COAST	47.2	47.34	2.46
OREGON COAST	164.31	164.37	2.46
OREGON COAST	50.82	50.9	2.46
WALLOWA LAKE	55.05	55.14	2.46
WARREN O'XING CONN. NO. 2	31.05	31.07	2.46
OREGON COAST	164.46	164.64	2.46
OREGON COAST	164.12	164.16	2.46
OREGON COAST	47.39	47.44	2.46
OREGON COAST	50.9	51.01	2.46
SUNSET BLVD. CONN. NO. 4	29.69	29.7	2.46
OREGON COAST	50.78	50.82	2.46
JOHN DAY	153.93	153.97	2.46
OREGON COAST	164.26	164.31	2.46

WALLOWA LAKE	54.73	54.89	2.46
WALLOWA LAKE	54.89	54.98	2.46
OREGON COAST	164.37	164.44	2.46
OREGON COAST	51.14	51.26	2.46
JOHN DAY	154.1	154.17	2.46
JOHN DAY	154.07	154.09	2.46
OREGON COAST	164.19	164.26	2.46
OREGON COAST	84.94	85.05	2.46
OREGON COAST	164.16	164.19	2.46
OREGON COAST	164.44	164.46	2.46
WALLOWA LAKE	54.98	55.05	2.46
OREGON COAST	164	164.06	2.46
JOHN DAY	154.09	154.1	2.46
OREGON COAST	47.34	47.39	2.46
OREGON COAST	50.73	50.78	2.46
THREE RIVERS	1.14E-13	0.27	2.46
SUNNY VALLEY FRONT. RD. #1	70.17	72.05	2.45
SEXTON MTN. FRONTAGE RD.	66.51	70.25	2.45
BOX CANYON FRONTAGE RD.	45.05	45.35	2.45
THREE RIVERS	0.27	0.31	2.45
MOSIER INTCHGE. CONN. NO.1	69.88	70	2.17
CENTRAL OREGON	266.06	266.12	2.17
ENTERPRISE-LEWISTON	42.83	42.88	2.17
CANYONVILLE CONN. NO. 1	98.28	98.31	2.17
CENTRAL OREGON	265.97	265.99	2.17
CENTRAL OREGON	266.18	266.25	2.17
CLARKS BRANCH CONN. NO. 2	113.38	113.41	2.17
N CANYONVILLE FRONTAGE RD	99.21	99.34	2.17
ENTERPRISE-LEWISTON	43.07	43.13	2.17
MCKINNEY BUTTE CONN. NO. 1	99.91	99.95	2.17
CENTRAL OREGON	265.91	265.97	2.17
MCKINNEY BUTTE CONN. NO. 1	99.94	99.942	2.17
CANYONVILLE CONN. NO. 3	98.96	99.01	2.17
ENTERPRISE-LEWISTON	42.88	42.94	2.17
CENTRAL OREGON	265.83	265.91	2.17
CENTRAL OREGON	266.12	266.18	2.17
ENTERPRISE-LEWISTON	42.94	43.01	2.17
CENTRAL OREGON	265.99	266.06	2.17
CLARKS BRANCH CONN. NO. 2	113.49	113.51	2.17
CANYONVILLE CONN. NO. 3	99.01	99.15	2.17
ENTERPRISE-LEWISTON	43.01	43.07	2.17
CANYONVILLE CONN. NO. 3	99.15	99.19	2.17
TUALATIN VALLEY	34.47	34.52	2.17
LA GRANDE-BAKER	40.66	40.69	2.17
TUALATIN VALLEY	37.64	37.72	2.17
YAMHILL-NEWBERG	0.14	0.22	2.17
TUALATIN VALLEY	25.52	25.58	2.17
TUALATIN VALLEY	34.17	34.2	2.17
HISTORIC COLUMBIA RIVER	57.58	57.63	2.17
DAIRY-BONANZA	6.87	6.9	2.17
TUALATIN VALLEY	34.2	34.27	2.17
TUALATIN VALLEY	38.1	38.14	2.17
PACIFIC HIGHWAY WEST	44.7	44.75	2.17
DAIRY-BONANZA	6.8	6.82	2.17
DAIRY-BONANZA	6.72	6.8	2.17
TUALATIN VALLEY	37.96	37.99	2.17
TUALATIN VALLEY	37.92	37.96	2.17
TUALATIN VALLEY	25.45	25.52	2.17
DAIRY-BONANZA	6.54	6.6	2.17
TUALATIN VALLEY	37.72	37.79	2.17
E. GOVERNMENT CAMP FRONT.	53.55	53.59	2.17
BELLEVUE-HOPEWELL	6.36	6.42	2.17
TUALATIN VALLEY	38.14	38.2	2.17
HILLSBORO-SILVERTON	46.07	46.12	2.17
TUALATIN VALLEY	37.87	37.92	2.17
PACIFIC HIGHWAY WEST	44.75	44.8	2.17
PACIFIC HIGHWAY WEST	44.55	44.61	2.17
LA GRANDE-BAKER	16.08	16.13	2.17
TUALATIN VALLEY	37.79	37.8	2.17
E. GOVERNMENT CAMP FRONT.	53.67	53.71	2.17
DAIRY-BONANZA	6.82	6.87	2.17
LA GRANDE-BAKER	31.99	32.02	2.17
LA GRANDE-BAKER	32.32	32.35	2.17
YAMHILL-NEWBERG	1.14E-13	4.00E-02	2.17
HISTORIC COLUMBIA RIVER	57.63	57.69	2.17
HILLSBORO-SILVERTON	45.97	45.98	2.17
DAIRY-BONANZA	6.65	6.72	2.17

LA GRANDE-BAKER	16.18	16.23	2.17
TUALATIN VALLEY	25.72	25.73	2.17
TUALATIN VALLEY	34.52	34.57	2.17
LA GRANDE-BAKER	40.59	40.66	2.17
TUALATIN VALLEY	37.58	37.64	2.17
PACIFIC HIGHWAY WEST	44.46	44.55	2.17
DAIRY-BONANZA	6.9	6.97	2.17
BELLEVUE-HOPEWELL	6.03	6.11	2.17
LA GRANDE-BAKER	32.02	32.09	2.17
E. GOVERNMENT CAMP FRONT.	53.91	54.05	2.17
LA GRANDE-BAKER	16.71	16.76	2.17
TUALATIN VALLEY	34.27	34.3	2.17
E. GOVERNMENT CAMP FRONT.	53.5	53.55	2.17
HILLSBORO-SILVERTON	45.9	45.97	2.17
PACIFIC HIGHWAY WEST	44.26	44.39	2.17
BELLEVUE-HOPEWELL	6.42	6.49	2.17
LA GRANDE-BAKER	16.46	16.51	2.17
LA GRANDE-BAKER	16.66	16.71	2.17
DAIRY-BONANZA	6.6	6.65	2.17
PACIFIC HIGHWAY WEST	44.61	44.62	2.17
MIST-CLATSKANIE	0.34	0.37	2.17
TUALATIN VALLEY	25.58	25.69	2.17
LA GRANDE-BAKER	16.13	16.18	2.17
TUALATIN VALLEY	38.05	38.1	2.17
LA GRANDE-BAKER	16.51	16.56	2.17
BELLEVUE-HOPEWELL	6.49	6.55	2.17
TUALATIN VALLEY	25.37	25.38	2.17
HISTORIC COLUMBIA RIVER	57.57	57.58	2.17
LA GRANDE-BAKER	40.69	40.73	2.17
TUALATIN VALLEY	25.69	25.72	2.17
TUALATIN VALLEY	34.3	34.41	2.17
TUALATIN VALLEY	25.38	25.45	2.17
PACIFIC HIGHWAY WEST	44.39	44.46	2.17
LA GRANDE-BAKER	16.23	16.28	2.17
LA GRANDE-BAKER	16.32	16.46	2.17
E. GOVERNMENT CAMP FRONT.	53.61	53.67	2.17
HILLSBORO-SILVERTON	46.13	46.17	2.17
BELLEVUE-HOPEWELL	6.3	6.36	2.17
TUALATIN VALLEY	37.99	38.05	2.17
HILLSBORO-SILVERTON	45.98	46.02	2.17
PACIFIC HIGHWAY WEST	44.66	44.68	2.17
TUALATIN VALLEY	25.33	25.37	2.17
HISTORIC COLUMBIA RIVER	57.49	57.57	2.17
LA GRANDE-BAKER	16.61	16.66	2.17
TUALATIN VALLEY	34.41	34.47	2.17
YAMHILL-NEWBERG	7.00E-02	0.14	2.17
LA GRANDE-BAKER	31.91	31.99	2.17
HILLSBORO-SILVERTON	46.12	46.13	2.17
LA GRANDE-BAKER	16.81	16.86	2.17
MIST-CLATSKANIE	0.22	0.34	2.17
E. GOVERNMENT CAMP FRONT.	53.59	53.61	2.17
TUALATIN VALLEY	34.57	34.62	2.17
HILLSBORO-SILVERTON	46.17	46.29	2.17
LA GRANDE-BAKER	16.28	16.32	2.17
PACIFIC HIGHWAY WEST	44.68	44.7	2.17
BELLEVUE-HOPEWELL	6.11	6.23	2.17
LA GRANDE-BAKER	16.56	16.61	2.17
YAMHILL-NEWBERG	4.00E-02	7.00E-02	2.17
LA GRANDE-BAKER	32.17	32.23	2.17
HILLSBORO-SILVERTON	46.06	46.07	2.17
YAMHILL-NEWBERG	0.22	0.36	2.17
E. GOVERNMENT CAMP FRONT.	52.94	53.03	2.17
DAIRY-BONANZA	6.47	6.48	2.17
HISTORIC COLUMBIA RIVER	57.69	57.74	2.17
PACIFIC HIGHWAY WEST	44.62	44.66	2.17
LA GRANDE-BAKER	32.09	32.17	2.17
E. GOVERNMENT CAMP FRONT.	53.71	53.91	2.17
DAIRY-BONANZA	6.48	6.54	2.17
LA GRANDE-BAKER	40.52	40.59	2.17
HILLSBORO-SILVERTON	46.02	46.06	2.17
TUALATIN VALLEY	37.8	37.87	2.17
LA GRANDE-BAKER	16.76	16.81	2.17
SILETZ	24.04	24.05	2.17
SUCCOR CREEK	2.00E-02	0.1	2.17
MEDICAL SPRINGS	5.00E-02	0.1	2.17
ATHENA-HOLDMAN	17.14	17.2	2.17
SILETZ	23.81	23.84	2.17

POWERS	18.9	18.91	2.17
CULVER	9.06	9.12	2.17
POWERS	18.58	18.65	2.17
WESTON-ELGIN	40.53	40.63	2.17
CULVER	8.92	8.98	2.17
SILETZ	23.84	23.93	2.17
STEENS	0.16	0.2	2.17
POWERS	18.72	18.79	2.17
POWERS	18.43	18.5	2.17
ATHENA-HOLDMAN	17.28	17.34	2.17
STEENS	0.11	0.16	2.17
SUCCOR CREEK	0.1	0.41	2.17
ATHENA-HOLDMAN	17.34	17.42	2.17
SILETZ	23.64	23.69	2.17
MEDICAL SPRINGS	1.14E-13	5.00E-02	2.17
ATHENA-HOLDMAN	17.42	17.49	2.17
KIMBERLY-LONG CREEK	34.63	34.74	2.17
ALBANY-LYONS	24.23	24.36	2.17
SILETZ	23.69	23.76	2.17
POWERS	18.53	18.58	2.17
LITTLE SHEEP CREEK	0.13	0.2	2.17
KIMBERLY-LONG CREEK	34.74	34.79	2.17
LITTLE SHEEP CREEK	6.00E-02	0.13	2.17
ATHENA-HOLDMAN	17.49	17.59	2.17
WESTON-ELGIN	40.63	40.68	2.17
CULVER	8.98	9.06	2.17
POWERS	18.88	18.9	2.17
KIMBERLY-LONG CREEK	34.79	34.84	2.17
SILETZ	23.76	23.79	2.17
POWERS	18.79	18.88	2.17
ATHENA-HOLDMAN	17.2	17.28	2.17
SILETZ	23.79	23.81	2.17
POWERS	18.65	18.72	2.17
WESTON-ELGIN	40.68	40.73	2.17
POWERS	18.36	18.43	2.17
SILETZ	23.94	24.04	2.17
POWERS	18.5	18.53	2.17
SILETZ	23.93	23.94	2.17
WEAVER RD. CONN. NO. 2	106.75	106.94	1.63
FOREST LANE CONN. NO. 1	46.45	46.46	1.63
BAKER-COPPERFIELD	70.56	70.8	1.63
OLD EMIGRANT HILL FR. NO.1	236.24	236.48	1.63
SANTIAM	3.48	4.72	1.63
JOHN DAY	50.96	51.01	1.63
THE DALLES-CALIFORNIA	37.76	37.77	1.63
BAKER-COPPERFIELD	53.55	54.18	1.63
ORDNANCE CONN. NO. 2	177.91	178.04	1.63
JOHN DAY	5.35	6.87	1.63
ENTERPRISE-LEWISTON	18.48	18.95	1.63
THE DALLES-CALIFORNIA	21.43	22.85	1.63
NELSON CONN. NO. 2	330.67	330.74	1.63
SANTIAM	8.5	8.53	1.63
THE DALLES-CALIFORNIA	42.43	42.9	1.63
BAKER-COPPERFIELD	20.29	20.79	1.63
JOHN DAY	6.87	7.18	1.63
JOHN DAY	4.8	5.15	1.63
SCHRIMPF FRONTAGE RD.	20.22	20.36	1.63
MYERS CREEK CONN. NO. 3	337.17	337.24	1.63
JOHN DAY	3.99	4	1.63
BAKER-COPPERFIELD	43.28	48.48	1.63
CROOKED RIVER	23.99	24.1	1.63
JOHN DAY	121.74	123.69	1.63
ENTERPRISE-LEWISTON	15.56	17.77	1.63
ENTERPRISE-LEWISTON	38.79	38.93	1.63
JOHN DAY	4.38	4.68	1.63
CROOKED RIVER	27.39	28.33	1.63
JOHN DAY	99.74	102.5	1.63
BAKER-COPPERFIELD	54.18	54.39	1.63
DILLARD HWY CONN. NO. 2	111.82	112.16	1.63
BAKER-COPPERFIELD	14.5	16.28	1.63
JOHN DAY	45.29	47.78	1.63
THE DALLES-CALIFORNIA	4.78	4.92	1.63
STANTON BLVD. CONN. NO. 3	371.35	371.56	1.63
JOHN DAY	7.18	7.6	1.63
BAKER-COPPERFIELD	43.07	43.26	1.63
JOHN DAY	95.39	95.4	1.63
ILLAHEE O'XING CONN.	247.15	247.22	1.63

ENTERPRISE-LEWISTON	24.8	25.27	1.63
FOREST LANE CONN. NO. 1	46.3	46.33	1.63
BAKER-COPPERFIELD	14.43	14.5	1.63
JOHN DAY	97.67	97.77	1.63
FIVE POINT CREEK FRONT. RD	253.16	253.49	1.63
THE DALLES-CALIFORNIA	11.03	11.35	1.63
THE DALLES-CALIFORNIA	28.07	31.69	1.63
CENTRAL OREGON	264.99	265.17	1.63
JOHN DAY	4.68	4.69	1.63
THE DALLES-CALIFORNIA	8.62	9.46	1.63
TOWER RD. CONN. NO. 2	159.35	159.45	1.63
BAKER-COPPERFIELD	39.87	40.41	1.63
JOHN DAY	81.06	83.38	1.63
THE DALLES-CALIFORNIA	2.08	3.05	1.63
THE DALLES-CALIFORNIA	22.85	23	1.63
JOHN DAY	55.46	57.33	1.63
COLUMBIA RIVER	193.24	193.33	1.63
THE DALLES-CALIFORNIA	57.73	62.19	1.63
OLD EMIGRANT HILL FR. NO.1	240.28	240.38	1.63
ENTERPRISE-LEWISTON	18.95	19.55	1.63
JOHN DAY	7.6	7.96	1.63
CENTRAL OREGON	266.65	266.7	1.63
JOHN DAY	62.55	62.6	1.63
BAKER-COPPERFIELD	42.22	42.4	1.63
THE DALLES-CALIFORNIA	62.19	64.08	1.63
ENTERPRISE-LEWISTON	28.47	29.48	1.63
THE DALLES-CALIFORNIA	42.31	42.34	1.63
BAKER-COPPERFIELD	40.55	41.06	1.63
JOHN DAY	95.51	95.56	1.63
BAKER-COPPERFIELD	48.48	51.87	1.63
ENTERPRISE-LEWISTON	37.26	38.79	1.63
CROOKED RIVER	40.36	40.37	1.63
BENSON FRONTAGE RD. NO. 3	353.49	353.57	1.63
ENTERPRISE-LEWISTON	8.96	9.21	1.63
COUNTY RD. CONN.	22.85	23	1.63
SANTIAM	6	6.46	1.63
CROOKED RIVER	37.87	38.94	1.63
THE DALLES-CALIFORNIA	4.37	4.78	1.63
W MEACHAM FRONTAGE RD.	237.96	238.15	1.63
JOHN DAY	1.64	1.86	1.63
CENTRAL OREGON	264.66	264.99	1.63
BAKER-COPPERFIELD	53.18	53.55	1.63
JOHN DAY	1.86	1.93	1.63
BIGGS-RUFUS FRONTAGE RD.	104.76	107	1.63
BAKER-COPPERFIELD	16.47	17.24	1.63
JOHN DAY	43.98	44.51	1.63
ENTERPRISE-LEWISTON	9.21	9.36	1.63
COLUMBIA RIVER	191.34	191.38	1.63
JOHN DAY	105.9	105.94	1.63
ENTERPRISE-LEWISTON	33.76	35.8	1.63
BAKER-COPPERFIELD	4.81	6.3	1.63
THE DALLES-CALIFORNIA	57.18	57.73	1.63
KAMELA CONN. NO. 2	243.73	243.9	1.63
JOHN DAY	107.5	108.02	1.63
JOHN DAY	50.15	50.25	1.63
JOHN DAY	43.61	43.63	1.63
WYETH INTCHG. CONN. NO. 2	50.97	51.01	1.63
BAKER-COPPERFIELD	68.52	70.48	1.63
JOHN DAY	2.09	3.99	1.63
SANTIAM	11.39	11.46	1.63
BAKER-COPPERFIELD	39.76	39.87	1.63
ENTERPRISE-LEWISTON	5.69	5.73	1.63
JOHN DAY	117.29	117.35	1.63
ENTERPRISE-LEWISTON	24.48	24.74	1.63
THE DALLES-CALIFORNIA	40.32	42.31	1.63
BAKER-COPPERFIELD	17.81	18.1	1.63
METZ HILL CONN. NO. 2	142.13	142.21	1.63
JOHN DAY	105.44	105.66	1.63
JOHN DAY	114.15	117.29	1.63
BARNHART CONN. NO. 2	202.8	202.94	1.63
JOHN DAY	19.4	19.85	1.63
BAKER-COPPERFIELD	38.04	38.12	1.63
SANTIAM	9.85	10.9	1.63
CROOKED RIVER	23	23.11	1.63
CENTRAL OREGON	261.68	262.67	1.63
COLUMBIA RIVER	193.18	193.24	1.63
JOHN DAY	49.41	50.11	1.63

BAKER-COPPERFIELD	39.03	39.76	1.63
CROOKED RIVER	2.48	6.47	1.63
JOHN DAY	1.55	1.64	1.63
ENTERPRISE-LEWISTON	20.51	20.82	1.63
JOHN DAY	118.2	118.65	1.63
ENTERPRISE-LEWISTON	6.37	8.43	1.63
THE DALLES-CALIFORNIA	37.51	37.76	1.63
CROOKED RIVER	34.22	36.72	1.63
N HUNTINGTON CONN. NO. 2	345.77	345.81	1.63
SEARS FRONTAGE RD.	179.01	179.11	1.63
THE DALLES-CALIFORNIA	11.35	12.17	1.63
VIENTO STATE PK. CONN NO 3	56.02	56.06	1.63
CROOKED RIVER	25.04	27.39	1.63
ENTERPRISE-LEWISTON	22.74	23.23	1.63
BAKER-COPPERFIELD	20.26	20.29	1.63
CROOKED RIVER	30.27	31.16	1.63
JOHN DAY	102.5	104.73	1.63
DURKEE CONN. NO. 2	327.39	327.48	1.63
FARGO RD. CONN. NO. 2	278.64	278.72	1.63
JOHN DAY	11.97	13.46	1.63
BAKER-COPPERFIELD	56.25	58.33	1.63
JOHN DAY	14.46	15.41	1.63
JOHN DAY	107.35	107.5	1.63
JOHN DAY	105.94	105.98	1.63
ENTERPRISE-LEWISTON	5.73	6.37	1.63
THE DALLES-CALIFORNIA	9.86	10.52	1.63
AZALEA CONN. NO. 2	88.06	88.18	1.63
HERMAN CREEK RD. CONN.	47.85	47.89	1.63
BAKER-COPPERFIELD	7.46	8.41	1.63
LADD CANYON CONN. NO. 2	273.86	273.98	1.63
JOHN DAY	8.94	11.97	1.63
BLALOCK CONN. NO. 2	129.39	129.45	1.63
BAKER-COPPERFIELD	43.26	43.28	1.63
JOHN DAY	112.28	114.15	1.63
ENTERPRISE-LEWISTON	23.23	23.75	1.63
THE DALLES-CALIFORNIA	32.57	32.99	1.63
JOHN DAY	53.72	55.46	1.63
COLUMBIA RIVER	188.91	189.79	1.63
ENTERPRISE-LEWISTON	22.19	22.26	1.63
CROOKED RIVER	6.47	9.17	1.63
JORDAN CREEK CONN. NO. 2	338.09	338.14	1.63
COLUMBIA RIVER	189.79	190.94	1.63
SANTIAM	10.9	11.39	1.63
THE DALLES-CALIFORNIA	14.28	14.3	1.63
JOHN DAY	4	4.38	1.63
JOHN DAY	16.83	16.84	1.63
JOHN DAY	118.65	119.7	1.63
FRONTAGE RD. CONN. NO. 2	232.72	232.95	1.63
ENCHANTED WAY FRONT. RD	244.68	244.99	1.63
JOHN DAY	105.66	105.9	1.63
BIGGS-RUFUS FRONTAGE RD.	109.56	109.63	1.63
BAKER-COPPERFIELD	51.87	52.89	1.63
THE DALLES-CALIFORNIA	42.93	43.99	1.63
BAKER-COPPERFIELD	54.39	55.26	1.63
THE DALLES DAM CONN. NO. 2	88.81	88.85	1.63
BAKER-COPPERFIELD	53.11	53.18	1.63
JOHN DAY	104.73	105.23	1.63
JOHN DAY	47.78	49.14	1.63
ENTERPRISE-LEWISTON	23.75	24.48	1.63
ENTERPRISE-LEWISTON	22.26	22.74	1.63
CROOKED RIVER	9.17	11.03	1.63
JOHN DAY	80.9	81.06	1.63
WEATHERBY CONN. NO. 2	335.73	335.8	1.63
CENTRAL OREGON	259.67	260.67	1.63
THE DALLES-CALIFORNIA	33.89	35.55	1.63
FOREST LANE CONN. NO. 2	46.29	46.33	1.63
BAKER-COPPERFIELD	18.25	20.26	1.63
OLD EMIGRANT HILL FR. NO.1	252.02	252.08	1.63
YONCALLA CONN. NO. 1	150.24	150.42	1.63
SANTIAM	4.72	5.01	1.63
COLUMBIA RIVER	190.94	191.34	1.63
BAKER-COPPERFIELD	40.41	40.55	1.63
SANTIAM	8.53	8.54	1.63
CROOKED RIVER	38.94	40.07	1.63
ENTERPRISE-LEWISTON	1.14E-13	5.63	1.63
THE DALLES-CALIFORNIA	42.34	42.43	1.63
BAKER-COPPERFIELD	36.98	38.04	1.63

N HUNTINGTON CONN. NO. 2	345.81	345.86	1.63
TALBOT RD. CONN. NO. 1	242.05	242.22	1.63
THE DALLES-CALIFORNIA	27.88	28.07	1.63
BAKER-COPPERFIELD	17.24	17.81	1.63
JOHN DAY	39.52	43.61	1.63
STANTON BLVD. CONN. NO. 3	371.25	371.35	1.63
JOHN DAY	75.65	75.79	1.63
COLD SPRINGS JCT. INTCHG.	193.24	193.38	1.63
REW ELEVATOR CONN. NO. 2	198.47	198.61	1.63
ANKENY HILL CONN. NO. 2	243.48	243.6	1.63
SANTIAM	3.06	3.48	1.63
MYERS CREEK CONN. NO. 1	337.17	337.21	1.63
CENTRAL OREGON	260.67	261.68	1.63
BAKER-COPPERFIELD	63.5	65.33	1.63
CROOKED RIVER	40.37	40.99	1.63
THE DALLES-CALIFORNIA	35.74	37.51	1.63
ENTERPRISE-LEWISTON	20.82	21.38	1.63
ENCINA CONN. NO. 2	313.55	313.73	1.63
FRONTAGE RD. CONN.	186.39	186.45	1.63
CENTRAL OREGON	262.67	264.66	1.63
JUMPOFF JOE CONN. 2	66.16	66.27	1.63
TOWER RD. CONN. NO. 2	159.25	159.35	1.63
BAKER-COPPERFIELD	10.02	14.43	1.63
ENTERPRISE-LEWISTON	9.48	13.31	1.63
THE DALLES-CALIFORNIA	32.48	32.57	1.63
ENTERPRISE-LEWISTON	25.27	25.31	1.63
TOWER RD. CONN. NO. 2	159.45	159.5	1.63
YOAKUM RD. CONN. NO. 2	199.39	199.53	1.63
ENTERPRISE-LEWISTON	36.87	37.26	1.63
BAKER-COPPERFIELD	29.4	31.32	1.63
CROOKED RIVER	41.78	42.32	1.63
JOHN DAY	28.88	29.18	1.63
ENTERPRISE-LEWISTON	8.43	8.96	1.63
THE DALLES-CALIFORNIA	33.17	33.89	1.63
BAKER-COPPERFIELD	70.48	70.54	1.63
JOHN DAY	83.38	86.71	1.63
JOHN DAY	93.67	95.39	1.63
S RICE HILL CONN. NO. 3	146.77	146.86	1.63
JOHN DAY	5.21	5.35	1.63
BAKER-COPPERFIELD	4.28	4.53	1.63
COLUMBIA RIVER	193.53	194.26	1.63
ENTERPRISE-LEWISTON	21.38	22.19	1.63
THE DALLES-CALIFORNIA	35.55	35.74	1.63
CROOKED RIVER	27.31	27.39	1.63
JOHN DAY	97.82	99.1	1.63
ECHO JCT. CONN. NO. 2	193.5	193.62	1.63
JOHN DAY	52.06	53.72	1.63
JOHN DAY	51.01	52.06	1.63
BAKER-COPPERFIELD	70.54	70.56	1.63
MOORE'S HOLLOW CONN. NO. 2	362.13	362.19	1.63
FOREST LANE CONN. NO. 1	46.33	46.45	1.63
JOHN DAY	17.02	17.09	1.63
BAKER-COPPERFIELD	52.89	53.08	1.63
OLDS FERRY INTCHG. CONN.	356.0982902	356.11	1.63
ENTERPRISE-LEWISTON	19.55	20.18	1.63
CROOKED RIVER	24.1	27.25	1.63
JOHN DAY	105.23	105.4	1.63
THE DALLES-CALIFORNIA	16.49	17.92	1.63
FOOTHILL RD. CONN. NO. 2	268.21	268.34	1.63
SANTIAM	6.47	6.55	1.63
MYERS CREEK CONN. NO. 1	337.17	337.183	1.63
JOHN DAY	108.14	112.28	1.63
BAKER-COPPERFIELD	6.67	7.41	1.63
JOHN DAY	32.71	34.91	1.63
JOHN DAY	49.29	49.41	1.63
THREEMILE CANYON CONN NO 3	151.72	151.84	1.63
BAKER-COPPERFIELD	58.33	63.5	1.63
CROOKED RIVER	36.72	37.87	1.63
ENTERPRISE-LEWISTON	35.8	36.87	1.63
BAKER-COPPERFIELD	26.76	29.4	1.63
THE DALLES-CALIFORNIA	32.99	33.17	1.63
BOOMER HILL RD. CONN. NO 2	110.35	110.39	1.63
BAKER-COPPERFIELD	4.53	4.81	1.63
CLOVER CREEK CONN. NO. 2	278.59	278.74	1.63
COLUMBIA RIVER	194.36	203.28	1.63
SANTIAM	8.54	9.77	1.63
JOHN DAY	1.99	2.09	1.63

JOHN DAY	34.91	36.12	1.63
BAKER-COPPERFIELD	41.23	41.37	1.63
CROOKED RIVER	29.67	30.27	1.63
JOHN DAY	78.56	80.6	1.63
BAKER-COPPERFIELD	16.28	16.47	1.63
THE DALLES-CALIFORNIA	10.52	10.86	1.63
BAKER-COPPERFIELD	26.72	26.76	1.63
STANTON BLVD. CONN. NO. 3	371.56	371.64	1.63
SAGINAW CONN. NO. 2	176.71	176.8	1.63
ENTERPRISE-LEWISTON	26.5	26.79	1.63
SANTIAM	7.98	8.5	1.63
DIAMOND HILL CONN. NO. 2	208.99	209.13	1.63
COLUMBIA RIVER	193.33	193.53	1.63
THE DALLES-CALIFORNIA	39.33	40.32	1.63
BAKER-COPPERFIELD	38.12	39.03	1.63
BAKER-COPPERFIELD	7.41	7.46	1.63
JOHN DAY	106.07	107.35	1.63
CURTIN CONN. NO. 3	163.7	163.81	1.63
COLUMBIA RIVER	194.26	194.36	1.63
JOHN DAY	29.18	32.71	1.63
CELILO FRONTAGE RD.	96.88	97.17	1.63
BAKER-COPPERFIELD	53.08	53.11	1.63
CENTRAL OREGON	266.74	266.82	1.63
JOHN DAY	50.11	50.15	1.63
SANTIAM	9.77	9.82	1.63
THE DALLES-CALIFORNIA	16.07	16.49	1.63
W JOHN DAY CONN. NO. 2	114.2	114.32	1.63
BAKER-COPPERFIELD	6.3	6.33	1.63
CROOKED RIVER	40.07	40.36	1.63
ENTERPRISE-LEWISTON	25.5	26.5	1.63
CROOKED RIVER	31.16	34.22	1.63
BENSON FRONTAGE RD. NO. 1	353.04	353.5	1.63
BAKER-COPPERFIELD	8.41	10.02	1.63
JOHN DAY	15.41	16.83	1.63
JOHN DAY	44.99	45.29	1.63
FRONTAGE RD.	59.7	59.96	1.63
BAKER-COPPERFIELD	32.92	36.98	1.63
ENTERPRISE-LEWISTON	13.31	13.42	1.63
JOHN DAY	95.56	97.67	1.63
JOHN DAY	5.15	5.21	1.63
ENTERPRISE-LEWISTON	5.63	5.69	1.63
BAKER-COPPERFIELD	41.06	41.23	1.63
JOHN DAY	97.77	97.82	1.63
THE DALLES-CALIFORNIA	9.46	9.86	1.63
DIXIE CONN. NO. 2	340.39	340.46	1.63
ENTERPRISE-LEWISTON	25.31	25.5	1.63
JOHN DAY	80.6	80.9	1.63
THE DALLES-CALIFORNIA	7.17	7.84	1.63
WOLF CREEK CONN. NO. 2	283.59	283.71	1.63
JOHN DAY	105.98	106.07	1.63
CENTRAL OREGON	266.58	266.65	1.63
BARTON RD. CONN. NO. 2	83.23	83.34	1.63
BAKER-COPPERFIELD	32.01	32.92	1.63
THE DALLES-CALIFORNIA	21.11	21.43	1.63
JOHN DAY	117.35	118.2	1.63
MYERS CREEK CONN. NO. 3	337.17	337.1814014	1.63
JOHN DAY	75.79	78.56	1.63
JOHN DAY	99.1	99.74	1.63
ROWENA CONN. NO. 2	76.72	76.75	1.63
BAKER-COPPERFIELD	42.4	43.02	1.63
CROOKED RIVER	1.9	2.48	1.63
ENTERPRISE-LEWISTON	17.77	18.48	1.63
THE DALLES-CALIFORNIA	10.86	11.03	1.63
JOHN DAY	4.69	4.8	1.63
THE DALLES-CALIFORNIA	14.57	16.02	1.63
BAKER-COPPERFIELD	43.02	43.07	1.63
STANTON BLVD. FRONTAGE RD.	371.45	371.62	1.63
JOHN DAY	23.11	24.18	1.63
JOHN DAY	119.7	121.74	1.63
PORT OF MORROW CONN. NO. 2	165.76	165.88	1.63
SANTIAM	6.46	6.47	1.63
JOHN DAY	50.25	50.96	1.63
COLD SPRINGS JCT. INTCHG.	193.5	193.59	1.63
WESTLAND RD. CONN. NO. 2	180.33	180.46	1.63
SANTIAM	9.82	9.85	1.63
CROOKED RIVER	27.25	27.31	1.63
THE DALLES-CALIFORNIA	31.69	32.48	1.63

JOHN DAY	26.93	28.88	1.63
BAKER-COPPERFIELD	6.33	6.67	1.63
S DUFUR FRONTAGE RD.	14.28	14.3	1.63
JOHN DAY	24.18	26.93	1.63
ENTERPRISE-LEWISTON	20.18	20.51	1.63
BAKER-COPPERFIELD	20.79	23.17	1.63
THE DALLES-CALIFORNIA	14.3	14.57	1.63
RICE HILL FRONTAGE RD.	147.88	148.23	1.63
WOELPERN CONN. NO. 2	131.01	131.05	1.63
OLD EMIGRANT HILL FR. NO.1	251.31	252.02	1.63
CROOKED RIVER	23.11	23.99	1.63
SANTIAM	5.01	6	1.63
ENTERPRISE-LEWISTON	26.79	28.47	1.63
COLUMBIA RIVER	192.14	193.18	1.63
ENTERPRISE-LEWISTON	29.48	33.76	1.63
CROOKED RIVER	28.33	29.67	1.63
THE DALLES-CALIFORNIA	8.53	8.62	1.63
JOHN DAY	1.93	1.99	1.63
THE DALLES-CALIFORNIA	7.84	8.53	1.63
BAKER-COPPERFIELD	23.17	26.72	1.63
CROOKED RIVER	42.32	42.4	1.63
ENTERPRISE-LEWISTON	13.42	15.56	1.63
THE DALLES-CALIFORNIA	17.92	21.11	1.63
E CASCADE LOCKS FRONT. RD	47.31	47.62	1.63
BAKER-COPPERFIELD	55.26	56.25	1.63
COLUMBIA RIVER	191.38	192.14	1.63
CENTRAL OREGON	266.7	266.74	1.63
QUINTON CONN. NO. 2	123.28	123.34	1.63
BAKER-COPPERFIELD	31.32	31.73	1.63
JOHN DAY	17.09	19.4	1.63
ENTERPRISE-LEWISTON	9.36	9.48	1.63
JOHN DAY	43.63	43.98	1.63
THE DALLES-CALIFORNIA	16.02	16.07	1.63
SANTIAM	6.55	7.98	1.63
JOHN DAY	19.85	23.11	1.63
PLEASANT VALLEY CONN. NO 1	317.36	317.56	1.63
HOLE IN THE WALL FRONT. RD	30.65	31.32	1.63
JOHN DAY	7.96	8.94	1.63
JOHN DAY	13.46	14.46	1.63
BAKER-COPPERFIELD	65.33	68.52	1.63
FREMONT	26.97	29.06	1.63
BELLEVUE-HOPEWELL	8.46	8.73	1.63
WHITNEY	44.96	45.48	1.63
HILLSBORO-SILVERTON	34.65	35.19	1.63
CRATER LAKE	63.04	63.09	1.63
NETARTS	7.3	7.58	1.63
TUALATIN VALLEY	27.48	27.67	1.63
WILSON RIVER	43.24	43.88	1.63
YAMHILL-NEWBERG	8.15	8.4	1.63
AMITY-DAYTON	4.28	4.75	1.63
HILLSBORO-SILVERTON	11.92	14.9	1.63
CRATER LAKE	38.03	38.22	1.63
ALBANY-JUNCTION CITY	30.61	30.67	1.63
FREMONT	35.46	39.46	1.63
GREEN SPRINGS	54.83	56.14	1.63
NEHALEM	4.93	5	1.63
PACIFIC HIGHWAY WEST	39.93	40.24	1.63
WILSON RIVER	32.96	34.65	1.63
HILLSBORO-SILVERTON	8.23	9.35	1.63
CRATER LAKE	87.67	89.77	1.63
LAFAYETTE	1.91	3.27	1.63
NECANICUM	7.57	7.64	1.63
CRATER LAKE	38.64	38.82	1.63
HEPPNER	76.75	76.77	1.63
PACIFIC HIGHWAY EAST	34.97	34.99	1.63
PENDLETON-COLD SPRINGS	13.25	13.72	1.63
HILLSBORO-SILVERTON	6.06	7.73	1.63
LA GRANDE-BAKER	12.63	14.19	1.63
CRATER LAKE	23.98	25.56	1.63
BELLEVUE-HOPEWELL	10.96	11.48	1.63
PENDLETON-COLD SPRINGS	23.35	24.84	1.63
CASCADE HWY SOUTH	28.4	28.44	1.63
HILLSBORO-SILVERTON	30.07	31	1.63
NEHALEM	64.31	64.37	1.63
GREEN SPRINGS	36.39	36.45	1.63
TUALATIN VALLEY	24.63	24.65	1.63
ALSEA	3.61	3.9	1.63

NORTH UMPQUA HIGHWAY EAST	20.64	20.7	1.63
NECANICUM	15.8	15.87	1.63
FISHHAWK FALLS	5.21	5.4	1.63
ALBANY-JUNCTION CITY	14.41	14.47	1.63
FREMONT	47.4	47.45	1.63
PENDLETON-COLD SPRINGS	6.54	6.59	1.63
WOODBURN-ESTACADA	24.2	24.98	1.63
HISTORIC COLUMBIA RIVER	69.74	70.35	1.63
HILLSBORO-SILVERTON	10.88	11.01	1.63
DAIRY-BONANZA	1.62	2.08	1.63
NETARTS	1.12	1.17	1.63
WILSON RIVER	41.95	42.23	1.63
LA GRANDE-BAKER	38.25	38.77	1.63
AMITY-DAYTON	6.88	6.96	1.63
NORTH UMPQUA HIGHWAY EAST	94.81	95.86	1.63
CRATER LAKE	19.69	19.76	1.63
ALSEA	8.8	9.07	1.63
FREMONT	25.31	26.97	1.63
FREMONT	19.65	21.26	1.63
ALSEA	42.36	42.46	1.63
PACIFIC HIGHWAY WEST	105.99	106.49	1.63
PENDLETON-COLD SPRINGS	2.65	2.66	1.63
ALBANY-JUNCTION CITY	24.6	25.06	1.63
SALEM-DAYTON	4.15	5.29	1.63
LAFAYETTE	3.27	3.59	1.63
CRATER LAKE	22.42	22.87	1.63
ALSEA	8.72	8.8	1.63
FREMONT	47.45	47.51	1.63
BELLEVUE-HOPEWELL	11.65	11.73	1.63
HEPPNER	65.57	68.98	1.63
PENDLETON-COLD SPRINGS	28.51	29.04	1.63
HISTORIC COLUMBIA RIVER	63.11	63.93	1.63
HILLSBORO-SILVERTON	15.61	16.44	1.63
CRATER LAKE	102.47	103.72	1.63
NETARTS	0.99	1.12	1.63
OREGON CAVES	3.73	3.9	1.63
LA GRANDE-BAKER	44	45.16	1.63
ALSEA	38.64	38.86	1.63
FREMONT	100.23	104.32	1.63
YAMHILL-NEWBERG	6.01	6.05	1.63
WHITNEY	40.11	41.06	1.63
CASCADE HWY SOUTH	19.35	20.1	1.63
HILLSBORO-SILVERTON	11.3	11.62	1.63
WILSON RIVER	38.6	38.68	1.63
FREMONT	57.16	60.73	1.63
GREEN SPRINGS	54.44	54.83	1.63
ALSEA	45.99	46.29	1.63
PACIFIC HIGHWAY WEST	106.49	106.87	1.63
FREMONT	109.81	116.42	1.63
SALEM-DAYTON	9.26	9.29	1.63
CASCADE HWY SOUTH	17.85	18.09	1.63
CRATER LAKE	17.41	18.41	1.63
THREE RIVERS	1.38	1.41	1.63
FREMONT	49.47	49.58	1.63
TUALATIN VALLEY	32.9	33.29	1.63
HEPPNER	8.44	11.9	1.63
PENDLETON-COLD SPRINGS	20.21	22.32	1.63
HILLSBORO-SILVERTON	43.5	43.78	1.63
CRATER LAKE	28.35	28.57	1.63
NORTH UMPQUA HIGHWAY EAST	19.82	20	1.63
LA GRANDE-BAKER	5.67	6.58	1.63
LAFAYETTE	1.16	1.19	1.63
NECANICUM	12.16	12.81	1.63
CRATER LAKE	90.18	90.23	1.63
BELLEVUE-HOPEWELL	9.77	10	1.63
HEPPNER	4.05	5.65	1.63
CRATER LAKE	91.33	91.36	1.63
NETARTS	3.01	3.12	1.63
YAMHILL-NEWBERG	1.76	1.82	1.63
WAPINITIA	21.25	23.18	1.63
HEPPNER	1.14E-13	0.26	1.63
HILLSBORO-SILVERTON	47.5	47.95	1.63
HEPPNER	30.37	30.87	1.63
HILLSBORO-SILVERTON	41.3	41.44	1.63
LITTLE NESTUCCA	1.08	1.22	1.63
FREMONT	116.42	118.47	1.63
YAMHILL-NEWBERG	1.82	2.01	1.63

WAPINITIA	14.02	15.28	1.63
NORTH UMPQUA HIGHWAY EAST	21.19	21.21	1.63
CASCADE HWY SOUTH	20.73	20.96	1.63
LA GRANDE-BAKER	54.36	54.64	1.63
FREMONT	119.53	119.67	1.63
WILSON RIVER	36.7	37.64	1.63
WOODBURN-ESTACADA	2.63	3.1	1.63
SALEM-DAYTON	9.23	9.26	1.63
NORTH UMPQUA HIGHWAY EAST	97.75	97.83	1.63
OREGON CAVES	1.76	2.15	1.63
LA GRANDE-BAKER	37.98	38.25	1.63
AMITY-DAYTON	1.06	1.31	1.63
NECANICUM	14.34	15.13	1.63
ALBANY-JUNCTION CITY	30.85	31.78	1.63
FREMONT	23.96	25.31	1.63
HEPPNER	19.39	19.59	1.63
ALSEA	53.59	54.24	1.63
PENDLETON-COLD SPRINGS	19.95	20.14	1.63
WOODBURN-ESTACADA	10.13	10.69	1.63
HILLSBORO-SILVERTON	8.21	8.23	1.63
NETARTS	0.8	0.95	1.63
LA GRANDE-BAKER	26.38	26.43	1.63
AMITY-DAYTON	2.26	2.59	1.63
PACIFIC HIGHWAY WEST	57.65	57.72	1.63
FREMONT	29.06	29.26	1.63
BELLEVUE-HOPEWELL	8.35	8.46	1.63
HEPPNER	68.98	72.7	1.63
CASCADE HWY SOUTH	17.32	17.85	1.63
HILLSBORO-SILVERTON	41.44	41.51	1.63
CRATER LAKE	19.78	19.84	1.63
GREEN SPRINGS	44.17	44.55	1.63
PACIFIC HIGHWAY WEST	91.72	92.23	1.63
YAMHILL-NEWBERG	5.47	5.71	1.63
HEPPNER	72.7	76.32	1.63
WHITNEY	39.26	40.11	1.63
FREMONT	66.8	67.04	1.63
GREEN SPRINGS	32.27	32.3	1.63
TUALATIN VALLEY	23.65	23.76	1.63
HEPPNER	3.03	3.34	1.63
WOODBURN-ESTACADA	18.04	18.25	1.63
SALEM-DAYTON	15.8	16.05	1.63
LA GRANDE-BAKER	14.5	14.88	1.63
LAFAYETTE	1.19	1.91	1.63
NECANICUM	17.62	17.71	1.63
CRATER LAKE	38.82	38.84	1.63
ALBANY-JUNCTION CITY	12.36	12.63	1.63
FREMONT	109.41	109.81	1.63
GREEN SPRINGS	32.08	32.12	1.63
FREMONT	47.59	47.73	1.63
NEHALEM	71.46	71.88	1.63
HEPPNER	44.18	44.29	1.63
ALSEA	54.24	54.37	1.63
SALEM-DAYTON	2.36	2.72	1.63
LA GRANDE-BAKER	14.19	14.5	1.63
FREMONT	100.18	100.23	1.63
GREEN SPRINGS	19.1	19.48	1.63
PACIFIC HIGHWAY WEST	99.05	99.47	1.63
PENDLETON-COLD SPRINGS	5.68	6.54	1.63
WOODBURN-ESTACADA	15.47	15.65	1.63
HILLSBORO-SILVERTON	32.96	33.06	1.63
NETARTS	7.09	7.19	1.63
NEHALEM	64.38	64.41	1.63
DAIRY-BONANZA	0.25	0.77	1.63
CRATER LAKE	19.51	19.54	1.63
ALSEA	17.68	17.93	1.63
WHITNEY	4.55	6.34	1.63
NETARTS	0.62	0.65	1.63
WILSON RIVER	46.77	47.76	1.63
GREEN SPRINGS	17.49	17.73	1.63
NORTH UMPQUA HIGHWAY EAST	20.53	20.64	1.63
ALBANY-JUNCTION CITY	17.35	18.35	1.63
FREMONT	52.79	53.73	1.63
GREEN SPRINGS	48.67	48.71	1.63
HEPPNER	20.41	23.17	1.63
WOODBURN-ESTACADA	15.65	15.69	1.63
SALEM-DAYTON	6.16	7.17	1.63
NORTH UMPQUA HIGHWAY EAST	18.75	19.7	1.63

FREMONT	53.97	57.16	1.63
HEPPNER	40.67	41.56	1.63
PACIFIC HIGHWAY EAST	39.07	39.55	1.63
HILLSBORO-SILVERTON	10.13	10.88	1.63
CRATER LAKE	93.25	94.96	1.63
ALSEA	43.26	43.31	1.63
NORTH UMPQUA HIGHWAY EAST	21.91	22.01	1.63
WHITNEY	1.89	4.55	1.63
CASCADE HWY SOUTH	27.41	28.09	1.63
CRATER LAKE	36.64	37.65	1.63
WILSON RIVER	50.03	51.21	1.63
WOODBURN-ESTACADA	3.1	3.41	1.63
NETARTS	1.17	1.19	1.63
CRATER LAKE	15.16	15.67	1.63
ALSEA	52.37	53.11	1.63
PACIFIC HIGHWAY WEST	97.07	97.61	1.63
FREMONT	3.37	5.43	1.63
BELLEVUE-HOPEWELL	10	10.96	1.63
HEPPNER	14.1	15.4	1.63
CRATER LAKE	23.02	23.98	1.63
NEHALEM	71.89	74.07	1.63
FREMONT	104.37	107.88	1.63
HEPPNER	38.19	38.24	1.63
ALSEA	1.67	1.75	1.63
FREMONT	30.14	32.92	1.63
YAMHILL-NEWBERG	9.09	9.13	1.63
NORTH UMPQUA HIGHWAY EAST	20.93	21.15	1.63
LA GRANDE-BAKER	11.13	11.25	1.63
CRATER LAKE	40.36	41.6	1.63
FREMONT	69.06	70.38	1.63
TUALATIN VALLEY	23.63	23.65	1.63
HEPPNER	53.91	57.56	1.63
PENDLETON-COLD SPRINGS	0.82	0.88	1.63
LA GRANDE-BAKER	6.94	10.47	1.63
AMITY-DAYTON	6.71	6.88	1.63
CRATER LAKE	17.3	17.41	1.63
PACIFIC HIGHWAY WEST	69.41	69.72	1.63
BELLEVUE-HOPEWELL	7.82	8.35	1.63
TUALATIN VALLEY	23.76	23.8	1.63
PACIFIC HIGHWAY EAST	39.55	39.91	1.63
PENDLETON-COLD SPRINGS	26.05	26.37	1.63
HILLSBORO-SILVERTON	5.54	6.06	1.63
NORTH UMPQUA HIGHWAY EAST	20.46	20.53	1.63
LA GRANDE-BAKER	45.16	46.44	1.63
PACIFIC HIGHWAY WEST	51.76	54.25	1.63
FREMONT	88.97	90	1.63
WHITNEY	45.48	47.31	1.63
CRATER LAKE	29.17	29.35	1.63
WILSON RIVER	35.17	36.7	1.63
WOODBURN-ESTACADA	17.79	18.04	1.63
FREMONT	107.88	108.59	1.63
GREEN SPRINGS	47.58	47.78	1.63
WOODBURN-ESTACADA	25.13	25.15	1.63
KLAMATH FALLS-MALIN	26.42	27.1	1.63
CASCADE HWY SOUTH	22.86	22.96	1.63
CRATER LAKE	39.86	40.36	1.63
FREMONT	45.87	45.9	1.63
HEPPNER	11.9	13.98	1.63
ALSEA	37.96	38.11	1.63
WHITNEY	6.34	7.03	1.63
HILLSBORO-SILVERTON	42.88	43.11	1.63
CASCADE GORGE FRONTAGE RD.	37.65	37.87	1.63
NETARTS	3.12	3.2	1.63
GREEN SPRINGS	44.55	45.03	1.63
PACIFIC HIGHWAY WEST	54.25	54.39	1.63
FREMONT	18.28	18.91	1.63
NORTH UMPQUA HIGHWAY EAST	99.55	100.65	1.63
CASCADE HWY SOUTH	20.28	20.73	1.63
HILLSBORO-SILVERTON	15.57	15.61	1.63
FISHHAWK FALLS	6.21	6.28	1.63
ALBANY-JUNCTION CITY	25.06	25.2	1.63
FREMONT	46.97	47.1	1.63
TUALATIN VALLEY	39.47	40.79	1.63
HEPPNER	49.45	53.71	1.63
WOODBURN-ESTACADA	25.17	25.54	1.63
HILLSBORO-SILVERTON	9.4	9.68	1.63
NETARTS	0.65	0.77	1.63

OREGON CAVES	3.17	3.73	1.63
AMITY-DAYTON	3.99	4.28	1.63
NORTH UMPQUA HIGHWAY EAST	97.64	97.74	1.63
CRATER LAKE	17.21	17.3	1.63
HISTORIC COLUMBIA RIVER	70.35	70.37	1.63
FREMONT	22.06	23.14	1.63
CASCADE HWY SOUTH	21.47	21.53	1.63
CRATER LAKE	29.35	29.36	1.63
LITTLE NESTUCCA	1.22	1.57	1.63
GREEN SPRINGS	11.94	13.66	1.63
PACIFIC HIGHWAY WEST	92.99	94.03	1.63
WAPINITIA	23.18	24.26	1.63
WHITNEY	41.85	43.6	1.63
CASCADE HWY SOUTH	24.77	24.83	1.63
HILLSBORO-SILVERTON	41.51	41.57	1.63
WOODBURN-ESTACADA	25.15	25.17	1.63
FREMONT	8.04	8.28	1.63
WILLOW CREEK FRONTAGE RD.	3.43	3.52	1.63
WILSON RIVER	38.68	38.87	1.63
NORTH UMPQUA HIGHWAY EAST	100.65	100.67	1.63
KLAMATH FALLS-MALIN	20.65	21.21	1.63
PACIFIC HIGHWAY WEST	41	41.12	1.63
LA GRANDE-BAKER	33.2	34.7	1.63
AMITY-DAYTON	4.75	5.08	1.63
HEPPNER	57.56	61.65	1.63
PENDLETON-COLD SPRINGS	1.68	2.65	1.63
LAFAYETTE	6.01	6.26	1.63
PACIFIC HIGHWAY WEST	98.48	99.05	1.63
BELLEVUE-HOPEWELL	8.73	9.44	1.63
WAPINITIA	24.26	26.03	1.63
HEPPNER	62.08	64.53	1.63
HILLSBORO-SILVERTON	30.03	30.07	1.63
CRATER LAKE	25.56	25.68	1.63
FREMONT	48.08	48.1	1.63
PACIFIC HIGHWAY WEST	89.73	91.21	1.63
AMITY-DAYTON	2.59	3.29	1.63
CRATER LAKE	22.24	22.42	1.63
ALSEA	40.97	42.16	1.63
KLAMATH FALLS-MALIN	25.77	26.42	1.63
PACIFIC HIGHWAY WEST	40.42	40.96	1.63
FREMONT	5.8	6.27	1.63
BELLEVUE-HOPEWELL	2.12	2.93	1.63
HILLSBORO-SILVERTON	43.78	44.83	1.63
CRATER LAKE	14.08	14.13	1.63
PACIFIC HIGHWAY WEST	57.72	57.78	1.63
YAMHILL-NEWBERG	5.71	6.01	1.63
NORTH UMPQUA HIGHWAY EAST	19.7	19.82	1.63
KLAMATH FALLS-MALIN	25.69	25.71	1.63
CRATER LAKE	18.49	19.18	1.63
FREMONT	70.38	74.6	1.63
GREEN SPRINGS	36.38	36.39	1.63
TUALATIN VALLEY	23.61	23.63	1.63
HEPPNER	76.69	76.75	1.63
WILSON RIVER	38.87	38.95	1.63
WOODBURN-ESTACADA	28.77	29.61	1.63
PACIFIC HIGHWAY WEST	94.03	95.6	1.63
LA GRANDE-BAKER	11.29	12.63	1.63
BELLEVUE-HOPEWELL	3.18	3.94	1.63
CRATER LAKE	33.4	34.24	1.63
ALBANY-JUNCTION CITY	15.34	15.84	1.63
TUALATIN VALLEY	24.65	24.81	1.63
HEPPNER	80.66	81.13	1.63
PENDLETON-COLD SPRINGS	16.28	17.22	1.63
CASCADE HWY SOUTH	21.26	21.47	1.63
ALBANY-JUNCTION CITY	29.66	30.61	1.63
HISTORIC COLUMBIA RIVER	52.42	52.47	1.63
HILLSBORO-SILVERTON	5.16	5.45	1.63
CRATER LAKE	19.18	19.25	1.63
NETARTS	7.19	7.3	1.63
LA GRANDE-BAKER	24.71	26.38	1.63
CRATER LAKE	90.23	90.86	1.63
TUALATIN VALLEY	27.33	27.48	1.63
HEPPNER	49.19	49.45	1.63
PENDLETON-COLD SPRINGS	22.32	23.35	1.63
CASCADE HWY SOUTH	20.1	20.28	1.63
HILLSBORO-SILVERTON	1.79	2.51	1.63
CRATER LAKE	101.63	102	1.63

WOODBURN-ESTACADA	30.12	30.71	1.63
FREMONT	18.91	19.65	1.63
YAMHILL-NEWBERG	6.05	6.07	1.63
WAPINITIA	13.15	13.69	1.63
CRATER LAKE	18.41	18.49	1.63
FISHHAWK FALLS	8.9	8.92	1.63
ALBANY-JUNCTION CITY	14.47	14.54	1.63
FREMONT	45.9	46.58	1.63
GREEN SPRINGS	52.4	53.64	1.63
NEHALEM	5	5.09	1.63
TUALATIN VALLEY	29.65	29.99	1.63
ALSEA	42.74	42.99	1.63
PACIFIC HIGHWAY WEST	40.24	40.42	1.63
ALBANY-JUNCTION CITY	14.61	14.75	1.63
SALEM-DAYTON	5.29	5.49	1.63
DAIRY-BONANZA	3.52	4.42	1.63
LAFAYETTE	0.52	1.16	1.63
HILLSBORO-SILVERTON	14.9	14.95	1.63
ALBANY-JUNCTION CITY	22.38	24.6	1.63
FREMONT	64.44	66.13	1.63
TUALATIN VALLEY	28.46	28.49	1.63
PACIFIC HIGHWAY WEST	89.68	89.73	1.63
WILSON RIVER	42.23	42.28	1.63
HISTORIC COLUMBIA RIVER	32.61	33.08	1.63
SALEM-DAYTON	9.29	9.53	1.63
CRATER LAKE	21.74	22	1.63
LA GRANDE-BAKER	17.48	17.78	1.63
AMITY-DAYTON	5.76	6.66	1.63
NECANICUM	13.5	14.34	1.63
THREE RIVERS	23.97	24.32	1.63
ALBANY-JUNCTION CITY	25.2	25.96	1.63
TUALATIN VALLEY	29.99	30.38	1.63
COLUMBIA RIVER HWY CONN.	0.88	1.02	1.63
HILLSBORO-SILVERTON	14.97	15.57	1.63
CRATER LAKE	38.22	38.52	1.63
ALSEA	3.9	4.86	1.63
PACIFIC HIGHWAY WEST	66.56	67.9	1.63
BELLEVUE-HOPEWELL	12.48	12.68	1.63
HEPPNER	1.14E-13	0.23	1.63
PENDLETON-COLD SPRINGS	24.84	24.86	1.63
HILLSBORO-SILVERTON	31	31.2	1.63
GREEN SPRINGS	50.66	51.53	1.63
FREMONT	97.32	97.55	1.63
YAMHILL-NEWBERG	9.13	9.84	1.63
POWER LINE RD. CONN. NO. 2	4.8	4.98	1.63
CASCADE HWY SOUTH	21.53	22.86	1.63
HILLSBORO-SILVERTON	31.2	31.49	1.63
THREE RIVERS	1.24	1.38	1.63
ALBANY-JUNCTION CITY	16.03	16.85	1.63
FREMONT	48.1	49.09	1.63
HEPPNER	64.53	65.57	1.63
WOODBURN-ESTACADA	24.98	25.13	1.63
NORTH UMPQUA HIGHWAY EAST	100.67	100.77	1.63
LA GRANDE-BAKER	10.88	11.13	1.63
CRATER LAKE	95.38	96.1	1.63
PACIFIC HIGHWAY WEST	92.23	92.99	1.63
BELLEVUE-HOPEWELL	2.11	2.12	1.63
PENDLETON-COLD SPRINGS	24.86	26.01	1.63
CRATER LAKE	37.84	37.89	1.63
NEHALEM	7.15	7.16	1.63
FREMONT	104.32	104.37	1.63
YAMHILL-NEWBERG	2.38	2.99	1.63
WAPINITIA	15.54	18.79	1.63
NORTH UMPQUA HIGHWAY EAST	91.78	94.43	1.63
CRATER LAKE	37.65	37.84	1.63
ALBANY-JUNCTION CITY	30.67	30.85	1.63
PACIFIC HIGHWAY WEST	103.79	104.36	1.63
TUALATIN VALLEY	32.53	32.9	1.63
HEPPNER	81.13	83.12	1.63
PENDLETON-COLD SPRINGS	2.66	5.68	1.63
HISTORIC COLUMBIA RIVER	62.87	63.11	1.63
GREEN SPRINGS	19.02	19.1	1.63
CRATER LAKE	94.96	95.38	1.63
ALSEA	53.52	53.59	1.63
YAMHILL-NEWBERG	7.92	8.15	1.63
CRATER LAKE	90.86	91.1	1.63
WILSON RIVER	40.99	41.38	1.63

FREMONT	46.58	46.97	1.63
GREEN SPRINGS	52.23	52.4	1.63
ALSEA	31.2	31.92	1.63
SALEM-DAYTON	1.96	2.36	1.63
NECANICUM	11.7	12.16	1.63
CRATER LAKE	49.2	49.84	1.63
HISTORIC COLUMBIA RIVER	58.67	61.46	1.63
FREMONT	49.58	50.54	1.63
HEPPNER	3.88	4.05	1.63
PACIFIC HIGHWAY EAST	37.14	37.88	1.63
FREMONT	93.53	95.74	1.63
TUALATIN VALLEY	23.8	23.84	1.63
PENDLETON-COLD SPRINGS	26.37	27.87	1.63
CRATER LAKE	34.82	35.58	1.63
NETARTS	5.46	6.1	1.63
FREMONT	2.96	3.37	1.63
GREEN SPRINGS	43.84	44.01	1.63
YAMHILL-NEWBERG	8.72	9.09	1.63
WAPINITIA	11.46	13.15	1.63
WILSONVILLE-HUBBARD	0.72	1.47	1.63
WILSON RIVER	42.28	43.24	1.63
FREMONT	47.55	47.59	1.63
GREEN SPRINGS	51.53	52.23	1.63
PACIFIC HIGHWAY WEST	64.8	66.56	1.63
NECANICUM	16.2	16.29	1.63
ALBANY-JUNCTION CITY	14.33	14.41	1.63
CASCADE HWY SOUTH	17.19	17.32	1.63
NORTH UMPQUA HIGHWAY EAST	22.01	22.05	1.63
WILSON RIVER	38.4	38.6	1.63
LA GRANDE-BAKER	54.11	54.18	1.63
FREMONT	21.26	22.06	1.63
PACIFIC HIGHWAY WEST	59.14	60.03	1.63
WILSON RIVER	34.65	35.17	1.63
WOODBURN-ESTACADA	1.2	1.52	1.63
FREMONT	108.59	108.81	1.63
WALLACE BRIDGE CONN. NO. 3	0.6	0.77	1.63
NECANICUM	16.05	16.2	1.63
FREMONT	49.09	49.47	1.63
HEPPNER	76.63	76.69	1.63
ALSEA	1.75	1.76	1.63
ATHENA-HOLDMAN HWY CONN.	20.21	20.25	1.63
CASCADE HWY SOUTH	26.98	27.28	1.63
HISTORIC COLUMBIA RIVER	69.47	69.74	1.63
HILLSBORO-SILVERTON	10.05	10.13	1.63
NETARTS	6.41	7.09	1.63
OREGON CAVES	6.18	6.62	1.63
LA GRANDE-BAKER	21.55	23.06	1.63
AMITY-DAYTON	3.29	3.99	1.63
KLAMATH FALLS-MALIN	21.21	22.04	1.63
PACIFIC HIGHWAY WEST	97.61	98.48	1.63
BELLEVUE-HOPEWELL	11.73	12.06	1.63
TUALATIN VALLEY	35.96	36.09	1.63
WILSON RIVER	10.84	11.71	1.63
FREMONT	74.94	86.93	1.63
WILSONVILLE-HUBBARD	0.41	0.72	1.63
WHITNEY	25.23	27.55	1.63
HILLSBORO-SILVERTON	5.08	5.15	1.63
FREMONT	97.55	97.62	1.63
GREEN SPRINGS	41.33	41.41	1.63
NORTH UMPQUA HIGHWAY EAST	97.74	97.75	1.63
LAFAYETTE	4.93	5.11	1.63
NORTH UMPQUA HIGHWAY EAST	95.87	97.64	1.63
NECANICUM	16.29	16.73	1.63
THREE RIVERS	23.34	23.36	1.63
HISTORIC COLUMBIA RIVER	52.47	52.48	1.63
PENDLETON-COLD SPRINGS	10.82	12.63	1.63
WOODBURN-ESTACADA	10.69	10.88	1.63
ALBANY-JUNCTION CITY	16.85	17.35	1.63
APPLEGATE RIVER FRONT. RD.	7.09	7.24	1.63
HILLSBORO-SILVERTON	11.01	11.07	1.63
CRATER LAKE	14.13	14.57	1.63
DAIRY-BONANZA	2.08	2.94	1.63
CRATER LAKE	96.1	96.2	1.63
FREMONT	96.82	97.32	1.63
HEPPNER	61.65	61.67	1.63
FREMONT	119.67	120.43	1.63
HEPPNER	76.77	80.66	1.63

PACIFIC HIGHWAY EAST	24.5	24.52	1.63
PENDLETON-COLD SPRINGS	13.72	15.46	1.63
CASCADE HWY SOUTH	26.47	26.98	1.63
HILLSBORO-SILVERTON	11.62	11.92	1.63
DAIRY-BONANZA	2.94	3.52	1.63
LAFAYETTE	4.07	4.93	1.63
BELLEVUE-HOPEWELL	14.32	14.36	1.63
HEPPNER	76.32	76.6	1.63
HILLSBORO-SILVERTON	2.51	2.78	1.63
CRATER LAKE	102	102.47	1.63
WOODBURN-ESTACADA	29.61	30.12	1.63
HEPPNER	0.26	0.37	1.63
CRATER LAKE	28.57	29.03	1.63
FREMONT	47.1	47.35	1.63
GREEN SPRINGS	45.69	46.91	1.63
ALSEA	46.29	46.4	1.63
PACIFIC HIGHWAY WEST	103.18	103.79	1.63
WOODBURN-ESTACADA	4.68	5.15	1.63
NORTH UMPQUA HIGHWAY EAST	18.05	18.75	1.63
LAFAYETTE	3.59	4.07	1.63
CRATER LAKE	98.55	99.29	1.63
THREE RIVERS	22.01	22.75	1.63
PACIFIC HIGHWAY WEST	96.61	97.07	1.63
FREMONT	60.73	61.29	1.63
HEPPNER	5.65	8.44	1.63
PACIFIC HIGHWAY EAST	34.16	34.6	1.63
PENDLETON-COLD SPRINGS	0.51	0.82	1.63
WOODBURN-ESTACADA	19.78	20.29	1.63
ALBANY-JUNCTION CITY	14.75	15.34	1.63
GREEN SPRINGS	32.12	32.27	1.63
HILLSBORO-SILVERTON	9.35	9.4	1.63
CRATER LAKE	91.1	91.33	1.63
NETARTS	0.77	0.8	1.63
LA GRANDE-BAKER	46.44	48.13	1.63
CASCADE HWY SOUTH	26.12	26.47	1.63
HILLSBORO-SILVERTON	43.11	43.43	1.63
CRATER LAKE	22	22.13	1.63
NEHALEM	59.21	60.13	1.63
WOODBURN-ESTACADA	2.61	2.63	1.63
TUALATIN VALLEY	28.49	28.77	1.63
PACIFIC HIGHWAY WEST	50.63	51.76	1.63
FREMONT	47.8	48.08	1.63
WESTLAND-ORDNANCE RD CON 2	9.79	9.94	1.63
NECANICUM	15.87	16.05	1.63
THREE RIVERS	22.75	23.34	1.63
FREMONT	40.75	45.87	1.63
LITTLE NESTUCCA	6.78	6.9	1.63
WILSON RIVER	40.36	40.99	1.63
FREMONT	67.04	67.31	1.63
NEHALEM	71.88	71.89	1.63
YAMHILL-NEWBERG	6.39	7.1	1.63
KLAMATH FALLS-MALIN	25.02	25.69	1.63
CRATER LAKE	19.76	19.78	1.63
HISTORIC COLUMBIA RIVER	7.64	7.86	1.63
FREMONT	50.54	52.79	1.63
GREEN SPRINGS	35.36	35.41	1.63
TUALATIN VALLEY	28.77	29.65	1.63
PENDLETON-COLD SPRINGS	7.05	8.81	1.63
SALEM-DAYTON	13.63	14.13	1.63
LA GRANDE-BAKER	48.13	48.57	1.63
AMITY-DAYTON	6.96	7.44	1.63
CRATER LAKE	35.64	35.7	1.63
ALSEA	10.81	11.14	1.63
FREMONT	29.26	30.14	1.63
HEPPNER	61.67	62.08	1.63
PENDLETON-COLD SPRINGS	27.87	28.51	1.63
WOODBURN-ESTACADA	5.15	6.59	1.63
HILLSBORO-SILVERTON	7.73	8.21	1.63
WILSON RIVER	37.64	38.24	1.63
YAMHILL-NEWBERG	1.62	1.76	1.63
WHITNEY	41.06	41.85	1.63
CRATER LAKE	22.13	22.24	1.63
FREMONT	47.73	47.8	1.63
WILSON RIVER	40.3	40.36	1.63
SALEM-DAYTON	2.72	3.58	1.63
LA GRANDE-BAKER	10.47	10.88	1.63
CASCADE HWY SOUTH	19.32	19.35	1.63

NECANICUM	16.82	17.62	1.63
ALBANY-JUNCTION CITY	12.32	12.36	1.63
ALSEA	42.16	42.25	1.63
FREMONT	67.8	69.06	1.63
HEPPNER	30.87	31.43	1.63
WHITNEY	48.11	48.6	1.63
WILSON RIVER	8.87	9.36	1.63
WOODBURN-ESTACADA	22.79	22.94	1.63
ALBANY-JUNCTION CITY	21.39	22.38	1.63
CRATER LAKE	22.87	23.02	1.63
AMITY-DAYTON	1.31	2.26	1.63
PACIFIC HIGHWAY WEST	46.74	47.52	1.63
BELLEVUE-HOPEWELL	12.68	13.02	1.63
HILLSBORO-SILVERTON	34.48	34.65	1.63
CRATER LAKE	62.96	63.04	1.63
NETARTS	6.1	6.26	1.63
HEPPNER	36.76	37.8	1.63
PACIFIC HIGHWAY EAST	38.06	38.33	1.63
PENDLETON-COLD SPRINGS	8.81	10.82	1.63
WOODBURN-ESTACADA	1.52	2.04	1.63
AMITY-DAYTON	5.08	5.76	1.63
NORTH UMPQUA HIGHWAY EAST	95.86	95.87	1.63
HEPPNER	19.59	20.41	1.63
CRATER LAKE	37.99	38.03	1.63
LA GRANDE-BAKER	54.11	54.46	1.63
PACIFIC HIGHWAY WEST	91.21	91.72	1.63
YAMHILL-NEWBERG	1.11	1.62	1.63
KLAMATH FALLS-MALIN	16.76	17.76	1.63
CASCADE HWY SOUTH	16.91	17.19	1.63
LA GRANDE-BAKER	54.18	54.36	1.63
FREMONT	95.74	96.82	1.63
WILSON RIVER	39.3	40.3	1.63
WOODBURN-ESTACADA	31.82	32.53	1.63
FREMONT	86.93	88.97	1.63
BELLEVUE-HOPEWELL HWY CONN	9.23	9.28	1.63
WAPINITIA	13.97	14.02	1.63
NORTH UMPQUA HIGHWAY EAST	97.83	99.55	1.63
LA GRANDE-BAKER	6.58	6.94	1.63
ALBANY-JUNCTION CITY	15.84	16.03	1.63
FREMONT	67.31	67.8	1.63
NEHALEM	6.91	7.15	1.63
HEPPNER	38.24	40.67	1.63
PACIFIC HIGHWAY EAST	37.88	38.06	1.63
PENDLETON-COLD SPRINGS	19.49	19.95	1.63
HILLSBORO-SILVERTON	9.68	10.05	1.63
CRATER LAKE	34.24	34.82	1.63
ALBANY-JUNCTION CITY	20.37	21.39	1.63
ALSEA	27.95	28.07	1.63
PACIFIC HIGHWAY WEST	40.96	41	1.63
BELLEVUE-HOPEWELL	3.98	4.57	1.63
HILLSBORO-SILVERTON	11.07	11.3	1.63
CRATER LAKE	37.89	37.99	1.63
FREMONT	34.42	35.46	1.63
ALSEA	31.92	33.09	1.63
PACIFIC HIGHWAY WEST	55.04	55.55	1.63
YAMHILL-NEWBERG	2.99	5.42	1.63
NORTH UMPQUA HIGHWAY EAST	20.12	20.31	1.63
FREMONT	47.35	47.4	1.63
ALSEA	46.4	46.7	1.63
PACIFIC HIGHWAY WEST	70.53	70.67	1.63
FREMONT	109.38	109.41	1.63
GREEN SPRINGS	53.64	54.44	1.63
ALSEA	38.11	38.3	1.63
WAPINITIA	13.69	13.97	1.63
NORTH UMPQUA HIGHWAY EAST	20.7	20.93	1.63
CASCADE HWY SOUTH	20.96	21.26	1.63
HILLSBORO-SILVERTON	41.57	42.35	1.63
CRATER LAKE	91.36	93.25	1.63
FREMONT	39.46	40.75	1.63
TUALATIN VALLEY	40.79	41.1	1.63
PACIFIC HIGHWAY WEST	57.58	57.65	1.63
WILSON RIVER	38.24	38.4	1.63
FREMONT	5.43	5.8	1.63
OREGON CAVES	2.43	2.69	1.63
BELLEVUE-HOPEWELL	3.94	3.98	1.63
CRATER LAKE	35.58	35.64	1.63
ALSEA	52.29	52.32	1.63

FREMONT	8.28	9.19	1.63
TUALATIN VALLEY	33.29	33.39	1.63
HEPPNER	28.75	30.37	1.63
PACIFIC HIGHWAY WEST	89.66	89.68	1.63
WOODBURN-ESTACADA	30.71	31.82	1.63
NECANICUM	17.71	17.96	1.63
CRATER LAKE	16.71	17.21	1.63
THREE RIVERS	23.36	23.84	1.63
KLAMATH FALLS-MALIN	25.71	25.77	1.63
BELLEVUE-HOPEWELL	12.27	12.48	1.63
WAPINITIA	20.98	21.25	1.63
HEPPNER	31.43	36.05	1.63
PENDLETON-COLD SPRINGS	26.01	26.05	1.63
CASCADE HWY SOUTH	27.28	27.41	1.63
HILLSBORO-SILVERTON	42.35	42.88	1.63
CRATER LAKE	25.68	26.65	1.63
TUALATIN VALLEY	36.09	36.13	1.63
LA GRANDE-BAKER	27.03	29.27	1.63
GREEN SPRINGS	9.18	9.21	1.63
NEHALEM	63.04	63.57	1.63
ALSEA	53.11	53.32	1.63
PACIFIC HIGHWAY WEST	102.22	103.18	1.63
YAMHILL-NEWBERG	8.4	8.72	1.63
WALLACE BRIDGE CONN. NO. 1	0.15	0.18	1.63
FREMONT	32.92	33.34	1.63
HEPPNER	41.56	44.18	1.63
PENDLETON-COLD SPRINGS	15.46	16.28	1.63
SALEM-DAYTON	9.53	9.55	1.63
OREGON CAVES	3.9	4.84	1.63
BELLEVUE-HOPEWELL	12.06	12.27	1.63
PACIFIC HIGHWAY WEST	69.72	70.53	1.63
HEPPNER	13.98	14.1	1.63
WHITNEY	43.6	44.96	1.63
PENDLETON-COLD SPRINGS	0.88	1.68	1.63
HISTORIC COLUMBIA RIVER	63.93	66.16	1.63
NETARTS	6.26	6.41	1.63
OREGON CAVES	2.69	3.17	1.63
SALEM-DAYTON	12.46	13.63	1.63
PACIFIC HIGHWAY WEST	67.9	69.41	1.63
LA GRANDE-BAKER	14.88	15.83	1.63
NORTH UMPQUA HIGHWAY EAST	94.43	94.81	1.63
NECANICUM	17.96	18.01	1.63
ALSEA	38.86	38.91	1.63
NELSON CREEK FRONTAGE ROAD	28.82	29.05	1.63
HISTORIC COLUMBIA RIVER	7.86	8.39	1.63
HILLSBORO-SILVERTON	5.45	5.54	1.63
ALSEA	55.42	55.45	1.63
PACIFIC HIGHWAY WEST	47.52	47.75	1.63
FREMONT	108.81	109.38	1.63
HEPPNER	3.4	3.88	1.63
CRATER LAKE	19.34	19.42	1.63
WILSON RIVER	38.95	39.3	1.63
LA GRANDE-BAKER	23.06	24.71	1.63
GREEN SPRINGS	9.21	11.94	1.63
ALSEA	53.32	53.52	1.63
FREMONT	90	93.53	1.63
YAMHILL-NEWBERG	6.07	6.39	1.63
CRATER LAKE	38.84	39.86	1.63
THREE RIVERS	3.35	3.4	1.63
FREMONT	47.51	47.55	1.63
TUALATIN VALLEY	23.84	24.63	1.63
HEPPNER	15.4	19.39	1.63
PACIFIC HIGHWAY WEST	49.72	50.63	1.63
PENDLETON-COLD SPRINGS	6.9	7.05	1.63
WOODBURN-ESTACADA	14.98	15.34	1.63
SALEM-DAYTON	5.49	6.16	1.63
CRATER LAKE	26.91	28.35	1.63
LAFAYETTE	5.11	6.01	1.63
ALSEA	1.76	1.82	1.63
PACIFIC HIGHWAY WEST	106.87	107.02	1.63
TUALATIN VALLEY	27.67	28.46	1.63
HEPPNER	0.23	3.03	1.63
PACIFIC HIGHWAY EAST	38.33	39.07	1.63
PENDLETON-COLD SPRINGS	20.14	20.21	1.63
CASCADE HWY SOUTH	28.09	28.2	1.63
NORTH UMPQUA HIGHWAY EAST	20.36	20.46	1.63
LA GRANDE-BAKER	26.43	27.03	1.63

DAIRY-BONANZA	0.77	1.62	1.63
PACIFIC HIGHWAY WEST	95.6	96.23	1.63
YAMHILL-NEWBERG	5.42	5.47	1.63
FISHHAWK FALLS	6.34	6.39	1.63
FREMONT	61.29	64.44	1.63
SALEM-DAYTON	3.58	4.15	1.63
PACIFIC HIGHWAY WEST	47.75	49.72	1.63
NORTH UMPQUA HIGHWAY EAST	20.31	20.36	1.63
WHITNEY	38.86	39.26	1.63
CASCADE HWY SOUTH	24.83	26.12	1.63
HILLSBORO-SILVERTON	33.06	34.48	1.63
NETARTS	0.95	0.99	1.63
WILSON RIVER	43.88	45.74	1.63
WOODBURN-ESTACADA	2.04	2.51	1.63
ALSEA	52.32	52.37	1.63
PACIFIC HIGHWAY WEST	88.77	89.66	1.63
SALEM-DAYTON	7.17	9.23	1.63
NECANICUM	0.72	0.74	1.63
CRATER LAKE	57.22	57.31	1.63
ALBANY-JUNCTION CITY	14.54	14.61	1.63
HISTORIC COLUMBIA RIVER	66.52	69.47	1.63
CROOKED CREEK FRONTAGE RD.	45.99	46.31	1.63
FREMONT	66.13	66.8	1.63
ALSEA	45.83	45.99	1.63
PENDLETON-COLD SPRINGS	29.04	29.25	1.63
OREGON CAVES	2.15	2.43	1.63
AMITY-DAYTON	6.66	6.71	1.63
NECANICUM	16.73	16.82	1.63
CRATER LAKE	19.42	19.51	1.63
PACIFIC HIGHWAY WEST	96.23	96.61	1.63
FREMONT	118.47	119.53	1.63
TUALATIN VALLEY	36.13	37.11	1.63
HEPPNER	53.71	53.91	1.63
HILLSBORO-SILVERTON	14.95	14.97	1.63
WILSON RIVER	9.36	10.84	1.63
LA GRANDE-BAKER	15.83	15.93	1.63
ALSEA	2.61	3.32	1.63
PACIFIC HIGHWAY WEST	54.39	55.04	1.63
WAPINITIA	15.28	15.54	1.63
CRATER LAKE	38.52	38.64	1.63
PUDDING RIVER FR. RD. CONN	1.52	1.55	1.63
FREMONT	53.73	53.97	1.63
HEPPNER	36.05	36.24	1.63
PACIFIC HIGHWAY WEST	57.78	57.81	1.63
WILSON RIVER	41.38	41.95	1.63
HISTORIC COLUMBIA RIVER	66.16	66.52	1.63
SALEM-DAYTON	1.28	1.96	1.63
LA GRANDE-BAKER	17.78	21.55	1.63
WILLAMINA-SHERIDAN	0.56	0.6	1.63
NECANICUM	15.13	15.8	1.63
ALSEA	38.3	38.64	1.63
TUALATIN VALLEY	30.38	31.04	1.63
HEPPNER	37.8	38.19	1.63
PACIFIC HIGHWAY EAST	24.52	24.67	1.63
PENDLETON-COLD SPRINGS	17.22	19.49	1.63
CASCADE HWY SOUTH	28.2	28.4	1.63
NETARTS	1.19	1.32	1.63
CRATER LAKE	19.25	19.34	1.63
KLAMATH FALLS-MALIN	20.15	20.65	1.63
PACIFIC HIGHWAY WEST	59.08	59.14	1.63
THREE RIVERS	23.84	23.97	1.63
FREMONT	23.14	23.96	1.63
HEPPNER	23.17	24.63	1.63
PACIFIC HIGHWAY EAST	34.6	34.97	1.63
WOODBURN-ESTACADA	22.61	22.79	1.63
HILLSBORO-SILVERTON	25.26	26.27	1.63
NORTH UMPQUA HIGHWAY EAST	20	20.12	1.63
NEHALEM	64.37	64.38	1.63
LA GRANDE-BAKER	36.9	37.98	1.63
THREE RIVERS	21.28	22.01	1.63
HISTORIC COLUMBIA RIVER	61.46	62.87	1.63
ALSEA	42.25	42.36	1.63
BELLEVUE-HOPEWELL	7.00E-02	2.11	1.63
HILLSBORO-SILVERTON	31.49	32.96	1.63
CRATER LAKE	63.09	64.64	1.63
LA GRANDE-BAKER	34.7	36.9	1.63
YAMHILL-NEWBERG	2.01	2.38	1.63

WAPINITIA	18.79	20.98	1.63
NORTH UMPQUA HIGHWAY EAST	21.15	21.19	1.63
CRATER LAKE	29.03	29.17	1.63
WOODBURN-ESTACADA	28.14	28.77	1.63
FREMONT	74.6	74.94	1.63
ALSEA	42.99	43.26	1.63
FREMONT	120.43	120.53	1.63
BELLEVUE-HOPEWELL	2.93	3.18	1.63
NORTH UMPQUA HIGHWAY EAST	91.74	91.78	1.63
ALBANY-JUNCTION CITY	12.63	14.33	1.63
KLAMATH FALLS-MALIN	22.04	23.04	1.63
GREEN SPRINGS	17.73	19.02	1.63
WHITNEY	1.13	1.89	1.63
PENDLETON-COLD SPRINGS	12.63	13.25	1.63
CRATER LAKE	14.57	15.16	1.63
NETARTS	7.58	7.85	1.63
CRATER LAKE	19.62	19.69	1.63
ALSEA	28.07	28.21	1.63
PACIFIC HIGHWAY WEST	41.12	41.61	1.63
FREMONT	33.34	34.42	1.63
BELLEVUE-HOPEWELL	11.48	11.65	1.63
HEPPNER	3.34	3.4	1.63
WHITNEY	47.31	48.11	1.63
CASCADE HWY SOUTH	18.09	19.32	1.63
HILLSBORO-SILVERTON	5.15	5.16	1.63
WILSON RIVER	45.74	46.77	1.63
WOODBURN-ESTACADA	15.34	15.47	1.63
GREEN SPRINGS	50.62	50.66	1.63
ALSEA	42.46	42.74	1.63
YAMHILL-NEWBERG	7.1	7.92	1.63
TERRITORIAL	35.96	37.11	1.63
MEDICAL SPRINGS	20.37	20.7	1.63
HEPPNER-SPRAY	2.87	5.31	1.63
HUNTINGTON	9.98	10.52	1.63
SILVER CREEK FALLS	17.49	18.26	1.63
WASCO-HEPPNER	69.35	73.33	1.63
VALE-WEST	0.48	0.74	1.63
HALSEY-SWEET HOME	19.56	19.76	1.63
WARNER	0.83	1.51	1.63
HOMEDALE SPUR	22.23	22.24	1.63
ROGUE RIVER LOOP	6.69	7.19	1.63
PAULINA	10.55	12.34	1.63
SAMS VALLEY	15.39	15.81	1.63
ALBANY-LYONS	19.65	20.51	1.63
WESTON-ELGIN	21.72	22.54	1.63
SUMPTER	1.56	1.59	1.63
ADRIAN-CALDWELL	4.39	5.09	1.63
INDEPENDENCE	4.09	4.37	1.63
ANTELOPE	12.24	12.28	1.63
ATHENA-HOLDMAN	6.00E-02	0.28	1.63
LEXINGTON-ECHO	6.48	6.49	1.63
STEENS	23.12	23.7	1.63
SILVER CREEK FALLS	11.61	11.89	1.63
TERRITORIAL	4.39	5.82	1.63
MADRAS-PRINEVILLE	17.94	18.4	1.63
SUCCOR CREEK	18.92	19.92	1.63
CRESCENT LAKE	0.36	0.49	1.63
WESTON-ELGIN	15.2	15.32	1.63
O NEIL	1.5	1.63	1.63
HOOD RIVER	13.46	13.89	1.63
KINGS VALLEY	17.44	17.69	1.63
HERMISTON	2.00E-02	0.81	1.63
LEXINGTON-ECHO	10.11	10.12	1.63
STEENS	18.73	20.66	1.63
KIMBERLY-LONG CREEK	2.98	5.05	1.63
WASCO-HEPPNER	3.24	3.68	1.63
HALSEY-SWEET HOME	13.08	13.15	1.63
COVE	2.67	4.2	1.63
SHERARS BRIDGE	18.59	21.31	1.63
MEDICAL SPRINGS	22.9	23.01	1.63
MADRAS-PRINEVILLE	17.73	17.94	1.63
JEFFERSON	2.07	2.45	1.63
FRENCHGLEN	10.5	10.52	1.63
SERVICE CREEK-MITCHELL	8.53	8.79	1.63
COVE	9.9	11.27	1.63
WESTON-ELGIN	3.76	5.34	1.63
OLDS FERRY-ONTARIO	3.16	3.67	1.63

MONMOUTH	1.14E-13	0.34	1.63
ANTELOPE	0.85	1	1.63
MEDICAL SPRINGS	8.66	8.78	1.63
HEPPNER-SPRAY	16.6	18.21	1.63
HUNTINGTON	10.83	11.04	1.63
SAMS VALLEY	6.38	6.39	1.63
WEST DIAMOND LAKE	1.14E-13	0.9	1.63
SILVER CREEK FALLS	18.26	18.64	1.63
WASCO-HEPPNER	73.44	73.48	1.63
WARNER	5.81	5.85	1.63
ROGUE RIVER LOOP	9.97	10.17	1.63
ALBANY-LYONS	11.47	11.63	1.63
UKIAH-HILGARD	3.27	4.63	1.63
WESTON-ELGIN	7.92	8.04	1.63
KIMBERLY-LONG CREEK	1.76	2.98	1.63
ADRIAN-ARENA VALLEY	1.14E-13	3.00E-02	1.63
HOOD RIVER	4.14	4.39	1.63
KINGS VALLEY	31.18	31.29	1.63
HERMISTON	12.59	12.72	1.63
LEXINGTON-ECHO	34.42	34.79	1.63
GOSHEN-DIVIDE	2.25	3.26	1.63
SUMPTER	1.18	1.35	1.63
WASCO-HEPPNER	1.93	3.24	1.63
ELKTON-SUTHERLIN	8.11	8.2	1.63
HALSEY-SWEET HOME	7.39	8.28	1.63
SUCCOR CREEK	4.16	5.11	1.63
CRESCENT LAKE	0.22	0.23	1.63
CARPENTERVILLE	359.83	361	1.63
WESTON-ELGIN	12.15	12.22	1.63
POWERS	2.7	2.81	1.63
SISKIYOU	8.62	8.73	1.63
RICKREALL CONN.	3.35	3.89	1.63
SILVER CREEK FALLS	10.24	10.36	1.63
FRENCHGLEN	10.52	11.38	1.63
SERVICE CREEK-MITCHELL	14.62	21.75	1.63
THOMAS CREEK FRONTAGE RD.	12.53	12.82	1.63
SHERARS BRIDGE	7.82	8.3	1.63
WASCO-HEPPNER	10.8	11.52	1.63
MEDICAL SPRINGS	1.88	1.9	1.63
O NEIL	2.61	3.29	1.63
SUCCOR CREEK	3.11	3.24	1.63
WARNER	49.77	50.85	1.63
ROGUE RIVER LOOP	12.4	12.78	1.63
O NEIL	15.68	16.29	1.63
UKIAH-HILGARD	30.09	30.24	1.63
POWERS	1.81	1.89	1.63
JACKSONVILLE	13.79	16.27	1.63
SUNNYSIDE-UMAPINE	3.47	3.72	1.63
LEXINGTON-ECHO	3.87	4.58	1.63
GOSHEN-DIVIDE	19.12	19.25	1.63
FRENCHGLEN	38.72	40.65	1.63
KIMBERLY-LONG CREEK	23.58	25.55	1.63
WASCO-HEPPNER	63.98	65.67	1.63
HALSEY-SWEET HOME	12.91	12.98	1.63
LITTLE SHEEP CREEK	8.89	16.33	1.63
MEDICAL SPRINGS	36.27	37.48	1.63
MAPLETON-JUNCTION CITY	8.11	8.17	1.63
STEENS	82.11	83.14	1.63
ELKTON-SUTHERLIN	20.72	20.96	1.63
SILVER CREEK FALLS	18.64	18.69	1.63
CELILO-WASCO	11.17	12.02	1.63
SPRINGFIELD-CRESWELL	5.31	5.46	1.63
WARNER	17.27	17.69	1.63
SERVICE CREEK-MITCHELL	1.14E-13	0.32	1.63
WESTON-ELGIN	26.45	26.59	1.63
HALFWAY-CORNUCOPIA	7.53	8.41	1.63
OLDS FERRY-ONTARIO	13	13.62	1.63
HOOD RIVER	4.85	5.09	1.63
INDEPENDENCE	0.61	1.39	1.63
SHANIKO-FOSSIL	8.12	11.79	1.63
ALSEA-DEADWOOD	3.84	3.96	1.63
HAVANA-HELIX	6.56	7.57	1.63
LEXINGTON-ECHO	13.27	13.52	1.63
STEENS	51.04	51.83	1.63
SAMS VALLEY	15.81	16.18	1.63
SILVER CREEK FALLS	10.09	10.22	1.63
WASCO-HEPPNER	78.27	78.45	1.63

VALE-WEST	0.74	1.06	1.63
WARNER	5.85	6.21	1.63
ROGUE RIVER LOOP	19.24	19.79	1.63
WESTON-ELGIN	15.6	15.74	1.63
SUMPTER	2.56	2.71	1.63
ADRIAN-CALDWELL	0.25	0.29	1.63
HOOD RIVER	15.06	15.67	1.63
KINGS VALLEY	24.85	25.02	1.63
ATHENA-HOLDMAN	6.48	7.4	1.63
LEXINGTON-ECHO	23.9	24.48	1.63
FRENCHGLEN	22.27	23.87	1.63
WASCO-HEPPNER	9.06	9.42	1.63
SUCCOR CREEK	1.61	1.86	1.63
CARPENTERVILLE	343.42	347.18	1.63
SHANIKO-FOSSIL	29.37	33.85	1.63
SISKIYOU	7.5	7.61	1.63
SILVER CREEK FALLS	38.07	38.11	1.63
CELILO-WASCO	0.21	2.74	1.63
SPRINGFIELD-CRESWELL	12.82	13.27	1.63
WARNER	1.51	1.75	1.63
PAULINA	54.04	54.12	1.63
ALBANY-LYONS	6.12	6.76	1.63
LITTLE SHEEP CREEK	16.33	23.3	1.63
SUNNYSIDE-UMAPINE	6.05	6.18	1.63
SHERARS BRIDGE	3.97	4.7	1.63
WASCO-HEPPNER	9.42	9.76	1.63
MEDICAL SPRINGS	29.02	35.55	1.63
HEPPNER-SPRAY	35.84	37.87	1.63
HUNTINGTON	0.48	0.57	1.63
ELKTON-SUTHERLIN	18.45	19.13	1.63
SILVER CREEK FALLS	34.98	36.05	1.63
CELILO-WASCO	0.22	0.28	1.63
WARNER	1.8	3.29	1.63
PARMA SPUR	15.23	15.26	1.63
ALBANY-LYONS	10.98	11.23	1.63
WESTON-ELGIN	26.78	27.4	1.63
SUMPTER	9.00E-02	0.14	1.63
COQUILLE-BANDON	0.95	1.05	1.63
ADRIAN-ARENA VALLEY	0.99	1.74	1.63
MONMOUTH	0.98	1.95	1.63
SHANIKO-FOSSIL	40.91	42.3	1.63
MAPLETON-JUNCTION CITY	47.41	47.5	1.63
STEENS	73.06	74.28	1.63
ELKTON-SUTHERLIN	21.11	21.49	1.63
EDDYVILLE-BLODGETT	2.42	3.84	1.63
TERRITORIAL	12.2	12.75	1.63
O NEIL	2.11	2.36	1.63
WARNER	42.2	43.74	1.63
CARPENTERVILLE	342.01	342.25	1.63
JACKSONVILLE	27.8	28.44	1.63
CELILO-WASCO	10.3	11.1	1.63
WARNER	11.74	12.76	1.63
CELILO-WASCO SPUR	7.28	7.3	1.63
ROGUE RIVER LOOP	7.68	8.08	1.63
PAULINA	2.77	3.27	1.63
COVE	21.07	21.83	1.63
WESTON-ELGIN	26.6	26.78	1.63
DOOLEY MOUNTAIN	2.79	5.23	1.63
COQUILLE-BANDON	8.98	9.01	1.63
OLDS FERRY-ONTARIO	11.69	11.83	1.63
CLARNO FRONTAGE RD.	23.33	23.51	1.63
ATHENA-HOLDMAN	5.48	6.48	1.63
LEXINGTON-ECHO	2.46	3.87	1.63
STEENS	0.7	1.73	1.63
SAMS VALLEY	13.17	13.83	1.63
ELKTON-SUTHERLIN	8.2	8.97	1.63
SILVER CREEK FALLS	13.85	14.55	1.63
SUCCOR CREEK	6.24	6.52	1.63
WARNER	62.16	62.72	1.63
ROGUE RIVER LOOP	11.12	11.97	1.63
ALBANY-LYONS	7.2	8.1	1.63
UKIAH-HILGARD	35.19	35.97	1.63
HALFWAY-CORNUCOPIA	8.79	8.91	1.63
OLDS FERRY-ONTARIO	6.09	9.03	1.63
HOOD RIVER	5.49	6.11	1.63
KINGS VALLEY	30.68	31.18	1.63
HERMISTON	12.4	12.44	1.63

MAPLETON-JUNCTION CITY	6.84	6.95	1.63
FRENCHGLEN	1.14E-13	2.03	1.63
KIMBERLY-LONG CREEK	8.98	9.62	1.63
WASCO-HEPPNER	1.14E-13	5.00E-02	1.63
DOOLEY MOUNTAIN	1.94	2.46	1.63
OLDS FERRY-ONTARIO	0.62	3.16	1.63
SHANIKO-FOSSIL	23.14	23.33	1.63
UKIAH-HILGARD	36.7	39.52	1.63
JEFFERSON	2.77	3.63	1.63
CELILO-WASCO	11.1	11.17	1.63
FRENCHGLEN	40.65	40.86	1.63
PAULINA	42.03	43.37	1.63
WESTON CONNECTION NO. 1	0.46	0.62	1.63
SHERARS BRIDGE	24.74	25.71	1.63
WASCO-HEPPNER	45.76	51.98	1.63
ELKTON-SUTHERLIN	12.11	12.2	1.63
MEDICAL SPRINGS	38.51	38.75	1.63
HEPPNER-SPRAY	19.35	21.71	1.63
MAPLETON-JUNCTION CITY	46.63	47.31	1.63
HUNTINGTON	5.16	5.2	1.63
ELKTON-SUTHERLIN	12.7	13.29	1.63
WASCO-HEPPNER	73.33	73.44	1.63
WARNER	4.24	5.37	1.63
ROGUE RIVER LOOP	10.17	10.53	1.63
PAULINA	12.34	16.48	1.63
ALBANY-LYONS	8.23	8.57	1.63
COVE	14.48	15.96	1.63
WESTON-ELGIN	10.09	10.53	1.63
SUMPTER	1.59	1.81	1.63
OLDS FERRY-ONTARIO	1.14E-13	0.25	1.63
MONMOUTH	2.41	4.71	1.63
ANTELOPE	0.79	0.795322014	1.63
HAVANA-HELIX	5.55	6.56	1.63
LEXINGTON-ECHO	13.52	13.9	1.63
STEENS	11.45	13.58	1.63
SAMS VALLEY	12.8	13.17	1.63
ELKTON-SUTHERLIN	20.96	21.11	1.63
SILVER CREEK FALLS	38.35	38.54	1.63
SUCCOR CREEK	9.64	10.15	1.63
WARNER	50.85	53.43	1.63
CARPENTERVILLE	342.25	343.42	1.63
HOOD RIVER	4.69	4.85	1.63
HERMISTON CONN. NO. 2	12.59	12.62	1.63
GOSHEN-DIVIDE	19.25	19.51	1.63
STEENS	23.7	24.54	1.63
WASCO-HEPPNER	-0.16	-9.00E-02	1.63
HALSEY-SWEET HOME	2.46	2.53	1.63
DOOLEY MOUNTAIN	10.33	10.53	1.63
CARPENTERVILLE	338.49	338.58	1.63
OLDS FERRY-ONTARIO	-2.00E-02	1.14E-13	1.63
SHERARS BRIDGE	16.34	16.36	1.63
MEDICAL SPRINGS	23.58	24.18	1.63
WESTON-ELGIN	39.53	39.56	1.63
HUNTINGTON	10.52	10.66	1.63
JACKSONVILLE	11.87	12.75	1.63
SILVER CREEK FALLS	37.99	38.07	1.63
N. JEFFERSON CONN. NO. 1	0.2	0.23	1.63
WESTON-ELGIN	12.22	12.33	1.63
SUNNYSIDE-UMAPINE	1.14E-13	0.58	1.63
LEXINGTON-ECHO	22.45	23.9	1.63
GOSHEN-DIVIDE	19.51	19.55	1.63
STEENS	83.22	87.88	1.63
KIMBERLY-LONG CREEK	22.62	23.58	1.63
WASCO-HEPPNER	35.69	36.13	1.63
HALSEY-SWEET HOME	13.55	13.75	1.63
CARPENTERVILLE	350.04	350.85	1.63
SHANIKO-FOSSIL	4.00E-02	0.1	1.63
ALSEA-DEADWOOD	9.43	9.49	1.63
CHANDLER LN. CONN NO. 2	38.66	38.72	1.63
JACKSONVILLE	13.78	13.79	1.63
SILVER CREEK FALLS	15.54	15.59	1.63
SPRINGFIELD-CRESWELL	5.79	6.6	1.63
FRENCHGLEN	15.26	16.23	1.63
PAULINA	16.48	16.88	1.63
COVE	1.72	2.67	1.63
SUNNYSIDE-UMAPINE	5.93	6.05	1.63
COQUILLE-BANDON	0.17	0.44	1.63

OLDS FERRY-ONTARIO	14.84	16.01	1.63
SHERARS BRIDGE	8.35	13.34	1.63
WASCO-HEPPNER	54.65	54.86	1.63
MAPLETON-JUNCTION CITY	47.5	47.6	1.63
MEDICAL SPRINGS	24.68	25.76	1.63
HEPPNER-SPRAY	8.67	11.44	1.63
STEENS	47.25	51.04	1.63
JACKSONVILLE	24.21	24.4	1.63
SILVER CREEK FALLS	37.53	37.99	1.63
WASCO-HEPPNER	20.15	20.29	1.63
WARNER	3.33	4.24	1.63
ROGUE RIVER LOOP	16.35	16.71	1.63
ALBANY-LYONS	1.14E-13	0.77	1.63
COVE	4.2	6.97	1.63
WESTON-ELGIN	-1.12	-1.05	1.63
ADRIAN-CALDWELL	3.53	3.93	1.63
TERRITORIAL	2.03	2.12	1.63
THE DALLES-CALIF HWY CONN.	0.79	0.83	1.63
ATHENA-HOLDMAN	10.82	12.83	1.63
STEENS	89.93	91.16	1.63
SAMS VALLEY	5.17	5.5	1.63
ELKTON-SUTHERLIN	9.81	10.53	1.63
SUCCOR CREEK	5.11	5.19	1.63
CRESCENT LAKE	0.23	0.27	1.63
CARPENTERVILLE	358.9	359.08	1.63
UKIAH-HILGARD	29.59	30.09	1.63
WESTON-ELGIN	15.32	15.36	1.63
POWERS	2.29	2.4	1.63
WILLIAMS CR. FRONTAGE RD.	12.89	13.06	1.63
HERMISTON	0.81	1.46	1.63
LEXINGTON-ECHO	8.06	9.89	1.63
STEENS	24.54	24.67	1.63
WASCO-HEPPNER	66.42	67.85	1.63
LITTLE SHEEP CREEK	1.31	2.05	1.63
DOOLEY MOUNTAIN	0.27	1.94	1.63
CARPENTERVILLE	356.83	356.88	1.63
OLDS FERRY-ONTARIO	0.24	0.41	1.63
SHERARS BRIDGE	1.14E-13	0.21	1.63
WASCO-HEPPNER	38.13	39.08	1.63
MEDICAL SPRINGS	28.29	29.02	1.63
HEPPNER-SPRAY	23.56	24.65	1.63
JACKSONVILLE	13.7	13.78	1.63
SILVER CREEK FALLS	19.35	19.42	1.63
LEXINGTON-ECHO	13.9	15.15	1.63
FRENCHGLEN	28.88	29.5	1.63
CELILO-WASCO SPUR	4.8	7.28	1.63
HALSEY-SWEET HOME	12.98	13.08	1.63
WESTON-ELGIN	5.76	6.58	1.63
DOOLEY MOUNTAIN	5.3	5.5	1.63
COQUILLE-BANDON	1.22	1.27	1.63
OLDS FERRY-ONTARIO	10.62	11.65	1.63
ANTELOPE	0.71	0.79	1.63
TERRITORIAL	33.06	33.98	1.63
ELKTON-SUTHERLIN	7.27	7.56	1.63
EDDYVILLE-BLODGETT	14.21	14.24	1.63
SILVER CREEK FALLS	29.41	30.06	1.63
TERRITORIAL	2.37	3.1	1.63
WASCO-HEPPNER	-0.43	-0.4	1.63
WARNER	12.76	15.79	1.63
CARPENTERVILLE	361	361.45	1.63
PAULINA	33	33.39	1.63
ALBANY-LYONS	18.99	19.07	1.63
WESTON-ELGIN	19.35	19.43	1.63
LEXINGTON-ECHO	0.62	0.74	1.63
SPRINGFIELD-CRESWELL	5.52	5.79	1.63
FRENCHGLEN	61.31	63.32	1.63
PAULINA	51.02	54.04	1.63
CLACKAMAS	26.62	26.63	1.63
WESTON-ELGIN	37.06	37.47	1.63
COQUILLE-BANDON	0.67	0.76	1.63
TERRITORIAL	16.4	17.11	1.63
THE DALLES-CALIF HWY CONN.	0.79	0.799	1.63
MEDICAL SPRINGS	11.4	12.78	1.63
HEPPNER-SPRAY	18.21	19.35	1.63
MAPLETON-JUNCTION CITY	49.64	50.25	1.63
WEST DIAMOND LAKE	1.75	3.12	1.63
SILVER CREEK FALLS	37.5	37.53	1.63

WASCO-HEPPNER	0.11	0.17	1.63
VALE-WEST	4.92	5.59	1.63
WARNER	65.17	65.28	1.63
ALBANY-LYONS	18.58	18.63	1.63
UKIAH-HILGARD	2.23	3.27	1.63
KIMBERLY-LONG CREEK	1.14E-13	1.76	1.63
ADRIAN-CALDWELL	1	1.43	1.63
HOOD RIVER	5.09	5.49	1.63
KINGS VALLEY	7.34	7.42	1.63
HAVANA-HELIX	8.83	8.87	1.63
STEENS	60.88	65.18	1.63
ELKTON-SUTHERLIN	0.63	1.66	1.63
ROGUE RIVER LOOP	9.52	9.97	1.63
WESTON-ELGIN	9.48	10.05	1.63
JACKSONVILLE	16.27	17.97	1.63
RICKREALL CONN.	3.89	4.1	1.63
HERMISTON	2.17	2.87	1.63
LEXINGTON-ECHO	5	6.1	1.63
STEENS	22.72	23.12	1.63
WASCO-HEPPNER	15.05	15.09	1.63
COVE	17.66	19.32	1.63
CHILOQUIN	2.00E-02	0.16	1.63
CARPENTERVILLE	336.43	337.06	1.63
SHERARS BRIDGE	26.75	27.75	1.63
WASCO-HEPPNER	0.24	0.86	1.63
MEDICAL SPRINGS	37.48	38.23	1.63
ELKTON-SUTHERLIN	15.69	16.68	1.63
SILVER CREEK FALLS	37.44	37.5	1.63
CELILO-WASCO	14.06	14.62	1.63
FRENCHGLEN	23.92	23.93	1.63
WEISER SPUR	11.65	11.77	1.63
PAULINA	49.22	51.02	1.63
HALSEY-SWEET HOME	8.28	8.84	1.63
DOOLEY MOUNTAIN	5.5	7.12	1.63
OLDS FERRY-ONTARIO	3.74	6.09	1.63
HOOD RIVER	4.61	4.69	1.63
INDEPENDENCE	0.33	0.61	1.63
SHANIKO-FOSSIL	33.85	37.33	1.63
TERRITORIAL	37.11	37.77	1.63
HAVANA-HELIX	4.52	5.55	1.63
LEXINGTON-ECHO	19.76	19.9	1.63
STEENS	24.67	26.69	1.63
SAMS VALLEY	4.46	4.85	1.63
ELKTON-SUTHERLIN	6.46	6.6	1.63
TERRITORIAL	3.1	3.85	1.63
O NEIL	0.86	1.5	1.63
SUCCOR CREEK	19.92	20.11	1.63
WARNER	53.43	56.48	1.63
SNAKE RIVER CORR INST	1.14E-13	0.84	1.63
ROGUE RIVER LOOP	9.3	9.52	1.63
WESTON-ELGIN	8.04	8.6	1.63
KIMBERLY-LONG CREEK	6.24	8.46	1.63
OLDS FERRY-ONTARIO	23.17	23.54	1.63
SISKIYOU	6.57	6.62	1.63
WASCO-HEPPNER	-0.4	-0.33	1.63
HUNTINGTON	0.4	0.44	1.63
CHILOQUIN	1.14E-13	2.00E-02	1.63
SHANIKO-FOSSIL	22.75	22.86	1.63
MEDICAL SPRINGS	14.07	15.97	1.63
WESTON-ELGIN	35.48	35.54	1.63
SISKIYOU	12.02	12.36	1.63
JEFFERSON	2.45	2.77	1.63
SUNNYSIDE-UMAPINE	2.97	3.47	1.63
CELILO-WASCO	1.14E-13	0.19	1.63
FRENCHGLEN	16.23	21.27	1.63
PAULINA	20.55	20.75	1.63
POWERS	7.63	9.71	1.63
ADRIAN-ARENA VALLEY	1.74	2.24	1.63
ATHENA-HOLDMAN	14.42	15.5	1.63
GOSHEN-DIVIDE	10.03	10.36	1.63
FRENCHGLEN	33.7	33.88	1.63
KIMBERLY-LONG CREEK	17.05	19.04	1.63
WASCO-HEPPNER	4.72	5.1	1.63
HALSEY-SWEET HOME	6.81	7.39	1.63
SISKIYOU	7.61	7.62	1.63
JEFFERSON	0.2	0.31	1.63
LEXINGTON-ECHO	0.78	1.43	1.63

SPRINGFIELD-CRESWELL	5.46	5.52	1.63
FRENCHGLEN	32.7	33.09	1.63
SERVICE CREEK-MITCHELL	0.65	5.52	1.63
ALBANY-LYONS	18.07	18.58	1.63
LITTLE SHEEP CREEK	2.07	2.09	1.63
SUNNYSIDE-UMAPINE	5.74	5.93	1.63
SHERARS BRIDGE	14.73	16.08	1.63
WASCO-HEPPNER	6.55	6.69	1.63
ALSEA-DEADWOOD	1.31	1.41	1.63
MAPLETON-JUNCTION CITY	46.55	46.57	1.63
MEDICAL SPRINGS	20.35	20.37	1.63
HEPPNER-SPRAY	1.14E-13	2.87	1.63
STEENS	45.21	45.35	1.63
JACKSONVILLE	22.88	23.17	1.63
MADISON RD. CONN.	6.46	6.53	1.63
SILVER CREEK FALLS	14.58	14.61	1.63
CELILO-WASCO	15.35	15.42	1.63
HALSEY-SWEET HOME	13.21	13.28	1.63
WARNER	7.32	7.88	1.63
WEISER SPUR	12.19	12.29	1.63
ROGUE RIVER LOOP	16.02	16.35	1.63
PAULINA	29.29	30.2	1.63
WESTON-ELGIN	35.6	36.66	1.63
HALFWAY-CORNUCOPIA	5.68	6.11	1.63
COQUILLE-BANDON	13.98	13.99	1.63
TERRITORIAL	11.86	12.2	1.63
SHANIKO-FOSSIL	39.31	40.61	1.63
SAMS VALLEY	7.26	8.27	1.63
ELKTON-SUTHERLIN	19.48	19.63	1.63
SILVER CREEK FALLS	10.66	10.78	1.63
CARPENTERVILLE	358.18	358.9	1.63
WESTON-ELGIN	15.15	15.2	1.63
ADRIAN-ARENA VALLEY	0.51	0.99	1.63
HOOD RIVER	10.68	11.44	1.63
KINGS VALLEY	16.79	17.38	1.63
HERMISTON	11.34	11.52	1.63
LEXINGTON-ECHO	17.74	18.42	1.63
GOSHEN-DIVIDE	18.19	19.12	1.63
FRENCHGLEN	22.18	22.27	1.63
WASCO-HEPPNER	73.53	78.27	1.63
HUNTINGTON	0.57	2.8	1.63
MIDLAND	3.92	4.39	1.63
CARPENTERVILLE	349.11	350.04	1.63
OLDS FERRY INTCHG. CONN.	2.00E-02	0.14	1.63
SHANIKO-FOSSIL	2.00E-02	4.00E-02	1.63
UKIAH-HILGARD	28.3	29.09	1.63
HUNTINGTON	2.83	3.26	1.63
SISKIYOU	7.28	7.49	1.63
JEFFERSON	0.7	1.1	1.63
FRENCHGLEN	33.09	33.7	1.63
SERVICE CREEK-MITCHELL	12.86	14.62	1.63
LITTLE SHEEP CREEK	5.86	8.07	1.63
SUNNYSIDE-UMAPINE	2.21	2.97	1.63
HALFWAY-CORNUCOPIA	6.86	6.94	1.63
COQUILLE-BANDON	0.9	0.95	1.63
OLDS FERRY-ONTARIO	11.67	11.69	1.63
SHERARS BRIDGE	25.79	26.75	1.63
WASCO-HEPPNER	5.1	6.55	1.63
MEDICAL SPRINGS	24.18	24.43	1.63
JOHN DAY HWY CONN.	40.92	40.98	1.63
STEENS	22.34	22.72	1.63
JACKSONVILLE	17.97	18	1.63
ELKTON-SUTHERLIN	4.59	5.18	1.63
WASCO-HEPPNER	45.6	45.76	1.63
VALE-WEST	2.64	3.61	1.63
WARNER	1.75	1.76	1.63
ALBANY-LYONS	8.57	9.12	1.63
HALFWAY-CORNUCOPIA	8.91	8.98	1.63
MONMOUTH	0.39	0.98	1.63
SHANIKO-FOSSIL	24.35	24.58	1.63
LITTLE SHEEP CREEK	3.91	4.43	1.63
DOOLEY MOUNTAIN	35.58	36.62	1.63
COQUILLE-BANDON	1.09	1.22	1.63
OLDS FERRY-ONTARIO	22.31	23.17	1.63
SHERARS BRIDGE	16.36	18.14	1.63
WASCO-HEPPNER	8.00E-02	0.11	1.63
MEDICAL SPRINGS	19.95	20.35	1.63

MAPLETON-JUNCTION CITY	50.25	50.79	1.63
STEENS	91.16	91.4	1.63
ELKTON-SUTHERLIN	19.7	20.48	1.63
SILETZ	24.93	24.96	1.63
SILVER CREEK FALLS	37.19	37.44	1.63
WASCO-HEPPNER	15.16	20.15	1.63
VALE-WEST	3.61	4.66	1.63
WARNER	5.68	5.81	1.63
HOMEDALE SPUR	20.72	21.76	1.63
ROGUE RIVER LOOP	8.14	8.4	1.63
PAULINA	3.27	7.05	1.63
ALBANY-LYONS	4.3	4.31	1.63
COVE	19.32	20.33	1.63
WESTON-ELGIN	24.23	24.34	1.63
SUMPTER	1.14E-13	9.00E-02	1.63
POWERS	2.81	3.26	1.63
HOOD RIVER	4.39	4.61	1.63
INDEPENDENCE	3.79	4.09	1.63
SHANIKO-FOSSIL	7.61	7.67	1.63
HEPPNER-SPRAY	11.66	14.53	1.63
STEENS	20.66	21.65	1.63
SAMS VALLEY	14.97	15.39	1.63
ELKTON-SUTHERLIN	7.02	7.03	1.63
TERRITORIAL	5.82	6.07	1.63
ROGUE RIVER LOOP	5.75	6	1.63
WESTON-ELGIN	2.93	3.76	1.63
SISKIYOU	7.49	7.5	1.63
HERMISTON	11.74	11.89	1.63
LEXINGTON-ECHO	19.9	19.91	1.63
GOSHEN-DIVIDE	10.59	10.68	1.63
STEENS	16.71	18.73	1.63
WASCO-HEPPNER	59.66	61.72	1.63
HALSEY-SWEET HOME	13.28	13.55	1.63
CARPENTERVILLE	359.21	359.72	1.63
SHANIKO-FOSSIL	7.96	8	1.63
WESTON-ELGIN	19.09	19.21	1.63
KINGS VALLEY	21.06	21.08	1.63
JEFFERSON	1.14E-13	0.23	1.63
CELILO-WASCO	9.12	10.3	1.63
SPRINGFIELD-CRESWELL	5.11	5.29	1.63
FRENCHGLEN	53.05	53.12	1.63
SERVICE CREEK-MITCHELL	21.75	22.85	1.63
ALBANY-LYONS	3.99	4.3	1.63
LITTLE SHEEP CREEK	26.2	28.12	1.63
BAKER-COPPERFIELD HWY CONN	0.79	0.91	1.63
OLDS FERRY-ONTARIO	23.98	24	1.63
MEDICAL SPRINGS	1.9	6.87	1.63
HEPPNER-SPRAY	37.87	38.83	1.63
HUNTINGTON	0.33	0.38	1.63
ELKTON-SUTHERLIN	21.49	21.72	1.63
SILVER CREEK FALLS	36.86	37.19	1.63
WASCO-HEPPNER	54.86	59.66	1.63
VALE-WEST	6.65	7.66	1.63
WARNER	32.69	33.24	1.63
ROGUE RIVER LOOP	20.87	22.21	1.63
SAMS VALLEY	14.66	14.97	1.63
ALBANY-LYONS	16.12	16.47	1.63
UKIAH-HILGARD	30.81	31	1.63
COQUILLE-BANDON	0.76	0.87	1.63
ADRIAN-CALDWELL	1.53	1.98	1.63
HOOD RIVER	7.24	7.33	1.63
ATHENA-HOLDMAN	10.81	10.82	1.63
HEPPNER-SPRAY	11.44	11.63	1.63
STEENS	37.79	39.8	1.63
ELKTON-SUTHERLIN	5.18	6.22	1.63
EDDYVILLE-BLODGETT	14.24	14.41	1.63
SILVER CREEK FALLS	13.21	13.22	1.63
O NEIL	3.84	4.09	1.63
SUCCOR CREEK	1.33	1.46	1.63
ROGUE RIVER LOOP	6	6.46	1.63
UKIAH-HILGARD	35.97	36.7	1.63
WESTON-ELGIN	11.36	11.63	1.63
POWERS	2.4	2.45	1.63
SISKIYOU	3.53	6.57	1.63
KINGS VALLEY	9.95	10.94	1.63
SILVER CREEK FALLS	15.65	17.46	1.63
HERMISTON	12.72	12.97	1.63

FRENCHGLEN	63.72	65.48	1.63
KIMBERLY-LONG CREEK	5.05	5.15	1.63
WASCO-HEPPNER	82.31	82.36	1.63
HALSEY-SWEET HOME	10.61	11.21	1.63
LITTLE SHEEP CREEK	5.81	5.86	1.63
LEXINGTON-ECHO	27.24	29.52	1.63
SAMS VALLEY	12.75	12.8	1.63
ELKTON-SUTHERLIN	12.44	12.7	1.63
O NEIL	15.13	15.53	1.63
SUCCOR CREEK	1.46	1.61	1.63
CRESCENT LAKE	8.00E-02	0.22	1.63
ROGUE RIVER LOOP	8.4	8.71	1.63
O NEIL	1.86	2.11	1.63
UKIAH-HILGARD	29.09	29.59	1.63
WESTON-ELGIN	18.45	18.64	1.63
MADRAS-PRINEVILLE	16.3	16.78	1.63
POWERS	2.45	2.61	1.63
HERMISTON	11.52	11.74	1.63
LEXINGTON-ECHO	4.58	5	1.63
GOSHEN-DIVIDE	10.68	10.74	1.63
WASCO-HEPPNER	31.87	32.54	1.63
HALSEY-SWEET HOME	2.34	2.46	1.63
LITTLE SHEEP CREEK	2.55	3.91	1.63
CARPENTERVILLE	347.18	348.67	1.63
SHERARS BRIDGE	0.21	3.97	1.63
MEDICAL SPRINGS	38.47	38.51	1.63
WESTON-ELGIN	12.33	12.7	1.63
HUNTINGTON	2.8	2.83	1.63
SISKIYOU	8.75	9	1.63
RICKREALL CONN.	4.1	4.18	1.63
SILVER CREEK FALLS	15.59	15.65	1.63
CELILO-WASCO	3.18	4.72	1.63
FRENCHGLEN	68.56	70.77	1.63
PAULINA	19.45	20.55	1.63
COVE	9.79	9.9	1.63
WESTON-ELGIN	24.08	24.23	1.63
OLDS FERRY-ONTARIO	3.67	3.74	1.63
MONMOUTH	0.34	0.39	1.63
ANTELOPE	8.95	12.24	1.63
TERRITORIAL	1.32	1.74	1.63
MAPLETON-JUNCTION CITY	7.9	8.05	1.63
MEDICAL SPRINGS	6.87	7.22	1.63
STEENS	2.26	3.66	1.63
JACKSONVILLE	23.17	23.49	1.63
ELKTON-SUTHERLIN	19.63	19.7	1.63
SILVER CREEK FALLS	33.63	34.97	1.63
VALE-WEST	5.68	6.65	1.63
WARNER	6.21	6.55	1.63
ROGUE RIVER LOOP	19.79	20.13	1.63
WESTON-ELGIN	18.79	19.08	1.63
KIMBERLY-LONG CREEK	14.82	17.05	1.63
POWERS	5.21	5.45	1.63
ADRIAN-CALDWELL	1.98	2.48	1.63
HAVANA-HELIX	3.53	4.52	1.63
LEXINGTON-ECHO	36.21	36.66	1.63
GOSHEN-DIVIDE	2.13	2.25	1.63
STEENS	33.17	37.79	1.63
SUMPTER	0.22	0.33	1.63
WASCO-HEPPNER	32.61	32.69	1.63
SILVER CREEK FALLS	9.93	10.09	1.63
LITTLE SHEEP CREEK	5.38	5.46	1.63
SUCCOR CREEK	6.07	6.24	1.63
CARPENTERVILLE	341.38	341.41	1.63
O NEIL	4.09	4.8	1.63
ALBANY-LYONS	20.51	21.89	1.63
UKIAH-HILGARD	16.83	16.86	1.63
WESTON-ELGIN	11.63	11.78	1.63
MADRAS-PRINEVILLE	23.4	23.73	1.63
POWERS	15.22	15.5	1.63
SISKIYOU	6.62	6.8	1.63
KINGS VALLEY	21.53	21.57	1.63
SILVER CREEK FALLS	10.36	10.52	1.63
SUNNYSIDE-UMAPINE	4.77	5.2	1.63
FRENCHGLEN	21.27	22.18	1.63
WASCO-HEPPNER	44.69	45.6	1.63
WESTON-ELGIN	5.34	5.76	1.63
DOOLEY MOUNTAIN	5.23	5.3	1.63

SHERARS BRIDGE	-5.00E-02	1.14E-13	1.63
ALSEA-DEADWOOD	2.53	2.6	1.63
MEDICAL SPRINGS	25.76	25.91	1.63
HEPPNER-SPRAY	14.53	14.78	1.63
MAPLETON-JUNCTION CITY	3.27	3.33	1.63
HUNTINGTON	3.26	5.16	1.63
JACKSONVILLE	23.49	23.72	1.63
ELKTON-SUTHERLIN	10.53	11.28	1.63
SILVER CREEK FALLS	20.52	22.06	1.63
WARNER	5.37	5.4	1.63
WEISER SPUR	11.77	12.19	1.63
ALBANY-LYONS	11.63	12	1.63
WESTON-ELGIN	32.37	35.48	1.63
PINE CREEK	0.79	0.91	1.63
OLDS FERRY-ONTARIO	16.51	17.02	1.63
INDEPENDENCE	0.11	0.33	1.63
ANTELOPE	0.79	0.85	1.63
ATHENA-HOLDMAN	1.14E-13	6.00E-02	1.63
LEXINGTON-ECHO	0.74	0.78	1.63
STEENS	87.88	89.93	1.63
CARPENTERVILLE	356.88	357.8	1.63
OLDS FERRY-ONTARIO	-0.29	-2.00E-02	1.63
SHERARS BRIDGE	22.7	22.83	1.63
ALSEA-DEADWOOD	3.58	3.71	1.63
MEDICAL SPRINGS	8.19	8.54	1.63
HEPPNER-SPRAY	5.31	8.42	1.63
JACKSONVILLE	24.12	24.21	1.63
ELKTON-SUTHERLIN	16.77	18.45	1.63
SILVER CREEK FALLS	34.97	34.98	1.63
CELILO-WASCO	2.92	3.18	1.63
FRENCHGLEN	40.86	45.74	1.63
PAYETTE SPUR	21.23	21.3	1.63
ROGUE RIVER LOOP	7.63	7.68	1.63
SERVICE CREEK-MITCHELL	22.85	23.33	1.63
ALBANY-LYONS	8.1	8.23	1.63
COVE	20.58	20.82	1.63
WESTON-ELGIN	26.38	26.45	1.63
OLDS FERRY-ONTARIO	20.96	21.61	1.63
HOOD RIVER	8.7	10.68	1.63
KINGS VALLEY	8.53	8.98	1.63
SHANIKO-FOSSIL	22.86	23.07	1.63
HAVANA-HELIX	8.87	9.37	1.63
LEXINGTON-ECHO	29.52	31.1	1.63
MAPLETON-JUNCTION CITY	6.95	7.02	1.63
STEENS	45.35	47.25	1.63
SAMS VALLEY	4.85	5.17	1.63
ELKTON-SUTHERLIN	2.55	3.58	1.63
TERRITORIAL	13.07	14.17	1.63
WASCO-HEPPNER	78.95	79.65	1.63
SUCCOR CREEK	6.99	7.96	1.63
WARNER	43.74	49.77	1.63
ROGUE RIVER LOOP	20.13	20.6	1.63
UKIAH-HILGARD	34.34	35.01	1.63
WESTON-ELGIN	11.78	12.07	1.63
HALFWAY-CORNUCOPIA	8.46	8.72	1.63
ADRIAN-CALDWELL	3.00E-02	0.25	1.63
HOOD RIVER	14.25	14.52	1.63
LEXINGTON-ECHO	10.12	10.13	1.63
GOSHEN-DIVIDE	12.01	12.04	1.63
FRENCHGLEN	2.03	5.12	1.63
WASCO-HEPPNER	32.54	32.61	1.63
SUCCOR CREEK	8.69	9.64	1.63
SHANIKO-FOSSIL	37.33	39.25	1.63
MEDICAL SPRINGS	7.76	8.19	1.63
WESTON-ELGIN	19.45	19.89	1.63
MADRAS-PRINEVILLE	0.13	0.88	1.63
JACKSONVILLE	12.75	12.89	1.63
SILVER CREEK FALLS	12.72	13.16	1.63
SUNNYSIDE-UMAPINE	0.68	1.57	1.63
LEXINGTON-ECHO	9.95	10.11	1.63
FRENCHGLEN	11.38	13.22	1.63
SERVICE CREEK-MITCHELL	7.49	8.53	1.63
CAPE ARAGO	10.07	10.18	1.63
ALBANY-LYONS	0.77	0.99	1.63
CAPE BLANCO	3.15	4.52	1.63
SHERARS BRIDGE	22.83	24.74	1.63
WASCO-HEPPNER	24.35	24.4	1.63

MAPLETON-JUNCTION CITY	8.17	8.39	1.63
MEDICAL SPRINGS	25.91	25.97	1.63
HEPPNER-SPRAY	21.72	23.56	1.63
HUNTINGTON	5.25	5.31	1.63
JACKSONVILLE	26.67	27.11	1.63
SILETZ	15.44	15.91	1.63
SILVER CREEK FALLS	36.07	36.66	1.63
CELILO-WASCO	7.2	7.24	1.63
WARNER	56.52	62.16	1.63
HOMEDALE SPUR	20.47	20.72	1.63
PAULINA	30.2	33	1.63
COVE	20.33	20.58	1.63
WESTON-ELGIN	-0.46	-0.24	1.63
OLDS FERRY-ONTARIO	11.65	11.67	1.63
SHANIKO-FOSSIL	17.21	22.75	1.63
MAPLETON-JUNCTION CITY	47.31	47.41	1.63
ATHENA-HOLDMAN	2.93	5.48	1.63
LEXINGTON-ECHO	25.58	27.24	1.63
STEENS	3.66	3.77	1.63
SILVER CREEK FALLS	27.91	28	1.63
TERRITORIAL	12.75	13.07	1.63
O NEIL	1.63	1.86	1.63
SUCCOR CREEK	5.19	5.96	1.63
WARNER	37.23	42.2	1.63
CARPENTERVILLE	356.42	356.83	1.63
UKIAH-HILGARD	15.35	15.44	1.63
WESTON-ELGIN	19.43	19.45	1.63
POWERS	17.54	17.59	1.63
HERMISTON	11.89	12.08	1.63
LEXINGTON-ECHO	34.79	35.06	1.63
KIMBERLY-LONG CREEK	19.04	22.62	1.63
WASCO-HEPPNER	73.48	73.53	1.63
HALSEY-SWEET HOME	13.15	13.21	1.63
DOOLEY MOUNTAIN	10.53	14.05	1.63
CARPENTERVILLE	335.27	336.11	1.63
SHANIKO-FOSSIL	24.58	24.93	1.63
SAMS VALLEY	6.41	7.26	1.63
O NEIL	2.36	2.61	1.63
WARNER	7.31	7.32	1.63
ROGUE RIVER LOOP	20.6	20.87	1.63
WESTON-ELGIN	13.09	13.48	1.63
OLDS FERRY-ONTARIO	21.61	22.31	1.63
HOOD RIVER	6.11	6.54	1.63
KINGS VALLEY	24.35	24.85	1.63
HERMISTON	15.16	17.81	1.63
LEXINGTON-ECHO	6.1	6.19	1.63
SPRINGFIELD-CRESWELL	12.68	12.82	1.63
STEENS	6.54	6.57	1.63
WASCO-HEPPNER	-0.58	-0.5	1.63
HALSEY-SWEET HOME	4.57	4.69	1.63
DOOLEY MOUNTAIN	17.52	20.62	1.63
SHANIKO-FOSSIL	7.93	7.96	1.63
MEDICAL SPRINGS	21.4	22.9	1.63
WESTON-ELGIN	10.53	10.57	1.63
MADRAS-PRINEVILLE	18.4	19.45	1.63
SISKIYOU	6.8	7.28	1.63
KINGS VALLEY	6.79	7.07	1.63
JEFFERSON	1.75	2.07	1.63
WESTON-ELGIN	1.14E-13	0.11	1.63
CELILO-WASCO	4.8	7.2	1.63
SPRINGFIELD-CRESWELL	11.99	12.68	1.63
WARNER	18.54	24.51	1.63
PAULINA	37.45	38.41	1.63
ALBANY-LYONS	10.73	10.98	1.63
WESTON-ELGIN	37.47	39.53	1.63
SHERARS BRIDGE	13.34	13.5	1.63
SHANIKO-FOSSIL HWY CONN.	13.49	13.53	1.63
ELKTON-SUTHERLIN	19.13	19.48	1.63
MEDICAL SPRINGS	25.97	28.29	1.63
HEPPNER-SPRAY	11.63	11.66	1.63
JACKSONVILLE	27.26	27.8	1.63
SILVER CREEK FALLS	14.61	14.67	1.63
WARNER	17.69	18.42	1.63
PARMA SPUR	13.81	14.3	1.63
PAULINA	43.92	46.04	1.63
WESTON-ELGIN	27.4	32.37	1.63
HALFWAY-CORNUCOPIA	6.94	7.53	1.63

POWERS	10.17	10.64	1.63
ODELL	1.14E-13	0.7	1.63
MONMOUTH	1.95	2.41	1.63
HAVANA-HELIX	2.4	3.53	1.63
LEXINGTON-ECHO	13.24	13.27	1.63
MAPLETON-JUNCTION CITY	47.68	47.84	1.63
STEENS	26.69	28.08	1.63
ELKTON-SUTHERLIN	11.54	11.82	1.63
EDDYVILLE-BLODGETT	14.18	14.21	1.63
CULVER	7.03	7.33	1.63
ROGUE RIVER LOOP	19.06	19.24	1.63
UKIAH-HILGARD	31	33.37	1.63
POWERS	1.97	2.29	1.63
KINGS VALLEY	28.96	29.76	1.63
HERMISTON	14.13	15.16	1.63
LEXINGTON-ECHO	24.48	25.58	1.63
FRENCHGLEN	33.88	34.42	1.63
HUNTINGTON	10.74	10.84	1.63
SHANIKO-FOSSIL	26.53	27.74	1.63
MEDICAL SPRINGS	38.66	38.94	1.63
WESTON-ELGIN	11.32	11.36	1.63
HUNTINGTON	9.5	9.82	1.63
JACKSONVILLE	11.83	11.87	1.63
JEFFERSON	1.1	1.43	1.63
LEXINGTON-ECHO	16.7	16.86	1.63
FRENCHGLEN	23.87	23.92	1.63
SERVICE CREEK-MITCHELL	0.39	0.65	1.63
ALBANY-LYONS	6.76	7.2	1.63
COVE	17.59	17.66	1.63
WESTON-ELGIN	36.66	37.06	1.63
COQUILLE-BANDON	0.52	0.67	1.63
OLDS FERRY-ONTARIO	23.81	23.98	1.63
ANTELOPE	8.86	8.95	1.63
MEDICAL SPRINGS	35.55	36.27	1.63
SILETZ	19.95	20.11	1.63
SILVER CREEK FALLS	19.42	20.52	1.63
TERRITORIAL	6.82	8.62	1.63
MEDICAL SPRINGS	38.51	38.66	1.63
HUNTINGTON	10.7	10.71	1.63
SILVER CREEK FALLS	13.22	13.85	1.63
CELILO-WASCO	2.74	2.92	1.63
FRENCHGLEN	6.11	9.09	1.63
SERVICE CREEK-MITCHELL	5.52	7.05	1.63
SUNNYSIDE-UMAPINE	6.18	6.69	1.63
COQUILLE-BANDON	1.59	1.73	1.63
OLDS FERRY-ONTARIO	9.58	10.62	1.63
SHERARS BRIDGE	25.71	25.79	1.63
WASCO-HEPPNER	8.21	9.06	1.63
MAPLETON-JUNCTION CITY	8.05	8.11	1.63
JACKSONVILLE	27.23	27.25	1.63
SILETZ	22.67	22.97	1.63
SILVER CREEK FALLS	18.69	19.35	1.63
VALE-WEST	5.59	5.68	1.63
WARNER	56.48	56.52	1.63
ROGUE RIVER LOOP	6.46	6.69	1.63
PAULINA	46.04	47.19	1.63
SAMS VALLEY	6.39	6.41	1.63
COVE	6.97	7.22	1.63
WESTON-ELGIN	39.56	39.81	1.63
SUMPTER	1.35	1.56	1.63
ADRIAN-CALDWELL	3.41	3.53	1.63
SHANIKO-FOSSIL	25.3	25.58	1.63
LEXINGTON-ECHO	31.1	32.7	1.63
STEENS	9.34	10.75	1.63
JACKSONVILLE	22.42	22.44	1.63
SILETZ	22.21	22.67	1.63
SILVER CREEK FALLS	38.66	38.74	1.63
TERRITORIAL	6.07	6.82	1.63
ROGUE RIVER LOOP	22.21	22.22	1.63
WESTON-ELGIN	18.64	18.79	1.63
POWERS	3.26	3.65	1.63
HOOD RIVER	14.55	15.06	1.63
HERMISTON	10.82	11.27	1.63
LEXINGTON-ECHO	2.45	2.46	1.63
GOSHEN-DIVIDE	10.74	11.08	1.63
FRENCHGLEN	23.93	28.88	1.63
WASCO-HEPPNER	61.72	63.98	1.63

HALSEY-SWEET HOME	11.89	12.17	1.63
MIDLAND	4.39	4.58	1.63
CARPENTERVILLE	348.67	349.06	1.63
SHERARS BRIDGE	28.25	28.29	1.63
WESTON-ELGIN	2.71	2.93	1.63
HUNTINGTON	10.71	10.74	1.63
JEFFERSON	1.55	1.75	1.63
CELILO-WASCO	0.19	0.21	1.63
ROGUE RIVER LOOP	17.64	17.78	1.63
SERVICE CREEK-MITCHELL	0.32	0.39	1.63
HALSEY-SWEET HOME	3	4.57	1.63
WESTON-ELGIN	24.41	26.38	1.63
MCNARY CREEK FRONTAGE RD.	0.11	0.27	1.63
ANTELOPE	1	3.07	1.63
HAVANA-HELIX	7.57	8.77	1.63
LEXINGTON-ECHO	19.63	19.68	1.63
HUNTINGTON	1.14E-13	0.33	1.63
SAMS VALLEY	16.18	16.44	1.63
ELKTON-SUTHERLIN	6.22	6.46	1.63
WASCO-HEPPNER	32.69	35.69	1.63
SUCCOR CREEK	6.52	6.99	1.63
WARNER	9.27	9.33	1.63
ROGUE RIVER LOOP	16.01	16.02	1.63
PAULINA	43.37	43.92	1.63
ALBANY-LYONS	11.23	11.47	1.63
UKIAH-HILGARD	4.63	6.03	1.63
KIMBERLY-LONG CREEK	25.55	26.89	1.63
POWERS	10.64	13.18	1.63
ADRIAN-CALDWELL	2.48	3.41	1.63
ATHENA-HOLDMAN	15.5	16.51	1.63
LEXINGTON-ECHO	2.37	2.45	1.63
JASPER PARK FRONTAGE RD.	5.46	5.48	1.63
FRENCHGLEN	70.77	73.35	1.63
WASCO-HEPPNER	36.23	37.1	1.63
EDDYVILLE-BLODGETT	11.7	11.73	1.63
HALSEY-SWEET HOME	2.53	3	1.63
SUCCOR CREEK	10.15	10.74	1.63
WASCO-HEPPNER	-4.00E-02	1.14E-13	1.63
VALE-WEST	2.27	2.31	1.63
WARNER	31.39	32.69	1.63
BAKER-COPPERFIELD SPUR	54.32	54.49	1.63
ROGUE RIVER LOOP	17.88	18.66	1.63
PAULINA	7.05	10.55	1.63
UKIAH-HILGARD	6.03	6.19	1.63
WESTON-ELGIN	15.38	15.39	1.63
SUMPTER	0.14	0.22	1.63
POWERS	1.71	1.81	1.63
ADRIAN-ARENA VALLEY	3.00E-02	0.51	1.63
HOOD RIVER	6.54	7.24	1.63
KINGS VALLEY	8.98	9.32	1.63
LEXINGTON-ECHO	7.15	8.06	1.63
STEENS	60.45	60.88	1.63
SAMS VALLEY	12.61	12.75	1.63
ELKTON-SUTHERLIN	1.66	2.55	1.63
CULVER	6.18	7.03	1.63
WARNER	5.51	5.68	1.63
CARPENTERVILLE	339.49	339.53	1.63
WESTON-ELGIN	19.21	19.35	1.63
POWERS	17.64	17.75	1.63
SISKIYOU	8.32	8.62	1.63
SILVER CREEK FALLS	10.78	11.03	1.63
HERMISTON	12.97	13.71	1.63
LEXINGTON-ECHO	0.15	0.62	1.63
GOSHEN-DIVIDE	11.92	12.01	1.63
KIMBERLY-LONG CREEK	14.42	14.82	1.63
WASCO-HEPPNER	3.85	4.72	1.63
HALSEY-SWEET HOME	12.17	12.2	1.63
LITTLE SHEEP CREEK	5.46	5.81	1.63
CARPENTERVILLE	341.41	342.01	1.63
WEISER SPUR CONNECTION	11.69	11.77	1.63
SHERARS BRIDGE	18.14	18.54	1.63
MEDICAL SPRINGS	21.2	21.33	1.63
HEPPNER-SPRAY	34.05	35.84	1.63
HUNTINGTON	10.7	10.83	1.63
JACKSONVILLE	27.11	27.21	1.63
SUMMIT FRONTAGE RD. NO. 1	5.18	5.2	1.63
SILETZ	30.48	30.71	1.63

SILVER CREEK FALLS	38.11	38.31	1.63
CELILO-WASCO	7.24	9.12	1.63
HOMEDALE SPUR	20.11	20.47	1.63
ROGUE RIVER LOOP	18.75	19.06	1.63
SERVICE CREEK-MITCHELL	8.79	8.85	1.63
WESTON-ELGIN	6.58	6.69	1.63
DOOLEY MOUNTAIN	7.12	10.24	1.63
CAPE BLANCO	4.52	4.81	1.63
HOOD RIVER	14.52	14.55	1.63
KINGS VALLEY	9.32	9.95	1.63
LEXINGTON-ECHO	9.89	9.95	1.63
STEENS	57.6	60.45	1.63
SAMS VALLEY	13.83	14.39	1.63
ELKTON-SUTHERLIN	20.48	20.72	1.63
SILVER CREEK FALLS	9.9	9.93	1.63
WASCO-HEPPNER	37.1	38.13	1.63
WARNER	8.09	9.27	1.63
SNAKE RIVER CORR INST	1.83	2.09	1.63
CARPENTERVILLE	349.06	349.11	1.63
ALBANY-LYONS	18.63	18.99	1.63
WESTON-ELGIN	15.82	16.14	1.63
SUMPTER	2.71	3.71	1.63
POWERS	2.61	2.7	1.63
ADRIAN-CALDWELL	3.93	4.39	1.63
HOOD RIVER	13.31	13.46	1.63
KINGS VALLEY	17.38	17.44	1.63
ATHENA-HOLDMAN	7.4	8.44	1.63
LEXINGTON-ECHO	6.9	7.15	1.63
JASPER PARK FRONTAGE RD.	5.31	5.46	1.63
WASCO-HEPPNER	78.87	78.95	1.63
WEST DIAMOND LAKE	3.12	3.13	1.63
SUCCOR CREEK	2.84	3.11	1.63
CRESCENT LAKE	0.49	0.68	1.63
ALSEA-DEADWOOD	3.71	3.84	1.63
UKIAH-HILGARD	39.52	41.31	1.63
MADRAS-PRINEVILLE	0.88	1.15	1.63
COOS RIVER	2.33	2.45	1.63
SISKIYOU	8.31	8.32	1.63
SUNNYSIDE-UMAPINE	4.66	4.77	1.63
FRENCHGLEN	5.12	6.11	1.63
PAULINA	47.61	49.22	1.63
ALBANY-LYONS	4.7	6.12	1.63
LITTLE SHEEP CREEK	4.94	5.38	1.63
DOOLEY MOUNTAIN	10.24	10.33	1.63
COQUILLE-BANDON	1.06	1.09	1.63
OLDS FERRY-ONTARIO	20.42	20.8	1.63
SHERARS BRIDGE	27.75	28.25	1.63
WASCO-HEPPNER	5.00E-02	8.00E-02	1.63
MEDICAL SPRINGS	21.33	21.4	1.63
HEPPNER-SPRAY	38.83	40.92	1.63
JACKSONVILLE	28.44	29.06	1.63
ELKTON-SUTHERLIN	21.72	22.62	1.63
CELILO-WASCO	1.14E-13	0.22	1.63
WARNER	9.6	11.74	1.63
PAULINA	41.1	42.03	1.63
POWERS	17.51	17.54	1.63
JACKSONVILLE	13.35	13.62	1.63
SILVER CREEK FALLS	13.16	13.21	1.63
WESTON-ELGIN	10.75	11.32	1.63
FRENCHGLEN	47.1	53.05	1.63
SERVICE CREEK-MITCHELL	9.48	11.32	1.63
WASCO-HEPPNER	78.45	78.87	1.63
ALBANY-LYONS	13.79	14.13	1.63
DOOLEY MOUNTAIN	17.25	17.52	1.63
COQUILLE-BANDON	1.05	1.06	1.63
SHERARS BRIDGE	18.54	18.59	1.63
HUNTINGTON	9.82	9.98	1.63
JACKSONVILLE	18	18.08	1.63
SILETZ	20.76	21.11	1.63
WASCO-HEPPNER	14.95	15.05	1.63
HALSEY-SWEET HOME	6.49	6.58	1.63
WARNER	33.24	37.23	1.63
WESTON-ELGIN	-0.24	1.14E-13	1.63
HALFWAY-CORNUCOPIA	5.62	5.68	1.63
COQUILLE-BANDON	1.73	1.76	1.63
OLDS FERRY-ONTARIO	20.3	20.42	1.63
SHANIKO-FOSSIL	23.33	23.99	1.63

LEXINGTON-ECHO	20.02	20.19	1.63
MAPLETON-JUNCTION CITY	7.22	7.34	1.63
STEENS	65.18	65.65	1.63
JACKSONVILLE	23.72	24.12	1.63
ELKTON-SUTHERLIN	16.68	16.77	1.63
EDDYVILLE-BLODGETT	3.84	4.19	1.63
TERRITORIAL	2.12	2.37	1.63
CARPENTERVILLE	339.53	339.57	1.63
O NEIL	15.53	15.68	1.63
ALBANY-LYONS	0.99	2.48	1.63
WESTON-ELGIN	15.74	15.82	1.63
OLDS FERRY-ONTARIO	14.19	14.24	1.63
HERMISTON	12.44	12.56	1.63
LEXINGTON-ECHO	19.91	20.02	1.63
WALKER FRONTAGE RD.	10.59	10.74	1.63
FRENCHGLEN	29.5	30.91	1.63
WASCO-HEPPNER	3.68	3.85	1.63
DOOLEY MOUNTAIN	20.62	21.13	1.63
UKIAH-HILGARD	33.37	34.34	1.63
WESTON-ELGIN	19.08	19.09	1.63
JEFFERSON	0.35	0.7	1.63
FRENCHGLEN	37.91	38.35	1.63
PAULINA	26.07	29.29	1.63
SUNNYSIDE-UMAPINE	5.2	5.64	1.63
HALFWAY-CORNUCOPIA	8.72	8.79	1.63
OLDS FERRY-ONTARIO	9.03	9.58	1.63
SHERARS BRIDGE	13.5	14.69	1.63
ELKTON-SUTHERLIN	11.82	11.91	1.63
MEDICAL SPRINGS	8.54	8.66	1.63
WESTON-ELGIN	-1.31	-1.18	1.63
JACKSONVILLE	27.25	27.26	1.63
SILVER CREEK FALLS	36.05	36.07	1.63
WASCO-HEPPNER	36.13	36.23	1.63
VALE-WEST	1.06	2.27	1.63
HALSEY-SWEET HOME	6.58	6.81	1.63
WARNER	1.76	1.8	1.63
PARMA SPUR	14.3	14.81	1.63
ROGUE RIVER LOOP	11.97	12.4	1.63
PAULINA	34.77	37.45	1.63
COVE	7.22	9.79	1.63
WESTON-ELGIN	-1.26	-1.16	1.63
POWERS	13.18	15.22	1.63
ADRIAN-ARENA VALLEY	3.17	3.19	1.63
ANTELOPE	12.28	13.49	1.63
ATHENA-HOLDMAN	0.28	1.31	1.63
LEXINGTON-ECHO	1.44	2.37	1.63
SAMS VALLEY	5.88	6.38	1.63
SUCCOR CREEK	7.96	8	1.63
WARNER	7.91	8.09	1.63
SNAKE RIVER CORR INST	0.84	1.83	1.63
CARPENTERVILLE	336.11	336.43	1.63
O NEIL	4.94	13.63	1.63
UKIAH-HILGARD	23.54	24.41	1.63
WESTON-ELGIN	2.2	2.71	1.63
O NEIL	3.29	3.84	1.63
KINGS VALLEY	17.69	17.87	1.63
WESTON-ELGIN	22.54	24.08	1.63
HALFWAY-CORNUCOPIA	8.41	8.46	1.63
OLDS FERRY-ONTARIO	20.8	20.96	1.63
INDEPENDENCE	1.39	3.11	1.63
SHANIKO-FOSSIL	23.07	23.14	1.63
ATHENA-HOLDMAN	9.57	10.81	1.63
HEPPNER-SPRAY	14.78	14.86	1.63
STEENS	6.57	9.34	1.63
SAMS VALLEY	5.5	5.88	1.63
ELKTON-SUTHERLIN	12.2	12.44	1.63
SILVER CREEK FALLS	28.69	29.41	1.63
CULVER	5.35	6.18	1.63
WARNER	30.67	31.39	1.63
UKIAH-HILGARD	26.98	28.3	1.63
WESTON-ELGIN	13.48	13.83	1.63
POWERS	17.59	17.64	1.63
HERMISTON	12.19	12.4	1.63
LEXINGTON-ECHO	18.75	19.53	1.63
STEENS	74.28	82.11	1.63
KIMBERLY-LONG CREEK	26.89	29.96	1.63
WASCO-HEPPNER	24.4	31.87	1.63

EDDYVILLE-BLODGETT	15.62	16.59	1.63
HUNTINGTON	0.26	0.4	1.63
CARPENTERVILLE	356.3	356.42	1.63
SHANIKO-FOSSIL	27.74	29.37	1.63
MEDICAL SPRINGS	23.01	23.48	1.63
WESTON-ELGIN	21.19	21.72	1.63
MADRAS-PRINEVILLE	21.08	21.97	1.63
JEFFERSON	0.34	0.35	1.63
CELILO-WASCO	12.47	14.06	1.63
FRENCHGLEN	9.1	10.5	1.63
KIMBERLY-LONG CREEK	9.62	12.8	1.63
ALBANY-LYONS	15.43	16.12	1.63
DOOLEY MOUNTAIN	2.46	2.79	1.63
COQUILLE-BANDON	0.87	0.9	1.63
OLDS FERRY-ONTARIO	16.01	16.51	1.63
SHERARS BRIDGE	21.31	22.7	1.63
TERRITORIAL	27.31	27.35	1.63
MEDICAL SPRINGS	38.23	38.47	1.63
STEENS	51.83	57.6	1.63
WASCO-HEPPNER	6.69	8.21	1.63
VALE-WEST	2.31	2.59	1.63
HALSEY-SWEET HOME	18.84	19.56	1.63
PARMA SPUR	14.81	15.23	1.63
ROGUE RIVER LOOP	7.19	7.63	1.63
ALBANY-LYONS	12.53	13.79	1.63
WESTON-ELGIN	26.59	26.6	1.63
SUMPTER	1.81	2.56	1.63
ADRIAN-CALDWELL	1.43	1.53	1.63
HOOD RIVER	13.89	14.25	1.63
LEXINGTON-ECHO	18.42	18.75	1.63
STEENS	83.14	83.22	1.63
ELKTON-SUTHERLIN	7.56	8.11	1.63
SILVER CREEK FALLS	10.22	10.24	1.63
O NEIL	13.63	15.13	1.63
SUCCOR CREEK	16.95	18.92	1.63
CARPENTERVILLE	350.85	355.85	1.63
WEST DIAMOND LAKE	0.9	1.75	1.63
JACKSONVILLE	12.89	13.35	1.63
JEFFERSON	0.31	0.34	1.63
HERMISTON	13.71	14.13	1.63
LEXINGTON-ECHO	1.43	1.44	1.63
GOSHEN-DIVIDE	12.04	12.17	1.63
STEENS	3.77	6.54	1.63
KIMBERLY-LONG CREEK	29.96	30.55	1.63
WASCO-HEPPNER	42.5	44.69	1.63
EAGLE CREEK-SANDY	3.95	4.26	1.63
HALSEY-SWEET HOME	12.2	12.91	1.63
LITTLE SHEEP CREEK	4.43	4.94	1.63
DOOLEY MOUNTAIN	14.05	17.25	1.63
CARPENTERVILLE	357.85	357.89	1.63
SHERARS BRIDGE	4.7	6.9	1.63
WASCO-HEPPNER	0.17	0.24	1.63
ALSEA-DEADWOOD	0.95	1.31	1.63
MAPLETON-JUNCTION CITY	46.57	46.63	1.63
MEDICAL SPRINGS	16.02	19.95	1.63
HEPPNER-SPRAY	21.71	21.72	1.63
STEENS	1.73	2.26	1.63
ELKTON-SUTHERLIN	8.97	9.08	1.63
SILVER CREEK FALLS	17.46	17.49	1.63
CELILO-WASCO	15.07	15.35	1.63
SPRINGFIELD-CRESWELL	5.29	5.31	1.63
FRENCHGLEN	9.09	9.1	1.63
WESTON-ELGIN	-1.16	-1.12	1.63
HERMISTON	12.56	12.59	1.63
LEXINGTON-ECHO	16.86	17.74	1.63
KIMBERLY-LONG CREEK	30.55	32.75	1.63
WASCO-HEPPNER	-0.49	-0.43	1.63
HALSEY-SWEET HOME	13.75	16.11	1.63
LITTLE SHEEP CREEK	8.07	8.89	1.63
CARPENTERVILLE	357.8	357.85	1.63
OLDS FERRY-ONTARIO	0.41	0.62	1.63
SHANIKO-FOSSIL	0.1	3.73	1.63
WESTON-ELGIN	12.7	13.09	1.63
MADRAS-PRINEVILLE	19.5	21.08	1.63
HUNTINGTON	10.66	10.7	1.63
SISKIYOU	12.02	12.42	1.63
KINGS VALLEY	7.07	7.34	1.63

SILVER CREEK FALLS	11.03	11.06	1.63
FRENCHGLEN	45.74	47.1	1.63
SERVICE CREEK-MITCHELL	7.05	7.49	1.63
COVE	20.82	21.07	1.63
WESTON-ELGIN	10.57	10.69	1.63
OLDS FERRY-ONTARIO	23.54	23.66	1.63
ANTELOPE	13.49	13.52	1.63
MAPLETON-JUNCTION CITY	28.39	28.67	1.63
MEDICAL SPRINGS	9.49	11.4	1.63
HEPPNER-SPRAY	14.86	16.6	1.63
SILETZ	20.11	20.38	1.63
SILVER CREEK FALLS	36.66	36.82	1.63
WASCO-HEPPNER	14.89	14.95	1.63
VALE-WEST	7.66	8.66	1.63
WARNER	9.55	9.6	1.63
ROGUE RIVER LOOP	10.53	11.12	1.63
UKIAH-HILGARD	6.19	9.9	1.63
WESTON-ELGIN	15.41	15.52	1.63
KIMBERLY-LONG CREEK	8.46	8.98	1.63
ADRIAN-ARENA VALLEY	2.24	2.73	1.63
HOOD RIVER	7.35	8.7	1.63
KINGS VALLEY	7.42	8.42	1.63
STEENS	39.8	45.21	1.63
KIMBERLY-LONG CREEK	5.15	6.24	1.63
SAMS VALLEY	9.49	9.63	1.63
ELKTON-SUTHERLIN	11.28	11.41	1.63
SILETZ	24.85	24.93	1.63
SILVER CREEK FALLS	14.55	14.58	1.63
CULVER	5.06	5.35	1.63
SUCCOR CREEK	5.96	6.07	1.63
WARNER	7.88	7.91	1.63
ROGUE RIVER LOOP	18.66	18.75	1.63
UKIAH-HILGARD	24.41	26.98	1.63
WESTON-ELGIN	8.6	8.87	1.63
MADRAS-PRINEVILLE	16.78	17.73	1.63
SISKIYOU	8.73	8.75	1.63
SILVER CREEK FALLS	11.89	12.72	1.63
HERMISTON	10.37	10.82	1.63
LEXINGTON-ECHO	32.7	34.42	1.63
STEENS	10.75	11.45	1.63
KIMBERLY-LONG CREEK	32.75	33.87	1.63
WASCO-HEPPNER	0.86	1.93	1.63
COVE	21.83	21.87	1.63
WESTON-ELGIN	-1.05	-0.46	1.63
OLDS FERRY-ONTARIO	1.14E-13	0.24	1.63
SHERARS BRIDGE	8.3	8.35	1.63
WASCO-HEPPNER	82.36	83.2	1.63
MEDICAL SPRINGS	24.43	24.68	1.63
SILVER CREEK FALLS	38.31	38.35	1.63
WASCO-HEPPNER	11.52	14.89	1.63
FRENCHGLEN	34.42	34.81	1.63
SERVICE CREEK-MITCHELL	8.85	8.95	1.63
WESTON-ELGIN	18.19	18.45	1.63
COQUILLE-BANDON	14.71	15.97	1.63
OLDS FERRY-ONTARIO	23.66	23.81	1.63
MONMOUTH	4.71	4.84	1.63
LEXINGTON-ECHO	19.68	19.76	1.63
STEENS	21.65	22.29	1.63
SAMS VALLEY	14.39	14.66	1.63
ELKTON-SUTHERLIN	11.41	11.54	1.63
SILVER CREEK FALLS	28	28.69	1.63
TERRITORIAL	38.41	38.6	1.63
ROGUE RIVER LOOP	8.71	9.16	1.63
ALBANY-LYONS	16.47	18.07	1.63
UKIAH-HILGARD	41.31	44.16	1.63
WESTON-ELGIN	12.07	12.15	1.63
POWERS	17.75	17.84	1.63
OLDS FERRY-ONTARIO	11.83	13	1.63
KINGS VALLEY	21.08	21.53	1.63
SUNNYSIDE-UMAPINE	5.64	5.74	1.63
HENDRICKS RD. CONN. .	11.63	11.91	1.63
STEENS	15.02	16.71	1.63
PINE CREEK	0.25	0.79	1.63
COQUILLE-BANDON	1.27	1.59	1.63
OLDS FERRY-ONTARIO	18.08	18.57	1.63
INDEPENDENCE	3.11	3.79	1.63
ANTELOPE	8.3	8.95	1.63

LEXINGTON-ECHO	6.49	6.9	1.63
STEENS	0.57	0.7	1.63
SAMS VALLEY	9.63	9.84	1.63
ELKTON-SUTHERLIN	6.6	7.02	1.63
TERRITORIAL	16.04	16.4	1.63
WASCO-HEPPNER	9.76	10.8	1.63
WARNER	62.72	65.17	1.63
BAKER-COPPERFIELD SPUR	53.55	54.32	1.63
PAULINA	38.41	41.1	1.63
HALFWAY-CORNUCOPIA	6.11	6.86	1.63
ADRIAN-CALDWELL	0.29	1	1.63
KINGS VALLEY	5.42	6.79	1.63
SUNNYSIDE-UMAPINE	0.58	0.68	1.63
LEXINGTON-ECHO	10.13	13.24	1.63
GOSHEN-DIVIDE	3.26	3.71	1.63
FRENCHGLEN	65.48	68.56	1.63
WASCO-HEPPNER	67.85	69.35	1.63
HALSEY-SWEET HOME	6.46	6.49	1.63
SUCCOR CREEK	1.86	2.51	1.63
CARPENTERVILLE	359.73	359.83	1.63
SHANIKO-FOSSIL	4.41	7.61	1.63
MADRAS-PRINEVILLE	19.45	19.5	1.63
JEFFERSON	1.14E-13	0.2	1.63
SUNNYSIDE-UMAPINE	1.94	2.21	1.63
LEXINGTON-ECHO	20.19	22.45	1.63
SPRINGFIELD-CRESWELL	11.73	11.99	1.63
FRENCHGLEN	30.91	32.7	1.63
SERVICE CREEK-MITCHELL	11.32	12.86	1.63
ALBANY-LYONS	14.13	15.43	1.63
LITTLE SHEEP CREEK	23.3	26.2	1.63
WESTON CONNECTION NO. 2	0.24	0.32	1.63
WASCO-HEPPNER	20.29	24.12	1.63
MEDICAL SPRINGS	20.7	21.2	1.63
MAPLETON-JUNCTION CITY	21.53	21.55	1.63
ELKTON-SUTHERLIN	11.91	12.11	1.63
CELILO-WASCO	12.02	12.47	1.63
VALE-WEST	2.59	2.64	1.63
HOMEDALE SPUR	21.76	22.23	1.63
ROGUE RIVER LOOP	9.16	9.3	1.63
WESTON-ELGIN	24.34	24.41	1.63
COQUILLE-BANDON	13.66	13.98	1.63
OLDS FERRY-ONTARIO	13.62	14.19	1.63
TERRITORIAL	3.85	4.39	1.63
SHANIKO-FOSSIL	25.58	26.53	1.63
MAPLETON-JUNCTION CITY	47.84	49.64	1.63
ATHENA-HOLDMAN	1.31	2.93	1.63
MAPLETON-JUNCTION CITY	8.39	8.4	1.63
STEENS	13.58	15.02	1.63
ELKTON-SUTHERLIN	9.08	9.81	1.63
SILVER CREEK FALLS	10.52	10.66	1.63
CULVER	7.33	8.32	1.63
SUCCOR CREEK	3.24	4.16	1.63
WARNER	6.55	7.31	1.63
CARPENTERVILLE	337.06	338.49	1.63
O NEIL	4.8	4.94	1.63
ALBANY-LYONS	12	12.53	1.63
UKIAH-HILGARD	35.01	35.19	1.63
WESTON-ELGIN	15.36	15.38	1.63
ADRIAN-ARENA VALLEY	2.73	3.17	1.63
HOOD RIVER	7.33	7.35	1.63
HERMISTON	12.08	12.19	1.63
LEXINGTON-ECHO	15.15	16.7	1.63
GOSHEN-DIVIDE	10.36	10.59	1.63
FRENCHGLEN	34.81	37.91	1.63
WASCO-HEPPNER	-0.5	-0.49	1.63
CARPENTERVILLE	357.89	358.18	1.63
SHANIKO-FOSSIL	3.73	4.41	1.63
ALSEA-DEADWOOD	3.96	4.72	1.63
WESTON-ELGIN	8.87	9.48	1.63
HUNTINGTON	10.84	11.09	1.63
SISKIYOU	7.62	7.99	1.63
JEFFERSON	1.43	1.55	1.63
CELILO-WASCO	15.5	15.57	1.63
FRENCHGLEN	38.35	38.72	1.63
LITTLE SHEEP CREEK	2.05	2.07	1.63
SUNNYSIDE-UMAPINE	3.72	4.66	1.63
COQUILLE-BANDON	0.44	0.52	1.63

OLDS FERRY-ONTARIO	17.02	18.08	1.63
SHERARS BRIDGE	14.69	14.73	1.63
WASCO-HEPPNER	51.98	54.65	1.63
WASCO-HEPPNER	79.65	82.31	1.63
HUNTINGTON	1.14E-13	0.26	1.63
CARPENTERVILLE	359.72	359.73	1.63
SHANIKO-FOSSIL	23.99	24.35	1.63
ALSEA-DEADWOOD	1.41	2.53	1.63
UKIAH-HILGARD	47.32	47.52	1.63
WESTON-ELGIN	10.69	10.75	1.63
MADRAS-PRINEVILLE	1.15	1.55	1.63
CAPE ARAGO	10	10.07	1.63
SISKIYOU	7.99	8.31	1.63
SILVER CREEK FALLS	9.35	9.49	1.63
CELILO-WASCO	4.72	4.8	1.63
SPRINGFIELD-CRESWELL	11.63	11.73	1.63
PAULINA	16.88	19.45	1.63
POWERS	1.89	1.97	1.63
LITTLE SHEEP CREEK	2.09	2.55	1.63
WESTIN-ELGIN CONN. NO. 1	1.05	1.13	1.63
OLDS FERRY-ONTARIO	14.24	14.84	1.63
SHERARS BRIDGE	6.9	7.82	1.63
ALSEA-DEADWOOD	3.22	3.58	1.63
ELKTON-SUTHERLIN	7.03	7.27	1.63
MEDICAL SPRINGS	8.78	9.49	1.63
HEPPNER-SPRAY	40.92	40.96	1.63
HUNTINGTON	5.2	5.25	1.63
JACKSONVILLE	27.21	27.23	1.63
ELKTON-SUTHERLIN	15.62	15.69	1.63
WASCO-HEPPNER	24.12	24.35	1.63
VALE-WEST	4.66	4.92	1.63
HALSEY-SWEET HOME	11.21	11.89	1.63
WARNER	5.4	5.51	1.63
PARMA SPUR	12.85	13.07	1.63
PAULINA	20.75	26.07	1.63
ALBANY-LYONS	3.12	3.99	1.63
COVE	15.96	17.12	1.63
WESTON-ELGIN	7	7.92	1.63
SUMPTER	1.02	1.18	1.63
SHANIKO-FOSSIL	11.79	17.11	1.63
MAPLETON-JUNCTION CITY	7.02	7.22	1.63
SAMS VALLEY	8.75	9.49	1.63
SILVER CREEK FALLS	9.49	9.9	1.63
TERRITORIAL	1.74	2.03	1.63
SUCCOR CREEK	2.51	2.84	1.63
CRESCENT LAKE	0.27	0.36	1.63
CARPENTERVILLE	355.85	356.3	1.63
WESTON-ELGIN	15.39	15.41	1.63
POWERS	9.71	10.17	1.63
KINGS VALLEY	30.34	30.68	1.63
HERMISTON	1.46	2.17	1.63
LEXINGTON-ECHO	6.19	6.48	1.63
BEAR CREEK CONN.	12.82	12.85	1.63
FRENCHGLEN	13.22	15.26	1.63
KIMBERLY-LONG CREEK	33.87	34.36	1.63
WASCO-HEPPNER	65.67	66.42	1.63
CARPENTERVILLE	359.08	359.21	1.63
SHERARS BRIDGE	16.08	16.34	1.63
MEDICAL SPRINGS	7.22	7.67	1.63
WESTON-ELGIN	0.11	2.2	1.63
MADRAS-PRINEVILLE	21.97	23.4	1.63
HUNTINGTON	0.44	0.48	1.63
JACKSONVILLE	8.61	9.63	1.63
SILVER CREEK FALLS	14.67	15.54	1.63
CELILO-WASCO	15.42	15.5	1.63
WARNER	15.79	17.27	1.63
PAULINA	33.39	34.77	1.63
COVE	17.12	17.59	1.63
WESTON-ELGIN	35.54	35.6	1.63
CAPE BLANCO	4.81	5.43	1.63
ANTELOPE	3.1	8.3	1.63
MEDICAL SPRINGS	12.78	14.07	1.63
HEPPNER-SPRAY	8.42	8.55	1.63
MAPLETON-JUNCTION CITY	47.6	47.68	1.63
JACKSONVILLE	22.44	22.88	1.63
SILVER CREEK FALLS	36.82	36.86	1.63
ALSEA-DEADWOOD	2.6	3.22	1.63

WASCO-HEPPNER	-9.00E-02	-4.00E-02	1.63
SUCCOR CREEK	8	8.69	1.63
HALSEY-SWEET HOME	8.84	10.61	1.63
ROGUE RIVER LOOP	8.08	8.14	1.63
ALBANY-LYONS	19.07	19.65	1.63
UKIAH-HILGARD	30.24	30.81	1.63
WESTON-ELGIN	15.52	15.6	1.63
ADRIAN-CALDWELL	1.14E-13	3.00E-02	1.63
SISKIYOU	0.57	3.53	1.63
KINGS VALLEY	8.42	8.53	1.63
ATHENA-HOLDMAN	12.83	14.42	1.63
HEPPNER-SPRAY	8.55	8.67	1.63
STEENS	0.52	0.57	1.63
SAMS VALLEY	8.27	8.75	1.63
MYERS CREEK CONN. NO. 1	337.05	337.17	1.46
OREGON COAST	51.26	51.35	1.46
CANNON BEACH N. CONN. NO 2	27.63	27.65	1.46
OREGON COAST	164.67	164.76	1.46
WEDDERBURN JCT. CONN. NO 4	327.5	327.52	1.46
JOHN DAY	161.56	161.65	1.46
OREGON COAST	164.64	164.67	1.46
E CASCADE LOCKS CONN. NO.1	44.92	44.98	1.46
E CASCADE LOCKS CONN. NO.1	44.89	44.92	1.46
WEDDERBURN LOOP FRONT. RD.	326.39	326.47	1.46
UMATILLA ELECTRIC COOP FR	168.04	168.23	1.46
OREGON COAST	50.7	50.73	1.46
KNOX O'XING CONN. NO. 3	326.51	326.52	1.46
E CASCADE LOCKS CONN. NO.3	44.98	45.01	1.46
E CASCADE LOCKS CONN. NO.1	45.05	45.08	1.46
JOHN DAY	161.83	161.88	1.46
CANNON BEACH N. CONN. NO 2	27.65	27.68	1.46
JOHN DAY	161.65	161.83	1.46
BRIDGE ST. FRONTAGE RD.	33.71	33.74	1.46
E CASCADE LOCKS FRONT. RD	45.04	45.43	1.46
OREGON COAST	327.9	328.06	1.46
OREGON COAST	50.64	50.7	1.46
HUNTER CREEK CONN. NO. 1	330.31	330.41	1.46
KNOX O'XING CONN. NO. 1	326.4	326.42	1.46
UMATILLA ELECTRIC COOP FR	167.86	168.04	1.46
JOHN DAY-BURNS	2.01	2.07	1.46
UMPQUA	0.33	0.38	1.46
UMPQUA	0.62	0.63	1.46
NEHALEM	87.9	87.92	1.46
COUNTY RD. CONN. NO. 2	19.8	19.82	1.46
VERBOORT PURDIN CONN NO 1	87.92	87.9217026	1.46
SHERMAN	18.12	18.19	1.46
UMPQUA	0.17	0.24	1.46
UMPQUA	0.53	0.62	1.46
JOHN DAY-BURNS	2.19	2.32	1.46
VERBOORT PURDIN CONN NO 1	87.916	87.92	1.46
WAUNA CONN. NO. 2	72.69	72.71	1.46
N. PLAINS CONN. NO. 2	57.11	57.19	1.46
SHERMAN	18.04	18.12	1.46
FORT HILL RD. FRONTAGE RD.	24.53	24.54	1.46
UMPQUA	0.46	0.53	1.46
DERSHAM RD. CONN. NO. 2	55.1	55.13	1.46
UMPQUA	0.12	0.17	1.46
NEHALEM	88.037	88.04	1.46
FORT HILL RD. FRONTAGE RD.	23.75	24.53	1.46
JOHN DAY-BURNS	2.32	2.47	1.46
JOHN DAY-BURNS	2	2.01	1.46
DERSHAM RD. CONN. NO. 2	55.27	55.3	1.46
VERBOORT PURDIN CONN NO 1	87.94	88.04	1.46
UMPQUA	0.24	0.33	1.46
SHERMAN	18.19	18.25	1.46
UMPQUA	0.38	0.46	1.46
SHERMAN	18.25	18.32	1.46
NEHALEM	88.017	88.02	1.46
FORT HILL RD. FRONTAGE RD.	24.79	24.87	1.46
UMPQUA	7.00E-02	0.12	1.46
SHERMAN	18.32	18.36	1.46
JOHN DAY-BURNS	2.07	2.19	1.46
JOSEPH-WALLOWA LAKE	6.08	6.19	1.46
JOSEPH-WALLOWA LAKE	6.55	6.65	1.46
WALLOWA LAKE S.P. CONN.	5.93	5.96	1.46
JOSEPH-WALLOWA LAKE	6.65	6.66	1.46
JOSEPH-WALLOWA LAKE	5.97	5.98	1.46

WALLOWA LAKE S.P. FRONT RD	5.96	6.06	1.46
JOSEPH-WALLOWA LAKE	6.51	6.55	1.46
JOSEPH-WALLOWA LAKE	6.19	6.26	1.46
JOSEPH-WALLOWA LAKE	6	6.06	1.46
JOSEPH-WALLOWA LAKE	6.06	6.08	1.46
JOSEPH-WALLOWA LAKE	6.26	6.3	1.46
JOSEPH-WALLOWA LAKE	5.91	5.97	1.46
JOSEPH-WALLOWA LAKE	6.72	6.94	1.46
WALLOWA LAKE S.P. FRONT RD	5.91	5.96	1.46
JOSEPH-WALLOWA LAKE	6.38	6.51	1.46
JOSEPH-WALLOWA LAKE	6.71	6.72	1.46
JOSEPH-WALLOWA LAKE	5.98	6	1.46
JOSEPH-WALLOWA LAKE	6.37	6.38	1.46
JOSEPH-WALLOWA LAKE	6.3	6.33	1.46
JOSEPH-WALLOWA LAKE	6.33	6.37	1.46
JOSEPH-WALLOWA LAKE	6.66	6.71	1.46
DEADMAN PASS CONN. NO. 4	228.98	229	1.45
JACK ALLEN CAMP FRONT. RD.	230.4	230.84	1.45
ENCHANTED WAY FRONT. RD	245.75	247.05	1.45
VIENTO STATE PK. CONN NO 3	56.06	56.33	1.45
WARRENDALE FRONTAGE RD.	37.31	37.4	1.45
DEADMAN PASS S.R.A. FRONT	228.88	229.33	1.45
OLD EMIGRANT HILL FR. NO.1	224.93	224.98	1.45
CORBETT CONN. NO. 2	22.11	22.27	1.45
OLD EMIGRANT HILL FR. NO.1	232.8	233	1.45
SCOTTS VALLEY CONN. NO. 2	159.16	159.2	1.45
RUFUS CONN. NO. 2	110	110.01	1.45
SPEAKER RD. CONN. NO. 2	78.89	79.01	1.45
WARRENDALE FRONTAGE RD.	37.13	37.27	1.45
DEADMAN PASS CONN. NO. 2	229	229.1	1.45
WILLIAMS FRONTAGE RD.	170.25	170.69	1.45
REINHART CREEK FRONT. RD.	311.21	311.85	1.45
OLD EMIGRANT HILL FR. NO.1	229.81	230.3	1.45
SALT SPRINGS RD. CONN. 3	159.96	160.02	1.45
DEADMAN PASS S.R.A. FRONT	229.33	229.67	1.45
QUINES CREEK CONN. NO. 2	86.04	86.07	1.45
FRONTAGE RD.	231.6	231.7	1.45
OLD EMIGRANT HILL FR. NO.1	232.44	232.8	1.45
OLD EMIGRANT HILL FR. NO.1	224.98	225.09	1.45
WEST FORK CONN. NO. 2	95.86	95.94	1.45
BONNEVILLE DAM CONN. NO. 4	40.32	40.47	1.45
DEADMAN PASS S.R.A. FRONT	228.85	228.88	1.45
SUNNYSIDE RD. NO. 1	246.44	246.88	1.45
BOX CANYON FRONTAGE RD.	45.01	45.05	1.45
DODSON FRONTAGE RD.	35.77	36.29	1.45
DEADMAN PASS CONN. NO. 2	228.9	229	1.45
HUMBUG MOUNTAIN FRONT. RD.	307.2	307.23	1.45
BONNEVILLE DAM CONN. NO. 2	40.39	40.44	1.45
OLD EMIGRANT HILL FR. NO.1	229.7	229.77	1.45
WARRENDALE FRONTAGE RD.	37.27	37.31	1.45
BONNEVILLE DAM CONN. NO. 3	40.23	40.24	1.45
DEADMAN PASS S.R.A. FRONT	229.67	229.72	1.45
DODSON-WARRENDALE FRONT RD	35.85	36.85	1.45
JACK ALLEN CAMP FRONT. RD.	230.25	230.4	1.45
OLD EMIGRANT HILL FR. NO.1	232.27	232.44	1.45
BONNEVILLE DAM CONN. NO. 2	40.34	40.39	1.45
DODSON-WARRENDALE FRONT RD	36.85	37.12	1.45
RUFUS CONN. NO. 2	110.01	110.05	1.45
VIENTO STATE PK. CONN NO 2	56.04	56.21	1.45
DEADMAN PASS CONN. NO. 2	228.88	228.9	1.45
DEADMAN PASS CONN. NO. 2	229.1	229.2	1.45
OLD EMIGRANT HILL FR. NO.1	228.11	229.7	1.45
BONNEVILLE DAM CONN. NO. 3	40.24	40.25	1.45
DEADMAN PASS CONN. NO. 2	229.1922122	229.2	1.45
OTIS JCT. FRONTAGE RD. #1	105.08	105.2	1.45
WARRENDALE FRONTAGE RD.	36.96	37.13	1.45
OTIS JCT. FRONTAGE RD. #1	105.2	105.29	1.45
WARRENDALE FRONTAGE RD.	37.4	37.48	1.45
OLD EMIGRANT HILL FR. NO.1	225.91	228.11	1.45
DEADMAN PASS CONN. NO. 2	228.9	228.908	1.45
HUMBUG MOUNTAIN FRONT. RD.	307.13	307.2	1.45
BARTON RD. CONN. NO. 2	83.34	83.38	1.45
OLD EMIGRANT HILL FR. NO.1	224.8	224.86	1.45
OLD EMIGRANT HILL FR. NO.1	229.77	229.79	1.45
CORBETT CONN. NO. 4	22.41	22.58	1.45
CANYON CREEK FRONT. RD. #1	95.47	95.88	1.45
BONNEVILLE DAM CONN. NO. 3	40.31	40.32	1.45

FRONTAGE RD.	231.28	231.6	1.45
OLD EMIGRANT HILL FR. NO.1	230.54	232.27	1.45
DODSON-WARRENDALE FRONT RD	35.75	35.85	1.45
OLD EMIGRANT HILL FR. NO.1	229.79	229.81	1.45
OLD EMIGRANT HILL FR. NO.1	230.3	230.54	1.45
SUNNYSIDE RD. NO. 1	245.53	246.44	1.45
DODSON-WARRENDALE FRONT RD	35.53	35.73	1.45
OLD EMIGRANT HILL FR. NO.1	233	233.95	1.45
BONNEVILLE DAM CONN. NO. 3	40.32	40.34	1.45
DEADMAN PASS CONN. NO. 6	229.44	229.67	1.45
GELLATELY CREEK FRONT. RD.	41.99	42.08	1.45
HISTORIC COLUMBIA RIVER	52.67	52.72	1.45
E. WOODLANDS DR. FRONT. RD	42.81	42.86	1.45
HAVEN CREEK FRONTAGE RD.	7.53	7.61	1.45
SUNSET S.R.A. CONN.	28.72	28.73	1.45
SUNSET S.R.A. CONN.	28.73	29.09	1.45
HAVEN CREEK FRONTAGE RD.	7.61	7.68	1.45
E. FORK ILLINOIS RIVER FR.	29.46	29.62	1.45
THREE RIVERS	0.31	0.35	1.45
HISTORIC COLUMBIA RIVER	52.72	55.1	1.45
PORT OF ENTRY CONN. NO. 2	10.93	11.01	1.45
FARADAY FRONTAGE RD. NO. 2	28.56	28.58	1.45
PORT OF ENTRY CONN. NO. 2	10.88	10.93	1.45
PORT OF ENTRY CONN. NO. 1	11.13	11.15	1.45
PORT OF ENTRY CONN. NO. 1	10.88	10.93	1.45
PORT OF ENTRY CONN. NO. 4	11.138	11.15	1.45
PORT OF ENTRY CONN. NO. 4	10.68	10.84	1.45
PORT OF ENTRY CONN. NO. 1	11	11.13	1.45
FARADAY FRONTAGE RD. NO. 3	24.79	24.87	1.45
SUNRIVER INTCHGE. NO. 1	18.97	19.1	1.45
PORT OF ENTRY CONN. NO. 3	10.67	10.68	1.45
FRONTAGE RD. NO. 2	26.09	26.33	1.45
FRONTAGE RD. NO. 1	25.79	25.88	1.45
FARADAY FRONTAGE RD. NO. 4	24.74	24.8	1.45
PORT OF ENTRY CONN. NO. 1	10.831	10.84	1.45
PORT OF ENTRY CONN. NO. 3	10.68	10.8	1.45
PORT OF ENTRY CONN. NO. 2	11.01	11.13	1.45
PORT OF ENTRY CONN. NO. 1	10.93	11	1.45
PORT OF ENTRY CONN. NO. 3	10.8	10.81	1.45
SUNNYSIDE RD. NO. 1	247.15	247.77	1.17
THE DALLES-CALIFORNIA	45.33	45.41	1.17
THE DALLES-CALIFORNIA	45.29	45.33	1.17
S. WOLF CREEK CONN. NO. 2	76.06	76.08	1.17
JOHN DAY	38.27	38.34	1.17
JOHN DAY	92.41	92.42	1.17
JOLENE DR. FRONT. RD	5.29	5.4	1.17
JOHN DAY	38.24	38.27	1.17
JOHN DAY	38.02	38.07	1.17
JOHN DAY	92.35	92.41	1.17
THE DALLES-CALIFORNIA	44.97	45.09	1.17
JOHN DAY	38.44	38.51	1.17
JOHN DAY	0.5	0.51	1.17
BATTLE CREEK CONN. NO. 5	248.41	248.42	1.17
SUNNYSIDE RD. NO. 1	247.77	247.83	1.17
ENCHANTED WAY FRONT. RD	247.42	247.98	1.17
JOHN DAY	92.48	92.54	1.17
COLUMBIA RIVER HWY CONN. 2	0.34	0.45	1.17
THE DALLES-CALIFORNIA	45.15	45.2	1.17
THE DALLES-CALIFORNIA	45.96	46.04	1.17
JOHN DAY	38.2	38.24	1.17
COLUMBIA RIVER HWY CONN. 1	0.72	0.81	1.17
THE DALLES-CALIFORNIA	45.63	45.71	1.17
JOHN DAY	92.54	92.57	1.17
JOHN DAY	37.92	37.97	1.17
CENTRAL OREGON	265.78	265.83	1.17
REEDSPORT FRONTAGE RD.	212.69	213.23	1.17
HOUSE CREEK FRONTAGE RD.	64.74	64.87	1.17
THE DALLES-CALIFORNIA	45.41	45.51	1.17
JOHN DAY	37.86	37.92	1.17
DRY CREEK RD. FRONTAGE RD.	44.18	44.4	1.17
JOLENE DR. FRONT. RD	5.4	5.46	1.17
THE DALLES-CALIFORNIA	45.74	45.77	1.17
JOHN DAY	0.43	0.5	1.17
JOHN DAY	38.07	38.14	1.17
THE DALLES-CALIFORNIA	45.57	45.63	1.17
JOHN DAY	0.51	0.55	1.17
JOHN DAY	38.34	38.38	1.17

BATTLE CREEK CONN. NO. 5	248.42	248.45	1.17
JOHN DAY	38.38	38.44	1.17
THE DALLES-CALIFORNIA	45.09	45.15	1.17
THE DALLES-CALIFORNIA	46.04	46.08	1.17
ENCHANTED WAY FRONT. RD	248.14	248.22	1.17
ENCHANTED WAY FRONT. RD	247.98	248.14	1.17
JOHN DAY	0.34	0.43	1.17
FOSSIL FRONTAGE RD.	58.09	58.15	1.17
JOHN DAY	92.6	92.7	1.17
CENTRAL OREGON	265.76	265.78	1.17
JOHN DAY	38.14	38.2	1.17
S. WOLF CREEK CONN. NO. 2	75.93	75.96	1.17
N DUFUR FRONTAGE RD.	12.61	12.75	1.17
HOUSE CREEK FRONTAGE RD.	64.93	65.1	1.17
JOHN DAY	92.7	92.78	1.17
CENTRAL OREGON	265.68	265.76	1.17
JOHN DAY	37.79	37.86	1.17
SUNNYSIDE RD. NO. 1	247.83	248.47	1.17
THE DALLES-CALIFORNIA	45.2	45.29	1.17
JOHN DAY	92.42	92.48	1.17
JOHN DAY	92.32	92.35	1.17
THE DALLES-CALIFORNIA	45.51	45.57	1.17
JOHN DAY	37.97	38.02	1.17
COLUMBIA RIVER HWY CONN. 1	0.55	0.72	1.17
BATTLE CREEK CONN. NO. 5	248.3	248.36	1.17
JOHN DAY	92.27	92.32	1.17
JOHN DAY	0.55	0.6	1.17
HOUSE CREEK FRONTAGE RD.	64.87	64.93	1.17
THE DALLES-CALIFORNIA	45.71	45.74	1.17
JOHN DAY	92.57	92.6	1.17
ENCHANTED WAY FRONT. RD	248.22	248.44	1.17
HISTORIC COLUMBIA RIVER	31.39	31.44	1.17
KLAMATH FALLS-MALIN	23.86	23.92	1.17
ALBANY-JUNCTION CITY	28.59	28.64	1.17
S FRONTAGE RD.	17.05	17.1	1.17
HEPPNER	46.02	46.03	1.17
MIST-CLATSKANIE	0.41	0.64	1.17
ALBANY-JUNCTION CITY	28.86	28.89	1.17
KLAMATH FALLS-MALIN	24	24.07	1.17
S FRONTAGE RD.	17.1	17.14	1.17
ALBANY-JUNCTION CITY	28.81	28.86	1.17
HILLSBORO-SILVERTON	28.11	28.14	1.17
HILLSBORO-SILVERTON	28.04	28.11	1.17
TUALATIN VALLEY	38.24	38.28	1.17
HEPPNER	45.53	45.54	1.17
MILL CITY CONN.	30.11	30.19	1.17
PACIFIC HIGHWAY WEST	101.01	101.1	1.17
HEPPNER	46.03	46.1	1.17
LA GRANDE-BAKER	31.7	31.76	1.17
YAMHILL-NEWBERG	0.43	0.49	1.17
KLAMATH FALLS-MALIN	24.18	24.25	1.17
HILLSBORO-SILVERTON	45.79	45.84	1.17
SE KELSO FRONTAGE RD.	21.07	21.15	1.17
HILLSBORO-SILVERTON	28.29	28.35	1.17
BLODGETT FRONTAGE ROAD	39.44	39.51	1.17
LA GRANDE-BAKER	31.54	31.63	1.17
KLAMATH FALLS-MALIN	24.07	24.11	1.17
BIG CREEK FRONTAGE RD.	83.48	83.63	1.17
YAMHILL-NEWBERG	0.36	0.43	1.17
LA GRANDE-BAKER	16.86	16.91	1.17
YAMHILL-NEWBERG	0.49	0.54	1.17
HEPPNER	45.96	46.02	1.17
HEPPNER	45.74	45.81	1.17
HILLSBORO-SILVERTON	28.19	28.24	1.17
TUALATIN VALLEY	38.2	38.24	1.17
HISTORIC COLUMBIA RIVER	31.52	31.57	1.17
HILLSBORO-SILVERTON	45.51	45.72	1.17
BOOTH BEND FRONTAGE RD.	45.16	45.29	1.17
HEPPNER	45.54	45.61	1.17
FREMONT	98.25	98.28	1.17
KLAMATH FALLS-MALIN	23.92	24	1.17
FREMONT	98.39	98.47	1.17
TUALATIN VALLEY	38.34	38.39	1.17
LA GRANDE-BAKER	15.93	15.98	1.17
PACIFIC HIGHWAY WEST	100.95	101.01	1.17
CRATER LAKE	20.15	20.23	1.17
HEPPNER	45.68	45.74	1.17

HILLSBORO-SILVERTON	27.82	27.85	1.17
LA GRANDE-BAKER	31.76	31.84	1.17
HEPPNER	45.89	45.96	1.17
HILLSBORO-SILVERTON	45.72	45.79	1.17
KLAMATH FALLS-MALIN	24.31	24.41	1.17
HISTORIC COLUMBIA RIVER	31.44	31.46	1.17
ALBANY-JUNCTION CITY	28.64	28.7	1.17
NEHALEM	61.98	62.03	1.17
HEPPNER	46.18	46.28	1.17
HILLSBORO-SILVERTON	27.85	27.92	1.17
PACIFIC HIGHWAY WEST	100.82	100.9	1.17
HISTORIC COLUMBIA RIVER	31.57	31.67	1.17
PACIFIC HIGHWAY WEST	100.68	100.82	1.17
TUALATIN VALLEY	37.5	37.58	1.17
E. WOODLANDS DR. FRONT. RD	42.55	42.59	1.17
MILL CITY CONN.	30.07	30.11	1.17
BIG CREEK FRONTAGE RD.	83.3	83.48	1.17
FREMONT	98.31	98.36	1.17
ALBANY-JUNCTION CITY	28.7	28.75	1.17
HILLSBORO-SILVERTON	45.84	45.9	1.17
HEPPNER	45.81	45.89	1.17
ALBANY-JUNCTION CITY	28.54	28.59	1.17
PACIFIC HIGHWAY WEST	100.9	100.95	1.17
TUALATIN VALLEY	38.31	38.34	1.17
NEHALEM	62.03	62.09	1.17
LA GRANDE-BAKER	31.63	31.7	1.17
FREMONT	98.36	98.39	1.17
HILLSBORO-SILVERTON	27.92	28.01	1.17
HEPPNER	46.1	46.18	1.17
FREMONT	98.53	98.78	1.17
HILLSBORO-SILVERTON	28.01	28.04	1.17
KLAMATH FALLS-MALIN	24.25	24.31	1.17
MIST-CLATSKANIE	0.37	0.41	1.17
LA GRANDE-BAKER	16.03	16.08	1.17
FREMONT	98.47	98.53	1.17
PACIFIC HIGHWAY WEST	44.17	44.26	1.17
KLAMATH FALLS-MALIN	24.41	24.49	1.17
FREMONT	98.28	98.31	1.17
MILL CITY CONN.	30.19	30.29	1.17
LA GRANDE-BAKER	31.84	31.91	1.17
CRATER LAKE	20.09	20.15	1.17
HEPPNER	45.61	45.68	1.17
HILLSBORO-SILVERTON	27.76	27.82	1.17
HILLSBORO-SILVERTON	28.24	28.29	1.17
ALBANY-JUNCTION CITY	28.48	28.54	1.17
HISTORIC COLUMBIA RIVER	31.46	31.52	1.17
KLAMATH FALLS-MALIN	24.15	24.18	1.17
ALSEA	39.96	40.04	1.17
HILLSBORO-SILVERTON	28.14	28.19	1.17
ALBANY-JUNCTION CITY	28.75	28.81	1.17
BELLEVUE-HOPEWELL	6.55	6.58	1.17
CRATER LAKE	20.23	20.24	1.17
KLAMATH FALLS-MALIN	24.11	24.15	1.17
LA GRANDE-BAKER	15.98	16.03	1.17
ALBANY-JUNCTION CITY	28.89	28.99	1.17
ALSEA	39.88	39.96	1.17
TUALATIN VALLEY	38.28	38.31	1.17
E. WOODLANDS DR. FRONT. RD	42.59	42.68	1.17
G FRONTAGE RD.	17.61	17.78	1.17
KLAMATH FALLS-MALIN	23.82	23.86	1.17
HISTORIC COLUMBIA RIVER	57.74	57.79	1.17
NEHALEM	62.09	62.15	1.17
POWERS	17.94	18.03	1.17
ODELL	2.247	2.26	1.17
PORT ORFORD	0.25	0.33	1.17
WESTON-ELGIN	40.38	40.48	1.17
BAKER-COPPERFIELD SPUR	54.63	54.64	1.17
LEXINGTON-ECHO	35.52	35.57	1.17
WASCO-HEPPNER	40.53	40.58	1.17
PORT ORFORD	0.62	0.69	1.17
WASCO-HEPPNER	41.07	41.13	1.17
CHILOQUIN SPUR	4.43	4.49	1.17
ALBANY-LYONS	9.71	9.75	1.17
ALBANY-LYONS	9.61	9.65	1.17
SUCCOR CREEK	11.78	11.91	1.17
ALBANY-LYONS	9.9	9.96	1.17
PORT ORFORD	0.4	0.5	1.17

COVE	13.61	13.65	1.17
HALFWAY-CORNUCOPIA	11.16	11.18	1.17
ODELL	2.7	2.72	1.17
LEXINGTON-ECHO	35.47	35.52	1.17
POWERS	18.12	18.15	1.17
LEXINGTON-ECHO	35.7	35.74	1.17
BAKER-COPPERFIELD SPUR	54.64	54.7	1.17
ODELL	2.23	2.28	1.17
CULVER	9.19	9.32	1.17
SUCCOR CREEK	11.91	11.98	1.17
HUNTINGTON	5.6	5.61	1.17
WESTON-ELGIN	40.25	40.38	1.17
LEXINGTON-ECHO	35.61	35.63	1.17
HOOD RIVER	16.88	16.96	1.17
LEXINGTON-ECHO	35.57	35.61	1.17
PORT ORFORD	0.33	0.4	1.17
WESTON-ELGIN	40.48	40.53	1.17
WASCO-HEPPNER	40.88	40.98	1.17
PORT ORFORD	1.14E-13	0.24	1.17
LEXINGTON-ECHO	35.74	35.84	1.17
STEENS	0.24	0.27	1.17
CHILOQUIN SPUR	4.49	4.53	1.17
HOOD RIVER	16.61	16.71	1.17
POWERS	18.11	18.12	1.17
HUNTINGTON	5.76	5.82	1.17
ODELL	2.64	2.7	1.17
LEXINGTON-ECHO	35.41	35.47	1.17
STEENS	0.2	0.22	1.17
WASCO-HEPPNER	40.98	41.07	1.17
BAKER-COPPERFIELD SPUR	54.56	54.63	1.17
LEXINGTON-ECHO	35.63	35.7	1.17
WASCO-HEPPNER	40.63	40.68	1.17
ODELL	2.28	2.38	1.17
HUNTINGTON	5.61	5.68	1.17
ALBANY-LYONS	9.85	9.9	1.17
PORT ORFORD	0.5	0.51	1.17
POWERS	18.03	18.11	1.17
SUCCOR CREEK	12.04	12.1	1.17
HALFWAY-CORNUCOPIA	11.04	11.15	1.17
HUNTINGTON	5.82	5.89	1.17
HALFWAY-CORNUCOPIA	11.29	11.45	1.17
WASCO-HEPPNER	40.58	40.63	1.17
SUCCOR CREEK	0.41	0.5	1.17
SUCCOR CREEK	11.98	12.04	1.17
WASCO-HEPPNER	41.13	41.17	1.17
ODELL	2.38	2.64	1.17
ATHENA-HOLDMAN	17.09	17.12	1.17
COVE	13.65	13.72	1.17
HALFWAY-CORNUCOPIA	11.15	11.16	1.17
ODELL	2.264610601	2.28	1.17
HOOD RIVER	16.71	16.77	1.17
SUCCOR CREEK	12.1	12.18	1.17
STEENS	0.27	0.33	1.17
PORT ORFORD	0.51	0.62	1.17
CHILOQUIN SPUR	4.53	4.58	1.17
COVE	13.47	13.52	1.17
ALBANY-LYONS	9.65	9.71	1.17
ATHENA-HOLDMAN	17.12	17.14	1.17
PORT ORFORD	0.24	0.25	1.17
COVE	13.34	13.47	1.17
WASCO-HEPPNER	84.03	84.12	1.17
POWERS	18.33	18.36	1.17
HOOD RIVER	16.77	16.79	1.17
ODELL	2.21	2.23	1.17
COVE	13.52	13.58	1.17
WASCO-HEPPNER	40.48	40.53	1.17
COVE	13.58	13.61	1.17
ALBANY-LYONS	9.8	9.85	1.17
HALFWAY-CORNUCOPIA	11.18	11.29	1.17
BAKER-COPPERFIELD SPUR	54.49	54.56	1.17
POWERS	18.15	18.33	1.17
HALFWAY-CORNUCOPIA	10.93	10.97	1.17
CULVER	9.12	9.19	1.17
HALFWAY-CORNUCOPIA	10.97	11.04	1.17
ODELL	2.21	2.26	1.17
ALBANY-LYONS	9.75	9.8	1.17
HOOD RIVER	16.84	16.88	1.17

SHERARS BRIDGE	28.35	28.36	1.17
HUNTINGTON	5.68	5.76	1.17
PINE CREEK	1.14E-13	0.25	1.17
STEENS	0.22	0.24	1.17
HOOD RIVER	16.79	16.84	1.17
ODELL	2.16	2.21	1.17
SUNSET BLVD. CONN. NO. 3	29.56	29.66	1
OLD EMIGRANT HILL FR. NO.1	239.02	239.07	1
ECOLA PARK FRONTAGE RD.	28.51	28.58	1
SUNNY VALLEY CONN. NO. 3	71.3	71.33	1
DEADMANS PASS MEACHAM FR.	233.51	234.12	1
OLD EMIGRANT HILL FR. NO.1	233.95	234.91	1
WARREN O'XING CONN. NO. 4	31.23	31.26	1
OLD EMIGRANT HILL FR. NO.1	238.86	239.02	1
ECOLA PARK FRONTAGE RD.	28.39	28.51	1
SUNNY VALLEY CONN. NO. 3	71.45	71.52	1
SUNNY VALLEY CONN. NO. 2	71.51	71.56	1
SUNSET BLVD. CONN. NO. 4	29.51	29.56	1
S SAUNDERS LAKE FRONT RD.	226.95	227.11	1
SUNNY VALLEY CONN. NO. 3	71.24	71.3	1
OLD EMIGRANT HILL FR. NO.1	239.07	239.18	1
OLD EMIGRANT HILL FR. NO.1	235.18	235.25	1
OLD EMIGRANT HILL FR. NO.1	239.18	239.4	1
OLD EMIGRANT HILL FR. NO.1	235.11	235.18	1
OLD EMIGRANT HILL FR. NO.1	236.89	237.26	1
SUNNY VALLEY FRONT. RD. #2	71.21	71.42	1
WILBUR-UMPQUA FRONTAGE RD.	131.91	132.01	1
OLD EMIGRANT HILL FR. NO.1	237.26	238.59	1
ECOLA PARK FRONTAGE RD.	28.58	28.65	1
JUMPOFF JOE CONN. 2	66.27	66.48	1
WARREN O'XING CONN. NO. 2	31.19	31.23	1
OLD EMIGRANT HILL FR. NO.1	238.72	238.86	1
ALSEA	0.1	0.16	1
OTIS CONN.	1.34	1.36	1
NETARTS	2.47	2.48	1
ALSTON INTERCH. CONN.NO. 1	52.38	52.42	1
E. ARLIE MITCHELL RD. NO 2	43.99	44.05	1
ALSEA	0.48	0.5	1
VICTORY LANE FRONTAGE RD.	33.12	33.18	1
NETARTS	2.22	2.32	1
ALSEA	0.44	0.48	1
RICKREALL FRONTAGE RD.	57.86	57.94	1
ALSEA	0.5	0.61	1
ALSEA	0.26	0.28	1
SUMMERTIME DR. FRONTAGE RD	33	33.12	1
ALSEA	6.00E-02	0.1	1
ALSEA	0.28	0.35	1
NETARTS	2.87	3.01	1
NETARTS	2.32	2.38	1
ALSEA	0.16	0.2	1
NETARTS	2.43	2.47	1
NETARTS	2.71	2.76	1
E. ARLIE MITCHELL RD. NO 2	44.05	44.08	1
NETARTS	2.38	2.43	1
ALSEA	0.2	0.26	1
ALSEA	0.35	0.44	1
NETARTS	2.76	2.87	1
SUMMERTIME DR. FRONTAGE RD	33.12	33.13	1
NETARTS	2.48	2.67	1
HOGUE DR. CONN.	20.35	20.37	1
NETARTS	2.67	2.71	1
SUMPTER	0.61	0.76	1
SUMPTER	0.76	0.87	1
WOLCOTT RD. FRONTAGE RD.	1.03	1.22	1
SUMPTER	0.56	0.61	1
SUMPTER	0.52	0.56	1

Task 3 Memorandum

BICYCLE SAFETY

KITTELSON & ASSOCIATES

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MEMORANDUM

Date: October 2, 2020 Project #: 23900

To: Doug Bish, Christina McDaniel-Wilson, Amanda Salyer, Susan Peithman, *Oregon Department of Transportation*; Darren McDaniel, *Texas Department of Transportation;* Ann Hartell, Sid Mohan, *National Cooperative Highway Research Program*

From: Nick Gross, Matt Braughton, RSP, Nick Foster, AICP, RSP, and Brian L. Ray, PE, *Kittelson & Associates, Inc.*; Lacy Brown, *DKS*; Chris Monsere, *Portland State University*

Project: NCHRP 20-44(13): Implementation of NCHRP Research Report 893: The Oregon DOT Statewide Pedestrian and Bicycle Plan

Subject: Subtask 3.1 Bicycle Systemic Safety Analysis Memorandum

BICYCLE SAFETY IMPLEMENTATION PLAN

INTRODUCTION

Over the 11-year period between 2007 and 2017, there has been on average nearly 900 crashes/year involving people bicycling, including about 70 fatal and serious injury crashes per year. During this time, this number has oscillated between a high of 92 fatal and serious injury crashes in 2008 and a low of 44 such crashes in 2010. Bicycle crashes also make up about 3% of all fatal crashes during this time period in Oregon, while accounting for about 2% of all commute trips (US Census Bureau, 2020), a difference of about 50%.

Similar to pedestrian crashes, bicycle crashes are less frequent than motor-vehicle crashes and crashes tend to be spread across the network, as opposed to concentrated into consistent locations. This makes it difficult to apply crash-history based screening methods (e.g., potential for safety improvement, critical crash rate, crash frequency) to identify and treat promising locations for reducing bicycle crashes. The systemic safety approach, which considers the potential for crashes to occur at locations across a network, is a means to overcome this challenge.

In response to these trends, the Oregon Department of Transportation (ODOT) has successfully procured funds through the National Cooperative Highway Research Program (NCHRP) to develop this bicycle systemic safety plan for Oregon via research project 20-44(13). This plan takes a data-driven approach in identifying risk factors for bicycle crashes, high risk locations, and countermeasures to address these risks. As noted in the previously submitted *Pedestrian Systemic Safety Analysis* memorandum (August 12, 2020), this will be accomplished following the process outlined in *NCHRP Research Report 893: Systemic Pedestrian Safety Analysis (NCHRP, 2018)*. The results of NCHRP 20-44(13) will update the *Oregon Department of Transportation Pedestrian and Bicycle Safety Implementation Plan. (ODOT, 2014)* and inform future iterations of ODOT's All Roads Transportation Safety (ARTS) program, through which ODOT Regions and local agencies may apply for project funding to reduce crashes on Oregon's public roads.

This memorandum documents the *NCHRP Research Report 893* process applied to the Oregon State highway system for bicycles. It can also be used as a resource, in conjunction with *NCHRP Research Report 893,* by ODOT and local agency staff in completing their own systemic bicycle safety analyses and program development efforts, including applying for ARTS program funding, updating the analysis documented in this memo, or developing a jurisdiction-specific program.

NCHRP Research Report 893: Systemic Pedestrian Safety Analysis

NCHRP Research Report 893: Systemic Pedestrian Safety Analysis provides a methodology to address pedestrian safety performance. It describes a systemic approach, as opposed to a location-focused approach, to proactively identify sites for potential safety improvements based on specific risk factors. *NCHRP Research Report 893* does not explicitly address systemic safety for bicyclists. However, bicycle and pedestrian crashes share some common characteristics, including:

- They occur relatively less frequently than motor vehicle crashes and are often better addressed through a systemic process instead of a location-focused process
- Exposure (volume) data is often not as readily available for either mode as it is for motor vehicles
- Bicyclists and pedestrians are considered vulnerable road users

Therefore, many of the same principles described in the NCHRP report can be applied to bicycle crashes, too. The primary limitation of applying *NCHRP Research Report 893* to bicycle crashes is that the report contains useful information about pedestrian crash risk factors and countermeasures, which is not typically applicable to bicycle crashes.

Figure 1 presents seven key steps in a systemic bicycle safety analysis process. The steps are depicted in linear sequence but some steps may occur simultaneously, in different orders, or iteratively.

Figure 1: Steps in a Systemic Pedestrian Safety Analysis Process



Plan Outline

This memorandum describes the bicycle safety implementation plan as applied to the Oregon State highway system. It follows the seven steps outlined in *NCHRP Research Report 893,* as summarized below:

- **Steps 1 – 3 (Study Scope, Data Collection, and Risk Factors)** – These steps have been completed within the context of existing available data. The risk factors identified in Step 3 are useful to ODOT Region and local agency staff in identifying sites within their jurisdiction that could most benefit from bicycle safety projects (see Step 4) and in applying for ARTS funds.

- **Step 4 (Identifying Potential Treatment Sites)** – State highways have been screened and prioritized using the risk factors identified in Step 3. The process followed in Step 4 can be replicated within local agency jurisdictions to identify locations for potential bicycle safety projects. The process can be tailored to the available data within the jurisdiction.
- **Step 5 (Selecting Potential Countermeasures)** – Twenty-five sites on State highways have been selected and examined for potential countermeasures to address the identified risk factors. To illustrate a range of applications, the sites selected for this analysis are a mix of urban, suburban, and rural locations and each one includes segment and intersection related risk factors. They include locations with multiple crashes per year and locations without any documented crash history in the study period (i.e., the last 11 years). *The countermeasures shown in this step are examples ODOT could consider at each location based on the identified risk factors and roadway and intersection characteristics.* They are illustrative examples for how an agency could start this step. ODOT may wish to further evaluate these locations to select the final set of countermeasures.
- **Steps 6 – 7 (Implementation and Evaluation)** – These steps are not completed in this project since countermeasures are not selected in Step 5. Instead, this memorandum describes how these steps could be completed within the context of ODOT's ARTS program and *NCHRP Research Report 893* recommendations.

Each step is described further in the following sections.

STEP 1: DEFINING THE STUDY SCOPE

Step 1 involves defining the analysis area and identifying the facility type or particular locations types for systemic focus. This step sets the stage for subsequent steps.

Defining the Study Area

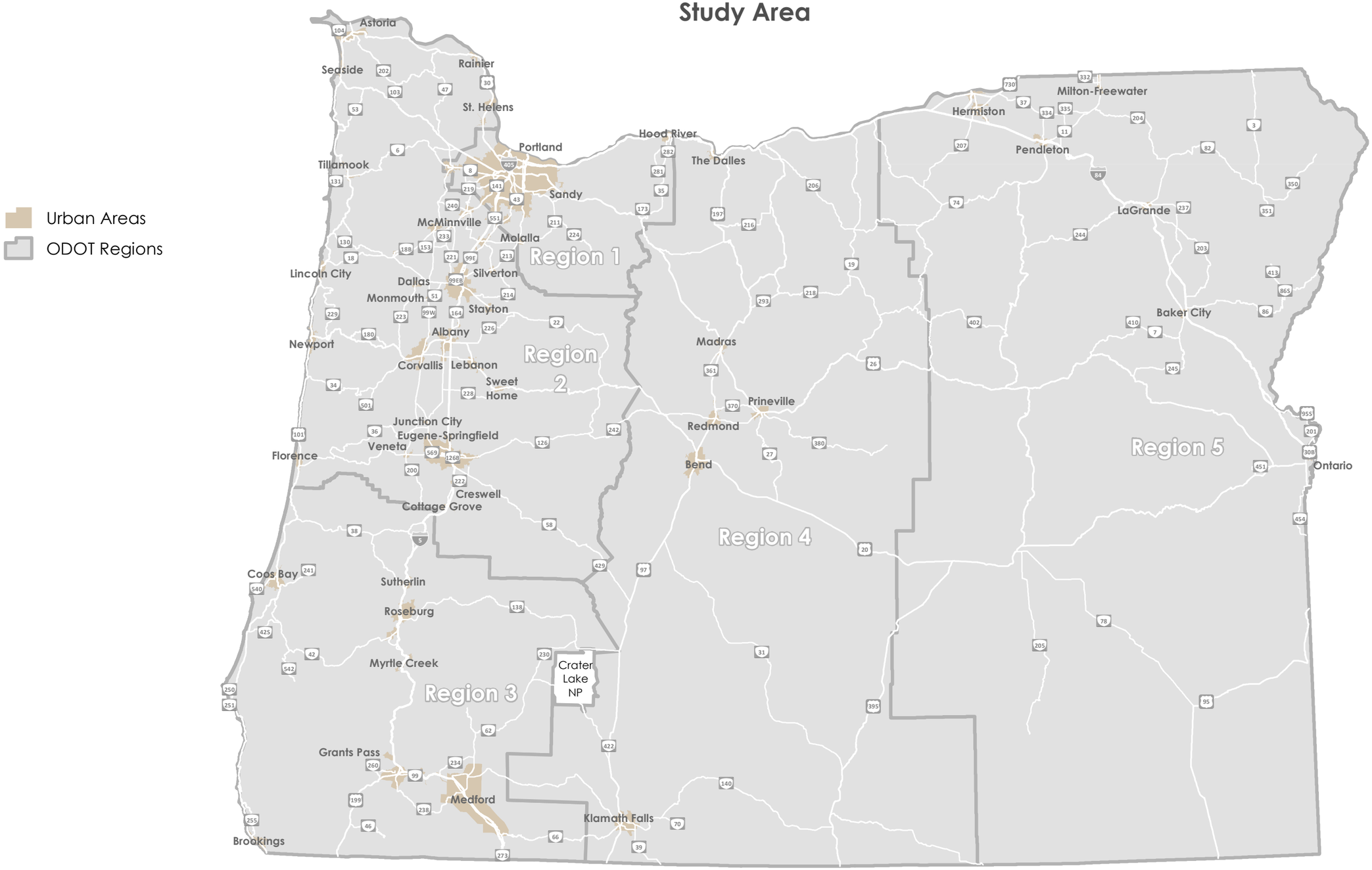
The study area for this plan is all public roadways in Oregon for which data is available from ODOT. Figure 2 illustrates the study area.

Identifying One or More Target Facility or Location Types

The consultant team developed two crash trees using crash data provided by ODOT from 2007 to 2017. One for all bicycle crashes and one for fatal and serious injury (i.e., Injury "A") crashes. The crash trees analysis identifies high frequency locations and crash type combinations. ODOT and the consultant team used it to identify focus areas in subsequent steps in this plan. The crash trees are shown in Figure 3.

This analysis results showed approximately 95% of reported bicycle crashes across all severities, and 88% of fatal and serious injury crashes, occur in urban areas, which are defined by the Federal Highway Administration (FHWA) and include locations with a population of 5,000 or more. Based on this finding, ODOT staff recommended this plan focus on urban areas, though rural areas are still considered.

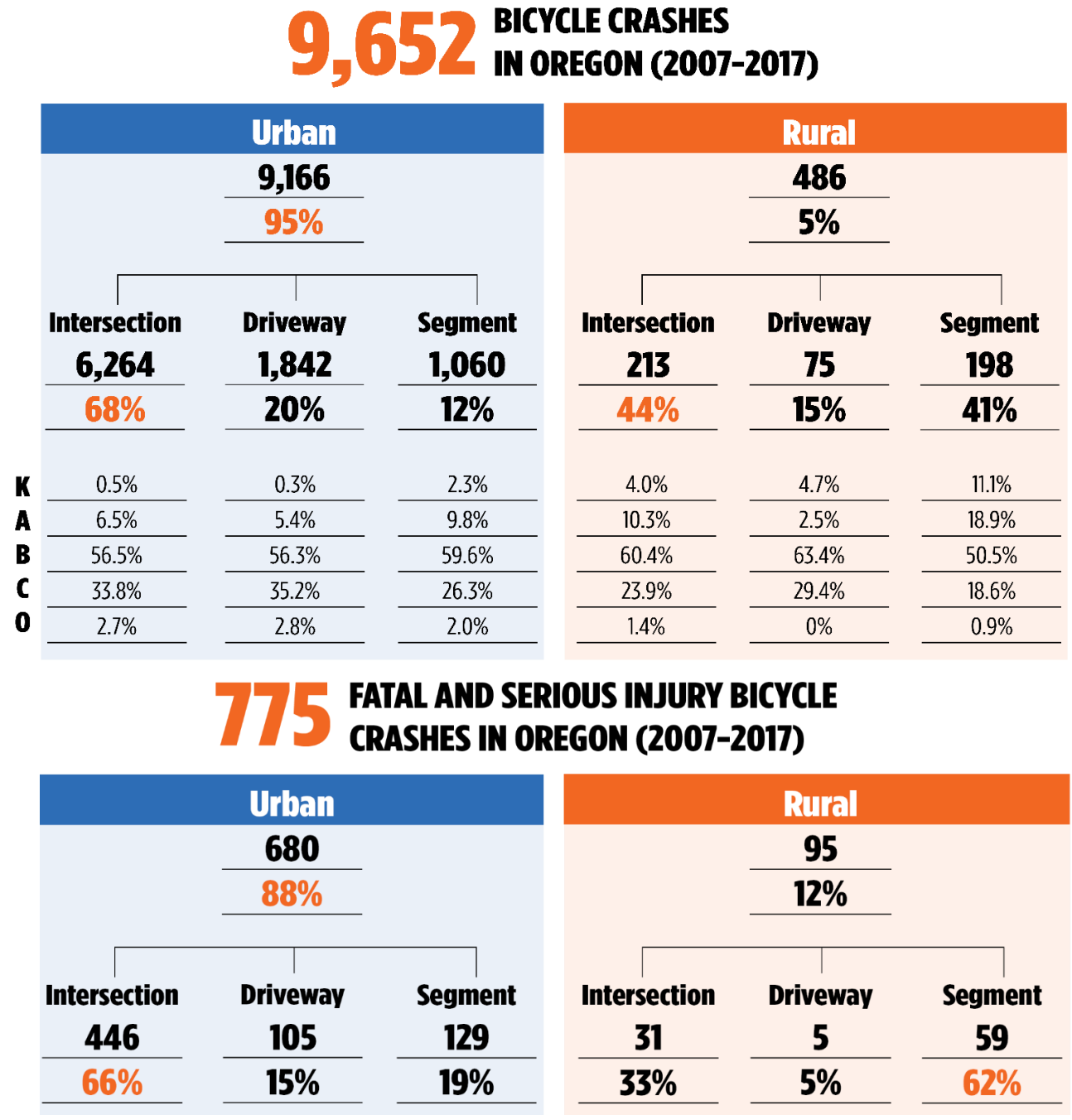
Figure 2 - Bicycle Systemic Safety Analysis Study Area



H:\23\23900 - NCHRP 20-44 - ODOT Ped Bike Safety Plan\gis\site selection\02 - Bike Risk Factors - Study Area.mxd Date: 8/17/2020

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Figure 3: Oregon Bicycle Crashes by Area and Facility Type



K: Fatal Injury
A: Suspected Serious Injury
B: Suspected Minor Injury
C: Possible Injury
O: No Apparent Injury

As summarized in Figure 3, roughly two-thirds of urban crashes occurred at intersections while rural crashes were closely balanced between intersections (44%) and segments (41%). This balance in rural areas shifted when considering only fatal and serious injury crashes; however, the sample size of these crash severities in rural areas is small. The distribution of fatal and serious injury crashes in urban areas is similar to the distribution of crashes of all severities, though more fatal and serious injury crashes happen along segments compared to at driveways, which is the opposite of crashes of all severities.

Other findings from this first-level analysis include:

- Most bicycle crashes resulted in a moderate injury (Injury "B") or suspected minor injury (Injury "C").
- About 20% of all bicycle crashes during this time were reported on the State highway system.
- Most, about 78% of, segment crashes involved a bicycle riding along the roadway, while 22% involved a bicycle crossing the roadway.

STEP 2: COMPILING AVAILABLE DATA

Step 2 involves compiling data to support future steps. The consultant team obtained infrastructure, crash, sociodemographic and land-use, and volume data from multiple agencies. ODOT provided most data. The consultant team also obtained data from Metro and the cities of Portland, Eugene, and Bend. Only data made readily available in a geographic information system (GIS) form was compiled as part of Step 2. Table 1 illustrates a summary of the compiled dataset.

Table 1: Dataset

Data Type	Eugene	Portland	Bend	ODOT
Vehicle Counts		X		X
Zoning	X	X	X	X
Parks	X	X	X	X
Schools	X	X	X	X
Transit Stops				X
Functional Class	X	X	X	X
Ped Facility	X	X	X	X
Bike Facility	X	X		X
Trails/Shared-use Paths	X	X		X
Road Centerlines	X	X	X	X
Road Lanes			X	X
Road Shoulders				X
Road Speed	X	X		X
Traffic Signals	X	X	X	X
Enhanced Crossings	X			X
Crashes 2007 - 2017				X
SPIS Data 2009 – 2015				X

Infrastructure Data

The consultant team obtained Infrastructure data (facility type and location) through local jurisdiction and State coordination. Each infrastructure dataset differed in format, completeness, and consistency. For example, shoulder data was available for ODOT facilities, but not for local roads. Datasets were obtained in GIS format with differing attribute table formatting.

Crash Data

ODOT provided the 11 most recent years of available bicycle crash data (2007-2017), including crashes where a bicyclist was struck. The consultant team filtered the dataset to exclude crashes on Interstates or other full access-controlled facilities. The resulting dataset includes 9,652 crashes.

The crash data contains useful information for identifying risk factors. It contains infrastructure and user action related items, including, for example, whether the crash occurred at an intersection, involved a turning movement, and whether or not the pedestrian was crossing the road or walking along the shoulder.

Land-use & Demographic Data

Eugene, Bend, and Metro provided land-use data including zoning and parks. ODOT also provided zoning data through the Oregon Spatial Data Library (OSDL). Statewide school location data was obtained through the Longitudinal Employer-Household Dynamics data set *(LEHD, 2017)*. The American Community Survey 2017 estimates *(ACS, 2017*) provided population, employment, and bike-to-work data by block group.

The consultant team used this data to identify potential risk factors and treatment sites as described in Steps 3 and 4.

STEP 3: DETERMINING RISK FACTORS

Step 3 involves analyzing the data collected as part of Step 2 to determine risk factors associated with bicycle crashes. Table 2 summarizes the variables investigated as part of the risk factor identification process.

Table 2: External Data Variables Investigated

Data Element	Source
Functional Classification	Crash Data (RICS)
Number of Lanes	Crash Data (RICS), ODOT, Metro, Bend
Median Type	Crash Data (RICS)
Posted Speed	(Crash Data (RICS), Portland, Metro, Eugene
Sidewalk Presence	ODOT, Metro, Bend, Eugene
Shoulder Width	ODOT
Schools Nearby	OSDL, Eugene, Bend, Metro
Transit Stops Nearby	ODOT
SPIS Locations	ODOT
Land Use/Zoning	OSDL, Eugene, Bend, Metro
Driveway Density	ODOT
Annual Average Daily Traffic (AADT)	ODOT
Demographics	ODOT
Scenic Bikeways	ODOT

Evaluation Tools

The consultant team evaluated the data using GIS software and Microsoft Excel as follows:

- Data elements from Table 2 not included in the crash database were spatially joined to the crash data using GIS software.
- Trend analyses were completed using crash trees and pivot tables within Excel.

Each crash was assigned a score based on severity to account for crash severity, in addition to frequency. Property damage only (PDO) crashes were assigned a score of 1, non-serious injury crashes were assigned a score of 10, and severe injury and fatal crashes were assigned a score of 100 (these relative weighting factors are consistent with the ODOT Safety Priority Index System calculations). These scores were then aggregated for different risk factors as part of the evaluation process.

Risk Factors

Risk factors identified from this analysis were categorized based on roadway characteristics and context factors (i.e., proximity to transit and schools). The consultant team reviewed the initial list of potential risk factors against the list of potential countermeasures to be used in Step 5 and against each other (for possible correlation). Based on this review, the consultant team identified the risk factors shown in Table 3. Most of these factors are used in the site selection process in Step 4, but not all could be used in that process given their lack of availability across the State highway system.

Table 3: Risk Factors

Risk Factor	Facility Type	Urban	Rural
Roadway Characteristics			
Principal Arterial	General	X	X
Minor Arterial	General	X	
Number of Lanes (>= 4 Lanes)	Segment	X	X
Posted Speed (>=35 mph)	Segment	X	X
No Bike Lanes	Segment	X	
Context			
Mixed Use Zoning	General	X	
High Density Access (>80 driveways per mile)	Segment	X	
Proximity to Schools (1 Mile)	General	X	X
Proximity to Transit Stops (1/4 Mile)	General	X	X
Demographics			
Population over the Age of 64	General	X	X
Other Risk Factors (Not Used in Screening Due to Data Availability)			
Scenic Bikeways	General	X	X
Time of Day	General	X	X
Lighting	Intersection	X	X

The following sections further describe each of these factors , as well as how exposure is addressed. A more detailed description of this analysis can be found in Attachment "A."

Roadway Characteristic Factors

Principal and Minor Arterials

Approximately 62% of reported bicycle crashes occurred on urban **arterials** (principal and minor), which make up only about 8% of roadway mileage in Oregon. The severity of crashes on principal **arterials** is higher than on any other functional classification, with 37% of reported bicycle crashes on them resulting in a fatality or serious injury compared to approximately 8% of all reported bicycle crashes.

Number of Lanes

Approximately 34% of bicycles crashes occurred on **4-lane** roadways, which account for about 6% of non-Interstate roadway mileage in Oregon. Severity per crash data indicates crashes on **4-lane and 5-lane** roadways have higher severities. About 39% of all fatal and severe injury bike crashes in urban areas occur on 4-lane and 5-lane roadways.

High-Access Density

ODOT provided access location information for State highways to calculate access density (i.e., accesses/mile) for the roadway segment on which a crash occurred. Nealy 60% of the **urban** segment bicycle crashes occurred on state highways with more than **80 driveways per mile**.

No Bike Lanes

Over 62% of bicycle crashes on urban segments in Eugene and Portland occurred on roadways with **no bicycle facilities** (including bike lanes and bicycle boulevards/neighborhood greenways). Statewide, bike lanes are included on approximately 31% of highways, however, 23% of bike crashes occurred on roads with a bike lane.

Posted Speed

Roads with higher speeds generally have greater crash severity. Of the urban segment and intersection crashes with posted speed information available, nearly 30% occurred on roadways with a posted speed of **35 mph**, followed by 25 mph (20%) and 30 mph (17%). There is a spike in crash severity at speeds of **40 mph** or greater, with equivalent property damage only (EPDO) scores, a measure of crash severity, increasing by about 15% at this speed. On urban segments, crashes on roads with speed limits of less than 35 MPH are less likely to result in a fatality or serious injury compared to roads with speed limits of 35 MPH or higher.

Context Factors

Mixed-Use Zoning

The consultant team gathered zoning information for approximately 38% of the state (based on total acreage). Across the state, bicycle crashes on urban roadways most occurred in areas with **mixed use zoning** (26%), followed by residential (20%), and commercial (15%).

Proximity to Schools

Across the state, 43% of crashes occurred within **¼-mile of a school**. Approximately 46% of crashes in Bend, Eugene, and Portland urban areas occurred within ¼-mile of a school. Ultimately, the consultant team chose to use 1-mile from schools as the screening criteria to maintain consistency with the pedestrian analysis and with ODOT's Safe Routes to School Competitive Infrastructure grant program.

Proximity to Transit

Across the state, 84% of bicycle crashes occurred within **¼ mile of a transit stop**, including about 87% of rural crashes.

Demographic Factors

The consultant team in consultation with ODOT staff evaluated whether there was a correlation between two age categories and bicycle crashes: Individuals under 25 years old and individuals 65 years and older. These two age categories are generally consistent with the emphasis areas identified in the *Oregon Transportation Safety Action Plan (TSAP) 2016 (ODOT, 2016)*.

This analysis was accomplished by categorizing US Census Block Groups into quintiles (i.e., 20% bins) based on the proportion of the population of each age group (e.g., Census Block Groups in the top 20% quintile for people under 25 years old have the highest proportions of population younger than 25 years old in Oregon). Table 4 summarizes the results of this analysis.

Table 4 Age and Crash Severity

Population Ranking	% of Crashes that are Fatal/Severe	
	Under 25 Years Old Block Groups	65 Years and Older Block Groups
Top 20%	12.5%	16.8%
2nd Highest 20%	14.3%	16.4%
Middle 20%	14.2%	13.5%
4th Highest 20%	14.4%	14.0%
Lowest 20%	13.4%	12.6%

Based on these results, the consultant team, in consultation with ODOT, selected the top two quintiles for population 65 years and older as a screening risk factor. The percentage of bicycle crashes that result in a fatality or serious injury are generally consistent across all quintiles of the under 25 years old population.

Other Risk Factors

The risk factors previously discussed are useful for screening and prioritizing sites since data about them is available statewide and/or on ODOT highways. The risk factor analysis identified other factors worth considering when evaluating specific sites with more detailed data, including:

- **Lighting** – Intersections and roadway segments lacking lighting could be potential sites for higher conflicts between vehicles and bicyclists at nighttime. Approximately 20% of reported fatal and serious injury crashes occurred during dark conditions, though 14% of reported bicycle crashes occurred during the same condition.
- **Scenic Bikeways** – Scenic bikeways may attract higher bicycle volumes than similar roadways without the designation and as a result could be potential sites for higher conflicts between vehicles and bicycles. The data analysis results did not identify obvious crash trends or patterns associated with Scenic Bikeways, though the sample size was limited (i.e., 120 crashes over 11 years). The 25 bicycle sites described in Step 4 were selected considering Oregon's designated Scenic Bikeways.
- **High Turning Volumes at Intersections**
    - Approximately 68% of reported crashes at urban signalized intersections involved a left- (24%) or right-turning (44%) vehicle. However, the proportion of fatal and serious injury crashes is more similar (i.e., 24% of these crashes involve a left-turning vehicle and 27% involve a right-turning vehicle), indicating crashes involving left-turning vehicles were more likely to result in a fatality or serious injury than crashes involving a right-turning vehicle.
        - This is different than for pedestrians, where left-turning vehicles accounted for higher percentages of all and fatal and serious injury crashes (i.e., 50% and 35%, compared to 25% and 16% for right-turning vehicles).
    - About 53% of reported crashes at stop-controlled intersections involved a turning vehicle.
    - Crashes involving vehicles traveling straight were the most likely to be severe.
- **Left-turn Signal Phasing** - Related to turning volumes, evaluating signal phasing to identify locations with permissive left-turns could be useful in identifying sites with a higher potential for conflict between left-turning vehicles and bicyclists.

Future Data Collection Priorities

The risk factors described in this section were selected based on available data. Priority data to collect for future analyses to further assess bicycle safety risk factors include:

- Left-turn signal phasing
- Bicycle volumes
- Turning movement volumes
- Crossing treatments where trails or paths cross the road midblock

- Lighting presence
- Presence and type of intersection treatments (e.g., bike boxes, protected intersections)

STEP 4: IDENTIFYING POTENTIAL TREATMENT SITES

In Step 4, the research team identified candidate sites with the greatest crash potential. This was accomplished using the risk factors identified in Table 3 through the following steps:

1. Weighting the risk factors based on their equivalent property damage only (EPDO) scores, a measure of crash severity, the results of which are summarized in Table 5.

Table 5 Risk Factor Screening Weights

Risk Factor	Risk Factor Weights	
	Urban	Rural
Principal Arterial	1.13	1.39
Minor Arterials	1.07	--
Number of Lanes (>= 4 Lanes)	1.08	--
Posted Speed (>=35 mph)	1.11	1.09
No Bike Lane	1.06	--
High-Access Density	1.02	--
Mixed Use Zoning	1.00	--
Proximity to Schools (1 Mile)	1.01	1.00
Proximity to Transit Stops (1/4 Mile)	1.03	1.03
High Population over the Age of 64	1.00	1.00

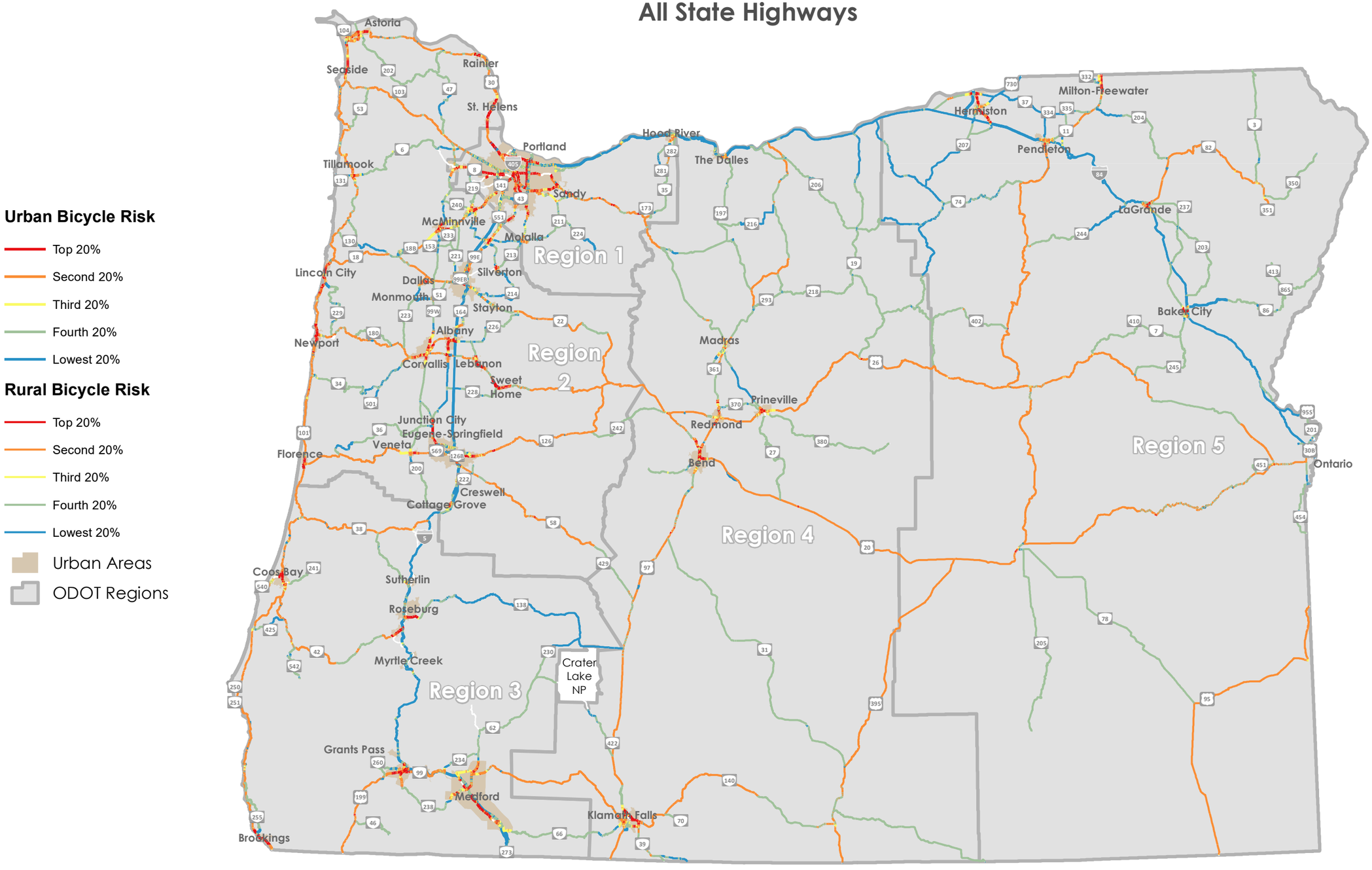
2. Using these weighted values to score State highway segments. Attachment "B" contains more detailed documentation of how this was accomplished in ArcGIS software.
3. Dividing the scored segments into quintiles (i.e., 20% bins) based on urban/rural contexts.

Figure 4 illustrates the results of this process.

The consultant team worked with ODOT staff to identify 25 sites for further evaluation. These sites were typically selected from the two highest risk categories with the following objectives in mind: 1) The sites represent a range of land-use contexts; and 2) They include sites with no, or limited, crash history. Preference was given to sites in the top 20% of risk factor scoring, but sites from lower tiers were also needed in order to meet these criteria. This final set of 25 sites is shown in Figure 5 and listed in Table 6.

A complete list of State highway segment risk scores is included in Attachment "C"

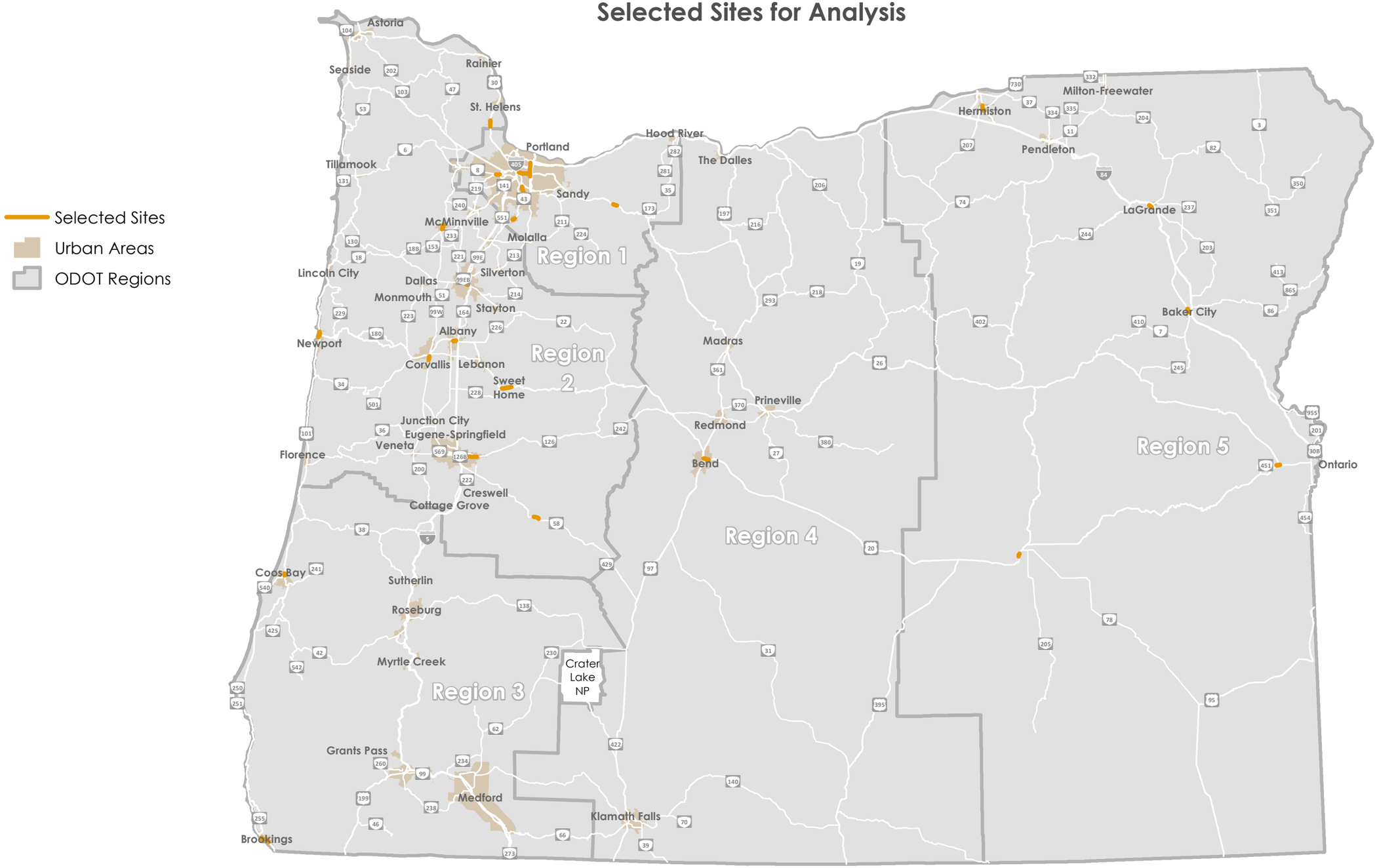
Figure 4 - Bicycle Risk Factor Screening
All State Highways



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Figure 5 - Bicycle Risk Factor Screening
Selected Sites for Analysis



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Table 6: Final Set of 25 Bicycle Sites

Corridor ID	Corridor Name	Highway Name	From Street	To Street	City/ Community	Corridor Length (Miles)	Type	ODOT Region	Bicycle Risk Score	Bicycle Risk Quintile	Bicycle Crashes
1	82nd Avenue	OR 213	NE Sandy Boulevard	SE Foster Road	Portland	4.81	Urban	1	8.055	Top 20%	63
2	Powell Boulevard	US 26	Martin Luther King Jr. Boulevard	SE 82nd Avenue	Portland	4.03	Urban	1	7.702	Top 20%	56
3	SE McLoughlin Boulevard	OR 99E	SE Park Avenue	Arlington Street	Oak Grove	4.15	Urban	1	6.313	Top 20%	36
4	Columbia River Highway	US 30	Crown Zellerbach Road	Johnson's Landing Road	Scappoose	2.21	Urban	2	5.871	Top 20%	11
5	Oregon Coast Highway	US 101	NW 25th Street	SW 10th Street	Newport	2.16	Urban	2	6.662	Top 20%	19
6	Oregon Coast Highway	US 101	Parkview Drive	E Benham Lane	Brookings	3.45	Urban	3	5.989	Top 20%	12
7	La Grande - Baker Highway	US 30	Hughes Lane	Main Street	Baker City	1.83	Urban	5	6.409	Top 20%	2
8	Central Oregon Highway	US 20	NE 3rd Street	SE 27th Street	Bend	2.05	Urban	4	5.724	Top 20%	26
9	McKenzie Highway	OR 126	S 32nd Street	69th Place	Springfield	3.83	Urban	2	6.360	Top 20%	42
10	Salem Highway	OR 22	17th Street SE	Airport Road SE	Salem	1.15	Urban	2	6.371	Top 20%	18
11	Pacific Highway West	OR 99W	NE McDonald Lane	Linfield Avenue	McMinnville	3.28	Urban	2	5.494	Top 20%	24
12	Central Oregon Highway	US 26	Viking Drive	Hawley Loop	Vale	2.15	Rural	5	4.503	Second 20%	3
13	Willamette Highway	OR 58	Thatcher Lane	Hill Street	Oakridge	1.98	Rural	2	4.455	Second 20%	5
14	Santiam Highway	US 20	Pleasant Valley Road	53rd Avenue	Sweet Home	3.51	Urban	2	5.734	Top 20%	13
15	Umatilla - Stanfield Highway	US 395	W Theatre Lane	E Evelyn Avenue	Hermiston	2.13	Urban	5	5.891	Top 20%	12
16	Pacific Highway East	OR 99E	15th Street	Railroad Avenue	Oregon City	0.73	Urban	1	6.922	Top 20%	6
17	Tualatin Valley Highway	OR 8	SW 117th Avenue	SW Murray Boulevard	Beaverton	1.39	Urban	1	6.893	Top 20%	9
18	La Grande – Baker Highway	US 30	Fourth Street	18th Street	La Grande	1.14	Urban	5	5.095	Second 20%	7
19	Pacific Highway East	OR 99E	S Pine Street	S Elm Street	Canby	0.97	Urban	1	7.026	Top 20%	10
20	Central Oregon Highway	US 20	W Hibbard Avenue	W Jamison Avenue	Hines	1.23	Rural	5	4.480	Second 20%	0
21	Oregon Coast Highway	US 101	Bay Street	Washington Avenue	North Bend	1.10	Urban	3	6.176	Top 20%	4
22	Mt. Hood Highway	US 26	E Arrah Wanna Boulevard	E Lolo Pass Road	Mt. Hood Villages	1.59	Rural	1	4.417	Second 20%	0
23	Albany - Junction City Highway	US 20	SE Burkhart Street	SE Jackson Street	Albany	1.80	Urban	2	4.899	Second 20%	16
24	Tualatin Valley Highway	OR 8	SE 10th Avenue	SW Dennis Avenue	Hillsboro	2.12	Urban	1	6.060	Top 20%	10
25	Pacific Highway West	OR 99W	SE Chapman Place	SE Rivergreen Avenue	Corvallis	1.44	Urban	2	5.538	Top 20%	22

STEP 5: SELECTING POTENTIAL COUNTERMEASURES

In Step 5, the consultant team identified countermeasures that could potentially address identified risks at each of the sites selected in Step 4.

The consultant team considered potential countermeasures based on the ODOT ARTS list, the Federal Highway Administration (FHWA) *Proven Safety Countermeasures* and Crash Modification Factors (CMF) Clearinghouse, and other literature. Potential countermeasures were only included if a crash reduction factor (CRF) was identified.

Table 7 summarizes the potential countermeasures considered as part of Step 5. These countermeasures are described in more detail, including information on potential applications and implementation considerations, in Attachment "D."

The process for selecting potential countermeasures at each of the 25 potential treatment sites identified in Step 4 included the following steps:

1. Reviewing existing conditions of potential treatment site including traffic and roadway data, land-use context, crash history, and risk factors present.
2. Based on this review, determining potentially relevant countermeasures.
3. Assessing the feasibility of countermeasure implementation upon reviewing aerial and street-level imagery.

Attachment "E" contains the results of this process for each of the 25 sites. *The countermeasures shown in this attachment are examples ODOT could consider at each location based on the identified risk factors and roadway and intersection characteristics*. They are meant to be illustrative as examples for how an agency could start this step. These representative sites require further evaluations before selecting countermeasures.

Table 7: Potential Countermeasures

Countermeasure #	ARTS # (if applicable) or Source	Countermeasure	CRF
1	BP2	Provide Intersection Lighting	42
2	BP3	Install Urban Leading Bicycle interval at Signalized Intersections	37
3	BP5	Install Urban Green Bike Lanes at Conflict Points	39
4	BP6	Install Bike Box at Conflict Points	35
5	BP7	Install Pedestrian Refuge Island	31
6	BP8	Install Rectangular Rapid Flashing Beacon (2-Lane Road)	10
7	BP9	Install Rectangular Rapid Flashing Beacon without Median (3-Lane or More Roadway)	10
8	BP10	Install Rectangular Rapid Flashing Beacon with Median (3-Lane or More Roadway)	56
9	BP11	Install Continental Crosswalk Markings and Advance Pedestrian Warning Signs at Uncontrolled Locations	15
10	BP12	Install Curb Ramps and Extensions with a Marked Crosswalk and Pedestrian Warning Signs	37
11	BP13	Install Advance Bicycle Warning Signs	5
12	BP14	Install Pedestrian Signal	55
13	BP15	Install Pedestrian Hybrid Beacon	55
14	BP16	Convert 4-Lane Roadway to 3-Lane Roadway with Center Turn Lane (Road Diet)	29
15	BP17	Install Bike Signal	45
16	BP18	Bike Lanes	36
17	BP19	Install Cycle Track	59
18	BP20	Install Buffered Bike Lanes	47
19	BP21	Prohibit Right-Turn-On-Red	41
20	BP22	Advanced Yield and Stop Markings & Signs	25
21	BP23	Install Bicycle Boulevard	63
22	BP24	Install Raised Crosswalk	30
23	I4	Replace Urban Permissive or Protected/Permissive Left Turns to Protected Only	99
24	I4A	Protected Left Turn - Split Side Street Signal Phasing	70

Countermeasure #	ARTS # (if applicable) or Source	Countermeasure	CRF
25	H16	Install Roundabout from Minor Road Stop Control	82
26	H17	Install Roundabout from Signalized Intersection	78
27	H20	Install urban traffic signal	67
28	H20	Install urban traffic signal	-143
29	H21	Install rural traffic signal	77
30	H21	Install rural traffic signal	-58
31	H30	Reduce urban driveway density from 48 to 26 to 48 per mile	29
32	H31	Reduce urban driveway density from 26 to 48 to 24 per mile	31
33	H32	Reduce urban driveway density from 10 to 24 to less than 10 per mile	25
34	H33	Provide a Raised Median, Urban 2-Lane Road	39
35	H34	Provide a Raised Median, Urban Multi-Lane Road	22
36	H35	Provide a Raised Median, Rural Multi-Lane Road	12
37	H43	Convert from Urban Two-Way to One-Way Traffic	47
38	RD18	Install widen paved shoulder by 1 ft.	6
39	RD19	Install widen paved shoulder by 2 ft.	13
40	RD20	Install widen paved shoulder by 3 ft.	18
41	CMFClearinghouse	Installation of raised bicycle crossing or other speed reducing measure for vehicles entering or leaving the side road	51
42	CMFClearinghouse	Install shared path	25
43	CMFClearinghouse	Provide Protected Left-Turn Phase	31
44	NACTO Urban Bikeway Design Guide	Install intersection crossing markings	35[1]
45	NACTO Urban Bikeway Design Guide	Install two-stage turn queue boxes	
46	NACTO Urban Bikeway Design Guide	Install protected intersections	
47	ODOT BUD	Street Trees	
48	ODOT BUD	Lane narrowing	

1. CRF derived from BP5: Install Urban Green Bike Lanes at Conflict Points

STEP 6: REFINING & IMPLEMENTING THE TREATMENT PLAN

Steps 6 and 7 have not been completed in this project since countermeasures are not selected in Step 5. Instead, the following discussion describes how these steps could be completed within the context of ODOT's ARTS program and *NCHRP Research Report 893* recommendations.

Step 6 prioritizes the countermeasures recommended in Step 5. In general, the process to refine and implement a systemic treatment involves the following activities, as identified in *NCHRP Research Report 893*.

- Consider additional community priorities
- Perform additional diagnostics
- Perform economic assessments
- Allocate funding and implement projects

Consider Additional Community Priorities

Prior to finalizing the selected countermeasure(s), consider inputs not accounted for in the previous steps. These inputs could include other data not already accounted for (e.g., site specific count volumes), planned land-uses or transportation projects, geographic diversity, equity, ongoing maintenance costs and needs, and other community priorities and considerations. *NCHRP Research Report 893* recommends consulting *NCHRP Research Report 803: Pedestrian and Bicycle Transportation Along Existing Roads* as a source of other considerations.

Perform Additional Diagnostics

If the prior steps have only included a desktop review, consider field visits (or virtual site visits) to the potential sites. These visits can reveal additional information about the potential feasibility of the selected countermeasure(s) and identify other items that may need to be addressed to reduce the risk of the site that are not captured in the data (e.g., observed behaviors). Consider also how the recommend countermeasure(s) may affect other users of the site.

Perform Economic Assessments

The ARTS program uses the Cost-Effectiveness Index (CEI) for the economic assessment. The CEI measures the expected cost per crash reduced over the lifespan of the proposed treatment (e.g., if a $40,000 project is expected to reduce 10 crashes over its lifespan of 20 years, then the value is $4,000/crash reduced).

ODOT provides a spreadsheet for ARTS funding applicants to use on its website. Jurisdictions use the CEI spreadsheet to determine the economic value of safety treatments at intersections and along roadway segments. It can be used to analyze multiple intersections and/or roadway segments at the same time.

This is particularly useful for systemic treatments since in the systemic process *all sites expected to be treated by a countermeasure, or set of countermeasures, should be grouped together for the economic assessment.* This is important since the goal is to prevent future crashes from occurring at

sites with identified risk factors, not all of which may have a crash history. These groupings can occur at various levels depending on the applying agency (e.g., installing rectangular rapid flashing beacons (RRFBs) at multiple locations in Salem, installing leading pedestrian intervals (LPIs) at multiple locations in ODOT Region 3).

The CEI spreadsheet uses the *Highway Safety Manual*'s predictive methodology to estimate the long-term expected crash frequency at an urban site. To use this methodology, the following data needs to be available, or estimated:

- Roadway or intersection type (divided/undivided, number of lanes)
- Segment length
- Vehicle volume (AADT of segment or entering vehicles at an intersection)
- Pedestrian or bicycle crossing volumes
- Type of parking
- Median width
- Presence of left- and right-turn lanes
- Presence of lighting
- Presence of automated speed and/or red-light enforcement
- Number of driveways
- Number of fixed objects
- Type of left-turn signal phasing
- Number of lanes crossed by pedestrians or bicyclists
- Presence of nearby by stops, schools, and alcohol sales establishments.

Values generally range from $500,000 to $3,000,000 and can be used to compare projects for ranking purposes (the lower the CEI cost value the better (*ODOT ARTS Program Summary Report, 2018*).

During this process, an agency may examine additional countermeasures or how projects are grouped to achieve a desirable CEI. As such, Steps 5 and 6 are sometimes repeated iteratively.

Allocate Funding and Implement Projects

ODOT allocates funding for systemic bicycle safety projects through the ARTS program. Funds are allocated to each region based on severe crash history. The regions are required to use at least half of the funds on systemic projects, which would be the funding source for systemic bicycle safety projects identified through this process.

STEP 7: EVALUATING PROGRAM & PROJECT IMPACTS

Step 7 includes evaluating and monitoring the systemic process based on the implemented treatments identified and prioritized in Steps 5 and 6. Generally, evaluation and monitoring focuses on one of two categories:

- **Program Implementation –** This entails evaluating progress made in implementing the program and could include monitoring and evaluating the following:
    - Whether the process described in Steps 1 through 6 are being carried out (i.e., is the process being implemented as intended?)
    - The level of funding being allocated to systemic bicycle safety projects
    - The number of systemic bicycle safety projects implemented
    - The time between when funding is allocated and when projects are implemented
    - Identifying implementation barriers and lessons learned (e.g., additional data needs, policy/funding challenges, training needs, additional coordination needed)
    - The percentage of locations in the Top 20% for risk factor scores (or other category) that have been treated
    - Number of ARTS applications submitted for systemic bicycle projects
- **Program Outcomes –** This includes evaluating the success of the program in achieving its goals (i.e., reducing pedestrian fatalities and injuries). Performance measures ODOT is considering using for this purpose include:
    - Number of bicycle fatalities and serious *injuries*, including breakouts by:
        - Roadway location (i.e., segment vs. intersection)
        - Functional classification
        - Posted speed (<35 mph and >= 35 mph)
        - Population 65 years and older
        - Roadway ownership (i.e., State vs. non-State), including breakouts by urban and rural
    - Number of bicyclist-involved fatal and serious injury *crashes*, including breakouts by the same categories as those described for the number of fatalities and injuries

The results of these evaluation and monitoring activities can be used to track progress and outcomes and to refine the process as necessary to increase its effectiveness. Evaluating implementation can be started immediately after funding is allocated. Feedback from ODOT Regions and local agencies is being used to identify opportunities for improving the ARTS program (DKS Associates, 2018).

Evaluating the outcomes of the program may take longer. Because the relatively low number of bicycle crashes occurring every year, the suggested outcome measures will likely require pooling

data across multiple treated sites over multiple before and after years to gain a meaningful sample size.

Performance monitoring can also extend beyond the safety-focused measures described previously. Evaluating projects beyond a safety perspective and considering how it supports connectivity, reliability, and other bicycle transportation goals is recommended.

A toolbox of recommended performance measures is documented in FHWA's *Guidebook for Developing Pedestrian and Bicycle Performance Measures* (FHWA, 2016). Additionally, ODOT is currently developing its own performance measures. These performance measures should be considered when evaluating the systemic program.

NEXT STEPS

This memorandum will be submitted to ODOT and the NCHPR panel. It will be reviewed with them in a conference call approximately two weeks after it is submitted. It will then be revised and shared with a stakeholder group of ODOT Region and local agency staff provided by ODOT and reviewed with them in a web meeting to be scheduled for about two weeks after the ODOT and NCHRP Panel review call.

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Attachment A
Risk Factor Analysis

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BICYCLE RISK FACTOR ANALYSIS

SUMMARY OF FINDINGS

DATE: June 12, 2020

TO: Nick Foster | Kittelson & Associates, Inc.

FROM: Lacy Brown | DKS Associates

SUBJECT: NCHRP Oregon Bike Ped Safety Plan DKS Project #19161-000

INTRODUCTION

The Oregon Department of Transportation (ODOT) seeks to use the methodology developed in NCHRP Research Report 893 to develop a plan for pedestrian and bicycle crashes. The methodology involves a systemic safety analysis that enables transportation agencies to identify, prioritize, and select appropriate countermeasures for locations with a high risk of pedestrian-related or bicycle-related crashes. The results of the analysis will be used by the state's Highway Safety Improvement Program (HSIP) to select and develop projects to improve safety for pedestrians and bicyclists.

A previous memorandum was completed that addressed the pedestrian risk factors. The following technical memorandum will summarize the bicycle crash data obtained from ODOT, assumptions used in the analysis and identify potential risk factors for bicycle crashes.

ANALYSIS ASSUMPTIONS

The crash data used in this analysis was collected over an 11-year span from 2007 to 2017. Of the 544,038 total crashes collected from ODOT, there were a total of 9,668 crashes involving at least one bicyclist (including property damage only (PDO) crashes). After data cleaning, a final total of 9,652 crashes were used for the risk factor analysis. Table 1 below provides a summary of the external data variables that were investigated, and associated assumptions used in this analysis.

TABLE 1: EXTERNAL DATA VARIABLES INVESTIGATED

Data Element	Source	Assumption	Coverage (% bicycle crashes with data)
Functional Classification	Crash Data (RICS)	Excludes interstates	100%
Number of Lanes	Crash Data (RICS), ODOT, Metro, Bend	-	34%
Median Type	Crash Data (RICS)	-	34%
Posted Speed	Crash Data (RICS), Portland, Metro, Eugene	-	61%
Sidewalk Presence	ODOT, Metro, Bend, Eugene	Number of sidewalks within 75 feet [a]	54%
Bicycle Facilities	ODOT, Metro, Eugene	Presence and type of facility	37%
Shoulder Width	ODOT	Average paved width	19%
Schools Nearby	OSDL, Eugene, Bend, Metro	Within 1/4 mile	43%
Transit Stops Nearby	ODOT	Within ¼ mile	84%
SPIS Locations	ODOT	If within 55 feet of any SPIS site at any time during the study period	37%
Land Use/Zoning	Eugene, Bend, Metro, OSDL	Closest zoning classification	75%
Driveway Density	ODOT	Number of driveways within 500 feet, converted to access points per mile	20%
Annual Average Daily Traffic (AADT)	ODOT	Maximum volume along the roadway segment	34%
Demographics	ODOT	Age of Drivers and Bicyclists	91% (9% had driver or bicyclist age listed as “00”)
Scenic Bikeways	ODOT	-	3%

[a] Number of sidewalks is based on spatial analysis of crashes to sidewalk line files. Maximum number of sidewalks on a segment is two, maximum number at an intersection is eight.

EVALUATION TOOLS

The data elements not included in the crash database provided by ODOT were spatially joined using ArcGIS Version 10. The joined layers were then exported into Excel format and added to the crash database. All trend analysis was completed using crash trees and pivot tables within Excel.

WHERE ARE BICYCLE CRASHES HAPPENING?

Nearly 95% of all bicycle crashes occurred in urban areas, with the remaining 5% occurring in rural areas. Nearly 40% of all bicycle crashes across the state occurred on urban arterial roadways (relatively even split between major and minor arterials), and half of those roadways had a posted speed limit of 30 mph or 35 mph. Other notable trends include:

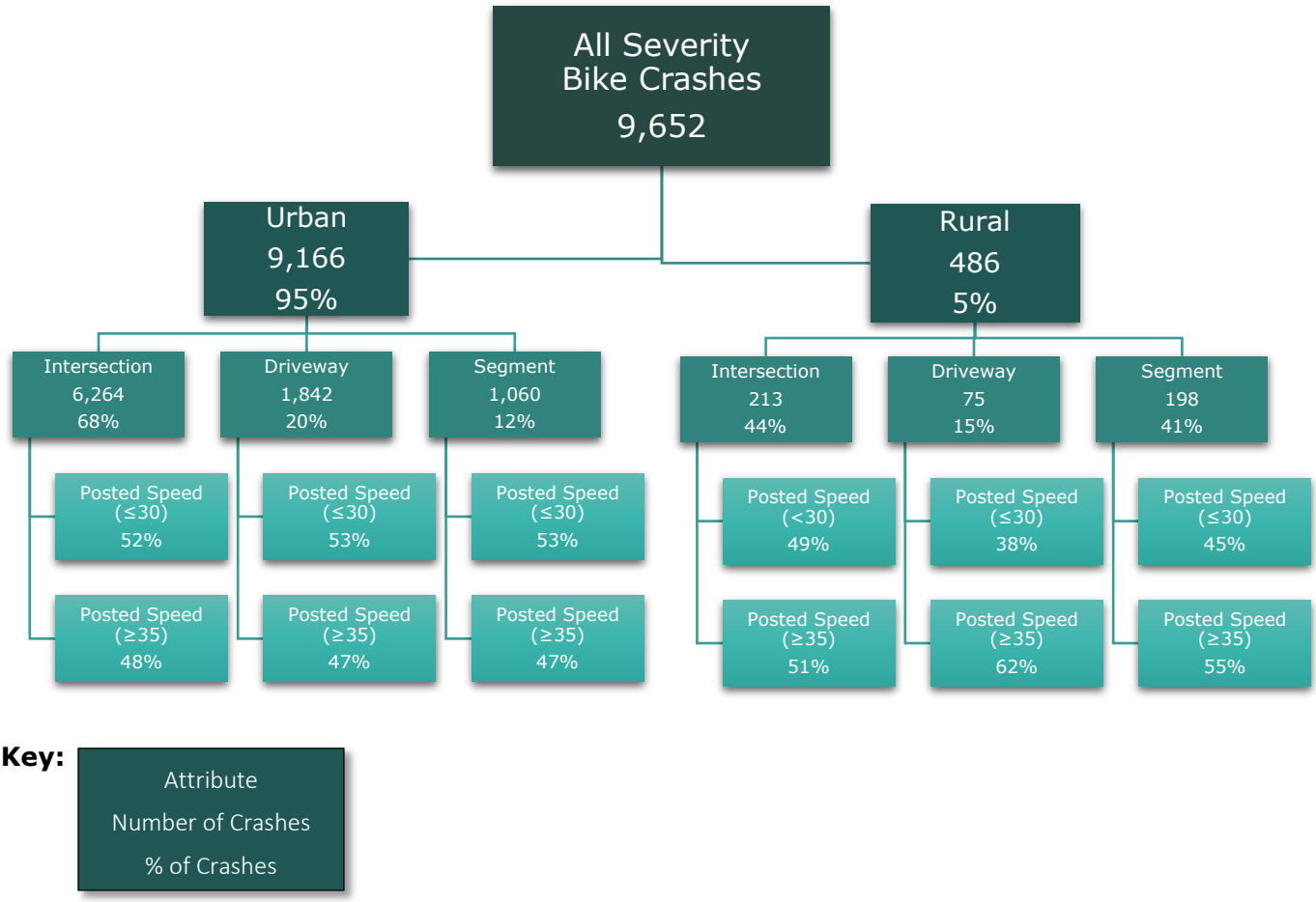
- 42% occurred in large urban areas (population greater than 200,000)
- 68% of urban crashes occurred at intersections (as defined within the crash record)[1]. Approximately 40% of all urban intersection crashes occurred at signalized intersections.
- In rural areas, approximately 44% of bicycle crashes occurred at intersections, 41% occurred along segments, and 15% occurred at a driveway.

The following crash tree diagrams provide a breakdown of crash frequency and proportion based on urban or rural designation, roadway characteristic, and posted speed. The first diagram includes all crash severity levels, while the second diagram includes fatal and severe injury crashes only.

One notable difference between the two diagrams is the proportion of crashes on roadways with a posted speed of 35 mph or greater. In both urban and rural areas, the proportion of crashes above and below 35 mph is relatively consistent for intersections, driveways, and segments (roughly 50/50). However, when considering fatal and severe crashes only, a noticeably higher percentage of crashes occur on higher speed segments than lower speed segments. This suggests that higher posted speeds have a larger influence on crash severity for segment crashes than intersection or driveway crashes, which is likely a factor of vehicle and bicycle speeds at the time of the crash (speeds are reduced when making turning maneuvers).

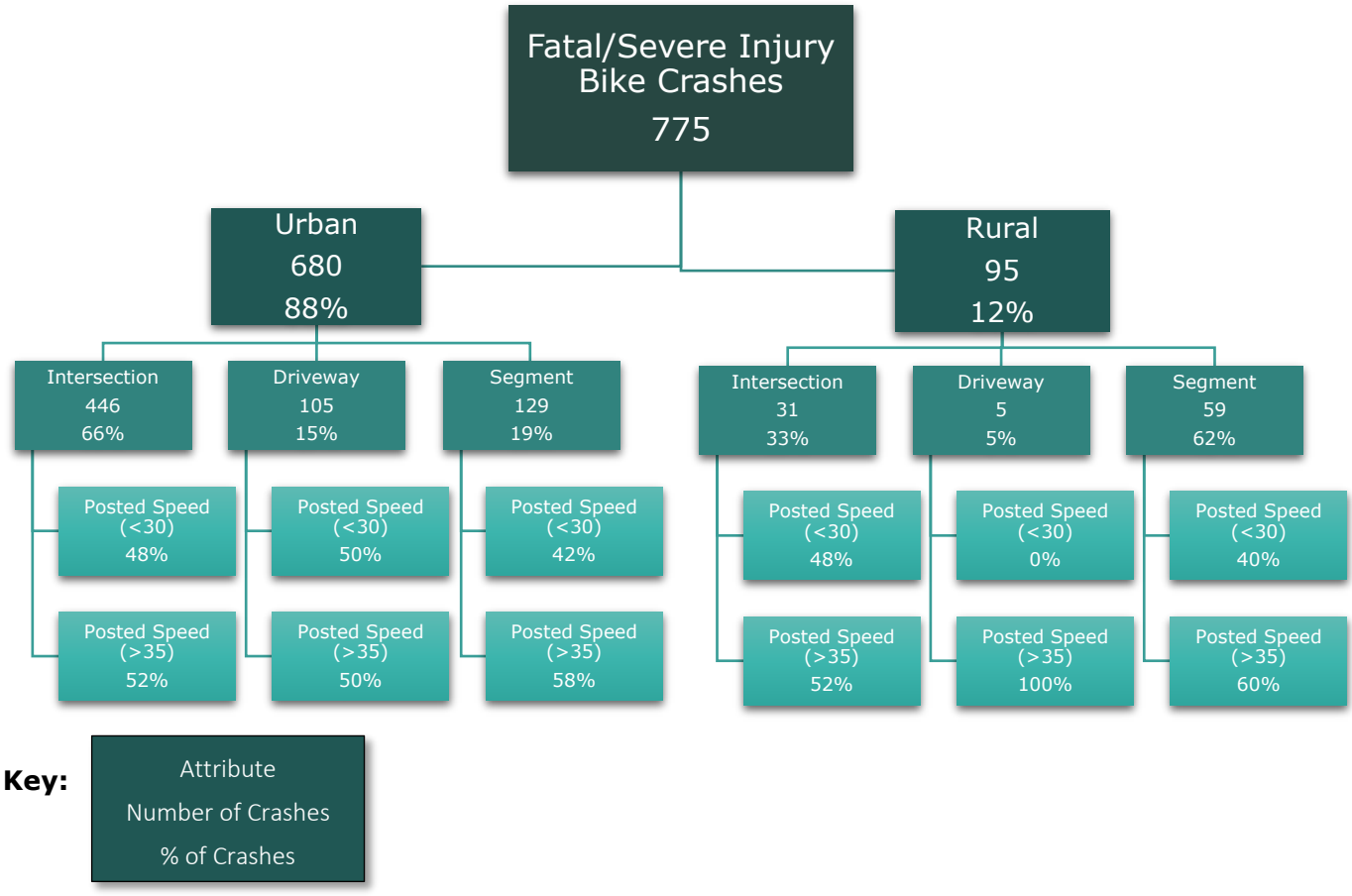
[1] Intersection crashes include crashes that occurred within the physical area of an intersection as well as those that were flagged in the crash record as being "intersection-related".

FIGURE 1. CRASH TREE DIAGRAM (ALL SEVERITIES), 2007-2017



Key:

FIGURE 2. CRASH TREE DIAGRAM (FATAL AND SEVERE CRASHES), 2007-2017



GENERAL RISK FACTORS

The following section summarizes the observed trends for statewide bicycle-related crashes that occurred over the 11-year period, categorized by functional class, posted speed, number of lanes, time of day, zoning, sidewalks, bicycle facilities, proximity to transit and schools, and general demographics.

FUNCTIONAL CLASSIFICATION AND POSTED SPEED

Table 2 on the following page provides a summary of bicycle crash data by functional classification (based on Federal functional classification designations) and severity. Approximately 62% of all bicycle crashes occurred on urban arterials (principal and minor). Although only 5% of all bicycle crashes occurred on rural facilities, over 12% of fatal and severe injury crashes occurred on rural roadways, which is likely related to higher operating speeds and lack of bicycle facilities and adequate paved shoulder in rural areas.

For comparison, almost 80% of the roadway mileage in Oregon is classified as rural. There is no clear correlation between roadway mileage and crash frequency, likely because exposure (motor vehicle and bicycle volumes) plays a significant role in crash risk and has an inverse relationship with mileage (higher volumes are generally in urban areas, whereas more mileage exists in rural areas).

TABLE 2: CRASH DATA BY FUNCTIONAL CLASSIFICATION (2007-2017)[a]

Functional Classification	Percent of Oregon Roadways by Mileage[b]	Number of Bicycle Crashes	Percent of Total Bicycle Crashes	Number of Fatal/Severe Bicycle Crashes	Percent of Fatal/Severe Bicycle Crashes
Urban Principal Arterial	3.4%	3,016	31.3%	223	28.8%
Urban Minor Arterial	4.7%	3,000	31.1%	238	30.7%
Urban Collector	9.4%	1,886	19.6%	147	19.0%
Urban Local	0.2%	1,207	12.5%	66	8.5%
Rural Major Collector	29.1%	160	1.7%	35	4.5%
Rural Principal Arterial	9.6%	127	1.3%	22	2.8%
Rural Minor Arterial	7.9%	89	0.9%	19	2.5%
Rural Local	0.4%	81	0.8%	12	1.6%
Freeways	6.6%	53	0.6%	5	0.7%
Rural Minor Collector	28.7%	29	0.3%	7	0.9%

[a] Based on Federal functional classification designations
[b] Calculations exclude interstate mileage

Table 3 on the following page summarizes crash frequency and average posted speed by functional classification. On urban roadways, the average posted speed at crash locations ranges from 30 mph to 34 mph across all functional classifications. On rural roadways, the speeds are higher and the range is greater, ranging from 31 mph to 39 mph. Within the same functional classification, crashes on rural roadways are associated with higher average speeds than urban roadways (as much as 6 mph higher). This is directly correlated with the higher relative crash severity on the different roadway types, as noted by the higher proportion of fatal and severe injury crashes. In both urban and rural areas, within the same functional classification, fatal and severe crashes have a higher average posted speed than lower severity crashes. Results in rural areas should be interpreted with caution, however, as there is a very small number of fatal and severe injury crashes within each functional classification.

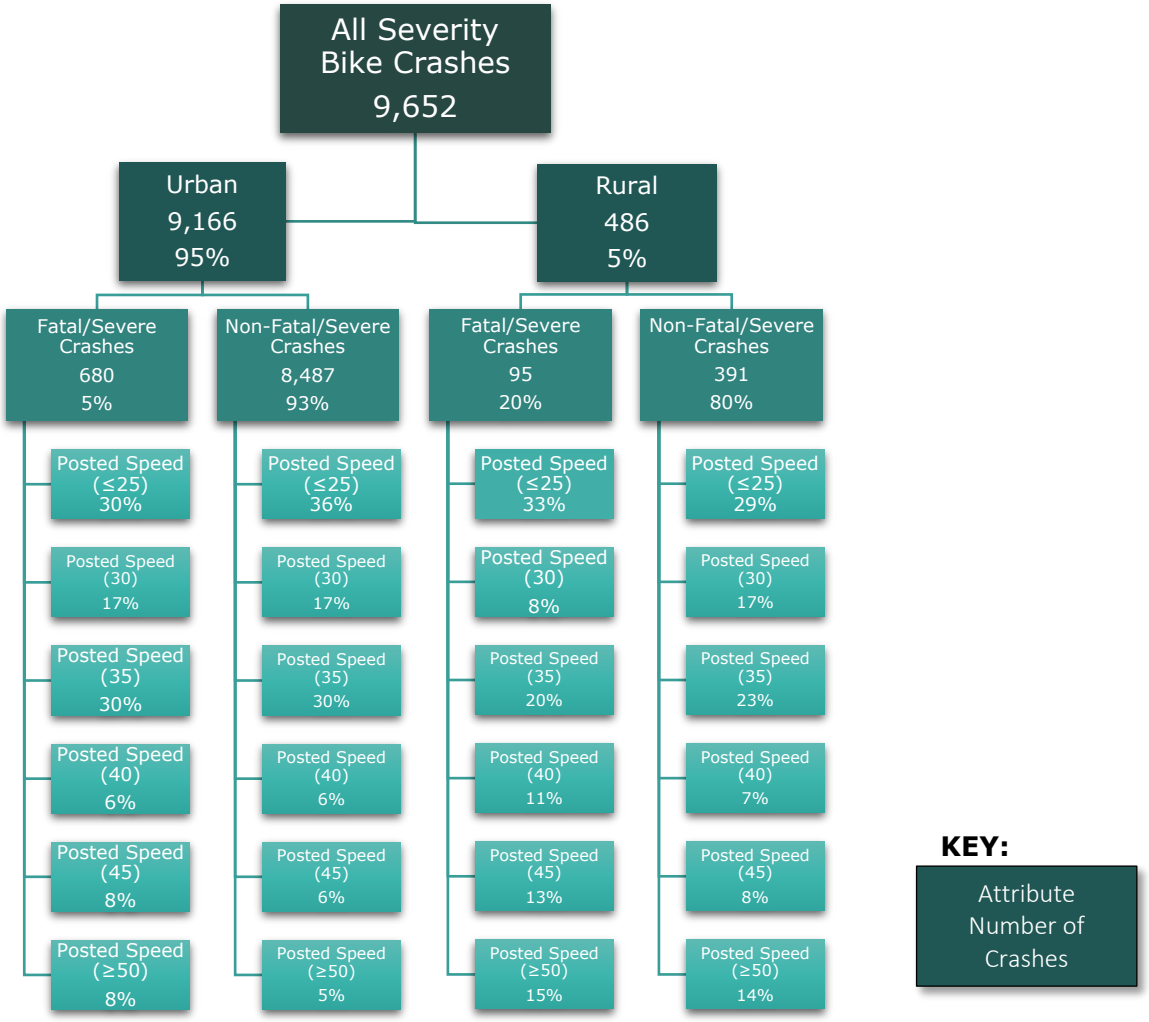
Figure 3 on the following page shows a breakdown of posted speed by severity in urban and rural areas.

TABLE 3: URBAN VS RURAL SPEED LIMITS AND CRASH SEVERITY

Functional Classification	Urban					Rural				
	Crash Frequency [a]			*Average Posted Speed (mph)*		*Crash Frequency* [a]			*Average Posted Speed (mph)*	
	Fatal / Severe %	*Fatal/ Severe*	*All Severity*	*Fatal/ Severe*	*All Severity*	*Fatal / Severe %*	*Fatal/ Severe*	*All Severity*	*Fatal/ Severe*	*All Severity*
Principal Arterial	7.7%	148	1,914	34.2	32.2	21.3%	16	75	36.3	35.9
Minor Arterial	8.9%	161	1,815	33.6	31.5	16.9%	10	59	39.0	35.3
Major Collector	8.2%	91	1,104	32.4	30.9	21.4%	22	103	33.4	35.3
Minor Collector	0%	0	10	-	32	27.8%	5	18	36.0	37.8
Local	5.5%	41	749	30.2	31.1	14.8%	8	54	33.8	31.0

[a] Only includes crashes that occurred on roadways with available posted speed information.

FIGURE 3. CRASH TREE DIAGRAM OF POSTED SPEED LIMITS (ALL SEVERITIES), 2007-2017



In urban and areas, the proportion of crashes occurring at locations with a given posted speed are fairly consistent between fatal/severe crashes and non-fatal/severe injury crashes, with a few notable exceptions. In urban areas, a higher proportion of lower severity crashes occurred on roadways with a posted speed limit of 25 mph or less, while slightly higher proportions of fatal/severe injury crashes occurred on roadways with a posted speed of 45 mph or higher. Trends in rural areas are less consistent. It is interesting to note that there are relatively few rural roadways with a posted speed limit of 25 mph, yet a relatively high proportion of crashes occurred at locations with a 25-mph posted speed. This is likely related to the fact that land uses associated with lower speed roads (residential, downtowns, school zones) are also higher generators of bicycle traffic. As mentioned previously, results in rural areas should be interpreted with caution as there is a very small number of fatal and severe injury crashes within each functional classification.

NUMBER OF LANES

Across the state, on roadways for which the number of lanes is available, approximately 56% of bicycle crashes occurred on 2-lane roadways and 34% occurred on 4-lane roadways. For comparison, 2-lane roadways (both urban and rural) make up 84% of all non-interstate roadways in Oregon, and 4-lane roadways make up 6% of all non-interstate roadways in the state.

Based on Table 4 below, rural 2-lane segments experienced the highest average severity per crash, while urban intersections on 2-lane roadways had the lowest average severity per crash. In both urban and rural areas, bicycle crashes most commonly occurred on 2-lane and 4-lane roadways. The highest frequency of fatal and severe bicycle crashes occurred on urban 2-lane roads (1,641 crashes), urban 4-lane roads (1,105 crashes), and rural 2-lane roads (236 crashes). An investigation into the average severity per crash indicates that crashes on 4-lane and 5-lane roadways have noticeably higher severities.

TABLE 4: CRASH FREQUENCIES AND NUMBER OF LANES

Number of Lanes	Both*	Urban			Rural		
	% of Roadways	*% of Urban Roadways*	*% Crashes (All Severity)*	*% Fatal/Severe Crashes*	*% of Rural Roadways*	*% Crashes (All Severity)*	*% Fatal/Severe Crashes*
2	84%	55%	54%	54%	84%	84%	94%
3	7%	6%	6%	6%	4%	4%	1%
4	6%	36%	36%	38%	12%	12%	5%
5	<1%	2%	2%	1%	-	-	-
6+	<1%	<1%	1%	<1%	-	-	-

*Note: Does not add up to 100% as approximately 4% of all roadways are 1 lane (not shown).

TIME OF DAY

In both urban and rural areas, bicycle crashes most commonly occurred during daylight conditions, which is expected given the higher volume of bicycle and vehicle activity during daytime periods. In general, a higher proportion of urban crashes occurred during dark conditions than in rural areas, which is likely because businesses and associated activities are open during more hours of the day in urban areas. Interestingly, the proportion of intersection crashes occurring during dark conditions in urban areas is more than double that in rural areas.

TABLE 5: CRASHES BY TIME OF DAY

Lighting Condition	Urban		Rural	
	Intersection	***Segment***	***Intersection***	***Segment***
Dark	15%	14%	7%	14%
Daylight	77%	80%	86%	81%
Dawn/Dusk	8%	6%	8%	6%

In terms of severity, approximately 14% of all bicycle crashes occurred during dark conditions, while 20% of fatal and serious injury crashes occurred during dark conditions.

ADJACENT LAND USE

Zoning information was gathered for approximately 38% of the state (based on total acreage). Within cities, the most common zoning types were residential (53%), industrial (16%), parks and open space (12%), and commercial (7%). Outside of cities, the predominant land uses were forest/coastline (62%) and farm (33%), followed by residential and parks/open space (2% each). Note that these percentages are based on spatial coverage of the entire state, not the percentage of roadways that fall within these zones.

Across the state, bicycle crashes on urban roadways most commonly occurred in areas with mixed-use zoning (26%), followed by residential (20%), and commercial (15%). Rural zoning trends were much different, with the highest number of rural crashes occurred in zoning classified as 'other' (32%), followed by commercial (17%), and residential (18%). These trends are similar for crashes at intersections when compared to segments.

SIDEWALKS AND BIKE LANES

Sidewalk and bicycle facility information was provided for the Bend, Eugene, and Portland metro areas. With respect to data coverage available in those three areas, approximately 41% of streets had reported sidewalk data information while approximately 7% of streets had at least one bike lane.

Within those urban areas, approximately 55% of crashes occurred at locations with no sidewalks or sidewalks on only one side of the road. That percentage is consistent between intersections and segments. For intersection crashes in these urban areas, nearly 20% occurred at locations with four or more sidewalks nearby (e.g., two legs with sidewalks on both sides, or sidewalks on a single side of all four legs, or other combinations). Only 2% of intersection crashes in these urban areas occurred at locations with at least eight sidewalks (sidewalks on both sides of all four legs).

Information on bicycle facilities was provided by ODOT, Eugene, and Portland metro and spans both urban and rural areas. [2] Across the state, approximately 37% of bicycle crashes occurred on a roadway with some type of bicycle facility. In both urban and rural areas, the most common facility type was a bike lane (31%) and a total number of 2,191 bike crashes (23%) occurred on a bike lane.

SCENIC BIKEWAYS

In addition to bicycle facilities, crash trends on designated scenic bikeways were also investigated. A total of 120 bicycle crashes occurred on scenic bikeways, of which 92 occurred in urban areas and 28 in rural areas. Two of these crashes were fatal and 11 resulted in severe injuries. Over half of the severe crashes that occurred on scenic bikeways occurred on the Pacific Coast bikeway. Both of the fatal crashes occurred at the same location, where Covered Bridges Bikeway (also known as Row River Trail) intersects with Row River Rd.

Table 6 on the following page summarizes the crash frequency and crash rate on selected scenic bikeways. The scenic bikeways with the highest frequency of crashes include Willamette Valley (57 crashes), Twin Bridges (29 crashes), Tualatin Valley (9 crashes), and Covered Bridges (8 crashes). The bikeways with the highest number of crashes per mile are Twin Bridges (0.81) and Willamette Valley (0.42). However, when compared to other urban minor arterials (the most common functional classification along Oregon Scenic Bikeways), all scenic bikeways have significantly fewer crashes per mile.

[2] Bicycle facilities refer to any dedicated right of way for bicyclists, including bicycle lanes, cycle tracks, or separated paths.

TABLE 6. SCENIC BIKEWAYS CRASH RATE COMPARISON

Scenic Bikeway	Total Length (miles)	Crash Frequency (2007-2017)	Crashes per Mile during Study Period
Willamette Valley	134	57	0.42
Twin Bridges	36	29	0.81
Tualatin Valley	51	9	0.18
Covered Bridges	36	8	0.22
Grand Tour	134	6	0.04
All Bikeways	1,152	120	0.10
Statewide Urban Minor Arterials	1,310	3,000	2.29

TRANSIT AND SCHOOLS

Across the state, 84% of bicycle crashes occurred within ¼ mile of a transit stop and 43% occurred within ¼-mile of a school. Even though transit is typically considered an urban amenity, 87% of rural crashes occurred in the vicinity of a transit stop.

TABLE 7: CRASHES NEAR TRANSIT STOPS AND SCHOOLS

	All Crashes		Urban		Rural	
	Near Transit	***Near School***	***Near Transit***	***Near School***	***Near Transit***	***Near School***
Proportion of Crashes	84%	43%	83%	46%	87%	27%

Approximately 83% of crashes in the Bend, Eugene, and Portland urban areas occurred within ¼ mile of a transit stop while 46% occurred within 1/4 mile of a school. When cross-referenced with bicycle facilities, approximately half (50%) of all crashes in Eugene and Portland metro (the two local jurisdictions where data was available) occurred within ¼ mile of a transit stop on a roadway without bicycle facilities, whereas only 10% of crashes occurred on a roadway without bicycle facilities and not near a transit stop.

This trend did not carry over to schools. A consistent proportion of bicycle crashes occurred on roadways with bicycle facilities (approximately 60%) regardless of proximity to schools.

DEMOGRAPHICS

The following age and participant categories were evaluation in this analysis:

- Younger Drivers (Under 25)
- Aging Drivers (Over 64)
- Younger Bicyclists (Under 18)
- Aging Bicyclists (Over 64)

Younger and aging drivers were involved in a similar number of bicycle crashes (average of 15%), however the proportion of aging bicyclists involved in crashes is significantly less than younger bicyclists, which is expected given the respective population size of younger and aging bicyclists. The involvement of younger drivers, aging drivers, and younger bicyclists is not significant in terms of severity, however the proportion of fatal and serious injury crashes involving an aging bicyclist is double the proportion for all crash severities.

TABLE 8: DEMOGRAPHICS OF CRASH PARTICIPANTS

Age Group	Number of Crashes	Percent of All Crashes	Percent of Fatal/Severe Crashes
Younger Driver (Under 25)	1,422	14.7%	15.6%
Aging Driver (Over 64)	1,336	13.8%	13.5%
Younger Bicyclist (Under 18)	1,509	15.6%	13.8%
Aging Bicyclist (Over 64)	338	3.5%	7.1%

Bicycle crashes were evaluated against population demographics to identify correlations between younger (i.e., under 25 years old) and aging (i.e., over 64 years old) populations. This was accomplished by categorizing US Census Block Groups into quintiles (i.e., 20% bins) based on the proportion of the population of each age group (e.g., Census Block Groups in the top 20% quintile for people under 25 years old have the highest proportions of population younger than 25 years old in Oregon). Table 9 on the following page summarizes the results of this analysis.

TABLE 9: CENSUS AGE GROUPS AND CRASH SEVERITY

Population Ranking	% of Crashes that are Fatal/Severe	
	Under 25 Years Old Block Groups	64 Years and Older Block Groups
Top 20%	12.5%	16.8%
2nd Highest 20%	14.3%	16.4%
Middle 20%	14.2%	13.5%
4th Highest 20%	14.4%	14.0%
Lowest 20%	13.4%	12.6%

The percentage of bicycle crashes that result in a fatality or serious injury are generally consistent across all quintiles of the under 25 years old population. However, there is a correlation between the proportion of the population over the age of 64 years old and a severe bicycle crash.

RISK FACTORS AT URBAN INTERSECTIONS

From 2007 to 2017, there were 6,264 reported bicycle-related crashes at intersections (or related to intersections) in urban areas in the study area. The following section will provide a summary of key findings related to the potential risk factors for those 6,264 crashes.

TRAFFIC CONTROL

Roughly 41% of all bicycle crashes at urban intersections occurred at stop-controlled locations, followed closely by signalized locations (40%) and uncontrolled intersections (6%)[3]. A higher proportion of fatal and severe injury crashes occurred at signalized locations (43%) compared to stop-controlled locations (38%) fatal or severe crashes.

[3] Stop controlled intersections include both two-way and all-way stop; Uncontrolled intersections are those with no signal, stop, or yield control posted on any approach (common at very low-volume intersections in both urban and rural areas).

POSTED SPEED

Of the crashes with posted speed information available, approximately 30% of bike crashes occurred on roadways with a posted speed of 35 mph, followed by 25 mph (19%) and 30 mph and 20 mph both with 17%. Approximately 50% of urban intersection crashes occurred on roadways with a posted speed of 30 mph or below, and 50% occurred on roadways with a posted speed of 35 mph or above. This trend was consistent across severity levels.

BICYCLE FACILITIES

As mentioned in the general risk factors section, bicycle lane information was only available for portions of the state (including Eugene, Portland, and some state highways). Approximately 63% of bicycle crashes at urban intersections in Eugene and Portland occurred on roadways without bicycle facilities. For comparison, 68% of urban intersections do not have any bicycle facilities. 37% of urban intersections have at least one leg with bicycle facilities, while 63% of intersections do not have any bicycle facilities.

VEHICLE AND BICYCLE MOVEMENTS/ACTIONS

In 50% of urban intersection crashes, no error was attributed to the person operating the bicycle. In nine (9) percent of the crashes the bicycle did not have right-of-way, and 10% of bicyclists disregarded the intersection control type. Approximately 6% were coded as disregarding a traffic signal and 4% had disregarded a stop sign.

Table 10 on the following page summarizes the percentage of bicycle crashes involving each combination of vehicle and bicycle movement at both signalized and stop controlled intersections. At both stop controlled and signalized urban intersections, crashes involving vehicles traveling straight were generally more severe than those involving turning vehicles. However, nearly 44% of all bicycle crashes at urban signalized intersections involved a right-turning vehicle. Nearly 95% of all crashes at signalized intersections involved a bicyclist traveling straight ahead. Of the bicycle crashes at intersections (both signalized and stop controlled) that involved both vehicles and bicyclists traveling straight, 94% were angle crashes.

At stop-controlled intersections, 91% involved a bicyclist traveling straight, followed by 5% turning left, and 2% turning right. Approximately 7% of fatal and severe injury crashes at both signalized and stop controlled intersections involved a bicyclist turning left and a vehicle traveling straight.

TABLE 10: CRASH TRENDS BY VEHICLE AND BICYCLE MOVEMENT AND TRAFFIC CONTROL[4]

Motor Vehicle Movement >Bicycle Movement	Number of Crashes	Percent of Total Crashes	Percent of Fatal/Severe Crashes
SIGNALIZED INTERSECTIONS			
Straight Ahead	**772**	**32%**	**49%**
>Straight	685	89%	82%
>Left	63	8%	15%
>Right	6	1%	3%
Turning Left	**568**	**24%**	**24%**
>Straight	552	97%	100%
>Left	4	1%	-
>Right	5	1%	-
Turning Right	**1,075**	**44%**	**27%**
>Straight	1,051	98%	100%
>Left	7	1%	-
>Right	10	1%	-
STOP CONTROLLED INTERSECTIONS			
Straight Ahead	**1,147**	**47%**	**53%**
>Straight	1,006	88%	81%
>Left	100	9%	14%
>Right	30	3%	2%
Turning Left	**559**	**23%**	**20%**
>Straight	522	93%	97%
>Left	18	3%	3%
>Right	5	2%	-
Turning Right	**760**	**30%**	**25%**
>Straight	736	97%	93%
>Left	16	2%	2%
>Right	5	1%	5%

[4] Note that this table only includes predominant vehicle and bicycle movements and excludes less-common movements such as u-turns, stopped in traffic, or unknown; crash frequencies and percentages may not add up to 100%.

ADJACENT LAND USE

Bicycle crashes at urban intersections most commonly occurred in areas with mixed-use zoning (35%), followed by residential zoning (27%), commercial zoning (20%), and other zoning (10%). Of bicycle crashes that occurred at urban intersections, 83% occurred within ¼ mile of a transit stop and 44% occurred within 1/4 mile of a school. These proportions do not significantly differ from the overall land use and zoning trends across urban areas.

RISK FACTORS ON URBAN SEGMENTS

There were 1,060 bicycle crashes on urban segments during the study period. Urban segments are defined as non-intersection locations and do include driveway locations.

FUNCTIONAL CLASSIFICATION

Over 67% of bicycle crashes on urban segments occurred on arterials (36% on principal arterials, 31% on minor arterials). The percentage of fatal and severe injury crashes on principal arterials and minor arterials (37% on principal arterials, 32% on minor arterials) is significantly higher than on any other functional classification.

POSTED SPEED

Figure 4 on the following page depicts the trends in proportion of all crashes, proportion of fatal and severe crashes, and a severity score[5] per crash for each of the posted speed categories on urban segments.

Of the urban segment crashes with posted speed information available, nearly 30% occurred on roadways with a posted speed of 35 mph, followed by 25 mph (20%) and 30 mph (17%). The proportion of fatal and severe crashes outpaces the proportion of all crashes at 40 mph, which is also the speed where there is a noticeable increase in severity per crash.

[5] Equivalent Property Damage Only (EPDO) score per crash captures the relative severity of individual crashes in each category. Fatal and Severe crashes receive a score of 100, Injury crashes 10, and PDO crashes 1.

Note: the EPDO score per crash in Figure 4 is divided by 100 to match the scale of the graph.

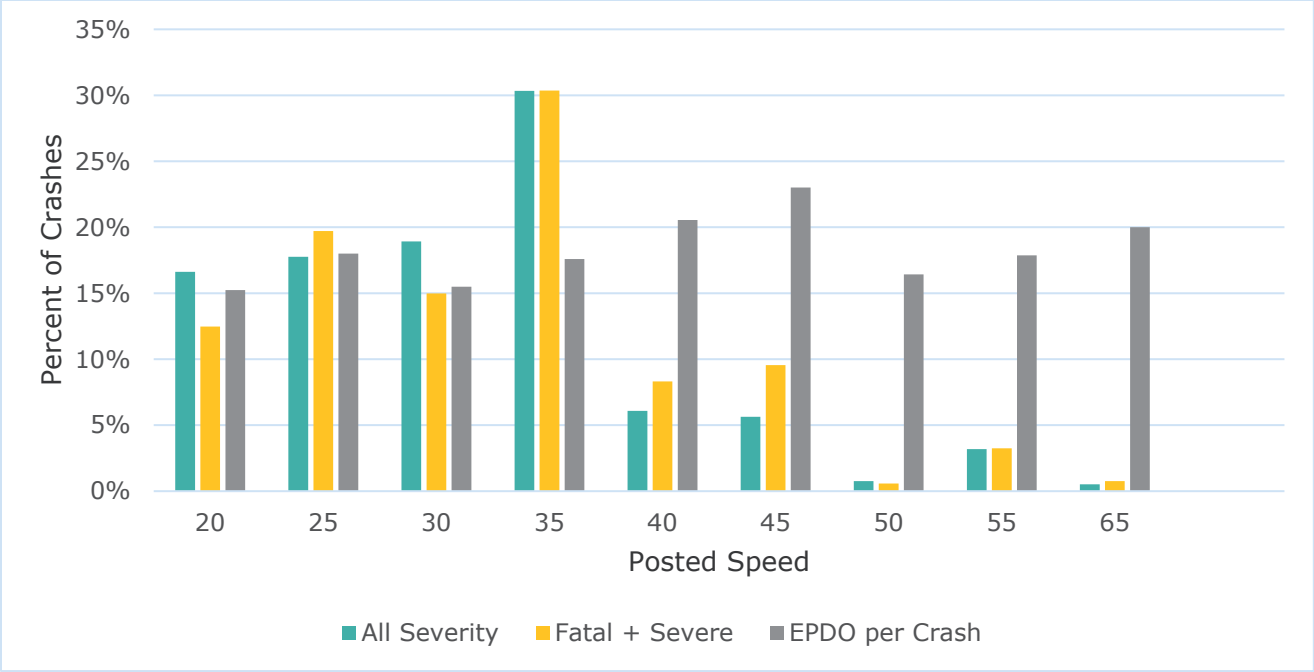


FIGURE 4. CRASH FREQUENCY AND SEVERITY TRENDS BY POSTED SPEED

BICYCLE FACILITIES

Over 62% of bicycle crashes on urban segments (Eugene and Portland) occurred on roadways with no bicycle facilities. Approximately 31% occurred on roadways with bicycle lanes.

NUMBER OF LANES AND MEDIANS

Approximately 53% of rural segment bicycle crashes occurred on 2-lane roadways and 37% occurred on 4-lane roadways. 95% of urban segment bicycle crashes occurred on undivided roadways and 3% occurred on roadways with a solid median barrier. The other 2% of crashes occurred on roadways with a paved or grass median.

VEHICLE AND BICYCLE MOVEMENTS/ACTIONS

Table 11 on the following page summarizes the percentage of urban segment bicycle crashes involving all combinations of vehicle and bicycle movements. Along urban segments, 42% of bicycle crashes occurred while the vehicle was moving straight ahead. 18% of crashes involved a left turning vehicle and 39% involved a right turning vehicle. Over 90% of urban segment crashes involved a bicyclist traveling straight. Even though the volume of vehicles turning into driveways along urban segments is significantly lower than vehicles travelling straight ahead, turning vehicles accounted for a large proportion of bicycle crashes. This suggests there is a much higher crash risk associated with driveway activity compared to intersection activity. Of the bicycle crashes that involved both vehicles and bicyclists traveling straight, 50% were angle crashes, 25% were sideswipe (overtaking), and 11% were rear-end.

TABLE 11: CRASH TRENDS BY VEHICLE AND BICYCLE MOVEMENT[6]

Motor Vehicle Movement >Bicycle Movement	Number of Crashes	Percent of Total Crashes	Percent of Fatal/Severe Crashes
Straight Ahead	**1,123**	**42%**	**64%**
>Straight	950	85%	89%
>Left	133	12%	8%
>Right	25	2%	1%
Turning Left	**492**	**18%**	**16%**
>Straight	485	99%	98%
>Left	5	1%	2%
>Right	2	<1%	-
Turning Right	**1,056**	**39%**	**20%**
>Straight	1,044	99%	97%
>Left	5	<1%	-
>Right	4	<1%	-

ADJACENT LAND USE

Bicycle crashes on urban segments most commonly occurred in areas with mixed-use zoning (35%), residential zoning (27%), and commercial zoning (21%). Of bicycle crashes that occurred on urban segments, 85% occurred within ¼ mile of a transit stop and 41% occurred within 1/4 mile of a school. These proportions do not significantly differ from the overall land use and zoning trends across urban areas.

ACCESS DENSITY

On urban State highways (facilities for which access data is available), approximately 10% of crashes occurred on segments with 10 or fewer access points per mile. Another 11% occurred on segments with 20 to 40 driveways per mile, and another 20% of crashes occurred on segments with 40-80 driveways per mile. Nearly 60% of the urban segment state highway crashes occurred on segments with more than 80 driveways per mile. A high proportion of crashes occurring on segments with a high density of access points is consistent with the turning movement trends described above.

[6] Note that this table only includes predominant vehicle and bicycle movements and excludes less-common movements such as u-turns, stopped in traffic, or unknown; crash frequencies and percentages may not add up to 100%.

VEHICLE VOLUME

AADT counts were provided for State highways. The highest percentage of urban segment crashes occurred on principal arterials with a daily volume ranging from 10,000-25,000 (57%) and on principal arterials with a daily volume between 25,000 and 50,000 (22%). The highest severity crashes occurred on principal arterials with a high-volume (25,000-50,000 AADT).

RISK FACTORS ON RURAL SEGMENTS

There were 273 crashes on rural segments during the study period, however these crash types are associated with some of the highest severity and are thus worthy of further investigation. Approximately 20% of all rural bicycle crashes resulted in fatalities or severe injuries. Approximately 74% of all rural fatal crashes and 64% of all rural severe injury crashes occurred on roadway segments.

FUNCTIONAL CLASSIFICATION

Approximately 35% of bicycle crashes on rural segments occurred on major collectors, 23% on principal arterials, 19% on minor arterials, and 14% occurred on local streets. The severity of segment crashes on major collectors is higher than on any other functional classification.

NUMBER OF LANES AND MEDIANS

Approximately 84% of rural segment bicycle crashes occurred on 2-lane roadways. 99.6% of rural segment bicycle crashes occurred on undivided roadways.

POSTED SPEED

The greatest proportion of rural segment crashes occurred on roadways with a posted speed of 35 mph (21%), followed by 25 mph (19%) and 20 mph (15%). Rural segment crashes on roadways with a posted speed greater than 40 mph had significantly higher severities.

BICYCLE FACILITIES

Approximately 34% of rural segment crashes occurred on a roadway with a bicycle lane present, which is surprisingly high (and a higher percentage than that for urban segment crashes in Eugene and Portland). This could be attributed to the fact that bicycle lanes are installed less frequently in rural areas, such that locations with bicycle lanes likely have a high demand (or high need) for bicycle facilities, either due to cycling activity or safety concerns. Additionally, many small communities, such as Hood River and portions of Tillamook, do not have a high enough population to be designated "urban" but have many of the same roadway characteristics as urban areas, such as lower posted speeds and bicycle facilities.

TIME OF DAY

Approximately 13% of rural segment crashes occurred at night (under dark conditions) while 80% occurred during daylight. Nighttime rural segment crashes were significantly more severe than daytime crashes.

VEHICLE AND BICYCLE MOVEMENTS/ACTIONS

Of all rural segment crashes, 80% involved a vehicle traveling straight ahead, and of those crashes, 84% involved a bicyclist traveling straight while 13% were turning left. These crashes had higher severities than crashes with turning vehicles, which were equally split between left-turning and right-turning vehicles. Of the crashing involving both vehicles and bicyclists traveling straight, 40% were sideswipe (overtaking) crashes, 45% were rear-end crashes, and 22% were angle crashes. The proportion of sideswipe and rear-end crashes is significantly higher on rural segments than urban segments.

ADJACENT LAND USE

Bicycle crashes on rural segments most commonly occurred in areas with residential zoning (36%), followed by commercial use zoning (33%) and other zoning (16%). 86% of crashes occurred near a transit stop and 67% of crashes occurred near a school. These proportions do not significantly differ from the general land use and zoning trends in rural areas.

ACCESS DENSITY

On rural state highways (facilities for which access data is available), approximately 32% of crashes occurred on segments with 10 or fewer access points per mile. Another 25% occurred on segments with 20 to 40 driveways per mile. Over 40% of the rural segment state highway crashes occurred on segments with more than 40 driveways per mile. It should be noted that these percentages are based on a relatively small sample size (114 total crashes on rural state highway segments).

VEHICLE VOLUME

AADT counts were provided for state highways, however the number of rural segment crashes for which volume data is available is relatively small (113 crashes). Similar to urban trends, the highest percentage of rural segment crashes occurred on principal arterials, though the volume ranges are much lower – 58% occurred on roadways with a daily volume between 1,000 and 10,000, and 27% occurred on roadways with a daily volume between 10,000 and 25,000. Both of these functional classification and vehicle volume combinations also had high severity crashes. Another 12% of rural segment crashes occurred on minor arterials with a daily volume between 1,000 and 10,000.

SUMMARY OF RISK FACTORS

The key findings of the bicycle crash risk factor analysis are summarized below for trends statewide, at urban intersections, on urban segments, and on rural segments.

GENERAL (STATEWIDE) RISK FACTORS

- 4-lane roadways
- Mixed use zoning in urban areas
- Lack of bicycle facilities in the vicinity of transit stops in urban areas (transit stops may be acting as a surrogate measure of volume and speed)
- Areas with a higher proportion of population over age 64
- Speeds of 35 mph or greater on segments (both urban and rural)

RISK FACTORS AT URBAN INTERSECTIONS

- Dark conditions
- Signalized intersections with higher turning volumes resulting in conflicts between turning vehicles and through (straight) bicyclists (for example, permissive left-turn signal phasing)
- Unsignalized intersections with higher crossing volumes, or other factors (for example, limited sight distance) resulting in conflicts between through (straight) vehicles and through (straights) bicyclists on cross-streets
- Signalized intersections (higher severity than stop controlled)

URBAN SEGMENTS

- Conflicts between turning vehicles and bicyclists traveling straight (for example, at driveways)
- Conflicts between through (straight) vehicles and through (straight) bicyclists travelling perpendicular (for example, bicyclists crossing mid-block)
- Urban arterials (principal and minor)
- High access density
- Higher AADT on arterials
- Posted speed of 35 mph or higher
- Proximity to transit stops

RURAL SEGMENTS

- Conflicts between through (straight) vehicles and through (straight) bicyclists traveling in the same direction (for example, bicyclists and vehicles sharing a lane when no bicycle facilities are present)
- Rural principal arterials
- Dark conditions
- Posted speed of 40 mph or higher
- Proximity to transit stops

Attachment B
Risk Factor Screening Methodology

Methodology

Step 1

The roadway characteristic or contextual data associated with each risk factor was isolated to identify the roadway segments or areas (in the case of buffers around school or zoning) that met each individual criteria. The ten risk factors and the context (urban/rural) that they apply to is sketched below:

1. Principal Arterials – Both
2. Minor Arterial - Urban
3. Four or More Lanes – Urban
4. Posted Speed of 35 mph or Higher – Both
5. Without Bicycle Facilities - Urban
6. High Access Density (>80 per mile) – Urban
7. Mixed-Use Zoning – Urban
8. Proximity to Schools (1 mile) – Both
9. Proximity to Transit (1/4 mile) - Both
10. Over 64 Top 2 Quintile Block Group – Both

Step 2

The segments associated with each risk factor were then consolidated. This was done as follows based on the risk factor type:

1. *Roadway Characteristic Risk Factors:* ODOT facilities meeting each individual risk factor criteria were isolated into a unique layer and contiguous roadway segments were dissolved by the highway LRM key to develop a summary file of each segment that represented the risk factor. Each risk factor layer was then routed on the ODOT LRS.
2. *Area Characteristic Risk Factors:* The ODOT highway network was intersected with the polygons representing locations meeting the risk factors (e.g., block groups in the top 2 quintiles of over 64 aged population). A small buffer (50 feet) was applied to these areas to ensure that the highway centerline was accurately captured due to parcel and block group boundaries often slightly differing from roadway network data. The resulting contiguous roadway segments were then dissolved by LRM key to create the highway segments that were associated with the area-based risk factor. Each risk factor layer was then routed on the ODOT LRS.

Step 3

Each of the ten new layers was “tagged” with a field presenting the presence of the risk factor.

Step 4

The resulting layers were then overlaid using the LRS to develop a composite bike crash risk factor layer. The segmentation of the resulting layer represents where a naturally occurring break in the ODOT highway network already exists **OR** where there is a change in the number of risk factors present along the segment. The segmentation breaks occur when any of the risk factors change along a corridor.

Step 5

The roadway segments were then spatially joined to the Federal Urban Aid boundaries to identify any segments that are in or partially within a Federal Urban Aid area. In the urban layer, the urbanized area is described with the Name, Type, and Description fields from the federal urban aid boundary layer.

Step 6

Risk factors weights were then calculated for each risk factor based on the average EPDO per crash for crashes within each location context (urban/rural). Weights were indexed to the lowest risk factor using the EPDO per crash value by location context (i.e., mixed use zoning in urban areas, transit stops in rural areas). Based on the relative EPDO per crash score for the risk factor weight for that characteristic is calculated (e.g., for rural principal arterials: 37.3 (principal arterials EPDO) / 26.8 (Populations over 64 EPDO) = 1.39 (principal arterial weight). See the table below for the values used for the weights.

Step 7

Each segment was then "scored" using the risk factor prioritization weights. Where the risk factor was present, the segment received weigh was calculated into the column containing that risk factors indicator (e.g., RF1 - Principal Arterials) – where the risk factor was not present, the field is calculated as zero.

Step 8

The total risk factor prioritization score (Rural Bike Crash Risk Total or Urban Bike Crash Risk Total) was then calculated by adding the value of all of the risk factors for the location context. Note that the total scores for rural versus urban are different because of the different number of risk factors for each context.

Step 9

Each location context prioritization (rural/urban) was then symbolized by total risk factor score quintiles to identify the locations with the highest potential for addressing multiple risk factors.

#	Risk Factor	Facility Type	Urban			Rural			Risk Factor Weights	
			Crashes	EPDO	EPDO/ Crash	Crashes	EPDO	EPDO/Crash	Urban	Rural
	Roadway Characteristics								**Roadway Characteristics**	
1	Principal Arterial	General	3,068	54,688	17.8	127	4,741	37.3	1.13	1.39
2	Urban Minor Arterial	General	2,999	50,744	16.9	--	--	--	1.07	--
3	Number of Lanes (>= 4)	Segment	1,194	20,355	17.0	--	--	--	1.08	--
4	Posted Speed (>= 35mph)	Segment	2,646	46,719	17.7	168	4,911	29.2	1.11	1.09
5	Without Bicycle Facilities	General	5,930	99,188	16.7	--	--	--	1.06	--
6	Access Density (> 80 driveways per mile)	Segment	1,163	18,839	16.2	--	--	--	1.02	--
	Context								**Context**	
7	Mixed Use Zoning	General	2,417	38,291	15.8	--	--	--	1.00	--
8	Proximity to Schools (1 Mile)	General	3,965	63,410	16.0	143	3,842	26.9	1.01	1.00
9	Proximity to Transit Stops (1/4 Mile)	General	7,689	125,139	16.3	422	11,645	27.6	1.03	1.03
	Demographics								**Demographics**	
10	Population over the Age of 64	General	1,224	19,449	15.9	112	3,001	26.8	1.00	1.00

Attachment C
State Highway Risk Scores

Highway Name (Urban)	Begin Mile Point	End Mile Point	Urban Risk
OSWEGO	0.90	0.91	9.44
OSWEGO	1.84	1.89	9.44
OSWEGO	1.60	1.74	9.44
OSWEGO	2.04	2.08	9.44
OSWEGO	1.89	1.94	9.44
OREGON COAST	18.50	18.55	9.44
MT. HOOD	5.10	5.20	9.44
MT. HOOD	5.04	5.05	9.44
MT. HOOD	5.37	5.40	9.44
CASCADE HWY NORTH	0.95	0.99	9.44
CASCADE HWY NORTH	1.98	2.00	9.44
CASCADE HWY NORTH	5.12	5.15	9.44
CASCADE HWY NORTH	3.99	3.99	9.44
NORTHEAST PORTLAND	6.07	6.15	9.38
NORTHEAST PORTLAND	5.83	5.92	9.38
OSWEGO	1.89	1.89	8.44
OSWEGO	2.20	2.21	8.44
OSWEGO	1.00	1.02	8.44
OSWEGO	0.91	0.94	8.44
OSWEGO	1.94	2.04	8.44
OREGON COAST	236.50	236.55	8.44
OREGON COAST	139.32	139.98	8.44
REDWOOD	0.47	0.48	8.44
MT. HOOD	1.25	1.26	8.44
MT. HOOD	2.22	2.43	8.44
TUALATIN VALLEY	1.61	1.77	8.44
MT. HOOD	3.21	3.62	8.44
MT. HOOD	4.69	4.74	8.44
MT. HOOD	2.73	2.80	8.44
MT. HOOD	4.26	4.33	8.44
TUALATIN VALLEY	2.42	2.48	8.44
MT. HOOD	5.20	5.27	8.44
TUALATIN VALLEY	2.58	2.62	8.44
MT. HOOD	4.79	4.80	8.44
CRATER LAKE	1.05	1.06	8.44
BAKER-COPPERFIELD	1.01	1.05	8.44
MT. HOOD	3.76	3.86	8.44
SANTIAM	26.72	26.77	8.44
MT. HOOD	14.56	14.58	8.44
MT. HOOD	1.81	1.91	8.44
REDWOOD	0.32	0.35	8.44
TUALATIN VALLEY	3.55	3.89	8.44
MT. HOOD	1.38	1.43	8.44
MT. HOOD	4.59	4.64	8.44
MT. HOOD	14.75	14.77	8.44
MT. HOOD	1.10	1.15	8.44
MT. HOOD	3.99	4.09	8.44
MT. HOOD	5.35	5.37	8.44
TUALATIN VALLEY	0.76	0.79	8.44
CRATER LAKE	0.79	0.80	8.44
ROGUE VALLEY	12.00	12.24	8.44
ROGUE VALLEY	10.49	10.58	8.44
ROGUE VALLEY	10.66	10.69	8.44
BEAVERTON-HILLSDALE	3.05	3.14	8.44
BEAVERTON-HILLSDALE	1.43	1.50	8.44
BEAVERTON-HILLSDALE	3.18	3.20	8.44
ROGUE VALLEY	10.80	10.86	8.44
BEAVERTON-HILLSDALE	2.74	2.75	8.44
BEAVERTON-HILLSDALE	1.58	2.07	8.44
BEAVERTON-HILLSDALE	1.32	1.38	8.44
CASCADE HWY NORTH	4.47	4.75	8.44
CASCADE HWY NORTH	2.75	2.94	8.44
CASCADE HWY NORTH	1.90	1.98	8.44
CASCADE HWY NORTH	3.82	3.99	8.44
CASCADE HWY NORTH	3.16	3.45	8.44
CASCADE HWY NORTH	1.64	1.75	8.44
PACIFIC HIGHWAY EAST	20.98	21.14	8.44
CASCADE HWY NORTH	4.24	4.42	8.44
CASCADE HWY NORTH	3.68	3.69	8.44
CASCADE HWY NORTH	1.07	1.37	8.44
CASCADE HWY NORTH	7.25	7.33	8.44
CASCADE HWY NORTH	2.33	2.53	8.44
CASCADE HWY NORTH	5.40	5.60	8.44
CASCADE HWY NORTH	6.12	6.55	8.44
PACIFIC HIGHWAY EAST	32.65	32.87	8.44
CASCADE HWY NORTH	7.18	7.23	8.44

CASCADE HWY NORTH	0.44	0.53	8.44
CASCADE HWY NORTH	3.00	3.11	8.44
CASCADE HWY NORTH	3.72	3.74	8.44
CASCADE HWY NORTH	0.99	1.04	8.44
CASCADE HWY NORTH	0.70	0.95	8.44
CASCADE HWY NORTH	5.15	5.16	8.44
CASCADE HWY NORTH	1.04	1.05	8.44
CASCADE HWY NORTH	5.72	5.98	8.44
NORTH UMPQUA HIGHWAY EAST	0.73	0.95	8.44
NORTH UMPQUA HIGHWAY EAST	1.00	1.38	8.44
NORTHEAST PORTLAND	6.15	6.24	8.44
NORTH UMPQUA HIGHWAY EAST	1.46	1.47	8.44
CAPE ARAGO	0.96	1.45	8.44
CAPE ARAGO	1.55	1.69	8.44
CASCADE HWY NORTH	5.72	5.98	8.44
OSWEGO	2.12	2.18	8.42
OSWEGO	1.31	1.35	8.42
OSWEGO	0.78	0.81	8.42
OSWEGO	1.74	1.81	8.42
OSWEGO	2.50	2.51	8.42
OSWEGO	0.64	0.69	8.42
OSWEGO	1.02	1.06	8.42
OSWEGO	2.33	2.38	8.42
OSWEGO	1.10	1.15	8.42
OSWEGO	1.22	1.24	8.42
OSWEGO	2.42	2.50	8.42
MT. HOOD	0.43	0.74	8.42
MT. HOOD	0.41	0.42	8.42
SANTIAM	14.84	14.98	8.42
MT. HOOD	0.37	0.38	8.42
MT. HOOD	0.35	0.36	8.42
OREGON COAST	18.55	18.74	8.42
MT. HOOD	0.39	0.41	8.42
OREGON COAST	18.07	18.18	8.42
MT. HOOD	5.49	5.59	8.42
MT. HOOD	0.36	0.37	8.42
MT. HOOD	0.42	0.43	8.42
MT. HOOD	0.38	0.39	8.42
TUALATIN VALLEY	1.35	1.42	8.42
MT. HOOD	5.40	5.42	8.42
BEAVERTON-HILLSDALE	2.43	2.56	8.42
BEAVERTON-HILLSDALE	2.56	2.61	8.42
SALMON RIVER	46.86	47.03	8.42
BEAVERTON-HILLSDALE	3.29	3.34	8.42
BEAVERTON-HILLSDALE	2.21	2.38	8.42
PACIFIC HIGHWAY EAST	11.72	11.74	8.42
CASCADE HWY NORTH	2.00	2.02	8.42
CASCADE HWY NORTH	3.99	4.24	8.42
PACIFIC HIGHWAY EAST	11.81	11.82	8.42
PACIFIC HIGHWAY EAST	11.74	11.74	8.42
CASCADE HWY NORTH	9.52	9.56	8.42
CASCADE HWY NORTH	2.21	2.23	8.42
PACIFIC HIGHWAY EAST	11.85	11.88	8.42
PACIFIC HIGHWAY EAST	11.63	11.64	8.42
PACIFIC HIGHWAY EAST	21.42	21.45	8.42
CASCADE HWY NORTH	1.87	1.89	8.42
PACIFIC HIGHWAY EAST	11.53	11.63	8.42
CASCADE HWY NORTH	5.16	5.18	8.42
CASCADE HWY NORTH	4.79	5.12	8.42
PACIFIC HIGHWAY EAST	11.64	11.72	8.42
PACIFIC HIGHWAY EAST	11.74	11.81	8.42
CASCADE HWY SOUTH	0.48	0.58	8.42
ROSS ISLAND CONN. NO. 2	0.22	0.23	8.41
ROSS ISLAND CONN. NO. 2	0.22	0.23	8.41
OREGON COAST	18.46	18.50	8.41
ROSS ISLAND CONN. NO. 2	0.22	0.23	8.41
ROSS ISLAND CONN. NO. 2	0.22	0.23	8.41
ROSS ISLAND CONN. NO. 2	0.22	0.23	8.41
ROSS ISLAND CONN. NO. 2	0.22	0.23	8.41
ROSS ISLAND CONN. NO. 2	0.22	0.23	8.41
ROSS ISLAND CONN. NO. 2	0.22	0.23	8.41
ROSS ISLAND CONN. NO. 2	0.22	0.23	8.41
ROSS ISLAND CONN. NO. 2	0.22	0.23	8.41
ROSS ISLAND CONN. NO. 2	0.22	0.23	8.41
ROSS ISLAND CONN. NO. 2	0.22	0.23	8.41
ROSS ISLAND CONN. NO. 2	0.22	0.23	8.41

ROSS ISLAND CONN. NO. 2	0.22	0.23	8.41
ROSS ISLAND CONN. NO. 2	0.22	0.23	8.41
OSWEGO	11.01	11.06	8.38
CASCADE HWY NORTH	8.23	8.30	8.38
PACIFIC HIGHWAY EAST	32.87	33.06	8.38
LA GRANDE-BAKER	50.44	50.46	8.38
NORTHEAST PORTLAND	4.34	4.38	8.38
NORTHEAST PORTLAND	5.25	5.26	8.38
NORTHEAST PORTLAND	4.53	4.81	8.38
NORTHEAST PORTLAND	5.92	6.07	8.38
NORTHEAST PORTLAND	4.00	4.31	8.38
NORTHEAST PORTLAND	4.85	5.05	8.38
NORTHEAST PORTLAND	4.42	4.45	8.38
NORTHEAST PORTLAND	5.74	5.83	8.38
NORTHEAST PORTLAND	5.51	5.59	8.38
COLUMBIA RIVER	185.58	185.72	8.36
OSWEGO	0.62	0.69	8.36
OSWEGO	5.78	5.86	8.36
WILSON RIVER	0.74	0.75	8.36
WILSON RIVER	0.52	0.59	8.36
BEAVERTON-TUALATIN	2.71	2.72	8.36
BEAVERTON-TUALATIN	2.68	2.71	8.36
BEAVERTON-TUALATIN	2.71	2.71	8.36
BEAVERTON-TUALATIN	2.72	2.75	8.36
OREGON COAST	114.33	114.43	8.33
OREGON COAST	114.04	114.09	8.33
PACIFIC HIGHWAY EAST	-3.75	-3.75	8.33
COLUMBIA RIVER	184.01	184.03	7.44
OREGON-WASHINGTON	30.74	31.15	7.44
SANTIAM	1.30	1.31	7.44
OREGON COAST	65.32	65.43	7.44
MCKENZIE-BEND	20.22	20.40	7.44
TUALATIN VALLEY	2.56	2.58	7.44
TUALATIN VALLEY	2.24	2.42	7.44
OREGON COAST	237.24	237.26	7.44
MCKENZIE-BEND	20.55	20.99	7.44
OREGON COAST	139.98	140.27	7.44
KLAMATH FALLS-MALIN	-4.51	-4.46	7.44
ROGUE VALLEY	5.16	5.21	7.44
KLAMATH FALLS-MALIN	-4.80	-4.60	7.44
ROGUE VALLEY	10.58	10.66	7.44
UMATILLA-STANFIELD	4.63	4.78	7.44
ROGUE VALLEY	10.77	10.80	7.44
CASCADE HWY NORTH	0.56	0.57	7.44
CASCADE HWY NORTH	1.05	1.07	7.44
CASCADE HWY NORTH	1.04	1.04	7.44
PACIFIC HIGHWAY EAST	20.92	20.98	7.44
CASCADE HWY NORTH	7.17	7.18	7.44
CASCADE HWY NORTH	0.61	0.70	7.44
PACIFIC HIGHWAY EAST	32.42	32.65	7.44
CASCADE HWY NORTH	6.55	6.98	7.44
PACIFIC HIGHWAY EAST	-4.07	-4.01	7.44
NORTH UMPQUA HIGHWAY EAST	0.29	0.37	7.44
NORTH UMPQUA HIGHWAY EAST	0.17	0.18	7.44
NORTH UMPQUA HIGHWAY EAST	0.68	0.73	7.44
NORTH UMPQUA HIGHWAY EAST	0.95	1.00	7.44
CAPE ARAGO	1.45	1.55	7.44
CAPE ARAGO	1.69	1.70	7.44
CAPE ARAGO	1.88	2.19	7.44
OREGON COAST	9.63	9.82	7.43
SANTIAM	14.68	14.69	7.43
OREGON COAST	140.84	141.23	7.43
OREGON COAST	140.82	140.83	7.43
OREGON COAST	17.88	17.99	7.43
ROGUE VALLEY	17.02	17.07	7.43
ROGUE VALLEY	10.24	10.49	7.43
ROGUE VALLEY	9.05	9.07	7.43
BEAVERTON-HILLSDALE	1.38	1.43	7.43
CASCADE HWY NORTH	7.86	7.88	7.43
PACIFIC HIGHWAY WEST	7.79	7.80	7.43
CASCADE HWY NORTH	7.41	7.42	7.43
PACIFIC HIGHWAY WEST	7.64	7.66	7.43
LOWER COLUMBIA RIVER	8.55	8.60	7.43
CLACKAMAS	7.32	7.33	7.43
CLACKAMAS	8.15	8.16	7.43
S MEDFORD CONN. NO. 3	27.30	27.34	7.42
OREGON-WASHINGTON	33.29	33.53	7.42

OSWEGO	1.24	1.31	7.42
OREGON-WASHINGTON	33.69	33.90	7.42
OSWEGO	0.69	0.78	7.42
OSWEGO	2.21	2.33	7.42
OSWEGO	1.06	1.10	7.42
OSWEGO	2.11	2.12	7.42
OSWEGO	2.38	2.42	7.42
OSWEGO	2.08	2.11	7.42
OSWEGO	2.51	2.52	7.42
OSWEGO	1.81	1.84	7.42
OSWEGO	2.18	2.20	7.42
OSWEGO	1.15	1.22	7.42
OSWEGO	1.35	1.60	7.42
OSWEGO	0.81	0.90	7.42
TUALATIN VALLEY	3.89	4.02	7.42
MT. HOOD	3.86	3.99	7.42
CRATER LAKE	0.80	0.88	7.42
MT. HOOD	2.43	2.73	7.42
BAKER-COPPERFIELD	1.13	1.14	7.42
BAKER-COPPERFIELD	1.22	1.26	7.42
REDWOOD	0.25	0.32	7.42
MT. HOOD	0.95	1.00	7.42
CRATER LAKE	0.88	1.05	7.42
BAKER-COPPERFIELD	1.05	1.13	7.42
REDWOOD	-2.50	-2.45	7.42
CRATER LAKE	0.69	0.79	7.42
MT. HOOD	1.43	1.47	7.42
OREGON COAST	236.06	236.13	7.42
MT. HOOD	5.59	5.61	7.42
MT. HOOD	14.77	14.99	7.42
OREGON COAST	139.11	139.32	7.42
REDWOOD	2.69	3.29	7.42
MT. HOOD	1.15	1.25	7.42
MT. HOOD	2.80	3.21	7.42
MT. HOOD	1.26	1.38	7.42
MT. HOOD	5.42	5.49	7.42
MCKENZIE-BEND	18.72	18.80	7.42
MT. HOOD	3.62	3.76	7.42
ALBANY-CORVALLIS	10.05	10.29	7.42
TUALATIN VALLEY	2.04	2.10	7.42
MT. HOOD	0.93	0.95	7.42
MT. HOOD	4.09	4.26	7.42
TUALATIN VALLEY	3.38	3.55	7.42
TUALATIN VALLEY	0.53	0.76	7.42
WILLAMETTE	0.46	0.70	7.42
MT. HOOD	4.74	4.79	7.42
MT. HOOD	1.01	1.06	7.42
MT. HOOD	1.76	1.81	7.42
OREGON COAST	236.35	236.42	7.42
BAKER-COPPERFIELD	1.14	1.19	7.42
TUALATIN VALLEY	1.77	1.85	7.42
OREGON COAST	236.88	236.88	7.42
OREGON COAST	18.74	18.85	7.42
TUALATIN VALLEY	2.48	2.56	7.42
MT. HOOD	4.33	4.59	7.42
OREGON COAST	236.55	236.80	7.42
SANTIAM	26.77	27.05	7.42
SANTIAM	14.98	15.02	7.42
MT. HOOD	14.53	14.56	7.42
MT. HOOD	4.64	4.69	7.42
MT. HOOD	1.00	1.01	7.42
MT. HOOD	4.80	5.04	7.42
OREGON COAST	236.05	236.06	7.42
MT. HOOD	5.27	5.35	7.42
BAKER-COPPERFIELD	1.19	1.22	7.42
REDWOOD	0.35	0.47	7.42
MT. HOOD	1.06	1.10	7.42
TUALATIN VALLEY	1.42	1.61	7.42
MT. HOOD	14.22	14.45	7.42
SANTIAM	14.78	14.84	7.42
MT. HOOD	1.91	2.22	7.42
OREGON COAST	235.54	235.72	7.42
MT. HOOD	14.65	14.75	7.42
TUALATIN VALLEY	0.79	1.35	7.42
ALBANY-CORVALLIS	9.87	9.97	7.42
KLAMATH FALLS-MALIN	-4.08	-4.01	7.42
KLAMATH FALLS-MALIN	-5.40	-5.22	7.42

COOS BAY-ROSEBURG	76.43	76.53	7.42
ROGUE VALLEY	10.69	10.77	7.42
BEAVERTON-HILLSDALE	2.61	2.74	7.42
SALMON RIVER	46.69	46.86	7.42
KLAMATH FALLS-MALIN	-3.96	-3.24	7.42
BEAVERTON-HILLSDALE	2.38	2.43	7.42
BEAVERTON-HILLSDALE	3.14	3.18	7.42
KLAMATH FALLS-MALIN	-4.57	-4.53	7.42
ROGUE VALLEY	12.24	12.37	7.42
BEAVERTON-HILLSDALE	2.07	2.21	7.42
BEAVERTON-HILLSDALE	2.75	3.05	7.42
COOS BAY-ROSEBURG	76.22	76.43	7.42
KLAMATH FALLS-MALIN	-4.37	-4.31	7.42
BEAVERTON-HILLSDALE	1.50	1.58	7.42
COOS BAY-ROSEBURG	74.85	75.04	7.42
SALMON RIVER	47.03	47.04	7.42
BEAVERTON-HILLSDALE	3.20	3.29	7.42
SALMON RIVER	46.37	46.69	7.42
ROGUE VALLEY	10.89	11.03	7.42
PACIFIC HIGHWAY EAST	2.33	2.59	7.42
CASCADE HWY NORTH	3.45	3.68	7.42
PACIFIC HIGHWAY EAST	11.82	11.85	7.42
CASCADE HWY NORTH	5.60	5.72	7.42
PACIFIC HIGHWAY EAST	12.74	12.95	7.42
CASCADE HWY NORTH	2.25	2.33	7.42
CASCADE HWY NORTH	0.53	0.53	7.42
PACIFIC HIGHWAY EAST	21.45	21.52	7.42
PACIFIC HIGHWAY WEST	4.82	4.89	7.42
PACIFIC HIGHWAY WEST	21.64	21.69	7.42
CASCADE HWY NORTH	1.89	1.90	7.42
PACIFIC HIGHWAY EAST	21.75	21.85	7.42
CASCADE HWY NORTH	5.18	5.40	7.42
PACIFIC HIGHWAY WEST	7.59	7.61	7.42
CASCADE HWY NORTH	5.16	5.16	7.42
CASCADE HWY NORTH	8.12	8.18	7.42
PACIFIC HIGHWAY EAST	2.03	2.09	7.42
PACIFIC HIGHWAY WEST	4.74	4.79	7.42
CASCADE HWY NORTH	3.69	3.72	7.42
PACIFIC HIGHWAY EAST	21.53	21.66	7.42
CASCADE HWY NORTH	4.75	4.79	7.42
PACIFIC HIGHWAY WEST	7.43	7.45	7.42
CASCADE HWY NORTH	2.94	3.00	7.42
CASCADE HWY NORTH	3.74	3.82	7.42
PACIFIC HIGHWAY WEST	35.64	35.66	7.42
PACIFIC HIGHWAY WEST	7.45	7.55	7.42
CASCADE HWY NORTH	3.11	3.16	7.42
CASCADE HWY NORTH	2.02	2.21	7.42
CASCADE HWY NORTH	9.56	9.64	7.42
PACIFIC HIGHWAY EAST	21.14	21.42	7.42
CASCADE HWY NORTH	1.75	1.87	7.42
PACIFIC HIGHWAY WEST	7.39	7.43	7.42
CASCADE HWY NORTH	2.23	2.24	7.42
PACIFIC HIGHWAY EAST	2.23	2.33	7.42
PACIFIC HIGHWAY EAST	21.72	21.72	7.42
PACIFIC HIGHWAY WEST	7.29	7.37	7.42
CASCADE HWY NORTH	2.53	2.75	7.42
CASCADE HWY NORTH	1.37	1.55	7.42
PACIFIC HIGHWAY WEST	7.37	7.38	7.42
CASCADE HWY NORTH	5.98	6.12	7.42
CASCADE HWY NORTH	2.24	2.25	7.42
PACIFIC HIGHWAY WEST	9.17	9.39	7.42
CASCADE HWY NORTH	7.23	7.25	7.42
PACIFIC HIGHWAY WEST	35.81	35.85	7.42
CASCADE HWY NORTH	4.42	4.47	7.42
PACIFIC HIGHWAY WEST	7.38	7.39	7.42
NORTH UMPQUA HIGHWAY EAST	1.47	1.97	7.42
NORTHEAST PORTLAND	11.24	11.25	7.42
LOWER COLUMBIA RIVER	19.56	19.64	7.42
LOWER COLUMBIA RIVER	25.21	25.25	7.42
CASCADE HWY SOUTH	2.80	2.98	7.42
NORTH UMPQUA HIGHWAY EAST	0.57	0.62	7.42
NORTHEAST PORTLAND	11.25	11.29	7.42
NORTHEAST PORTLAND	6.24	6.28	7.42
LOWER COLUMBIA RIVER	25.25	25.55	7.42
NORTHEAST PORTLAND	11.23	11.24	7.42
CLACKAMAS-BORING	0.05	0.08	7.42
REDWOOD SPUR	-0.69	-0.64	7.42

REDWOOD SPUR	-0.64	-0.58	7.42
OLDS FERRY-ONTARIO	29.44	29.52	7.42
OLDS FERRY-ONTARIO	27.77	27.90	7.42
OLDS FERRY-ONTARIO	27.71	27.77	7.42
SANTIAM	26.67	26.72	7.41
SANTIAM	14.65	14.68	7.41
MT. HOOD	18.35	18.36	7.41
CRATER LAKE	1.06	1.09	7.41
SANTIAM	23.08	23.10	7.41
OREGON COAST	17.99	18.07	7.41
UMATILLA-STANFIELD	6.91	6.94	7.41
BEAVERTON-HILLSDALE	3.34	3.41	7.41
KLAMATH FALLS-MALIN	-3.24	-3.22	7.41
PACIFIC HIGHWAY EAST	11.17	11.28	7.41
BELTLINE	2.84	2.86	7.41
BELTLINE	3.08	3.10	7.41
LOWER COLUMBIA RIVER	24.48	24.50	7.41
CLACKAMAS	7.86	8.13	7.41
NORTH UMPQUA HIGHWAY EAST	1.38	1.46	7.41
LOWER COLUMBIA RIVER	23.35	23.36	7.41
OLDS FERRY-ONTARIO	29.61	29.67	7.41
MT. HOOD	0.74	0.80	7.39
OREGON COAST	18.18	18.46	7.39
CASCADE HWY SOUTH	0.15	0.23	7.39
CENTRAL OREGON	1.00	1.16	7.38
OSWEGO	11.01	11.01	7.38
MCKENZIE	5.28	5.29	7.38
SANTIAM	27.87	28.18	7.38
PENDLETON-JOHN DAY	2.26	2.32	7.38
GREEN SPRINGS	1.18	1.24	7.38
OREGON COAST	189.21	189.26	7.38
MCKENZIE	3.78	4.08	7.38
OREGON COAST	236.49	236.50	7.38
MCKENZIE	5.42	6.03	7.38
PENDLETON-JOHN DAY	2.38	2.43	7.38
GREEN SPRINGS	0.88	0.95	7.38
SANTIAM	0.18	0.18	7.38
MCKENZIE	3.51	3.63	7.38
SANTIAM	0.82	0.83	7.38
OREGON COAST	189.07	189.14	7.38
SANTIAM	0.80	0.82	7.38
MCKENZIE	3.73	3.73	7.38
OREGON COAST	188.30	188.57	7.38
OREGON COAST	188.65	188.73	7.38
MCKENZIE	6.42	6.43	7.38
SANTIAM	0.73	0.74	7.38
MCKENZIE	7.01	7.04	7.38
MCKENZIE	6.84	6.85	7.38
CRATER LAKE	0.43	0.43	7.38
TUALATIN VALLEY	12.18	12.35	7.38
PENDLETON-JOHN DAY	2.49	2.51	7.38
OREGON COAST	357.02	357.06	7.38
SANTIAM	0.64	0.72	7.38
SANTIAM	0.23	0.29	7.38
CRATER LAKE	0.42	0.43	7.38
OREGON COAST	189.28	189.33	7.38
SANTIAM	0.15	0.15	7.38
MCKENZIE	6.23	6.24	7.38
SANTIAM	0.75	0.77	7.38
WALLOWA LAKE	1.72	1.73	7.38
CRATER LAKE	7.15	7.17	7.38
OREGON COAST	356.65	356.92	7.38
SANTIAM	0.44	0.51	7.38
OREGON COAST	115.57	115.66	7.38
TUALATIN VALLEY	1.88	1.96	7.38
SANTIAM	0.29	0.34	7.38
ROGUE VALLEY	18.21	18.29	7.38
ROGUE VALLEY	14.20	14.21	7.38
SALEM	7.43	7.46	7.38
PACIFIC HIGHWAY WEST	9.46	9.47	7.38
PACIFIC HIGHWAY EAST	33.06	33.11	7.38
LA GRANDE-BAKER	50.41	50.44	7.38
PACIFIC HIGHWAY WEST	21.87	21.88	7.38
PACIFIC HIGHWAY EAST	10.02	10.14	7.38
PACIFIC HIGHWAY WEST	5.36	5.53	7.38
PACIFIC HIGHWAY WEST	36.87	36.88	7.38
PACIFIC HIGHWAY WEST	5.03	5.07	7.38

PACIFIC HIGHWAY EAST	9.76	9.81	7.38
PACIFIC HIGHWAY WEST	9.56	9.61	7.38
PACIFIC HIGHWAY WEST	2.26	2.27	7.38
PACIFIC HIGHWAY WEST	6.17	6.19	7.38
PACIFIC HIGHWAY WEST	38.60	38.67	7.38
SALEM	7.90	7.92	7.38
PACIFIC HIGHWAY WEST	8.88	8.94	7.38
PACIFIC HIGHWAY WEST	5.07	5.10	7.38
PACIFIC HIGHWAY WEST	5.60	5.78	7.38
PACIFIC HIGHWAY WEST	38.57	38.59	7.38
CASCADE HWY NORTH	9.05	9.15	7.38
PACIFIC HIGHWAY WEST	5.10	5.16	7.38
PACIFIC HIGHWAY EAST	9.97	9.97	7.38
PACIFIC HIGHWAY WEST	4.89	4.95	7.38
PACIFIC HIGHWAY WEST	4.45	4.68	7.38
PACIFIC HIGHWAY EAST	9.40	9.51	7.38
PACIFIC HIGHWAY WEST	36.36	36.71	7.38
SALEM	7.52	7.52	7.38
SALEM-DAYTON	20.13	20.15	7.38
LOWER COLUMBIA RIVER	28.56	28.59	7.38
NORTHEAST PORTLAND	11.95	12.11	7.38
NORTHEAST PORTLAND	5.59	5.74	7.38
SALEM-DAYTON	20.19	20.26	7.38
NORTHEAST PORTLAND	3.75	3.85	7.38
NORTHEAST PORTLAND	9.87	9.91	7.38
JACKSONVILLE	0.64	0.65	7.38
JACKSONVILLE	0.63	0.64	7.38
JACKSONVILLE	0.60	0.62	7.38
JACKSONVILLE	0.65	0.65	7.38
PACIFIC HIGHWAY WEST	110.27	110.28	7.37
COLUMBIA RIVER	185.47	185.58	7.36
COLUMBIA RIVER	185.72	185.84	7.36
OSWEGO	3.52	3.62	7.36
OSWEGO	11.06	11.13	7.36
OSWEGO	5.78	5.78	7.36
OSWEGO	11.13	11.14	7.36
OSWEGO	7.70	7.96	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
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CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.15	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
KLAMATH FALLS-LAKEVIEW	5.58	5.60	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
REDWOOD	-2.45	-2.43	7.36
TUALATIN VALLEY	12.15	12.18	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
KLAMATH FALLS-LAKEVIEW	5.55	5.58	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
TUALATIN VALLEY	17.48	17.88	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36

CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
MCKENZIE-BEND	19.02	19.04	7.36
OREGON COAST	115.66	115.84	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
TUALATIN VALLEY	13.58	13.59	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.18	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	53.77	53.84	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
TUALATIN VALLEY	0.28	0.38	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.18	54.19	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
BAKER-COPPERFIELD	0.98	1.01	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
MCKENZIE-BEND	19.06	19.07	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
MCKENZIE-BEND	18.80	18.88	7.36
CORVALLIS-NEWPORT	53.67	53.72	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
CORVALLIS-NEWPORT	54.08	54.08	7.36
WILSON RIVER	0.69	0.74	7.36
KLAMATH FALLS-MALIN	0.22	0.35	7.36
WILSON RIVER	0.46	0.49	7.36
WILSON RIVER	0.59	0.68	7.36
KLAMATH FALLS-MALIN	0.55	0.77	7.36
CASCADE HWY NORTH	8.23	8.23	7.36
PACIFIC HIGHWAY EAST	2.98	2.99	7.36
PACIFIC HIGHWAY EAST	11.48	11.53	7.36
PACIFIC HIGHWAY WEST	7.61	7.63	7.36
LA GRANDE-BAKER	50.09	50.12	7.36
CASCADE HWY NORTH	8.30	8.63	7.36
PACIFIC HIGHWAY EAST	2.73	2.79	7.36
CASCADE HWY NORTH	9.40	9.52	7.36
PACIFIC HIGHWAY EAST	11.47	11.48	7.36
CASCADE HWY NORTH	9.31	9.40	7.36
PACIFIC HIGHWAY EAST	21.95	22.05	7.36
PACIFIC HIGHWAY EAST	2.28	2.33	7.36
NORTHEAST PORTLAND	1.22	1.29	7.36
HILLSBORO-SILVERTON	50.19	50.20	7.36
NORTHEAST PORTLAND	5.05	5.25	7.36
NORTHEAST PORTLAND	5.30	5.32	7.36
NORTHEAST PORTLAND	5.36	5.38	7.36
NORTHEAST PORTLAND	5.32	5.33	7.36
NORTHEAST PORTLAND	4.38	4.42	7.36
NORTHEAST PORTLAND	5.34	5.36	7.36
NORTHEAST PORTLAND	4.81	4.85	7.36
LOWER COLUMBIA RIVER	96.13	96.19	7.36
NORTHEAST PORTLAND	5.26	5.30	7.36
LOWER COLUMBIA RIVER	96.88	96.92	7.36
NORTHEAST PORTLAND	4.45	4.53	7.36
NEHALEM	1.52	1.61	7.36
NORTHEAST PORTLAND	5.38	5.51	7.36
CASCADE HWY SOUTH	0.35	0.48	7.36
NORTHEAST PORTLAND	3.97	4.00	7.36
CASCADE HWY SOUTH	3.63	3.69	7.36
FARMINGTON	6.57	6.62	7.36
NORTHEAST PORTLAND	4.31	4.34	7.36

DALLAS-RICKREALL	1.76	1.81	7.36
HALSEY-SWEET HOME	21.21	21.23	7.36
INDEPENDENCE	5.92	5.98	7.36
HALSEY-SWEET HOME	20.71	21.18	7.36
HALSEY-SWEET HOME	21.38	21.40	7.36
INDEPENDENCE	5.70	5.77	7.36
COLUMBIA RIVER	185.11	185.13	7.35
LA GRANDE-BAKER	50.34	50.36	7.35
LA GRANDE-BAKER	50.27	50.27	7.35
LA GRANDE-BAKER	50.23	50.26	7.35
OSWEGO	0.08	0.08	7.34
OSWEGO	0.37	0.62	7.34
ROSS ISLAND BRIDGE CONN. 5	0.08	0.08	7.34
OSWEGO	0.08	0.08	7.34
OSWEGO	0.72	0.76	7.34
ROSS ISLAND BRIDGE CONN. 5	0.08	0.08	7.34
OSWEGO	0.08	0.08	7.34
ROSS ISLAND BRIDGE CONN. 5	0.08	0.08	7.34
OSWEGO	0.08	0.08	7.34
OSWEGO	0.08	0.08	7.34
ROSS ISLAND BRIDGE CONN. 5	0.08	0.08	7.34
OSWEGO	0.06	0.08	7.34
OSWEGO	0.08	0.08	7.34
OSWEGO	0.09	0.12	7.34
ROSS ISLAND BRIDGE CONN. 5	0.08	0.08	7.34
ROSS ISLAND BRIDGE CONN. 5	0.08	0.08	7.34
ROSS ISLAND BRIDGE CONN. 5	0.08	0.08	7.34
OSWEGO	0.08	0.08	7.34
ROSS ISLAND BRIDGE CONN. 5	0.08	0.08	7.34
OSWEGO	0.08	0.08	7.34
OSWEGO	0.00	0.06	7.34
ROSS ISLAND BRIDGE CONN. 5	0.08	0.08	7.34
OSWEGO	0.08	0.08	7.34
OSWEGO	0.08	0.08	7.34
ROSS ISLAND BRIDGE CONN. 5	0.08	0.08	7.34
OSWEGO	0.08	0.08	7.34
ROSS ISLAND BRIDGE CONN. 5	0.08	0.08	7.34
OSWEGO	0.31	0.37	7.34
ROSS ISLAND BRIDGE CONN. 5	0.08	0.08	7.34
OSWEGO	0.08	0.08	7.34
OSWEGO	0.64	0.64	7.34
ROSS ISLAND BRIDGE CONN. 5	0.08	0.08	7.34
OSWEGO	0.76	0.76	7.34
ROSS ISLAND BRIDGE CONN. 5	0.08	0.08	7.34
OSWEGO	0.14	0.18	7.34
OSWEGO	0.64	0.64	7.34
OSWEGO	0.08	0.08	7.34
OSWEGO	0.12	0.14	7.34
OSWEGO	0.08	0.08	7.34
OSWEGO	0.18	0.31	7.34
ROSS ISLAND BRIDGE CONN. 5	0.08	0.08	7.34
OSWEGO	0.08	0.08	7.34
OSWEGO	0.08	0.08	7.34
OSWEGO	0.08	0.08	7.34
OSWEGO	0.08	0.08	7.34
OSWEGO	2.62	2.64	7.34
ROSS ISLAND BRIDGE CONN. 5	0.08	0.08	7.34
OSWEGO	0.58	0.59	7.34
OSWEGO	0.60	0.60	7.34
ROSS ISLAND BRIDGE CONN. 5	0.08	0.08	7.34
OSWEGO	0.08	0.09	7.34
MCKENZIE	1.35	1.35	7.34
OREGON COAST	190.84	190.95	7.34
MCKENZIE-BEND	18.65	18.69	7.34
OREGON COAST	19.38	19.52	7.34
TUALATIN VALLEY	17.88	18.08	7.34
PACIFIC HIGHWAY EAST	5.43	5.46	7.34
PACIFIC HIGHWAY EAST	5.46	5.51	7.34
PACIFIC HIGHWAY EAST	4.30	4.44	7.34
PACIFIC HIGHWAY EAST	4.44	4.64	7.34
PACIFIC HIGHWAY WEST	1.69	1.72	7.34
PACIFIC HIGHWAY EAST	5.46	5.46	7.34
PACIFIC HIGHWAY EAST	3.21	3.23	7.34
PACIFIC HIGHWAY WEST	1.85	1.86	7.34
PACIFIC HIGHWAY WEST	1.70	1.86	7.34
PACIFIC HIGHWAY EAST	5.46	5.51	7.34
PACIFIC HIGHWAY EAST	4.40	4.63	7.34
PACIFIC HIGHWAY WEST	1.72	1.85	7.34

PACIFIC HIGHWAY EAST	5.44	5.46	7.34
PACIFIC HIGHWAY EAST	5.46	5.46	7.34
PACIFIC HIGHWAY EAST	3.22	3.23	7.34
NORTHEAST PORTLAND	13.71	13.80	7.34
CASCADE HWY SOUTH	0.58	0.63	7.34
OREGON-WASHINGTON	29.92	30.01	7.33
OREGON-WASHINGTON	30.13	30.19	7.33
OREGON-WASHINGTON	26.92	26.93	7.33
OREGON-WASHINGTON	30.25	30.59	7.33
OREGON-WASHINGTON	30.68	30.69	7.33
OREGON COAST	235.13	235.31	7.33
OREGON COAST	115.32	115.36	7.33
OREGON COAST	113.82	114.04	7.33
OREGON COAST	117.54	117.83	7.33
OREGON COAST	114.60	114.64	7.33
OREGON COAST	235.50	235.53	7.33
OREGON COAST	114.80	114.83	7.33
OREGON COAST	112.99	113.00	7.33
OREGON COAST	357.07	357.14	7.33
OREGON COAST	115.53	115.55	7.33
SANTIAM	13.60	13.66	7.33
OREGON COAST	115.03	115.23	7.33
OREGON COAST	140.37	140.57	7.33
SANTIAM	27.17	27.24	7.33
BEAVERTON-HILLSDALE	1.11	1.32	7.33
PACIFIC HIGHWAY WEST	37.00	37.00	7.33
PACIFIC HIGHWAY EAST	-3.80	-3.75	7.33
PACIFIC HIGHWAY EAST	12.39	12.46	7.33
PACIFIC HIGHWAY EAST	12.33	12.39	7.33
PACIFIC HIGHWAY EAST	12.56	12.60	7.33
LOWER COLUMBIA RIVER	99.15	99.17	7.33
CAPE ARAGO	0.63	0.69	7.33
GOSHEN-DIVIDE	14.22	14.28	7.33
CAPE ARAGO	0.82	0.96	7.33
JACKSONVILLE	0.13	0.14	7.33
CAPE ARAGO	0.05	0.32	7.33
CAPE ARAGO	0.70	0.77	7.33
OSWEGO	5.73	5.74	7.32
OREGON COAST	190.55	190.61	7.32
OREGON COAST	114.43	114.46	7.32
KLAMATH FALLS-LAKEVIEW	2.65	2.70	7.32
KLAMATH FALLS-LAKEVIEW	2.72	2.74	7.32
OREGON COAST	190.75	190.77	7.32
KLAMATH FALLS-LAKEVIEW	2.97	3.13	7.32
OSWEGO	6.55	6.58	7.31
OSWEGO	6.13	6.44	7.31
OSWEGO	6.60	6.65	7.31
OREGON COAST	114.09	114.33	7.31
PACIFIC HIGHWAY EAST	-3.90	-3.80	7.31
PACIFIC HIGHWAY EAST	5.97	6.20	7.31
OSWEGO	10.71	10.72	7.3
OSWEGO	8.60	8.60	7.3
MT. HOOD	9.69	9.72	7.3
OREGON COAST	21.64	21.67	7.3
OREGON COAST	20.79	21.02	7.3
OREGON COAST	20.50	20.77	7.3
HILLSBORO-SILVERTON	39.31	39.44	7.3
BEAVERTON-TUALATIN	2.65	2.68	7.3
NORTHEAST PORTLAND	3.48	3.50	7.3
HILLSBORO-SILVERTON	19.22	19.29	7.3
NORTHEAST PORTLAND	3.55	3.61	7.3
SCHOLLS	9.60	9.60	7.3
NORTHEAST PORTLAND	3.02	3.17	7.3
BEAVERTON-TUALATIN	2.75	2.84	7.3
NORTHEAST PORTLAND	1.99	2.26	7.3
NORTHEAST PORTLAND	3.24	3.29	7.3
HILLSBORO-SILVERTON	18.99	19.02	7.3
HILLSBORO-SILVERTON	19.09	19.16	7.3
SPRINGFIELD	1.15	1.29	7.3
SPRINGFIELD	1.17	1.31	7.3
GOSHEN-DIVIDE	15.22	15.26	7.3
GOSHEN-DIVIDE	15.21	15.22	7.3
GOSHEN-DIVIDE	15.21	15.22	7.3
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28

MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.22	0.22	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.22	0.22	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.22	0.22	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.22	0.22	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.16	0.22	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.22	0.30	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.22	0.22	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.22	0.22	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.22	0.22	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28

MT. HOOD	0.22	0.22	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.22	0.22	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.22	0.22	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.22	0.22	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.30	0.31	7.28
MT. HOOD	0.35	0.35	7.28
MT. HOOD	0.35	0.35	7.28
WILSON RIVER	0.75	0.76	7.28
PACIFIC HIGHWAY WEST	1.60	1.66	7.28
PACIFIC HIGHWAY WEST	1.29	1.43	7.28
PACIFIC HIGHWAY WEST	1.27	1.60	7.28
PACIFIC HIGHWAY WEST	1.26	1.27	7.28
PACIFIC HIGHWAY WEST	1.27	1.27	7.28
PACIFIC HIGHWAY WEST	1.66	1.67	7.28
PACIFIC HIGHWAY WEST	1.29	1.29	7.28
PACIFIC HIGHWAY WEST	1.43	1.60	7.28
PACIFIC HIGHWAY WEST	1.25	1.26	7.28
PACIFIC HIGHWAY WEST	1.60	1.66	7.28
PACIFIC HIGHWAY EAST	13.70	13.75	7.28

PACIFIC HIGHWAY WEST	1.66	1.67	7.28
PACIFIC HIGHWAY WEST	1.27	1.29	7.28
WILSON RIVER	0.33	0.43	7.27
PACIFIC HIGHWAY WEST	109.25	109.62	7.27
LA GRANDE-BAKER	50.62	50.73	7.27
LA GRANDE-BAKER	50.46	50.61	7.27
PACIFIC HIGHWAY WEST	109.02	109.17	7.27
LA GRANDE-BAKER	51.06	51.19	7.27
HILLSBORO-SILVERTON	0.09	0.15	7.27
HILLSBORO-SILVERTON	0.00	0.09	7.27
OSWEGO	0.32	0.34	7.25
OSWEGO	0.32	0.34	7.25
OSWEGO	0.32	0.34	7.25
OSWEGO	5.86	6.13	7.25
OSWEGO	0.32	0.34	7.25
OSWEGO	0.32	0.34	7.25
OSWEGO	0.32	0.34	7.25
OSWEGO	0.32	0.34	7.25
OSWEGO	0.32	0.34	7.25
MT. HOOD	0.00	0.01	7.24
PACIFIC HIGHWAY EAST	13.60	13.70	7.24
WILLAMINA-SHERIDAN	7.28	7.60	7.23
FORT STEVENS	3.62	3.68	7.23
OREGON COAST	141.23	141.25	6.43
SANTIAM	1.43	1.48	6.43
OREGON COAST	140.83	140.84	6.43
ROGUE VALLEY	10.23	10.24	6.43
ROGUE VALLEY	5.21	5.31	6.43
PACIFIC HIGHWAY WEST	117.04	117.06	6.43
LOWER COLUMBIA RIVER	8.60	8.68	6.43
NORTH UMPQUA HIGHWAY EAST	0.18	0.29	6.43
CLACKAMAS	7.31	7.32	6.43
COLUMBIA RIVER	183.94	184.01	6.42
COLUMBIA RIVER	184.03	184.05	6.42
THE DALLES-CALIFORNIA	273.62	273.89	6.42
OREGON-WASHINGTON	31.15	31.40	6.42
OREGON-WASHINGTON	-1.07	-0.93	6.42
THE DALLES-CALIFORNIA	273.33	273.37	6.42
OREGON-WASHINGTON	33.53	33.69	6.42
THE DALLES-CALIFORNIA	273.30	273.33	6.42
OREGON-WASHINGTON	33.90	33.94	6.42
OREGON-WASHINGTON	-0.93	-0.86	6.42
THE DALLES-CALIFORNIA	273.89	274.10	6.42
THE DALLES-CALIFORNIA	273.62	273.62	6.42
THE DALLES-CALIFORNIA	273.37	273.62	6.42
OREGON COAST	236.88	236.98	6.42
SANTIAM	1.31	1.32	6.42
CRATER LAKE	0.62	0.67	6.42
TUALATIN VALLEY	2.10	2.24	6.42
MCKENZIE-BEND	20.40	20.55	6.42
MT. HOOD	14.99	15.15	6.42
WILLAMETTE	0.42	0.46	6.42
CRATER LAKE	0.36	0.40	6.42
MT. HOOD	24.66	24.70	6.42
OREGON COAST	237.17	237.24	6.42
OREGON COAST	7.97	8.03	6.42
SANTIAM	1.16	1.30	6.42
OREGON COAST	236.80	236.88	6.42
MT. HOOD	14.45	14.53	6.42
CRATER LAKE	0.67	0.69	6.42
MT. HOOD	24.92	25.22	6.42
KLAMATH FALLS-MALIN	-2.55	-2.30	6.42
KLAMATH FALLS-MALIN	-4.31	-4.13	6.42
ALBANY-JUNCTION CITY	2.12	2.25	6.42
ROGUE VALLEY	5.43	5.48	6.42
ROGUE VALLEY	3.68	3.73	6.42
ROGUE VALLEY	5.07	5.16	6.42
ROGUE VALLEY	10.86	10.89	6.42
KLAMATH FALLS-MALIN	-5.22	-4.97	6.42
KLAMATH FALLS-MALIN	-3.21	-2.58	6.42
KLAMATH FALLS-MALIN	-4.60	-4.57	6.42
KLAMATH FALLS-MALIN	-4.97	-4.80	6.42
ALBANY-JUNCTION CITY	2.25	2.27	6.42
KLAMATH FALLS-MALIN	-4.46	-4.37	6.42
KLAMATH FALLS-MALIN	-4.53	-4.51	6.42
KLAMATH FALLS-MALIN	-4.01	-3.96	6.42
KLAMATH FALLS-MALIN	-4.13	-4.08	6.42

COOS BAY-ROSEBURG	75.44	75.69	6.42
PACIFIC HIGHWAY EAST	21.85	21.86	6.42
PACIFIC HIGHWAY WEST	35.66	35.72	6.42
PACIFIC HIGHWAY WEST	3.20	3.30	6.42
CASCADE HWY NORTH	6.98	7.17	6.42
PACIFIC HIGHWAY EAST	21.66	21.72	6.42
MISSION ST. CONN. NO. 1	6.49	6.51	6.42
PACIFIC HIGHWAY WEST	24.18	24.20	6.42
PACIFIC HIGHWAY EAST	11.11	11.13	6.42
PACIFIC HIGHWAY EAST	2.21	2.23	6.42
MISSION ST. CONN. NO. 1	6.40	6.49	6.42
PACIFIC HIGHWAY EAST	21.72	21.75	6.42
CASCADE HWY NORTH	0.57	0.61	6.42
CASCADE HWY NORTH	1.55	1.64	6.42
PACIFIC HIGHWAY WEST	7.90	7.94	6.42
PACIFIC HIGHWAY WEST	3.45	3.56	6.42
AIRPORT WAY CONN. NO. 3	25.07	25.18	6.42
PACIFIC HIGHWAY EAST	21.52	21.53	6.42
PACIFIC HIGHWAY EAST	2.09	2.21	6.42
AIRPORT WAY CONN. NO. 3	25.58	25.75	6.42
CASCADE HWY NORTH	0.53	0.56	6.42
PACIFIC HIGHWAY EAST	20.66	20.92	6.42
LOWER COLUMBIA RIVER	1.97	2.05	6.42
NORTH UMPQUA HIGHWAY EAST	-0.20	0.00	6.42
LOWER COLUMBIA RIVER	2.39	3.43	6.42
HILLSBORO-SILVERTON	38.91	39.19	6.42
NORTHEAST PORTLAND	6.28	6.42	6.42
CASCADE HWY SOUTH	2.98	3.24	6.42
STEPHENS ST. CONN.	0.01	0.10	6.42
HILLSBORO-SILVERTON	39.20	39.29	6.42
CASCADE HWY SOUTH	3.28	3.51	6.42
LOWER COLUMBIA RIVER	2.25	2.33	6.42
NORTH UMPQUA HIGHWAY EAST	0.02	0.17	6.42
NORTH UMPQUA HIGHWAY EAST	0.62	0.68	6.42
NORTH UMPQUA HIGHWAY EAST	0.37	0.57	6.42
REDWOOD SPUR	-0.55	-0.55	6.42
CAPE ARAGO	2.19	2.24	6.42
OLDS FERRY-ONTARIO	27.77	27.77	6.42
REDWOOD SPUR	-0.48	0.72	6.42
REDWOOD SPUR	-0.55	-0.48	6.42
REDWOOD SPUR	-0.55	-0.55	6.42
REDWOOD SPUR	-0.58	-0.55	6.42
OREGON-WASHINGTON	31.15	31.40	6.42
ALBANY-JUNCTION CITY	2.12	2.25	6.42
COLUMBIA RIVER	184.78	184.81	6.41
S MEDFORD CONN. NO. 3	27.00	27.13	6.41
S MEDFORD CONN. NO. 3	26.84	26.94	6.41
OREGON-WASHINGTON	34.42	34.68	6.41
OREGON-WASHINGTON	-1.41	-1.41	6.41
OREGON-WASHINGTON	35.19	35.23	6.41
OREGON-WASHINGTON	32.86	33.15	6.41
SANTIAM	14.26	14.38	6.41
SANTIAM	14.69	14.78	6.41
SANTIAM	14.01	14.12	6.41
SANTIAM	26.50	26.62	6.41
REDWOOD	1.04	1.08	6.41
OREGON COAST	17.62	17.88	6.41
SANTIAM	14.38	14.47	6.41
OREGON COAST	358.18	358.70	6.41
OREGON COAST	65.25	65.32	6.41
MT. HOOD	22.38	22.39	6.41
OREGON COAST	17.99	17.99	6.41
OREGON COAST	9.82	10.12	6.41
REDWOOD	2.56	2.69	6.41
SANTIAM	14.58	14.65	6.41
UMATILLA-STANFIELD	4.52	4.63	6.41
ROGUE VALLEY	9.08	9.79	6.41
COOS BAY-ROSEBURG	73.95	74.39	6.41
COOS BAY-ROSEBURG	74.61	74.85	6.41
ALBANY-JUNCTION CITY	7.73	7.79	6.41
ROGUE VALLEY	14.72	14.74	6.41
ROGUE VALLEY	12.37	13.56	6.41
ROGUE VALLEY	8.65	8.67	6.41
ROGUE VALLEY	8.93	9.05	6.41
ROGUE VALLEY	4.60	4.82	6.41
ROGUE VALLEY	9.89	10.23	6.41
ROGUE VALLEY	8.74	8.81	6.41

ROGUE VALLEY	16.88	17.02	6.41
ROGUE VALLEY	4.29	4.30	6.41
ROGUE VALLEY	17.07	17.22	6.41
UMATILLA-STANFIELD	3.33	3.79	6.41
PACIFIC HIGHWAY WEST	21.35	21.46	6.41
PACIFIC HIGHWAY WEST	7.80	7.84	6.41
PACIFIC HIGHWAY EAST	-5.90	-5.77	6.41
PACIFIC HIGHWAY EAST	11.13	11.17	6.41
PACIFIC HIGHWAY WEST	24.29	24.31	6.41
BELTLINE	2.86	3.08	6.41
CASCADE HWY NORTH	7.42	7.46	6.41
CASCADE HWY NORTH	7.33	7.41	6.41
CLACKAMAS	8.13	8.15	6.41
LOWER COLUMBIA RIVER	8.21	8.55	6.41
LOWER COLUMBIA RIVER	9.99	10.00	6.41
CASCADE HWY SOUTH	2.78	2.80	6.41
NORTH UMPQUA HIGHWAY EAST	2.76	3.05	6.41
CLACKAMAS	7.79	7.86	6.41
LOWER COLUMBIA RIVER	10.00	10.94	6.41
LOWER COLUMBIA RIVER	47.38	47.68	6.41
CLACKAMAS	7.33	7.36	6.41
LOWER COLUMBIA RIVER	19.55	19.56	6.41
OLDS FERRY-ONTARIO	29.67	29.87	6.41
JACKSONVILLE	38.08	38.09	6.41
CLACKAMAS-BORING	0.03	0.05	6.41
OLDS FERRY-ONTARIO	29.55	29.61	6.41
OREGON-WASHINGTON	32.76	32.79	6.4
OREGON COAST	359.94	359.99	6.4
OREGON COAST	358.11	358.13	6.4
OREGON COAST	192.15	192.19	6.4
OREGON COAST	359.28	359.29	6.4
UMATILLA-STANFIELD	7.77	7.78	6.4
UMATILLA-STANFIELD	0.58	0.70	6.4
UMATILLA-STANFIELD	2.10	2.17	6.4
UMATILLA-STANFIELD	2.25	2.30	6.4
PACIFIC HIGHWAY WEST	35.14	35.15	6.4
LOWER COLUMBIA RIVER	23.36	23.37	6.4
LOWER COLUMBIA RIVER	12.59	12.66	6.4
LOWER COLUMBIA RIVER	12.66	12.69	6.4
LOWER COLUMBIA RIVER	19.04	19.05	6.4
CORVALLIS-LEBANON	7.70	7.71	6.4
THE DALLES-CALIFORNIA	118.51	118.52	6.39
OREGON-WASHINGTON	33.27	33.29	6.39
N REDMOND INTCHGE. CONN. 2	119.24	119.42	6.39
THE DALLES-CALIFORNIA	123.62	124.15	6.39
THE DALLES-CALIFORNIA	124.39	124.69	6.39
OREGON-WASHINGTON	-1.19	-1.19	6.39
SANTIAM	26.63	26.67	6.39
REDWOOD	3.29	3.39	6.39
OREGON COAST	191.91	192.12	6.39
SANTIAM	15.17	15.33	6.39
OREGON COAST	234.69	234.74	6.39
REDWOOD	3.39	3.59	6.39
CRATER LAKE	1.09	1.11	6.39
MT. HOOD	0.80	0.93	6.39
SANTIAM	22.81	23.08	6.39
SANTIAM	15.59	15.87	6.39
SANTIAM	23.10	24.04	6.39
CRATER LAKE	1.18	1.21	6.39
OREGON COAST	235.72	236.05	6.39
MT. HOOD	15.44	15.45	6.39
MT. HOOD	18.36	18.45	6.39
MT. HOOD	18.25	18.35	6.39
OREGON COAST	357.87	358.11	6.39
SALMON RIVER	47.04	47.39	6.39
KLAMATH FALLS-MALIN	-3.24	-3.24	6.39
ROGUE VALLEY	1.48	1.64	6.39
SALMON RIVER	32.68	32.73	6.39
SALMON RIVER	47.39	48.46	6.39
COOS BAY-ROSEBURG	75.04	75.37	6.39
UMATILLA-STANFIELD	5.91	6.91	6.39
UMATILLA-STANFIELD	6.94	7.33	6.39
UMATILLA-STANFIELD	0.10	0.49	6.39
CASCADE HWY NORTH	9.76	9.77	6.39
CASCADE HWY NORTH	9.64	9.76	6.39
CASCADE HWY NORTH	9.76	9.76	6.39
LOWER COLUMBIA RIVER	24.26	24.48	6.39

NORTH UMPQUA HIGHWAY EAST	1.97	2.40	6.39
LOWER COLUMBIA RIVER	24.50	25.21	6.39
LOWER COLUMBIA RIVER	22.49	23.35	6.39
CORVALLIS-LEBANON	7.34	7.55	6.39
OLDS FERRY-ONTARIO	29.52	29.55	6.39
CORVALLIS-LEBANON	7.01	7.02	6.39
CORVALLIS-LEBANON	7.10	7.27	6.39
CORVALLIS-LEBANON	7.03	7.05	6.39
CORVALLIS-LEBANON	7.07	7.09	6.39
CORVALLIS-LEBANON	7.27	7.34	6.39
UMATILLA-STANFIELD	5.91	6.91	6.39
CENTRAL OREGON	0.69	1.00	6.38
OREGON COAST	189.26	189.28	6.38
OREGON COAST	65.43	65.54	6.38
MCKENZIE	6.32	6.42	6.38
SANTIAM	0.77	0.80	6.38
MCKENZIE	6.43	6.84	6.38
SANTIAM	0.18	0.23	6.38
MCKENZIE	6.85	7.01	6.38
CRATER LAKE	0.43	0.45	6.38
SANTIAM	28.88	29.08	6.38
MCKENZIE	2.96	3.51	6.38
WALLOWA LAKE	0.40	0.46	6.38
OREGON COAST	188.73	189.07	6.38
TUALATIN VALLEY	6.45	6.56	6.38
MCKENZIE	4.08	5.28	6.38
MT. HOOD	23.45	23.47	6.38
KLAMATH FALLS-LAKEVIEW	4.25	4.50	6.38
MCKENZIE	7.66	7.84	6.38
SANTIAM	0.15	0.18	6.38
WALLOWA LAKE	1.73	1.74	6.38
SANTIAM	0.74	0.75	6.38
KLAMATH FALLS-LAKEVIEW	4.94	5.19	6.38
WALLOWA LAKE	0.71	0.72	6.38
MCKENZIE	3.73	3.78	6.38
SANTIAM	0.51	0.55	6.38
SANTIAM	0.72	0.73	6.38
CRATER LAKE	0.41	0.42	6.38
TUALATIN VALLEY	15.36	15.39	6.38
MCKENZIE	7.04	7.45	6.38
SANTIAM	1.15	1.16	6.38
KLAMATH FALLS-LAKEVIEW	3.28	4.03	6.38
SANTIAM	29.74	29.74	6.38
OREGON COAST	237.26	237.38	6.38
SANTIAM	29.86	30.00	6.38
ALBANY-JUNCTION CITY	2.98	3.02	6.38
ALBANY-JUNCTION CITY	1.52	1.56	6.38
ALBANY-JUNCTION CITY	0.88	0.99	6.38
ALBANY-JUNCTION CITY	1.04	1.24	6.38
ROGUE VALLEY	14.21	14.23	6.38
ALBANY-JUNCTION CITY	4.02	4.07	6.38
ALBANY-JUNCTION CITY	2.87	2.91	6.38
PACIFIC HIGHWAY EAST	8.10	8.42	6.38
SALEM	7.42	7.43	6.38
PACIFIC HIGHWAY WEST	8.18	8.38	6.38
PACIFIC HIGHWAY WEST	9.61	9.85	6.38
PACIFIC HIGHWAY WEST	85.06	85.23	6.38
PACIFIC HIGHWAY EAST	9.81	9.97	6.38
PACIFIC HIGHWAY WEST	84.77	84.96	6.38
PACIFIC HIGHWAY EAST	9.97	10.02	6.38
PACIFIC HIGHWAY WEST	10.16	10.30	6.38
PACIFIC HIGHWAY WEST	22.05	22.89	6.38
SALEM	7.20	7.24	6.38
PACIFIC HIGHWAY EAST	10.75	10.93	6.38
PACIFIC HIGHWAY EAST	-4.08	-4.07	6.38
PACIFIC HIGHWAY EAST	6.30	6.31	6.38
PACIFIC HIGHWAY WEST	38.59	38.60	6.38
PACIFIC HIGHWAY WEST	38.46	38.49	6.38
SALEM	7.46	7.52	6.38
PACIFIC HIGHWAY EAST	9.51	9.76	6.38
PACIFIC HIGHWAY EAST	7.33	7.78	6.38
PACIFIC HIGHWAY WEST	85.42	85.45	6.38
PACIFIC HIGHWAY WEST	85.55	85.58	6.38
PACIFIC HIGHWAY WEST	36.86	36.87	6.38
PACIFIC HIGHWAY EAST	32.00	32.42	6.38
LOWER COLUMBIA RIVER	20.82	20.91	6.38
SALEM-DAYTON	20.71	20.75	6.38

NORTHEAST PORTLAND	9.91	10.08	6.38
SALEM-DAYTON	20.39	20.57	6.38
LOWER COLUMBIA RIVER	20.96	21.00	6.38
LOWER COLUMBIA RIVER	21.26	21.26	6.38
SALEM-DAYTON	20.75	20.78	6.38
JACKSONVILLE	0.62	0.63	6.38
CAPE ARAGO	1.87	1.88	6.38
JACKSONVILLE	0.57	0.60	6.38
JACKSONVILLE	0.64	0.64	6.38
JACKSONVILLE	0.65	0.65	6.38
PACIFIC HIGHWAY WEST	7.66	7.66	6.37
CASCADE HWY NORTH	7.54	7.55	6.37
CASCADE HWY NORTH	7.88	7.92	6.37
PACIFIC HIGHWAY WEST	7.74	7.79	6.37
PACIFIC HIGHWAY WEST	5.53	5.60	6.37
CASCADE HWY NORTH	7.72	7.73	6.37
CASCADE HWY NORTH	7.81	7.86	6.37
COTTAGE GROVE CONN. NO. 1	174.16	174.17	6.36
COTTAGE GROVE CONN. NO. 1	174.16	174.17	6.36
COTTAGE GROVE CONN. NO. 1	174.16	174.17	6.36
COTTAGE GROVE CONN. NO. 1	174.16	174.17	6.36
COTTAGE GROVE CONN. NO. 1	174.16	174.17	6.36
COTTAGE GROVE CONN. NO. 1	174.16	174.17	6.36
COTTAGE GROVE CONN. NO. 1	174.16	174.17	6.36
COTTAGE GROVE CONN. NO. 1	174.16	174.17	6.36
S MEDFORD CONN. NO. 3	27.21	27.22	6.36
S MEDFORD CONN. NO. 3	27.34	27.48	6.36
S MEDFORD CONN. NO. 3	27.27	27.30	6.36
COLUMBIA RIVER	185.84	185.96	6.36
S MEDFORD CONN. NO. 3	27.24	27.27	6.36
S MEDFORD CONN. NO. 3	27.19	27.21	6.36
S MEDFORD CONN. NO. 3	27.24	27.24	6.36
OSWEGO	11.14	11.16	6.36
OSWEGO	3.43	3.52	6.36
OREGON-WASHINGTON	0.00	0.05	6.36
CENTRAL OREGON	1.16	2.05	6.36
OSWEGO	11.25	11.26	6.36
OSWEGO	7.63	7.70	6.36
THE DALLES-CALIFORNIA	138.54	138.71	6.36
OSWEGO	11.26	11.29	6.36
OREGON COAST	189.33	189.43	6.36
CORVALLIS-NEWPORT	54.37	54.39	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
MCKENZIE	3.63	3.73	6.36
MCKENZIE-BEND	19.76	19.76	6.36
CORVALLIS-NEWPORT	54.37	54.39	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.37	54.39	6.36
PENDLETON-JOHN DAY	2.23	2.26	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.37	54.39	6.36
CORVALLIS-NEWPORT	54.37	54.38	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
ALBANY-CORVALLIS	9.97	10.05	6.36
CORVALLIS-NEWPORT	54.37	54.38	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.37	54.39	6.36
TUALATIN VALLEY	11.72	11.77	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CRATER LAKE	6.33	6.61	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
TUALATIN VALLEY	2.62	2.81	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.37	54.38	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
TUALATIN VALLEY	3.18	3.38	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
TUALATIN VALLEY	12.13	12.15	6.36
OREGON COAST	356.92	357.02	6.36
SANTIAM	0.83	0.83	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.37	54.38	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
MCKENZIE-BEND	19.36	19.68	6.36
CORVALLIS-NEWPORT	54.37	54.39	6.36
CORVALLIS-NEWPORT	54.37	54.38	6.36

MT. HOOD	22.66	22.73	6.36
MCKENZIE	6.03	6.04	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
TUALATIN VALLEY	11.98	12.00	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.37	54.38	6.36
SANTIAM	0.13	0.15	6.36
WALLOWA LAKE	1.55	1.72	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.37	54.38	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
MCKENZIE	6.11	6.11	6.36
SANTIAM	0.34	0.44	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.37	54.39	6.36
TUALATIN VALLEY	1.85	1.88	6.36
CORVALLIS-NEWPORT	54.37	54.38	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.37	54.38	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
MCKENZIE-BEND	18.88	18.91	6.36
CORVALLIS-NEWPORT	54.37	54.39	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CRATER LAKE	7.17	7.49	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
MCKENZIE-BEND	19.07	19.34	6.36
OREGON COAST	236.42	236.49	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
SANTIAM	28.18	28.59	6.36
CORVALLIS-NEWPORT	54.37	54.39	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.37	54.38	6.36
CORVALLIS-NEWPORT	51.20	51.33	6.36
CORVALLIS-NEWPORT	54.37	54.38	6.36
CORVALLIS-NEWPORT	54.08	54.08	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.37	54.38	6.36
TUALATIN VALLEY	11.81	11.83	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
MT. HOOD	14.58	14.65	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
TUALATIN VALLEY	5.31	5.56	6.36
SANTIAM	0.89	0.93	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.37	54.39	6.36
TUALATIN VALLEY	0.38	0.53	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
SANTIAM	0.64	0.64	6.36
OREGON COAST	139.06	139.11	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
TUALATIN VALLEY	1.96	2.04	6.36
WALLOWA LAKE	1.84	1.94	6.36
OREGON COAST	236.13	236.35	6.36
MCKENZIE-BEND	18.91	19.02	6.36
KLAMATH FALLS-LAKEVIEW	5.19	5.48	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
GREEN SPRINGS	0.95	1.18	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
GREEN SPRINGS	0.73	0.88	6.36
CRATER LAKE	7.64	7.83	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.37	54.39	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.37	54.38	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
TUALATIN VALLEY	7.74	8.65	6.36
CORVALLIS-NEWPORT	54.37	54.39	6.36
MT. HOOD	5.61	5.69	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36

CORVALLIS-NEWPORT	54.37	54.39	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
MCKENZIE-BEND	19.04	19.06	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
TUALATIN VALLEY	12.01	12.04	6.36
CORVALLIS-NEWPORT	54.37	54.38	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.37	54.38	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
TUALATIN VALLEY	4.02	4.95	6.36
TUALATIN VALLEY	0.23	0.28	6.36
CORVALLIS-NEWPORT	54.37	54.39	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
MCKENZIE	6.11	6.23	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.37	54.39	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
MCKENZIE	6.24	6.24	6.36
TUALATIN VALLEY	7.14	7.31	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CRATER LAKE	6.70	7.15	6.36
MCKENZIE	5.40	5.42	6.36
TUALATIN VALLEY	11.87	11.97	6.36
SANTIAM	15.02	15.16	6.36
CORVALLIS-NEWPORT	54.37	54.39	6.36
OREGON COAST	189.14	189.21	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
PENDLETON-JOHN DAY	2.32	2.38	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
TUALATIN VALLEY	6.59	6.68	6.36
SANTIAM	0.83	0.86	6.36
PENDLETON-JOHN DAY	2.43	2.49	6.36
CORVALLIS-NEWPORT	54.37	54.38	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
CORVALLIS-NEWPORT	54.07	54.08	6.36
ALBANY-JUNCTION CITY	3.42	3.63	6.36
ALBANY-JUNCTION CITY	4.90	4.91	6.36
ALBANY-JUNCTION CITY	3.70	3.77	6.36
ROGUE RIVER	1.48	2.08	6.36
ALBANY-JUNCTION CITY	3.29	3.42	6.36
COOS BAY-ROSEBURG	76.10	76.22	6.36
WILSON RIVER	0.49	0.52	6.36
ROGUE VALLEY	8.36	8.47	6.36
ROGUE VALLEY	8.48	8.51	6.36
COOS BAY-ROSEBURG	75.72	75.93	6.36
ALBANY-JUNCTION CITY	3.96	4.02	6.36
ROGUE VALLEY	14.59	14.62	6.36
ROGUE VALLEY	8.57	8.60	6.36
ROGUE VALLEY	8.13	8.20	6.36
ROGUE VALLEY	13.64	14.20	6.36
ROGUE VALLEY	18.01	18.21	6.36
COOS BAY-ROSEBURG	76.10	76.10	6.36
ROGUE VALLEY	14.52	14.59	6.36
PACIFIC HIGHWAY WEST	8.94	9.17	6.36
PACIFIC HIGHWAY WEST	38.23	38.28	6.36
PACIFIC HIGHWAY WEST	38.87	38.92	6.36
PACIFIC HIGHWAY WEST	2.27	2.33	6.36
PACIFIC HIGHWAY EAST	8.42	9.22	6.36
PACIFIC HIGHWAY WEST	6.22	6.23	6.36
SALEM	6.96	7.09	6.36
PACIFIC HIGHWAY WEST	36.31	36.36	6.36
PACIFIC HIGHWAY WEST	8.82	8.88	6.36
CASCADE HWY NORTH	9.15	9.31	6.36
SALEM	7.52	7.90	6.36
CASCADE HWY NORTH	9.40	9.40	6.36
PACIFIC HIGHWAY WEST	6.20	6.22	6.36
PACIFIC HIGHWAY WEST	4.68	4.74	6.36
PACIFIC HIGHWAY WEST	37.78	37.81	6.36
PACIFIC HIGHWAY WEST	7.22	7.29	6.36

PACIFIC HIGHWAY WEST	35.85	36.27	6.36
PACIFIC HIGHWAY WEST	39.01	39.05	6.36
NE PORTLAND HWY CONN. NO 2	0.44	0.49	6.36
PACIFIC HIGHWAY EAST	6.57	6.65	6.36
PACIFIC HIGHWAY WEST	119.77	120.90	6.36
PACIFIC HIGHWAY WEST	35.76	35.81	6.36
PACIFIC HIGHWAY WEST	6.19	6.20	6.36
PACIFIC HIGHWAY WEST	82.55	82.64	6.36
PACIFIC HIGHWAY WEST	8.65	8.66	6.36
PACIFIC HIGHWAY WEST	35.60	35.64	6.36
CASCADE HWY NORTH	8.18	8.23	6.36
PACIFIC HIGHWAY WEST	8.49	8.56	6.36
PACIFIC HIGHWAY WEST	9.39	9.46	6.36
PACIFIC HIGHWAY WEST	36.71	36.75	6.36
PACIFIC HIGHWAY WEST	23.07	23.14	6.36
PACIFIC HIGHWAY WEST	8.59	8.62	6.36
PACIFIC HIGHWAY WEST	5.16	5.36	6.36
PACIFIC HIGHWAY WEST	81.19	81.77	6.36
PACIFIC HIGHWAY WEST	8.56	8.59	6.36
CASCADE HWY NORTH	8.63	9.05	6.36
PACIFIC HIGHWAY WEST	4.95	5.03	6.36
PACIFIC HIGHWAY WEST	21.48	21.64	6.36
PACIFIC HIGHWAY WEST	21.88	22.05	6.36
CASCADE HWY NORTH	7.95	8.12	6.36
PACIFIC HIGHWAY WEST	8.62	8.65	6.36
PACIFIC HIGHWAY WEST	109.84	110.01	6.36
PACIFIC HIGHWAY WEST	38.35	38.40	6.36
PACIFIC HIGHWAY WEST	8.66	8.69	6.36
PACIFIC HIGHWAY WEST	21.69	21.87	6.36
LA GRANDE-BAKER	50.12	50.13	6.36
PACIFIC HIGHWAY WEST	38.57	38.57	6.36
PACIFIC HIGHWAY WEST	23.01	23.07	6.36
PACIFIC HIGHWAY WEST	6.23	7.22	6.36
PACIFIC HIGHWAY WEST	36.75	36.85	6.36
PACIFIC HIGHWAY EAST	4.99	5.20	6.36
LA GRANDE-BAKER	2.50	2.90	6.36
PACIFIC HIGHWAY WEST	4.79	4.82	6.36
PACIFIC HIGHWAY WEST	9.47	9.56	6.36
PACIFIC HIGHWAY WEST	38.67	38.87	6.36
LA GRANDE-BAKER	50.04	50.09	6.36
PACIFIC HIGHWAY WEST	8.69	8.82	6.36
PACIFIC HIGHWAY WEST	5.78	6.17	6.36
PACIFIC HIGHWAY WEST	7.85	7.89	6.36
PACIFIC HIGHWAY EAST	9.40	9.40	6.36
PACIFIC HIGHWAY WEST	2.33	2.47	6.36
SALEM	4.72	4.74	6.36
LOWER COLUMBIA RIVER	28.50	28.56	6.36
CLACKAMAS	4.89	4.93	6.36
LOWER COLUMBIA RIVER	25.55	25.71	6.36
LOWER COLUMBIA RIVER	19.64	19.72	6.36
NORTHEAST PORTLAND	1.04	1.22	6.36
NORTHEAST PORTLAND	11.14	11.23	6.36
SCHOLLS	9.03	9.13	6.36
FARMINGTON	6.39	6.49	6.36
NORTHEAST PORTLAND	11.07	11.08	6.36
LOWER COLUMBIA RIVER	28.59	28.93	6.36
LOWER COLUMBIA RIVER	19.75	20.25	6.36
NORTHEAST PORTLAND	11.09	11.10	6.36
CASCADE HWY SOUTH	3.69	3.69	6.36
NORTHEAST PORTLAND	11.08	11.09	6.36
NORTHEAST PORTLAND	3.85	3.97	6.36
CLACKAMAS	6.82	7.02	6.36
NEHALEM	1.42	1.52	6.36
NORTHEAST PORTLAND	5.33	5.33	6.36
LOWER COLUMBIA RIVER	27.47	27.55	6.36
NORTHEAST PORTLAND	11.10	11.13	6.36
NORTHEAST PORTLAND	11.13	11.14	6.36
NORTHEAST PORTLAND	9.59	9.87	6.36
LOWER COLUMBIA RIVER	27.63	27.69	6.36
CASCADE HWY SOUTH	3.60	3.63	6.36
CLACKAMAS	5.40	5.52	6.36
LOWER COLUMBIA RIVER	20.26	20.57	6.36
NORTHEAST PORTLAND	9.32	9.52	6.36
NORTHEAST PORTLAND	5.33	5.34	6.36
HALSEY-SWEET HOME	21.18	21.21	6.36
DALLAS-RICKREALL	0.26	0.41	6.36
INDEPENDENCE	5.77	5.92	6.36

HALSEY-SWEET HOME	21.23	21.24	6.36
HOOD RIVER	1.17	1.24	6.36
TUALATIN VALLEY	2.62	2.81	6.36
TUALATIN VALLEY	4.02	4.95	6.36
ROGUE VALLEY	13.64	14.20	6.36
OREGON COAST	124.33	124.36	6.35
THE DALLES-CALIFORNIA	119.14	119.15	6.35
OREGON COAST	124.15	124.19	6.35
OREGON COAST	21.83	21.90	6.35
OREGON COAST	137.24	137.32	6.35
OREGON COAST	21.75	21.76	6.35
REDWOOD	3.87	3.88	6.35
OREGON COAST	12.15	12.16	6.35
OREGON COAST	356.30	356.32	6.35
CORVALLIS-NEWPORT	53.58	53.67	6.35
OREGON COAST	141.30	141.33	6.35
OREGON COAST	138.00	138.08	6.35
OREGON COAST	147.19	147.21	6.35
OREGON COAST	124.33	124.36	6.35
OREGON COAST	356.53	356.65	6.35
PENDLETON-JOHN DAY	1.86	1.93	6.35
OREGON COAST	21.77	21.79	6.35
OREGON COAST	188.57	188.65	6.35
OREGON COAST	141.33	141.35	6.35
PENDLETON-JOHN DAY	1.97	2.01	6.35
OREGON COAST	22.00	22.14	6.35
ROGUE VALLEY	14.90	14.95	6.35
ROGUE VALLEY	14.96	15.03	6.35
ROGUE VALLEY	15.13	15.21	6.35
ALBANY-JUNCTION CITY	4.68	4.81	6.35
ROGUE VALLEY	15.06	15.07	6.35
COOS BAY-ROSEBURG	73.69	73.70	6.35
PACIFIC HIGHWAY EAST	11.28	11.38	6.35
LA GRANDE-BAKER	50.26	50.27	6.35
PACIFIC HIGHWAY WEST	7.63	7.64	6.35
BELTLINE	2.63	2.84	6.35
PACIFIC HIGHWAY EAST	33.11	33.22	6.35
PACIFIC HIGHWAY EAST	11.38	11.47	6.35
LA GRANDE-BAKER	50.27	50.34	6.35
BELTLINE	1.26	1.28	6.35
LA GRANDE-BAKER	50.36	50.41	6.35
PACIFIC HIGHWAY WEST	110.23	110.27	6.35
NORTHEAST PORTLAND	9.08	9.11	6.35
LOWER COLUMBIA RIVER	34.41	34.43	6.35
LOWER COLUMBIA RIVER	34.19	34.20	6.35
LOWER COLUMBIA RIVER	96.04	96.13	6.35
LOWER COLUMBIA RIVER	95.79	95.84	6.35
JACKSONVILLE	1.52	1.60	6.35
JACKSONVILLE	0.90	0.96	6.35
JACKSONVILLE	0.66	0.76	6.35
JACKSONVILLE	1.36	1.40	6.35
JACKSONVILLE	1.21	1.27	6.35
JACKSONVILLE	0.65	0.66	6.35
JACKSONVILLE	1.19	1.20	6.35
JACKSONVILLE	1.14	1.16	6.35
JACKSONVILLE	1.20	1.21	6.35
JACKSONVILLE	0.85	0.90	6.35
	2.93	2.93	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
OREGON COAST	235.53	235.71	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
OREGON-WASHINGTON	26.18	26.20	6.34
	2.93	2.93	6.34
OSWEGO	2.53	2.53	6.34
OSWEGO	0.72	0.72	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
	2.93	2.93	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
OSWEGO	0.60	0.64	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34

THE DALLES-CALIFORNIA	272.80	272.81	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
	2.93	2.93	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
	2.93	2.93	6.34
OSWEGO	0.70	0.72	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
OSWEGO	0.57	0.58	6.34
OSWEGO	2.53	2.53	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
OREGON-WASHINGTON	26.20	26.63	6.34
OSWEGO	2.53	2.53	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
OSWEGO	2.52	2.53	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
OSWEGO	0.39	0.57	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
OSWEGO	2.53	2.53	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
OREGON-WASHINGTON	26.76	26.85	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
OSWEGO	0.60	0.60	6.34
	2.93	2.93	6.34
OSWEGO	2.53	2.53	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
THE DALLES-CALIFORNIA	272.76	272.81	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
	2.93	2.93	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
	2.93	2.93	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
OSWEGO	2.53	2.53	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
OREGON COAST	236.04	236.06	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
OSWEGO	2.53	2.62	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
OSWEGO	2.53	2.53	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
THE DALLES-CALIFORNIA	272.81	272.81	6.34
THE DALLES-CALIFORNIA	272.80	272.81	6.34
MCKENZIE-BEND	18.51	18.60	6.34
REDWOOD	0.18	0.35	6.34
OREGON COAST	115.84	116.06	6.34
TUALATIN VALLEY	0.08	0.09	6.34
CORVALLIS-NEWPORT	56.14	56.15	6.34

MCKENZIE-BEND	18.18	18.51	6.34
TUALATIN VALLEY	18.08	18.14	6.34
CORVALLIS-NEWPORT	56.14	56.15	6.34
MCKENZIE-BEND	18.41	18.41	6.34
WILLAMETTE	0.70	0.72	6.34
OREGON COAST	3.17	3.33	6.34
BAKER-COPPERFIELD	1.13	1.34	6.34
SANTIAM	12.29	12.38	6.34
MCKENZIE-BEND	18.41	18.41	6.34
MT. HOOD	1.71	1.76	6.34
CORVALLIS-NEWPORT	54.19	54.19	6.34
CORVALLIS-NEWPORT	54.62	54.72	6.34
REDWOOD	-2.74	-2.50	6.34
CORVALLIS-NEWPORT	54.82	54.92	6.34
CORVALLIS-NEWPORT	56.14	56.15	6.34
OREGON COAST	19.52	19.73	6.34
CORVALLIS-NEWPORT	56.14	56.15	6.34
REDWOOD	0.76	0.78	6.34
REDWOOD	0.12	0.18	6.34
CORVALLIS-NEWPORT	56.14	56.15	6.34
OREGON COAST	190.95	191.05	6.34
MCKENZIE-BEND	18.68	18.76	6.34
REDWOOD	0.07	0.08	6.34
TUALATIN VALLEY	0.18	0.22	6.34
TUALATIN VALLEY	0.14	0.16	6.34
CORVALLIS-NEWPORT	56.14	56.14	6.34
CORVALLIS-NEWPORT	53.84	53.99	6.34
CORVALLIS-NEWPORT	55.10	55.17	6.34
CORVALLIS-NEWPORT	53.72	53.77	6.34
CORVALLIS-NEWPORT	0.57	0.73	6.34
MCKENZIE	1.22	1.35	6.34
REDWOOD	-2.85	-2.66	6.34
ALBANY-CORVALLIS	3.45	3.95	6.34
MT. HOOD	1.47	1.67	6.34
REDWOOD	-2.63	-2.58	6.34
REDWOOD	0.48	0.93	6.34
CORVALLIS-NEWPORT	56.14	56.15	6.34
CORVALLIS-NEWPORT	56.14	56.15	6.34
REDWOOD	0.48	0.68	6.34
MCKENZIE-BEND	18.60	18.65	6.34
MCKENZIE-BEND	18.18	18.41	6.34
ALBANY-CORVALLIS	9.78	9.87	6.34
MCKENZIE	1.23	1.26	6.34
REDWOOD	0.79	0.91	6.34
MCKENZIE	1.41	1.47	6.34
REDWOOD	-2.66	-2.65	6.34
OREGON COAST	18.85	19.05	6.34
ALBANY-CORVALLIS	10.29	10.33	6.34
OREGON COAST	3.33	3.54	6.34
MCKENZIE	1.35	1.37	6.34
CORVALLIS-NEWPORT	56.14	56.15	6.34
CORVALLIS-NEWPORT	56.14	56.14	6.34
OREGON COAST	142.71	143.31	6.34
KLAMATH FALLS-LAKEVIEW	5.60	5.68	6.34
OREGON COAST	142.32	142.61	6.34
MCKENZIE-BEND	18.69	18.72	6.34
CORVALLIS-NEWPORT	55.01	55.02	6.34
CORVALLIS-NEWPORT	54.19	54.24	6.34
OREGON COAST	118.14	118.17	6.34
MT. HOOD	1.47	1.67	6.34
CORVALLIS-NEWPORT	56.14	56.14	6.34
TUALATIN VALLEY	0.16	0.18	6.34
BAKER-COPPERFIELD	1.26	1.27	6.34
REDWOOD	-2.65	-2.63	6.34
MT. HOOD	1.71	1.76	6.34
COOS BAY-ROSEBURG	76.53	76.54	6.34
HWY 091(1W) CONN. NO. 2	56.15	56.16	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
SALMON RIVER	46.22	46.23	6.34
SALMON RIVER	46.36	46.37	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
ALBANY-JUNCTION CITY	0.32	0.36	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
FLORENCE-EUGENE	48.19	48.50	6.34
SALMON RIVER	46.36	46.37	6.34

COOS BAY-ROSEBURG	72.41	72.53	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
SALMON RIVER	46.36	46.37	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
HWY 091(1W) CONN. NO. 2	56.15	56.16	6.34
SALMON RIVER	46.36	46.37	6.34
KLAMATH FALLS-MALIN	-6.68	-5.40	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
HWY 091(1W) CONN. NO. 2	56.15	56.16	6.34
SALMON RIVER	46.36	46.37	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
SALMON RIVER	46.36	46.37	6.34
KLAMATH FALLS-MALIN	-6.72	-6.67	6.34
SALMON RIVER	46.36	46.37	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
HWY 091(1W) CONN. NO. 2	56.15	56.16	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
HWY 091(1W) CONN. NO. 2	56.15	56.16	6.34
SALMON RIVER	46.36	46.37	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
SALMON RIVER	44.09	44.24	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
SALMON RIVER	46.36	46.37	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
KLAMATH FALLS-MALIN	-6.51	-6.47	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
COOS BAY-ROSEBURG	76.53	76.54	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
FLORENCE-EUGENE	46.62	46.92	6.34
HWY 091(1W) CONN. NO. 2	56.15	56.16	6.34
SALMON RIVER	46.36	46.37	6.34
SALMON RIVER	46.36	46.37	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
KLAMATH FALLS-MALIN	0.77	0.90	6.34
OCHOCO	17.82	17.92	6.34
SALMON RIVER	44.11	44.23	6.34
SALMON RIVER	46.36	46.37	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
SALMON RIVER	46.36	46.37	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
SALMON RIVER	46.36	46.37	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
SALMON RIVER	46.36	46.37	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
KLAMATH FALLS-MALIN	-6.41	-5.40	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
SALMON RIVER	46.36	46.37	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
KLAMATH FALLS-MALIN	-6.44	-6.41	6.34
SALMON RIVER	46.36	46.37	6.34
SALMON RIVER	46.36	46.37	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
FLORENCE-EUGENE	47.84	48.08	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
SALMON RIVER	46.36	46.37	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
SALMON RIVER	46.36	46.37	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
SALMON RIVER	46.36	46.37	6.34
KLAMATH FALLS-MALIN	-6.67	-6.63	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
SALMON RIVER	46.36	46.37	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
KLAMATH FALLS-MALIN	0.11	0.22	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34

SALMON RIVER	46.36	46.37	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
HWY 091(1W) CONN. NO. 2	56.15	56.16	6.34
SALMON RIVER	46.36	46.37	6.34
SALMON RIVER	46.22	46.23	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
HWY 091(1W) CONN. NO. 2	56.15	56.16	6.34
SALMON RIVER	46.36	46.37	6.34
SALMON RIVER	46.36	46.37	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
SALMON RIVER	46.23	46.37	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
SALMON RIVER	46.36	46.37	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
ALBANY-JUNCTION CITY	1.40	1.45	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
SALMON RIVER	46.36	46.37	6.34
SALMON RIVER	46.36	46.37	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
SALMON RIVER	46.36	46.37	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
SALMON RIVER	46.36	46.37	6.34
KLAMATH FALLS-MALIN	-6.67	-6.67	6.34
PACIFIC HIGHWAY WEST	7.56	7.59	6.34
PACIFIC HIGHWAY EAST	5.39	5.39	6.34
PACIFIC HIGHWAY WEST	1.86	1.86	6.34
PACIFIC HIGHWAY EAST	5.43	5.44	6.34
PACIFIC HIGHWAY EAST	1.95	2.09	6.34
PACIFIC HIGHWAY EAST	12.95	13.00	6.34
PACIFIC HIGHWAY EAST	2.87	3.08	6.34
PACIFIC HIGHWAY WEST	12.10	12.26	6.34
PACIFIC HIGHWAY EAST	5.20	5.23	6.34
PACIFIC HIGHWAY EAST	2.99	3.09	6.34
PACIFIC HIGHWAY EAST	1.60	1.71	6.34
PACIFIC HIGHWAY EAST	4.63	4.78	6.34
PACIFIC HIGHWAY EAST	3.23	3.71	6.34
PACIFIC HIGHWAY EAST	2.23	2.28	6.34
PACIFIC HIGHWAY EAST	2.79	2.98	6.34
CASCADE HWY NORTH	0.39	0.44	6.34
PACIFIC HIGHWAY WEST	7.55	7.56	6.34
PACIFIC HIGHWAY EAST	5.39	5.43	6.34
PACIFIC HIGHWAY EAST	4.64	5.43	6.34
PACIFIC HIGHWAY EAST	1.49	1.60	6.34
PACIFIC HIGHWAY EAST	4.33	4.40	6.34
PACIFIC HIGHWAY EAST	5.23	5.39	6.34
PACIFIC HIGHWAY WEST	12.03	12.10	6.34
PACIFIC HIGHWAY EAST	4.78	4.87	6.34
PACIFIC HIGHWAY WEST	110.28	110.29	6.34
PACIFIC HIGHWAY EAST	1.80	1.81	6.34
PACIFIC HIGHWAY EAST	5.39	5.39	6.34
PACIFIC HIGHWAY EAST	1.49	1.55	6.34
PACIFIC HIGHWAY WEST	12.10	12.20	6.34
PACIFIC HIGHWAY EAST	1.98	2.03	6.34
PACIFIC HIGHWAY EAST	1.55	1.71	6.34
PACIFIC HIGHWAY WEST	2.10	2.21	6.34
PACIFIC HIGHWAY EAST	4.25	4.33	6.34
PACIFIC HIGHWAY WEST	78.93	79.15	6.34
PACIFIC HIGHWAY EAST	4.25	4.30	6.34
PACIFIC HIGHWAY EAST	3.23	3.68	6.34
PACIFIC HIGHWAY EAST	5.39	5.39	6.34
PACIFIC HIGHWAY EAST	2.33	2.69	6.34
PACIFIC HIGHWAY WEST	1.86	1.94	6.34
PACIFIC HIGHWAY EAST	2.59	2.73	6.34
PACIFIC HIGHWAY WEST	1.87	1.97	6.34
PACIFIC HIGHWAY WEST	15.55	15.59	6.34
NORTHEAST PORTLAND	13.80	13.84	6.34

NORTH UMPQUA HIGHWAY EAST	-1.13	-1.12	6.34
LOWER COLUMBIA RIVER	96.70	96.88	6.34
FARMINGTON	6.62	6.81	6.34
NORTH UMPQUA HIGHWAY EAST	-1.13	-1.12	6.34
CASCADE HWY SOUTH	0.84	0.87	6.34
NORTH UMPQUA HIGHWAY EAST	-1.13	-1.12	6.34
LOWER COLUMBIA RIVER	96.19	96.37	6.34
LOWER COLUMBIA RIVER	96.62	96.69	6.34
LOWER COLUMBIA RIVER	96.57	96.59	6.34
NORTHEAST PORTLAND	14.04	14.18	6.34
HILLSBORO-SILVERTON	49.84	50.19	6.34
NORTHEAST PORTLAND	13.54	13.57	6.34
NORTHEAST PORTLAND	14.30	14.35	6.34
NORTH UMPQUA HIGHWAY EAST	-1.13	-1.12	6.34
FARMINGTON	6.51	6.57	6.34
FARMINGTON	5.97	6.11	6.34
NORTHEAST PORTLAND	13.67	13.71	6.34
LOWER COLUMBIA RIVER	96.47	96.49	6.34
CASCADE HWY SOUTH	0.63	0.63	6.34
CLACKAMAS	4.92	4.93	6.34
NORTHEAST PORTLAND	14.39	14.52	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
MCMINNVILLE SPUR	46.26	46.27	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
MCMINNVILLE SPUR	46.66	46.81	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
SOUTH KLAMATH FALLS	4.08	4.27	6.34
DALLAS-RICKREALL	1.30	1.76	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
HALSEY-SWEET HOME	20.67	20.71	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
MCMINNVILLE SPUR	46.11	46.24	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
JACKSONVILLE	34.08	34.28	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
INDEPENDENCE	6.15	6.23	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
HALSEY-SWEET HOME	21.25	21.38	6.34
MCMINNVILLE SPUR	46.26	46.27	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
OLDS FERRY-ONTARIO	27.57	27.71	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
CLACKAMAS-BORING	0.08	0.11	6.34
MCMINNVILLE SPUR	46.11	46.12	6.34
COLUMBIA RIVER	184.87	185.11	6.33
COLUMBIA RIVER	185.13	185.47	6.33
THE DALLES-CALIFORNIA	272.20	272.22	6.33
THE DALLES-CALIFORNIA	272.36	272.41	6.33
OREGON-WASHINGTON	30.69	30.74	6.33
OREGON-WASHINGTON	30.19	30.19	6.33
OREGON-WASHINGTON	30.01	30.13	6.33
SANTIAM	27.24	27.25	6.33
OREGON COAST	356.11	356.18	6.33
OREGON COAST	113.74	113.82	6.33
SANTIAM	27.17	27.17	6.33
CRATER LAKE	10.19	10.21	6.33
OREGON COAST	239.25	239.28	6.33

OREGON COAST	140.27	140.36	6.33
BAKER-COPPERFIELD	0.00	0.19	6.33
OREGON COAST	191.19	191.23	6.33
SANTIAM	13.66	13.66	6.33
OREGON COAST	239.08	239.09	6.33
OREGON COAST	140.36	140.37	6.33
OREGON COAST	239.09	239.11	6.33
OREGON COAST	190.84	190.84	6.33
OREGON COAST	19.29	19.34	6.33
SANTIAM	12.18	12.19	6.33
CRATER LAKE	10.09	10.10	6.33
UMATILLA-STANFIELD	4.84	5.06	6.33
UMATILLA-STANFIELD	5.35	5.59	6.33
UMATILLA-STANFIELD	4.78	4.84	6.33
KLAMATH FALLS-MALIN	0.35	0.55	6.33
WILSON RIVER	0.68	0.69	6.33
UMATILLA-STANFIELD	10.98	11.01	6.33
PACIFIC HIGHWAY WEST	110.02	110.14	6.33
LA GRANDE-BAKER	50.16	50.20	6.33
PACIFIC HIGHWAY EAST	1.84	1.85	6.33
BELTLINE	2.21	2.36	6.33
LA GRANDE-BAKER	50.21	50.23	6.33
PACIFIC HIGHWAY WEST	37.00	37.06	6.33
PACIFIC HIGHWAY EAST	-4.01	-3.99	6.33
LA GRANDE-BAKER	51.98	51.99	6.33
PENDLETON	3.80	3.82	6.33
PARK PLACE FRONTAGE RD.	10.10	10.18	6.33
LA GRANDE-BAKER	51.79	51.85	6.33
CASCADE HWY SOUTH	0.23	0.35	6.33
LOWER COLUMBIA RIVER	99.04	99.05	6.33
CASCADE HWY SOUTH	0.00	0.04	6.33
CASCADE HWY SOUTH	0.04	0.15	6.33
LOWER COLUMBIA RIVER	98.50	98.60	6.33
GOSHEN-DIVIDE	14.10	14.22	6.33
CLACKAMAS-BORING	7.46	7.59	6.33
INDEPENDENCE	5.98	5.99	6.33
CAPE ARAGO	0.69	0.70	6.33
DALLAS-RICKREALL	1.81	2.19	6.33
DALLAS-RICKREALL	0.60	1.06	6.33
ONTARIO SPUR	27.39	27.41	6.33
DALLAS-RICKREALL	1.81	2.19	6.33
KLAMATH FALLS-LAKEVIEW	2.74	2.79	6.32
OREGON COAST	112.96	112.99	6.32
OREGON COAST	114.46	114.60	6.32
OREGON COAST	190.39	190.55	6.32
KLAMATH FALLS-LAKEVIEW	3.13	3.28	6.32
KLAMATH FALLS-LAKEVIEW	2.70	2.72	6.32
OREGON COAST	140.73	140.82	6.32
OREGON COAST	190.27	190.28	6.32
OREGON COAST	190.61	190.75	6.32
UMATILLA-STANFIELD	11.27	11.28	6.32
OSWEGO	6.44	6.55	6.31
OREGON-WASHINGTON	30.21	30.25	6.31
OSWEGO	6.58	6.60	6.31
OREGON-WASHINGTON	26.90	26.92	6.31
OSWEGO	6.70	6.71	6.31
OSWEGO	6.65	6.66	6.31
SANTIAM	27.07	27.11	6.31
OREGON COAST	235.53	235.54	6.31
OREGON COAST	115.23	115.32	6.31
TUALATIN VALLEY	12.44	12.53	6.31
OREGON COAST	114.83	115.03	6.31
SANTIAM	27.13	27.16	6.31
OREGON COAST	235.41	235.41	6.31
TUALATIN VALLEY	12.37	12.41	6.31
WILLAMINA-SALEM	24.06	24.08	6.31
OREGON COAST	235.31	235.41	6.31
TUALATIN VALLEY	12.41	12.44	6.31
OREGON COAST	19.37	19.38	6.31
OREGON COAST	117.83	118.06	6.31
SANTIAM	27.05	27.07	6.31
OREGON COAST	140.57	140.72	6.31
OREGON COAST	115.36	115.53	6.31
OREGON COAST	114.64	114.80	6.31
OREGON COAST	235.48	235.50	6.31
PACIFIC HWY. WEST CONN.	44.23	44.27	6.31
BEAVERTON-HILLSDALE	1.09	1.11	6.31

ROGUE VALLEY	18.93	19.00	6.31
PACIFIC HIGHWAY EAST	5.72	5.73	6.31
NE GLISAN ST. CONN. NO. 3	21.09	21.09	6.31
PACIFIC HIGHWAY EAST	12.60	12.74	6.31
SALEM	1.51	1.54	6.31
PACIFIC HIGHWAY EAST	3.18	3.21	6.31
PACIFIC HIGHWAY EAST	12.46	12.56	6.31
PACIFIC HIGHWAY EAST	-3.99	-3.90	6.31
PACIFIC HIGHWAY EAST	11.88	12.33	6.31
PACIFIC HIGHWAY EAST	-3.80	-3.80	6.31
NE GLISAN ST. CONN. NO. 3	21.09	21.12	6.31
PACIFIC HIGHWAY EAST	3.18	3.22	6.31
PACIFIC HIGHWAY EAST	5.94	5.97	6.31
NORTHEAST PORTLAND	11.29	11.40	6.31
NORTH UMPQUA HIGHWAY EAST	-0.94	-0.93	6.31
LOWER COLUMBIA RIVER	99.13	99.15	6.31
JACKSONVILLE	0.11	0.13	6.31
CAPE ARAGO	0.32	0.35	6.31
CAPE ARAGO	0.00	0.05	6.31
CAPE ARAGO	0.41	0.63	6.31
OSWEGO	8.43	8.60	6.3
OSWEGO	5.74	5.78	6.3
OSWEGO	7.47	7.50	6.3
OSWEGO	10.99	11.01	6.3
OSWEGO	9.78	9.82	6.3
OSWEGO	10.72	10.84	6.3
OSWEGO	8.29	8.31	6.3
OSWEGO	9.43	9.44	6.3
OSWEGO	3.67	3.79	6.3
OSWEGO	10.66	10.71	6.3
CORVALLIS-NEWPORT	50.41	50.72	6.3
REDWOOD	-2.55	-1.92	6.3
OREGON COAST	235.09	235.13	6.3
OREGON COAST	357.14	357.23	6.3
KLAMATH FALLS-LAKEVIEW	5.48	5.55	6.3
MT. HOOD	8.50	8.68	6.3
MT. HOOD	9.66	9.69	6.3
MCKENZIE	1.63	1.82	6.3
MT. HOOD	6.71	6.88	6.3
KLAMATH FALLS-LAKEVIEW	5.48	5.54	6.3
MT. HOOD	9.61	9.66	6.3
MT. HOOD	7.25	7.45	6.3
OREGON COAST	357.33	357.49	6.3
MT. HOOD	6.88	7.00	6.3
BAKER-COPPERFIELD	0.68	0.98	6.3
KLAMATH FALLS-LAKEVIEW	2.79	2.97	6.3
MCKENZIE	1.50	1.57	6.3
MT. HOOD	9.27	9.46	6.3
OREGON COAST	234.74	235.09	6.3
MT. HOOD	9.72	9.76	6.3
KLAMATH FALLS-LAKEVIEW	2.50	2.65	6.3
MCKENZIE	1.89	1.96	6.3
OREGON COAST	21.02	21.05	6.3
OREGON COAST	21.61	21.64	6.3
MT. HOOD	7.06	7.21	6.3
MCKENZIE	1.57	1.63	6.3
SANTIAM	13.74	13.75	6.3
TUALATIN VALLEY	13.59	13.63	6.3
MT. HOOD	6.53	6.64	6.3
GREEN SPRINGS	1.24	1.28	6.3
OREGON COAST	188.01	188.30	6.3
REDWOOD	-2.43	-1.71	6.3
MT. HOOD	7.78	8.02	6.3
PACIFIC HIGHWAY WEST	4.35	4.45	6.3
PACIFIC HIGHWAY WEST	2.21	2.26	6.3
PACIFIC HIGHWAY EAST	22.05	22.05	6.3
SALEM	5.28	5.36	6.3
PACIFIC HIGHWAY WEST	4.34	4.45	6.3
PACIFIC HIGHWAY EAST	21.86	21.95	6.3
PACIFIC HIGHWAY WEST	2.20	2.26	6.3
PACIFIC HIGHWAY WEST	11.87	11.88	6.3
PACIFIC HIGHWAY WEST	2.01	2.02	6.3
PACIFIC HIGHWAY WEST	2.07	2.10	6.3
CLACKAMAS	9.36	9.41	6.3
BEAVERTON-TUALATIN	2.57	2.58	6.3
SCHOLLS	9.38	9.51	6.3
SCHOLLS	9.51	9.60	6.3

CASCADE HWY SOUTH	3.81	3.93	6.3
HILLSBORO-SILVERTON	19.29	19.39	6.3
SCHOLLS	9.13	9.16	6.3
SCHOLLS	9.21	9.22	6.3
BEAVERTON-TUALATIN	3.15	3.17	6.3
BEAVERTON-TUALATIN	2.63	2.65	6.3
WOODBURN-ESTACADA	12.16	12.31	6.3
WOODBURN-ESTACADA	11.40	11.54	6.3
SCHOLLS	9.32	9.38	6.3
HILLSBORO-SILVERTON	18.97	18.99	6.3
NORTHEAST PORTLAND	12.11	12.25	6.3
HILLSBORO-SILVERTON	20.73	20.80	6.3
SALEM-DAYTON	19.35	19.39	6.3
BEAVERTON-TUALATIN	2.60	2.63	6.3
BEAVERTON-TUALATIN	2.58	2.60	6.3
HILLSBORO-SILVERTON	50.20	50.24	6.3
BEAVERTON-TUALATIN	2.84	3.12	6.3
SPRINGFIELD	1.01	1.07	6.3
SPRINGFIELD	1.13	1.17	6.3
EAGLE CREEK-SANDY	5.85	5.88	6.3
COOS RIVER	0.19	0.24	6.3
GOSHEN-DIVIDE	15.26	15.30	6.3
SPRINGFIELD	0.34	0.36	6.3
SPRINGFIELD	1.01	1.15	6.3
INDEPENDENCE	5.59	5.70	6.3
SPRINGFIELD	0.63	0.65	6.3
OREGON COAST	234.74	235.09	6.3
OREGON COAST	21.67	21.74	6.29
ROGUE RIVER	3.31	3.44	6.29
FLORENCE-EUGENE	0.24	0.30	6.29
PACIFIC HIGHWAY EAST	25.59	25.70	6.29
CLACKAMAS	2.67	2.69	6.29
LOWER COLUMBIA RIVER	0.87	0.88	6.29
CLACKAMAS	8.21	8.22	6.29
CLACKAMAS	0.53	0.98	6.29
CLACKAMAS	2.69	3.65	6.29
LOWER COLUMBIA RIVER	1.36	1.54	6.29
LOWER COLUMBIA RIVER	1.37	1.45	6.29
LOWER COLUMBIA RIVER	1.45	1.48	6.29
OSWEGO	2.64	2.72	6.28
OSWEGO	8.90	9.11	6.28
OSWEGO	8.60	8.80	6.28
OSWEGO	2.72	2.73	6.28
OSWEGO	3.62	3.65	6.28
OSWEGO	10.31	10.31	6.28
OSWEGO	7.96	8.03	6.28
OSWEGO	10.91	10.92	6.28
OSWEGO	10.93	10.96	6.28
TUALATIN VALLEY	0.05	0.09	6.28
WILLAMINA-SALEM	24.25	24.25	6.28
TUALATIN VALLEY	17.22	17.46	6.28
WILLAMINA-SALEM	24.25	24.25	6.28
EDGEWATER ST. CONN. NO. 1	24.24	24.24	6.28
EDGEWATER ST. CONN. NO. 1	24.24	24.24	6.28
EDGEWATER ST. CONN. NO. 1	24.24	24.24	6.28
EDGEWATER ST. CONN. NO. 1	24.24	24.25	6.28
WILLAMINA-SALEM	24.25	24.25	6.28
EDGEWATER ST. CONN. NO. 1	24.24	24.24	6.28
WILLAMINA-SALEM	24.25	24.25	6.28
EDGEWATER ST. CONN. NO. 1	24.24	24.25	6.28
WILLAMINA-SALEM	24.24	24.25	6.28
MCKENZIE-BEND	18.10	18.11	6.28
EDGEWATER ST. CONN. NO. 1	24.24	24.24	6.28
WILLAMINA-SALEM	24.24	24.25	6.28
WILLAMINA-SALEM	24.25	24.25	6.28
MT. HOOD	9.93	9.96	6.28
WILLAMINA-SALEM	24.25	24.25	6.28
EDGEWATER ST. CONN. NO. 1	24.24	24.24	6.28
WILLAMINA-SALEM	24.25	24.25	6.28
OREGON COAST	20.44	20.50	6.28
EDGEWATER ST. CONN. NO. 1	24.24	24.24	6.28
EDGEWATER ST. CONN. NO. 1	24.24	24.25	6.28
WILLAMINA-SALEM	24.25	24.25	6.28
WILLAMINA-SALEM	24.24	24.25	6.28
EDGEWATER ST. CONN. NO. 1	24.24	24.24	6.28
EDGEWATER ST. CONN. NO. 1	24.24	24.25	6.28
WILLAMINA-SALEM	24.24	24.25	6.28
TUALATIN VALLEY	17.22	17.48	6.28

EDGEWATER ST. CONN. NO. 1	24.24	24.24	6.28
WILSON RIVER	0.76	0.88	6.28
ROGUE RIVER	2.59	2.81	6.28
PACIFIC HIGHWAY EAST	14.47	14.86	6.28
LA GRANDE-BAKER	50.02	50.02	6.28
PACIFIC HIGHWAY EAST	14.17	14.23	6.28
PACIFIC HIGHWAY WEST	-0.37	-0.29	6.28
PACIFIC HIGHWAY EAST	13.00	13.36	6.28
PACIFIC HIGHWAY WEST	1.24	1.25	6.28
PACIFIC HIGHWAY EAST	13.75	13.79	6.28
PACIFIC HIGHWAY EAST	13.36	13.43	6.28
LA GRANDE-BAKER	49.95	50.00	6.28
HILLSBORO-SILVERTON	19.16	19.22	6.28
NORTHEAST PORTLAND	2.34	2.44	6.28
NORTHEAST PORTLAND	13.25	13.45	6.28
NORTHEAST PORTLAND	3.29	3.48	6.28
HILLSBORO-SILVERTON	39.44	39.46	6.28
HILLSBORO-SILVERTON	19.02	19.09	6.28
CASCADE HWY SOUTH	15.84	15.94	6.28
CLACKAMAS	8.70	8.73	6.28
CASCADE HWY SOUTH	5.73	6.05	6.28
NORTHEAST PORTLAND	3.17	3.24	6.28
NORTHEAST PORTLAND	3.61	3.66	6.28
WARRENTON-ASTORIA	6.95	7.11	6.28
SALEM-DAYTON	0.25	0.27	6.28
NORTHEAST PORTLAND	3.50	3.55	6.28
CASCADE HWY SOUTH	0.58	0.62	6.28
NORTHEAST PORTLAND	14.52	14.66	6.28
O NEIL	17.45	17.67	6.28
MCVAY	2.26	2.30	6.28
COOS RIVER	0.70	0.72	6.28
MCVAY	2.30	2.52	6.28
SPRINGFIELD	0.27	0.36	6.28
MCVAY	2.31	2.42	6.28
MCVAY	2.19	2.30	6.28
JACKSONVILLE	33.01	33.09	6.28
SPRINGFIELD	0.08	0.27	6.28
MADRAS-PRINEVILLE	25.94	25.98	6.28
SPRINGFIELD-CRESWELL	14.60	14.63	6.28
MCVAY	2.21	2.21	6.28
SPRINGFIELD	0.36	0.63	6.28
MCVAY	2.24	2.26	6.28
GOSHEN-DIVIDE	15.76	15.82	6.28
GOSHEN-DIVIDE	15.31	15.40	6.28
OREGON COAST	190.11	190.13	6.27
OREGON COAST	357.06	357.07	6.27
OREGON COAST	115.55	115.57	6.27
CORVALLIS-NEWPORT	50.99	51.12	6.27
SANTIAM	27.72	27.87	6.27
TUALATIN VALLEY	12.35	12.36	6.27
OREGON COAST	20.77	20.79	6.27
CORVALLIS-NEWPORT	50.79	50.89	6.27
OREGON COAST	189.97	190.03	6.27
OREGON COAST	189.44	189.85	6.27
GREEN SPRINGS	1.72	1.73	6.27
ROGUE VALLEY	11.25	11.37	6.27
ROGUE RIVER	8.31	8.67	6.27
MURRAY BLVD. CONN. NO. 1	67.12	67.13	6.27
ALBANY-JUNCTION CITY	8.70	8.81	6.27
ROGUE VALLEY	18.29	18.69	6.27
COOS BAY-ROSEBURG	73.37	73.42	6.27
COOS BAY-ROSEBURG	73.20	73.32	6.27
COOS BAY-ROSEBURG	73.47	73.56	6.27
PACIFIC HIGHWAY EAST	5.88	5.93	6.27
PACIFIC HIGHWAY WEST	109.62	109.63	6.27
LA GRANDE-BAKER	50.73	50.91	6.27
PACIFIC HIGHWAY WEST	123.33	123.37	6.27
LA GRANDE-BAKER	51.27	51.75	6.27
LA GRANDE-BAKER	50.61	50.62	6.27
PACIFIC HIGHWAY WEST	36.88	37.00	6.27
PACIFIC HIGHWAY WEST	108.98	109.02	6.27
NORTHEAST PORTLAND	11.80	11.95	6.27
LOWER COLUMBIA RIVER	99.17	99.31	6.27
WARRENTON-ASTORIA	1.47	1.55	6.27
CASCADE HWY SOUTH	28.93	28.99	6.27
HILLSBORO-SILVERTON	36.97	37.14	6.27
WARRENTON-ASTORIA	5.70	5.73	6.27

WARRENTON-ASTORIA	1.27	1.30	6.27
WARRENTON-ASTORIA	4.97	5.36	6.27
NORTH UMPQUA HIGHWAY EAST	-0.76	-0.67	6.27
HILLSBORO-SILVERTON	36.86	36.89	6.27
NORTHEAST PORTLAND	11.45	11.55	6.27
CASCADE HWY SOUTH	28.62	28.82	6.27
HILLSBORO-SILVERTON	36.89	36.95	6.27
MCVAY	0.98	1.01	6.27
HOOD RIVER	3.13	3.16	6.27
HERMISTON	9.20	9.34	6.27
HERMISTON	8.83	8.84	6.27
MADRAS-PRINEVILLE	25.45	25.94	6.27
JACKSONVILLE	0.19	0.22	6.27
MCVAY	0.89	0.97	6.27
COOS RIVER	0.59	0.61	6.27
JACKSONVILLE	5.81	5.88	6.27
JACKSONVILLE	0.14	0.19	6.27
WEISER SPUR	13.42	13.49	6.27
PACIFIC HIGHWAY WEST	108.98	109.02	6.27
CENTRAL POINT CONN. NO. 2	32.63	32.68	6.25
COLUMBIA RIVER	182.79	183.57	6.25
OREGON COAST	235.42	235.51	6.25
OREGON COAST	235.17	235.42	6.25
OREGON COAST	238.17	238.32	6.25
OREGON-WASHINGTON	30.68	30.68	6.25
OREGON-WASHINGTON	30.62	30.68	6.25
OREGON-WASHINGTON	26.85	26.88	6.25
MCKENZIE	1.79	2.01	6.25
	12.47	12.48	6.25
TUALATIN VALLEY	12.41	12.47	6.25
MCKENZIE	1.63	1.70	6.25
MCKENZIE	1.57	1.63	6.25
	12.47	12.48	6.25
OREGON COAST	117.39	117.54	6.25
	12.47	12.48	6.25
OREGON COAST	113.72	113.72	6.25
TUALATIN VALLEY	12.46	12.47	6.25
OREGON COAST	117.16	117.20	6.25
TUALATIN VALLEY	12.46	12.47	6.25
	12.47	12.48	6.25
	12.47	12.48	6.25
TUALATIN VALLEY	12.46	12.47	6.25
TUALATIN VALLEY	12.46	12.47	6.25
CORVALLIS-NEWPORT	0.09	0.49	6.25
TUALATIN VALLEY	13.29	13.36	6.25
	12.47	12.48	6.25
TUALATIN VALLEY	12.46	12.47	6.25
	12.47	12.48	6.25
OREGON COAST	113.00	113.02	6.25
TUALATIN VALLEY	12.46	12.47	6.25
BIDDLE RD. CONN. NO. 1	0.81	0.94	6.25
	12.47	12.48	6.25
	12.47	12.48	6.25
TUALATIN VALLEY	12.47	12.52	6.25
	12.47	12.48	6.25
BIDDLE RD. CONN. NO. 1	0.71	0.81	6.25
	12.47	12.48	6.25
TUALATIN VALLEY	12.46	12.47	6.25
TUALATIN VALLEY	12.46	12.47	6.25
OREGON COAST	113.57	113.59	6.25
	12.47	12.48	6.25
TUALATIN VALLEY	12.53	12.60	6.25
TUALATIN VALLEY	12.46	12.47	6.25
TUALATIN VALLEY	12.46	12.47	6.25
SANTIAM	13.73	13.73	6.25
TUALATIN VALLEY	13.21	13.50	6.25
TUALATIN VALLEY	12.46	12.47	6.25
OREGON COAST	238.05	238.40	6.25
	12.47	12.48	6.25
	12.47	12.48	6.25
TUALATIN VALLEY	12.46	12.47	6.25
SANTIAM	13.73	13.73	6.25
TUALATIN VALLEY	12.46	12.47	6.25
OREGON COAST	113.52	113.52	6.25
SANTIAM	13.55	13.60	6.25
SANTIAM	12.66	12.80	6.25
TUALATIN VALLEY	12.46	12.47	6.25

	12.47	12.48	6.25
TUALATIN VALLEY	12.86	13.21	6.25
MCKENZIE	1.53	1.57	6.25
	12.47	12.48	6.25
BIDDLE RD. CONN. NO. 1	0.70	0.71	6.25
TUALATIN VALLEY	13.13	13.21	6.25
TUALATIN VALLEY	12.46	12.47	6.25
ROGUE VALLEY	19.00	19.05	6.25
ROGUE VALLEY	19.40	19.46	6.25
OCHOCO	18.20	18.27	6.25
ROGUE VALLEY	19.28	19.32	6.25
OCHOCO	18.26	19.04	6.25
OCHOCO	18.24	18.26	6.25
WILSON RIVER	0.29	0.33	6.25
OCHOCO	19.16	19.21	6.25
WILSON RIVER	0.43	0.46	6.25
MONMOUTH-INDEPENDENCE	2.17	2.35	6.25
ROGUE VALLEY	19.03	19.05	6.25
PACIFIC HIGHWAY WEST	122.19	122.24	6.25
SUNNYSIDE RD. CONN. NO. 1	14.61	14.65	6.25
PACIFIC HIGHWAY EAST	6.20	6.23	6.25
SUNNYSIDE RD. CONN. NO. 1	14.53	14.58	6.25
PACIFIC HIGHWAY WEST	63.42	63.53	6.25
PACIFIC HIGHWAY WEST	109.76	109.78	6.25
PACIFIC HIGHWAY WEST	109.17	109.25	6.25
SUNNYSIDE RD. CONN. NO. 1	14.58	14.61	6.25
PACIFIC HIGHWAY WEST	63.32	63.42	6.25
PACIFIC HIGHWAY WEST	37.47	37.59	6.25
PACIFIC HIGHWAY WEST	37.80	38.06	6.25
SUNNYSIDE RD. CONN. NO. 1	14.65	14.66	6.25
PACIFIC HIGHWAY WEST	122.26	122.48	6.25
ALLEN BLVD. CONN. NO. 2	2.50	2.54	6.25
CASCADE HWY SOUTH	29.65	29.71	6.25
ALLEN BLVD. CONN. NO. 2	2.46	2.47	6.25
LOWER COLUMBIA RIVER	96.92	97.00	6.25
HILLSBORO-SILVERTON	50.35	50.45	6.25
ALLEN BLVD. CONN. NO. 2	2.49	2.50	6.25
HILLSBORO-SILVERTON	50.42	50.50	6.25
HILLSBORO-SILVERTON	50.24	50.32	6.25
ALLEN BLVD. CONN. NO. 2	2.54	2.64	6.25
HILLSBORO-SILVERTON	50.51	50.64	6.25
ALLEN BLVD. CONN. NO. 2	2.47	2.49	6.25
ALLEN BLVD. CONN. NO. 2	2.44	2.46	6.25
HILLSBORO-SILVERTON	50.64	50.68	6.25
HOOD RIVER	0.78	1.04	6.25
GOSHEN-DIVIDE	14.28	14.65	6.25
CAPE ARAGO	0.77	0.82	6.25
KINGS VALLEY	2.91	2.94	6.25
CAPE ARAGO	-0.05	0.00	6.25
INDEPENDENCE	6.23	6.34	6.25
KINGS VALLEY	2.94	2.98	6.25
KINGS VALLEY	3.76	3.77	6.25
KINGS VALLEY	2.80	2.88	6.25
JACKSONVILLE	0.01	0.03	6.25
KINGS VALLEY	2.94	2.99	6.25
OCHOCO	18.20	18.27	6.25
OREGON-WASHINGTON	26.85	26.88	6.25
OREGON COAST	238.05	238.40	6.25
OREGON COAST	190.77	190.81	6.24
ROGUE VALLEY	21.35	21.37	6.24
ROGUE VALLEY	20.97	21.01	6.24
ROGUE VALLEY	21.04	21.24	6.24
ROGUE VALLEY	21.45	21.47	6.24
ROGUE VALLEY	21.76	21.83	6.24
PACIFIC HIGHWAY EAST	41.10	41.12	6.24
PACIFIC HIGHWAY EAST	41.21	41.24	6.24
LA GRANDE-BAKER	50.98	51.06	6.24
PACIFIC HIGHWAY EAST	13.44	13.60	6.24
PACIFIC HIGHWAY EAST	41.01	41.06	6.24
NORTHEAST PORTLAND	2.47	2.78	6.24
BEAVERTON-TUALATIN	4.33	4.35	6.24
BEAVERTON-TUALATIN	3.58	3.76	6.24
BEAVERTON-TUALATIN	6.81	6.87	6.24
NORTHEAST PORTLAND	2.99	3.02	6.24
BEAVERTON-TUALATIN	8.01	8.04	6.24
SPRINGFIELD-CRESWELL	14.71	14.81	6.24
SPRINGFIELD	1.29	1.37	6.24

SPRINGFIELD	1.37	1.40	6.24
ROGUE RIVER LOOP	1.66	1.66	6.24
SPRINGFIELD	1.31	1.37	6.24
SPRINGFIELD	1.37	1.40	6.24
ROGUE RIVER LOOP	1.30	1.31	6.24
OSWEGO	0.01	0.08	6.23
OSWEGO	0.24	0.32	6.23
OSWEGO	0.08	0.15	6.23
OSWEGO	0.34	0.38	6.23
OSWEGO	0.15	0.24	6.23
OREGON COAST	116.85	116.88	6.23
PACIFIC HIGHWAY EAST	5.51	5.52	6.23
PACIFIC HIGHWAY EAST	5.52	5.72	6.23
PACIFIC HIGHWAY EAST	5.51	5.72	6.23
WILLAMINA-SHERIDAN	6.80	6.89	6.23
WARRENTON-ASTORIA	0.94	1.12	6.23
NEHALEM	1.61	1.69	6.23
FORT STEVENS SPUR	4.82	4.96	6.23
GOSHEN-DIVIDE	15.82	15.85	6.23
FORT STEVENS SPUR	4.75	4.76	6.23
PACIFIC	299.97	299.97	6.22
PACIFIC	299.97	299.97	6.22
PACIFIC	299.97	299.97	6.22
PACIFIC	299.97	299.97	6.22
PACIFIC	299.97	299.97	6.22
PACIFIC	299.97	299.97	6.22
PACIFIC	299.97	299.97	6.22
PACIFIC	299.97	299.97	6.22
PACIFIC	299.97	299.97	6.22
MT. HOOD	0.01	0.16	6.22
W. MARQUAM INTCHG. CONN. 1	0.50	0.50	6.22
W. MARQUAM INTCHG. CONN. 1	0.38	0.40	6.22
STADIUM FREEWAY	0.52	0.52	6.22
STADIUM FREEWAY	0.38	0.43	6.22
W. MARQUAM INTCHG. CONN. 1	0.50	0.50	6.22
W. MARQUAM INTCHG. CONN. 1	0.50	0.50	6.22
W. MARQUAM INTCHG. CONN. 1	0.38	0.40	6.22
W. MARQUAM INTCHG. CONN. 1	0.38	0.40	6.22
STADIUM FREEWAY	0.52	0.52	6.22
STADIUM FREEWAY	0.38	0.43	6.22
W. MARQUAM INTCHG. CONN. 1	0.50	0.50	6.22
STADIUM FREEWAY	0.38	0.43	6.22
STADIUM FREEWAY	0.52	0.52	6.22
W. MARQUAM INTCHG. CONN. 1	0.50	0.50	6.22
STADIUM FREEWAY	0.52	0.52	6.22
STADIUM FREEWAY	0.38	0.43	6.22
W. MARQUAM INTCHG. CONN. 1	0.50	0.50	6.22
W. MARQUAM INTCHG. CONN. 1	0.38	0.40	6.22
STADIUM FREEWAY	0.52	0.52	6.22
W. MARQUAM INTCHG. CONN. 1	0.38	0.40	6.22
STADIUM FREEWAY	0.52	0.52	6.22
STADIUM FREEWAY	0.38	0.43	6.22
STADIUM FREEWAY	0.38	0.43	6.22
W. MARQUAM INTCHG. CONN. 1	0.38	0.40	6.22
W. MARQUAM INTCHG. CONN. 1	0.50	0.50	6.22
STADIUM FREEWAY	0.52	0.52	6.22
STADIUM FREEWAY	0.52	0.52	6.22
W. MARQUAM INTCHG. CONN. 1	0.50	0.50	6.22
STADIUM FREEWAY	0.38	0.43	6.22
W. MARQUAM INTCHG. CONN. 1	0.38	0.40	6.22
STADIUM FREEWAY	0.38	0.43	6.22
W. MARQUAM INTCHG. CONN. 1	0.38	0.40	6.22
PARK PLACE FRONTAGE RD.	10.33	10.37	6.22
BEAVERTON-TUALATIN	3.79	3.82	6.22
BEAVERTON-TUALATIN	4.00	4.01	6.22
BEAVERTON-TUALATIN	4.03	4.04	6.22
TERRITORIAL	19.85	19.89	6.22
PACIFIC HIGHWAY WEST	1.67	1.69	6.21
PACIFIC HIGHWAY WEST	1.67	1.70	6.21
WILLAMINA-SHERIDAN	7.60	7.63	6.21
HOOD RIVER	1.04	1.11	6.21
FORT STEVENS	3.68	3.88	6.2
FAIRGROUNDS CONN. NO. 2	122.93	122.95	6.19
OREGON COAST	116.84	116.85	6.19
ROSS ISLAND CONN. NO. 2	0.47	0.51	6.19
SYLVAN CONN. NO. 3	71.25	71.28	6.19
SYLVAN CONN. NO. 3	71.17	71.25	6.19
WILSON RIVER	0.22	0.29	6.19

WILSON RIVER	0.18	0.25	6.19
WILSON RIVER	0.09	0.22	6.19
WILSON RIVER	0.06	0.18	6.19
SUNNYBROOK RD. CONN. NO. 2	14.22	14.23	6.19
STARK-WASHINGTON ST CONN 3	20.58	20.61	6.19
WHITNEY	50.79	50.94	6.19
WHITNEY	50.73	50.74	6.19
LA GRANDE-BAKER	52.12	52.13	6.19
WHITNEY	50.94	50.96	6.19
LA GRANDE-BAKER	52.15	52.20	6.19
STARK-WASHINGTON ST CONN 3	20.61	20.63	6.19
LOWER COLUMBIA RIVER	97.22	97.27	6.19
CASCADE HWY SOUTH	29.48	29.49	6.19
SALEM-DAYTON	0.28	0.48	6.19
LOWER COLUMBIA RIVER	97.48	97.54	6.19
HILLSBORO-SILVERTON	0.15	0.18	6.19
NORTHEAST PORTLAND	1.90	1.99	6.19
SALEM-DAYTON	0.48	0.61	6.19
YAMHILL-NEWBERG	11.16	11.29	6.19
CASCADE HWY SOUTH	29.62	29.65	6.19
NORTHEAST PORTLAND	1.71	1.76	6.19
CASCADE HWY SOUTH	29.55	29.58	6.19
EAGLE CREEK-SANDY	5.88	5.94	6.19
GOSHEN-DIVIDE	14.99	15.21	6.19
MONMOUTH	7.08	7.09	6.19
JACKSONVILLE	33.16	33.23	6.19
ELKTON-SUTHERLIN	24.31	24.40	6.19
MONMOUTH	7.17	7.56	6.19
GOSHEN-DIVIDE	14.99	15.21	6.19
JACKSONVILLE	33.28	33.36	6.19
HOOD RIVER	0.71	0.73	6.19
MADRAS-PRINEVILLE	26.02	26.07	6.19
	0.01	0.01	6.17
MT. HOOD	0.01	0.01	6.17
MT. HOOD	0.15	0.16	6.17
	0.01	0.01	6.17
MT. HOOD	0.01	0.01	6.17
MT. HOOD	0.01	0.01	6.17
	0.01	0.01	6.17
MT. HOOD	0.01	0.01	6.17
MT. HOOD	0.00	0.01	6.17
	0.01	0.01	6.17
MT. HOOD	0.17	0.18	6.17
	0.01	0.01	6.17
MT. HOOD	0.01	0.01	6.17
	0.01	0.01	6.17
MT. HOOD	0.01	0.01	6.17
	0.01	0.01	6.17
	0.01	0.01	6.17
MT. HOOD	0.01	0.01	6.17
	0.01	0.01	6.17
MT. HOOD	0.01	0.01	6.17
MT. HOOD	0.01	0.01	6.17
MT. HOOD	0.01	0.01	6.17
MT. HOOD	0.01	0.01	6.17
	0.01	0.01	6.17
	0.01	0.01	6.17
MT. HOOD	0.17	0.17	6.17
MT. HOOD	0.01	0.01	6.17
	0.01	0.01	6.17
MT. HOOD	0.01	0.01	6.17
MT. HOOD	0.01	0.15	6.17
	0.01	0.01	6.17
	0.01	0.01	6.17
MT. HOOD	0.01	0.01	6.17
MT. HOOD	0.01	0.01	6.17
MT. HOOD	0.16	0.17	6.17
	0.01	0.01	6.17
MT. HOOD	0.01	0.01	6.17
	0.01	0.01	6.17
	0.01	0.01	6.17
	0.01	0.01	6.17
MT. HOOD	0.01	0.01	6.17
MT. HOOD	0.19	0.23	6.17
MT. HOOD	0.01	0.01	6.17
	0.01	0.01	6.17
MT. HOOD	0.01	0.01	6.17
MT. HOOD	0.01	0.01	6.17

	0.01	0.01	6.17
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	0.01	0.01	6.17
MT. HOOD	0.01	0.01	6.17
MT. HOOD	0.01	0.01	6.17
	0.01	0.01	6.17
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MT. HOOD	0.01	0.01	6.17
MT. HOOD	0.01	0.01	6.17
	0.01	0.01	6.17
	0.01	0.01	6.17
MT. HOOD	0.01	0.01	6.17
MT. HOOD	0.34	0.35	6.17
MT. HOOD	0.01	0.01	6.17
	0.01	0.01	6.17
MT. HOOD	0.32	0.34	6.17
MT. HOOD	0.01	0.01	6.17
MT. HOOD	0.01	0.01	6.17
	0.01	0.01	6.17
MT. HOOD	0.01	0.01	6.17
	0.01	0.01	6.17
	0.01	0.01	6.17
MT. HOOD	0.01	0.01	6.17
MT. HOOD	0.01	0.01	6.17
MT. HOOD	0.27	0.32	6.17
MT. HOOD	0.01	0.01	6.17
MT. HOOD	0.27	0.32	6.17
MT. HOOD	0.01	0.01	6.17
	0.01	0.01	6.17
MT. HOOD	0.26	0.27	6.17
	0.01	0.01	6.17
PACIFIC HIGHWAY WEST	1.24	1.27	6.17
ROSS ISLAND BRIDGE CONN. 2	0.32	0.33	6.12
ROSS ISLAND BRIDGE CONN. 2	0.32	0.33	6.12
ROSS ISLAND BRIDGE CONN. 2	0.32	0.33	6.12
ROSS ISLAND BRIDGE CONN. 2	0.32	0.33	6.12
ROSS ISLAND BRIDGE CONN. 2	0.32	0.33	6.12
ROSS ISLAND BRIDGE CONN. 2	0.32	0.33	6.12
ROSS ISLAND BRIDGE CONN. 2	0.32	0.33	6.12
ROSS ISLAND BRIDGE CONN. 2	0.32	0.33	6.12
WILLAMINA-SHERIDAN	7.13	7.15	6.12
FORT STEVENS	0.25	0.36	6.12
WILLAMINA-SHERIDAN	7.20	7.28	6.12
FORT STEVENS	0.10	0.17	6.12
NETARTS	8.64	8.65	6.12
FORT STEVENS	3.58	3.62	6.12
COLUMBIA RIVER	184.11	184.13	5.41
COLUMBIA RIVER	184.05	184.08	5.41
COLUMBIA RIVER	184.08	184.11	5.41
OREGON-WASHINGTON	34.68	34.92	5.41
THE DALLES-CALIFORNIA	275.26	275.41	5.41
OREGON-WASHINGTON	35.23	35.32	5.41
OREGON-WASHINGTON	-1.41	-1.39	5.41
OREGON-WASHINGTON	35.05	35.19	5.41
MT. HOOD	25.22	25.42	5.41
GREEN SPRINGS	59.01	59.03	5.41
SANTIAM	1.48	1.68	5.41
OREGON COAST	239.77	239.82	5.41
SANTIAM	1.32	1.43	5.41
CRATER LAKE	5.60	5.65	5.41
REDWOOD	1.08	1.97	5.41
REDWOOD	2.38	2.56	5.41
OREGON COAST	112.69	112.75	5.41
ROGUE VALLEY	9.07	9.08	5.41
ROGUE VALLEY	5.42	5.43	5.41
ROGUE VALLEY	9.79	9.89	5.41
UMATILLA-STANFIELD	12.07	12.43	5.41
UMATILLA-STANFIELD	3.79	3.90	5.41
ROGUE VALLEY	8.67	8.74	5.41
ROGUE VALLEY	3.73	3.88	5.41
ROGUE VALLEY	8.81	8.93	5.41
PACIFIC HIGHWAY EAST	-5.97	-5.96	5.41
PACIFIC HIGHWAY EAST	19.87	19.89	5.41
PACIFIC HIGHWAY WEST	118.46	118.57	5.41
PACIFIC HIGHWAY EAST	-5.99	-5.97	5.41
PACIFIC HIGHWAY WEST	117.06	117.32	5.41
PACIFIC HIGHWAY EAST	-4.46	-4.22	5.41
PACIFIC HIGHWAY EAST	20.40	20.66	5.41
PACIFIC HIGHWAY EAST	19.95	20.08	5.41

PACIFIC HIGHWAY WEST	117.59	118.35	5.41
PACIFIC HIGHWAY EAST	19.35	19.58	5.41
PACIFIC HIGHWAY EAST	-5.96	-5.94	5.41
BELTLINE	4.18	4.24	5.41
PACIFIC HIGHWAY WEST	118.35	118.42	5.41
PACIFIC HIGHWAY EAST	-5.94	-5.92	5.41
PACIFIC HIGHWAY EAST	-6.03	-5.99	5.41
PACIFIC HIGHWAY WEST	118.42	118.46	5.41
PACIFIC HIGHWAY EAST	-5.91	-5.90	5.41
PACIFIC HIGHWAY WEST	24.20	24.29	5.41
PACIFIC HIGHWAY EAST	-5.92	-5.91	5.41
PACIFIC HIGHWAY WEST	118.42	118.42	5.41
CLACKAMAS	7.28	7.31	5.41
LOWER COLUMBIA RIVER	8.99	9.24	5.41
HILLSBORO-SILVERTON	39.19	39.20	5.41
LOWER COLUMBIA RIVER	7.31	7.32	5.41
LOWER COLUMBIA RIVER	8.68	8.93	5.41
LOWER COLUMBIA RIVER	7.32	8.21	5.41
LOWER COLUMBIA RIVER	9.24	9.99	5.41
CLACKAMAS	7.36	7.79	5.41
LOWER COLUMBIA RIVER	3.43	3.91	5.41
PACIFIC HIGHWAY EAST	20.40	20.66	5.41
OREGON-WASHINGTON	32.79	32.86	5.4
OREGON-WASHINGTON	32.74	32.76	5.4
OREGON COAST	240.37	240.38	5.4
UMATILLA-STANFIELD	2.17	2.25	5.4
UMATILLA-STANFIELD	4.26	4.52	5.4
UMATILLA-STANFIELD	4.15	4.16	5.4
OLDS FERRY-ONTARIO	29.87	30.06	5.4
UMATILLA-STANFIELD	4.26	4.52	5.4
COLUMBIA RIVER	184.68	184.78	5.39
COLUMBIA RIVER	184.81	184.87	5.39
OREGON-WASHINGTON	-1.19	-1.07	5.39
EMPIRE AVE. CONN. NO. 2	135.76	135.77	5.39
THE DALLES-CALIFORNIA	135.76	135.77	5.39
OREGON-WASHINGTON	31.40	31.51	5.39
OREGON-WASHINGTON	31.51	31.55	5.39
THE DALLES-CALIFORNIA	123.52	123.62	5.39
OREGON-WASHINGTON	33.94	34.01	5.39
OREGON-WASHINGTON	-1.29	-1.19	5.39
EMPIRE AVE. CONN. NO. 2	135.76	135.77	5.39
OREGON-WASHINGTON	31.55	31.84	5.39
OREGON-WASHINGTON	33.15	33.27	5.39
THE DALLES-CALIFORNIA	135.76	135.77	5.39
CRATER LAKE	10.07	10.09	5.39
CRATER LAKE	1.21	1.23	5.39
OREGON COAST	236.98	237.17	5.39
MT. HOOD	15.15	15.44	5.39
OREGON COAST	65.22	65.25	5.39
SANTIAM	15.33	15.59	5.39
MCKENZIE	7.88	7.97	5.39
SANTIAM	14.47	14.58	5.39
SANTIAM	14.12	14.26	5.39
SANTIAM	15.87	16.15	5.39
ROGUE VALLEY	4.82	5.07	5.39
KLAMATH FALLS-MALIN	-4.13	-4.13	5.39
ROGUE VALLEY	1.46	1.48	5.39
SALMON RIVER	32.78	32.87	5.39
ROGUE VALLEY	4.30	4.60	5.39
SALMON RIVER	33.20	33.33	5.39
UMATILLA-STANFIELD	9.48	10.46	5.39
ROGUE VALLEY	1.20	1.41	5.39
SALMON RIVER	32.73	32.78	5.39
KLAMATH FALLS-MALIN	-2.58	-2.55	5.39
KLAMATH FALLS-MALIN	-3.22	-3.21	5.39
COOS BAY-ROSEBURG	75.37	75.44	5.39
ROGUE VALLEY	3.91	4.29	5.39
ROGUE VALLEY	3.60	3.68	5.39
CASCADE HWY NORTH	9.77	9.78	5.39
LOWER COLUMBIA RIVER	2.33	2.39	5.39
LOWER COLUMBIA RIVER	21.97	22.49	5.39
NORTHEAST PORTLAND	6.42	6.50	5.39
CASCADE HWY SOUTH	3.24	3.28	5.39
CORVALLIS-LEBANON	7.05	7.07	5.39
CORVALLIS-LEBANON	7.09	7.10	5.39
JACKSONVILLE	37.94	38.08	5.39
CORVALLIS-LEBANON	7.02	7.03	5.39

CORVALLIS-LEBANON	6.65	7.01	5.39
ROGUE VALLEY	3.60	3.68	5.39
THE DALLES-CALIFORNIA	118.48	118.51	5.38
THE DALLES-CALIFORNIA	132.58	132.60	5.38
THE DALLES-CALIFORNIA	124.15	124.39	5.38
THE DALLES-CALIFORNIA	133.65	133.71	5.38
OREGON-WASHINGTON	34.41	34.42	5.38
OREGON-WASHINGTON	32.39	32.39	5.38
OREGON COAST	119.90	120.02	5.38
MT. HOOD	22.02	22.15	5.38
SANTIAM	16.22	17.73	5.38
OREGON COAST	192.12	192.15	5.38
REDWOOD	6.34	6.54	5.38
OREGON COAST	358.13	358.18	5.38
OREGON COAST	105.51	105.55	5.38
MT. HOOD	16.68	16.88	5.38
SANTIAM	24.04	25.91	5.38
CRATER LAKE	1.11	1.18	5.38
GREEN SPRINGS	58.86	58.93	5.38
SANTIAM	17.73	17.74	5.38
OREGON COAST	17.49	17.62	5.38
MT. HOOD	16.14	16.35	5.38
OREGON COAST	105.55	105.62	5.38
SANTIAM	26.62	26.63	5.38
MCKENZIE-BEND	16.64	17.10	5.38
OREGON COAST	120.02	120.48	5.38
OREGON COAST	9.48	9.63	5.38
MT. HOOD	22.15	22.38	5.38
OREGON COAST	359.99	361.04	5.38
SANTIAM	17.89	17.93	5.38
SANTIAM	25.91	26.50	5.38
OREGON COAST	359.29	359.94	5.38
OREGON COAST	9.40	9.48	5.38
OREGON COAST	358.70	359.28	5.38
ALBANY-JUNCTION CITY	7.80	7.81	5.38
UMATILLA-STANFIELD	7.78	8.45	5.38
ROGUE VALLEY	13.56	13.60	5.38
UMATILLA-STANFIELD	2.49	2.53	5.38
UMATILLA-STANFIELD	1.04	2.01	5.38
ALBANY-JUNCTION CITY	7.79	7.80	5.38
UMATILLA-STANFIELD	2.77	3.33	5.38
UMATILLA-STANFIELD	7.33	7.77	5.38
ALBANY-JUNCTION CITY	7.82	7.90	5.38
UMATILLA-STANFIELD	0.83	0.97	5.38
UMATILLA-STANFIELD	0.49	0.58	5.38
UMATILLA-STANFIELD	2.30	2.31	5.38
UMATILLA-STANFIELD	11.74	11.99	5.38
ALBANY-JUNCTION CITY	7.81	7.82	5.38
PACIFIC HIGHWAY WEST	19.55	19.81	5.38
PACIFIC HIGHWAY WEST	19.44	19.55	5.38
LOWER COLUMBIA RIVER	48.44	48.51	5.38
LOWER COLUMBIA RIVER	12.45	12.59	5.38
LOWER COLUMBIA RIVER	21.90	21.92	5.38
LOWER COLUMBIA RIVER	12.87	13.22	5.38
LOWER COLUMBIA RIVER	18.44	19.04	5.38
LOWER COLUMBIA RIVER	32.18	32.23	5.38
LOWER COLUMBIA RIVER	23.37	24.26	5.38
LOWER COLUMBIA RIVER	19.11	19.55	5.38
NORTH UMPQUA HIGHWAY EAST	3.05	3.70	5.38
LOWER COLUMBIA RIVER	12.69	12.87	5.38
LOWER COLUMBIA RIVER	10.94	12.45	5.38
LOWER COLUMBIA RIVER	47.68	48.44	5.38
NORTH UMPQUA HIGHWAY EAST	2.40	2.76	5.38
LAKE OF THE WOODS	65.52	66.00	5.38
CORVALLIS-LEBANON	7.65	7.70	5.38
CORVALLIS-LEBANON	7.55	7.65	5.38
CORVALLIS-LEBANON	7.71	8.60	5.38
NORTH UMPQUA HIGHWAY EAST	2.40	2.76	5.38
TUALATIN VALLEY	14.93	15.12	5.37
SANTIAM	29.28	29.74	5.37
ROGUE VALLEY	5.31	5.33	5.37
ALBANY-JUNCTION CITY	7.51	7.57	5.37
ALBANY-JUNCTION CITY	4.07	4.24	5.37
PACIFIC HIGHWAY EAST	45.35	45.52	5.37
PACIFIC HIGHWAY WEST	7.66	7.67	5.37
PACIFIC HIGHWAY WEST	7.67	7.74	5.37
PACIFIC HIGHWAY EAST	45.24	45.25	5.37

LOWER COLUMBIA RIVER	5.01	5.15	5.37
CLACKAMAS	6.14	6.15	5.37
CLACKAMAS	6.20	6.22	5.37
ONTARIO SPUR	28.00	28.02	5.37
THE DALLES-CALIFORNIA	137.12	137.13	5.36
THE DALLES-CALIFORNIA	136.01	136.24	5.36
THE DALLES-CALIFORNIA	135.03	135.23	5.36
THE DALLES-CALIFORNIA	136.47	136.49	5.36
THE DALLES-CALIFORNIA	139.08	139.16	5.36
THE DALLES-CALIFORNIA	136.96	137.12	5.36
THE DALLES-CALIFORNIA	134.86	134.93	5.36
THE DALLES-CALIFORNIA	138.08	138.14	5.36
OSWEGO	11.16	11.17	5.36
THE DALLES-CALIFORNIA	135.87	135.98	5.36
THE DALLES-CALIFORNIA	136.53	136.73	5.36
THE DALLES-CALIFORNIA	140.12	140.71	5.36
THE DALLES-CALIFORNIA	138.29	138.54	5.36
THE DALLES-CALIFORNIA	135.98	136.01	5.36
THE DALLES-CALIFORNIA	134.93	134.98	5.36
THE DALLES-CALIFORNIA	137.17	137.32	5.36
THE DALLES-CALIFORNIA	135.23	135.47	5.36
THE DALLES-CALIFORNIA	136.73	136.96	5.36
THE DALLES-CALIFORNIA	135.47	135.68	5.36
THE DALLES-CALIFORNIA	137.32	138.05	5.36
OSWEGO	11.17	11.25	5.36
OSWEGO	11.17	11.17	5.36
THE DALLES-CALIFORNIA	137.13	137.14	5.36
THE DALLES-CALIFORNIA	138.05	138.08	5.36
THE DALLES-CALIFORNIA	122.47	122.76	5.36
THE DALLES-CALIFORNIA	134.98	135.03	5.36
THE DALLES-CALIFORNIA	139.16	139.19	5.36
THE DALLES-CALIFORNIA	138.93	139.04	5.36
THE DALLES-CALIFORNIA	139.04	139.08	5.36
THE DALLES-CALIFORNIA	137.15	137.17	5.36
THE DALLES-CALIFORNIA	136.24	136.47	5.36
MCKENZIE-BEND	19.68	19.72	5.36
TUALATIN VALLEY	4.95	5.31	5.36
SANTIAM	1.12	1.15	5.36
KLAMATH FALLS-LAKEVIEW	4.50	4.94	5.36
MCKENZIE-BEND	19.76	19.82	5.36
MCKENZIE	5.29	5.40	5.36
SANTIAM	0.12	0.13	5.36
WALLOWA LAKE	0.72	0.79	5.36
MCKENZIE-BEND	19.87	19.91	5.36
MCKENZIE-BEND	19.34	19.36	5.36
MCKENZIE-BEND	18.91	18.91	5.36
SANTIAM	1.04	1.05	5.36
SANTIAM	29.08	29.19	5.36
TUALATIN VALLEY	6.68	7.14	5.36
CRATER LAKE	1.41	1.97	5.36
CRATER LAKE	0.45	0.46	5.36
TUALATIN VALLEY	15.39	15.53	5.36
OREGON COAST	237.38	237.55	5.36
MT. HOOD	23.47	23.81	5.36
PENDLETON-JOHN DAY	2.22	2.23	5.36
SANTIAM	30.00	30.14	5.36
WALLOWA LAKE	1.74	1.84	5.36
CRATER LAKE	1.98	2.25	5.36
TUALATIN VALLEY	5.56	6.45	5.36
SANTIAM	0.87	0.89	5.36
CRATER LAKE	6.06	6.33	5.36
CRATER LAKE	0.57	0.62	5.36
SANTIAM	28.81	28.88	5.36
MCKENZIE	6.04	6.05	5.36
TUALATIN VALLEY	10.51	11.72	5.36
SANTIAM	0.86	0.87	5.36
SANTIAM	1.07	1.08	5.36
WALLOWA LAKE	0.79	0.82	5.36
TUALATIN VALLEY	8.65	8.81	5.36
SANTIAM	1.01	1.04	5.36
CRATER LAKE	0.46	0.47	5.36
TUALATIN VALLEY	11.77	11.81	5.36
OREGON COAST	8.03	8.16	5.36
TUALATIN VALLEY	6.56	6.59	5.36
MCKENZIE	7.45	7.66	5.36
TUALATIN VALLEY	12.00	12.01	5.36
CRATER LAKE	0.55	0.57	5.36

MCKENZIE-BEND	19.72	19.76	5.36
SANTIAM	0.93	0.97	5.36
SANTIAM	1.08	1.12	5.36
WALLOWA LAKE	0.82	0.88	5.36
MCKENZIE-BEND	19.82	19.84	5.36
TUALATIN VALLEY	7.31	7.74	5.36
TUALATIN VALLEY	9.06	10.50	5.36
CRATER LAKE	0.40	0.41	5.36
MCKENZIE-BEND	19.91	20.22	5.36
MT. HOOD	22.73	23.45	5.36
SANTIAM	28.59	28.75	5.36
TUALATIN VALLEY	15.12	15.22	5.36
TUALATIN VALLEY	11.97	11.98	5.36
TUALATIN VALLEY	15.72	15.90	5.36
SANTIAM	0.55	0.64	5.36
CRATER LAKE	0.47	0.48	5.36
SANTIAM	1.05	1.07	5.36
CRATER LAKE	0.48	0.55	5.36
SANTIAM	0.97	1.01	5.36
WALLOWA LAKE	0.46	0.71	5.36
MCKENZIE	6.24	6.32	5.36
TUALATIN VALLEY	12.04	12.13	5.36
ROGUE VALLEY	14.23	14.52	5.36
ROGUE VALLEY	8.20	8.36	5.36
ALBANY-JUNCTION CITY	1.42	1.52	5.36
ALBANY-JUNCTION CITY	4.02	4.02	5.36
ALBANY-JUNCTION CITY	2.64	2.73	5.36
ROGUE VALLEY	14.59	14.59	5.36
ALBANY-JUNCTION CITY	2.11	2.12	5.36
ALBANY-JUNCTION CITY	3.63	3.70	5.36
ALBANY-JUNCTION CITY	3.77	3.96	5.36
COOS BAY-ROSEBURG	75.69	75.72	5.36
ALBANY-JUNCTION CITY	0.43	0.88	5.36
ALBANY-JUNCTION CITY	2.91	2.98	5.36
ALBANY-JUNCTION CITY	1.24	1.30	5.36
ALBANY-JUNCTION CITY	4.91	5.85	5.36
ROGUE VALLEY	8.56	8.57	5.36
ALBANY-JUNCTION CITY	3.02	3.29	5.36
ALBANY-JUNCTION CITY	0.99	1.04	5.36
ROGUE VALLEY	8.47	8.48	5.36
ALBANY-JUNCTION CITY	0.41	0.43	5.36
ROGUE VALLEY	8.51	8.56	5.36
ALBANY-JUNCTION CITY	2.27	2.28	5.36
ALBANY-JUNCTION CITY	3.42	3.42	5.36
PACIFIC HIGHWAY WEST	23.14	23.18	5.36
PACIFIC HIGHWAY EAST	46.16	46.17	5.36
PACIFIC HIGHWAY WEST	38.40	38.46	5.36
PACIFIC HIGHWAY WEST	84.51	84.77	5.36
PACIFIC HIGHWAY EAST	46.14	46.15	5.36
PACIFIC HIGHWAY EAST	46.23	46.23	5.36
PACIFIC HIGHWAY EAST	31.70	31.78	5.36
NE PORTLAND HWY CONN. NO 1	0.40	0.47	5.36
PACIFIC HIGHWAY WEST	120.90	121.06	5.36
PACIFIC HIGHWAY EAST	31.94	32.00	5.36
PACIFIC HIGHWAY WEST	85.23	85.42	5.36
PACIFIC HIGHWAY EAST	10.14	10.75	5.36
PACIFIC HIGHWAY EAST	45.82	46.00	5.36
PACIFIC HIGHWAY EAST	46.00	46.08	5.36
PACIFIC HIGHWAY EAST	46.23	46.29	5.36
PACIFIC HIGHWAY EAST	46.14	46.14	5.36
PACIFIC HIGHWAY WEST	36.27	36.31	5.36
PACIFIC HIGHWAY WEST	81.77	81.90	5.36
PACIFIC HIGHWAY WEST	7.89	7.90	5.36
PACIFIC HIGHWAY WEST	2.47	3.20	5.36
PACIFIC HIGHWAY WEST	85.45	85.55	5.36
NE PORTLAND HWY CONN. NO 2	0.49	0.53	5.36
SALEM	6.65	6.96	5.36
PENDLETON	2.15	2.19	5.36
PACIFIC HIGHWAY EAST	46.14	46.14	5.36
PACIFIC HIGHWAY WEST	38.92	38.99	5.36
PACIFIC HIGHWAY EAST	46.14	46.14	5.36
PACIFIC HIGHWAY WEST	118.86	119.77	5.36
SALEM	7.24	7.42	5.36
PACIFIC HIGHWAY WEST	38.87	38.87	5.36
PACIFIC HIGHWAY WEST	8.38	8.49	5.36
PACIFIC HIGHWAY WEST	9.85	10.16	5.36
PACIFIC HIGHWAY WEST	35.72	35.76	5.36

PACIFIC HIGHWAY WEST	22.89	23.01	5.36
PACIFIC HIGHWAY EAST	10.93	11.11	5.36
PACIFIC HIGHWAY WEST	7.94	8.18	5.36
PACIFIC HIGHWAY EAST	6.31	6.57	5.36
PACIFIC HIGHWAY EAST	46.17	46.20	5.36
PACIFIC HIGHWAY WEST	36.75	36.75	5.36
PACIFIC HIGHWAY WEST	81.13	81.19	5.36
PACIFIC HIGHWAY EAST	9.22	9.40	5.36
PACIFIC HIGHWAY EAST	46.29	46.49	5.36
PACIFIC HIGHWAY WEST	85.58	85.69	5.36
SALEM	7.09	7.20	5.36
PACIFIC HIGHWAY EAST	46.14	46.14	5.36
PACIFIC HIGHWAY WEST	84.96	85.06	5.36
PACIFIC HIGHWAY EAST	46.08	46.14	5.36
PACIFIC HIGHWAY EAST	46.15	46.16	5.36
PACIFIC HIGHWAY WEST	38.49	38.57	5.36
PACIFIC HIGHWAY WEST	38.28	38.35	5.36
PACIFIC HIGHWAY EAST	6.65	7.33	5.36
PACIFIC HIGHWAY WEST	3.30	3.45	5.36
PACIFIC HIGHWAY WEST	3.56	3.72	5.36
PACIFIC HIGHWAY WEST	36.85	36.86	5.36
PACIFIC HIGHWAY EAST	7.78	8.10	5.36
PACIFIC HIGHWAY WEST	82.52	82.55	5.36
PACIFIC HIGHWAY EAST	-4.14	-4.08	5.36
NORTHEAST PORTLAND	10.37	10.41	5.36
LOWER COLUMBIA RIVER	27.38	27.47	5.36
SALEM-DAYTON	20.26	20.39	5.36
NORTHEAST PORTLAND	10.08	10.37	5.36
LOWER COLUMBIA RIVER	2.05	2.25	5.36
NORTHEAST PORTLAND	10.41	10.41	5.36
LOWER COLUMBIA RIVER	28.37	28.50	5.36
CLACKAMAS	4.94	4.99	5.36
CASCADE HWY SOUTH	3.69	3.75	5.36
LOWER COLUMBIA RIVER	20.91	20.96	5.36
CLACKAMAS	4.99	5.03	5.36
LOWER COLUMBIA RIVER	20.57	20.82	5.36
CLACKAMAS	5.18	5.40	5.36
CLACKAMAS	7.02	7.12	5.36
CLACKAMAS	5.03	5.18	5.36
NORTHEAST PORTLAND	9.52	9.59	5.36
STEPHENS ST. CONN.	0.00	0.01	5.36
NORTHEAST PORTLAND	11.01	11.03	5.36
NORTHEAST PORTLAND	6.79	8.95	5.36
SALEM-DAYTON	20.57	20.71	5.36
LOWER COLUMBIA RIVER	27.55	27.63	5.36
NORTHEAST PORTLAND	10.41	10.45	5.36
LOWER COLUMBIA RIVER	27.69	28.04	5.36
NORTHEAST PORTLAND	10.88	11.01	5.36
CLACKAMAS	4.93	4.94	5.36
LOWER COLUMBIA RIVER	28.93	29.64	5.36
CLACKAMAS	5.52	5.63	5.36
LOWER COLUMBIA RIVER	21.00	21.26	5.36
NORTHEAST PORTLAND	10.45	10.59	5.36
CASCADE HWY SOUTH	3.51	3.60	5.36
LOWER COLUMBIA RIVER	28.28	28.32	5.36
NORTHEAST PORTLAND	11.03	11.07	5.36
LOWER COLUMBIA RIVER	19.72	19.75	5.36
CLACKAMAS	6.80	6.82	5.36
JACKSONVILLE	0.54	0.57	5.36
PACIFIC HIGHWAY EAST	6.65	7.33	5.36
PACIFIC HIGHWAY EAST	10.93	11.11	5.36
SALEM	6.65	6.96	5.36
S MEDFORD CONN. NO. 3	26.82	26.84	5.35
S MEDFORD CONN. NO. 3	27.13	27.14	5.35
S MEDFORD CONN. NO. 3	26.94	27.00	5.35
S MEDFORD CONN. NO. 3	27.14	27.19	5.35
OSWEGO	2.90	2.95	5.35
CENTRAL OREGON	2.05	2.18	5.35
THE DALLES-CALIFORNIA	121.45	121.46	5.35
THE DALLES-CALIFORNIA	138.71	138.79	5.35
OREGON-WASHINGTON	0.30	0.33	5.35
CENTRAL OREGON	2.62	2.80	5.35
CENTRAL OREGON	2.29	2.55	5.35
THE DALLES-CALIFORNIA	275.25	275.26	5.35
THE DALLES-CALIFORNIA	121.46	121.48	5.35
CENTRAL OREGON	2.24	2.29	5.35
THE DALLES-CALIFORNIA	121.43	121.45	5.35

OREGON COAST	141.33	141.33	5.35
WALLOWA LAKE	1.38	1.55	5.35
OREGON COAST	118.48	118.61	5.35
OREGON COAST	64.50	64.65	5.35
OREGON COAST	21.79	21.83	5.35
SANTIAM	29.74	29.86	5.35
OREGON COAST	22.14	22.17	5.35
OREGON COAST	21.76	21.77	5.35
MCKENZIE	7.84	7.88	5.35
PENDLETON-JOHN DAY	1.93	1.97	5.35
OREGON COAST	22.00	22.00	5.35
MT. HOOD	22.39	22.66	5.35
OREGON COAST	139.00	139.06	5.35
TUALATIN VALLEY	11.83	11.87	5.35
PENDLETON-JOHN DAY	2.01	2.02	5.35
WALLOWA LAKE	1.20	1.21	5.35
OREGON COAST	64.76	64.87	5.35
ROGUE VALLEY	15.03	15.06	5.35
COOS BAY-ROSEBURG	73.81	73.95	5.35
ROGUE VALLEY	15.21	15.34	5.35
ALBANY-JUNCTION CITY	4.55	4.68	5.35
ROGUE VALLEY	14.95	14.96	5.35
ALBANY-JUNCTION CITY	2.74	2.78	5.35
ROGUE VALLEY	15.07	15.13	5.35
ALBANY-JUNCTION CITY	2.85	2.87	5.35
ROGUE VALLEY	8.60	8.65	5.35
ALBANY-JUNCTION CITY	7.71	7.73	5.35
ALBANY-JUNCTION CITY	4.81	4.90	5.35
ALBANY-JUNCTION CITY	4.25	4.36	5.35
ROGUE VALLEY	14.62	14.72	5.35
WARM SPRINGS	117.52	117.54	5.35
ROGUE VALLEY	17.83	18.01	5.35
WARM SPRINGS	117.59	117.67	5.35
ALBANY-JUNCTION CITY	7.57	7.71	5.35
PACIFIC HIGHWAY WEST	35.52	35.60	5.35
CASCADE HWY NORTH	7.55	7.72	5.35
CASCADE HWY NORTH	7.73	7.81	5.35
PACIFIC HIGHWAY WEST	21.27	21.35	5.35
BELTLINE	2.42	2.63	5.35
PACIFIC HIGHWAY WEST	116.76	117.04	5.35
PACIFIC HIGHWAY WEST	21.46	21.48	5.35
CASCADE HWY NORTH	7.46	7.54	5.35
PACIFIC HIGHWAY WEST	35.23	35.39	5.35
PACIFIC HIGHWAY WEST	35.41	35.47	5.35
PACIFIC HIGHWAY EAST	44.74	45.01	5.35
CASCADE HWY NORTH	7.92	7.95	5.35
PACIFIC HIGHWAY WEST	7.84	7.85	5.35
PACIFIC HIGHWAY WEST	116.13	116.69	5.35
PACIFIC HIGHWAY EAST	19.26	19.35	5.35
PACIFIC HIGHWAY WEST	24.31	24.37	5.35
NORTHEAST PORTLAND	0.58	0.66	5.35
CASCADE HWY SOUTH	4.43	4.48	5.35
NORTHEAST PORTLAND	9.11	9.28	5.35
NORTHEAST PORTLAND	0.57	0.58	5.35
SWIFT	2.49	2.57	5.35
LOWER COLUMBIA RIVER	21.26	21.27	5.35
JACKSONVILLE	0.96	1.14	5.35
JACKSONVILLE	0.66	0.66	5.35
JACKSONVILLE	1.27	1.36	5.35
JACKSONVILLE	1.16	1.19	5.35
JACKSONVILLE	1.40	1.52	5.35
JACKSONVILLE	1.60	1.60	5.35
JACKSONVILLE	0.76	0.85	5.35
COLUMBIA RIVER	183.77	183.94	5.34
THE DALLES-CALIFORNIA	272.72	272.97	5.34
THE DALLES-CALIFORNIA	274.10	274.83	5.34
THE DALLES-CALIFORNIA	115.45	115.61	5.34
THE DALLES-CALIFORNIA	275.06	275.06	5.34
THE DALLES-CALIFORNIA	272.81	272.99	5.34
THE DALLES-CALIFORNIA	116.08	116.46	5.34
THE DALLES-CALIFORNIA	272.97	273.30	5.34
THE DALLES-CALIFORNIA	274.83	275.06	5.34
THE DALLES-CALIFORNIA	143.48	143.61	5.34
THE DALLES-CALIFORNIA	143.45	143.54	5.34
OREGON-WASHINGTON	0.05	0.10	5.34
OREGON-WASHINGTON	0.10	0.17	5.34
THE DALLES-CALIFORNIA	275.06	275.22	5.34

OREGON COAST	66.31	66.43	5.34
WILLAMETTE	-0.28	-0.12	5.34
WILLAMETTE	0.07	0.14	5.34
REDWOOD	0.05	0.06	5.34
ALBANY-CORVALLIS	11.23	11.28	5.34
TUALATIN VALLEY	0.09	0.14	5.34
REDWOOD	0.05	0.06	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34
CORVALLIS-NEWPORT	55.91	56.14	5.34
REDWOOD	0.05	0.06	5.34
CORVALLIS-NEWPORT	51.39	51.87	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34
MCKENZIE	1.37	1.41	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34
MCKENZIE-BEND	18.61	18.68	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34
REDWOOD	0.78	0.79	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34
REDWOOD	0.05	0.06	5.34
WILLAMETTE	0.28	0.30	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34
CORVALLIS-NEWPORT	54.15	54.18	5.34
WILLAMETTE	0.30	0.42	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34
OREGON COAST	8.17	8.30	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34
CORVALLIS-NEWPORT	55.82	55.89	5.34
CORVALLIS-NEWPORT	54.38	54.62	5.34
REDWOOD	0.05	0.06	5.34
CORVALLIS-NEWPORT	55.17	55.59	5.34
OREGON COAST	19.73	19.74	5.34
REDWOOD	-0.08	0.00	5.34
REDWOOD	0.06	0.07	5.34
CORVALLIS-NEWPORT	55.67	55.82	5.34
SANTIAM	30.44	30.60	5.34
MT. HOOD	1.67	1.71	5.34
CORVALLIS-NEWPORT	54.24	54.37	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34
REDWOOD	-0.30	-0.08	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34
REDWOOD	0.05	0.06	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34
CORVALLIS-NEWPORT	54.18	54.20	5.34
CORVALLIS-NEWPORT	55.66	55.67	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34
OREGON COAST	118.17	118.19	5.34
REDWOOD	0.05	0.06	5.34
CORVALLIS-NEWPORT	54.25	54.37	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34
OREGON COAST	7.78	7.97	5.34
WILLAMETTE	-0.12	0.07	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34
OREGON COAST	66.28	66.43	5.34
SANTIAM	30.84	31.11	5.34
MCKENZIE-BEND	18.41	18.61	5.34
REDWOOD	0.05	0.06	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34
CORVALLIS-NEWPORT	0.73	0.81	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34
CORVALLIS-NEWPORT	54.92	55.01	5.34
REDWOOD	0.68	0.76	5.34
REDWOOD	0.08	0.12	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34
WILLAMETTE	0.23	0.28	5.34
CORVALLIS-NEWPORT	54.20	54.25	5.34
ALBANY-CORVALLIS	11.15	11.19	5.34
CORVALLIS-NEWPORT	53.99	54.07	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34

CORVALLIS-NEWPORT	54.36	54.37	5.34
CORVALLIS-NEWPORT	54.72	54.82	5.34
CORVALLIS-NEWPORT	55.02	55.10	5.34
REDWOOD	0.02	0.05	5.34
CORVALLIS-NEWPORT	55.89	55.91	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34
CORVALLIS-NEWPORT	54.36	54.37	5.34
REDWOOD	0.06	0.06	5.34
MT. HOOD	1.67	1.71	5.34
OREGON COAST	66.43	66.57	5.34
TUALATIN VALLEY	0.14	0.14	5.34
SALMON RIVER	44.36	44.47	5.34
KLAMATH FALLS-MALIN	-6.55	-6.51	5.34
N. THURSTON ST CONN. NO. 3	2.08	2.09	5.34
ALBANY-JUNCTION CITY	2.51	2.51	5.34
N. THURSTON ST CONN. NO. 3	2.08	2.09	5.34
KLAMATH FALLS-MALIN	-6.47	-6.44	5.34
ALBANY-CORVALLIS HWY CON 1	2.51	2.51	5.34
SALMON RIVER	44.08	44.11	5.34
N. THURSTON ST CONN. NO. 3	2.08	2.09	5.34
ALBANY-JUNCTION CITY	2.08	2.08	5.34
FLORENCE-EUGENE	46.92	46.92	5.34
KLAMATH FALLS-MALIN	-2.30	-2.24	5.34
SALMON RIVER	44.25	44.36	5.34
ALBANY-JUNCTION CITY	2.08	2.08	5.34
ROGUE RIVER	0.15	0.18	5.34
ALBANY-JUNCTION CITY	2.51	2.51	5.34
ALBANY-CORVALLIS HWY CON 1	2.51	2.51	5.34
ALBANY-JUNCTION CITY	2.51	2.51	5.34
ROGUE RIVER	0.00	0.14	5.34
N. THURSTON ST CONN. NO. 3	2.08	2.09	5.34
FLORENCE-EUGENE	46.92	47.19	5.34
KLAMATH FALLS-MALIN	-6.63	-6.55	5.34
ALBANY-JUNCTION CITY	2.51	2.51	5.34
ALBANY-CORVALLIS HWY CON 1	2.51	2.51	5.34
SALMON RIVER	44.24	44.25	5.34
COOS BAY-ROSEBURG	73.70	73.76	5.34
ALBANY-JUNCTION CITY	2.08	2.08	5.34
FLORENCE-EUGENE	47.57	47.84	5.34
ALBANY-JUNCTION CITY	2.08	2.08	5.34
ALBANY-CORVALLIS HWY CON 1	2.51	2.51	5.34
SALMON RIVER	44.23	44.26	5.34
PACIFIC HIGHWAY WEST	126.04	126.37	5.34
AIRPORT WAY CONN. NO. 3	25.40	25.43	5.34
PACIFIC HIGHWAY WEST	126.38	126.38	5.34
PACIFIC HIGHWAY WEST	80.53	80.95	5.34
PACIFIC HIGHWAY WEST	126.38	126.38	5.34
PACIFIC HIGHWAY WEST	1.86	1.87	5.34
PENDLETON	1.79	1.95	5.34
PACIFIC HIGHWAY WEST	2.06	2.10	5.34
CASCADE HWY NORTH	0.09	0.21	5.34
AIRPORT WAY CONN. NO. 3	25.43	25.43	5.34
CASCADE HWY NORTH	0.08	0.10	5.34
PACIFIC HIGHWAY WEST	78.66	78.93	5.34
CASCADE HWY NORTH	-0.01	0.06	5.34
PACIFIC HIGHWAY WEST	37.81	38.10	5.34
CASCADE HWY NORTH	0.34	0.39	5.34
SALEM	4.94	5.01	5.34
PACIFIC HIGHWAY WEST	126.38	126.38	5.34
PACIFIC HIGHWAY EAST	1.71	1.73	5.34
AIRPORT WAY CONN. NO. 3	25.07	25.09	5.34
PACIFIC HIGHWAY EAST	1.77	1.80	5.34
AIRPORT WAY CONN. NO. 3	25.45	25.46	5.34
PACIFIC HIGHWAY WEST	34.02	34.03	5.34
PACIFIC HIGHWAY WEST	75.70	76.16	5.34
CASCADE HWY NORTH	0.26	0.33	5.34
PACIFIC HIGHWAY EAST	3.71	4.11	5.34
PACIFIC HIGHWAY EAST	2.09	2.23	5.34
AIRPORT WAY CONN. NO. 3	25.51	25.58	5.34
PACIFIC HIGHWAY EAST	4.24	4.25	5.34
PACIFIC HIGHWAY WEST	115.83	115.84	5.34
PACIFIC HIGHWAY WEST	126.38	126.38	5.34
CASCADE HWY NORTH	0.33	0.34	5.34
AIRPORT WAY CONN. NO. 3	25.63	25.79	5.34
CASCADE HWY NORTH	0.10	0.25	5.34
AIRPORT WAY CONN. NO. 3	25.45	25.63	5.34
AIRPORT WAY CONN. NO. 3	25.09	25.27	5.34

PACIFIC HIGHWAY WEST	126.05	126.06	5.34
CASCADE HWY NORTH	0.06	0.09	5.34
AIRPORT WAY CONN. NO. 3	25.44	25.45	5.34
AIRPORT WAY CONN. NO. 3	25.18	25.28	5.34
PACIFIC HIGHWAY WEST	126.38	126.38	5.34
CASCADE HWY NORTH	0.25	0.33	5.34
AIRPORT WAY CONN. NO. 3	25.43	25.44	5.34
PACIFIC HIGHWAY WEST	35.15	35.18	5.34
PACIFIC HIGHWAY WEST	32.11	32.18	5.34
AIRPORT WAY CONN. NO. 3	25.40	25.43	5.34
AIRPORT WAY CONN. NO. 3	25.75	25.79	5.34
PACIFIC HIGHWAY EAST	1.71	1.73	5.34
CASCADE HWY NORTH	0.21	0.26	5.34
SALEM	5.04	5.19	5.34
AIRPORT WAY CONN. NO. 3	25.46	25.51	5.34
CASCADE HWY NORTH	-0.01	0.08	5.34
PACIFIC HIGHWAY EAST	3.68	4.08	5.34
PACIFIC HIGHWAY WEST	126.38	126.38	5.34
PACIFIC HIGHWAY WEST	12.20	12.34	5.34
PACIFIC HIGHWAY WEST	126.16	126.38	5.34
AIRPORT WAY CONN. NO. 3	25.43	25.45	5.34
SALEM	4.93	4.94	5.34
PACIFIC HIGHWAY EAST	4.24	4.25	5.34
PACIFIC HIGHWAY WEST	63.63	63.65	5.34
PACIFIC HIGHWAY WEST	126.38	126.38	5.34
FARMINGTON	6.81	7.17	5.34
PACIFIC HIGHWAY WEST	126.38	126.38	5.34
FARMINGTON	6.81	7.17	5.34
LOWER COLUMBIA RIVER	96.69	96.70	5.34
CASCADE HWY SOUTH	5.38	5.73	5.34
CLACKAMAS	4.91	4.92	5.34
NORTHEAST PORTLAND	13.84	14.04	5.34
NORTHEAST PORTLAND	14.18	14.30	5.34
NEHALEM	1.20	1.42	5.34
FARMINGTON	6.11	6.39	5.34
HILLSBORO-SILVERTON	38.84	38.91	5.34
NEHALEM	1.04	1.17	5.34
HILLSBORO-SILVERTON	20.80	21.05	5.34
NORTHEAST PORTLAND	14.35	14.39	5.34
NEHALEM	88.74	88.78	5.34
NORTH UMPQUA HIGHWAY EAST	-0.94	-0.91	5.34
LOWER COLUMBIA RIVER	96.37	96.47	5.34
CASCADE HWY SOUTH	0.63	0.84	5.34
NORTH UMPQUA HIGHWAY EAST	0.00	0.02	5.34
CASCADE HWY SOUTH	4.99	5.27	5.34
LOWER COLUMBIA RIVER	96.59	96.62	5.34
FARMINGTON	6.49	6.51	5.34
HILLSBORO-SILVERTON	21.10	21.43	5.34
REDWOOD SPUR	1.11	1.45	5.34
JACKSONVILLE	0.00	0.01	5.34
REDWOOD SPUR	1.50	1.69	5.34
JACKSONVILLE	0.00	0.01	5.34
JACKSONVILLE	38.49	38.75	5.34
REDWOOD SPUR	1.04	1.23	5.34
HALSEY-SWEET HOME	21.24	21.25	5.34
INDEPENDENCE	6.11	6.15	5.34
LAKE OF THE WOODS	0.10	0.27	5.34
MCMINNVILLE SPUR	46.81	46.85	5.34
JACKSONVILLE	0.00	0.01	5.34
JACKSONVILLE	38.48	38.49	5.34
JACKSONVILLE	0.00	0.01	5.34
CLACKAMAS-BORING	0.11	0.36	5.34
SOUTH KLAMATH FALLS	4.27	4.74	5.34
REDWOOD SPUR	0.72	1.08	5.34
REDWOOD SPUR	1.27	1.67	5.34
REDWOOD SPUR	1.67	1.69	5.34
REDWOOD SPUR	0.72	0.83	5.34
JACKSONVILLE	0.00	0.01	5.34
REDWOOD SPUR	0.92	0.99	5.34
JACKSONVILLE	0.00	0.01	5.34
JACKSONVILLE	0.00	0.01	5.34
JACKSONVILLE	0.00	0.01	5.34
S MEDFORD CONN. NO. 3	27.22	27.22	5.33
COLUMBIA RIVER	185.96	186.00	5.33
S MEDFORD CONN. NO. 3	27.22	27.24	5.33
OREGON-WASHINGTON	-1.54	-1.51	5.33
THE DALLES-CALIFORNIA	120.98	121.21	5.33
OREGON COAST	124.12	124.15	5.33
THE DALLES-CALIFORNIA	120.43	120.46	5.33

THE DALLES-CALIFORNIA	119.17	119.17	5.33
OREGON-WASHINGTON	26.14	26.18	5.33
OREGON-WASHINGTON	-1.46	-1.41	5.33
THE DALLES-CALIFORNIA	119.15	119.17	5.33
THE DALLES-CALIFORNIA	118.52	119.14	5.33
THE DALLES-CALIFORNIA	119.17	119.40	5.33
THE DALLES-CALIFORNIA	121.21	121.24	5.33
THE DALLES-CALIFORNIA	272.35	272.36	5.33
THE DALLES-CALIFORNIA	119.40	119.42	5.33
OREGON COAST	124.19	124.33	5.33
OREGON-WASHINGTON	-1.51	-1.49	5.33
OREGON COAST	124.36	124.63	5.33
THE DALLES-CALIFORNIA	133.72	134.11	5.33
OSWEGO	3.16	3.43	5.33
THE DALLES-CALIFORNIA	118.96	119.14	5.33
OREGON-WASHINGTON	-1.48	-1.46	5.33
WALLOWA LAKE	0.92	0.93	5.33
REDWOOD	3.59	3.87	5.33
OREGON COAST	111.55	112.05	5.33
OREGON COAST	121.17	121.70	5.33
OREGON COAST	124.36	124.63	5.33
CRATER LAKE	6.61	6.70	5.33
OREGON COAST	138.33	138.85	5.33
OREGON COAST	24.30	24.30	5.33
OREGON COAST	124.11	124.33	5.33
OREGON COAST	146.72	147.19	5.33
OREGON COAST	136.83	137.24	5.33
WALLOWA LAKE	0.91	0.92	5.33
OREGON COAST	141.35	141.53	5.33
CRATER LAKE	1.32	1.40	5.33
OREGON COAST	141.68	142.22	5.33
REDWOOD	0.98	1.04	5.33
OREGON COAST	3.07	3.17	5.33
REDWOOD	3.88	4.10	5.33
OREGON COAST	147.21	147.23	5.33
OREGON COAST	142.26	142.32	5.33
OREGON COAST	112.08	112.35	5.33
OREGON COAST	64.20	64.23	5.33
CORVALLIS-NEWPORT	51.94	51.95	5.33
OREGON COAST	59.71	60.17	5.33
OREGON COAST	357.59	357.87	5.33
OREGON COAST	24.32	24.32	5.33
MCKENZIE	10.87	10.93	5.33
OREGON COAST	136.30	136.79	5.33
OREGON COAST	137.32	137.53	5.33
OREGON COAST	64.06	64.12	5.33
OREGON COAST	356.32	356.53	5.33
OREGON COAST	22.44	22.50	5.33
REDWOOD	0.93	1.04	5.33
OREGON COAST	22.41	22.41	5.33
OREGON COAST	122.07	122.58	5.33
SANTIAM	15.16	15.17	5.33
OREGON COAST	63.65	63.84	5.33
CRATER LAKE	8.45	8.69	5.33
OREGON COAST	141.27	141.30	5.33
MCKENZIE	10.96	11.02	5.33
CORVALLIS-NEWPORT	53.47	53.58	5.33
PENDLETON-JOHN DAY	1.78	1.86	5.33
OREGON COAST	10.12	10.16	5.33
OREGON COAST	22.18	22.37	5.33
OREGON COAST	24.07	24.26	5.33
CORVALLIS-NEWPORT	53.22	53.46	5.33
OREGON COAST	137.79	138.00	5.33
OREGON COAST	63.90	63.97	5.33
REDWOOD	0.91	0.94	5.33
WALLOWA LAKE	0.95	0.97	5.33
COOS BAY-ROSEBURG	74.61	74.61	5.33
ROGUE VALLEY	16.58	16.88	5.33
ROGUE VALLEY	15.36	15.60	5.33
COOS BAY-ROSEBURG	74.61	74.61	5.33
COOS BAY-ROSEBURG	74.60	74.61	5.33
COOS BAY-ROSEBURG	74.60	74.61	5.33
FLORENCE-EUGENE	48.50	48.69	5.33
ROGUE RIVER	2.08	2.39	5.33
SALMON RIVER	32.60	32.67	5.33
ALBANY-JUNCTION CITY	0.20	0.30	5.33
FLORENCE-EUGENE	49.48	49.75	5.33

COOS BAY-ROSEBURG	74.60	74.61	5.33
ROGUE VALLEY	16.26	16.52	5.33
ROGUE VALLEY	17.22	17.23	5.33
COOS BAY-ROSEBURG	74.61	74.61	5.33
ALBANY-JUNCTION CITY	0.29	0.30	5.33
COOS BAY-ROSEBURG	76.07	76.10	5.33
COOS BAY-ROSEBURG	74.60	74.61	5.33
FLORENCE-EUGENE	0.35	0.39	5.33
COOS BAY-ROSEBURG	74.60	74.61	5.33
ROGUE VALLEY	13.60	13.64	5.33
COOS BAY-ROSEBURG	77.09	77.20	5.33
COOS BAY-ROSEBURG	74.61	74.61	5.33
COOS BAY-ROSEBURG	74.61	74.61	5.33
ROGUE VALLEY	17.31	17.52	5.33
KLAMATH FALLS-MALIN	0.90	1.01	5.33
ALBANY-JUNCTION CITY	0.30	0.32	5.33
COOS BAY-ROSEBURG	74.60	74.61	5.33
ROGUE VALLEY	14.74	14.90	5.33
COOS BAY-ROSEBURG	74.61	74.61	5.33
ROGUE VALLEY	16.01	16.25	5.33
COOS BAY-ROSEBURG	74.61	74.61	5.33
COOS BAY-ROSEBURG	74.60	74.61	5.33
COOS BAY-ROSEBURG	74.54	74.61	5.33
COOS BAY-ROSEBURG	74.39	74.43	5.33
WILSON RIVER	2.11	2.13	5.33
SALMON RIVER	32.67	32.68	5.33
COOS BAY-ROSEBURG	75.93	76.07	5.33
ROGUE VALLEY	17.64	17.80	5.33
COOS BAY-ROSEBURG	74.61	74.61	5.33
PENDLETON	1.20	1.23	5.33
PACIFIC HIGHWAY WEST	17.46	17.47	5.33
PACIFIC HIGHWAY WEST	110.01	110.02	5.33
PACIFIC HIGHWAY WEST	125.94	126.02	5.33
BELTLINE	0.97	1.26	5.33
LA GRANDE-BAKER	50.13	50.16	5.33
BELTLINE	1.28	1.32	5.33
BELTLINE	3.10	3.26	5.33
LA GRANDE-BAKER	2.90	2.93	5.33
LA GRANDE-BAKER	50.20	50.21	5.33
BELTLINE	2.05	2.21	5.33
NORTHEAST PORTLAND	13.57	13.67	5.33
LOWER COLUMBIA RIVER	95.12	95.15	5.33
NORTHEAST PORTLAND	0.80	1.04	5.33
CLACKAMAS	8.19	8.19	5.33
LOWER COLUMBIA RIVER	34.20	34.41	5.33
LOWER COLUMBIA RIVER	20.25	20.26	5.33
CLACKAMAS	8.15	8.19	5.33
LOWER COLUMBIA RIVER	34.43	34.48	5.33
LOWER COLUMBIA RIVER	95.84	96.04	5.33
CLACKAMAS	8.19	8.19	5.33
CASCADE HWY SOUTH	0.04	0.04	5.33
LOWER COLUMBIA RIVER	33.94	33.97	5.33
CASCADE HWY SOUTH	2.74	2.78	5.33
LOWER COLUMBIA RIVER	33.97	34.19	5.33
NORTHEAST PORTLAND	9.31	9.32	5.33
LOWER COLUMBIA RIVER	27.00	27.02	5.33
NORTHEAST PORTLAND	8.98	9.08	5.33
LOWER COLUMBIA RIVER	95.22	95.79	5.33
CLACKAMAS	8.19	8.19	5.33
LOWER COLUMBIA RIVER	25.71	25.86	5.33
CLACKAMAS BORING CONN NO 1	8.19	8.19	5.33
DALLAS-RICKREALL	0.41	0.60	5.33
JACKSONVILLE	34.87	35.13	5.33
CLACKAMAS BORING CONN NO 1	8.19	8.19	5.33
HALSEY-SWEET HOME	20.59	20.67	5.33
JACKSONVILLE	34.71	34.79	5.33
CLACKAMAS BORING CONN NO 1	8.19	8.19	5.33
CLACKAMAS BORING CONN NO 1	8.19	8.19	5.33
LAKE OF THE WOODS	68.41	68.70	5.33
OREGON COAST	124.66	124.70	5.32
OREGON COAST	362.09	362.10	5.32
OREGON COAST	138.08	138.10	5.32
CORVALLIS-NEWPORT	49.76	49.76	5.32
OREGON COAST	123.91	123.95	5.32
OREGON COAST	112.83	112.96	5.32
OREGON COAST	138.14	138.15	5.32
OREGON COAST	147.94	147.99	5.32

PENDLETON-JOHN DAY	5.84	5.86	5.32
OREGON COAST	123.71	123.74	5.32
OREGON COAST	17.03	17.06	5.32
MCKENZIE	11.10	11.17	5.32
OREGON COAST	136.79	136.81	5.32
OREGON COAST	60.44	60.50	5.32
OREGON COAST	17.12	17.15	5.32
OREGON COAST	17.48	17.49	5.32
CORVALLIS-NEWPORT	49.73	49.76	5.32
OREGON COAST	239.60	239.64	5.32
OREGON COAST	12.16	12.19	5.32
PENDLETON-JOHN DAY	4.48	4.50	5.32
OREGON COAST	124.66	124.70	5.32
ALBANY-CORVALLIS	9.25	9.32	5.32
OREGON COAST	123.40	123.42	5.32
OREGON COAST	138.22	138.23	5.32
OREGON COAST	239.28	239.34	5.32
CORVALLIS-NEWPORT	52.58	52.60	5.32
WARM SPRINGS	115.85	115.86	5.32
UMATILLA-STANFIELD	11.01	11.27	5.32
WARM SPRINGS	116.79	116.80	5.32
ALBANY-JUNCTION CITY	7.90	8.07	5.32
PACIFIC HIGHWAY WEST	110.14	110.23	5.32
PACIFIC HIGHWAY WEST	110.29	110.49	5.32
PACIFIC HIGHWAY WEST	19.31	19.33	5.32
PACIFIC HIGHWAY WEST	111.27	111.28	5.32
PACIFIC HIGHWAY WEST	111.28	114.28	5.32
PACIFIC HIGHWAY WEST	110.60	110.90	5.32
PACIFIC HIGHWAY EAST	44.40	44.44	5.32
LOWER COLUMBIA RIVER	98.71	98.90	5.32
NORTH UMPQUA HIGHWAY EAST	3.70	4.37	5.32
LAKE OF THE WOODS	2.79	2.81	5.32
DALLAS-RICKREALL	1.06	1.07	5.32
CLACKAMAS-BORING	7.59	7.61	5.32
CLACKAMAS-BORING	2.04	2.23	5.32
ONTARIO SPUR	27.41	27.53	5.32
COLUMBIA RIVER	182.60	182.60	5.31
THE DALLES-CALIFORNIA	143.17	143.27	5.31
THE DALLES-CALIFORNIA	272.58	272.58	5.31
N REDMOND INTCHGE. CONN. 2	119.12	119.17	5.31
THE DALLES-CALIFORNIA	272.22	272.22	5.31
OREGON COAST	235.71	236.04	5.31
OREGON-WASHINGTON	30.19	30.21	5.31
N REDMOND INTCHGE. CONN. 2	119.17	119.22	5.31
OREGON-WASHINGTON	-0.86	-0.77	5.31
THE DALLES-CALIFORNIA	272.54	272.56	5.31
THE DALLES-CALIFORNIA	272.41	272.64	5.31
THE DALLES-CALIFORNIA	272.64	272.76	5.31
OSWEGO	6.66	6.70	5.31
THE DALLES-CALIFORNIA	143.01	143.17	5.31
N REDMOND INTCHGE. CONN. 2	119.22	119.23	5.31
N REDMOND INTCHGE. CONN. 2	119.17	119.17	5.31
THE DALLES-CALIFORNIA	272.58	272.58	5.31
OREGON-WASHINGTON	26.63	26.76	5.31
THE DALLES-CALIFORNIA	272.03	272.05	5.31
THE DALLES-CALIFORNIA	272.57	272.58	5.31
N REDMOND INTCHGE. CONN. 2	119.23	119.24	5.31
SANTIAM	27.16	27.17	5.31
OREGON COAST	235.41	235.48	5.31
OREGON COAST	19.34	19.37	5.31
PENDLETON-JOHN DAY	3.00	3.61	5.31
OREGON COAST	4.51	4.72	5.31
MT. HOOD	15.45	15.57	5.31
TUALATIN VALLEY	0.05	0.08	5.31
TUALATIN VALLEY	18.14	18.56	5.31
SANTIAM	11.81	12.18	5.31
ALBANY-CORVALLIS	3.95	3.95	5.31
MT. HOOD	17.64	18.25	5.31
OREGON COAST	356.18	356.27	5.31
MT. HOOD	15.45	15.67	5.31
OREGON COAST	191.23	191.91	5.31
OREGON COAST	6.23	6.57	5.31
MCKENZIE-BEND	15.21	15.29	5.31
MT. HOOD	17.65	18.25	5.31
WALLOWA LAKE	2.62	2.66	5.31
BAKER-COPPERFIELD	1.31	1.57	5.31
WILLAMETTE	0.72	0.83	5.31

MCKENZIE-BEND	14.47	15.10	5.31
OREGON COAST	3.66	3.79	5.31
OREGON COAST	239.11	239.25	5.31
SANTIAM	27.11	27.13	5.31
MT. HOOD	18.45	18.99	5.31
OREGON COAST	143.31	143.43	5.31
OREGON COAST	7.53	7.53	5.31
MCKENZIE-BEND	15.30	15.43	5.31
WALLOWA LAKE	2.69	2.96	5.31
MCKENZIE-BEND	15.91	15.94	5.31
OREGON COAST	234.66	234.69	5.31
TUALATIN VALLEY	19.05	19.37	5.31
OREGON COAST	116.06	116.10	5.31
OREGON COAST	355.20	356.11	5.31
OREGON COAST	8.74	8.81	5.31
OREGON COAST	7.39	7.53	5.31
BAKER-COPPERFIELD	1.34	1.42	5.31
CORVALLIS-NEWPORT	1.02	1.06	5.31
MT. HOOD	18.45	18.97	5.31
OREGON COAST	352.80	354.30	5.31
KLAMATH FALLS-LAKEVIEW	5.68	6.15	5.31
OREGON COAST	3.54	3.66	5.31
OREGON COAST	191.05	191.19	5.31
ALBANY-CORVALLIS	3.13	3.45	5.31
WALLOWA LAKE	0.00	0.21	5.31
MT. HOOD	24.63	24.66	5.31
ALBANY-CORVALLIS	9.72	9.78	5.31
MCKENZIE-BEND	15.16	15.21	5.31
OREGON COAST	19.05	19.29	5.31
OREGON COAST	6.57	6.58	5.31
SANTIAM	12.26	12.29	5.31
BAKER-COPPERFIELD	1.27	1.30	5.31
REDWOOD	-0.01	0.02	5.31
SALMON RIVER	43.84	44.09	5.31
UMATILLA-STANFIELD	0.10	0.10	5.31
COOS BAY-ROSEBURG	76.92	76.96	5.31
SALMON RIVER	43.79	43.86	5.31
COOS BAY-ROSEBURG	76.66	76.67	5.31
KLAMATH FALLS-MALIN	-6.87	-6.72	5.31
SALMON RIVER	46.12	46.22	5.31
SALMON RIVER	43.86	43.88	5.31
UMATILLA-STANFIELD	5.59	5.67	5.31
PACIFIC HWY. WEST CONN.	44.27	44.31	5.31
OCHOCO	17.09	17.82	5.31
OCHOCO	0.46	0.63	5.31
SALMON RIVER	43.79	43.84	5.31
SALMON RIVER	43.60	43.79	5.31
KLAMATH FALLS-MALIN	-6.69	-6.68	5.31
FLORENCE-EUGENE	48.08	48.19	5.31
COOS BAY-ROSEBURG	76.67	76.92	5.31
UMATILLA-STANFIELD	0.04	0.10	5.31
SALMON RIVER	48.46	48.54	5.31
SALMON RIVER	45.06	45.17	5.31
COOS BAY-ROSEBURG	76.54	76.66	5.31
FLORENCE-EUGENE	46.31	46.62	5.31
KLAMATH FALLS-MALIN	-6.87	-6.87	5.31
UMATILLA-STANFIELD	10.90	10.98	5.31
SALMON RIVER	43.86	43.88	5.31
COOS BAY-ROSEBURG	71.73	72.41	5.31
SALMON RIVER	46.11	46.11	5.31
PACIFIC HIGHWAY WEST	24.06	24.18	5.31
LA GRANDE-BAKER	51.85	51.98	5.31
NE GLISAN ST. CONN. NO. 3	21.03	21.06	5.31
MISSION ST. CONN. NO. 1	6.30	6.33	5.31
PACIFIC HIGHWAY WEST	16.67	17.65	5.31
NE GLISAN ST. CONN. NO. 3	21.06	21.08	5.31
PACIFIC HIGHWAY WEST	15.59	15.64	5.31
PACIFIC HIGHWAY EAST	1.81	1.98	5.31
PACIFIC HIGHWAY WEST	26.46	26.49	5.31
NE GLISAN ST. CONN. NO. 3	21.08	21.09	5.31
PACIFIC HIGHWAY EAST	1.85	1.95	5.31
PACIFIC HIGHWAY WEST	79.15	79.66	5.31
MISSION ST. CONN. NO. 1	6.33	6.40	5.31
PACIFIC HIGHWAY EAST	3.08	3.18	5.31
PACIFIC HIGHWAY WEST	23.96	24.06	5.31
PACIFIC HIGHWAY EAST	3.09	3.18	5.31
PACIFIC HIGHWAY EAST	1.81	1.84	5.31

PACIFIC HIGHWAY WEST	78.35	78.36	5.31
LOWER COLUMBIA RIVER	48.84	48.89	5.31
LOWER COLUMBIA RIVER	48.84	48.87	5.31
LOWER COLUMBIA RIVER	48.87	49.80	5.31
LOWER COLUMBIA RIVER	94.62	94.67	5.31
CASCADE HWY SOUTH	0.87	1.92	5.31
LOWER COLUMBIA RIVER	99.05	99.13	5.31
NEHALEM	0.22	0.22	5.31
LOWER COLUMBIA RIVER	98.95	99.04	5.31
LOWER COLUMBIA RIVER	48.89	49.84	5.31
NORTH UMPQUA HIGHWAY EAST	-0.23	-0.21	5.31
HILLSBORO-SILVERTON	49.57	49.84	5.31
CLACKAMAS-BORING	5.32	5.44	5.31
OLDS FERRY-ONTARIO	26.94	27.18	5.31
CLACKAMAS-BORING	1.39	1.46	5.31
SOUTH KLAMATH FALLS	3.87	4.08	5.31
MCMINNVILLE SPUR	46.34	46.40	5.31
DALLAS-RICKREALL	1.15	1.30	5.31
CLACKAMAS-BORING	5.70	5.86	5.31
CLACKAMAS-BORING	5.28	5.32	5.31
CLACKAMAS-BORING	1.48	1.66	5.31
JACKSONVILLE	34.28	34.66	5.31
CLACKAMAS-BORING	7.11	7.46	5.31
CLACKAMAS-BORING	0.47	0.70	5.31
	1.89	1.99	5.31
CLACKAMAS-BORING	3.94	3.98	5.31
OLDS FERRY-ONTARIO	26.34	26.75	5.31
INDEPENDENCE	5.99	6.06	5.31
MCMINNVILLE SPUR	46.52	46.61	5.31
MCMINNVILLE SPUR	46.24	46.34	5.31
MOSIER-THE DALLES	18.94	18.95	5.31
CAPE ARAGO	1.81	1.93	5.31
OLDS FERRY-ONTARIO	27.34	27.57	5.31
MCMINNVILLE SPUR	46.27	46.47	5.31
MOSIER-THE DALLES	18.74	18.96	5.31
MCMINNVILLE SPUR	46.34	46.34	5.31
MCMINNVILLE SPUR	46.65	46.66	5.31
CLACKAMAS-BORING	4.20	5.18	5.31
CLACKAMAS-BORING	5.45	5.50	5.31
REDWOOD SPUR	1.75	1.89	5.31
CLACKAMAS-BORING	5.51	5.68	5.31
CORVALLIS-LEBANON	16.80	16.82	5.31
CLACKAMAS-BORING	5.94	6.76	5.31
OREGON COAST	355.20	356.11	5.31
COTTAGE GROVE CONN. NO. 1	174.17	174.19	5.3
THE DALLES-CALIFORNIA	115.71	115.79	5.3
THE DALLES-CALIFORNIA	93.06	93.12	5.3
OSWEGO	8.29	8.29	5.3
OSWEGO	10.62	10.66	5.3
OSWEGO	10.51	10.52	5.3
THE DALLES-CALIFORNIA	96.14	96.37	5.3
THE DALLES-CALIFORNIA	93.21	93.25	5.3
OSWEGO	9.82	9.91	5.3
THE DALLES-CALIFORNIA	96.04	96.14	5.3
CORVALLIS-NEWPORT	50.28	50.41	5.3
OREGON COAST	21.49	21.61	5.3
MCKENZIE	2.58	2.63	5.3
MT. HOOD	6.49	6.53	5.3
MT. HOOD	9.46	9.48	5.3
MCKENZIE	2.20	2.46	5.3
MT. HOOD	5.97	6.03	5.3
CORVALLIS-NEWPORT	50.13	50.20	5.3
SANTIAM	13.66	13.74	5.3
KLAMATH FALLS-LAKEVIEW	4.03	4.25	5.3
MT. HOOD	5.81	5.87	5.3
MT. HOOD	8.02	8.36	5.3
TUALATIN VALLEY	13.63	13.86	5.3
OREGON COAST	190.28	190.39	5.3
OREGON COAST	21.26	21.32	5.3
BAKER-COPPERFIELD	0.19	0.21	5.3
OREGON COAST	20.18	20.30	5.3
SANTIAM	13.75	14.01	5.3
MT. HOOD	7.45	7.78	5.3
SANTIAM	30.29	30.39	5.3
ALBANY-CORVALLIS	0.69	0.72	5.3
MT. HOOD	8.68	8.74	5.3
MT. HOOD	8.40	8.50	5.3

MT. HOOD	9.10	9.15	5.3
MCKENZIE	2.82	2.96	5.3
OREGON COAST	21.05	21.10	5.3
MT. HOOD	8.79	9.07	5.3
OREGON COAST	21.14	21.18	5.3
KLAMATH FALLS-LAKEVIEW	2.65	2.65	5.3
OREGON COAST	140.72	140.73	5.3
MT. HOOD	7.00	7.06	5.3
UMATILLA-STANFIELD	5.06	5.35	5.3
ALBANY-JUNCTION CITY	0.40	0.41	5.3
ALBANY-JUNCTION CITY	1.30	1.36	5.3
ROGUE RIVER	0.45	0.75	5.3
ROGUE RIVER	1.08	1.48	5.3
ALBANY-JUNCTION CITY	1.71	1.93	5.3
UMATILLA-STANFIELD	11.28	11.37	5.3
PACIFIC HIGHWAY EAST	22.05	22.29	5.3
SALEM	3.55	3.62	5.3
SALEM	4.74	4.80	5.3
PACIFIC HIGHWAY WEST	39.05	39.06	5.3
PACIFIC HIGHWAY EAST	31.13	31.70	5.3
SALEM	4.73	4.75	5.3
PACIFIC HIGHWAY WEST	3.85	3.86	5.3
SALEM	5.26	5.28	5.3
SALEM	3.41	3.64	5.3
PACIFIC HIGHWAY WEST	83.06	83.11	5.3
BELTLINE	1.96	2.01	5.3
PACIFIC HIGHWAY EAST	30.85	31.13	5.3
PACIFIC HIGHWAY WEST	2.02	2.07	5.3
SALEM	4.71	4.73	5.3
PACIFIC HIGHWAY WEST	10.41	10.43	5.3
SALEM	5.36	5.39	5.3
SALEM	5.09	5.10	5.3
SCHOLLS	9.20	9.21	5.3
SALEM-DAYTON	19.63	19.72	5.3
CASCADE HWY SOUTH	3.93	4.00	5.3
CASCADE HWY SOUTH	4.00	4.01	5.3
SALEM-DAYTON	19.90	19.98	5.3
BEAVERTON-TUALATIN	2.58	2.58	5.3
SCHOLLS	9.16	9.20	5.3
LOWER COLUMBIA RIVER	98.60	98.62	5.3
DALLAS-RICKREALL	0.15	0.26	5.3
CAPE ARAGO	1.83	1.87	5.3
INDEPENDENCE	5.58	5.59	5.3
ONTARIO SPUR	27.37	27.39	5.3
DALLAS-RICKREALL	0.15	0.26	5.3
ROGUE RIVER	0.45	0.75	5.3
OSWEGO	9.66	9.69	5.29
OSWEGO	9.77	9.78	5.29
WILLAMINA-SALEM	26.05	26.06	5.29
FRONT ST. CONN. NO. 2	26.04	26.05	5.29
WILLAMINA-SALEM	25.95	25.97	5.29
WILLAMINA-SALEM	26.06	26.14	5.29
WILLAMINA-SALEM	26.04	26.05	5.29
OREGON COAST	21.74	21.75	5.29
WILLAMINA-SALEM	26.03	26.07	5.29
WILLAMINA-SALEM	25.97	26.04	5.29
WILLAMINA-SALEM	23.98	24.06	5.29
WILLAMINA-SALEM	25.81	25.85	5.29
FLORENCE-EUGENE	0.08	0.11	5.29
FLORENCE-EUGENE	0.02	0.08	5.29
	4.22	4.25	5.29
	4.22	4.22	5.29
	4.18	4.22	5.29
	4.51	4.80	5.29
SALEM	1.54	1.86	5.29
	4.25	4.27	5.29
	4.25	4.25	5.29
PACIFIC HIGHWAY EAST	29.31	29.54	5.29
PACIFIC HIGHWAY EAST	25.56	25.59	5.29
	5.94	6.15	5.29
SALEM	1.21	1.51	5.29
SALEM	2.32	2.58	5.29
PACIFIC HIGHWAY EAST	28.90	29.02	5.29
SALEM	8.44	8.48	5.29
NORTH SANTIAM	1.89	2.03	5.29
NORTH SANTIAM	1.61	1.74	5.29
NORTH SANTIAM	2.03	2.07	5.29

LOWER COLUMBIA RIVER	1.87	1.97	5.29
CLACKAMAS	3.65	3.96	5.29
CLACKAMAS	0.50	0.53	5.29
NORTH SANTIAM	1.74	1.77	5.29
CLACKAMAS	1.37	2.00	5.29
NORTH SANTIAM	2.07	2.22	5.29
CLACKAMAS	2.59	2.67	5.29
SCHOLLS	9.22	9.32	5.29
CLACKAMAS	0.98	1.32	5.29
CLACKAMAS	1.32	1.37	5.29
CASCADE HWY SOUTH	14.51	14.53	5.29
NORTH SANTIAM	1.77	1.89	5.29
COOS RIVER	0.04	0.08	5.29
COOS RIVER	0.12	0.19	5.29
COOS RIVER	0.08	0.12	5.29
COOS RIVER	0.00	0.04	5.29
S MEDFORD CONN. NO. 3	26.76	26.79	5.28
OSWEGO	10.25	10.31	5.28
OSWEGO	9.11	9.43	5.28
OSWEGO	8.80	8.90	5.28
OSWEGO	10.31	10.45	5.28
OSWEGO	7.50	7.63	5.28
OSWEGO	3.65	3.67	5.28
OREGON-WASHINGTON	-1.77	-1.71	5.28
OSWEGO	8.31	8.43	5.28
OSWEGO	9.44	9.57	5.28
OSWEGO	6.82	7.47	5.28
OSWEGO	10.92	10.93	5.28
OSWEGO	2.73	2.74	5.28
OSWEGO	10.96	10.99	5.28
OREGON-WASHINGTON	-1.75	-1.60	5.28
OSWEGO	5.68	5.72	5.28
OSWEGO	10.84	10.91	5.28
OSWEGO	8.03	8.09	5.28
OSWEGO	3.79	5.35	5.28
SANTIAM	0.11	0.12	5.28
TUALATIN VALLEY	0.15	0.22	5.28
SANTIAM	0.11	0.12	5.28
MT. HOOD	6.64	6.71	5.28
TUALATIN VALLEY	2.94	3.18	5.28
SANTIAM	-0.03	0.12	5.28
OREGON COAST	6.59	7.04	5.28
TUALATIN VALLEY	2.90	2.94	5.28
SANTIAM	-0.04	0.04	5.28
SANTIAM	0.11	0.12	5.28
SANTIAM	0.11	0.12	5.28
KLAMATH FALLS-LAKEVIEW	5.54	5.55	5.28
TUALATIN VALLEY	2.85	2.90	5.28
SANTIAM	0.11	0.12	5.28
OREGON COAST	20.40	20.44	5.28
WILLAMETTE	0.36	0.44	5.28
CRATER LAKE	0.10	0.12	5.28
SANTIAM	0.11	0.12	5.28
SANTIAM	0.11	0.12	5.28
SANTIAM	0.11	0.12	5.28
WILLAMETTE	0.25	0.30	5.28
REDWOOD	-2.58	-2.55	5.28
SANTIAM	0.11	0.12	5.28
OREGON COAST	142.61	142.71	5.28
TUALATIN VALLEY	2.85	2.89	5.28
KLAMATH FALLS-LAKEVIEW	5.55	5.60	5.28
SANTIAM	0.04	0.04	5.28
SANTIAM	0.11	0.12	5.28
OREGON COAST	116.41	116.43	5.28
SANTIAM	0.11	0.12	5.28
TUALATIN VALLEY	-0.11	-0.08	5.28
SANTIAM	0.11	0.12	5.28
TUALATIN VALLEY	2.81	2.85	5.28
MCKENZIE-BEND	17.96	18.10	5.28
CORVALLIS-NEWPORT	51.33	51.38	5.28
MCKENZIE-BEND	18.16	18.18	5.28
TUALATIN VALLEY	2.94	3.18	5.28
SANTIAM	0.11	0.12	5.28
SANTIAM	0.11	0.12	5.28
SANTIAM	0.11	0.12	5.28
TUALATIN VALLEY	16.10	16.13	5.28
SANTIAM	0.11	0.12	5.28

SANTIAM	0.11	0.12	5.28
MCKENZIE	1.26	1.36	5.28
TUALATIN VALLEY	0.09	0.15	5.28
MT. HOOD	9.22	9.27	5.28
SANTIAM	0.11	0.12	5.28
TUALATIN VALLEY	17.17	17.22	5.28
MCKENZIE	1.39	1.50	5.28
TUALATIN VALLEY	2.81	2.85	5.28
SANTIAM	0.11	0.12	5.28
SANTIAM	0.11	0.12	5.28
WILLAMETTE	0.00	0.10	5.28
CRATER LAKE	0.12	0.25	5.28
MT. HOOD	9.48	9.61	5.28
SANTIAM	0.11	0.12	5.28
SANTIAM	0.11	0.12	5.28
OREGON COAST	187.68	188.01	5.28
MCKENZIE	1.82	1.89	5.28
MT. HOOD	9.76	9.93	5.28
TUALATIN VALLEY	2.90	2.94	5.28
SANTIAM	0.11	0.12	5.28
MCKENZIE	-0.32	-0.16	5.28
GREEN SPRINGS	1.28	1.30	5.28
TUALATIN VALLEY	0.15	0.15	5.28
WILLAMINA-SALEM	21.85	21.96	5.28
TUALATIN VALLEY	17.18	17.22	5.28
PENDLETON-JOHN DAY	2.51	2.93	5.28
TUALATIN VALLEY	2.90	2.90	5.28
SANTIAM	0.11	0.12	5.28
CRATER LAKE	7.83	7.87	5.28
ALBANY-CORVALLIS	0.74	0.92	5.28
MCKENZIE-BEND	18.11	18.16	5.28
SANTIAM	0.11	0.12	5.28
SANTIAM	0.11	0.12	5.28
OREGON COAST	357.23	357.33	5.28
CRATER LAKE	7.49	7.64	5.28
TUALATIN VALLEY	2.89	2.90	5.28
CORVALLIS-NEWPORT	50.72	50.79	5.28
CRATER LAKE	7.83	7.87	5.28
SANTIAM	0.11	0.12	5.28
MT. HOOD	7.21	7.25	5.28
SANTIAM	0.11	0.12	5.28
CRATER LAKE	7.49	7.64	5.28
TUALATIN VALLEY	0.22	0.23	5.28
MCKENZIE	1.96	2.07	5.28
SANTIAM	0.11	0.12	5.28
SANTIAM	0.11	0.12	5.28
SANTIAM	0.09	0.12	5.28
MT. HOOD	5.69	5.73	5.28
CRATER LAKE	0.31	0.36	5.28
WILLAMINA-SALEM	21.77	21.78	5.28
WILSON RIVER	1.68	2.02	5.28
ALBANY-JUNCTION CITY	1.39	1.42	5.28
ROGUE RIVER	2.46	2.59	5.28
PENDLETON-COLD SPRINGS	30.34	30.66	5.28
KLAMATH FALLS-MALIN	0.07	0.11	5.28
COOS BAY-ROSEBURG	72.53	72.63	5.28
WILSON RIVER	0.88	1.66	5.28
COOS BAY-ROSEBURG	76.53	76.54	5.28
OCHOCO	17.92	18.02	5.28
ALBANY-JUNCTION CITY	0.36	0.37	5.28
COOS BAY-ROSEBURG	76.53	76.54	5.28
ALBANY-JUNCTION CITY	1.36	1.40	5.28
UMATILLA-STANFIELD	5.87	5.91	5.28
KLAMATH FALLS-MALIN	0.00	0.07	5.28
PACIFIC HIGHWAY WEST	10.95	11.12	5.28
PACIFIC HIGHWAY WEST	75.02	75.18	5.28
PACIFIC HIGHWAY WEST	4.22	4.35	5.28
PACIFIC HIGHWAY EAST	1.49	1.49	5.28
PACIFIC HIGHWAY WEST	4.22	4.34	5.28
LA GRANDE-BAKER	50.00	50.02	5.28
PACIFIC HIGHWAY WEST	82.64	82.98	5.28
PACIFIC HIGHWAY EAST	2.69	2.87	5.28
PACIFIC HIGHWAY WEST	15.13	15.35	5.28
PACIFIC HIGHWAY WEST	125.48	125.51	5.28
PACIFIC HIGHWAY WEST	14.85	14.93	5.28
PACIFIC HIGHWAY WEST	11.65	11.87	5.28
PACIFIC HIGHWAY WEST	125.48	125.69	5.28

PACIFIC HIGHWAY WEST	1.97	2.01	5.28
PACIFIC HIGHWAY WEST	14.96	15.35	5.28
PACIFIC HIGHWAY WEST	2.10	2.20	5.28
PACIFIC HIGHWAY EAST	1.47	1.49	5.28
PACIFIC HIGHWAY WEST	125.51	125.67	5.28
PACIFIC HIGHWAY WEST	82.64	82.91	5.28
PACIFIC HIGHWAY WEST	14.85	14.91	5.28
LA GRANDE-BAKER	50.02	50.04	5.28
PACIFIC HIGHWAY WEST	12.26	12.29	5.28
PACIFIC HIGHWAY WEST	3.94	4.18	5.28
PACIFIC HIGHWAY WEST	4.21	4.22	5.28
PACIFIC HIGHWAY WEST	3.91	4.22	5.28
PACIFIC HIGHWAY WEST	14.99	15.13	5.28
PACIFIC HIGHWAY WEST	11.07	11.12	5.28
PACIFIC HIGHWAY EAST	1.45	1.49	5.28
PACIFIC HIGHWAY WEST	1.94	2.04	5.28
PACIFIC HIGHWAY WEST	11.88	12.03	5.28
PACIFIC HIGHWAY WEST	75.18	75.70	5.28
PACIFIC HIGHWAY EAST	4.87	4.99	5.28
PACIFIC HIGHWAY WEST	38.11	38.23	5.28
PACIFIC HIGHWAY WEST	39.24	39.28	5.28
PACIFIC HIGHWAY WEST	11.70	12.10	5.28
PACIFIC HIGHWAY WEST	15.35	15.55	5.28
PACIFIC HIGHWAY WEST	15.35	15.59	5.28
PACIFIC HIGHWAY EAST	1.45	1.47	5.28
PACIFIC HIGHWAY WEST	4.18	4.21	5.28
SALEM	5.27	5.43	5.28
CASCADE HWY SOUTH	15.21	15.72	5.28
WARRENTON-ASTORIA	2.13	2.16	5.28
WOODBURN-ESTACADA	11.54	11.67	5.28
SALEM-DAYTON	18.37	19.03	5.28
WOODBURN-ESTACADA	12.42	12.51	5.28
SALEM-DAYTON	19.47	19.58	5.28
NORTHEAST PORTLAND	13.18	13.20	5.28
NEHALEM	88.85	88.93	5.28
CASCADE HWY SOUTH	3.75	3.82	5.28
SALEM-DAYTON	19.77	19.87	5.28
WOODBURN-ESTACADA	12.31	12.35	5.28
NORTHEAST PORTLAND	12.76	12.99	5.28
WARRENTON-ASTORIA	2.47	2.47	5.28
HILLSBORO-SILVERTON	20.69	20.73	5.28
SALEM-DAYTON	19.99	20.13	5.28
CLACKAMAS	8.73	9.25	5.28
HILLSBORO-SILVERTON	39.46	39.60	5.28
NORTHEAST PORTLAND	12.25	12.45	5.28
NORTHEAST PORTLAND	12.51	12.70	5.28
WOODBURN-ESTACADA	0.09	0.19	5.28
NORTHEAST PORTLAND	3.66	3.75	5.28
CASCADE HWY SOUTH	3.71	3.81	5.28
NORTHEAST PORTLAND	12.47	12.51	5.28
LOWER COLUMBIA RIVER	96.49	96.57	5.28
CASCADE HWY SOUTH	0.62	0.63	5.28
HILLSBORO-SILVERTON	37.93	38.62	5.28
WARRENTON-ASTORIA	7.11	7.13	5.28
CASCADE HWY SOUTH	0.84	0.87	5.28
NORTHEAST PORTLAND	13.45	13.54	5.28
SALEM-DAYTON	19.61	19.65	5.28
WOODBURN-ESTACADA	11.88	12.16	5.28
NORTHEAST PORTLAND	13.23	13.25	5.28
NORTHEAST PORTLAND	14.66	14.76	5.28
SALEM-DAYTON	18.35	18.40	5.28
FARMINGTON	5.96	5.97	5.28
CLACKAMAS	9.41	10.07	5.28
SALEM-DAYTON	19.39	19.43	5.28
WOODBURN-ESTACADA	11.39	11.40	5.28
HILLSBORO-SILVERTON	18.73	18.97	5.28
MCVAY	2.21	2.24	5.28
SPRINGFIELD	1.07	1.13	5.28
GOSHEN-DIVIDE	15.30	15.31	5.28
SPRINGFIELD	0.63	1.01	5.28
COOS RIVER	0.24	0.49	5.28
SPRINGFIELD	0.36	0.63	5.28
EAGLE CREEK-SANDY	5.61	5.85	5.28
HERMISTON	6.67	6.71	5.28
EAGLE CREEK-SANDY	5.49	5.59	5.28
GOSHEN-DIVIDE	15.40	15.76	5.28
SPRINGFIELD	0.65	1.01	5.28

HOOD RIVER	1.24	1.27	5.28
MCVAY	1.73	2.19	5.28
EAGLE CREEK-SANDY	5.30	5.37	5.28
SPRINGFIELD	0.13	0.34	5.28
CAPE ARAGO	0.35	0.41	5.28
MCVAY	2.19	2.21	5.28
OREGON COAST	187.68	188.01	5.28
N ASHLAND CONN. NO. 2	18.74	18.87	5.27
N ASHLAND CONN. NO. 2	18.88	19.00	5.27
CENTRAL OREGON	0.51	0.69	5.27
WALLOWA LAKE	0.39	0.40	5.27
TUALATIN VALLEY	20.37	20.39	5.27
SANTIAM	12.19	12.25	5.27
OREGON COAST	190.03	190.11	5.27
TUALATIN VALLEY	21.96	21.97	5.27
CRATER LAKE	10.10	10.19	5.27
WALLOWA LAKE	0.22	0.24	5.27
OREGON COAST	192.19	192.21	5.27
OREGON COAST	65.54	65.55	5.27
WALLOWA LAKE	0.28	0.33	5.27
TUALATIN VALLEY	21.55	21.60	5.27
WILSONVILLE-HUBBARD	-0.31	-0.24	5.27
WILSONVILLE-HUBBARD	-0.24	-0.23	5.27
ROGUE RIVER	3.44	4.02	5.27
COOS BAY-ROSEBURG	73.42	73.47	5.27
FLORENCE-EUGENE	0.30	0.35	5.27
FLORENCE-EUGENE	0.21	0.24	5.27
FLORENCE-EUGENE	0.16	0.18	5.27
ROGUE RIVER	2.81	2.96	5.27
OCHOCO	20.09	20.53	5.27
WILSONVILLE-HUBBARD	-0.31	-0.26	5.27
OCHOCO	0.39	0.44	5.27
WILSONVILLE-HUBBARD	-0.26	-0.23	5.27
PACIFIC HIGHWAY WEST	84.31	84.33	5.27
PACIFIC HIGHWAY EAST	25.30	25.39	5.27
PACIFIC HIGHWAY EAST	15.13	15.25	5.27
PACIFIC HIGHWAY EAST	14.23	14.47	5.27
BELTLINE	2.36	2.38	5.27
PACIFIC HIGHWAY EAST	29.54	29.81	5.27
PACIFIC HIGHWAY EAST	29.88	29.98	5.27
PACIFIC HIGHWAY WEST	84.39	84.49	5.27
PACIFIC HIGHWAY WEST	123.30	123.31	5.27
PACIFIC HIGHWAY WEST	123.32	123.33	5.27
PACIFIC HIGHWAY EAST	25.70	25.71	5.27
PACIFIC HIGHWAY WEST	125.85	125.93	5.27
SALEM-DAYTON	17.82	17.84	5.27
NEHALEM	0.22	0.22	5.27
CASCADE HWY SOUTH	13.78	14.01	5.27
NORTH UMPQUA HIGHWAY EAST	-0.80	-0.78	5.27
BEAVERTON-TUALATIN	13.08	13.14	5.27
CLACKAMAS	13.63	13.91	5.27
CLACKAMAS	10.41	10.52	5.27
LOWER COLUMBIA RIVER	98.41	98.50	5.27
CLACKAMAS	8.16	8.21	5.27
CASCADE HWY SOUTH	14.21	14.38	5.27
CASCADE HWY SOUTH	28.99	28.99	5.27
WOODBURN-ESTACADA	11.11	11.20	5.27
CASCADE HWY SOUTH	14.39	14.44	5.27
CLACKAMAS	8.19	8.22	5.27
CLACKAMAS	8.22	8.32	5.27
CASCADE HWY SOUTH	28.82	28.93	5.27
NORTH UMPQUA HIGHWAY EAST	-0.78	-0.76	5.27
HERMISTON	9.20	9.20	5.27
HERMISTON	8.71	8.83	5.27
MCVAY	1.01	1.30	5.27
MCVAY	0.97	0.98	5.27
CORVALLIS-LEBANON	17.20	17.26	5.27
HERMISTON	9.34	9.42	5.27
JACKSONVILLE	32.95	33.01	5.27
HOOD RIVER	1.94	2.09	5.27
HERMISTON	8.84	8.89	5.27
HOOD RIVER	2.67	2.70	5.27
JACKSONVILLE	1.69	1.83	5.27
CLACKAMAS-BORING	7.06	7.07	5.27
HOOD RIVER	1.42	1.45	5.27
HERMISTON	9.07	9.11	5.27
MCVAY	1.30	1.40	5.27

THE DALLES-CALIFORNIA	124.69	124.72	5.26
OREGON COAST	190.16	190.23	5.26
OREGON COAST	190.23	190.27	5.26
OREGON COAST	190.13	190.16	5.26
ALSEA	58.54	58.54	5.26
ROGUE RIVER	8.05	8.31	5.26
ROGUE RIVER	3.27	3.31	5.26
ROGUE RIVER	12.80	14.50	5.26
ROGUE RIVER	5.98	6.79	5.26
ROGUE RIVER	5.16	5.23	5.26
ROGUE RIVER	3.18	3.19	5.26
ROGUE RIVER	3.01	3.10	5.26
ROGUE RIVER	11.43	11.86	5.26
LOWER COLUMBIA RIVER	47.34	47.35	5.26
SILVER CREEK FALLS	39.26	39.39	5.26
WARRENTON-ASTORIA	4.88	4.97	5.26
MADRAS-PRINEVILLE	25.35	25.45	5.26
JACKSONVILLE	4.30	4.54	5.26
JACKSONVILLE	4.79	4.91	5.26
CHEMAWA RD. CONN. NO. 2	260.23	260.26	5.25
CHEMAWA RD. CONN. NO. 2	260.19	260.21	5.25
CENTRAL POINT CONN. NO. 2	32.87	32.91	5.25
CHEMAWA RD. CONN. NO. 2	260.21	260.23	5.25
CENTRAL POINT CONN. NO. 2	32.73	32.76	5.25
CENTRAL POINT CONN. NO. 2	32.76	32.87	5.25
CENTRAL POINT CONN. NO. 2	32.68	32.73	5.25
CHEMAWA RD. CONN. NO. 2	259.90	260.00	5.25
UPPER BOONES FERRY RD CN 2	291.35	291.36	5.25
UPPER BOONES FERRY RD CN 2	291.36	291.40	5.25
OREGON COAST	237.95	238.03	5.25
OSWEGO	6.76	6.80	5.25
OREGON-WASHINGTON	-0.02	0.00	5.25
OREGON COAST	65.72	65.77	5.25
TROUTDALE CONN. NO. 4	17.27	17.32	5.25
OREGON-WASHINGTON	-0.31	-0.10	5.25
OREGON COAST	65.77	66.25	5.25
OSWEGO	6.71	6.73	5.25
E PENDLETON CONN. NO. 3	0.05	0.12	5.25
REVERE AVE. CONN. NO. 2	137.20	137.22	5.25
OREGON-WASHINGTON	-0.70	-0.68	5.25
OREGON COAST	65.64	65.68	5.25
OREGON-WASHINGTON	-0.72	-0.70	5.25
BAKER-COPPERFIELD	2.66	2.69	5.25
BAKER-COPPERFIELD	2.60	2.66	5.25
OREGON COAST	113.72	113.74	5.25
REDWOOD	0.02	0.03	5.25
SANTIAM	13.27	13.55	5.25
OREGON COAST	113.52	113.57	5.25
OREGON COAST	113.14	113.18	5.25
OREGON COAST	189.43	189.44	5.25
CRATER LAKE	10.21	10.29	5.25
SANTIAM	13.26	13.41	5.25
CORVALLIS-NEWPORT	50.89	50.99	5.25
REDWOOD	-1.12	-1.08	5.25
TUALATIN VALLEY	12.36	12.37	5.25
SANTIAM	12.65	12.66	5.25
REDWOOD	0.12	0.20	5.25
OREGON COAST	113.26	113.29	5.25
OREGON COAST	113.02	113.02	5.25
TUALATIN VALLEY	22.31	22.32	5.25
OREGON COAST	113.36	113.52	5.25
MCKENZIE	111.64	111.81	5.25
WALLOWA LAKE	1.94	1.99	5.25
BAKER-COPPERFIELD	2.69	2.75	5.25
OREGON COAST	189.85	189.97	5.25
SANTIAM	27.35	27.72	5.25
REDWOOD	-1.03	-0.75	5.25
OREGON COAST	65.74	66.24	5.25
CORVALLIS-NEWPORT	51.12	51.20	5.25
BAKER-COPPERFIELD	2.18	2.41	5.25
SANTIAM	27.35	27.72	5.25
SANTIAM	12.80	12.86	5.25
BAKER-COPPERFIELD	2.32	2.60	5.25
SANTIAM	13.42	13.73	5.25
MCKENZIE	2.01	2.04	5.25
CORVALLIS-NEWPORT	0.00	0.09	5.25
CORVALLIS-NEWPORT	0.49	0.52	5.25

GOSHEN CONN. NO. 2	0.28	0.29	5.25
OREGON COAST	238.01	238.05	5.25
BIDDLE RD. CONN. NO. 1	0.61	0.62	5.25
BIDDLE RD. CONN. NO. 1	0.62	0.70	5.25
REDWOOD	-0.69	-0.28	5.25
ALBANY-CORVALLIS	0.10	0.15	5.25
OREGON COAST	113.59	113.72	5.25
MT. HOOD	23.86	23.87	5.25
ROGUE VALLEY	18.69	18.93	5.25
MURRAY BLVD. CONN. NO. 1	67.13	67.18	5.25
185TH AVE. CONN. NO. 2	64.23	64.24	5.25
ROGUE VALLEY	11.03	11.11	5.25
PACIFIC HWY. WEST CONN.	44.42	44.46	5.25
BEAVERTON-HILLSDALE	1.01	1.05	5.25
ROGUE RIVER	8.95	9.18	5.25
ROGUE RIVER	0.21	0.21	5.25
MONMOUTH-INDEPENDENCE	2.03	2.17	5.25
MURRAY BLVD. CONN. NO. 1	67.22	67.24	5.25
ALBANY-JUNCTION CITY	8.81	9.68	5.25
ROGUE RIVER	0.21	0.21	5.25
BEAVERTON-HILLSDALE	1.05	1.09	5.25
MURRAY BLVD. CONN. NO. 1	67.18	67.22	5.25
BEAVERTON-HILLSDALE	1.01	1.01	5.25
ROGUE RIVER	0.13	0.21	5.25
ROGUE VALLEY	22.39	22.48	5.25
ROGUE VALLEY	11.11	11.15	5.25
ALBANY-JUNCTION CITY	32.11	32.31	5.25
ROGUE VALLEY	11.15	11.25	5.25
BEAVERTON-HILLSDALE	0.97	1.01	5.25
ALBANY-JUNCTION CITY	8.37	8.70	5.25
MURRAY BLVD. CONN. NO. 1	67.24	67.28	5.25
COOS BAY-ROSEBURG	73.32	73.37	5.25
SALEM	3.32	3.34	5.25
LA GRANDE-BAKER	1.25	1.65	5.25
PENDLETON	3.82	3.89	5.25
SALEM	2.59	2.61	5.25
PACIFIC HIGHWAY WEST	109.63	109.76	5.25
PACIFIC HIGHWAY EAST	43.19	43.54	5.25
PACIFIC HIGHWAY WEST	122.24	122.26	5.25
PACIFIC HIGHWAY WEST	25.96	26.30	5.25
PACIFIC HIGHWAY WEST	32.18	32.57	5.25
PACIFIC HIGHWAY WEST	37.59	37.75	5.25
PACIFIC HIGHWAY EAST	6.23	6.30	5.25
LA GRANDE-BAKER	52.77	52.95	5.25
PARK PLACE FRONTAGE RD.	10.25	10.25	5.25
PACIFIC HIGHWAY EAST	42.77	42.83	5.25
PACIFIC HIGHWAY WEST	83.71	83.78	5.25
PACIFIC HIGHWAY WEST	37.12	37.47	5.25
PACIFIC HIGHWAY WEST	108.64	108.68	5.25
PACIFIC HIGHWAY WEST	122.92	123.08	5.25
LA GRANDE-BAKER	1.78	1.84	5.25
LA GRANDE-BAKER	1.91	2.19	5.25
PACIFIC HIGHWAY EAST	43.18	43.19	5.25
PACIFIC HIGHWAY WEST	83.42	83.56	5.25
PARK PLACE FRONTAGE RD.	10.24	10.25	5.25
PACIFIC HIGHWAY WEST	109.78	109.84	5.25
PACIFIC HIGHWAY WEST	122.22	122.54	5.25
PACIFIC HIGHWAY WEST	63.17	63.32	5.25
PACIFIC HIGHWAY WEST	83.49	83.56	5.25
SALEM	5.64	5.65	5.25
DIVISION&POWELL CONN. #4	19.67	19.67	5.25
LA GRANDE-BAKER	51.99	52.04	5.25
PACIFIC HIGHWAY EAST	5.93	5.94	5.25
PACIFIC HIGHWAY WEST	37.72	37.78	5.25
PACIFIC HIGHWAY WEST	63.53	63.57	5.25
PENDLETON	2.64	3.80	5.25
SALEM	4.60	4.72	5.25
PARK PLACE FRONTAGE RD.	10.25	10.25	5.25
PARK PLACE FRONTAGE RD.	10.25	10.25	5.25
LA GRANDE-BAKER	2.19	2.50	5.25
PARK PLACE FRONTAGE RD.	10.25	10.25	5.25
PACIFIC HIGHWAY WEST	23.78	23.81	5.25
PACIFIC HIGHWAY WEST	23.86	23.96	5.25
PENDLETON	2.78	3.37	5.25
SALEM	7.92	7.94	5.25
PARK PLACE FRONTAGE RD.	10.25	10.31	5.25
PACIFIC HIGHWAY WEST	37.06	37.31	5.25

PACIFIC HIGHWAY WEST	122.48	122.82	5.25
PACIFIC HIGHWAY EAST	42.21	42.73	5.25
DIVISION&POWELL CONN. #4	19.62	19.67	5.25
PACIFIC HIGHWAY WEST	108.50	108.64	5.25
DIVISION&POWELL CONN. #4	19.60	19.62	5.25
PACIFIC HIGHWAY EAST	14.86	15.01	5.25
PACIFIC HIGHWAY WEST	23.86	23.89	5.25
PACIFIC HIGHWAY EAST	13.79	14.17	5.25
PARK PLACE FRONTAGE RD.	10.18	10.24	5.25
PACIFIC HIGHWAY WEST	123.10	123.24	5.25
MISSION ST. CONN. NO. 3	6.23	6.24	5.25
PACIFIC HIGHWAY EAST	5.73	5.88	5.25
PACIFIC HIGHWAY WEST	83.64	84.07	5.25
PACIFIC HIGHWAY EAST	43.01	43.10	5.25
PENDLETON	3.42	3.80	5.25
PACIFIC HIGHWAY WEST	83.86	84.00	5.25
WILLAMINA-SALEM HWY CONN.	4.73	4.79	5.25
PACIFIC HIGHWAY WEST	37.36	37.61	5.25
WARRENTON-ASTORIA	5.73	6.10	5.25
HILLSBORO-SILVERTON	36.83	36.84	5.25
HILLSBORO-SILVERTON	50.50	50.64	5.25
HILLSBORO-SILVERTON	36.82	36.83	5.25
ALLEN BLVD. CONN. NO. 2	2.22	2.28	5.25
HILLSBORO-SILVERTON	36.83	36.86	5.25
NORTHEAST PORTLAND	11.55	11.80	5.25
ALLEN BLVD. CONN. NO. 2	2.28	2.44	5.25
NORTHEAST PORTLAND	11.40	11.45	5.25
WARRENTON-ASTORIA	1.59	1.63	5.25
CASCADE HWY SOUTH	15.73	15.84	5.25
SALEM-DAYTON	0.19	0.25	5.25
HILLSBORO-SILVERTON	36.80	36.82	5.25
NORTH UMPQUA HIGHWAY EAST	-0.90	-0.90	5.25
CASCADE HWY SOUTH	6.43	6.74	5.25
WARRENTON-ASTORIA	6.94	6.95	5.25
HILLSBORO-SILVERTON	18.12	18.16	5.25
CASCADE HWY SOUTH	6.05	6.38	5.25
HILLSBORO-SILVERTON	37.27	37.44	5.25
HILLSBORO-SILVERTON	36.79	36.80	5.25
NORTH UMPQUA HIGHWAY EAST	-0.93	-0.90	5.25
NORTH UMPQUA HIGHWAY EAST	-0.90	-0.89	5.25
HILLSBORO-SILVERTON	36.83	36.84	5.25
HILLSBORO-SILVERTON	17.96	18.06	5.25
WARRENTON-ASTORIA	1.82	1.84	5.25
SALEM-DAYTON	0.18	0.19	5.25
HILLSBORO-SILVERTON	36.83	36.84	5.25
WARRENTON-ASTORIA	1.30	1.47	5.25
HILLSBORO-SILVERTON	37.14	37.27	5.25
HILLSBORO-SILVERTON	50.68	50.71	5.25
WARRENTON-ASTORIA	1.66	1.82	5.25
WARRENTON-ASTORIA	5.36	5.70	5.25
LOWER COLUMBIA RIVER	98.33	98.34	5.25
PINE ST. CONN. NO. 2	0.23	0.24	5.25
JEFFERSON	6.24	6.40	5.25
WARRENTON-ASTORIA	2.60	2.69	5.25
COBURG RD. CONN. NO. 1	2.12	2.14	5.25
COBURG RD. CONN. NO. 1	1.94	1.96	5.25
KINGS VALLEY	3.09	3.26	5.25
COBURG RD. CONN. NO. 1	2.14	2.16	5.25
COBURG RD. CONN. NO. 1	2.10	2.10	5.25
COOS RIVER	0.61	0.70	5.25
MCVAY	2.30	2.31	5.25
MOHAWK INTCHG. CONN. NO. 2	6.24	6.29	5.25
JACKSONVILLE	0.00	0.01	5.25
HERMISTON	8.99	9.07	5.25
SPRINGFIELD	0.00	0.08	5.25
KINGS VALLEY	3.40	3.54	5.25
MOHAWK INTCHG. CONN. NO. 2	6.23	6.24	5.25
KINGS VALLEY	3.75	3.76	5.25
KINGS VALLEY	2.99	3.45	5.25
HERMISTON	9.11	9.12	5.25
HERMISTON	8.93	8.93	5.25
O NEIL	16.98	17.45	5.25
COBURG RD. CONN. NO. 1	1.91	1.94	5.25
COOS RIVER	0.52	0.59	5.25
HERMISTON	8.95	8.96	5.25
MOSIER-THE DALLES	18.96	19.10	5.25
JACKSONVILLE	5.08	5.81	5.25

CAPE ARAGO	1.70	1.81	5.25
HERMISTON	9.67	9.84	5.25
HOOD RIVER	3.16	3.23	5.25
COBURG RD. CONN. NO. 1	1.86	1.91	5.25
KINGS VALLEY	3.77	4.27	5.25
CORVALLIS-LEBANON	16.93	17.08	5.25
ELKTON-SUTHERLIN	23.89	23.91	5.25
MOHAWK INTCHG. CONN. NO. 2	6.18	6.23	5.25
JACKSONVILLE	5.88	5.92	5.25
KINGS VALLEY	4.33	4.36	5.25
MCVAY	2.42	2.53	5.25
WEISER SPUR	13.06	13.42	5.25
WEISER SPUR	13.49	13.66	5.25
WALLOWA LAKE	2.24	2.34	5.24
OREGON COAST	3.96	4.14	5.24
ROGUE VALLEY	19.05	19.28	5.24
ROGUE VALLEY	19.12	19.15	5.24
COOS BAY-ROSEBURG	73.56	73.69	5.24
ROGUE VALLEY	21.47	21.48	5.24
ROGUE VALLEY	21.24	21.28	5.24
ROGUE VALLEY	21.01	21.04	5.24
PACIFIC HIGHWAY EAST	41.06	41.10	5.24
PACIFIC HIGHWAY WEST	108.97	108.98	5.24
LA GRANDE-BAKER	50.91	50.98	5.24
PACIFIC HIGHWAY WEST	108.85	108.87	5.24
LOWER COLUMBIA RIVER	46.73	46.90	5.24
BEAVERTON-TUALATIN	6.07	6.23	5.24
HILLSBORO-SILVERTON	18.52	18.56	5.24
HILLSBORO-SILVERTON	19.39	19.75	5.24
BEAVERTON-TUALATIN	5.87	5.90	5.24
LOWER COLUMBIA RIVER	99.31	99.34	5.24
ROGUE RIVER LOOP	1.31	1.41	5.24
SAMS VALLEY	1.81	2.14	5.24
ROGUE RIVER LOOP	1.60	1.66	5.24
CAPE ARAGO	4.49	4.55	5.24
PACIFIC	299.56	299.58	5.23
PACIFIC	294.05	294.87	5.23
PACIFIC	299.56	299.58	5.23
PACIFIC	292.54	292.90	5.23
PACIFIC	299.56	299.58	5.23
PACIFIC	300.26	300.41	5.23
PACIFIC	293.28	293.30	5.23
PACIFIC	299.56	299.58	5.23
PACIFIC	305.09	305.14	5.23
PACIFIC	293.30	293.36	5.23
PACIFIC	303.81	303.82	5.23
PACIFIC	299.56	299.58	5.23
PACIFIC	293.16	293.30	5.23
PACIFIC	304.07	304.43	5.23
PACIFIC	293.30	293.56	5.23
PACIFIC	299.56	299.58	5.23
PACIFIC	305.22	305.28	5.23
PACIFIC	299.56	299.58	5.23
PACIFIC	292.09	292.12	5.23
PACIFIC	305.14	305.22	5.23
PACIFIC	299.56	299.58	5.23
PACIFIC	299.56	299.58	5.23
PACIFIC	303.75	303.81	5.23
PACIFIC	299.56	299.58	5.23
PACIFIC	299.56	299.58	5.23
PACIFIC	299.56	299.58	5.23
PACIFIC	299.56	299.58	5.23
PACIFIC	303.47	303.66	5.23
PACIFIC	305.12	305.24	5.23
PACIFIC	284.08	284.13	5.23
PACIFIC	300.27	300.41	5.23
PACIFIC	305.24	305.29	5.23
PACIFIC	299.56	299.58	5.23
PACIFIC	303.44	303.47	5.23
PACIFIC	299.52	299.56	5.23
PACIFIC	303.47	303.66	5.23
PACIFIC	299.56	299.58	5.23
PACIFIC	299.56	299.58	5.23
PACIFIC	303.77	303.99	5.23
PACIFIC	303.46	303.47	5.23
PACIFIC	302.60	302.91	5.23
PACIFIC	305.08	305.12	5.23

PACIFIC	303.99	304.07	5.23
COLUMBIA RIVER	4.76	4.80	5.23
COLUMBIA RIVER	2.71	2.72	5.23
COLUMBIA RIVER	3.36	3.38	5.23
COLUMBIA RIVER	0.66	0.82	5.23
COLUMBIA RIVER	1.19	2.06	5.23
COLUMBIA RIVER	1.33	1.41	5.23
COLUMBIA RIVER	2.06	2.14	5.23
COLUMBIA RIVER	5.18	5.20	5.23
COLUMBIA RIVER	183.57	183.69	5.23
COLUMBIA RIVER	2.72	2.79	5.23
COLUMBIA RIVER	5.16	5.18	5.23
OREGON COAST	238.32	238.46	5.23
MCKENZIE-BEND N CONN. 1	135.05	135.14	5.23
TROUTDALE CONN. NO. 4	17.38	17.43	5.23
MCKENZIE-BEND N CONN. 1	135.05	135.05	5.23
OREGON-WASHINGTON	30.59	30.62	5.23
MCKENZIE-BEND N CONN. 1	135.05	135.05	5.23
OREGON COAST	238.07	238.17	5.23
TROUTDALE CONN. NO. 4	17.38	17.38	5.23
TROUTDALE CONN. NO. 4	17.34	17.36	5.23
OREGON-WASHINGTON	26.88	26.90	5.23
MAIN ST. CONN.	275.40	275.46	5.23
OSWEGO	0.00	0.01	5.23
OREGON COAST	235.51	235.53	5.23
BUTLER MARKET CONN. NO. 1	136.01	136.01	5.23
OSWEGO	0.38	0.39	5.23
SANTIAM	27.25	27.35	5.23
BIDDLE RD. CONN. NO. 2	0.72	0.90	5.23
TUALATIN VALLEY	13.36	13.58	5.23
RIVERSIDE AVE. CONN. NO. 1	0.00	0.12	5.23
TUALATIN VALLEY	13.21	13.29	5.23
ALBANY-CORVALLIS	10.40	10.45	5.23
MCKENZIE	1.47	1.53	5.23
ALBANY-CORVALLIS	10.29	10.34	5.23
CORVALLIS-NEWPORT	0.53	0.57	5.23
OREGON COAST	113.03	113.11	5.23
OREGON COAST	118.06	118.14	5.23
OREGON COAST	116.88	117.16	5.23
MCKENZIE	6.06	6.11	5.23
ALBANY-CORVALLIS	10.41	10.46	5.23
TUALATIN VALLEY	12.52	13.13	5.23
BIDDLE RD. CONN. NO. 2	0.67	0.72	5.23
ALBANY-CORVALLIS	10.33	10.33	5.23
TUALATIN VALLEY	12.60	12.86	5.23
SANTIAM	12.38	12.59	5.23
DIVISION ST. CONN. NO. 2	19.70	19.76	5.23
OREGON COAST	117.20	117.39	5.23
MCKENZIE	1.70	1.79	5.23
REDWOOD	0.21	0.25	5.23
SUNSET	71.50	71.57	5.23
OCHOCO	19.04	19.16	5.23
SUNSET	68.37	68.41	5.23
STADIUM FREEWAY	0.00	0.02	5.23
ROGUE VALLEY	19.32	19.40	5.23
STADIUM FREEWAY	2.64	2.68	5.23
SUNSET	64.68	64.68	5.23
ROGUE VALLEY	19.00	19.03	5.23
SUNSET	71.30	71.31	5.23
PACIFIC HWY. WEST CONN.	44.20	44.21	5.23
STADIUM FREEWAY	2.62	2.76	5.23
STADIUM FREEWAY	0.00	0.02	5.23
STADIUM FREEWAY	2.59	2.64	5.23
SUNSET	68.17	68.34	5.23
SUNSET	67.55	67.74	5.23
STADIUM FREEWAY	0.76	0.77	5.23
OCHOCO	18.11	18.14	5.23
SUNSET	65.24	65.39	5.23
PACIFIC HWY. WEST CONN.	44.20	44.21	5.23
STADIUM FREEWAY	4.19	4.20	5.23
OCHOCO	18.04	18.11	5.23
STADIUM FREEWAY	0.75	0.95	5.23
STADIUM FREEWAY	0.00	0.02	5.23
BEAVERTON CONN. NO. 2	1.05	1.35	5.23
SUNSET	69.50	69.52	5.23
SUNSET	71.31	71.50	5.23
STADIUM FREEWAY	0.77	0.80	5.23

STADIUM FREEWAY	0.00	0.02	5.23
STADIUM FREEWAY	0.68	0.75	5.23
SUNSET	69.53	69.55	5.23
STADIUM FREEWAY	0.00	0.02	5.23
BEAVERTON CONN. NO. 2	1.35	1.36	5.23
STADIUM FREEWAY	0.00	0.02	5.23
PACIFIC HWY. WEST CONN.	44.21	44.23	5.23
STADIUM FREEWAY	0.00	0.02	5.23
STADIUM FREEWAY	0.00	0.02	5.23
CORVALLIS-LEBANON HWY CONN	7.77	7.86	5.23
SUNSET	69.30	69.50	5.23
STADIUM FREEWAY	3.08	3.37	5.23
STADIUM FREEWAY	0.00	0.02	5.23
STADIUM FREEWAY	0.80	0.95	5.23
KLAMATH FALLS-LAKEVIEW CON	0.07	0.11	5.23
PACIFIC HWY. WEST CONN. 2	43.60	43.64	5.23
OCHOCO	18.14	18.20	5.23
STADIUM FREEWAY	0.00	0.02	5.23
STADIUM FREEWAY	1.29	1.36	5.23
STADIUM FREEWAY	0.00	0.02	5.23
SUNSET	64.68	64.81	5.23
STADIUM FREEWAY	0.00	0.02	5.23
HWY 091(1W) CONN. NO. 2	56.16	56.16	5.23
SUNSET	68.73	69.01	5.23
STADIUM FREEWAY	0.00	0.02	5.23
STADIUM FREEWAY	3.08	3.37	5.23
STADIUM FREEWAY	0.00	0.02	5.23
OCHOCO	18.04	18.04	5.23
SUNSET	68.34	68.37	5.23
ROGUE VALLEY	19.05	19.09	5.23
STADIUM FREEWAY	2.68	2.69	5.23
HWY 091(1W) CONN. NO. 2	56.16	56.16	5.23
STADIUM FREEWAY	0.00	0.02	5.23
HWY 091(1W) CONN. NO. 2	56.16	56.16	5.23
STADIUM FREEWAY	1.17	1.24	5.23
STADIUM FREEWAY	0.00	0.02	5.23
EAST PORTLAND FREEWAY	21.56	21.57	5.23
EAST PORTLAND FREEWAY	21.57	21.58	5.23
EAST PORTLAND FREEWAY	10.54	10.79	5.23
EAST PORTLAND FREEWAY	15.76	15.87	5.23
EAST PORTLAND FREEWAY	6.30	6.39	5.23
EAST PORTLAND FREEWAY	23.45	23.47	5.23
EAST PORTLAND FREEWAY	14.56	14.97	5.23
EAST PORTLAND FREEWAY	21.55	21.56	5.23
PACIFIC HIGHWAY WEST	37.75	37.80	5.23
W. SALMON RIVER HWY CONN.	39.28	39.37	5.23
EAST PORTLAND FREEWAY	23.31	23.45	5.23
EAST PORTLAND FREEWAY	21.58	21.59	5.23
EAST PORTLAND FREEWAY	14.85	15.00	5.23
SW BARBUR CT. FRONTAGE RD.	5.16	5.37	5.23
EAST PORTLAND FREEWAY	10.53	10.83	5.23
EAST PORTLAND FREEWAY	15.74	15.84	5.23
EAST PORTLAND FREEWAY	14.79	14.85	5.23
EAST PORTLAND FREEWAY	14.54	14.56	5.23
EAST PORTLAND FREEWAY	21.54	21.55	5.23
EAST PORTLAND FREEWAY	14.28	14.32	5.23
EAST PORTLAND FREEWAY	21.54	21.55	5.23
BEAVERTON-TIGARD	0.03	0.04	5.23
1ST STREET CONN. NO. 1	20.55	20.62	5.23
SUNSET HWY CONN. NO. 6	0.00	0.01	5.23
SUNSET HWY CONN. NO. 6	0.00	0.01	5.23
HILLSBORO-SILVERTON	50.38	50.42	5.23
SUNSET HWY CONN. NO. 6	0.00	0.01	5.23
SUNSET HWY CONN. NO. 6	0.00	0.01	5.23
BEAVERTON-TIGARD	0.03	0.04	5.23
HWY. 033 CONN. NO. 2	84.56	84.56	5.23
BEAVERTON-TIGARD	7.21	7.23	5.23
BEAVERTON-TIGARD	0.03	0.04	5.23
BEAVERTON-TIGARD	7.23	7.24	5.23
NORTH UMPQUA HIGHWAY EAST	-1.12	-1.11	5.23
SUNSET HWY CONN. NO. 6	0.00	0.01	5.23
SUNSET HWY CONN. NO. 6	0.00	0.01	5.23
BEAVERTON-TIGARD	7.33	7.34	5.23
BEAVERTON-TIGARD	7.24	7.33	5.23
BEAVERTON-TIGARD	0.03	0.03	5.23
BEAVERTON-TIGARD	0.03	0.04	5.23
HWY. 033 CONN. NO. 2	84.56	84.56	5.23

CLACKAMAS	4.93	5.18	5.23
BEAVERTON-TIGARD	0.04	0.07	5.23
LOWER COLUMBIA RIVER	98.37	98.39	5.23
BEAVERTON-TIGARD	0.03	0.04	5.23
BEAVERTON-TIGARD	7.21	7.21	5.23
BEAVERTON-TIGARD	0.03	0.04	5.23
HILLSBORO-SILVERTON	50.32	50.35	5.23
BEAVERTON-TIGARD	6.90	7.06	5.23
HWY. 033 CONN. NO. 2	84.56	84.56	5.23
SUNSET HWY CONN. NO. 6	0.00	0.01	5.23
BEAVERTON-TIGARD	0.03	0.04	5.23
BEAVERTON-TIGARD	0.03	0.04	5.23
NORTH UMPQUA HIGHWAY EAST	-1.11	-0.94	5.23
SUNSET HWY CONN. NO. 6	0.00	0.01	5.23
JACKSONVILLE	0.03	0.06	5.23
CAPE ARAGO	8.49	8.65	5.23
GOSHEN-DIVIDE	14.03	14.04	5.23
JACKSONVILLE	0.20	0.21	5.23
GOSHEN-DIVIDE	14.03	14.04	5.23
JACKSONVILLE	34.07	34.08	5.23
GOSHEN-DIVIDE	14.03	14.04	5.23
CORVALLIS-LEBANON	0.14	0.15	5.23
CAPE ARAGO	6.69	7.20	5.23
KINGS VALLEY	2.98	2.98	5.23
GOSHEN-DIVIDE	14.03	14.04	5.23
GOSHEN-DIVIDE	14.03	14.04	5.23
JACKSONVILLE	0.03	0.03	5.23
ALBANY-JCT. CITY HWY. # 2	7.88	7.95	5.23
GOSHEN-DIVIDE	14.03	14.04	5.23
GOSHEN-DIVIDE	14.03	14.04	5.23
GOSHEN-DIVIDE	14.03	14.04	5.23
OCHOCO HWY CONN. NO. 1	26.19	26.22	5.23
CULVER	4.21	4.35	5.23
GOSHEN-DIVIDE	14.03	14.04	5.23
CULVER	4.02	4.05	5.23
JACKSONVILLE	0.06	0.11	5.23
OREGON COAST	238.07	238.17	5.23
OREGON COAST	238.32	238.46	5.23
PACIFIC	302.92	302.95	5.22
PACIFIC	302.92	302.95	5.22
PACIFIC	302.92	302.95	5.22
PACIFIC	302.92	302.95	5.22
PACIFIC	302.92	302.95	5.22
PACIFIC	302.92	302.95	5.22
PACIFIC	302.92	302.95	5.22
PACIFIC	302.92	302.95	5.22
OLD WINCHESTER BR. FRONT.	128.91	128.94	5.22
GREELEY AVE. CONN. NO. 1	302.92	302.95	5.22
GREELEY AVE. CONN. NO. 1	302.92	302.95	5.22
COLUMBIA RIVER	182.66	182.79	5.22
GREELEY AVE. CONN. NO. 1	302.92	302.95	5.22
OLD WINCHESTER BR. FRONT.	128.98	129.08	5.22
GREELEY AVE. CONN. NO. 1	302.92	302.95	5.22
GREELEY AVE. CONN. NO. 1	302.92	302.95	5.22
GREELEY AVE. CONN. NO. 1	302.92	302.95	5.22
GREELEY AVE. CONN. NO. 1	302.92	302.95	5.22
OSWEGO	5.73	5.73	5.22
OSWEGO	11.29	11.35	5.22
OREGON COAST	235.09	235.17	5.22
OREGON COAST	190.81	190.84	5.22
SANTIAM	12.93	13.00	5.22
BAKER-COPPERFIELD	0.26	0.27	5.22
SANTIAM	12.91	12.93	5.22
SALMON RIVER	60.23	60.29	5.22
ROGUE VALLEY	21.33	21.35	5.22
SUNSET	73.93	73.93	5.22
SUNSET	73.94	73.96	5.22
SALMON RIVER	60.87	60.88	5.22
SUNSET	73.98	73.99	5.22
ALBANY-JUNCTION CITY	32.32	32.37	5.22
ROGUE VALLEY	21.63	21.76	5.22
SUNSET	73.80	73.94	5.22
SUNSET	73.90	73.93	5.22
ROGUE VALLEY	21.83	22.10	5.22
SUNSET	73.94	73.97	5.22
SUNSET	73.99	73.99	5.22
MONMOUTH-INDEPENDENCE	1.68	1.88	5.22

SALMON RIVER	60.72	60.81	5.22
SUNSET	73.96	73.97	5.22
SUNSET	73.81	73.90	5.22
ROGUE VALLEY	21.37	21.45	5.22
OCHOCO	19.21	19.29	5.22
SALMON RIVER	60.30	60.53	5.22
SUNSET	73.97	73.98	5.22
SUNSET	73.93	73.94	5.22
PACIFIC HIGHWAY EAST	41.24	41.45	5.22
PACIFIC HIGHWAY WEST	-4.84	-4.75	5.22
PACIFIC HIGHWAY EAST	41.12	41.21	5.22
PACIFIC HIGHWAY WEST	39.28	39.32	5.22
PACIFIC HIGHWAY EAST	30.61	30.85	5.22
PACIFIC HIGHWAY EAST	40.92	41.01	5.22
PACIFIC HIGHWAY EAST	13.43	13.44	5.22
BEAVERTON-TUALATIN	8.34	8.35	5.22
BEAVERTON-TUALATIN	5.63	5.70	5.22
BEAVERTON-TUALATIN	7.69	8.01	5.22
CLACKAMAS	8.46	8.70	5.22
BEAVERTON-TUALATIN	4.04	4.33	5.22
HILLSBORO-SILVERTON	50.45	50.51	5.22
BEAVERTON-TUALATIN	3.82	4.00	5.22
CASCADE HWY SOUTH	15.94	16.10	5.22
BEAVERTON-TUALATIN	3.76	3.79	5.22
WOODBURN-ESTACADA	11.23	11.31	5.22
BEAVERTON-TUALATIN	6.72	6.81	5.22
BEAVERTON-TUALATIN	6.89	7.07	5.22
BEAVERTON-TUALATIN	3.17	3.58	5.22
HILLSBORO-SILVERTON	18.27	18.52	5.22
WARRENTON-ASTORIA	0.26	0.27	5.22
BEAVERTON-TUALATIN	4.01	4.03	5.22
NORTHEAST PORTLAND	2.44	2.47	5.22
NORTHEAST PORTLAND	2.26	2.34	5.22
CASCADE HWY SOUTH	16.10	16.11	5.22
BEAVERTON-TUALATIN	3.12	3.15	5.22
BEAVERTON-TUALATIN	6.87	6.87	5.22
NORTHEAST PORTLAND	2.78	2.99	5.22
TERRITORIAL	19.82	19.85	5.22
TERRITORIAL	19.58	19.77	5.22
TERRITORIAL	19.89	19.89	5.22
TERRITORIAL	19.18	19.41	5.22
CLACKAMAS-BORING	6.90	6.99	5.22
SPRINGFIELD-CRESWELL	14.60	14.60	5.22
KINGS VALLEY	2.88	2.91	5.22
SPRINGFIELD-CRESWELL	14.63	14.71	5.22
TERRITORIAL	20.08	20.11	5.22
SPRINGFIELD-CRESWELL	14.58	14.60	5.22
ROGUE RIVER LOOP	1.66	1.71	5.22
PACIFIC	124.15	124.16	5.21
PACIFIC	124.15	124.16	5.21
PACIFIC	124.15	124.16	5.21
PACIFIC	124.15	124.16	5.21
GREEN SPRINGS	1.38	1.43	5.21
GREEN SPRINGS	1.91	1.98	5.21
GREEN SPRINGS	1.73	1.77	5.21
BELTLINE	12.32	12.47	5.21
BELTLINE	12.33	12.58	5.21
BELTLINE	12.47	12.60	5.21
BELTLINE	11.89	11.97	5.21
LA GRANDE-BAKER	49.73	49.95	5.21
BELTLINE	11.75	11.85	5.21
BELTLINE	11.76	11.89	5.21
BELTLINE	11.85	11.99	5.21
LOWER COLUMBIA RIVER	1.48	1.49	5.21
LOWER COLUMBIA RIVER	0.95	1.07	5.21
WARRENTON-ASTORIA	0.11	0.17	5.21
PACIFIC HWY EAST CONN.	0.44	0.45	5.21
NEHALEM	1.69	1.75	5.21
CLACKAMAS	0.09	0.10	5.21
WARRENTON-ASTORIA	0.90	0.94	5.21
LOWER COLUMBIA RIVER	1.48	1.48	5.21
YAMHILL-NEWBERG	10.67	10.68	5.21
CLACKAMAS	0.11	0.25	5.21
CLACKAMAS	0.10	0.11	5.21
CLACKAMAS	0.10	0.11	5.21
LOWER COLUMBIA RIVER	1.54	1.54	5.21
CASCADE HWY SOUTH	28.60	28.62	5.21

BEAVERTON-TUALATIN	4.35	4.46	5.21
WARRENTON-ASTORIA	0.88	0.90	5.21
NETARTS	8.35	8.47	5.21
CLACKAMAS	0.12	0.25	5.21
CLACKAMAS	0.11	0.12	5.21
OREGON COAST HWY CONN NO 1	0.87	1.03	5.21
WILLAMINA-SHERIDAN	6.89	6.99	5.21
CLACKAMAS	0.06	0.09	5.21
BEAVERTON-TUALATIN	8.04	8.07	5.21
PACIFIC HWY EAST CONN.	0.44	0.45	5.21
CLACKAMAS	0.09	0.09	5.21
OREGON COAST HWY CONN NO 1	1.13	1.30	5.21
LOWER COLUMBIA RIVER	0.88	1.36	5.21
WARRENTON-ASTORIA	0.87	0.90	5.21
LOWER COLUMBIA RIVER	1.31	1.37	5.21
PACIFIC HWY EAST CONN.	0.44	0.45	5.21
LOWER COLUMBIA RIVER	1.07	1.31	5.21
PACIFIC HWY EAST CONN.	0.44	0.45	5.21
LOWER COLUMBIA RIVER	1.54	1.54	5.21
CLACKAMAS	0.07	0.10	5.21
ROGUE RIVER LOOP	1.75	2.23	5.21
PAULINA	0.10	0.17	5.21
PAULINA	0.98	1.05	5.21
GOSHEN-DIVIDE	15.85	15.99	5.21
EUGENE-SPRINGFIELD	2.62	2.75	5.21
EUGENE-SPRINGFIELD	2.96	3.09	5.21
EUGENE-SPRINGFIELD	0.22	0.51	5.21
HOOD RIVER	1.11	1.17	5.21
PAULINA	0.60	0.70	5.21
EUGENE-SPRINGFIELD	0.09	0.22	5.21
ROGUE RIVER LOOP	1.30	1.30	5.21
PAULINA	0.46	0.53	5.21
EUGENE-SPRINGFIELD	0.07	0.09	5.21
FORT STEVENS SPUR	4.74	4.75	5.21
EUGENE-SPRINGFIELD	0.00	0.01	5.21
EUGENE-SPRINGFIELD	3.09	3.30	5.21
NEHALEM	2.09	2.15	5.2
WILLAMINA-SHERIDAN	6.23	6.45	5.2
WILLAMINA-SHERIDAN	6.50	6.80	5.2
FORT STEVENS	4.69	4.72	5.2
AMITY-DAYTON	8.48	8.54	5.2
WARRENTON-ASTORIA	0.31	0.73	5.2
FREEWATER	2.05	2.49	5.2
COVE	0.00	0.25	5.2
FREEWATER	0.65	0.66	5.2
FORT STEVENS SPUR	4.96	5.02	5.2
BARNETT RD. CONN. NO. 3	27.51	27.57	5.19
BARNETT RD. CONN. NO. 3	27.57	27.59	5.19
BARNETT RD. CONN. NO. 3	27.67	27.73	5.19
BARNETT RD. CONN. NO. 3	27.59	27.65	5.19
WILSONVILLE CONN. NO. 2	283.93	283.98	5.19
OREGON-WASHINGTON	30.68	30.68	5.19
OREGON-WASHINGTON	30.68	30.68	5.19
OREGON-WASHINGTON	30.63	30.63	5.19
E. SANDY CONN.	24.57	24.57	5.19
TUALATIN VALLEY	16.62	16.74	5.19
TUALATIN VALLEY	16.13	16.21	5.19
REDWOOD	-1.71	-1.61	5.19
MT. HOOD	24.38	24.58	5.19
MT. HOOD	24.03	24.04	5.19
E. SANDY CONN.	24.58	24.59	5.19
MT. HOOD	24.40	24.57	5.19
MT. HOOD	23.97	24.38	5.19
CORVALLIS-NEWPORT	50.51	50.79	5.19
OREGON COAST	116.73	116.75	5.19
	12.48	12.51	5.19
REDWOOD	-1.28	-1.15	5.19
CORVALLIS-NEWPORT	50.73	50.79	5.19
MCKENZIE	2.13	2.27	5.19
W. SANDY CONN.	23.97	23.98	5.19
MT. HOOD	23.87	23.97	5.19
OREGON COAST	238.40	238.44	5.19
REDWOOD	-1.50	-1.47	5.19
CORVALLIS-NEWPORT	50.72	50.73	5.19
MT. HOOD	23.96	23.97	5.19
MT. HOOD	24.57	24.57	5.19
REDWOOD	-1.38	-1.29	5.19

MT. HOOD	23.87	23.96	5.19
BAKER-COPPERFIELD	0.48	0.68	5.19
REDWOOD	-1.92	-1.89	5.19
MT. HOOD	24.39	24.40	5.19
OREGON COAST	65.55	65.63	5.19
CEDAR HILLS BLVD CONN NO 2	68.43	68.43	5.19
CORNELL RD. CONN. NO. 3	65.93	65.94	5.19
MONMOUTH-INDEPENDENCE	0.00	0.02	5.19
WILSON RIVER	0.00	0.06	5.19
OCHOCO	18.09	18.16	5.19
WILSON RIVER	0.03	0.09	5.19
COOS BAY-ROSEBURG	72.77	73.20	5.19
CORNELL RD. CONN. NO. 3	65.94	65.98	5.19
CEDAR HILLS BLVD CONN NO 2	68.45	68.50	5.19
OCHOCO	18.16	18.24	5.19
SYLVAN CONN. NO. 3	71.32	71.33	5.19
WILSON RIVER	0.00	0.03	5.19
CEDAR HILLS BLVD CONN NO 2	68.37	68.38	5.19
SYLVAN CONN. NO. 3	71.28	71.29	5.19
SYLVAN CONN. NO. 3	71.33	71.35	5.19
ROGUE VALLEY	19.32	19.46	5.19
CEDAR HILLS BLVD CONN NO 2	68.50	68.54	5.19
CORNELL RD. CONN. NO. 2	65.59	65.62	5.19
15TH ST.CONN. NO. 1	50.73	50.76	5.19
185TH AVE. CONN. NO. 2	64.16	64.23	5.19
CEDAR HILLS BLVD CONN NO 2	68.43	68.45	5.19
CEDAR HILLS BLVD CONN NO 2	68.38	68.41	5.19
MURRAY BLVD. CONN. NO. 1	67.28	67.29	5.19
CORNELL RD. CONN. NO. 3	66.05	66.09	5.19
SYLVAN CONN. NO. 3	71.29	71.32	5.19
CORNELL RD. CONN. NO. 3	65.98	65.99	5.19
MONMOUTH-INDEPENDENCE	1.54	1.65	5.19
CEDAR HILLS BLVD CONN NO 2	68.41	68.43	5.19
CORNELL RD. CONN. NO. 3	65.80	65.89	5.19
ROGUE VALLEY	22.13	22.18	5.19
MONMOUTH-INDEPENDENCE	1.30	1.44	5.19
CORNELL RD. CONN. NO. 3	65.89	65.93	5.19
WHITNEY	50.73	50.73	5.19
SUNNYBROOK RD. CONN. NO. 2	14.28	14.30	5.19
SW SPRING GARDEN RD. CONN.	5.10	5.12	5.19
LA GRANDE-BAKER	52.04	52.12	5.19
PACIFIC HIGHWAY WEST	38.06	38.07	5.19
PACIFIC HIGHWAY WEST	23.34	23.36	5.19
SUNNYBROOK RD. CONN. NO. 2	14.34	14.35	5.19
STARK-WASHINGTON ST CONN 3	20.58	20.58	5.19
LA GRANDE-BAKER	51.19	51.27	5.19
LA GRANDE-BAKER	52.13	52.15	5.19
WHITNEY	50.74	50.79	5.19
SUNNYBROOK RD. CONN. NO. 2	14.30	14.34	5.19
STARK-WASHINGTON ST CONN 3	20.54	20.57	5.19
STARK-WASHINGTON ST CONN 3	20.57	20.58	5.19
PACIFIC HIGHWAY WEST	23.23	23.31	5.19
SUNNYBROOK RD. CONN. NO. 2	14.23	14.28	5.19
SUNNYBROOK RD. CONN. NO. 2	14.35	14.36	5.19
SUNNYSIDE RD. CONN. NO. 1	14.66	14.70	5.19
TACOMA ST INTERCHG CONN. 2	4.33	4.35	5.19
PARK PLACE FRONTAGE RD.	10.31	10.33	5.19
SUNNYBROOK RD. CONN. NO. 2	14.34	14.34	5.19
LA GRANDE-BAKER	51.75	51.79	5.19
SUNNYSIDE RD. CONN. NO. 1	14.48	14.53	5.19
CASCADE HWY SOUTH	29.49	29.55	5.19
CLACKAMAS	9.27	9.36	5.19
GREENBURG RD. CONN. NO. 2	4.85	4.90	5.19
GREENBURG RD. CONN. NO. 2	4.94	4.95	5.19
LOWER COLUMBIA RIVER	97.54	97.62	5.19
HILLSBORO-SILVERTON	19.83	20.15	5.19
WOODBURN-ESTACADA	12.76	13.43	5.19
LOWER COLUMBIA RIVER	97.85	97.96	5.19
HILLSBORO-SILVERTON	36.95	36.97	5.19
CASCADE HWY SOUTH	29.58	29.62	5.19
HILLSBORO-SILVERTON	19.77	19.83	5.19
YAMHILL-NEWBERG	11.04	11.16	5.19
YAMHILL-NEWBERG	11.45	11.50	5.19
HILLSBORO-SILVERTON	50.24	50.35	5.19
NORTH UMPQUA HIGHWAY EAST	-0.67	-0.65	5.19
SILVER CREEK FALLS	40.56	40.84	5.19
LOWER COLUMBIA RIVER	97.07	97.22	5.19

YAMHILL-NEWBERG	11.29	11.45	5.19
WOODBURN-ESTACADA	12.52	12.70	5.19
GREENBURG RD. CONN. NO. 2	4.95	4.99	5.19
HILLSBORO-SILVERTON	20.15	20.19	5.19
GREENBURG RD. CONN. NO. 2	4.90	4.94	5.19
MOHAWK INTCHG. CONN. NO. 2	6.29	6.32	5.19
GOSHEN-DIVIDE	14.79	14.99	5.19
KINGS VALLEY	2.61	2.63	5.19
HOOD RIVER	0.06	0.16	5.19
GOSHEN-DIVIDE	14.84	14.99	5.19
JACKSONVILLE	33.38	33.80	5.19
CORVALLIS-LEBANON	18.01	18.13	5.19
HERMISTON	7.03	7.05	5.19
HOOD RIVER	0.33	0.55	5.19
GOSHEN-DIVIDE	14.65	14.66	5.19
ELKTON-SUTHERLIN	24.47	24.48	5.19
HERMISTON	7.05	7.11	5.19
HOOD RIVER	0.33	0.62	5.19
MONMOUTH	6.90	7.08	5.19
EUGENE-SPRINGFIELD CONN. 2	0.36	0.38	5.19
HOOD RIVER	0.20	0.33	5.19
HAINES RD. CONN. NO. 3	293.27	293.29	5.18
HAINES RD. CONN. NO. 3	293.29	293.32	5.18
HAINES RD. CONN. NO. 3	293.25	293.27	5.18
JOHNSON CR. BLVD CONN NO 2	16.25	16.32	5.18
JOHNSON CR. BLVD CONN NO 2	16.24	16.25	5.18
JOHNSON CR. BLVD CONN NO 2	16.32	16.34	5.18
NETARTS	8.33	8.33	5.18
FAIRGROUNDS CONN. NO. 2	122.98	123.01	5.17
FAIRGROUNDS CONN. NO. 2	123.01	123.01	5.17
FAIRGROUNDS CONN. NO. 2	122.95	122.98	5.17
FAIRGROUNDS CONN. NO. 2	123.01	123.03	5.17
ROSS ISLAND BRIDGE CONN. 1	0.08	0.14	5.17
OSWEGO	11.38	11.50	5.17
ROSS ISLAND BRIDGE CONN. 3	0.61	0.62	5.17
	2.78	2.93	5.17
ROSS ISLAND BRIDGE CONN. 5	0.10	0.16	5.17
OSWEGO	11.50	11.55	5.17
ROSS ISLAND BRIDGE CONN. 6	0.69	0.69	5.17
ROSS ISLAND BRIDGE CONN. 5	0.08	0.10	5.17
ROSS ISLAND BRIDGE CONN. 6	0.68	0.69	5.17
ROSS ISLAND CONN. NO. 2	0.32	0.34	5.17
EDGEWATER ST. CONN. NO. 1	24.24	24.24	5.17
ROSS ISLAND CONN. NO. 2	0.23	0.32	5.17
EDGEWATER ST. CONN. NO. 1	24.25	24.26	5.17
SYLVAN INTCHGE. CONN. NO.1	0.20	0.23	5.17
ROSS ISLAND CONN. NO. 1	0.34	0.50	5.17
ROSS ISLAND CONN. NO. 1	0.51	0.57	5.17
MT. HOOD	0.18	0.19	5.17
ROSS ISLAND CONN. NO. 1	0.57	0.63	5.17
EDGEWATER ST. CONN. NO. 1	24.25	24.26	5.17
MT. HOOD	0.25	0.26	5.17
SYLVAN INTCHGE. CONN. NO.1	0.36	0.39	5.17
MT. HOOD	0.23	0.25	5.17
ROSS ISLAND CONN. NO. 1	0.50	0.51	5.17
EDGEWATER ST. CONN. NO. 1	24.12	24.24	5.17
ROSS ISLAND CONN. NO. 2	0.34	0.47	5.17
EDGEWATER ST. CONN. NO. 2	24.00	24.10	5.17
WESTERN BLVD. CONN. NO. 1	54.21	54.21	5.17
DEPOT ST. CONNECTION	8.99	9.00	5.17
DEPOT ST. CONNECTION	8.93	8.94	5.17
DEPOT ST. CONNECTION	8.97	8.99	5.17
DEPOT ST. CONNECTION	8.94	8.96	5.17
DEPOT ST. CONNECTION	8.96	8.97	5.17
WESTERN BLVD. CONN. NO. 1	54.21	54.21	5.17
PACIFIC HIGHWAY WEST	-0.41	-0.37	5.17
TACOMA ST INTERCHG CONN 1	4.44	4.52	5.17
FOSTER&WOODSTOCK CONN. #3	17.77	17.81	5.17
FOSTER&WOODSTOCK CONN. #7	17.91	17.95	5.17
MAIN ST. CONNECTION NO 1	5.52	5.55	5.17
PACIFIC HIGHWAY WEST	122.12	122.13	5.17
SALEM-DAYTON	0.27	0.28	5.17
	-0.34	-0.29	5.17
SW 72ND AVE. CONN. NO. 2	6.71	6.74	5.17
W. STEEL BRIDGE CONN. #2	-0.39	-0.34	5.17
SW 72ND AVE. CONN. NO. 2	6.68	6.69	5.17
SW 72ND AVE. CONN. NO. 2	6.56	6.59	5.17

NORTHEAST PORTLAND	1.29	1.58	5.17
SW 72ND AVE. CONN. NO. 2	6.59	6.68	5.17
WARRENTON-ASTORIA	1.12	1.24	5.17
NEHALEM	90.48	90.63	5.17
NORTHEAST PORTLAND	1.76	1.90	5.17
SW 72ND AVE. CONN. NO. 2	6.74	6.75	5.17
LOWER COLUMBIA RIVER	97.27	97.48	5.17
NORTHEAST PORTLAND	1.62	1.71	5.17
NEHALEM	90.64	90.64	5.17
	-0.47	-0.34	5.17
SW 72ND AVE. CONN. NO. 2	6.70	6.71	5.17
SALEM-DAYTON	0.61	0.62	5.17
SW 72ND AVE. CONN. NO. 2	6.69	6.70	5.17
MADRAS-PRINEVILLE	25.98	26.02	5.17
ELKTON-SUTHERLIN	24.25	24.31	5.17
JACKSONVILLE	33.09	33.16	5.17
EUGENE-SPRINGFIELD CONN. 1	0.31	0.32	5.17
MADRAS-PRINEVILLE	26.19	26.21	5.17
ELKTON-SUTHERLIN	24.21	24.22	5.17
JACKSONVILLE	33.23	33.28	5.17
MADRAS-PRINEVILLE	26.07	26.24	5.17
MONMOUTH	7.09	7.17	5.17
ELKTON-SUTHERLIN	24.22	24.25	5.17
MADRAS-PRINEVILLE	26.07	26.19	5.17
ELKTON-SUTHERLIN	24.20	24.21	5.17
ELKTON-SUTHERLIN	24.40	24.46	5.17
EUGENE-SPRINGFIELD CONN. 1	0.33	0.35	5.17
FORT STEVENS SPUR	4.76	4.82	5.17
MADRAS-PRINEVILLE	26.21	26.28	5.17
EUGENE-SPRINGFIELD CONN. 1	0.32	0.33	5.17
ROGUE RIVER	8.67	8.78	5.16
LA GRANDE-BAKER	52.20	52.22	5.16
WHITNEY	50.63	50.69	5.16
LA GRANDE-BAKER	52.28	52.63	5.16
CASCADE HWY SOUTH	29.43	29.48	5.16
HERMISTON	8.55	8.56	5.16
HOOD RIVER	0.66	0.71	5.16
HERMISTON	8.42	8.53	5.16
HERMISTON	8.57	8.59	5.16
HERMISTON	8.67	8.68	5.16
HERMISTON	8.41	8.47	5.16
WILLAMINA-SHERIDAN	7.63	7.68	5.15
FORT STEVENS	3.88	3.95	5.14
OSWEGO	11.35	11.37	5.13
	2.71	2.72	5.13
MORGAN LANE CONN. NO. 1	2.45	2.48	5.13
MORGAN LANE CONN. NO. 1	2.48	2.58	5.13
ROGUE VALLEY	20.89	20.97	5.13
BEAVERTON-TUALATIN	5.12	5.24	5.13
BEAVERTON-TUALATIN	5.27	5.40	5.13
HILLSBORO-SILVERTON	0.18	0.20	5.13
SPRINGFIELD-CRESWELL	14.81	14.84	5.13
HOOD RIVER	0.76	0.78	5.13
JACKSONVILLE	33.36	33.38	5.13
HAINES RD. CONN. NO. 3	293.32	293.33	5.12
OCEAN PLACE CONN.	0.22	0.26	5.12
FORT STEVENS	3.56	3.58	5.12
FORT STEVENS	3.32	3.32	5.12
NETARTS	8.65	8.72	5.12
FORT STEVENS	3.40	3.41	5.12
AMITY-DAYTON	9.02	9.05	5.12
AMITY-DAYTON	9.12	9.15	5.12
WILLAMINA-SHERIDAN	7.15	7.20	5.12
WILLAMINA-SHERIDAN	7.06	7.13	5.12
AMITY-DAYTON	9.16	9.19	5.12
NETARTS	8.83	8.99	5.12
FORT STEVENS	3.31	3.32	5.12
NETARTS	8.62	8.64	5.12
REDWOOD HWY CONN. NO. 1	0.13	0.15	5.12
ROSS ISLAND CONN. NO. 3	0.14	0.15	5.11
ROSS ISLAND CONN. NO. 3	0.15	0.17	5.11
	-0.13	0.01	5.11
ROSS ISLAND CONN. NO. 3	0.01	0.14	5.11
W. MARQUAM INTCHG. CONN. 1	0.44	0.45	5.11
W. MARQUAM INTCHG. CONN. 1	0.44	0.45	5.11
W. MARQUAM INTCHG. CONN. 1	0.40	0.44	5.11
W. MARQUAM INTCHG. CONN. 1	0.55	0.57	5.11

W. MARQUAM INTCHG. CONN. 1	0.40	0.44	5.11
BROADWAY CONN. NO. 4	1.10	1.12	5.11
W. MARQUAM INTCHG. CONN. 1	0.44	0.45	5.11
W. MARQUAM INTCHG. CONN. 1	0.44	0.45	5.11
W. MARQUAM INTCHG. CONN. 1	0.40	0.44	5.11
W. MARQUAM INTCHG. CONN. 1	0.40	0.45	5.11
W. MARQUAM INTCHG. CONN. 1	0.44	0.45	5.11
W. MARQUAM INTCHG. CONN. 1	0.44	0.45	5.11
BROADWAY CONN. NO. 4	1.12	1.15	5.11
W. MARQUAM INTCHG. CONN. 1	0.54	0.55	5.11
W. MARQUAM INTCHG. CONN. 1	0.40	0.44	5.11
W. MARQUAM INTCHG. CONN. 1	0.44	0.45	5.11
W. MARQUAM INTCHG. CONN. 1	0.44	0.45	5.11
W. MARQUAM INTCHG. CONN. 1	0.44	0.45	5.11
W. MARQUAM INTCHG. CONN. 1	0.50	0.53	5.11
W. MARQUAM INTCHG. CONN. 1	0.44	0.45	5.11
W. MARQUAM INTCHG. CONN. 1	0.40	0.44	5.11
W. MARQUAM INTCHG. CONN. 1	0.44	0.45	5.11
W. MARQUAM INTCHG. CONN. 1	0.44	0.45	5.11
W. MARQUAM INTCHG. CONN. 1	0.44	0.45	5.11
W. MARQUAM INTCHG. CONN. 1	0.44	0.45	5.11
W. MARQUAM INTCHG. CONN. 1	0.40	0.44	5.11
W. MARQUAM INTCHG. CONN. 1	0.44	0.45	5.11
W. MARQUAM INTCHG. CONN. 1	0.44	0.45	5.11
SYLVAN CONN. NO. 7	71.31	71.31	5.11
W. MARQUAM INTCHG. CONN. 1	0.44	0.45	5.11
W. MARQUAM INTCHG. CONN. 1	0.44	0.45	5.11
W. MARQUAM INTCHG. CONN. 1	0.42	0.50	5.11
W. MARQUAM INTCHG. CONN. 1	0.44	0.45	5.11
W. MARQUAM INTCHG. CONN. 1	0.27	0.42	5.11
W. MARQUAM INTCHG. CONN. 1	0.44	0.45	5.11
W. MARQUAM INTCHG. CONN. 1	0.44	0.45	5.11
W. MARQUAM INTCHG. CONN. 1	0.40	0.44	5.11
W. MARQUAM INTCHG. CONN. 1	0.44	0.45	5.11
W. MARQUAM INTCHG. CONN. 1	0.44	0.45	5.11
W. MARQUAM INTCHG. CONN. 1	0.45	0.54	5.11
W. MARQUAM INTCHG. CONN. 1	0.44	0.45	5.11
W. MARQUAM INTCHG. CONN. 1	0.44	0.45	5.11
W. MARQUAM INTCHG. CONN. 1	0.44	0.45	5.11
STARK-WASHINGTON ST CONN 2	20.68	20.70	5.11
W. MARQUAM CONN. NO. 2	1.36	1.38	5.11
STARK-WASHINGTON ST CONN 2	20.65	20.65	5.11
MT. HOOD HWY CONN.	1.83	1.87	5.11
STARK-WASHINGTON ST CONN 2	20.63	20.65	5.11
STARK-WASHINGTON ST CONN 2	20.61	20.63	5.11
W. MARQUAM CONN. NO. 2	1.38	1.40	5.11
MT. HOOD HWY CONN.	1.70	1.74	5.11
STARK-WASHINGTON ST CONN 2	20.65	20.68	5.11
MT. HOOD HWY CONN.	1.74	1.83	5.11
SE MARKET ST. CONN.	20.12	20.12	5.1
FORT STEVENS	0.17	0.25	5.1
FORT STEVENS	0.05	0.10	5.1
FORT STEVENS	0.36	0.51	5.09
COLUMBIA RIVER	184.13	184.68	4.38
COLUMBIA RIVER	184.13	184.13	4.38
THE DALLES-CALIFORNIA	278.03	278.38	4.38
OREGON-WASHINGTON	-1.39	-1.29	4.38
OREGON-WASHINGTON	31.84	32.39	4.38
THE DALLES-CALIFORNIA	132.60	133.65	4.38
THE DALLES-CALIFORNIA	277.37	277.61	4.38
THE DALLES-CALIFORNIA	141.86	141.90	4.38
OREGON-WASHINGTON	34.01	34.41	4.38
THE DALLES-CALIFORNIA	117.76	118.48	4.38
OREGON-WASHINGTON	32.64	32.74	4.38
THE DALLES-CALIFORNIA	132.23	132.58	4.38
OREGON-WASHINGTON	32.39	32.64	4.38
THE DALLES-CALIFORNIA	141.90	142.56	4.38
OREGON-WASHINGTON	34.92	35.05	4.38
SANTIAM	17.73	17.73	4.38
SANTIAM	16.15	16.22	4.38
OREGON COAST	237.59	237.60	4.38
OREGON COAST	240.71	241.49	4.38
SANTIAM	17.93	18.67	4.38
OREGON COAST	239.82	240.37	4.38
REDWOOD	1.97	2.38	4.38
MT. HOOD	25.42	26.14	4.38
OREGON COAST	237.60	237.69	4.38

SANTIAM	17.74	17.89	4.38
GREEN SPRINGS	58.93	58.99	4.38
GREEN SPRINGS	58.99	59.01	4.38
UMATILLA-STANFIELD	11.52	11.74	4.38
UMATILLA-STANFIELD	2.53	2.77	4.38
UMATILLA-STANFIELD	3.90	4.15	4.38
ROGUE VALLEY	0.96	1.20	4.38
UMATILLA-STANFIELD	0.97	1.04	4.38
UMATILLA-STANFIELD	2.01	2.10	4.38
UMATILLA-STANFIELD	11.99	12.07	4.38
ROGUE VALLEY	3.88	3.91	4.38
UMATILLA-STANFIELD	0.70	0.83	4.38
UMATILLA-STANFIELD	2.31	2.49	4.38
UMATILLA-STANFIELD	4.16	4.26	4.38
UMATILLA-STANFIELD	8.45	9.48	4.38
PACIFIC HIGHWAY WEST	19.81	19.86	4.38
PACIFIC HIGHWAY WEST	117.32	117.59	4.38
PACIFIC HIGHWAY EAST	19.89	19.95	4.38
BELTLINE	4.14	4.18	4.38
PACIFIC HIGHWAY WEST	118.57	118.57	4.38
LOWER COLUMBIA RIVER	19.05	19.11	4.38
LOWER COLUMBIA RIVER	21.92	21.97	4.38
LOWER COLUMBIA RIVER	18.37	18.44	4.38
LOWER COLUMBIA RIVER	21.36	21.90	4.38
LOWER COLUMBIA RIVER	8.93	8.99	4.38
OLDS FERRY-ONTARIO	30.06	30.31	4.38
JACKSONVILLE	37.69	37.94	4.38
THE DALLES-CALIFORNIA	139.54	139.86	4.35
THE DALLES-CALIFORNIA	139.92	139.97	4.35
CENTRAL OREGON	2.29	2.29	4.35
THE DALLES-CALIFORNIA	139.19	139.27	4.35
THE DALLES-CALIFORNIA	138.79	138.93	4.35
THE DALLES-CALIFORNIA	139.97	140.02	4.35
THE DALLES-CALIFORNIA	139.34	139.38	4.35
THE DALLES-CALIFORNIA	139.86	139.92	4.35
THE DALLES-CALIFORNIA	139.38	139.45	4.35
THE DALLES-CALIFORNIA	139.33	139.34	4.35
CENTRAL OREGON	2.18	2.24	4.35
THE DALLES-CALIFORNIA	140.02	140.06	4.35
THE DALLES-CALIFORNIA	122.76	122.96	4.35
CENTRAL OREGON	2.55	2.62	4.35
CENTRAL OREGON	2.80	2.81	4.35
THE DALLES-CALIFORNIA	134.39	134.86	4.35
THE DALLES-CALIFORNIA	140.06	140.12	4.35
OREGON COAST	64.65	64.76	4.35
WALLOWA LAKE	1.05	1.20	4.35
SANTIAM	29.19	29.28	4.35
TUALATIN VALLEY	15.12	15.12	4.35
SANTIAM	1.68	1.86	4.35
OREGON COAST	237.55	237.58	4.35
CRATER LAKE	5.65	6.03	4.35
WALLOWA LAKE	1.21	1.38	4.35
TUALATIN VALLEY	14.15	14.93	4.35
CRATER LAKE	2.37	2.45	4.35
CRATER LAKE	2.56	3.96	4.35
CRATER LAKE	2.25	2.26	4.35
CRATER LAKE	6.03	6.06	4.35
CRATER LAKE	5.13	5.60	4.35
CRATER LAKE	4.31	4.81	4.35
ALBANY-JUNCTION CITY	4.24	4.25	4.35
ROGUE VALLEY	5.33	5.42	4.35
ALBANY-JUNCTION CITY	7.28	7.51	4.35
PACIFIC HIGHWAY EAST	-5.14	-4.88	4.35
PACIFIC HIGHWAY EAST	-4.88	-4.75	4.35
PACIFIC HIGHWAY EAST	-4.73	-4.52	4.35
PACIFIC HIGHWAY EAST	-5.77	-5.76	4.35
PACIFIC HIGHWAY EAST	20.08	20.40	4.35
PACIFIC HIGHWAY EAST	-4.48	-4.46	4.35
PACIFIC HIGHWAY WEST	121.58	121.64	4.35
PACIFIC HIGHWAY EAST	-4.22	-4.14	4.35
PACIFIC HIGHWAY EAST	-5.42	-5.14	4.35
PACIFIC HIGHWAY WEST	118.79	118.86	4.35
PACIFIC HIGHWAY WEST	35.39	35.41	4.35
PACIFIC HIGHWAY EAST	-5.73	-5.46	4.35
PACIFIC HIGHWAY EAST	-4.88	-4.88	4.35
PACIFIC HIGHWAY WEST	85.69	86.16	4.35
PACIFIC HIGHWAY EAST	45.52	45.82	4.35

PACIFIC HIGHWAY WEST	121.06	121.43	4.35
PACIFIC HIGHWAY EAST	-4.75	-4.73	4.35
PACIFIC HIGHWAY EAST	31.78	31.94	4.35
PACIFIC HIGHWAY EAST	-4.52	-4.48	4.35
PACIFIC HIGHWAY WEST	35.47	35.52	4.35
PACIFIC HIGHWAY EAST	19.58	19.87	4.35
PACIFIC HIGHWAY EAST	-5.76	-5.73	4.35
PACIFIC HIGHWAY WEST	121.64	121.70	4.35
PACIFIC HIGHWAY EAST	-5.76	-5.76	4.35
PACIFIC HIGHWAY EAST	45.01	45.24	4.35
HILLSBORO-SILVERTON	36.52	36.63	4.35
HILLSBORO-SILVERTON	36.63	36.68	4.35
LOWER COLUMBIA RIVER	5.15	5.50	4.35
CLACKAMAS	5.63	6.14	4.35
LOWER COLUMBIA RIVER	28.32	28.37	4.35
LOWER COLUMBIA RIVER	6.88	6.92	4.35
CLACKAMAS	6.56	6.80	4.35
LOWER COLUMBIA RIVER	4.70	5.01	4.35
CLACKAMAS	6.15	6.20	4.35
LOWER COLUMBIA RIVER	6.92	7.11	4.35
LOWER COLUMBIA RIVER	31.05	31.60	4.35
CLACKAMAS	6.22	6.56	4.35
CLACKAMAS	7.12	7.28	4.35
LOWER COLUMBIA RIVER	5.51	6.41	4.35
LOWER COLUMBIA RIVER	3.91	4.09	4.35
LOWER COLUMBIA RIVER	6.41	6.49	4.35
LOWER COLUMBIA RIVER	7.11	7.31	4.35
ONTARIO SPUR	27.53	27.65	4.35
ONTARIO SPUR	28.02	28.39	4.35
ONTARIO SPUR	27.74	27.74	4.35
ONTARIO SPUR	27.71	27.72	4.35
ONTARIO SPUR	27.82	27.86	4.35
ONTARIO SPUR	27.74	27.82	4.35
ONTARIO SPUR	27.72	27.74	4.35
ONTARIO SPUR	27.91	28.00	4.35
ONTARIO SPUR	27.65	27.71	4.35
PACIFIC HIGHWAY WEST	121.06	121.43	4.35
PACIFIC HIGHWAY WEST	85.69	86.16	4.35
PACIFIC HIGHWAY EAST	45.25	45.35	4.34
THE DALLES-CALIFORNIA	275.41	276.68	4.33
THE DALLES-CALIFORNIA	121.24	121.43	4.33
THE DALLES-CALIFORNIA	138.16	138.19	4.33
THE DALLES-CALIFORNIA	276.70	276.88	4.33
THE DALLES-CALIFORNIA	277.07	277.11	4.33
THE DALLES-CALIFORNIA	138.15	138.16	4.33
THE DALLES-CALIFORNIA	140.71	140.75	4.33
THE DALLES-CALIFORNIA	277.11	277.16	4.33
THE DALLES-CALIFORNIA	276.74	277.07	4.33
THE DALLES-CALIFORNIA	138.14	138.15	4.33
THE DALLES-CALIFORNIA	120.46	120.98	4.33
OREGON-WASHINGTON	-1.49	-1.48	4.33
THE DALLES-CALIFORNIA	137.14	137.15	4.33
THE DALLES-CALIFORNIA	275.41	276.66	4.33
THE DALLES-CALIFORNIA	275.22	275.25	4.33
THE DALLES-CALIFORNIA	123.15	123.52	4.33
THE DALLES-CALIFORNIA	138.19	138.29	4.33
THE DALLES-CALIFORNIA	121.48	122.47	4.33
THE DALLES-CALIFORNIA	276.71	276.74	4.33
THE DALLES-CALIFORNIA	276.88	277.13	4.33
OREGON-WASHINGTON	0.17	0.30	4.33
THE DALLES-CALIFORNIA	116.46	116.58	4.33
THE DALLES-CALIFORNIA	135.77	135.87	4.33
THE DALLES-CALIFORNIA	134.11	134.31	4.33
THE DALLES-CALIFORNIA	135.68	135.76	4.33
THE DALLES-CALIFORNIA	277.13	277.17	4.33
THE DALLES-CALIFORNIA	136.49	136.53	4.33
MCKENZIE	11.02	11.06	4.33
CORVALLIS-NEWPORT	50.04	50.14	4.33
WALLOWA LAKE	0.89	0.91	4.33
OREGON COAST	24.26	24.30	4.33
OREGON COAST	22.50	22.58	4.33
OREGON COAST	22.41	22.44	4.33
WALLOWA LAKE	0.88	0.89	4.33
CORVALLIS-NEWPORT	51.87	51.94	4.33
MCKENZIE	10.93	10.96	4.33
OREGON COAST	22.17	22.18	4.33
MCKENZIE-BEND	19.84	19.87	4.33

MCKENZIE	9.49	10.15	4.33
CRATER LAKE	1.23	1.32	4.33
OREGON COAST	112.35	112.69	4.33
CRATER LAKE	1.40	1.41	4.33
WALLOWA LAKE	0.93	0.95	4.33
CORVALLIS-NEWPORT	53.46	53.47	4.33
SANTIAM	31.11	31.32	4.33
OREGON COAST	65.08	65.22	4.33
REDWOOD	0.94	0.98	4.33
OREGON COAST	24.30	24.32	4.33
MCKENZIE	10.48	10.87	4.33
OREGON COAST	141.25	141.27	4.33
GREEN SPRINGS	59.03	59.04	4.33
CORVALLIS-NEWPORT	51.95	52.21	4.33
CRATER LAKE	1.97	1.98	4.33
GREEN SPRINGS	59.01	59.29	4.33
MCKENZIE	8.70	9.21	4.33
OREGON COAST	24.32	24.44	4.33
REDWOOD	0.00	0.02	4.33
TUALATIN VALLEY	10.50	10.51	4.33
OREGON COAST	118.61	119.00	4.33
OREGON COAST	64.23	64.25	4.33
OREGON COAST	118.19	118.19	4.33
MCKENZIE	111.22	111.35	4.33
SANTIAM	28.75	28.81	4.33
PENDLETON-JOHN DAY	2.10	2.22	4.33
GREEN SPRINGS	59.04	59.05	4.33
OREGON COAST	118.35	118.48	4.33
CRATER LAKE	10.04	10.07	4.33
UMATILLA-STANFIELD	12.43	12.44	4.33
ALBANY-JUNCTION CITY	2.73	2.74	4.33
ROGUE VALLEY	1.41	1.46	4.33
ROGUE VALLEY	16.25	16.26	4.33
ROGUE VALLEY	15.34	15.36	4.33
ALBANY-JUNCTION CITY	5.85	6.34	4.33
ALBANY-JUNCTION CITY	0.46	0.52	4.33
ROGUE VALLEY	17.23	17.31	4.33
WARM SPRINGS	117.54	117.59	4.33
SALMON RIVER	32.38	32.59	4.33
ALBANY-JUNCTION CITY	0.31	0.46	4.33
ALBANY-JUNCTION CITY	2.78	2.85	4.33
SALMON RIVER	32.59	32.60	4.33
ROGUE RIVER	0.14	0.15	4.33
SALMON RIVER	32.32	32.38	4.33
COOS BAY-ROSEBURG	74.52	74.54	4.33
WARM SPRINGS	117.67	117.71	4.33
BELTLINE	1.32	1.55	4.33
PENDLETON	2.08	2.15	4.33
PACIFIC HIGHWAY WEST	126.03	126.05	4.33
BELTLINE	3.26	3.32	4.33
PACIFIC HIGHWAY EAST	-6.09	-6.03	4.33
PACIFIC HIGHWAY WEST	13.84	14.09	4.33
PACIFIC HIGHWAY WEST	126.02	126.04	4.33
PACIFIC HIGHWAY EAST	46.20	46.23	4.33
BELTLINE	3.75	3.82	4.33
CASCADE HWY SOUTH	4.48	4.99	4.33
LOWER COLUMBIA RIVER	95.15	95.22	4.33
LOWER COLUMBIA RIVER	29.64	29.78	4.33
NORTHEAST PORTLAND	10.59	10.88	4.33
LOWER COLUMBIA RIVER	27.02	27.38	4.33
NORTHEAST PORTLAND	8.95	8.98	4.33
CASCADE HWY SOUTH	4.40	4.43	4.33
LOWER COLUMBIA RIVER	28.04	28.28	4.33
LOWER COLUMBIA RIVER	95.05	95.12	4.33
NORTHEAST PORTLAND	9.28	9.31	4.33
NORTHEAST PORTLAND	6.50	6.79	4.33
LOWER COLUMBIA RIVER	21.27	21.32	4.33
HILLSBORO-SILVERTON	21.05	21.10	4.33
LAKE OF THE WOODS	-0.45	-0.02	4.33
SOUTH KLAMATH FALLS	0.01	0.01	4.33
JACKSONVILLE	38.38	38.49	4.33
JACKSONVILLE	38.39	38.48	4.33
SOUTH KLAMATH FALLS	0.00	0.01	4.33
SOUTH KLAMATH FALLS	0.06	0.42	4.33
KINGS VALLEY	2.15	2.24	4.33
SOUTH KLAMATH FALLS	0.01	0.06	4.33
COLUMBIA RIVER	182.25	182.28	4.32

THE DALLES-CALIFORNIA	119.42	119.43	4.32
OREGON-WASHINGTON	0.33	0.50	4.32
THE DALLES-CALIFORNIA	119.43	120.43	4.32
THE DALLES-CALIFORNIA	271.25	271.26	4.32
THE DALLES-CALIFORNIA	133.71	133.72	4.32
OSWEGO	2.95	3.16	4.32
THE DALLES-CALIFORNIA	277.36	277.37	4.32
WILLAMINA-SALEM	20.75	21.19	4.32
OREGON COAST	241.49	241.50	4.32
OREGON COAST	23.16	23.17	4.32
SANTIAM	18.67	18.68	4.32
OREGON COAST	64.87	64.87	4.32
REDWOOD	4.10	6.34	4.32
WALLOWA LAKE	0.97	0.98	4.32
WARM SPRINGS	116.80	116.81	4.32
COOS BAY-ROSEBURG	73.76	73.81	4.32
WILSON RIVER	2.53	2.68	4.32
ALBANY-JUNCTION CITY	4.36	4.55	4.32
PACIFIC HIGHWAY EAST	44.44	44.46	4.32
PACIFIC HIGHWAY WEST	35.18	35.23	4.32
PACIFIC HIGHWAY WEST	116.69	116.76	4.32
PACIFIC HIGHWAY WEST	34.03	34.22	4.32
PACIFIC HIGHWAY WEST	24.37	24.58	4.32
PACIFIC HIGHWAY WEST	115.04	115.83	4.32
PACIFIC HIGHWAY WEST	115.84	116.13	4.32
PACIFIC HIGHWAY EAST	44.46	44.74	4.32
PACIFIC HIGHWAY WEST	33.74	34.02	4.32
PENDLETON	1.15	1.20	4.32
PACIFIC HIGHWAY WEST	110.49	110.60	4.32
PACIFIC HIGHWAY WEST	21.07	21.27	4.32
PENDLETON	0.67	0.71	4.32
PACIFIC HIGHWAY WEST	110.90	111.27	4.32
NORTH SANTIAM	5.21	5.69	4.32
LOWER COLUMBIA RIVER	16.49	18.37	4.32
DAYTON CONN. NO. 1	0.08	0.08	4.32
NORTHEAST PORTLAND	0.66	0.80	4.32
DAYTON CONN. NO. 1	0.08	0.08	4.32
LOWER COLUMBIA RIVER	25.86	27.00	4.32
NORTH SANTIAM	5.75	6.04	4.32
NORTH SANTIAM	5.19	5.21	4.32
NORTH SANTIAM	5.69	5.75	4.32
CLACKAMAS-BORING	2.35	2.50	4.32
CLACKAMAS-BORING	3.37	3.43	4.32
SOUTH KLAMATH FALLS	2.41	2.45	4.32
SOUTH KLAMATH FALLS	0.64	0.65	4.32
LAKE OF THE WOODS	-6.87	-6.77	4.32
THE DALLES-CALIFORNIA	143.15	143.45	4.31
THE DALLES-CALIFORNIA	115.23	115.45	4.31
THE DALLES-CALIFORNIA	272.35	272.54	4.31
THE DALLES-CALIFORNIA	143.27	143.48	4.31
THE DALLES-CALIFORNIA	272.22	272.35	4.31
THE DALLES-CALIFORNIA	271.96	272.03	4.31
THE DALLES-CALIFORNIA	272.56	272.57	4.31
THE DALLES-CALIFORNIA	143.61	143.69	4.31
THE DALLES-CALIFORNIA	143.01	143.15	4.31
THE DALLES-CALIFORNIA	272.58	272.72	4.31
THE DALLES-CALIFORNIA	272.05	272.20	4.31
THE DALLES-CALIFORNIA	115.96	116.08	4.31
OREGON COAST	8.30	8.74	4.31
WALLOWA LAKE	2.62	2.62	4.31
SANTIAM	11.75	11.81	4.31
MCKENZIE-BEND	15.29	15.30	4.31
TUALATIN VALLEY	18.56	19.05	4.31
WILLAMETTE	0.18	0.21	4.31
OREGON COAST	7.72	7.78	4.31
CORVALLIS-NEWPORT	55.65	55.66	4.31
OREGON COAST	7.53	7.56	4.31
MCKENZIE-BEND	15.10	15.16	4.31
WILLAMETTE	-0.30	-0.28	4.31
WILLAMETTE	0.21	0.23	4.31
CORVALLIS-NEWPORT	1.06	1.16	4.31
MCKENZIE-BEND	15.43	15.91	4.31
WALLOWA LAKE	2.66	2.69	4.31
WILLAMETTE	0.14	0.18	4.31
TUALATIN VALLEY	19.37	19.57	4.31
MCKENZIE	7.97	8.70	4.31
CORVALLIS-NEWPORT	55.59	55.65	4.31

SANTIAM	30.60	30.84	4.31
MCKENZIE-BEND	15.94	16.24	4.31
OREGON COAST	66.57	67.49	4.31
CORVALLIS-NEWPORT	0.81	1.02	4.31
SALMON RIVER	45.92	46.11	4.31
SALMON RIVER	44.58	44.60	4.31
SALMON RIVER	44.05	44.08	4.31
SALMON RIVER	44.47	44.58	4.31
SALMON RIVER	44.58	44.60	4.31
SALMON RIVER	32.87	33.20	4.31
SALMON RIVER	33.33	33.43	4.31
FLORENCE-EUGENE	47.19	47.46	4.31
OCHOCO	0.63	0.75	4.31
SALMON RIVER	45.88	45.92	4.31
SALMON RIVER	43.88	44.05	4.31
SALMON RIVER	44.60	45.06	4.31
SALMON RIVER	44.58	44.60	4.31
FLORENCE-EUGENE	47.27	47.46	4.31
SALMON RIVER	44.58	44.60	4.31
FLORENCE-EUGENE	47.46	47.57	4.31
SALMON RIVER	45.17	45.88	4.31
W. SALMON RIVER HWY CONN.	39.52	39.54	4.31
CASCADE HWY NORTH	-0.10	-0.01	4.31
CASCADE HWY NORTH	-0.14	-0.10	4.31
AIRPORT WAY CONN. NO. 3	25.27	25.35	4.31
PACIFIC HIGHWAY WEST	78.36	78.66	4.31
PACIFIC HIGHWAY EAST	1.73	1.77	4.31
CASCADE HWY NORTH	9.88	9.94	4.31
CASCADE HWY NORTH	9.99	10.02	4.31
PACIFIC HIGHWAY WEST	63.65	63.79	4.31
PACIFIC HIGHWAY WEST	15.90	16.03	4.31
PACIFIC HIGHWAY WEST	17.47	17.65	4.31
PENDLETON	1.23	1.79	4.31
PACIFIC HIGHWAY WEST	31.80	32.11	4.31
CASCADE HWY NORTH	9.96	9.99	4.31
W. SALMON RIVER HWY CONN.	39.52	39.54	4.31
PACIFIC HIGHWAY EAST	4.11	4.24	4.31
W. SALMON RIVER HWY CONN.	39.52	39.54	4.31
PACIFIC HIGHWAY WEST	62.47	63.09	4.31
LA GRANDE-BAKER	2.93	4.02	4.31
PACIFIC HIGHWAY WEST	32.63	32.74	4.31
PACIFIC HIGHWAY WEST	78.26	78.35	4.31
CASCADE HWY NORTH	9.94	9.96	4.31
AIRPORT WAY CONN. NO. 3	25.35	25.39	4.31
PACIFIC HIGHWAY WEST	80.29	80.53	4.31
LA GRANDE-BAKER	0.39	1.20	4.31
CASCADE HWY NORTH	9.94	9.99	4.31
PACIFIC HIGHWAY WEST	15.94	15.97	4.31
AIRPORT WAY CONN. NO. 3	25.39	25.40	4.31
PACIFIC HIGHWAY WEST	76.16	76.39	4.31
PACIFIC HIGHWAY WEST	16.72	17.46	4.31
CASCADE HWY NORTH	-0.10	-0.01	4.31
AIRPORT WAY CONN. NO. 3	25.28	25.40	4.31
PACIFIC HIGHWAY EAST	4.08	4.24	4.31
PACIFIC HIGHWAY EAST	1.73	1.81	4.31
W. SALMON RIVER HWY CONN.	39.52	39.54	4.31
HISTORIC COLUMBIA RIVER	72.20	72.23	4.31
NEHALEM	88.66	88.66	4.31
NEHALEM	88.62	88.66	4.31
HILLSBORO-SILVERTON	49.37	49.57	4.31
NEHALEM	88.68	88.74	4.31
NEHALEM	88.65	88.66	4.31
LOWER COLUMBIA RIVER	94.67	94.79	4.31
NEHALEM	88.68	88.68	4.31
NEHALEM	1.17	1.20	4.31
CASCADE HWY SOUTH	5.27	5.38	4.31
NEHALEM	88.66	88.68	4.31
NEHALEM	0.18	0.22	4.31
NEHALEM	88.67	88.68	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
E. MCMINNVILLE CONN. NO. 2	45.70	45.70	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
CLACKAMAS-BORING	5.86	5.94	4.31
E. MCMINNVILLE CONN. NO. 2	45.70	45.70	4.31
E. MCMINNVILLE CONN. NO. 2	45.70	45.70	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
E. MCMINNVILLE CONN. NO. 2	45.70	45.70	4.31

MCMINNVILLE SPUR	46.48	46.48	4.31
SOUTH KLAMATH FALLS	4.74	4.96	4.31
E. MCMINNVILLE CONN. NO. 2	45.70	45.70	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
OLDS FERRY-ONTARIO	26.28	26.34	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
CLACKAMAS-BORING	3.98	4.20	4.31
E. MCMINNVILLE CONN. NO. 2	45.70	45.70	4.31
E. MCMINNVILLE CONN. NO. 2	45.70	45.70	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
JACKSONVILLE	38.09	38.22	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
CLACKAMAS-BORING	5.50	5.51	4.31
REDWOOD SPUR	1.73	1.74	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
LAKE OF THE WOODS	0.27	1.09	4.31
E. MCMINNVILLE CONN. NO. 2	45.70	45.70	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
E. MCMINNVILLE CONN. NO. 2	45.70	45.70	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
LAKE OF THE WOODS	-2.00	-1.94	4.31
MCMINNVILLE SPUR	46.48	46.52	4.31
E. MCMINNVILLE CONN. NO. 2	45.70	45.70	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
E. MCMINNVILLE CONN. NO. 2	45.70	45.70	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
CLACKAMAS-BORING	1.46	1.48	4.31
REDWOOD SPUR	1.69	1.73	4.31
E. MCMINNVILLE CONN. NO. 2	45.70	45.70	4.31
SOUTH KLAMATH FALLS	3.59	3.87	4.31
CLACKAMAS-BORING	5.32	5.32	4.31
MCMINNVILLE SPUR	46.47	46.48	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
E. MCMINNVILLE CONN. NO. 2	45.70	45.70	4.31
E. MCMINNVILLE CONN. NO. 2	45.70	45.70	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
CLACKAMAS-BORING	5.18	5.28	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
E. MCMINNVILLE CONN. NO. 2	45.70	45.70	4.31
MCMINNVILLE SPUR	46.61	46.65	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
CLACKAMAS-BORING	0.70	1.01	4.31
E. MCMINNVILLE CONN. NO. 2	45.70	45.70	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
CLACKAMAS-BORING	0.36	0.47	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
OLDS FERRY-ONTARIO	25.92	26.12	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
E. MCMINNVILLE CONN. NO. 2	45.70	45.70	4.31
MCMINNVILLE SPUR	46.40	46.48	4.31
REDWOOD SPUR	1.74	1.75	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
CLACKAMAS-BORING	1.16	1.39	4.31
CLACKAMAS-BORING	5.68	5.70	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
CLACKAMAS-BORING	5.44	5.45	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
E. MCMINNVILLE CONN. NO. 2	45.70	45.70	4.31
MCMINNVILLE SPUR	46.48	46.48	4.31
JACKSONVILLE	38.09	38.24	4.31
INDEPENDENCE	6.06	6.11	4.31
REDWOOD SPUR	1.69	1.97	4.31
COLUMBIA RIVER	182.57	182.60	4.3
THE DALLES-CALIFORNIA	271.26	271.50	4.3
THE DALLES-CALIFORNIA	278.70	279.04	4.3
THE DALLES-CALIFORNIA	91.18	91.72	4.3
THE DALLES-CALIFORNIA	279.07	279.34	4.3

OREGON COAST	123.42	124.12	4.3
THE DALLES-CALIFORNIA	142.57	143.01	4.3
OREGON COAST	124.70	124.90	4.3
THE DALLES-CALIFORNIA	117.54	117.55	4.3
OREGON COAST	124.63	124.66	4.3
OREGON-WASHINGTON	25.27	26.14	4.3
OREGON COAST	121.70	122.07	4.3
CORVALLIS-NEWPORT	52.32	52.58	4.3
PENDLETON-JOHN DAY	4.50	5.84	4.3
OREGON COAST	17.15	17.48	4.3
ALBANY-CORVALLIS	9.32	9.72	4.3
OREGON COAST	233.46	234.66	4.3
OREGON COAST	112.05	112.08	4.3
MT. HOOD	19.28	19.53	4.3
MT. HOOD	16.35	16.68	4.3
OREGON COAST	24.45	24.46	4.3
CORVALLIS-NEWPORT	49.71	49.73	4.3
MCKENZIE-BEND	17.10	17.33	4.3
OREGON COAST	24.46	24.47	4.3
WILLAMETTE	1.29	1.35	4.3
OREGON COAST	23.35	23.84	4.3
OREGON COAST	136.81	136.83	4.3
OREGON COAST	17.06	17.12	4.3
CORVALLIS-NEWPORT	52.28	52.28	4.3
OREGON COAST	112.75	112.83	4.3
OREGON COAST	239.64	239.77	4.3
OREGON COAST	59.26	59.71	4.3
OREGON COAST	143.43	143.71	4.3
OREGON COAST	105.45	105.51	4.3
OREGON COAST	4.72	6.23	4.3
OREGON COAST	141.53	141.53	4.3
OREGON COAST	23.20	23.35	4.3
OREGON COAST	120.81	121.17	4.3
OREGON COAST	23.86	24.07	4.3
OREGON COAST	136.21	136.30	4.3
OREGON COAST	138.23	138.33	4.3
CORVALLIS-NEWPORT	52.60	53.02	4.3
OREGON COAST	361.04	361.16	4.3
MT. HOOD	19.53	19.96	4.3
OREGON COAST	124.90	125.33	4.3
MT. HOOD	19.51	19.59	4.3
WILLAMETTE	0.83	1.13	4.3
OREGON COAST	122.58	123.40	4.3
OREGON COAST	61.07	63.65	4.3
CORVALLIS-NEWPORT	53.13	53.22	4.3
OREGON COAST	110.75	111.55	4.3
OREGON COAST	119.28	119.90	4.3
OREGON COAST	141.59	141.68	4.3
OREGON COAST	123.95	124.11	4.3
OREGON COAST	12.19	12.90	4.3
OREGON COAST	123.42	123.71	4.3
OREGON COAST	120.48	120.69	4.3
MT. HOOD	16.88	17.65	4.3
OREGON COAST	123.74	123.91	4.3
OREGON COAST	22.64	23.04	4.3
WILLAMETTE	1.22	1.29	4.3
OREGON COAST	8.81	9.40	4.3
REDWOOD	6.54	6.63	4.3
CORVALLIS-NEWPORT	1.73	1.73	4.3
OREGON COAST	239.57	239.60	4.3
OREGON COAST	60.17	60.44	4.3
BAKER-COPPERFIELD	1.30	1.31	4.3
PENDLETON-JOHN DAY	3.61	4.48	4.3
OREGON COAST	64.12	64.20	4.3
CORVALLIS-NEWPORT	52.30	52.31	4.3
MT. HOOD	16.88	17.64	4.3
OREGON COAST	143.85	146.72	4.3
MT. HOOD	15.67	16.09	4.3
OREGON COAST	138.15	138.22	4.3
MCKENZIE	11.17	11.32	4.3
OREGON COAST	354.30	354.83	4.3
ALBANY-CORVALLIS	8.45	9.25	4.3
OREGON COAST	147.99	149.02	4.3
MT. HOOD	18.99	19.28	4.3
OREGON COAST	361.16	361.52	4.3
OREGON COAST	3.06	3.07	4.3
OREGON COAST	22.58	22.62	4.3

PENDLETON-JOHN DAY	5.86	6.68	4.3
OREGON COAST	124.63	124.66	4.3
OREGON COAST	16.44	17.03	4.3
OREGON COAST	147.23	147.94	4.3
MT. HOOD	15.57	16.14	4.3
OREGON COAST	60.50	60.86	4.3
OREGON COAST	232.12	233.46	4.3
OREGON COAST	119.12	119.28	4.3
OREGON COAST	105.62	105.64	4.3
OREGON COAST	352.31	352.80	4.3
MT. HOOD	16.35	16.68	4.3
OREGON COAST	124.70	124.90	4.3
OREGON COAST	361.52	362.09	4.3
MCKENZIE-BEND	16.62	16.64	4.3
OREGON COAST	138.10	138.14	4.3
OREGON COAST	24.49	24.53	4.3
CORVALLIS-NEWPORT	49.76	49.87	4.3
KLAMATH FALLS-LAKEVIEW	6.15	7.14	4.3
MT. HOOD	19.31	19.51	4.3
MCKENZIE	11.09	11.10	4.3
MT. HOOD	18.97	19.31	4.3
MT. HOOD	19.59	19.96	4.3
OREGON COAST	354.83	355.20	4.3
OREGON COAST	362.10	362.57	4.3
ALBANY-JUNCTION CITY	0.00	0.06	4.3
SALMON RIVER	34.10	34.11	4.3
WARM SPRINGS	116.97	116.97	4.3
ROGUE VALLEY	0.13	0.16	4.3
COOS BAY-ROSEBURG	76.96	77.09	4.3
SALMON RIVER	43.02	43.60	4.3
ROGUE VALLEY	0.05	0.13	4.3
WARM SPRINGS	116.04	116.24	4.3
SALMON RIVER	33.50	33.81	4.3
OCHOCO	15.93	17.09	4.3
OCHOCO	0.90	0.98	4.3
ROGUE VALLEY	17.52	17.64	4.3
OCHOCO	1.04	1.05	4.3
OCHOCO	1.72	2.15	4.3
WARM SPRINGS	115.86	116.01	4.3
ROGUE VALLEY	15.60	16.01	4.3
ALBANY-JUNCTION CITY	0.17	0.20	4.3
FLORENCE-EUGENE	48.69	49.48	4.3
COOS BAY-ROSEBURG	74.43	74.46	4.3
	0.07	0.32	4.3
KLAMATH FALLS-MALIN	1.01	1.78	4.3
OCHOCO	14.83	15.65	4.3
WARM SPRINGS	115.23	115.85	4.3
ROGUE VALLEY	0.64	0.64	4.3
SALMON RIVER	48.54	48.54	4.3
UMATILLA-STANFIELD	11.37	11.40	4.3
ROGUE VALLEY	16.52	16.58	4.3
ROGUE VALLEY	0.16	0.26	4.3
ROGUE VALLEY	0.40	0.41	4.3
SALMON RIVER	34.10	34.11	4.3
ROGUE VALLEY	0.72	0.74	4.3
WARM SPRINGS	116.24	116.40	4.3
FLORENCE-EUGENE	46.20	46.31	4.3
WARM SPRINGS	117.22	117.31	4.3
OCHOCO	1.65	1.71	4.3
FLORENCE-EUGENE	0.39	1.05	4.3
OCHOCO	1.28	1.64	4.3
ROGUE VALLEY	0.16	0.16	4.3
SALMON RIVER	33.81	34.11	4.3
PACIFIC HIGHWAY WEST	35.17	35.18	4.3
PACIFIC HIGHWAY WEST	18.45	18.74	4.3
PACIFIC HIGHWAY WEST	35.17	35.19	4.3
PACIFIC HIGHWAY WEST	26.49	26.50	4.3
PACIFIC HIGHWAY WEST	17.65	18.21	4.3
PACIFIC HIGHWAY WEST	35.13	35.14	4.3
PACIFIC HIGHWAY WEST	79.66	79.99	4.3
PACIFIC HIGHWAY WEST	35.17	35.18	4.3
PACIFIC HIGHWAY WEST	77.90	77.94	4.3
PACIFIC HIGHWAY WEST	26.86	26.87	4.3
PACIFIC HIGHWAY WEST	35.17	35.19	4.3
BELTLINE	2.01	2.05	4.3
PACIFIC HIGHWAY WEST	18.76	19.31	4.3
PACIFIC HIGHWAY WEST	35.17	35.19	4.3

	0.04	0.06	4.3
PACIFIC HIGHWAY WEST	35.01	35.14	4.3
PACIFIC HIGHWAY WEST	35.05	35.18	4.3
BELTLINE	0.63	0.97	4.3
BELTLINE	1.73	1.75	4.3
PACIFIC HIGHWAY WEST	18.02	18.21	4.3
PACIFIC HIGHWAY WEST	35.13	35.14	4.3
PACIFIC HIGHWAY WEST	35.13	35.14	4.3
PACIFIC HIGHWAY WEST	77.93	77.94	4.3
PACIFIC HIGHWAY WEST	77.83	77.92	4.3
PACIFIC HIGHWAY WEST	35.17	35.18	4.3
PACIFIC HIGHWAY WEST	19.33	19.44	4.3
PACIFIC HIGHWAY WEST	35.17	35.19	4.3
PENDLETON	0.26	0.41	4.3
PACIFIC HIGHWAY WEST	35.13	35.14	4.3
PACIFIC HIGHWAY WEST	18.21	18.36	4.3
PACIFIC HIGHWAY WEST	77.94	78.00	4.3
LA GRANDE-BAKER	4.92	5.20	4.3
BELTLINE	1.76	1.96	4.3
PACIFIC HIGHWAY WEST	35.13	35.14	4.3
PACIFIC HIGHWAY WEST	35.13	35.14	4.3
	0.00	0.04	4.3
PACIFIC HIGHWAY WEST	35.13	35.14	4.3
PACIFIC HIGHWAY WEST	19.42	19.43	4.3
PACIFIC HIGHWAY WEST	18.21	18.76	4.3
PENDLETON	0.41	0.43	4.3
LOWER COLUMBIA RIVER	98.68	98.71	4.3
LOWER COLUMBIA RIVER	48.62	48.67	4.3
LOWER COLUMBIA RIVER	34.48	35.31	4.3
LOWER COLUMBIA RIVER	48.67	48.84	4.3
LOWER COLUMBIA RIVER	98.90	98.95	4.3
LOWER COLUMBIA RIVER	32.23	33.94	4.3
CASCADE HWY SOUTH	1.92	2.74	4.3
LOWER COLUMBIA RIVER	48.51	48.67	4.3
LOWER COLUMBIA RIVER	32.00	32.18	4.3
LOWER COLUMBIA RIVER	48.51	48.62	4.3
LOWER COLUMBIA RIVER	48.67	48.84	4.3
LOWER COLUMBIA RIVER	44.21	46.61	4.3
HILLSBORO-SILVERTON	22.17	22.19	4.3
JACKSONVILLE	34.66	34.71	4.3
CLACKAMAS-BORING	7.61	8.37	4.3
LAKE OF THE WOODS	64.80	65.52	4.3
SOUTH KLAMATH FALLS	5.89	5.97	4.3
CLACKAMAS-BORING	3.83	3.84	4.3
CLACKAMAS-BORING	8.37	8.37	4.3
CLACKAMAS-BORING	3.93	3.94	4.3
LAKE OF THE WOODS	2.81	5.03	4.3
SOUTH KLAMATH FALLS	5.39	5.79	4.3
LAKE OF THE WOODS	68.70	68.76	4.3
JACKSONVILLE	35.23	35.25	4.3
CLACKAMAS-BORING	1.66	2.04	4.3
DALLAS-RICKREALL	1.07	1.15	4.3
CLACKAMAS-BORING	8.77	8.78	4.3
LAKE OF THE WOODS	2.42	2.79	4.3
CORVALLIS-LEBANON	16.57	16.80	4.3
OLDS FERRY-ONTARIO	26.75	26.94	4.3
CLACKAMAS-BORING	8.37	8.58	4.3
JACKSONVILLE	2.80	4.17	4.3
CLACKAMAS-BORING	3.86	3.90	4.3
LAKE OF THE WOODS	66.00	68.41	4.3
LAKE OF THE WOODS	-1.16	-0.50	4.3
KINGS VALLEY	1.79	1.96	4.3
OSWEGO	9.69	9.77	4.29
GREEN SPRINGS	58.73	58.83	4.29
MT. HOOD	9.07	9.10	4.29
OREGON COAST	239.34	239.38	4.29
TUALATIN VALLEY	13.86	13.92	4.29
CORVALLIS-NEWPORT	50.13	50.13	4.29
MCKENZIE	2.63	2.82	4.29
OREGON COAST	237.77	237.78	4.29
PACIFIC HIGHWAY EAST	22.29	22.90	4.29
BEAVERTON-TUALATIN	12.83	12.85	4.29
HILLSBORO-SILVERTON	36.44	36.52	4.29
SWIFT	2.57	2.62	4.29
BEAVERTON-TUALATIN	12.55	12.69	4.29
BEAVERTON-TUALATIN	12.82	12.83	4.29
BEAVERTON-TUALATIN	12.85	12.87	4.29

CASCADE HWY SOUTH	4.14	4.17	4.29
BEAVERTON-TUALATIN	12.69	12.73	4.29
BEAVERTON-TUALATIN	12.73	12.81	4.29
BEAVERTON-TUALATIN	12.85	12.85	4.29
BEAVERTON-TUALATIN	12.87	12.95	4.29
SWIFT	2.62	2.66	4.29
BEAVERTON-TUALATIN	12.81	12.82	4.29
LOWER COLUMBIA RIVER	98.62	98.63	4.29
INDEPENDENCE	5.46	5.58	4.29
COTTAGE GROVE CONN. NO. 1	174.19	174.31	4.28
THE DALLES-CALIFORNIA	115.61	115.71	4.28
THE DALLES-CALIFORNIA	96.37	96.45	4.28
OSWEGO	10.52	10.62	4.28
OSWEGO	10.45	10.51	4.28
THE DALLES-CALIFORNIA	115.79	115.95	4.28
THE DALLES-CALIFORNIA	93.08	93.21	4.28
OSWEGO	9.91	10.25	4.28
OSWEGO	8.09	8.29	4.28
MT. HOOD	8.36	8.40	4.28
CRATER LAKE	0.05	0.26	4.28
CORVALLIS-NEWPORT	51.38	51.39	4.28
ALBANY-CORVALLIS	11.10	11.10	4.28
REDWOOD	-0.41	-0.30	4.28
TUALATIN VALLEY	17.03	17.18	4.28
TUALATIN VALLEY	15.90	16.10	4.28
MT. HOOD	5.73	5.74	4.28
MT. HOOD	5.73	5.73	4.28
MT. HOOD	5.74	5.77	4.28
ALBANY-CORVALLIS	0.72	0.74	4.28
ALBANY-CORVALLIS	11.10	11.10	4.28
TUALATIN VALLEY	13.60	13.78	4.28
TUALATIN VALLEY	17.03	17.17	4.28
OREGON COAST	21.10	21.14	4.28
CRATER LAKE	0.32	0.36	4.28
ALBANY-CORVALLIS	0.32	0.69	4.28
TUALATIN VALLEY	15.22	15.36	4.28
CRATER LAKE	0.36	0.36	4.28
OREGON COAST	20.15	20.18	4.28
WILLAMETTE	0.31	0.36	4.28
ALBANY-CORVALLIS	11.07	11.10	4.28
MT. HOOD	8.74	8.79	4.28
TUALATIN VALLEY	15.90	16.13	4.28
OREGON COAST	8.16	8.17	4.28
TUALATIN VALLEY	8.81	9.06	4.28
ALBANY-CORVALLIS	11.10	11.23	4.28
OREGON COAST	21.18	21.26	4.28
TUALATIN VALLEY	15.22	15.36	4.28
TUALATIN VALLEY	-0.22	-0.11	4.28
CRATER LAKE	0.05	0.10	4.28
ALBANY-CORVALLIS	11.01	11.15	4.28
WILLAMETTE	0.30	0.31	4.28
WILLAMETTE	0.44	0.46	4.28
ALBANY-CORVALLIS	11.10	11.10	4.28
MCKENZIE	2.46	2.58	4.28
MT. HOOD	6.03	6.49	4.28
TUALATIN VALLEY	15.53	15.72	4.28
MCKENZIE	2.07	2.20	4.28
SANTIAM	30.14	30.29	4.28
MT. HOOD	5.77	5.81	4.28
TUALATIN VALLEY	15.53	15.72	4.28
OREGON COAST	19.74	20.02	4.28
ALBANY-CORVALLIS	11.10	11.10	4.28
OREGON COAST	21.32	21.49	4.28
SANTIAM	30.39	30.44	4.28
OREGON COAST	20.30	20.40	4.28
TUALATIN VALLEY	8.81	9.06	4.28
MCKENZIE	1.36	1.39	4.28
MT. HOOD	9.15	9.22	4.28
ALBANY-CORVALLIS	11.01	11.07	4.28
SANTIAM	0.04	0.09	4.28
CORVALLIS-NEWPORT	50.20	50.28	4.28
ALBANY-JUNCTION CITY	0.37	0.40	4.28
ALBANY-JUNCTION CITY	2.44	2.51	4.28
ALBANY-JUNCTION CITY	1.45	1.71	4.28
ALBANY-CORVALLIS HWY CON 2	2.71	2.71	4.28
UMATILLA-STANFIELD	5.67	5.87	4.28
ALBANY-CORVALLIS HWY CON 2	2.71	2.71	4.28

ALBANY-JUNCTION CITY	2.05	2.08	4.28
ALBANY-JUNCTION CITY	2.08	2.14	4.28
ALBANY-CORVALLIS HWY CON 2	2.71	2.71	4.28
ROGUE RIVER	0.18	0.35	4.28
UMATILLA-STANFIELD	10.46	10.90	4.28
ALBANY-JUNCTION CITY	2.51	2.54	4.28
ALBANY-JUNCTION CITY	0.66	0.78	4.28
ALBANY-JUNCTION CITY	1.30	1.39	4.28
ALBANY-CORVALLIS HWY CON 2	2.71	2.71	4.28
SALMON RIVER	50.69	51.08	4.28
ALBANY-JUNCTION CITY	0.65	0.66	4.28
ALBANY-JUNCTION CITY	2.54	2.56	4.28
ALBANY-JUNCTION CITY	2.04	2.11	4.28
ALBANY-JUNCTION CITY	0.65	0.66	4.28
ALBANY-JUNCTION CITY	1.93	2.05	4.28
ALBANY-JUNCTION CITY	2.56	2.64	4.28
ROGUE RIVER	0.75	1.08	4.28
ALBANY-JUNCTION CITY	1.56	2.02	4.28
ALBANY-JUNCTION CITY	2.28	2.44	4.28
PACIFIC HIGHWAY WEST	121.84	121.86	4.28
SALEM	5.10	5.26	4.28
PACIFIC HIGHWAY WEST	126.11	126.13	4.28
PACIFIC HIGHWAY WEST	14.93	14.99	4.28
PACIFIC HIGHWAY WEST	12.34	12.71	4.28
PACIFIC HIGHWAY WEST	121.87	122.11	4.28
BELTLINE	12.74	12.75	4.28
PACIFIC HIGHWAY WEST	3.72	3.85	4.28
PACIFIC HIGHWAY WEST	39.24	39.24	4.28
SALEM	5.01	5.01	4.28
PACIFIC HIGHWAY WEST	23.18	23.19	4.28
SALEM	4.75	4.93	4.28
PACIFIC HIGHWAY WEST	12.29	12.72	4.28
PACIFIC HIGHWAY WEST	14.91	14.96	4.28
PACIFIC HIGHWAY WEST	10.30	10.41	4.28
SALEM	3.34	3.55	4.28
PACIFIC HIGHWAY WEST	82.91	83.11	4.28
PACIFIC HIGHWAY WEST	39.20	39.24	4.28
SALEM	3.34	3.41	4.28
SALEM	6.60	6.65	4.28
PACIFIC HIGHWAY WEST	121.82	121.87	4.28
PACIFIC HIGHWAY WEST	3.72	3.91	4.28
PACIFIC HIGHWAY WEST	38.10	38.11	4.28
PENDLETON	1.96	1.99	4.28
PACIFIC HIGHWAY WEST	80.95	81.13	4.28
PACIFIC HIGHWAY WEST	39.06	39.20	4.28
SALEM	4.94	5.01	4.28
NE PORTLAND HWY CONN. NO 1	0.47	0.50	4.28
SALEM	5.19	5.27	4.28
PACIFIC HIGHWAY WEST	10.43	10.95	4.28
SALEM	4.93	4.93	4.28
SALEM	5.01	5.02	4.28
PACIFIC HIGHWAY WEST	82.98	83.06	4.28
PACIFIC HIGHWAY WEST	2.04	2.06	4.28
SALEM	5.02	5.04	4.28
PENDLETON	1.95	1.96	4.28
BELTLINE	12.77	12.77	4.28
SALEM	4.93	4.94	4.28
SALEM	5.02	5.09	4.28
PACIFIC HIGHWAY WEST	10.30	11.07	4.28
PACIFIC HIGHWAY WEST	126.13	126.16	4.28
PACIFIC HIGHWAY WEST	38.99	39.05	4.28
BELTLINE	12.74	12.74	4.28
PACIFIC HIGHWAY WEST	126.06	126.11	4.28
PACIFIC HIGHWAY WEST	3.86	3.94	4.28
PENDLETON	2.19	2.46	4.28
BELTLINE	12.77	12.86	4.28
PACIFIC HIGHWAY WEST	11.63	11.70	4.28
SALEM	5.01	5.02	4.28
PACIFIC HIGHWAY WEST	121.86	121.98	4.28
SALEM	4.80	4.93	4.28
CASCADE HWY NORTH	10.08	10.18	4.28
BELTLINE	12.75	12.77	4.28
PACIFIC HIGHWAY WEST	81.90	82.52	4.28
BELTLINE	4.24	4.37	4.28
NEHALEM	88.82	88.83	4.28
HILLSBORO-SILVERTON	38.62	38.84	4.28
SALEM-DAYTON	19.07	19.63	4.28

CASCADE HWY SOUTH	3.75	3.75	4.28
SALEM-DAYTON	19.65	19.77	4.28
NEHALEM	88.82	88.83	4.28
SALEM-DAYTON	19.03	19.05	4.28
NORTH UMPQUA HIGHWAY EAST	-0.91	-0.91	4.28
NORTHEAST PORTLAND	13.20	13.23	4.28
CASCADE HWY SOUTH	3.82	4.00	4.28
NEHALEM	88.82	88.83	4.28
NEHALEM	88.81	88.83	4.28
HILLSBORO-SILVERTON	21.61	21.74	4.28
NEHALEM	0.66	1.04	4.28
CASCADE HWY SOUTH	4.01	4.03	4.28
NORTHEAST PORTLAND	12.70	12.76	4.28
SALEM-DAYTON	19.43	19.47	4.28
NEHALEM	88.78	88.83	4.28
NEHALEM	88.83	88.85	4.28
SALEM-DAYTON	18.40	19.06	4.28
NORTHEAST PORTLAND	12.45	12.47	4.28
FARMINGTON	5.88	5.96	4.28
NORTH UMPQUA HIGHWAY EAST	-1.09	-0.94	4.28
HILLSBORO-SILVERTON	21.43	21.61	4.28
SALEM-DAYTON	19.58	19.61	4.28
NEHALEM	88.81	88.83	4.28
SALEM-DAYTON	19.89	20.13	4.28
CLACKAMAS	4.90	5.22	4.28
FARMINGTON	7.17	7.38	4.28
NORTHEAST PORTLAND	12.99	13.18	4.28
SALEM-DAYTON	19.98	19.99	4.28
NEHALEM	88.82	88.83	4.28
SALEM-DAYTON	19.07	19.35	4.28
NEHALEM	88.81	88.83	4.28
HILLSBORO-SILVERTON	20.65	20.69	4.28
CASCADE HWY SOUTH	0.63	0.84	4.28
SALEM-DAYTON	19.72	19.86	4.28
CASCADE HWY SOUTH	3.69	3.71	4.28
REDWOOD SPUR	1.08	1.11	4.28
KINGS VALLEY	2.31	2.46	4.28
REDWOOD SPUR	0.99	1.04	4.28
LAKE OF THE WOODS	0.04	0.10	4.28
CAPE ARAGO	1.70	1.83	4.28
REDWOOD SPUR	0.83	0.92	4.28
JACKSONVILLE	38.49	38.75	4.28
REDWOOD SPUR	1.23	1.27	4.28
REDWOOD SPUR	1.45	1.50	4.28
N ASHLAND CONN. NO. 2	18.67	18.74	4.27
COTTAGE GROVE CONN. NO. 1	174.74	174.76	4.27
N ASHLAND CONN. NO. 2	18.87	18.88	4.27
COTTAGE GROVE CONN. NO. 1	174.76	174.83	4.27
S MEDFORD CONN. NO. 3	26.79	26.82	4.27
OSWEGO	2.74	2.89	4.27
OSWEGO	2.89	2.90	4.27
OSWEGO	5.35	5.68	4.27
OSWEGO	2.89	2.90	4.27
OSWEGO	9.57	9.66	4.27
OSWEGO	2.89	2.90	4.27
OSWEGO	2.89	2.90	4.27
	2.89	2.90	4.27
OREGON-WASHINGTON	-1.60	-1.46	4.27
	2.89	2.90	4.27
	2.89	2.90	4.27
OREGON-WASHINGTON	-1.71	-1.54	4.27
	2.89	2.90	4.27
MCKENZIE	-0.16	-0.09	4.27
GREEN SPRINGS	57.29	57.42	4.27
OREGON COAST	64.29	64.30	4.27
MCKENZIE	0.07	0.14	4.27
ALBANY-CORVALLIS	1.14	1.60	4.27
CORVALLIS-NEWPORT	49.92	50.07	4.27
OREGON COAST	63.84	63.90	4.27
OREGON COAST	22.37	22.41	4.27
ALBANY-CORVALLIS	0.92	0.95	4.27
OREGON COAST	137.53	137.79	4.27
OREGON COAST	142.22	142.26	4.27
MCKENZIE	-0.06	0.07	4.27
OREGON COAST	138.85	139.00	4.27
CORVALLIS-NEWPORT	49.91	49.92	4.27
MCKENZIE	0.09	0.14	4.27

OREGON COAST	63.97	64.06	4.27
OREGON COAST	64.30	64.50	4.27
MCKENZIE	-0.06	0.09	4.27
COOS BAY-ROSEBURG	74.39	74.43	4.27
SALMON RIVER	51.31	51.33	4.27
WARM SPRINGS	117.49	117.52	4.27
FLORENCE-EUGENE	0.18	0.21	4.27
ROGUE VALLEY	17.80	17.83	4.27
FLORENCE-EUGENE	0.11	0.16	4.27
SALMON RIVER	51.72	51.73	4.27
OCHOCO	20.02	20.09	4.27
PACIFIC HIGHWAY WEST	11.12	11.62	4.27
PACIFIC HIGHWAY WEST	125.69	125.78	4.27
PACIFIC HIGHWAY EAST	29.54	29.54	4.27
PACIFIC HIGHWAY EAST	25.71	25.82	4.27
PACIFIC HIGHWAY WEST	-5.41	-5.33	4.27
PENDLETON	5.36	5.56	4.27
PACIFIC HIGHWAY WEST	11.12	11.46	4.27
PACIFIC HIGHWAY WEST	14.55	14.85	4.27
PACIFIC HIGHWAY WEST	125.81	125.85	4.27
PACIFIC HIGHWAY WEST	125.92	125.94	4.27
PACIFIC HIGHWAY EAST	25.39	25.56	4.27
PACIFIC HIGHWAY WEST	11.62	11.65	4.27
PACIFIC HIGHWAY EAST	29.02	29.31	4.27
PACIFIC HIGHWAY WEST	125.93	125.94	4.27
PACIFIC HIGHWAY EAST	28.76	28.90	4.27
PACIFIC HIGHWAY EAST	29.81	29.88	4.27
PACIFIC HIGHWAY WEST	125.67	125.75	4.27
PACIFIC HIGHWAY WEST	14.55	14.85	4.27
PACIFIC HIGHWAY WEST	125.94	126.01	4.27
PENDLETON	4.91	5.08	4.27
PACIFIC HIGHWAY WEST	125.80	125.81	4.27
PACIFIC HIGHWAY WEST	125.79	125.92	4.27
BELTLINE	2.38	2.42	4.27
NORTHEAST PORTLAND	0.00	0.08	4.27
NORTHEAST PORTLAND	0.00	0.42	4.27
CASCADE HWY SOUTH	14.44	14.51	4.27
CASCADE HWY SOUTH	14.38	14.39	4.27
CASCADE HWY SOUTH	14.53	14.71	4.27
NORTHEAST PORTLAND	0.49	0.56	4.27
SALEM-DAYTON	19.87	19.90	4.27
BEAVERTON-TUALATIN	12.76	13.08	4.27
NORTH SANTIAM	11.33	11.53	4.27
CASCADE HWY SOUTH	2.74	2.78	4.27
CLACKAMAS	10.07	10.41	4.27
NEHALEM	0.22	0.44	4.27
CASCADE HWY SOUTH	15.20	15.21	4.27
NORTH SANTIAM	11.28	11.54	4.27
HILLSBORO-SILVERTON	36.20	36.23	4.27
NORTHEAST PORTLAND	0.56	0.57	4.27
CLACKAMAS	8.32	8.39	4.27
NORTH SANTIAM	11.54	11.75	4.27
EAGLE CREEK-SANDY	4.90	5.30	4.27
MCVAY	1.62	1.63	4.27
MCVAY	1.42	1.48	4.27
JACKSONVILLE	34.79	34.87	4.27
JACKSONVILLE	1.60	1.69	4.27
MCVAY	1.40	1.42	4.27
MCVAY	1.63	1.73	4.27
CORVALLIS-LEBANON	17.26	17.50	4.27
N ASHLAND CONN. NO. 2	19.07	19.10	4.26
WILLAMINA-SALEM	23.98	23.98	4.26
WILLAMINA-SALEM	21.70	21.77	4.26
WILLAMINA-SALEM	25.85	26.03	4.26
WILLAMINA-SALEM	25.81	25.95	4.26
WILLAMINA-SALEM	22.66	22.81	4.26
WILLAMINA-SALEM	21.96	22.04	4.26
GREEN SPRINGS	58.84	58.86	4.26
WILLAMINA-SALEM	22.04	22.66	4.26
ALSEA	58.03	58.06	4.26
ALSEA	58.54	58.56	4.26
WILLAMINA-SALEM	21.44	21.70	4.26
WILLAMINA-SALEM	21.78	21.85	4.26
OCHOCO	20.53	20.67	4.26
SALMON RIVER	49.89	49.91	4.26
OCHOCO	20.92	20.99	4.26
UMATILLA-STANFIELD	11.40	11.41	4.26

SALMON RIVER	49.91	49.93	4.26
SALEM	1.86	2.24	4.26
PACIFIC HIGHWAY WEST	24.56	24.58	4.26
PACIFIC HIGHWAY EAST	15.25	16.44	4.26
PACIFIC HIGHWAY WEST	34.83	34.85	4.26
CASCADE HWY NORTH	9.78	9.88	4.26
PACIFIC HIGHWAY WEST	24.93	24.95	4.26
PENDLETON	5.12	5.15	4.26
SALEM	2.24	2.32	4.26
	5.93	5.94	4.26
SALEM	0.47	1.21	4.26
	4.80	4.85	4.26
NORTH SANTIAM	1.41	1.43	4.26
NORTH SANTIAM	1.43	1.43	4.26
NORTH SANTIAM	1.45	1.55	4.26
NORTH SANTIAM	2.22	3.25	4.26
NORTH SANTIAM	1.43	1.45	4.26
NORTH SANTIAM	1.38	1.40	4.26
NORTH SANTIAM	1.20	1.24	4.26
HILLSBORO-SILVERTON	36.73	36.75	4.26
SILVER CREEK FALLS	39.54	40.07	4.26
NORTH SANTIAM	1.24	1.29	4.26
NORTH SANTIAM	1.29	1.38	4.26
NORTH SANTIAM	1.40	1.41	4.26
NORTH SANTIAM	1.17	1.20	4.26
NORTH SANTIAM	1.55	1.61	4.26
JACKSONVILLE	2.68	2.77	4.26
HOOD RIVER	3.78	3.86	4.26
CLACKAMAS-BORING	8.61	8.62	4.26
HERMISTON	4.27	4.67	4.26
CORVALLIS-LEBANON	6.53	6.65	4.26
HERMISTON	4.97	5.13	4.26
HERMISTON	3.97	4.00	4.26
HOOD RIVER	2.09	2.35	4.26
HOOD RIVER	2.55	2.67	4.26
CHEMAWA RD. CONN. NO. 2	260.12	260.19	4.25
CHEMAWA RD. CONN. NO. 2	260.00	260.12	4.25
NYBERG RD. CONN. NO. 2	289.55	289.56	4.25
LOWER BOONES FERRY RD CN 2	290.49	290.53	4.25
LOWER BOONES FERRY RD CN 2	290.32	290.41	4.25
NYBERG RD. CONN. NO. 2	289.56	289.70	4.25
LOWER BOONES FERRY RD CN 2	290.48	290.49	4.25
LOWER BOONES FERRY RD CN 2	290.41	290.48	4.25
COLUMBIA RIVER	186.00	186.02	4.25
REED MARKET RD. CONN. NO 2	139.23	139.24	4.25
NE 238TH AVE. CONN. NO. 5	15.99	16.00	4.25
NE 238TH AVE. CONN. NO. 5	15.97	15.99	4.25
N REDMOND INTCHGE. CONN. 2	119.08	119.09	4.25
NE 238TH AVE. CONN. NO. 5	16.00	16.05	4.25
REED MARKET RD. CONN. NO 2	139.17	139.22	4.25
REED MARKET RD. CONN. NO 2	139.16	139.17	4.25
REED MARKET RD. CONN. NO 2	139.22	139.23	4.25
N REDMOND INTCHGE. CONN. 2	119.09	119.12	4.25
OSWEGO	6.73	6.76	4.25
REED MARKET RD. CONN. NO 2	139.15	139.16	4.25
NE 238TH AVE. CONN. NO. 5	16.05	16.06	4.25
WALLOWA LAKE	0.21	0.22	4.25
WALLOWA LAKE	0.24	0.28	4.25
TUALATIN VALLEY	20.28	20.29	4.25
OREGON COAST	187.36	187.68	4.25
OREGON COAST	7.07	7.39	4.25
TUALATIN VALLEY	20.30	20.37	4.25
MCKENZIE-BEND	17.95	17.96	4.25
CRATER LAKE	7.87	8.45	4.25
SANTIAM	12.25	12.26	4.25
MT. HOOD	23.81	23.86	4.25
PENDLETON-JOHN DAY	2.93	3.00	4.25
CRATER LAKE	7.87	8.45	4.25
ALBANY-CORVALLIS	2.30	3.13	4.25
WALLOWA LAKE	0.33	0.39	4.25
MT. HOOD	21.99	22.02	4.25
MCKENZIE	109.90	110.36	4.25
MCKENZIE	110.45	110.53	4.25
MT. HOOD	19.96	20.05	4.25
OREGON COAST	7.04	7.07	4.25
MCKENZIE-BEND	13.65	14.47	4.25
WILLAMETTE	0.10	0.25	4.25

GREEN SPRINGS	1.34	1.38	4.25
TUALATIN VALLEY	21.60	21.96	4.25
CRATER LAKE	8.69	9.42	4.25
OREGON COAST	356.27	356.30	4.25
CRATER LAKE	8.69	10.04	4.25
CRATER LAKE	0.25	0.31	4.25
TUALATIN VALLEY	-0.08	0.05	4.25
CRATER LAKE	10.29	11.28	4.25
GREEN SPRINGS	1.32	1.34	4.25
OREGON COAST	116.31	116.41	4.25
MT. HOOD	24.61	24.63	4.25
GREEN SPRINGS	1.30	1.32	4.25
TUALATIN VALLEY	21.08	21.55	4.25
TUALATIN VALLEY	21.97	22.31	4.25
OREGON COAST	3.79	3.80	4.25
TUALATIN VALLEY	20.39	20.40	4.25
OREGON COAST	6.58	6.59	4.25
OREGON COAST	116.10	116.11	4.25
PACIFIC HWY. WEST CONN.	44.31	44.42	4.25
185TH AVE. CONN. NO. 2	64.24	64.27	4.25
ROGUE RIVER	2.39	2.46	4.25
185TH AVE. CONN. NO. 2	64.29	64.29	4.25
WILSON RIVER	2.02	2.11	4.25
PENDLETON-COLD SPRINGS	30.03	30.34	4.25
WILSON RIVER	1.66	1.68	4.25
185TH AVE. CONN. NO. 2	64.29	64.34	4.25
185TH AVE. CONN. NO. 2	64.34	64.39	4.25
PACIFIC HWY. WEST CONN.	44.46	44.48	4.25
COOS BAY-ROSEBURG	76.54	76.87	4.25
OCHOCO	0.44	0.46	4.25
185TH AVE. CONN. NO. 2	64.29	64.29	4.25
KLAMATH FALLS-MALIN	-6.81	-6.69	4.25
ROGUE VALLEY	22.48	22.63	4.25
185TH AVE. CONN. NO. 2	64.27	64.29	4.25
PACIFIC HIGHWAY EAST	33.22	33.53	4.25
PACIFIC HIGHWAY EAST	35.89	36.98	4.25
PACIFIC HIGHWAY EAST	42.83	43.01	4.25
PACIFIC HIGHWAY WEST	123.08	123.10	4.25
PACIFIC HIGHWAY WEST	15.59	15.65	4.25
PACIFIC HIGHWAY WEST	31.76	31.79	4.25
PACIFIC HIGHWAY WEST	122.82	122.92	4.25
PACIFIC HIGHWAY WEST	15.64	15.64	4.25
PACIFIC HIGHWAY EAST	43.10	43.18	4.25
PACIFIC HIGHWAY WEST	123.11	123.19	4.25
PACIFIC HIGHWAY WEST	31.50	31.63	4.25
PACIFIC HIGHWAY WEST	25.12	25.33	4.25
PACIFIC HIGHWAY WEST	74.99	75.02	4.25
PACIFIC HIGHWAY WEST	84.33	84.39	4.25
DIVISION&POWELL CONN. #4	19.73	19.75	4.25
PACIFIC HIGHWAY WEST	16.16	16.61	4.25
PACIFIC HIGHWAY WEST	122.54	123.11	4.25
PACIFIC HIGHWAY WEST	123.24	123.30	4.25
PACIFIC HIGHWAY WEST	84.49	84.51	4.25
PACIFIC HIGHWAY EAST	42.73	42.77	4.25
DIVISION&POWELL CONN. #4	19.67	19.71	4.25
SALEM	5.39	5.47	4.25
DIVISION&POWELL CONN. #4	19.71	19.73	4.25
PACIFIC HIGHWAY WEST	25.11	25.36	4.25
PACIFIC HIGHWAY WEST	16.20	16.62	4.25
PACIFIC HIGHWAY WEST	63.79	63.86	4.25
LOWER COLUMBIA RIVER	94.60	94.62	4.25
NORTH UMPQUA HIGHWAY EAST	-0.89	-0.88	4.25
SALEM-DAYTON	0.16	0.18	4.25
WARRENTON-ASTORIA	1.55	1.59	4.25
HILLSBORO-SILVERTON	39.60	39.66	4.25
LOWER COLUMBIA RIVER	13.22	13.26	4.25
NORTH SANTIAM	13.13	13.37	4.25
HILLSBORO-SILVERTON	36.78	36.78	4.25
WOODBURN-ESTACADA	11.67	11.88	4.25
NORTH UMPQUA HIGHWAY EAST	-0.84	-0.80	4.25
HILLSBORO-SILVERTON	18.06	18.12	4.25
WARRENTON-ASTORIA	2.47	2.60	4.25
HILLSBORO-SILVERTON	49.26	49.37	4.25
SALEM-DAYTON	18.06	18.14	4.25
NORTH UMPQUA HIGHWAY EAST	-0.88	-0.84	4.25
CASCADE HWY SOUTH	0.87	1.92	4.25
SALEM-DAYTON	17.84	17.97	4.25

HILLSBORO-SILVERTON	17.93	17.96	4.25
SALEM-DAYTON	18.01	18.37	4.25
HILLSBORO-SILVERTON	36.77	36.78	4.25
NORTH UMPQUA HIGHWAY EAST	-0.88	-0.88	4.25
WOODBURN-ESTACADA	0.19	0.46	4.25
HILLSBORO-SILVERTON	37.27	37.27	4.25
WOODBURN-ESTACADA	13.71	13.81	4.25
WARRENTON-ASTORIA	1.84	2.13	4.25
CASCADE HWY SOUTH	28.99	29.08	4.25
NEHALEM	88.93	88.98	4.25
HILLSBORO-SILVERTON	36.78	36.79	4.25
WARRENTON-ASTORIA	1.63	1.66	4.25
SALEM-DAYTON	17.65	17.82	4.25
CASCADE HWY SOUTH	15.72	15.73	4.25
JEFFERSON	6.20	6.24	4.25
NORTH SANTIAM	12.68	13.13	4.25
SALEM-DAYTON	18.33	18.35	4.25
HOOD RIVER	2.70	3.13	4.25
SAMS VALLEY	0.89	1.24	4.25
KINGS VALLEY	4.36	4.82	4.25
KINGS VALLEY	4.32	4.33	4.25
DALLAS-RICKREALL	2.19	2.58	4.25
CORVALLIS-LEBANON	16.92	16.93	4.25
HERMISTON	9.84	9.89	4.25
HERMISTON	9.42	9.67	4.25
JACKSONVILLE	1.83	2.04	4.25
MONMOUTH	6.41	6.42	4.25
JACKSONVILLE	0.22	0.54	4.25
COBURG RD. CONN. NO. 1	2.01	2.07	4.25
HOOD RIVER	1.45	1.94	4.25
HERMISTON	8.89	8.93	4.25
	1.99	2.04	4.25
CORVALLIS-LEBANON	17.08	17.20	4.25
COBURG RD. CONN. NO. 1	1.71	1.86	4.25
HERMISTON	8.93	8.95	4.25
HOOD RIVER	3.23	3.38	4.25
OLDS FERRY-ONTARIO	30.31	30.32	4.25
O NEIL	0.00	0.02	4.25
EAGLE CREEK-SANDY	5.59	5.61	4.25
ELKTON-SUTHERLIN	23.88	23.89	4.25
COBURG RD. CONN. NO. 1	1.99	2.01	4.25
HOOD RIVER	1.27	1.42	4.25
LAKE OF THE WOODS	-3.23	-2.90	4.25
CLACKAMAS-BORING	7.07	7.11	4.25
MOSIER-THE DALLES	18.74	18.94	4.25
HERMISTON	8.96	8.99	4.25
OLDS FERRY-ONTARIO	27.18	27.34	4.25
COBURG RD. CONN. NO. 1	2.07	2.10	4.25
COBURG RD. CONN. NO. 1	2.10	2.12	4.25
HERMISTON	9.12	9.20	4.25
COBURG RD. CONN. NO. 1	1.96	1.99	4.25
SAMS VALLEY	2.56	3.46	4.25
HERMISTON	5.47	6.67	4.25
CORVALLIS-LEBANON	16.82	16.89	4.25
COOS RIVER	0.49	0.52	4.25
N ASHLAND CONN. NO. 2	19.10	19.13	4.24
N ASHLAND CONN. NO. 2	19.16	19.16	4.24
CHEMAWA RD. CONN. NO. 2	260.28	260.29	4.24
N ASHLAND CONN. NO. 2	19.18	19.26	4.24
CHEMAWA RD. CONN. NO. 2	260.26	260.28	4.24
CHEMAWA RD. CONN. NO. 2	260.44	260.45	4.24
N ASHLAND CONN. NO. 2	19.16	19.18	4.24
N ASHLAND CONN. NO. 2	19.00	19.07	4.24
COLUMBIA RIVER	186.79	186.84	4.24
THE DALLES-CALIFORNIA	0.93	0.96	4.24
THE DALLES-CALIFORNIA	0.84	0.91	4.24
OREGON COAST	239.48	239.51	4.24
OREGON COAST	239.46	239.48	4.24
THE DALLES-CALIFORNIA	0.00	0.51	4.24
THE DALLES-CALIFORNIA	0.51	0.64	4.24
THE DALLES-CALIFORNIA	0.65	0.84	4.24
THE DALLES-CALIFORNIA	0.96	2.00	4.24
THE DALLES-CALIFORNIA	0.84	0.93	4.24
OREGON COAST	237.94	237.95	4.24
THE DALLES-CALIFORNIA	0.64	0.65	4.24
ALSEA	55.52	58.03	4.24
REDWOOD	0.12	0.12	4.24

MCKENZIE	111.41	111.45	4.24
ALSEA	58.33	58.50	4.24
OREGON COAST	239.46	239.48	4.24
GREEN SPRINGS	2.46	2.47	4.24
REDWOOD	0.03	0.12	4.24
SANTIAM	13.41	13.42	4.24
TUALATIN VALLEY	22.32	23.17	4.24
ALSEA	58.50	58.54	4.24
ROGUE RIVER	11.86	12.62	4.24
ROGUE RIVER	14.63	14.64	4.24
ROGUE RIVER	14.64	14.69	4.24
ALBANY-JUNCTION CITY	8.07	8.37	4.24
ROGUE RIVER	5.23	5.98	4.24
ROGUE RIVER	12.65	12.80	4.24
ROGUE RIVER	14.57	14.63	4.24
ROGUE RIVER	4.02	5.16	4.24
ROGUE RIVER	2.96	3.01	4.24
ROGUE RIVER	3.10	3.18	4.24
ROGUE RIVER	12.62	12.65	4.24
ROGUE RIVER	14.50	14.57	4.24
ALBANY-JUNCTION CITY	9.68	10.34	4.24
ROGUE RIVER	0.10	0.13	4.24
ROGUE RIVER	9.18	11.43	4.24
WILSONVILLE-HUBBARD	-0.23	-0.23	4.24
ROGUE RIVER	6.79	8.05	4.24
ROGUE RIVER	3.19	3.27	4.24
PACIFIC HIGHWAY EAST	43.87	43.89	4.24
PACIFIC HIGHWAY EAST	43.90	44.29	4.24
LA GRANDE-BAKER	52.95	53.91	4.24
PACIFIC HIGHWAY EAST	43.55	43.85	4.24
PACIFIC HIGHWAY WEST	87.84	87.88	4.24
PACIFIC HIGHWAY EAST	43.54	43.55	4.24
PACIFIC HIGHWAY EAST	44.33	44.40	4.24
PACIFIC HIGHWAY WEST	64.38	64.38	4.24
CASCADE HWY SOUTH	14.01	14.21	4.24
WARRENTON-ASTORIA	3.56	3.77	4.24
S. JEFFERSON CONN. NO. 3	8.43	8.51	4.24
JEFFERSON	8.14	8.32	4.24
WARRENTON-ASTORIA	4.39	4.88	4.24
WARRENTON-ASTORIA	3.89	3.92	4.24
WARRENTON-ASTORIA	3.77	3.80	4.24
WARRENTON-ASTORIA	4.36	4.37	4.24
WOODBURN-ESTACADA	11.10	11.11	4.24
WARRENTON-ASTORIA	3.80	3.84	4.24
WARRENTON-ASTORIA	4.35	4.35	4.24
WARRENTON-ASTORIA	2.69	3.50	4.24
JEFFERSON	6.40	8.13	4.24
JEFFERSON	8.34	8.43	4.24
WARRENTON-ASTORIA	6.10	6.94	4.24
JEFFERSON	8.32	8.34	4.24
CASCADE HWY SOUTH	6.38	6.43	4.24
SILVER CREEK FALLS	39.39	39.47	4.24
WARRENTON-ASTORIA	4.34	4.34	4.24
LOWER COLUMBIA RIVER	47.35	47.38	4.24
MOSIER-THE DALLES	20.00	20.00	4.24
MOSIER-THE DALLES	19.97	19.98	4.24
HERMISTON	9.93	9.94	4.24
JACKSONVILLE	4.91	5.08	4.24
MOSIER-THE DALLES	19.97	19.98	4.24
JACKSONVILLE	30.59	30.95	4.24
MONMOUTH	6.23	6.27	4.24
MOSIER-THE DALLES	19.97	19.99	4.24
JACKSONVILLE	30.98	31.06	4.24
MOSIER-THE DALLES	19.97	19.98	4.24
JACKSONVILLE	32.41	32.95	4.24
JACKSONVILLE	31.07	31.34	4.24
MOSIER-THE DALLES	19.97	19.98	4.24
MOSIER-THE DALLES	20.14	20.24	4.24
OLDS FERRY-ONTARIO	24.24	24.56	4.24
SAMS VALLEY	-0.17	0.04	4.24
MOSIER-THE DALLES	19.97	19.98	4.24
O NEIL	16.54	16.98	4.24
MOSIER-THE DALLES	19.97	19.99	4.24
MOSIER-THE DALLES	19.97	19.99	4.24
O NEIL	0.07	0.33	4.24
SAMS VALLEY	0.04	0.80	4.24
MOSIER-THE DALLES	19.97	19.98	4.24

JACKSONVILLE	4.54	4.79	4.24
MOSIER-THE DALLES	19.10	19.97	4.24
SAMS VALLEY	-0.30	-0.17	4.24
MOSIER-THE DALLES	19.97	19.99	4.24
MOSIER-THE DALLES	19.97	20.03	4.24
HERMISTON	10.11	10.16	4.24
HOOD RIVER	3.38	3.45	4.24
JACKSONVILLE	4.17	4.30	4.24
JACKSONVILLE	30.48	30.53	4.24
MOSIER-THE DALLES	19.97	19.99	4.24
HERMISTON	10.00	10.01	4.24
MOSIER-THE DALLES	19.97	19.99	4.24
MADRAS-PRINEVILLE	24.41	25.35	4.24
MOSIER-THE DALLES	19.97	19.99	4.24
SPRINGFIELD-CRESWELL	14.47	14.53	4.24
MOSIER-THE DALLES	19.97	19.98	4.24
MOSIER-THE DALLES	20.10	20.13	4.24
JACKSONVILLE	31.44	31.59	4.24
MOSIER-THE DALLES	19.97	19.99	4.24
ELKTON-SUTHERLIN	23.11	23.84	4.24
PACIFIC	291.89	291.92	4.23
PACIFIC	290.70	291.02	4.23
PACIFIC	291.73	291.86	4.23
PACIFIC	291.28	291.33	4.23
PACIFIC	303.66	303.76	4.23
PACIFIC	291.09	291.26	4.23
PACIFIC	283.50	283.67	4.23
PACIFIC	303.66	303.75	4.23
PACIFIC	286.47	286.57	4.23
PACIFIC	290.75	291.03	4.23
PACIFIC	300.58	300.66	4.23
PACIFIC	283.52	283.54	4.23
PACIFIC	288.92	289.06	4.23
PACIFIC	291.33	291.36	4.23
PACIFIC	300.45	300.58	4.23
PACIFIC	289.82	290.28	4.23
PACIFIC	289.85	290.25	4.23
PACIFIC	300.44	300.57	4.23
PACIFIC	303.76	303.77	4.23
PACIFIC	300.41	300.43	4.23
PACIFIC	291.98	292.09	4.23
PACIFIC	286.47	286.50	4.23
PACIFIC	291.04	291.09	4.23
PACIFIC	288.97	289.27	4.23
PACIFIC	271.77	271.80	4.23
PACIFIC	254.41	254.57	4.23
PACIFIC	286.50	286.54	4.23
PACIFIC	291.82	291.89	4.23
PACIFIC	300.41	300.42	4.23
PACIFIC	291.29	291.38	4.23
PACIFIC	271.94	272.09	4.23
PACIFIC	291.02	291.26	4.23
PACIFIC	289.06	289.26	4.23
PACIFIC	292.90	292.91	4.23
COLUMBIA RIVER	10.42	10.54	4.23
COLUMBIA RIVER	3.84	4.11	4.23
COLUMBIA RIVER	183.69	183.77	4.23
OREGON-WASHINGTON	-0.68	-0.57	4.23
MAIN ST. CONN.	275.46	275.53	4.23
REED MARKET RD. CONN. NO 1	139.08	139.11	4.23
REVERE AVE. CONN. NO. 5	136.92	137.04	4.23
MCKENZIE-BEND N CONN. 2	135.23	135.33	4.23
NEVADA AVE. CONN. NO. 2	273.60	273.89	4.23
COLORADO AVE. CONN. NO. 4	138.17	138.21	4.23
REVERE AVE. CONN. NO. 3	137.06	137.08	4.23
MCKENZIE-BEND N CONN. 1	134.99	135.05	4.23
MCKENZIE-BEND N CONN. 2	135.33	135.34	4.23
BUTLER MARKET CONN. NO. 2	135.79	135.98	4.23
OREGON-WASHINGTON	-0.32	-0.31	4.23
MCKENZIE-BEND N CONN. 2	135.35	135.36	4.23
TROUTDALE CONN. NO. 4	17.37	17.38	4.23
REED MARKET RD. CONN. NO 3	139.15	139.16	4.23
EMPIRE AVE. CONN. NO. 2	135.45	135.72	4.23
COLORADO AVE. CONN. NO. 2	138.12	138.13	4.23
OREGON COAST	66.25	66.31	4.23
MCKENZIE-BEND N CONN. 2	135.15	135.21	4.23
MCKENZIE-BEND N CONN. 1	134.99	134.99	4.23

COLORADO AVE. CONN. NO. 5	137.94	138.01	4.23
BUTLER MARKET CONN. NO. 1	136.01	136.25	4.23
OREGON-WASHINGTON	-0.10	-0.02	4.23
BAKER RD INTCHGE CONN NO 2	143.44	143.54	4.23
REVERE AVE. CONN. NO. 4	137.37	137.53	4.23
OREGON COAST	238.03	238.07	4.23
EMPIRE AVE. CONN. NO. 4	135.03	135.14	4.23
OREGON COAST	239.01	239.08	4.23
COLORADO AVE. CONN. NO. 4	138.21	138.32	4.23
NEVADA AVE. CONN. NO. 1	273.37	273.62	4.23
OREGON COAST	238.46	238.62	4.23
MCKENZIE-BEND N CONN. 2	135.34	135.35	4.23
REED MARKET RD. CONN. NO 5	139.44	139.58	4.23
MAIN ST. CONN.	275.27	275.40	4.23
KLAMATH FALLS-MALIN CONN.	272.97	273.13	4.23
NEVADA AVE. CONN. NO. 5	273.02	273.21	4.23
BAKER RD INTCHGE CONN NO 2	143.16	143.28	4.23
TROUTDALE CONN. NO. 4	17.36	17.37	4.23
OREGON-WASHINGTON	-0.77	-0.72	4.23
REED MARKET RD. CONN. NO 6	138.85	138.99	4.23
EMPIRE AVE. CONN. NO. 3	135.88	135.98	4.23
BAKER RD INTRCHE CONN NO 1	143.36	143.47	4.23
REVERE AVE. CONN. NO. 1	137.05	137.06	4.23
NEVADA AVE. CONN. NO. 4	273.62	273.81	4.23
REDWOOD	0.20	0.21	4.23
SANTIAM	27.25	27.35	4.23
REDWOOD	-0.28	-0.01	4.23
MCKENZIE	2.04	2.11	4.23
CORVALLIS-NEWPORT	0.52	0.53	4.23
ALBANY-CORVALLIS	10.46	10.96	4.23
GOSHEN CONN. NO. 2	0.29	0.31	4.23
SANTIAM	13.20	13.27	4.23
REDWOOD	-1.08	-1.03	4.23
ALBANY-CORVALLIS	10.45	11.01	4.23
BIDDLE RD. CONN. NO. 2	0.67	0.67	4.23
SANTIAM	12.59	12.61	4.23
OREGON COAST	113.29	113.36	4.23
ELLSWORTH ST. CONN.	11.01	11.06	4.23
OREGON COAST	66.24	66.28	4.23
ELLSWORTH ST. CONN.	11.06	11.09	4.23
GREEN SPRINGS	58.34	58.67	4.23
3RD ST. CONN. NO. 2	20.01	20.11	4.23
MCKENZIE	6.05	6.06	4.23
REDWOOD	-0.75	-0.69	4.23
TUALATIN VALLEY	16.62	16.68	4.23
OREGON COAST	113.02	113.03	4.23
OREGON COAST	113.11	113.14	4.23
OREGON COAST	237.92	238.01	4.23
OREGON COAST	65.64	65.74	4.23
LYON ST. CONN.	11.07	11.10	4.23
SANTIAM	27.25	27.25	4.23
HWY 091(1W) CONN. NO. 2	56.36	56.46	4.23
HWY 091(1W) CONN. NO. 1	55.97	55.98	4.23
SUNSET	64.66	64.68	4.23
STADIUM FREEWAY	3.37	3.39	4.23
N. THURSTON ST CONN. NO. 1	1.97	2.02	4.23
HWY 091(1W) CONN. NO. 1	55.83	55.92	4.23
SUNSET	69.52	69.64	4.23
SUNSET	66.15	66.24	4.23
PACIFIC HWY WEST HWY CONN.	44.68	44.80	4.23
STADIUM FREEWAY	3.37	3.39	4.23
HWY 091(1W) CONN. NO. 1	55.97	55.98	4.23
ROGUE RIVER	0.21	0.22	4.23
SUNSET	69.55	70.02	4.23
SUNSET	72.43	72.57	4.23
HWY 091(1W) CONN. NO. 1	55.97	55.98	4.23
SUNSET	72.38	72.43	4.23
HWY 091(1W) CONN. NO. 1	55.92	55.97	4.23
SUNSET	72.17	72.26	4.23
N. THURSTON ST CONN. NO. 4	1.98	2.01	4.23
HWY 091(1W) CONN. NO. 1	55.67	55.83	4.23
HWY 091(1W) CONN. NO. 1	55.97	55.98	4.23
HWY 091(1W) CONN. NO. 1	55.97	55.98	4.23
HWY 091(1W) CONN. NO. 1	55.97	55.98	4.23
PACIFIC HWY. WEST CONN.	44.09	44.20	4.23
N. THURSTON ST CONN. NO. 3	2.09	2.11	4.23
SUNSET	72.09	72.17	4.23

N. THURSTON ST CONN. NO. 4	2.01	2.05	4.23
STADIUM FREEWAY	3.49	3.57	4.23
ALBANY-CORVALLIS HWY CON 1	2.51	2.54	4.23
SUNSET	73.14	73.33	4.23
HWY 091(1W) CONN. NO. 2	56.16	56.36	4.23
N. THURSTON ST CONN. NO. 2	1.99	2.03	4.23
HWY 091(1W) CONN. NO. 1	55.97	55.98	4.23
SUNSET	72.67	72.82	4.23
STADIUM FREEWAY	3.49	3.57	4.23
ROGUE RIVER	0.00	0.03	4.23
HWY 091(1W) CONN. NO. 1	55.97	55.98	4.23
PACIFIC HIGHWAY WEST	37.61	37.72	4.23
EAST PORTLAND FREEWAY	13.60	13.70	4.23
PACIFIC HIGHWAY WEST	84.07	84.07	4.23
EAST PORTLAND FREEWAY	24.43	24.64	4.23
PACIFIC HIGHWAY WEST	63.17	63.17	4.23
PACIFIC HIGHWAY WEST	83.78	83.86	4.23
EAST PORTLAND FREEWAY	12.87	13.18	4.23
PACIFIC HIGHWAY WEST	32.57	32.62	4.23
EAST PORTLAND FREEWAY	20.07	20.31	4.23
PACIFIC HIGHWAY WEST	83.36	83.42	4.23
SALEM	2.58	2.59	4.23
EAST PORTLAND FREEWAY	21.71	22.13	4.23
HAYESVILLE CONN. NO. 4	46.14	46.14	4.23
PACIFIC HIGHWAY WEST	84.00	84.07	4.23
EAST PORTLAND FREEWAY	12.94	13.11	4.23
EAST PORTLAND FREEWAY	13.64	13.73	4.23
PACIFIC HIGHWAY WEST	84.07	84.07	4.23
EAST PORTLAND FREEWAY	15.00	15.40	4.23
SALEM	5.65	5.69	4.23
SALEM	6.49	6.57	4.23
PACIFIC HIGHWAY WEST	84.10	84.25	4.23
PACIFIC HIGHWAY WEST	63.57	63.63	4.23
PACIFIC HIGHWAY WEST	23.81	23.86	4.23
MISSION ST. CONN. NO. 3	6.08	6.23	4.23
EAST PORTLAND FREEWAY	20.05	20.07	4.23
PACIFIC HIGHWAY WEST	84.07	84.10	4.23
EAST PORTLAND FREEWAY	22.99	23.31	4.23
LA GRANDE-BAKER	1.65	1.78	4.23
LA GRANDE-BAKER	1.84	1.91	4.23
EAST PORTLAND FREEWAY	24.00	24.26	4.23
HAYESVILLE CONN. NO. 4	46.14	46.14	4.23
EAST PORTLAND FREEWAY	21.59	21.71	4.23
PACIFIC HIGHWAY WEST	84.07	84.07	4.23
MISSION ST. CONN. NO. 2	6.42	6.49	4.23
PACIFIC HIGHWAY WEST	26.30	26.42	4.23
PENDLETON	3.37	3.42	4.23
SALEM	6.42	6.49	4.23
EAST PORTLAND FREEWAY	12.65	12.87	4.23
MISSION ST. CONN. NO. 2	6.32	6.42	4.23
PACIFIC HIGHWAY WEST	37.06	37.12	4.23
EAST PORTLAND FREEWAY	21.49	21.54	4.23
HAYESVILLE CONN. NO. 4	46.14	46.14	4.23
PACIFIC HIGHWAY WEST	84.07	84.07	4.23
PACIFIC HIGHWAY EAST	28.67	28.69	4.23
PACIFIC HIGHWAY WEST	84.07	84.08	4.23
HAYESVILLE CONN. NO. 4	46.14	46.14	4.23
PACIFIC HIGHWAY WEST	37.31	37.36	4.23
	4.39	4.51	4.23
PACIFIC HIGHWAY WEST	84.25	84.28	4.23
PACIFIC HIGHWAY WEST	84.07	84.07	4.23
PACIFIC HIGHWAY WEST	83.56	83.64	4.23
EAST PORTLAND FREEWAY	12.63	12.65	4.23
EAST PORTLAND FREEWAY	15.09	15.38	4.23
PACIFIC HIGHWAY WEST	84.07	84.07	4.23
EAST PORTLAND FREEWAY	20.06	20.33	4.23
EAST PORTLAND FREEWAY	21.20	21.49	4.23
PACIFIC HIGHWAY WEST	84.07	84.07	4.23
EAST PORTLAND FREEWAY	6.09	6.30	4.23
WILLAMINA-SALEM HWY CONN.	4.79	4.87	4.23
SALEM	2.61	3.32	4.23
EAST PORTLAND FREEWAY	24.26	24.31	4.23
EAST PORTLAND FREEWAY	14.97	15.09	4.23
SALEM	6.33	6.42	4.23
PACIFIC HIGHWAY WEST	83.56	83.71	4.23
PACIFIC HIGHWAY WEST	37.75	37.75	4.23
SALEM	7.94	8.44	4.23

PACIFIC HIGHWAY WEST	84.07	84.08	4.23
	4.36	4.39	4.23
EAST PORTLAND FREEWAY	5.91	6.09	4.23
PACIFIC HIGHWAY WEST	84.07	84.07	4.23
EAST PORTLAND FREEWAY	20.04	20.06	4.23
	4.27	4.36	4.23
NORTH UMPQUA HIGHWAY EAST	-0.20	-0.20	4.23
NORTH UMPQUA HIGHWAY EAST	-0.24	-0.24	4.23
NEHALEM	88.75	88.79	4.23
LOWER COLUMBIA RIVER	98.34	98.37	4.23
PINE ST. CONN. NO. 2	0.26	0.26	4.23
NORTH UMPQUA HIGHWAY EAST	-0.20	-0.20	4.23
LOWER COLUMBIA RIVER	98.39	98.39	4.23
1ST STREET CONN. NO. 1	20.62	20.63	4.23
NORTH UMPQUA HIGHWAY EAST	-0.21	-0.20	4.23
NORTH UMPQUA HIGHWAY EAST	-0.20	-0.20	4.23
NORTH UMPQUA HIGHWAY EAST	-0.33	-0.24	4.23
HWY. 033 CONN. NO. 1	84.07	84.32	4.23
NORTH UMPQUA HIGHWAY EAST	-0.20	-0.20	4.23
PINE ST. CONN. NO. 2	0.24	0.26	4.23
PINE ST. CONN. NO. 2	0.26	0.26	4.23
NORTH UMPQUA HIGHWAY EAST	-0.35	-0.23	4.23
NORTH UMPQUA HIGHWAY EAST	-0.20	-0.20	4.23
NORTH UMPQUA HIGHWAY EAST	-0.20	-0.20	4.23
PINE ST. CONN. NO. 2	0.26	0.26	4.23
NORTH UMPQUA HIGHWAY EAST	-0.24	-0.24	4.23
PINE ST. CONN. NO. 2	0.26	0.26	4.23
NORTH UMPQUA HIGHWAY EAST	-0.24	-0.24	4.23
HWY. 033 CONN. NO. 2	84.25	84.56	4.23
CLACKAMAS	3.82	3.88	4.23
NORTH UMPQUA HIGHWAY EAST	-0.24	-0.24	4.23
NORTH UMPQUA HIGHWAY EAST	-0.24	-0.24	4.23
NORTH UMPQUA HIGHWAY EAST	-0.20	-0.20	4.23
NORTH UMPQUA HIGHWAY EAST	-0.20	-0.20	4.23
PINE ST. CONN. NO. 2	0.26	0.26	4.23
NORTH UMPQUA HIGHWAY EAST	-0.24	-0.24	4.23
NORTH UMPQUA HIGHWAY EAST	-0.20	-0.20	4.23
PINE ST. CONN. NO. 2	0.26	0.26	4.23
NORTH UMPQUA HIGHWAY EAST	-0.20	-0.20	4.23
BEAVERTON-TIGARD	0.07	0.08	4.23
PINE ST. CONN. NO. 2	0.26	0.26	4.23
NORTH UMPQUA HIGHWAY EAST	-0.24	-0.24	4.23
NORTH UMPQUA HIGHWAY EAST	-0.20	-0.20	4.23
NORTH UMPQUA HIGHWAY EAST	-0.20	-0.20	4.23
NORTH UMPQUA HIGHWAY EAST	-0.20	-0.20	4.23
NORTH UMPQUA HIGHWAY EAST	-0.20	-0.20	4.23
NORTH UMPQUA HIGHWAY EAST	-0.24	-0.20	4.23
HWY. 033 CONN. NO. 1	84.07	84.08	4.23
PINE ST. CONN. NO. 2	0.26	0.26	4.23
NORTH UMPQUA HIGHWAY EAST	-0.24	-0.24	4.23
REDWOOD HWY CONN. NO. 2	0.14	0.15	4.23
REDWOOD HWY CONN. NO. 2	0.14	0.15	4.23
CORVALLIS-LEBANON	0.06	0.14	4.23
REDWOOD HWY CONN. NO. 2	0.14	0.15	4.23
CAPE ARAGO	5.43	5.45	4.23
JACKSONVILLE	0.03	0.17	4.23
REDWOOD HWY CONN. NO. 2	0.14	0.17	4.23
COOS RIVER	0.00	0.07	4.23
CAPE ARAGO	4.95	5.07	4.23
KINGS VALLEY	3.26	3.40	4.23
JACKSONVILLE	0.17	0.19	4.23
REDWOOD HWY CONN. NO. 2	0.14	0.15	4.23
JACKSONVILLE	0.01	0.01	4.23
KINGS VALLEY	2.98	3.09	4.23
JACKSONVILLE	0.19	0.20	4.23
REDWOOD HWY CONN. NO. 2	0.14	0.15	4.23
JACKSONVILLE	0.01	0.03	4.23
REDWOOD HWY CONN. NO. 2	0.14	0.15	4.23
REDWOOD HWY CONN. NO. 2	0.14	0.15	4.23
PACIFIC	307.49	307.49	4.22
PACIFIC	303.08	303.08	4.22
PACIFIC	307.76	307.77	4.22
PACIFIC	307.49	307.50	4.22
PACIFIC	303.08	303.08	4.22
PACIFIC	307.49	307.49	4.22
PACIFIC	303.08	303.08	4.22
PACIFIC	303.08	303.08	4.22
PACIFIC	307.47	307.76	4.22
PACIFIC	307.49	307.49	4.22

PACIFIC	307.50	307.77	4.22
PACIFIC	307.49	307.49	4.22
PACIFIC	307.45	307.49	4.22
PACIFIC	307.49	307.49	4.22
GREELEY AVE. CONN. NO. 2	303.08	303.08	4.22
BREWERY GRADE CONN. NO. 2	85.47	85.51	4.22
GREELEY AVE. CONN. NO. 2	303.08	303.08	4.22
BREWERY GRADE CONN. NO. 2	85.51	85.55	4.22
GREELEY AVE. CONN. NO. 2	303.08	303.08	4.22
GREELEY AVE. CONN. NO. 2	303.08	303.08	4.22
OLD WINCHESTER BR. FRONT.	128.94	128.98	4.22
BREWERY GRADE CONN. NO. 2	85.51	85.51	4.22
OREGON-WASHINGTON	-0.50	-0.40	4.22
OSWEGO	5.72	5.73	4.22
OREGON COAST	357.49	357.59	4.22
OREGON COAST	3.80	3.88	4.22
MCKENZIE	111.75	111.79	4.22
BIDDLE RD. CONN. NO. 1	0.52	0.61	4.22
WALLOWA LAKE	1.99	2.07	4.22
WALLOWA LAKE	2.09	2.10	4.22
WALLOWA LAKE	2.14	2.24	4.22
BIDDLE RD. CONN. NO. 1	0.31	0.44	4.22
MCKENZIE	111.59	111.64	4.22
PENDLETON-JOHN DAY	1.77	1.78	4.22
SANTIAM	12.93	13.26	4.22
LEBANON ST. CONN.	14.38	14.41	4.22
SANTIAM	13.00	13.14	4.22
SANTIAM	12.86	12.91	4.22
BAKER-COPPERFIELD	0.21	0.26	4.22
BIDDLE RD. CONN. NO. 1	0.44	0.45	4.22
OREGON COAST	3.88	3.96	4.22
CORNELIUS PASS CONN. NO. 3	62.54	62.59	4.22
SUNSET	67.74	67.88	4.22
SALMON RIVER	60.29	60.30	4.22
ROGUE VALLEY	19.09	19.12	4.22
ROGUE VALLEY	21.48	21.63	4.22
SALMON RIVER	60.53	60.57	4.22
CORNELIUS PASS CONN. NO. 3	62.46	62.47	4.22
SALMON RIVER	59.90	60.23	4.22
PENDLETON-COLD SPRINGS	30.66	30.67	4.22
CORNELIUS PASS CONN. NO. 3	62.51	62.54	4.22
CORNELIUS PASS CONN. NO. 3	62.59	62.64	4.22
SALMON RIVER	60.61	60.72	4.22
SUNSET	67.88	68.17	4.22
MONMOUTH-INDEPENDENCE	1.88	2.03	4.22
ROGUE VALLEY	21.28	21.33	4.22
ROGUE VALLEY	21.76	21.76	4.22
CORVALLIS-LEBANON HWY CONN	7.71	7.77	4.22
SALMON RIVER	60.81	60.87	4.22
CORNELIUS PASS CONN. NO. 3	62.47	62.51	4.22
EAST PORTLAND FREEWAY	15.87	15.87	4.22
LA GRANDE-BAKER	1.23	1.25	4.22
EAST PORTLAND FREEWAY	15.86	15.94	4.22
EAST PORTLAND FREEWAY	15.87	15.89	4.22
PACIFIC HIGHWAY WEST	108.76	108.85	4.22
SWIFT CONN. NO. 1	6.54	6.54	4.22
SWIFT CONN. NO. 1	6.54	6.54	4.22
SWIFT CONN. NO. 1	6.54	6.54	4.22
PACIFIC HIGHWAY WEST	-4.96	-4.84	4.22
EAST PORTLAND FREEWAY	16.21	16.24	4.22
EAST PORTLAND FREEWAY	16.20	16.21	4.22
PACIFIC HIGHWAY WEST	108.89	108.92	4.22
SWIFT CONN. NO. 1	6.54	6.54	4.22
EAST PORTLAND FREEWAY	15.84	15.86	4.22
LOWER COLUMBIA RIVER	46.64	46.73	4.22
BEAVERTON-TUALATIN	5.86	5.87	4.22
HILLSBORO-SILVERTON	18.56	18.73	4.22
WOODBURN-ESTACADA	12.35	12.42	4.22
BEAVERTON-TUALATIN	5.70	5.85	4.22
WILLAMINA-SHERIDAN	2.00	2.01	4.22
BEAVERTON-TUALATIN	5.90	6.07	4.22
WOODBURN-ESTACADA	0.00	0.09	4.22
WARRENTON-ASTORIA	7.13	7.25	4.22
WOODBURN-ESTACADA	11.31	11.39	4.22
CASCADE HWY SOUTH	16.11	16.22	4.22
BEAVERTON-TUALATIN	6.23	6.72	4.22
WOODBURN-ESTACADA	13.61	13.67	4.22

WARRENTON-ASTORIA	2.16	2.47	4.22
BEAVERTON-TUALATIN	8.31	8.34	4.22
BEAVERTON-TUALATIN	6.87	6.89	4.22
WILLAMINA-SHERIDAN	1.89	1.90	4.22
TERRITORIAL	19.77	19.82	4.22
KINGS VALLEY	3.71	3.75	4.22
KINGS VALLEY	4.27	4.28	4.22
TERRITORIAL	20.11	20.68	4.22
KINGS VALLEY	3.54	3.63	4.22
TERRITORIAL	19.41	19.49	4.22
TERRITORIAL	19.49	19.58	4.22
ALBANY-JCT. CITY HWY. # 2	7.95	8.01	4.22
TERRITORIAL	19.89	20.08	4.22
EAGLE CREEK-SANDY	5.37	5.49	4.22
PACIFIC	192.27	192.27	4.21
PACIFIC	192.27	192.27	4.21
PACIFIC	192.27	192.27	4.21
PACIFIC	192.27	192.27	4.21
PACIFIC	192.27	192.27	4.21
PACIFIC	192.27	192.27	4.21
COTTAGE GROVE CONN. NO. 1	174.83	175.20	4.21
PACIFIC	192.27	192.27	4.21
PACIFIC	192.27	192.27	4.21
THE DALLES-CALIFORNIA	143.54	143.63	4.21
WILLAMINA-SALEM	24.25	24.91	4.21
WILLAMINA-SALEM	24.84	25.08	4.21
WILLAMINA-SALEM	24.13	24.13	4.21
WILLAMINA-SALEM	26.07	26.09	4.21
WILLAMINA-SALEM	24.13	24.24	4.21
WILLAMINA-SALEM	24.91	25.26	4.21
WILLAMINA-SALEM	26.09	26.10	4.21
WILLAMINA-SALEM	24.08	24.25	4.21
WILLAMINA-SALEM	25.62	25.81	4.21
WILLAMINA-SALEM	25.43	25.74	4.21
WILLAMINA-SALEM	25.43	25.62	4.21
WILLAMINA-SALEM	24.34	24.36	4.21
CRATER LAKE AVE FRONT. RD.	1.89	1.93	4.21
WILLAMINA-SALEM	25.08	25.26	4.21
WILLAMINA-SALEM	26.10	26.18	4.21
WILLAMINA-SALEM	25.74	25.80	4.21
WILLAMINA-SALEM	24.54	24.84	4.21
WILSONVILLE-HUBBARD	5.36	5.41	4.21
WILSONVILLE-HUBBARD	5.05	5.36	4.21
WILSONVILLE-HUBBARD	-0.23	-0.22	4.21
BELTLINE	8.72	8.74	4.21
PACIFIC HIGHWAY EAST	27.02	27.09	4.21
BELTLINE	10.73	11.20	4.21
BELTLINE	5.33	5.87	4.21
BELTLINE	4.44	4.62	4.21
BELTLINE	8.74	8.77	4.21
PACIFIC HIGHWAY EAST	27.26	27.31	4.21
BELTLINE	5.26	5.33	4.21
BELTLINE	4.44	4.61	4.21
BELTLINE	7.80	8.21	4.21
BELTLINE	10.32	10.40	4.21
	4.13	4.18	4.21
BELTLINE	11.46	11.75	4.21
PACIFIC HIGHWAY EAST	25.15	25.30	4.21
BELTLINE	5.33	5.34	4.21
BELTLINE	11.20	11.21	4.21
BELTLINE	10.33	10.58	4.21
BELTLINE	10.74	11.21	4.21
PACIFIC HIGHWAY EAST	29.98	30.18	4.21
BELTLINE	11.45	11.76	4.21
BELTLINE	8.21	8.72	4.21
PACIFIC HIGHWAY EAST	27.09	27.20	4.21
BELTLINE	12.60	12.63	4.21
PACIFIC HIGHWAY EAST	27.20	27.26	4.21
BELTLINE	8.25	8.74	4.21
PACIFIC HIGHWAY EAST	27.20	27.31	4.21
SALEM	0.15	0.17	4.21
	5.79	5.93	4.21
SALEM	0.00	0.11	4.21
BELTLINE	11.20	11.21	4.21
	6.15	6.21	4.21
PACIFIC HIGHWAY EAST	27.09	27.11	4.21
BELTLINE	5.28	5.37	4.21

SALEM	0.17	0.26	4.21
BELTLINE	10.41	10.53	4.21
BELTLINE	5.37	5.86	4.21
BELTLINE	7.78	8.25	4.21
PACIFIC HIGHWAY EAST	24.80	24.83	4.21
PACIFIC HIGHWAY EAST	27.13	27.20	4.21
BELTLINE	12.58	12.62	4.21
PACIFIC HIGHWAY EAST	25.84	26.00	4.21
CLACKAMAS	4.04	4.36	4.21
BEAVERTON-TUALATIN	8.35	8.66	4.21
BEAVERTON-TUALATIN	8.71	8.74	4.21
CLACKAMAS	2.02	2.38	4.21
LOWER COLUMBIA RIVER	1.54	1.70	4.21
JEFFERSON	6.13	6.17	4.21
HISTORIC COLUMBIA RIVER	0.07	0.28	4.21
CLACKAMAS	-0.01	0.07	4.21
CLACKAMAS	-0.01	0.06	4.21
CLACKAMAS	0.27	0.50	4.21
SALEM-DAYTON	0.00	0.03	4.21
CLACKAMAS	2.38	2.59	4.21
LOWER COLUMBIA RIVER	1.70	1.87	4.21
LOWER COLUMBIA RIVER	1.49	1.68	4.21
CLACKAMAS	8.44	8.46	4.21
WILLAMINA-SHERIDAN	2.78	2.91	4.21
CLACKAMAS	2.00	2.17	4.21
CLACKAMAS	0.25	0.50	4.21
CLACKAMAS	3.96	3.98	4.21
BEAVERTON-TUALATIN	8.78	8.81	4.21
WOODBURN-ESTACADA	11.20	11.23	4.21
CLACKAMAS	0.25	0.27	4.21
CLACKAMAS	2.17	2.59	4.21
LOWER COLUMBIA RIVER	1.68	1.87	4.21
CLACKAMAS	2.00	2.02	4.21
CAPE ARAGO	4.55	4.75	4.21
CULVER	4.35	4.53	4.21
EUGENE-SPRINGFIELD	3.35	3.45	4.21
GOLD HILL SPUR	2.98	3.02	4.21
GOSHEN-DIVIDE	5.86	6.25	4.21
EUGENE-SPRINGFIELD	6.29	6.79	4.21
EUGENE-SPRINGFIELD	0.01	0.07	4.21
EUGENE-SPRINGFIELD	0.72	0.90	4.21
CAPE ARAGO	8.65	8.73	4.21
GOLD HILL SPUR	3.13	3.30	4.21
EUGENE-SPRINGFIELD	4.94	5.90	4.21
EUGENE-SPRINGFIELD	0.91	0.96	4.21
GOSHEN-DIVIDE	0.02	0.16	4.21
EUGENE-SPRINGFIELD	4.69	4.71	4.21
EUGENE-SPRINGFIELD	9.73	9.86	4.21
GOLD HILL SPUR	3.08	3.13	4.21
SPRINGFIELD-CRESWELL	14.56	14.58	4.21
EUGENE-SPRINGFIELD	0.51	0.72	4.21
CULVER	0.33	0.42	4.21
EUGENE-SPRINGFIELD	2.24	2.62	4.21
GOLD HILL SPUR	2.93	2.98	4.21
CAPE ARAGO	8.24	8.49	4.21
EUGENE-SPRINGFIELD	1.94	1.97	4.21
EUGENE-SPRINGFIELD	1.21	1.53	4.21
EUGENE-SPRINGFIELD	3.30	3.35	4.21
CULVER	4.05	4.21	4.21
EUGENE-SPRINGFIELD	4.71	4.94	4.21
EUGENE-SPRINGFIELD	4.42	4.69	4.21
EUGENE-SPRINGFIELD	5.90	6.10	4.21
SAMS VALLEY	1.52	1.81	4.21
CULVER	0.72	1.04	4.21
EUGENE-SPRINGFIELD	3.47	3.49	4.21
SAMS VALLEY	1.33	1.45	4.21
EUGENE-SPRINGFIELD	9.86	9.97	4.21
EUGENE-SPRINGFIELD	1.97	2.24	4.21
GOSHEN-DIVIDE	13.95	14.03	4.21
EUGENE-SPRINGFIELD	0.96	1.21	4.21
ROGUE RIVER LOOP	1.41	1.60	4.21
EUGENE-SPRINGFIELD	0.90	0.91	4.21
GOSHEN-DIVIDE	0.34	0.45	4.21
GOLD HILL SPUR	3.07	3.08	4.21
EUGENE-SPRINGFIELD	1.53	1.94	4.21
PAULINA	0.53	0.60	4.21
EUGENE-SPRINGFIELD	6.10	6.29	4.21

EUGENE-SPRINGFIELD	3.45	3.47	4.21
CAPE ARAGO	7.56	8.09	4.21
GOLD HILL SPUR	3.02	3.07	4.21
PACIFIC	305.69	305.77	4.2
COLUMBIA RIVER	182.60	182.66	4.2
OREGON COAST	4.40	4.41	4.2
OREGON COAST	4.41	4.41	4.2
OREGON COAST	4.31	4.31	4.2
OREGON COAST	4.14	4.31	4.2
OREGON COAST	4.41	4.41	4.2
OREGON COAST	4.31	4.31	4.2
OREGON COAST	4.41	4.41	4.2
OREGON COAST	4.41	4.41	4.2
BAKER RD INTCHGE CONN NO 4	143.07	143.17	4.2
OREGON COAST	4.41	4.41	4.2
OREGON COAST	4.31	4.31	4.2
OREGON COAST	4.31	4.32	4.2
OREGON COAST	4.31	4.31	4.2
OREGON COAST	4.31	4.31	4.2
OREGON COAST	4.31	4.31	4.2
THE DALLES-CALIFORNIA	124.72	124.90	4.2
OREGON COAST	4.41	4.41	4.2
N REDMOND INTCHGE. CONN. 1	119.35	119.37	4.2
OREGON COAST	4.41	4.41	4.2
OREGON COAST	4.33	4.40	4.2
TUALATIN VALLEY	42.41	42.43	4.2
ALBANY-CORVALLIS	10.34	10.41	4.2
TUALATIN VALLEY	42.43	42.46	4.2
ALBANY-CORVALLIS	10.33	10.40	4.2
OREGON COAST	4.30	4.31	4.2
OREGON COAST	4.31	4.33	4.2
TUALATIN VALLEY	42.43	42.46	4.2
GREEN SPRINGS	7.74	7.76	4.2
OREGON COAST	4.46	4.51	4.2
MCKENZIE	11.41	11.54	4.2
WALLOWA LAKE	2.61	2.62	4.2
TUALATIN VALLEY	42.41	42.43	4.2
E. MCMINNVILLE CONN. NO. 1	45.89	46.07	4.2
SUNSET	71.57	71.64	4.2
PACIFIC HWY. WEST CONN. 2	43.84	43.86	4.2
PACIFIC HWY. WEST CONN.	43.84	44.06	4.2
PACIFIC HWY. WEST CONN. 2	43.64	43.86	4.2
CORVALLIS-LEBANON HWY CONN	7.86	8.08	4.2
EAST PORTLAND FREEWAY	10.32	10.54	4.2
EAST PORTLAND FREEWAY	15.69	15.76	4.2
EAST PORTLAND FREEWAY	10.48	10.53	4.2
W. SALMON RIVER HWY CONN.	39.37	39.50	4.2
EAST PORTLAND FREEWAY	15.69	15.74	4.2
BEAVERTON-TIGARD	0.45	0.57	4.2
COAST HWY CONN.	1.73	1.82	4.2
NEHALEM	0.03	0.03	4.2
NEHALEM	0.03	0.03	4.2
SILVER CREEK FALLS	39.26	39.26	4.2
NEHALEM	0.03	0.03	4.2
BEAVERTON-TIGARD	7.16	7.21	4.2
NEHALEM	0.15	0.17	4.2
NEHALEM	0.03	0.03	4.2
NEHALEM	0.03	0.03	4.2
NEHALEM	0.17	0.17	4.2
NEHALEM	0.03	0.03	4.2
HILLSBORO-SILVERTON	50.35	50.38	4.2
NEHALEM	0.03	0.03	4.2
BEAVERTON-TIGARD	1.11	1.15	4.2
BEAVERTON-TIGARD	0.35	0.57	4.2
NEHALEM	0.17	0.17	4.2
NEHALEM	0.17	0.17	4.2
WILLAMINA-SHERIDAN	6.45	6.50	4.2
NEHALEM	0.03	0.03	4.2
WARRENTON-ASTORIA	0.17	0.26	4.2
CAPE ARAGO	6.37	6.69	4.2
ALBANY-JCT. CITY HWY. # 2	7.87	7.88	4.2
BREWERY GRADE CONN. NO. 2	18.96	18.97	4.2
CAPE ARAGO	7.20	7.54	4.2
ROGUE RIVER LOOP	2.48	2.56	4.2
CULVER	3.95	4.02	4.2
CLACKAMAS-BORING	6.76	6.90	4.2
MAPLETON-JUNCTION CITY	51.58	51.59	4.2

GOLD HILL SPUR	2.75	2.81	4.2
FREEWATER	3.29	3.43	4.2
ALBANY-JCT. CITY HWY. # 1	7.35	7.55	4.2
HALSEY-SWEET HOME	20.58	20.59	4.2
BARNETT RD. CONN. NO. 3	27.43	27.51	4.19
WILSONVILLE CONN. NO. 2	283.88	283.90	4.19
LOWER BOONES FERRY RD CN 2	290.53	290.61	4.19
WILSONVILLE CONN. NO. 2	283.84	283.88	4.19
WILSONVILLE CONN. NO. 2	283.83	283.84	4.19
WILSONVILLE CONN. NO. 2	283.90	283.93	4.19
REVERE AVE. CONN. NO. 2	137.13	137.13	4.19
THE DALLES-CALIFORNIA	92.89	92.94	4.19
OREGON-WASHINGTON	30.63	30.68	4.19
THE DALLES-CALIFORNIA	92.60	92.77	4.19
THE DALLES-CALIFORNIA	92.68	92.81	4.19
OREGON COAST	65.68	65.72	4.19
THE DALLES-CALIFORNIA	92.90	93.06	4.19
THE DALLES-CALIFORNIA	92.34	92.45	4.19
THE DALLES-CALIFORNIA	92.46	92.58	4.19
THE DALLES-CALIFORNIA	92.33	92.38	4.19
REVERE AVE. CONN. NO. 2	137.13	137.18	4.19
OREGON COAST	238.74	238.96	4.19
THE DALLES-CALIFORNIA	92.54	92.56	4.19
REVERE AVE. CONN. NO. 2	137.13	137.13	4.19
OREGON COAST	65.63	65.64	4.19
GREEN SPRINGS	1.77	1.91	4.19
PENDLETON-JOHN DAY	0.05	1.28	4.19
MCKENZIE	111.81	111.86	4.19
TUALATIN VALLEY	16.74	16.84	4.19
GREEN SPRINGS	1.43	1.72	4.19
MT. HOOD	24.57	24.61	4.19
REDWOOD	-1.15	-1.12	4.19
PENDLETON-JOHN DAY	0.69	0.99	4.19
MCKENZIE	2.27	2.95	4.19
REDWOOD	-1.29	-1.28	4.19
GREEN SPRINGS	1.98	2.08	4.19
MT. HOOD	24.04	24.39	4.19
REDWOOD	-1.89	-0.47	4.19
SANTIAM	12.61	12.65	4.19
E. SANDY CONN.	24.57	24.58	4.19
CORVALLIS-NEWPORT	50.18	50.51	4.19
REDWOOD	-1.61	-1.50	4.19
REDWOOD	-1.47	-1.38	4.19
TUALATIN VALLEY	16.21	16.28	4.19
OREGON COAST	113.18	113.26	4.19
OREGON COAST	238.44	239.00	4.19
PENDLETON-JOHN DAY	0.39	0.49	4.19
ALBANY-CORVALLIS	0.15	0.23	4.19
MT. HOOD	23.97	24.03	4.19
PENDLETON-JOHN DAY	1.04	1.31	4.19
PENDLETON-JOHN DAY	0.03	0.06	4.19
MONMOUTH-INDEPENDENCE	0.02	0.17	4.19
ROGUE VALLEY	22.10	22.13	4.19
MONMOUTH-INDEPENDENCE	1.44	1.54	4.19
CORNELL RD. CONN. NO. 3	65.99	66.05	4.19
ROGUE VALLEY	22.18	22.39	4.19
CEDAR HILLS BLVD CONN NO 2	68.34	68.37	4.19
SALEM	5.52	5.60	4.19
PACIFIC HIGHWAY WEST	23.41	23.47	4.19
PACIFIC HIGHWAY WEST	83.20	83.35	4.19
PACIFIC HIGHWAY WEST	23.56	23.61	4.19
PACIFIC HIGHWAY WEST	23.45	23.51	4.19
SALEM	5.56	5.64	4.19
PACIFIC HIGHWAY EAST	40.70	40.85	4.19
SALEM	6.20	6.30	4.19
PACIFIC HIGHWAY WEST	23.36	23.45	4.19
PENDLETON	3.89	3.92	4.19
PACIFIC HIGHWAY WEST	23.18	23.23	4.19
SALEM	6.24	6.30	4.19
SALEM	6.13	6.20	4.19
STARK-WASHINGTON ST CONN 3	20.58	20.58	4.19
PACIFIC HIGHWAY WEST	23.71	23.86	4.19
PACIFIC HIGHWAY EAST	15.01	15.13	4.19
PENDLETON	2.57	2.64	4.19
PACIFIC HIGHWAY WEST	23.62	23.71	4.19
SALEM	3.62	4.71	4.19
PACIFIC HIGHWAY EAST	40.52	40.54	4.19

PACIFIC HIGHWAY WEST	39.32	39.34	4.19
PACIFIC HIGHWAY WEST	83.35	83.42	4.19
PACIFIC HIGHWAY WEST	83.42	83.49	4.19
PACIFIC HIGHWAY EAST	42.15	42.21	4.19
PACIFIC HIGHWAY WEST	23.35	23.41	4.19
PACIFIC HIGHWAY EAST	41.45	41.98	4.19
PACIFIC HIGHWAY WEST	83.11	83.28	4.19
PACIFIC HIGHWAY EAST	30.46	30.61	4.19
PACIFIC HIGHWAY WEST	23.20	23.23	4.19
PACIFIC HIGHWAY EAST	40.89	40.92	4.19
SALEM	3.64	4.60	4.19
PACIFIC HIGHWAY WEST	23.76	23.78	4.19
PACIFIC HIGHWAY WEST	23.71	23.76	4.19
PACIFIC HIGHWAY WEST	123.31	123.32	4.19
JEFFERSON	8.13	8.14	4.19
NORTH UMPQUA HIGHWAY EAST	-0.57	-0.56	4.19
HILLSBORO-SILVERTON	50.71	50.72	4.19
NEHALEM	2.88	2.89	4.19
WILLAMINA-SHERIDAN	6.18	6.23	4.19
YAMHILL-NEWBERG	10.68	10.83	4.19
CASCADE HWY SOUTH	6.74	6.75	4.19
LOWER COLUMBIA RIVER	97.96	98.10	4.19
LOWER COLUMBIA RIVER	97.96	98.19	4.19
FORT STEVENS	6.01	6.03	4.19
NORTH UMPQUA HIGHWAY EAST	-0.49	-0.41	4.19
YAMHILL-NEWBERG	10.61	10.67	4.19
LOWER COLUMBIA RIVER	98.32	98.41	4.19
LOWER COLUMBIA RIVER	98.30	98.33	4.19
SALEM-DAYTON	0.88	1.10	4.19
HISTORIC COLUMBIA RIVER	0.74	0.78	4.19
LOWER COLUMBIA RIVER	98.39	98.45	4.19
HILLSBORO-SILVERTON	18.16	18.27	4.19
WARRENTON-ASTORIA	0.27	0.31	4.19
CASCADE HWY SOUTH	28.55	28.60	4.19
BEAVERTON-TUALATIN	8.07	8.29	4.19
BEAVERTON-TUALATIN	4.46	4.64	4.19
DALLAS-RICKREALL	0.00	0.15	4.19
CORVALLIS-LEBANON	-0.10	-0.06	4.19
FREEWATER	2.49	2.67	4.19
FREEWATER	2.67	2.92	4.19
GOLD HILL SPUR	2.65	2.73	4.19
FREEWATER	0.61	0.65	4.19
CORVALLIS-LEBANON	-0.05	0.00	4.19
GOSHEN-DIVIDE	14.66	14.72	4.19
ROGUE RIVER LOOP	2.23	2.37	4.19
MOHAWK INTCHG. CONN. NO. 2	6.10	6.18	4.19
TERRITORIAL	18.07	19.18	4.19
PAULINA	0.70	0.98	4.19
CORVALLIS-LEBANON	-0.01	0.00	4.19
PAULINA	0.17	0.46	4.19
CORVALLIS-LEBANON	-0.06	-0.01	4.19
PAULINA	0.07	0.10	4.19
GOSHEN-DIVIDE	14.75	14.79	4.19
PAULINA	1.05	1.18	4.19
ROGUE RIVER LOOP	1.71	1.75	4.19
EDWARDS ST. (BUNKER HILL)	239.60	239.65	4.18
WALLOWA LAKE	2.96	2.97	4.18
BAKER-COPPERFIELD	2.41	2.58	4.18
COOS BAY-ROSEBURG	71.62	71.73	4.18
OREGON COAST HWY CONN.	0.08	0.16	4.18
ROGUE VALLEY	19.15	19.21	4.18
BELTLINE	11.97	12.30	4.18
BELTLINE	12.30	12.33	4.18
JOHNSON CR. BLVD CONN NO 2	16.38	16.40	4.18
BELTLINE	11.99	12.26	4.18
JOHNSON CR. BLVD CONN NO 2	16.37	16.38	4.18
BELTLINE	12.30	12.31	4.18
LA GRANDE-BAKER	49.27	49.73	4.18
PACIFIC HIGHWAY WEST	108.92	108.97	4.18
JOHNSON CR. BLVD CONN NO 2	16.34	16.37	4.18
	12.30	12.31	4.18
BELTLINE	12.30	12.31	4.18
BELTLINE	12.26	12.32	4.18
	12.30	12.31	4.18
	12.30	12.31	4.18
PACIFIC HIGHWAY WEST	108.87	108.89	4.18
	12.30	12.31	4.18

BELTLINE	12.30	12.31	4.18
WARRENTON-ASTORIA	0.82	0.87	4.18
NETARTS	8.29	8.33	4.18
OREGON COAST HWY CONN NO 1	1.30	1.34	4.18
LOWER COLUMBIA RIVER	47.32	47.34	4.18
AMITY-DAYTON	8.28	8.48	4.18
COAST HWY CONN.	1.82	1.84	4.18
HISTORIC COLUMBIA RIVER	0.37	0.40	4.18
COAST HWY CONN.	1.63	1.67	4.18
NETARTS	8.33	8.35	4.18
WARRENTON-ASTORIA	0.82	0.88	4.18
COAST HWY CONN.	1.88	1.90	4.18
LOWER COLUMBIA RIVER	46.90	47.12	4.18
NEHALEM	1.75	2.09	4.18
WARRENTON-ASTORIA	0.73	0.82	4.18
NEHALEM	2.15	2.31	4.18
LOWER COLUMBIA RIVER	49.80	49.86	4.18
LOWER COLUMBIA RIVER	49.84	49.86	4.18
FREEWATER	0.66	2.05	4.18
FORT STEVENS SPUR	4.73	4.74	4.18
GOSHEN-DIVIDE	16.58	17.32	4.18
FORT STEVENS SPUR	4.43	4.62	4.18
FORT STEVENS SPUR	5.33	5.34	4.18
EUGENE-SPRINGFIELD	2.75	2.96	4.18
GOSHEN-DIVIDE	4.91	5.39	4.18
FORT STEVENS SPUR	5.02	5.17	4.18
GOSHEN-DIVIDE	15.99	16.43	4.18
JACKSONVILLE	5.92	5.93	4.18
FORT STEVENS SPUR	4.71	4.71	4.18
UPPER BOONES FERRY RD CN 2	291.30	291.35	4.17
UPPER BOONES FERRY RD CN 2	291.28	291.28	4.17
HOOD RIVER FRONTAGE RD.	64.02	64.07	4.17
UPPER BOONES FERRY RD CN 2	291.28	291.30	4.17
ROSS ISLAND BRIDGE CONN. 3	0.60	0.61	4.17
	2.74	2.78	4.17
TROUTDALE CONN. NO. 4	17.32	17.33	4.17
ROSS ISLAND BRIDGE CONN. 6	0.63	0.68	4.17
	2.52	2.72	4.17
ROSS ISLAND BRIDGE CONN. 3	0.62	0.63	4.17
OSWEGO	6.80	6.82	4.17
MCKENZIE-BEND N CONN. 2	135.54	135.57	4.17
TROUTDALE CONN. NO. 4	17.33	17.34	4.17
OREGON COAST	116.75	116.84	4.17
MORGAN LANE CONN. NO. 2	2.66	2.73	4.17
MORGAN LANE CONN. NO. 2	2.63	2.65	4.17
BIDDLE FRONTAGE ROAD	0.62	0.82	4.17
E. BEAVERTON CONN. NO. 2	2.97	3.22	4.17
TUALATIN VALLEY	13.50	13.54	4.17
3RD ST. CONN. NO. 1	19.76	19.86	4.17
PACIFIC HWY INTCHG. CONN.	0.95	1.09	4.17
MT. HOOD	24.58	24.59	4.17
DIVISION ST. CONN. NO 1	19.72	19.83	4.17
OREGON COAST	116.43	116.73	4.17
E. BEAVERTON CONN. NO. 2	2.94	2.97	4.17
SYLVAN INTCHGE. CONN. NO.1	0.39	0.41	4.17
MALIN HWY. CONN. NO. 1	5.58	5.63	4.17
SYLVAN INTCHGE. CONN. NO.1	0.15	0.20	4.17
MT. HOOD	24.62	24.63	4.17
BAKER-COPPERFIELD	0.45	0.48	4.17
DIVISION ST. CONN. NO 1	19.83	19.85	4.17
TUALATIN VALLEY	16.61	16.62	4.17
SYLVAN INTCHGE. CONN. NO.1	0.23	0.24	4.17
MORGAN LANE CONN. NO. 2	2.65	2.66	4.17
COOS BAY-ROSEBURG	72.63	72.77	4.17
SYLVAN CONN. NO. 6	71.73	71.74	4.17
PENDLETON HWY CONN.	30.71	30.82	4.17
OCHOCO	18.02	18.04	4.17
WESTERN BLVD. CONN. NO. 3	54.15	54.20	4.17
MONMOUTH-INDEPENDENCE	1.14	1.30	4.17
WESTERN BLVD. CONN. NO. 3	54.08	54.11	4.17
SYLVAN CONN. NO. 6	72.03	72.04	4.17
CORNELL RD. CONN. NO. 6	64.98	65.25	4.17
KLAMATH FALLS-LAKEVIEW CON	0.11	0.16	4.17
WESTERN BLVD. CONN. NO. 1	54.21	54.25	4.17
OCHOCO	18.04	18.09	4.17
SYLVAN CONN. NO. 5	70.98	71.10	4.17
ROGUE VALLEY	19.28	19.32	4.17

MURRAY BLVD. CONN. NO 6	67.13	67.20	4.17
WESTERN BLVD. CONN. NO. 3	54.11	54.15	4.17
PACIFIC HWY. WEST CONN. 2	43.53	43.60	4.17
SYLVAN CONN. NO. 6	71.30	71.40	4.17
SYLVAN CONN. NO. 6	71.53	71.56	4.17
MURRAY BLVD. CONN. NO. 2	66.93	67.18	4.17
PACIFIC HWY. WEST CONN. 2	43.53	43.54	4.17
OCHOCO	18.04	18.04	4.17
MT. HOOD HWY CONN. NO. 2	1.55	1.62	4.17
WILLAMINA-SALEM HWY CONN.	4.87	4.96	4.17
MT. HOOD HWY CONN. NO. 1	1.47	1.52	4.17
PACIFIC HIGHWAY WEST	38.12	38.22	4.17
PACIFIC HIGHWAY WEST	122.13	122.19	4.17
TACOMA ST INTERCHG CONN. 2	4.35	4.45	4.17
PACIFIC HIGHWAY WEST	-0.44	-0.41	4.17
SALEM	5.43	5.47	4.17
PACIFIC HIGHWAY WEST	123.27	123.29	4.17
PACIFIC HIGHWAY WEST	122.07	122.12	4.17
MT. HOOD HWY CONN. NO. 3	1.52	1.58	4.17
PACIFIC HIGHWAY WEST	123.29	123.30	4.17
PENDLETON	4.62	4.74	4.17
OREGON-WASHINGTON HWY CONN	4.92	4.96	4.17
TIGARD CONN. NO. 3	7.37	7.39	4.17
PACIFIC HIGHWAY WEST	122.13	122.22	4.17
PACIFIC HIGHWAY WEST	38.07	38.09	4.17
MIKWAUKIE AVE. CONN.	2.59	2.67	4.17
WOODBURN-ESTACADA	12.51	12.52	4.17
LANCASTER DRIVE CONN. NO 2	1.82	1.84	4.17
LOWER COLUMBIA RIVER	97.00	97.07	4.17
HILLSBORO-SILVERTON	37.66	37.86	4.17
NEHALEM	90.63	90.64	4.17
NEHALEM	90.39	90.48	4.17
NORTH UMPQUA HIGHWAY EAST	-0.65	-0.56	4.17
122ND BLVD. CONN.	12.51	12.60	4.17
LANCASTER DRIVE CONN. NO 2	1.91	1.96	4.17
SALEM-DAYTON	0.62	0.67	4.17
HILLSBORO-SILVERTON	37.87	37.93	4.17
LOWER COLUMBIA RIVER	97.62	97.85	4.17
YAMHILL-NEWBERG	10.97	11.04	4.17
CLACKAMAS	9.25	9.27	4.17
HILLSBORO-SILVERTON	37.44	37.45	4.17
HISTORIC COLUMBIA RIVER	50.53	50.74	4.17
HISTORIC COLUMBIA RIVER	50.74	51.04	4.17
WOODBURN-ESTACADA	12.70	12.76	4.17
1ST STREET CONN. NO. 1	20.65	20.73	4.17
HOOD RIVER	0.16	0.20	4.17
MCKENZIE HWY CONN.	10.02	10.02	4.17
EUGENE-SPRINGFIELD CONN. 2	0.41	0.48	4.17
MCKENZIE HWY CONN.	10.02	10.02	4.17
EUGENE-SPRINGFIELD CONN. 2	0.38	0.40	4.17
EUGENE-SPRINGFIELD CONN. 1	0.26	0.31	4.17
HERMISTON	6.71	6.81	4.17
JACKSONVILLE	33.80	34.07	4.17
ESPLANADE SPUR	4.97	5.10	4.17
JACKSONVILLE	0.21	0.26	4.17
EUGENE-SPRINGFIELD CONN. 2	0.40	0.41	4.17
ELKTON-SUTHERLIN	24.46	24.47	4.17
KINGS VALLEY	2.57	2.61	4.17
RIDDLE RD. CONN. NO. 3	104.16	104.27	4.16
RIDDLE RD. CONN. NO. 3	104.06	104.08	4.16
RIDDLE RD. CONN. NO. 3	104.08	104.16	4.16
RIDDLE RD. CONN. NO. 3	104.00	104.04	4.16
RIDDLE RD. CONN. NO. 3	103.98	104.00	4.16
BARNETT RD. CONN. NO. 3	27.65	27.67	4.16
RIDDLE RD. CONN. NO. 3	104.04	104.06	4.16
THE DALLES-CALIFORNIA	92.00	92.02	4.16
WALLOWA LAKE	2.34	2.41	4.16
WALLOWA LAKE	2.41	2.49	4.16
PENDLETON-JOHN DAY	1.34	1.35	4.16
BAKER-COPPERFIELD	0.37	0.42	4.16
OCHOCO	0.26	0.39	4.16
MONMOUTH-INDEPENDENCE	1.65	1.68	4.16
HELVETIA RD. CONN. NO. 2	61.37	61.38	4.16
MONMOUTH-INDEPENDENCE	0.79	1.02	4.16
WHITNEY	50.69	50.73	4.16
SUNNYBROOK RD. CONN. NO. 2	14.36	14.43	4.16
LA GRANDE-BAKER	52.22	52.23	4.16

WHITNEY	50.46	50.49	4.16
SILVER CREEK FALLS	40.19	40.56	4.16
CASCADE HWY SOUTH	29.27	29.43	4.16
HISTORIC COLUMBIA RIVER	50.30	50.36	4.16
HERMISTON	8.56	8.57	4.16
HOOD RIVER	0.00	0.06	4.16
CORVALLIS-LEBANON	17.66	18.01	4.16
HERMISTON	8.35	8.42	4.16
HOOD RIVER	0.55	0.66	4.16
HERMISTON	8.68	8.71	4.16
HERMISTON	8.53	8.61	4.16
CLACKAMAS-BORING	6.99	7.06	4.16
HERMISTON	8.30	8.41	4.16
HERMISTON	8.59	8.67	4.16
HERMISTON	8.47	8.55	4.16
MONMOUTH	6.75	6.90	4.16
HOOD RIVER	0.62	0.73	4.16
PACIFIC	299.96	299.97	4.15
PACIFIC	299.90	300.07	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	293.15	293.16	4.15
PACIFIC	297.05	297.26	4.15
PACIFIC	303.82	303.95	4.15
PACIFIC	293.05	293.13	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	299.96	299.97	4.15
OLD STAGE RD. FRONTAGE RD.	41.48	41.72	4.15
PACIFIC	303.23	303.44	4.15
PACIFIC	305.41	305.42	4.15
PACIFIC	302.95	302.97	4.15
PACIFIC	299.82	299.83	4.15
PACIFIC	301.90	301.91	4.15
PACIFIC	299.52	299.53	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	293.60	293.62	4.15
PACIFIC	293.63	293.75	4.15
PACIFIC	292.17	292.21	4.15
PACIFIC	193.57	193.78	4.15
PACIFIC	300.06	300.09	4.15
PACIFIC	301.90	301.91	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	301.90	301.91	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	298.87	299.23	4.15
PACIFIC	303.95	303.98	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	292.20	292.24	4.15
PACIFIC	292.50	292.56	4.15
PACIFIC	295.74	296.30	4.15
PACIFIC	305.44	305.65	4.15
PACIFIC	299.82	299.83	4.15
PACIFIC	301.90	301.91	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	301.90	301.91	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	299.74	299.79	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	294.86	295.05	4.15
PACIFIC	301.90	301.91	4.15
PACIFIC	299.52	299.74	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	299.17	299.19	4.15
PACIFIC	299.99	300.03	4.15
PACIFIC	293.36	293.53	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	284.00	284.05	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	301.90	301.91	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	294.87	295.03	4.15
PACIFIC	299.25	299.52	4.15
PACIFIC	304.75	304.91	4.15
PACIFIC	296.96	297.00	4.15
PACIFIC	299.82	299.83	4.15
PACIFIC	284.13	284.41	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	301.91	302.01	4.15
PACIFIC	299.96	299.97	4.15

PACIFIC	294.04	294.86	4.15
PACIFIC	299.83	299.96	4.15
PACIFIC	292.86	292.89	4.15
PACIFIC	300.03	300.06	4.15
PACIFIC	193.51	193.57	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	301.77	301.91	4.15
PACIFIC	301.71	301.96	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	304.96	305.08	4.15
LAMPMAN FRONTAGE RD.	41.00	41.13	4.15
PACIFIC	299.19	299.52	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	296.60	296.96	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	284.05	284.37	4.15
OLD STAGE RD. FRONTAGE RD.	41.14	41.23	4.15
PACIFIC	305.29	305.40	4.15
PACIFIC	193.46	193.69	4.15
PACIFIC	299.75	299.82	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	292.16	292.20	4.15
PACIFIC	293.75	293.79	4.15
PACIFIC	303.18	303.46	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	297.00	297.19	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	305.40	305.41	4.15
PACIFIC	299.83	299.83	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	302.09	302.68	4.15
PACIFIC	300.09	300.27	4.15
PACIFIC	302.74	302.92	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	295.21	295.53	4.15
PACIFIC	293.79	294.04	4.15
PACIFIC	292.56	292.86	4.15
PACIFIC	305.28	305.41	4.15
PACIFIC	305.40	305.41	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	301.90	301.91	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	305.40	305.41	4.15
PACIFIC	299.82	299.83	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	293.80	294.05	4.15
PACIFIC	293.19	293.28	4.15
PACIFIC	304.74	304.88	4.15
PACIFIC	301.90	301.91	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	296.68	297.05	4.15
PACIFIC	299.82	299.83	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	301.90	301.91	4.15
PACIFIC	301.90	301.91	4.15
PACIFIC	299.97	299.99	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	293.06	293.13	4.15
PACIFIC	296.30	296.68	4.15
PACIFIC	304.47	304.75	4.15
PACIFIC	292.08	292.17	4.15
PACIFIC	301.90	301.91	4.15
PACIFIC	301.96	302.09	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	293.62	293.75	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	305.00	305.09	4.15
PACIFIC	305.40	305.41	4.15
PACIFIC	301.90	301.91	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	293.15	293.16	4.15
PACIFIC	299.23	299.25	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	301.90	301.91	4.15
PACIFIC	305.41	305.45	4.15
PACIFIC	305.40	305.41	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	302.01	302.60	4.15

PACIFIC	300.10	300.26	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	299.58	299.75	4.15
PACIFIC	299.79	299.90	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	296.32	296.60	4.15
PACIFIC	295.19	295.74	4.15
PACIFIC	298.85	299.17	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	295.03	295.21	4.15
PACIFIC	295.05	295.19	4.15
PACIFIC	305.40	305.41	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	293.75	293.80	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	305.49	305.68	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	301.90	301.91	4.15
PACIFIC	304.50	304.74	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	299.96	299.97	4.15
LAMPMAN FRONTAGE RD.	41.39	41.72	4.15
PACIFIC	305.40	305.41	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	302.68	302.74	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	292.12	292.16	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	295.53	296.32	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	301.90	301.91	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	305.40	305.41	4.15
PACIFIC	299.82	299.83	4.15
PACIFIC	304.43	304.50	4.15
PACIFIC	299.82	299.83	4.15
PACIFIC	303.98	304.47	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	299.82	299.83	4.15
PACIFIC	292.21	292.23	4.15
PACIFIC	301.90	301.91	4.15
PACIFIC	300.07	300.10	4.15
PACIFIC	283.90	284.08	4.15
PACIFIC	299.96	299.97	4.15
PACIFIC	292.52	292.54	4.15
PACIFIC	299.96	299.97	4.15
COLUMBIA RIVER	3.01	3.03	4.15
COLUMBIA RIVER	0.00	0.01	4.15
WEST MARQUAM INTCHG.	300.27	300.28	4.15
COLUMBIA RIVER	0.00	0.01	4.15
COLUMBIA RIVER	12.80	13.00	4.15
WEST MARQUAM INTCHG.	300.27	300.28	4.15
COLUMBIA RIVER	0.00	0.01	4.15
OSWEGO HWY CONN. NO. 2	299.83	299.84	4.15
COLUMBIA RIVER	0.00	0.01	4.15
COLUMBIA RIVER	2.14	2.15	4.15
COLUMBIA RIVER	3.51	3.54	4.15
WEST MARQUAM INTCHG.	300.27	300.28	4.15
COLUMBIA RIVER	5.20	5.21	4.15
COLUMBIA RIVER	0.82	1.33	4.15
WEST MARQUAM INTCHG.	300.27	300.28	4.15
WEST MARQUAM INTCHG.	300.27	300.27	4.15
COLUMBIA RIVER	0.00	0.01	4.15
WEST MARQUAM INTCHG.	300.48	300.57	4.15
E FREMONT INTCHG. CONN.	302.74	302.98	4.15
COLUMBIA RIVER	5.75	5.76	4.15
COLUMBIA RIVER	17.18	17.35	4.15
WEST MARQUAM INTCHG.	300.27	300.27	4.15
COLUMBIA RIVER	3.49	3.49	4.15
COLUMBIA RIVER	17.46	17.56	4.15
WEST MARQUAM INTCHG.	300.27	300.27	4.15
COLUMBIA RIVER	0.00	0.01	4.15
WEST MARQUAM INTCHG.	300.27	300.28	4.15
WEST MARQUAM INTCHG.	300.54	300.57	4.15
DEL RIO RD. CONN. NO. 6	129.46	129.47	4.15
WEST MARQUAM INTCHG.	300.27	300.28	4.15

WEST MARQUAM INTCHG.	300.27	300.27	4.15
WEST MARQUAM INTCHG.	300.29	300.38	4.15
COLUMBIA RIVER	5.00	5.16	4.15
COLUMBIA RIVER	3.54	3.74	4.15
COLUMBIA RIVER	5.78	5.79	4.15
WEST MARQUAM INTCHG.	300.27	300.27	4.15
WEST MARQUAM INTCHG.	300.40	300.47	4.15
DEL RIO RD. CONN. NO. 6	129.42	129.45	4.15
COLUMBIA RIVER	5.76	5.78	4.15
COLUMBIA RIVER	5.81	5.93	4.15
WEST MARQUAM INTCHG.	300.27	300.28	4.15
COLUMBIA RIVER	4.80	5.00	4.15
WEST MARQUAM INTCHG.	300.54	300.57	4.15
COLUMBIA RIVER HWY CONN. 1	301.61	301.64	4.15
WEST MARQUAM INTCHG.	300.27	300.27	4.15
COLUMBIA RIVER	2.79	2.98	4.15
WEST MARQUAM INTCHG.	300.27	300.27	4.15
COLUMBIA RIVER	3.17	3.49	4.15
WEST MARQUAM INTCHG.	300.27	300.27	4.15
OSWEGO HWY CONN. NO. 2	299.83	299.84	4.15
COLUMBIA RIVER	0.20	0.37	4.15
COLUMBIA RIVER	2.00	2.43	4.15
WEST MARQUAM INTCHG.	300.27	300.28	4.15
COLUMBIA RIVER	17.56	17.60	4.15
WEST MARQUAM INTCHG.	300.54	300.57	4.15
COLUMBIA RIVER	2.15	2.99	4.15
COLUMBIA RIVER	17.56	17.64	4.15
COLUMBIA RIVER	0.00	0.09	4.15
WEST MARQUAM INTCHG.	300.54	300.57	4.15
DEL RIO RD. CONN. NO. 6	129.56	129.60	4.15
COLUMBIA RIVER	12.82	13.04	4.15
WEST MARQUAM INTCHG.	300.27	300.28	4.15
WEST MARQUAM INTCHG.	300.27	300.27	4.15
OSWEGO HWY CONN. NO. 2	299.83	299.84	4.15
WEST MARQUAM INTCHG.	300.27	300.28	4.15
COLUMBIA RIVER	0.00	0.01	4.15
OSWEGO HWY CONN. NO. 2	299.83	299.84	4.15
DEL RIO RD. CONN. NO. 6	129.55	129.56	4.15
COLUMBIA RIVER	4.73	4.76	4.15
COLUMBIA RIVER	3.49	3.49	4.15
COLUMBIA RIVER	0.37	0.50	4.15
WEST MARQUAM INTCHG.	300.27	300.28	4.15
COLUMBIA RIVER	3.51	3.57	4.15
OSWEGO HWY CONN. NO. 2	299.83	299.84	4.15
COLUMBIA RIVER	0.59	1.19	4.15
WEST MARQUAM INTCHG.	300.57	300.65	4.15
COLUMBIA RIVER	0.00	0.01	4.15
COLUMBIA RIVER	0.32	0.33	4.15
COLUMBIA RIVER	5.03	5.06	4.15
COLUMBIA RIVER	0.00	0.01	4.15
COLUMBIA RIVER	4.22	4.47	4.15
WEST MARQUAM INTCHG.	300.27	300.27	4.15
COLUMBIA RIVER	0.00	0.01	4.15
WEST MARQUAM INTCHG.	300.47	300.48	4.15
DEL RIO RD. CONN. NO. 6	129.45	129.46	4.15
WEST MARQUAM INTCHG.	300.27	300.28	4.15
COLUMBIA RIVER	0.00	0.01	4.15
COLUMBIA RIVER	3.38	3.46	4.15
COLUMBIA RIVER	17.39	17.56	4.15
WEST MARQUAM INTCHG.	300.28	300.29	4.15
OSWEGO HWY CONN. NO. 2	299.83	299.84	4.15
COLUMBIA RIVER	3.02	3.03	4.15
WEST MARQUAM INTCHG.	300.38	300.39	4.15
WEST MARQUAM INTCHG.	300.39	300.40	4.15
DEL RIO RD. CONN. NO. 6	129.30	129.42	4.15
COLUMBIA RIVER HWY CONN. 1	301.64	301.81	4.15
COLUMBIA RIVER	4.75	5.03	4.15
COLUMBIA RIVER	0.00	0.01	4.15
WEST MARQUAM INTCHG.	300.27	300.28	4.15
COLUMBIA RIVER	0.00	0.20	4.15
COLUMBIA RIVER	5.06	5.25	4.15
WEST MARQUAM INTCHG.	300.27	300.27	4.15
COLUMBIA RIVER	0.54	0.66	4.15
COLUMBIA RIVER	5.78	5.88	4.15
WEST MARQUAM INTCHG.	300.54	300.57	4.15
WEST MARQUAM INTCHG.	300.27	300.27	4.15
COLUMBIA RIVER	4.17	4.44	4.15

COLUMBIA RIVER	0.00	0.01	4.15
WEST MARQUAM INTCHG.	300.27	300.27	4.15
WEST MARQUAM INTCHG.	300.54	300.57	4.15
WEST MARQUAM INTCHG.	300.27	300.28	4.15
COLUMBIA RIVER	0.00	0.01	4.15
WEST MARQUAM INTCHG.	300.27	300.27	4.15
COLUMBIA RIVER	1.41	2.00	4.15
WEST MARQUAM INTCHG.	300.27	300.27	4.15
COLUMBIA RIVER	3.57	3.75	4.15
OSWEGO HWY CONN. NO. 2	299.83	299.84	4.15
DEL RIO RD. CONN. NO. 6	129.47	129.55	4.15
OSWEGO HWY CONN. NO. 2	299.83	299.84	4.15
COLUMBIA RIVER	5.79	5.81	4.15
WEST MARQUAM INTCHG.	300.27	300.28	4.15
WEST MARQUAM INTCHG.	300.54	300.57	4.15
COLUMBIA RIVER	3.17	3.36	4.15
COLUMBIA RIVER	13.04	13.05	4.15
COLUMBIA RIVER	2.43	2.71	4.15
COLUMBIA RIVER	0.00	0.01	4.15
WEST MARQUAM INTCHG.	300.27	300.28	4.15
COLUMBIA RIVER	0.33	0.54	4.15
COLUMBIA RIVER	16.27	16.29	4.15
WEST MARQUAM INTCHG.	300.27	300.27	4.15
CORVALLIS-NEWPORT	56.15	56.18	4.15
CORVALLIS-NEWPORT HWY CONN	58.55	58.55	4.15
CORVALLIS-NEWPORT HWY CONN	58.55	58.55	4.15
STADIUM FREEWAY	0.67	0.68	4.15
STADIUM FREEWAY	0.56	0.57	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	3.68	3.75	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	0.57	0.57	4.15
STADIUM FREEWAY	0.68	0.68	4.15
SUNSET	65.90	65.95	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	0.67	0.68	4.15
STADIUM FREEWAY	0.44	0.44	4.15
W. MARQUAM INTCHG. CONN. 2	0.94	0.94	4.15
STADIUM FREEWAY	0.44	0.44	4.15
SUNSET	64.67	65.24	4.15
STADIUM FREEWAY	1.90	1.97	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	1.55	1.55	4.15
STADIUM FREEWAY	0.68	0.68	4.15
STADIUM FREEWAY	0.57	0.57	4.15
STADIUM FREEWAY	0.52	0.52	4.15
SUNSET	65.39	65.41	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	1.57	1.62	4.15
STADIUM FREEWAY	1.53	1.54	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	0.68	0.68	4.15
SUNSET	73.65	73.75	4.15
STADIUM FREEWAY	0.43	0.44	4.15
STADIUM FREEWAY	1.36	1.41	4.15
STADIUM FREEWAY	1.08	1.09	4.15
SUNSET	66.93	67.14	4.15
STADIUM FREEWAY	0.56	0.57	4.15
SUNSET	69.20	69.30	4.15
STADIUM FREEWAY	0.55	0.66	4.15
W. MARQUAM INTCHG. CONN. 2	0.94	0.94	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	0.43	0.44	4.15
STADIUM FREEWAY	0.57	0.64	4.15
STADIUM FREEWAY	0.52	0.52	4.15
SUNSET	69.21	69.22	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	3.90	4.19	4.15
STADIUM FREEWAY	1.97	2.11	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	0.52	0.52	4.15
SUNSET	67.14	67.41	4.15
W. MARQUAM INTCHG. CONN. 2	0.94	0.94	4.15
W. MARQUAM INTCHG. CONN. 2	0.99	1.00	4.15
STADIUM FREEWAY	0.68	0.68	4.15
STADIUM FREEWAY	0.44	0.44	4.15

STADIUM FREEWAY	0.47	0.52	4.15
STADIUM FREEWAY	0.44	0.44	4.15
W. MARQUAM INTCHG. CONN. 2	1.15	1.17	4.15
STADIUM FREEWAY	0.43	0.44	4.15
STADIUM FREEWAY	0.69	0.76	4.15
STADIUM FREEWAY	0.67	0.68	4.15
SUNSET	65.67	65.90	4.15
W. MARQUAM INTCHG. CONN. 2	0.94	0.95	4.15
STADIUM FREEWAY	1.55	1.57	4.15
STADIUM FREEWAY	0.67	0.68	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	0.44	0.44	4.15
W. MARQUAM INTCHG. CONN. 2	0.94	0.94	4.15
STADIUM FREEWAY	1.88	1.90	4.15
STADIUM FREEWAY	0.43	0.44	4.15
W. MARQUAM INTCHG. CONN. 2	0.94	0.95	4.15
STADIUM FREEWAY	0.68	0.68	4.15
SUNSET	65.41	65.67	4.15
STADIUM FREEWAY	0.57	0.57	4.15
STADIUM FREEWAY	0.52	0.52	4.15
SUNSET	65.68	65.92	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	0.57	0.57	4.15
STADIUM FREEWAY	0.67	0.68	4.15
STADIUM FREEWAY	0.44	0.44	4.15
W. MARQUAM INTCHG. CONN. 2	0.94	0.95	4.15
STADIUM FREEWAY	0.44	0.44	4.15
W. MARQUAM INTCHG. CONN. 2	0.94	0.95	4.15
STADIUM FREEWAY	0.43	0.44	4.15
JEFFERSON ST. CONN. NO. 2	73.07	73.10	4.15
STADIUM FREEWAY	1.15	1.29	4.15
STADIUM FREEWAY	0.99	1.02	4.15
SUNSET	67.52	67.54	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	0.52	0.53	4.15
STADIUM FREEWAY	0.43	0.44	4.15
SUNSET	70.88	70.91	4.15
STADIUM FREEWAY	0.68	0.69	4.15
STADIUM FREEWAY	0.56	0.57	4.15
STADIUM FREEWAY	0.64	0.64	4.15
STADIUM FREEWAY	2.11	2.45	4.15
STADIUM FREEWAY	0.57	0.57	4.15
STADIUM FREEWAY	0.68	0.68	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	0.27	0.47	4.15
W. MARQUAM INTCHG. CONN. 2	1.15	1.17	4.15
STADIUM FREEWAY	1.24	1.50	4.15
STADIUM FREEWAY	0.21	0.29	4.15
W. MARQUAM INTCHG. CONN. 2	0.99	1.00	4.15
STADIUM FREEWAY	1.90	1.96	4.15
STADIUM FREEWAY	0.68	0.68	4.15
SUNSET	68.36	68.73	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	0.67	0.68	4.15
SUNSET	70.88	70.91	4.15
STADIUM FREEWAY	4.16	4.21	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	0.16	0.24	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	3.07	3.08	4.15
W. MARQUAM INTCHG. CONN. 2	1.15	1.17	4.15
STADIUM FREEWAY	2.76	3.08	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	1.14	1.15	4.15
STADIUM FREEWAY	0.68	0.68	4.15
SUNSET	67.54	67.72	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	0.67	0.68	4.15
SUNSET	71.20	71.31	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	2.89	3.07	4.15
STADIUM FREEWAY	3.74	3.78	4.15
STADIUM FREEWAY	0.43	0.44	4.15
W. MARQUAM INTCHG. CONN. 2	0.99	1.00	4.15
STADIUM FREEWAY	2.45	2.62	4.15
STADIUM FREEWAY	1.01	1.03	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	0.66	0.67	4.15
STADIUM FREEWAY	0.44	0.44	4.15

W. MARQUAM INTCHG. CONN. 2	1.15	1.17	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	0.95	0.98	4.15
STADIUM FREEWAY	0.44	0.44	4.15
SUNSET	71.19	71.30	4.15
STADIUM FREEWAY	0.52	0.52	4.15
SUNSET	65.92	65.96	4.15
W. MARQUAM INTCHG. CONN. 2	0.94	0.94	4.15
STADIUM FREEWAY	1.09	1.17	4.15
SUNSET	66.92	66.93	4.15
STADIUM FREEWAY	0.56	0.57	4.15
SUNSET	69.16	69.17	4.15
SUNSET	69.17	69.21	4.15
W. MARQUAM INTCHG. CONN. 2	0.94	0.94	4.15
STADIUM FREEWAY	0.44	0.44	4.15
W. MARQUAM INTCHG. CONN. 2	0.99	1.00	4.15
STADIUM FREEWAY	2.45	2.59	4.15
STADIUM FREEWAY	0.56	0.57	4.15
STADIUM FREEWAY	0.68	0.68	4.15
STADIUM FREEWAY	0.44	0.44	4.15
W. MARQUAM INTCHG. CONN. 2	1.17	1.26	4.15
W. MARQUAM INTCHG. CONN. 2	0.99	1.00	4.15
STADIUM FREEWAY	1.62	1.65	4.15
STADIUM FREEWAY	1.02	1.08	4.15
STADIUM FREEWAY	3.68	3.74	4.15
W. MARQUAM INTCHG. CONN. 2	0.99	1.00	4.15
STADIUM FREEWAY	1.03	1.06	4.15
STADIUM FREEWAY	0.68	0.68	4.15
SUNSET	73.75	73.81	4.15
STADIUM FREEWAY	0.56	0.57	4.15
STADIUM FREEWAY	0.67	0.68	4.15
SUNSET	69.07	69.17	4.15
STADIUM FREEWAY	0.44	0.44	4.15
W. MARQUAM INTCHG. CONN. 2	0.94	0.94	4.15
STADIUM FREEWAY	0.67	0.68	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	0.67	0.68	4.15
SUNSET	71.05	71.09	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	0.24	0.27	4.15
SUNSET	71.47	71.57	4.15
STADIUM FREEWAY	0.44	0.44	4.15
SUNSET	65.41	65.68	4.15
STADIUM FREEWAY	1.66	1.88	4.15
W. MARQUAM INTCHG. CONN. 2	0.99	1.00	4.15
STADIUM FREEWAY	1.41	1.52	4.15
STADIUM FREEWAY	0.67	0.68	4.15
SUNSET	64.81	65.41	4.15
STADIUM FREEWAY	0.57	0.57	4.15
STADIUM FREEWAY	0.67	0.68	4.15
SUNSET	66.91	67.14	4.15
SUNSET	69.22	69.22	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	3.88	3.90	4.15
W. MARQUAM INTCHG. CONN. 2	0.94	0.95	4.15
STADIUM FREEWAY	0.02	0.21	4.15
STADIUM FREEWAY	0.44	0.44	4.15
W. MARQUAM INTCHG. CONN. 2	1.15	1.17	4.15
STADIUM FREEWAY	1.50	1.53	4.15
STADIUM FREEWAY	1.52	1.55	4.15
STADIUM FREEWAY	0.68	0.68	4.15
SUNSET	67.14	67.18	4.15
STADIUM FREEWAY	0.44	0.44	4.15
SUNSET	69.17	69.17	4.15
STADIUM FREEWAY	0.53	0.55	4.15
SUNSET	67.49	67.55	4.15
W. MARQUAM INTCHG. CONN. 2	1.15	1.17	4.15
STADIUM FREEWAY	3.98	4.07	4.15
STADIUM FREEWAY	0.44	0.44	4.15
SUNSET	71.04	71.08	4.15
STADIUM FREEWAY	1.68	1.88	4.15
STADIUM FREEWAY	0.68	0.68	4.15
STADIUM FREEWAY	0.56	0.57	4.15
STADIUM FREEWAY	-0.04	-0.03	4.15
SUNSET	69.23	69.53	4.15
STADIUM FREEWAY	0.44	0.44	4.15
SUNSET	68.83	69.16	4.15

STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	0.68	0.68	4.15
STADIUM FREEWAY	0.44	0.44	4.15
SUNSET	69.17	69.18	4.15
STADIUM FREEWAY	0.52	0.52	4.15
SUNSET	69.22	69.23	4.15
STADIUM FREEWAY	1.54	1.60	4.15
STADIUM FREEWAY	2.10	2.45	4.15
STADIUM FREEWAY	0.67	0.68	4.15
SUNSET	67.19	67.41	4.15
STADIUM FREEWAY	0.44	0.57	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	2.69	2.89	4.15
W. MARQUAM INTCHG. CONN. 2	1.15	1.17	4.15
STADIUM FREEWAY	1.65	1.66	4.15
STADIUM FREEWAY	0.43	0.44	4.15
STADIUM FREEWAY	1.06	1.14	4.15
STADIUM FREEWAY	0.68	0.68	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	0.44	0.44	4.15
W. MARQUAM INTCHG. CONN. 2	0.94	0.95	4.15
STADIUM FREEWAY	0.68	0.68	4.15
STADIUM FREEWAY	0.68	0.68	4.15
STADIUM FREEWAY	0.44	0.44	4.15
SUNSET	73.75	73.80	4.15
W. MARQUAM INTCHG. CONN. 2	0.94	0.95	4.15
STADIUM FREEWAY	0.95	1.01	4.15
STADIUM FREEWAY	0.67	0.68	4.15
STADIUM FREEWAY	0.57	0.57	4.15
STADIUM FREEWAY	0.52	0.52	4.15
STADIUM FREEWAY	0.44	0.44	4.15
W. MARQUAM INTCHG. CONN. 2	0.94	0.95	4.15
STADIUM FREEWAY	1.60	1.65	4.15
STADIUM FREEWAY	0.29	0.38	4.15
STADIUM FREEWAY	1.65	1.68	4.15
STADIUM FREEWAY	0.68	0.68	4.15
SUNSET	68.18	68.36	4.15
STADIUM FREEWAY	0.44	0.44	4.15
SUNSET	69.18	69.20	4.15
STADIUM FREEWAY	0.52	0.52	4.15
SUNSET	69.01	69.07	4.15
W. MARQUAM INTCHG. CONN. 2	0.94	0.94	4.15
W. MARQUAM INTCHG. CONN. 2	0.99	1.00	4.15
STADIUM FREEWAY	1.96	2.10	4.15
STADIUM FREEWAY	-0.04	0.16	4.15
SUNSET	73.62	73.75	4.15
SUNSET	71.31	71.47	4.15
W. MARQUAM INTCHG. CONN. 2	1.15	1.17	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	0.67	0.68	4.15
STADIUM FREEWAY	0.44	0.44	4.15
SUNSET	68.41	68.83	4.15
W. MARQUAM INTCHG. CONN. 2	0.94	0.95	4.15
STADIUM FREEWAY	1.88	1.90	4.15
STADIUM FREEWAY	0.98	0.99	4.15
STADIUM FREEWAY	0.44	0.44	4.15
STADIUM FREEWAY	0.67	0.68	4.15
EAST PORTLAND FREEWAY	9.56	9.66	4.15
EAST PORTLAND FREEWAY	18.00	18.12	4.15
EAST PORTLAND FREEWAY	14.60	14.79	4.15
EAST PORTLAND FREEWAY	8.50	8.50	4.15
OREGON CITY CONN. NO. 1	11.83	11.85	4.15
EAST PORTLAND FREEWAY	8.38	8.50	4.15
EAST PORTLAND FREEWAY	9.26	9.28	4.15
EAST PORTLAND FREEWAY	17.80	17.86	4.15
EAST PORTLAND FREEWAY	20.57	20.57	4.15
EAST PORTLAND FREEWAY	21.60	21.61	4.15
EAST PORTLAND FREEWAY	9.26	9.28	4.15
EAST PORTLAND FREEWAY	18.12	18.15	4.15
EAST PORTLAND FREEWAY	8.50	8.50	4.15
EAST PORTLAND FREEWAY	9.52	9.68	4.15
EAST PORTLAND FREEWAY	6.66	6.88	4.15
EAST PORTLAND FREEWAY	17.79	17.85	4.15
EAST PORTLAND FREEWAY	6.87	6.93	4.15
EAST PORTLAND FREEWAY	8.54	8.72	4.15
EAST PORTLAND FREEWAY	12.05	12.22	4.15

EAST PORTLAND FREEWAY	20.71	20.73	4.15
OREGON CITY CONN. NO. 1	11.83	11.85	4.15
EAST PORTLAND FREEWAY	14.32	14.33	4.15
EAST PORTLAND FREEWAY	23.63	23.70	4.15
EAST PORTLAND FREEWAY	14.37	14.54	4.15
EAST PORTLAND FREEWAY	21.62	21.63	4.15
EAST PORTLAND FREEWAY	9.28	9.56	4.15
EAST PORTLAND FREEWAY	20.63	20.64	4.15
EAST PORTLAND FREEWAY	17.06	17.13	4.15
EAST PORTLAND FREEWAY	6.46	6.48	4.15
EAST PORTLAND FREEWAY	17.75	17.80	4.15
EAST PORTLAND FREEWAY	9.28	9.52	4.15
EAST PORTLAND FREEWAY	20.57	20.60	4.15
EAST PORTLAND FREEWAY	14.52	14.60	4.15
EAST PORTLAND FREEWAY	8.53	8.72	4.15
EAST PORTLAND FREEWAY	23.70	23.75	4.15
JOHNSON CR. BLVD CONN NO 2	16.22	16.24	4.15
EAST PORTLAND FREEWAY	9.06	9.26	4.15
OREGON CITY CONN. NO. 1	11.83	11.85	4.15
EAST PORTLAND FREEWAY	8.50	8.52	4.15
EAST PORTLAND FREEWAY	21.61	21.62	4.15
EAST PORTLAND FREEWAY	14.30	14.35	4.15
EAST PORTLAND FREEWAY	12.03	12.20	4.15
OREGON CITY CONN. NO. 1	11.83	11.85	4.15
EAST PORTLAND FREEWAY	18.55	18.63	4.15
EAST PORTLAND FREEWAY	9.26	9.28	4.15
EAST PORTLAND FREEWAY	17.86	17.94	4.15
SUNNYSIDE RD. CONN. NO. 4	14.32	14.33	4.15
EAST PORTLAND FREEWAY	6.88	7.01	4.15
EAST PORTLAND FREEWAY	14.16	14.28	4.15
EAST PORTLAND FREEWAY	17.85	17.93	4.15
EAST PORTLAND FREEWAY	20.63	20.64	4.15
EAST PORTLAND FREEWAY	9.26	9.28	4.15
EAST PORTLAND FREEWAY	23.71	23.76	4.15
EAST PORTLAND FREEWAY	19.75	19.87	4.15
OREGON CITY CONN. NO. 1	11.83	11.85	4.15
EAST PORTLAND FREEWAY	6.13	6.33	4.15
EAST PORTLAND FREEWAY	14.33	14.36	4.15
EAST PORTLAND FREEWAY	23.70	23.70	4.15
EAST PORTLAND FREEWAY	23.47	23.71	4.15
EAST PORTLAND FREEWAY	9.06	9.23	4.15
EAST PORTLAND FREEWAY	9.26	9.28	4.15
OREGON CITY CONN. NO. 1	11.83	11.85	4.15
EAST PORTLAND FREEWAY	14.11	14.30	4.15
OREGON CITY CONN. NO. 1	11.83	11.85	4.15
EAST PORTLAND FREEWAY	17.73	17.79	4.15
EAST PORTLAND FREEWAY	20.57	20.62	4.15
EAST PORTLAND FREEWAY	9.26	9.28	4.15
EAST PORTLAND FREEWAY	20.60	20.66	4.15
OREGON CITY CONN. NO. 1	11.83	11.85	4.15
EAST PORTLAND FREEWAY	9.26	9.28	4.15
EAST PORTLAND FREEWAY	9.26	9.28	4.15
EAST PORTLAND FREEWAY	9.23	9.28	4.15
EAST PORTLAND FREEWAY	8.42	8.50	4.15
EAST PORTLAND FREEWAY	20.66	20.71	4.15
EAST PORTLAND FREEWAY	6.68	6.71	4.15
EAST PORTLAND FREEWAY	20.71	20.73	4.15
EAST PORTLAND FREEWAY	6.39	6.39	4.15
EAST PORTLAND FREEWAY	23.35	23.63	4.15
EAST PORTLAND FREEWAY	17.95	17.96	4.15
EAST PORTLAND FREEWAY	21.53	21.60	4.15
EAST PORTLAND FREEWAY	10.79	10.81	4.15
EAST PORTLAND FREEWAY	20.62	20.63	4.15
BEAVERTON-TIGARD	2.64	2.73	4.15
BEAVERTON-TIGARD	1.16	1.30	4.15
BEAVERTON-TIGARD	6.37	6.43	4.15
Sunset Hwy. Conn. No. 3	0.30	0.30	4.15
BEAVERTON-TIGARD	4.95	5.13	4.15
BEAVERTON-TIGARD	1.30	1.46	4.15
BEAVERTON-TIGARD	5.66	5.88	4.15
PACIFIC HWY CONN. NO. 2	5.52	5.53	4.15
BEAVERTON-TIGARD	6.70	6.90	4.15
BEAVERTON-TIGARD	0.34	0.34	4.15
BEAVERTON-TIGARD	1.18	1.22	4.15
BEAVERTON-TIGARD	2.70	2.76	4.15
BEAVERTON-TIGARD	7.06	7.25	4.15
BEAVERTON-TIGARD	0.34	0.34	4.15

BEAVERTON-TIGARD	3.72	3.81	4.15
BEAVERTON-TIGARD	1.78	2.00	4.15
BEAVERTON-TIGARD	0.01	0.02	4.15
PROGRESS CONN. NO. 2	9.69	9.71	4.15
BEAVERTON-TIGARD	4.78	4.96	4.15
BEAVERTON-TIGARD	3.81	3.82	4.15
BEAVERTON-TIGARD	1.47	1.76	4.15
PROGRESS CONN. NO. 2	9.69	9.71	4.15
BEAVERTON-TIGARD	5.64	5.69	4.15
PACIFIC HWY CONN. NO. 2	5.52	5.53	4.15
BEAVERTON-TIGARD	0.34	0.34	4.15
BEAVERTON-TIGARD	5.88	5.88	4.15
BEAVERTON-TIGARD	3.81	3.82	4.15
BEAVERTON-TIGARD	6.68	6.73	4.15
BEAVERTON-TIGARD	0.02	0.03	4.15
BEAVERTON-TIGARD	1.22	1.47	4.15
BEAVERTON-TIGARD	3.83	3.99	4.15
PROGRESS CONN. NO. 2	9.69	9.71	4.15
BEAVERTON-TIGARD	2.49	2.70	4.15
BEAVERTON-TIGARD	5.17	5.19	4.15
Sunset Hwy. Conn. No. 3	0.30	0.30	4.15
PACIFIC HWY CONN. NO. 2	5.52	5.53	4.15
BEAVERTON-TIGARD	2.47	2.64	4.15
BEAVERTON-TIGARD	1.46	1.47	4.15
Sunset Hwy. Conn. No. 3	0.30	0.30	4.15
BEAVERTON-TIGARD	0.34	0.34	4.15
BEAVERTON-TIGARD	0.06	0.07	4.15
BEAVERTON-TIGARD	7.25	7.29	4.15
WILLAMINA-SHERIDAN	7.68	7.82	4.15
BEAVERTON-TIGARD	3.81	3.82	4.15
BEAVERTON-TIGARD	6.90	7.05	4.15
BEAVERTON-TIGARD	0.03	0.03	4.15
BEAVERTON-TIGARD	4.44	4.59	4.15
BEAVERTON-TIGARD	5.61	5.66	4.15
BEAVERTON-TIGARD	0.14	0.34	4.15
BEAVERTON-TIGARD	4.74	4.95	4.15
PROGRESS CONN. NO. 2	9.69	9.71	4.15
BEAVERTON-TIGARD	4.51	4.60	4.15
PACIFIC HWY CONN. NO. 2	5.52	5.53	4.15
BEAVERTON-TIGARD	0.34	0.34	4.15
BEAVERTON-TIGARD	3.81	3.82	4.15
BEAVERTON-TIGARD	5.89	5.95	4.15
BEAVERTON-TIGARD	1.48	1.78	4.15
BEAVERTON-TIGARD	2.34	2.49	4.15
BEAVERTON-TIGARD	0.00	0.01	4.15
BEAVERTON-TIGARD	0.08	0.10	4.15
Sunset Hwy. Conn. No. 3	0.30	0.30	4.15
BEAVERTON-TIGARD	3.81	3.82	4.15
BEAVERTON-TIGARD	0.34	0.34	4.15
BEAVERTON-TIGARD	3.82	4.01	4.15
BEAVERTON-TIGARD	2.05	2.12	4.15
Sunset Hwy. Conn. No. 3	0.30	0.30	4.15
BEAVERTON-TIGARD	5.13	5.18	4.15
BEAVERTON-TIGARD	3.81	3.83	4.15
PROGRESS CONN. NO. 2	9.69	9.71	4.15
BEAVERTON-TIGARD	0.03	0.06	4.15
PROGRESS CONN. NO. 2	9.69	9.71	4.15
BEAVERTON-TIGARD	6.54	6.67	4.15
PACIFIC HWY CONN. NO. 2	5.52	5.53	4.15
FORT STEVENS	3.18	3.18	4.15
BEAVERTON-TIGARD	3.81	3.82	4.15
BEAVERTON-TIGARD	5.88	5.95	4.15
BEAVERTON-TIGARD	4.69	4.78	4.15
BEAVERTON-TIGARD	0.01	0.02	4.15
BEAVERTON-TIGARD	0.02	0.03	4.15
BEAVERTON-TIGARD	6.37	6.45	4.15
PACIFIC HWY CONN. NO. 2	5.52	5.53	4.15
Sunset Hwy. Conn. No. 3	0.30	0.30	4.15
BEAVERTON-TIGARD	4.66	4.74	4.15
BEAVERTON-TIGARD	0.23	0.35	4.15
BEAVERTON-TIGARD	5.69	5.89	4.15
BEAVERTON-TIGARD	2.31	2.47	4.15
BEAVERTON-TIGARD	6.67	6.70	4.15
BEAVERTON-TIGARD	3.81	3.82	4.15
BEAVERTON-TIGARD	6.73	6.90	4.15
S. TIGARD CONN. NO. 3	7.34	7.53	4.15
S. TIGARD CONN. NO. 3	7.76	7.78	4.15

PACIFIC HWY CONN. NO. 2	5.52	5.53	4.15
BEAVERTON-TIGARD	3.81	3.82	4.15
BEAVERTON-TIGARD	0.12	0.23	4.15
BEAVERTON-TIGARD	1.47	1.48	4.15
BEAVERTON-TIGARD	0.00	0.01	4.15
BEAVERTON-TIGARD	4.29	4.44	4.15
BEAVERTON-TIGARD	1.76	2.05	4.15
BEAVERTON-TIGARD	6.55	6.68	4.15
BEAVERTON-TIGARD	4.32	4.51	4.15
Sunset Hwy. Conn. No. 3	0.30	0.30	4.15
BEAVERTON-TIGARD	0.03	0.03	4.15
BEAVERTON-TIGARD	2.00	2.11	4.15
BEAVERTON-TIGARD	5.62	5.64	4.15
PROGRESS CONN. NO. 2	9.69	9.71	4.15
PACIFIC HWY CONN. NO. 2	5.52	5.53	4.15
BEAVERTON-TIGARD	5.60	5.61	4.15
BEAVERTON-TIGARD	4.96	5.17	4.15
Sunset Hwy. Conn. No. 3	0.30	0.30	4.15
FORT STEVENS	3.22	3.23	4.15
BEAVERTON-TIGARD	3.73	3.81	4.15
BEAVERTON-TIGARD	0.34	0.34	4.15
OREGON COAST HWY CONN NO 1	1.03	1.13	4.15
PROGRESS CONN. NO. 2	9.69	9.71	4.15
TERRITORIAL	20.79	20.90	4.15
EUGENE-SPRINGFIELD	0.18	0.50	4.15
EUGENE-SPRINGFIELD	2.68	2.79	4.15
EUGENE-SPRINGFIELD	3.01	3.25	4.15
ROGUE RIVER	8.85	8.95	4.14
ALBANY-JUNCTION CITY	32.31	32.32	4.14
W. WANKERS FRONT. RD. NO 1	3.08	3.17	4.14
LA GRANDE-BAKER	52.23	52.28	4.14
WANKERS CORNER CONN. NO. 2	3.26	3.30	4.14
LA GRANDE-BAKER	52.63	52.77	4.14
WANKERS CORNER CONN. NO. 2	3.34	3.39	4.14
PACIFIC HIGHWAY WEST	108.68	108.76	4.14
WANKERS CORNER CONN. NO. 2	3.39	3.49	4.14
WANKERS CORNER CONN. NO. 2	3.30	3.34	4.14
SALEM-DAYTON	0.30	0.31	4.14
FORT STEVENS	4.68	4.69	4.14
WARRENTON-ASTORIA	1.24	1.27	4.14
FORT STEVENS	0.87	0.99	4.14
FORT STEVENS	4.43	4.49	4.14
FORT STEVENS	4.02	4.18	4.14
FORT STEVENS	3.95	3.99	4.14
FORT STEVENS	0.61	0.74	4.14
FORT STEVENS	4.28	4.43	4.14
FORT STEVENS	4.72	4.90	4.14
ELKTON-SUTHERLIN	23.91	24.02	4.14
HERMISTON	8.08	8.30	4.14
ELKTON-SUTHERLIN	24.17	24.20	4.14
ALBANY FRONTAGE RD.	234.08	234.15	4.13
ROGUE VALLEY	20.84	20.89	4.13
PENDLETON HWY CONN.	30.69	30.71	4.13
HISTORIC COLUMBIA RIVER	49.78	49.83	4.13
HISTORIC COLUMBIA RIVER	49.42	49.44	4.13
HILLSBORO-SILVERTON	19.75	19.77	4.13
HILLSBORO-SILVERTON	0.20	0.24	4.13
SPRINGFIELD-CRESWELL	14.84	14.88	4.13
HERMISTON	7.11	7.18	4.13
GOSHEN-DIVIDE	14.79	14.84	4.13
EUGENE-SPRINGFIELD CONN. 3	0.36	0.38	4.13
SAMS VALLEY	2.14	2.28	4.13
HERMISTON	6.81	7.03	4.13
S SUNDIAL FRONTAGE RD.	17.24	17.32	4.12
GOING ST. CONN. NO. 2	303.66	303.69	4.12
S SUNDIAL FRONTAGE RD.	17.20	17.21	4.12
GOING ST. CONN. NO. 4	303.80	303.81	4.12
12TH ST. CONN.	66.24	66.27	4.12
SYLVAN CONN. NO. 3	71.35	71.36	4.12
PARK PLACE CONN. NO. 3	10.57	10.57	4.12
PARK PLACE CONN. NO. 3	10.57	10.57	4.12
PACIFIC HIGHWAY EAST	24.90	24.95	4.12
WILSONVILLE-HUBBARD CONN 1	27.20	27.22	4.12
PARK PLACE CONN. NO. 3	10.57	10.57	4.12
PACIFIC HIGHWAY EAST	24.88	24.90	4.12
PACIFIC HIGHWAY EAST	25.01	25.10	4.12
DIVISION&POWELL CONN. #4	19.77	19.88	4.12

DIVISION&POWELL CONN. #4	19.76	19.77	4.12
SUNNYSIDE RD. CONN. NO. 3	14.97	15.04	4.12
PARK PLACE CONN. NO. 3	10.57	10.57	4.12
AMITY-DAYTON	8.82	9.02	4.12
FORT STEVENS	3.41	3.56	4.12
	36.83	36.84	4.12
	36.83	36.84	4.12
NETARTS	8.72	8.83	4.12
AMITY-DAYTON	8.70	8.75	4.12
	36.83	36.84	4.12
FORT STEVENS	3.32	3.40	4.12
AMITY-DAYTON	9.15	9.16	4.12
SUNSET HWY CONN. NO. 6	0.01	0.01	4.12
WILLAMINA-SHERIDAN	2.32	2.67	4.12
NETARTS	8.99	9.03	4.12
SUNSET HWY CONN. NO. 8	0.12	0.13	4.12
	36.83	36.84	4.12
GOSHEN-DIVIDE	5.74	5.86	4.12
	24.10	24.10	4.11
	24.14	24.15	4.11
	23.80	23.80	4.11
	24.10	24.11	4.11
	24.30	24.30	4.11
	24.30	24.31	4.11
	24.14	24.15	4.11
	24.10	24.10	4.11
	24.14	24.15	4.11
	24.09	24.10	4.11
	24.09	24.10	4.11
	24.10	24.10	4.11
	24.10	24.11	4.11
	24.10	24.11	4.11
	24.10	24.14	4.11
	24.10	24.10	4.11
GREELEY AVE. CONN. NO. 1	303.22	303.23	4.11
	24.30	24.30	4.11
	24.14	24.15	4.11
	24.09	24.10	4.11
	24.30	24.30	4.11
	24.09	24.10	4.11
	24.10	24.10	4.11
	23.80	23.80	4.11
	24.14	24.15	4.11
	24.10	24.10	4.11
	24.14	24.15	4.11
	24.10	24.11	4.11
	24.10	24.11	4.11
	24.09	24.30	4.11
	24.10	24.10	4.11
	24.10	24.11	4.11
GREELEY AVE. CONN. NO. 1	303.40	303.50	4.11
	24.10	24.11	4.11
	24.14	24.15	4.11
GREELEY AVE. CONN. NO. 2	302.62	302.70	4.11
	24.09	24.10	4.11
	24.09	24.10	4.11
	24.14	24.15	4.11
GREELEY AVE. CONN. NO. 2	302.84	302.96	4.11
	24.10	24.31	4.11
	24.14	24.15	4.11
	24.10	24.11	4.11
	24.09	24.10	4.11
	24.10	24.11	4.11
	24.10	24.10	4.11
	24.09	24.10	4.11
	23.80	23.80	4.11
	24.09	24.10	4.11
	24.10	24.11	4.11
	24.09	24.10	4.11
	24.14	24.15	4.11
	24.14	24.15	4.11
	23.80	23.80	4.11
	24.10	24.10	4.11
	24.14	24.15	4.11
	24.10	24.11	4.11
	24.10	24.10	4.11
	24.10	24.10	4.11

	24.10	24.11	4.11
	24.09	24.10	4.11
	24.10	24.10	4.11
GREELEY AVE. CONN. NO. 1	303.23	303.38	4.11
	24.04	24.10	4.11
	24.09	24.10	4.11
	24.14	24.15	4.11
	24.10	24.10	4.11
	24.14	24.22	4.11
	24.09	24.10	4.11
	24.14	24.15	4.11
	24.09	24.10	4.11
	24.10	24.11	4.11
	24.10	24.10	4.11
	24.10	24.11	4.11
	24.14	24.15	4.11
	24.10	24.11	4.11
	24.03	24.09	4.11
GREELEY AVE. CONN. NO. 1	302.95	302.97	4.11
	24.09	24.10	4.11
	24.10	24.10	4.11
OSWEGO	11.37	11.38	4.11
	2.74	2.75	4.11
	2.73	2.74	4.11
	3.04	3.06	4.11
	2.72	2.73	4.11
	2.72	2.74	4.11
EDGEWATER ST. CONN. NO. 2	23.93	23.95	4.11
EDGEWATER ST. CONN. NO. 2	23.93	24.00	4.11
EDGEWATER ST. CONN. NO. 1	24.08	24.12	4.11
ROSS ISLAND CONN. NO. 3	0.17	0.21	4.11
EDGEWATER ST. CONN. NO. 2	24.10	24.13	4.11
EDGEWATER ST. CONN. NO. 1	24.26	24.32	4.11
ROSS ISLAND CONN. NO. 3	0.17	0.17	4.11
EDGEWATER ST. CONN. NO. 1	24.30	24.32	4.11
GEARY ST. CONN. NO. 1	1.36	1.36	4.11
W. MARQUAM INTCHG. CONN. 1	0.53	0.53	4.11
CEDAR HILLS BLVD CONN NO 2	68.54	68.57	4.11
COOS BAY-ROSEBURG CONN 1	75.93	75.99	4.11
W. MARQUAM INTCHG. CONN. 1	0.53	0.70	4.11
CORNELL RD. CONN. NO. 2	65.71	65.72	4.11
SUNSET	73.99	74.05	4.11
W. MARQUAM INTCHG. CONN. 1	0.57	0.61	4.11
GEARY ST. CONN. NO. 1	1.36	1.36	4.11
CORNELL RD. CONN. NO. 2	65.72	65.75	4.11
COOS BAY-ROSEBURG CONN 2	76.22	76.30	4.11
CEDAR HILLS BLVD CONN NO 2	68.57	68.58	4.11
CORNELL RD. CONN. NO. 2	65.62	65.68	4.11
W. MARQUAM INTCHG. CONN. 1	0.57	0.57	4.11
CORNELL RD. CONN. NO. 2	65.75	65.76	4.11
BROADWAY CONN. NO. 4	1.05	1.09	4.11
CORNELL RD. CONN. NO. 2	65.68	65.71	4.11
COOS BAY-ROSEBURG CONN 1	75.99	76.10	4.11
SYLVAN CONN. NO. 7	71.27	71.31	4.11
CORNELL RD. CONN. NO. 1	65.68	65.89	4.11
DEPOT ST. CONNECTION	8.92	8.93	4.11
BROADWAY CONN. NO. 4	1.09	1.10	4.11
CORNELL RD. CONN. NO. 5	66.50	66.76	4.11
FOSTER&WOODSTOCK CONN. #4	17.87	17.91	4.11
GLADSTONE CONN. NO. 5	11.17	11.23	4.11
FOSTER&WOODSTOCK CONN. #4	17.80	17.81	4.11
FOSTER&WOODSTOCK CONN. #4	17.85	17.87	4.11
W. MARQUAM CONN. NO. 2	1.20	1.35	4.11
FOSTER&WOODSTOCK CONN. #4	17.81	17.85	4.11
FOSTER&WOODSTOCK CONN. #2	17.87	17.88	4.11
FOSTER&WOODSTOCK CONN. #2	17.77	17.81	4.11
W. MARQUAM CONN. NO. 2	1.35	1.36	4.11
FOSTER&WOODSTOCK CONN. #2	17.75	17.77	4.11
GLADSTONE CONN. NO. 5	11.23	11.24	4.11
GLADSTONE CONN. NO. 5	11.24	11.29	4.11
FOSTER&WOODSTOCK CONN. #2	17.81	17.83	4.11
FOSTER&WOODSTOCK CONN. #4	17.91	17.93	4.11
W. MARQUAM CONN. NO. 1	1.17	1.20	4.11
GLADSTONE CONN. NO. 6	11.29	11.36	4.11
GLADSTONE CONN. NO. 5	11.29	11.45	4.11
W. MARQUAM CONN. NO. 1	1.20	1.25	4.11
FOSTER&WOODSTOCK CONN. #2	17.83	17.87	4.11

BEAVERTON-TUALATIN	4.69	4.71	4.11
BEAVERTON-TUALATIN	4.71	4.72	4.11
WARRENTON-ASTORIA HWY CONN	1.52	1.57	4.11
BEAVERTON-TUALATIN	4.97	5.12	4.11
YAMHILL-NEWBERG	10.89	10.97	4.11
NORTHEAST PORTLAND	1.58	1.62	4.11
BEAVERTON-TUALATIN	5.24	5.27	4.11
W. STEEL BRIDGE CONN. #1	-0.29	-0.19	4.11
BEAVERTON-TUALATIN	5.40	5.63	4.11
SW 72ND AVE. CONN. NO. 2	6.75	6.84	4.11
BEAVERTON-TUALATIN	4.72	4.97	4.11
CEDARWOOD RD. FRONT. RD.	1.71	1.92	4.11
SOUTHWOOD LANE FRONT. RD.	1.71	2.04	4.11
EUGENE-SPRINGFIELD CONN. 3	0.27	0.36	4.11
FAIRGROUNDS CONN. NO. 2	123.03	123.07	4.1
HAINES RD. CONN. NO. 5	293.48	293.54	4.1
TROUTDALE CONN. NO. 3	17.79	17.80	4.1
WILKES FRONTAGE RD. NO. 2	13.09	13.15	4.1
STEEN RD. CONN.	26.20	26.23	4.1
HOLMAN PARK FRONTAGE RD.	22.04	22.07	4.1
BIDDLE RD. CONN. NO. 3	0.80	0.80	4.1
SUNSET CONN. NO. 7	1.52	1.52	4.1
ROGUE RIVER	8.78	8.83	4.1
HIGHLANDS CONN NO. 1	72.26	72.29	4.1
SUNSET CONN. NO. 7	1.50	1.50	4.1
SUNSET CONN. NO. 7	1.50	1.52	4.1
E. MCMINNVILLE CONN. NO. 1	46.24	46.76	4.1
SUNSET CONN. NO. 7	1.48	1.50	4.1
SUNSET CONN. NO. 7	1.52	1.54	4.1
S. WEST LINN CONN. NO. 2	6.40	6.46	4.1
W. TIGARD CONN. NO. 3	8.59	8.66	4.1
S. WEST LINN CONN. NO. 2	6.57	6.59	4.1
SW CORONADO AVE FRONT. RD.	7.72	7.87	4.1
STARK-WASHINGTON ST CONN 1	20.57	20.62	4.1
S. WEST LINN CONN. NO. 2	6.56	6.57	4.1
STARK-WASHINGTON ST CONN 4	20.00	20.05	4.1
SE MARKET ST. CONN.	20.07	20.12	4.1
COBURG RD. CONN. NO. 3	11.85	11.96	4.1
W. TIGARD CONN. NO. 2	8.69	8.76	4.1
MAINLINE DR. FRONTAGE RD.	1.54	1.74	4.1
W. TIGARD CONN. NO. 1	8.74	8.87	4.1
W. TIGARD CONN. NO. 3	8.81	8.88	4.1
W. TIGARD CONN. NO. 1	8.62	8.73	4.1
COBURG RD. CONN. NO. 2	11.78	11.89	4.1
FORT STEVENS	0.00	0.05	4.1
WARREN FRONTAGE RD.	25.25	25.36	4.1
WILLAMINA-SHERIDAN	6.99	7.06	4.1
S.W. 79TH. FRONTAGE RD.	8.49	8.54	4.1
HISTORIC COLUMBIA RIVER	0.00	0.06	4.1
FORT STEVENS	3.27	3.31	4.1
AMITY-DAYTON	9.05	9.12	4.1
NETARTS	8.47	8.62	4.1
WARREN FRONTAGE RD.	25.21	25.25	4.1
WARRENTON-ASTORIA	0.00	0.11	4.1
GOSHEN-DIVIDE	5.48	5.74	4.1
HERMISTON	7.56	7.57	4.1
E. MCMINNVILLE FRONTAGE RD	46.70	47.20	4.1
HERMISTON	7.55	7.56	4.1
FRANKLIN BLVD. FRONTAGE RD	2.02	2.18	4.1
CORVALLIS-LEBANON	0.15	0.17	4.1
HERMISTON	8.64	8.67	4.1
HOOD RIVER	0.75	0.76	4.1
AMITY-DAYTON	8.54	8.56	4.09
DENNEY RD. CONN. NO. 2	3.07	3.10	4.07
CAMPBELL ST. INTCHGE. #2	304.75	304.76	4.06
MT. HOOD HWY CONN.	1.10	1.14	4.06
MT. HOOD HWY CONN. NO. 1	1.57	1.62	4.06
WARREN CONN.	25.25	25.27	4.06
SE DARTMOUTH ST. FRONT. RD	5.41	5.44	4.06
BROADWAY CONN. NO. 7	0.99	1.00	4.04
BROADWAY CONN. NO. 7	0.98	0.99	4.04
BROADWAY CONN. NO. 7	1.00	1.05	4.04
CLACKAMETTE PARK CONN NO 2	11.77	11.78	4.04
SE OTTY RD CONN NO 1	15.84	15.86	4.04
CLACKAMETTE PARK CONN NO 2	11.48	11.50	4.04
GIBBS ST. FRONTAGE RD.	1.71	1.85	4.04
	12.01	12.05	4.04

KELLY AVENUE FRONTAGE RD.	1.42	1.60	4.04
FORT STEVENS	0.51	0.56	4.03
CENTRAL OREGON	2.81	2.86	3.32
THE DALLES-CALIFORNIA	139.27	139.33	3.32
THE DALLES-CALIFORNIA	140.75	140.84	3.32
THE DALLES-CALIFORNIA	139.45	139.54	3.32
THE DALLES-CALIFORNIA	122.96	123.15	3.32
THE DALLES-CALIFORNIA	134.31	134.39	3.32
THE DALLES-CALIFORNIA	140.84	141.09	3.32
THE DALLES-CALIFORNIA	141.09	141.12	3.32
CRATER LAKE	4.81	5.13	3.32
CRATER LAKE	3.96	4.31	3.32
OREGON COAST	237.58	237.59	3.32
SANTIAM	1.86	1.92	3.32
WALLOWA LAKE	0.98	1.05	3.32
OREGON COAST	64.87	65.08	3.32
CRATER LAKE	2.26	2.37	3.32
CRATER LAKE	2.45	2.56	3.32
UMATILLA-STANFIELD	11.47	11.52	3.32
ALBANY-JUNCTION CITY	6.34	7.28	3.32
PACIFIC HIGHWAY EAST	-5.46	-5.42	3.32
PACIFIC HIGHWAY WEST	118.57	118.79	3.32
PACIFIC HIGHWAY WEST	121.43	121.58	3.32
PACIFIC HIGHWAY WEST	86.16	86.30	3.32
LOWER COLUMBIA RIVER	29.78	31.05	3.32
NORTH SANTIAM	4.09	5.19	3.32
LOWER COLUMBIA RIVER	6.49	6.88	3.32
LOWER COLUMBIA RIVER	5.50	5.51	3.32
LOWER COLUMBIA RIVER	4.09	4.13	3.32
LOWER COLUMBIA RIVER	4.52	4.70	3.32
LOWER COLUMBIA RIVER	31.60	31.72	3.32
LOWER COLUMBIA RIVER	21.32	21.36	3.32
ONTARIO SPUR	27.86	27.91	3.32
PACIFIC HIGHWAY WEST	118.57	118.79	3.32
COLUMBIA RIVER	180.80	182.25	3.3
COLUMBIA RIVER	182.28	182.57	3.3
THE DALLES-CALIFORNIA	276.68	276.71	3.3
THE DALLES-CALIFORNIA	97.29	98.37	3.3
OREGON COAST	240.38	240.66	3.3
CENTRAL OREGON	2.98	3.56	3.3
THE DALLES-CALIFORNIA	278.38	278.70	3.3
THE DALLES-CALIFORNIA	117.55	117.76	3.3
OREGON-WASHINGTON	0.50	0.98	3.3
OREGON COAST	237.60	237.69	3.3
THE DALLES-CALIFORNIA	116.58	117.54	3.3
THE DALLES-CALIFORNIA	270.29	271.25	3.3
THE DALLES-CALIFORNIA	142.56	142.57	3.3
THE DALLES-CALIFORNIA	276.66	276.70	3.3
THE DALLES-CALIFORNIA	277.33	277.37	3.3
THE DALLES-CALIFORNIA	96.84	97.29	3.3
THE DALLES-CALIFORNIA	277.17	277.33	3.3
THE DALLES-CALIFORNIA	277.16	277.36	3.3
THE DALLES-CALIFORNIA	142.56	143.01	3.3
THE DALLES-CALIFORNIA	271.50	271.96	3.3
THE DALLES-CALIFORNIA	279.04	279.07	3.3
OREGON COAST	118.19	118.35	3.3
MCKENZIE	8.70	8.70	3.3
OREGON COAST	24.46	24.46	3.3
SANTIAM	1.94	2.61	3.3
GREEN SPRINGS	58.99	59.01	3.3
CORVALLIS-NEWPORT	52.28	52.30	3.3
OREGON COAST	141.53	141.59	3.3
OREGON COAST	22.58	22.58	3.3
MCKENZIE	11.32	11.34	3.3
OREGON COAST	241.50	241.81	3.3
MCKENZIE	11.06	11.09	3.3
WILLAMETTE	1.29	1.29	3.3
CORVALLIS-NEWPORT	52.21	52.28	3.3
TUALATIN VALLEY	19.57	19.96	3.3
MCKENZIE-BEND	16.24	16.62	3.3
CORVALLIS-NEWPORT	1.16	1.73	3.3
OREGON COAST	23.17	23.20	3.3
MCKENZIE	9.21	9.49	3.3
OREGON COAST	24.44	24.45	3.3
OREGON COAST	119.00	119.12	3.3
OREGON COAST	22.62	22.64	3.3
OREGON COAST	67.49	68.16	3.3

CORVALLIS-NEWPORT	1.73	1.83	3.3
OREGON COAST	24.53	24.54	3.3
OREGON COAST	23.04	23.16	3.3
SANTIAM	11.71	11.75	3.3
MCKENZIE	10.15	10.48	3.3
WILLAMETTE	1.13	1.22	3.3
OREGON COAST	23.84	23.86	3.3
MCKENZIE-BEND	17.33	17.55	3.3
CORVALLIS-NEWPORT	53.02	53.13	3.3
OREGON COAST	24.47	24.49	3.3
OREGON COAST	7.56	7.72	3.3
OREGON COAST	240.38	240.71	3.3
CORVALLIS-NEWPORT	52.31	52.32	3.3
COOS BAY-ROSEBURG	74.46	74.52	3.3
OCHOCO	0.75	0.90	3.3
ALBANY-JUNCTION CITY	0.00	0.20	3.3
WARM SPRINGS	116.24	116.24	3.3
ROGUE VALLEY	0.41	0.64	3.3
ROGUE VALLEY	0.34	0.40	3.3
WARM SPRINGS	117.31	117.38	3.3
WARM SPRINGS	116.01	116.04	3.3
ROGUE VALLEY	0.74	0.96	3.3
ALBANY-JUNCTION CITY	0.28	0.31	3.3
OCHOCO	1.05	1.28	3.3
WARM SPRINGS	116.81	116.97	3.3
ROGUE VALLEY	0.64	0.72	3.3
WARM SPRINGS	116.97	117.22	3.3
ROGUE VALLEY	0.26	0.34	3.3
SALMON RIVER	33.43	33.50	3.3
OCHOCO	1.64	1.65	3.3
OCHOCO	0.98	1.04	3.3
OCHOCO	1.71	1.72	3.3
WARM SPRINGS	116.40	116.79	3.3
ALBANY-JUNCTION CITY	0.06	0.17	3.3
PACIFIC HIGHWAY WEST	77.92	77.93	3.3
PACIFIC HIGHWAY WEST	18.74	19.42	3.3
	0.06	0.34	3.3
PACIFIC HIGHWAY WEST	13.80	13.84	3.3
BELTLINE	3.32	3.75	3.3
BELTLINE	3.82	4.14	3.3
PENDLETON	0.43	0.44	3.3
PACIFIC HIGHWAY WEST	32.74	32.75	3.3
PENDLETON	0.71	1.15	3.3
PACIFIC HIGHWAY WEST	17.65	18.02	3.3
PACIFIC HIGHWAY WEST	78.00	78.26	3.3
LA GRANDE-BAKER	0.33	0.39	3.3
PACIFIC HIGHWAY WEST	79.99	80.29	3.3
PACIFIC HIGHWAY WEST	62.32	62.47	3.3
LA GRANDE-BAKER	0.24	0.33	3.3
PACIFIC HIGHWAY WEST	18.36	18.45	3.3
BELTLINE	1.55	1.73	3.3
PACIFIC HIGHWAY WEST	76.39	77.83	3.3
PACIFIC HIGHWAY WEST	86.30	87.53	3.3
PENDLETON	0.44	0.59	3.3
BELTLINE	1.75	1.76	3.3
LA GRANDE-BAKER	4.02	4.92	3.3
PENDLETON	0.59	0.67	3.3
LOWER COLUMBIA RIVER	31.74	32.00	3.3
HILLSBORO-SILVERTON	21.91	22.17	3.3
LOWER COLUMBIA RIVER	94.79	95.05	3.3
KINGS VALLEY	2.13	2.15	3.3
LAKE OF THE WOODS	-0.50	-0.45	3.3
CLACKAMAS-BORING	2.23	2.35	3.3
SOUTH KLAMATH FALLS	1.56	2.41	3.3
SOUTH KLAMATH FALLS	2.45	2.50	3.3
CLACKAMAS-BORING	3.90	3.93	3.3
OLDS FERRY-ONTARIO	25.17	25.45	3.3
SOUTH KLAMATH FALLS	0.65	1.56	3.3
JACKSONVILLE	36.20	37.32	3.3
CLACKAMAS-BORING	2.98	3.37	3.3
SOUTH KLAMATH FALLS	3.09	3.16	3.3
SOUTH KLAMATH FALLS	3.16	3.31	3.3
JACKSONVILLE	38.22	38.38	3.3
SOUTH KLAMATH FALLS	4.96	5.39	3.3
OLDS FERRY-ONTARIO	25.81	25.92	3.3
CLACKAMAS-BORING	2.50	2.51	3.3
JACKSONVILLE	35.99	36.00	3.3

SOUTH KLAMATH FALLS	0.42	0.64	3.3
SOUTH KLAMATH FALLS	5.97	5.97	3.3
JACKSONVILLE	37.48	37.69	3.3
OLDS FERRY-ONTARIO	25.15	25.17	3.3
CLACKAMAS-BORING	3.43	3.83	3.3
REDWOOD SPUR	1.97	1.99	3.3
SOUTH KLAMATH FALLS	3.37	3.59	3.3
SOUTH KLAMATH FALLS	2.50	3.09	3.3
LAKE OF THE WOODS	1.09	2.42	3.3
JACKSONVILLE	35.56	35.60	3.3
LAKE OF THE WOODS	-1.94	-1.16	3.3
JACKSONVILLE	35.13	35.23	3.3
JACKSONVILLE	35.25	35.39	3.3
SOUTH KLAMATH FALLS	5.79	5.89	3.3
OLDS FERRY-ONTARIO	25.14	25.15	3.3
JACKSONVILLE	38.24	38.39	3.3
CLACKAMAS-BORING	3.84	3.86	3.3
COTTAGE GROVE CONN. NO. 1	174.63	174.74	3.27
COTTAGE GROVE CONN. NO. 1	174.31	174.63	3.27
THE DALLES-CALIFORNIA	96.45	96.66	3.27
MCKENZIE	0.20	0.21	3.27
OREGON COAST	64.30	64.30	3.27
MCKENZIE	0.14	0.20	3.27
MCKENZIE	0.14	0.20	3.27
CORVALLIS-NEWPORT	49.91	49.92	3.27
CORVALLIS-NEWPORT	50.14	50.15	3.27
MCKENZIE	0.21	0.24	3.27
OREGON COAST	237.69	237.77	3.27
CORVALLIS-NEWPORT	50.07	50.13	3.27
TUALATIN VALLEY	13.92	14.15	3.27
MCKENZIE	0.20	0.21	3.27
MCKENZIE	0.21	0.24	3.27
OREGON COAST	237.78	237.80	3.27
CORVALLIS-NEWPORT	49.92	50.04	3.27
TUALATIN VALLEY	13.78	14.07	3.27
OREGON COAST	64.25	64.29	3.27
ALBANY-JUNCTION CITY	0.57	0.65	3.27
ALBANY-JUNCTION CITY	0.52	0.55	3.27
UMATILLA-STANFIELD	12.46	12.47	3.27
COOS BAY-ROSEBURG	74.52	74.60	3.27
UMATILLA-STANFIELD	12.44	12.62	3.27
ALBANY-JUNCTION CITY	0.55	0.57	3.27
PACIFIC HIGHWAY WEST	11.46	11.63	3.27
PACIFIC HIGHWAY WEST	12.71	13.59	3.27
PACIFIC HIGHWAY WEST	14.09	14.33	3.27
PACIFIC HIGHWAY WEST	14.39	14.55	3.27
PACIFIC HIGHWAY WEST	12.72	13.59	3.27
PACIFIC HIGHWAY WEST	13.83	14.33	3.27
PACIFIC HIGHWAY WEST	121.70	121.84	3.27
PACIFIC HIGHWAY WEST	126.01	126.03	3.27
WEST FRONTAGE RD.	-5.31	-5.14	3.27
PACIFIC HIGHWAY WEST	121.70	121.82	3.27
PACIFIC HIGHWAY WEST	14.39	14.55	3.27
CASCADE HWY SOUTH	4.17	4.40	3.27
HILLSBORO-SILVERTON	21.74	21.83	3.27
LOWER COLUMBIA RIVER	98.63	98.68	3.27
CASCADE HWY SOUTH	4.03	4.03	3.27
SALEM-DAYTON	19.86	19.89	3.27
NORTH SANTIAM	11.53	11.74	3.27
LAKE OF THE WOODS	-0.02	0.00	3.27
LAKE OF THE WOODS	0.00	0.04	3.27
KINGS VALLEY	2.24	2.31	3.27
GREEN SPRINGS	58.83	58.84	3.26
WARM SPRINGS	117.42	117.43	3.26
PACIFIC HIGHWAY WEST	13.60	13.62	3.26
CASCADE HWY SOUTH	4.11	4.14	3.26
CLACKAMAS-BORING	2.61	2.85	3.26
INDEPENDENCE	5.17	5.46	3.26
THE DALLES-CALIFORNIA	132.15	132.23	3.25
THE DALLES-CALIFORNIA	115.95	115.96	3.25
THE DALLES-CALIFORNIA	143.69	144.01	3.25
OREGON COAST	20.02	20.15	3.25
MT. HOOD	26.14	26.29	3.25
CRATER LAKE	9.42	10.04	3.25
CRATER LAKE	10.04	10.04	3.25
WILLAMINA-SALEM	22.81	23.98	3.25
CRATER LAKE	0.26	0.32	3.25

MCKENZIE	110.36	110.45	3.25
WILLAMINA-SALEM	21.19	21.44	3.25
MCKENZIE	110.53	111.22	3.25
SALMON RIVER	50.23	50.69	3.25
SALMON RIVER	51.08	51.18	3.25
SALMON RIVER	51.37	51.72	3.25
OCHOCO	20.00	20.02	3.25
SALMON RIVER	51.73	51.76	3.25
SALMON RIVER	51.33	51.37	3.25
SALMON RIVER	51.18	51.23	3.25
WARM SPRINGS	117.48	117.49	3.25
SALMON RIVER	51.23	51.31	3.25
PACIFIC HIGHWAY WEST	31.43	31.50	3.25
PACIFIC HIGHWAY WEST	15.65	15.94	3.25
PACIFIC HIGHWAY WEST	25.36	25.40	3.25
PACIFIC HIGHWAY WEST	16.61	16.72	3.25
PACIFIC HIGHWAY WEST	31.63	31.76	3.25
PENDLETON	1.99	2.08	3.25
CASCADE HWY NORTH	9.99	10.08	3.25
PACIFIC HIGHWAY WEST	16.62	16.67	3.25
PACIFIC HIGHWAY WEST	16.03	16.16	3.25
PACIFIC HIGHWAY WEST	15.64	15.90	3.25
BELTLINE	12.73	12.74	3.25
PACIFIC HIGHWAY WEST	15.97	16.20	3.25
PACIFIC HIGHWAY WEST	31.79	31.80	3.25
NORTH UMPQUA HIGHWAY EAST	-0.91	-0.84	3.25
NEHALEM	0.44	0.66	3.25
NORTH SANTIAM	12.91	13.48	3.25
SALEM-DAYTON	17.97	18.01	3.25
SALEM-DAYTON	19.05	19.07	3.25
SALEM-DAYTON	19.06	19.07	3.25
SALEM-DAYTON	18.01	18.06	3.25
NORTH SANTIAM	3.25	4.04	3.25
SALEM-DAYTON	18.14	18.33	3.25
NEHALEM	88.58	88.62	3.25
HISTORIC COLUMBIA RIVER	72.23	72.37	3.25
NORTH SANTIAM	12.65	12.91	3.25
	2.04	2.06	3.25
LAKE OF THE WOODS	-2.56	-2.00	3.25
CLACKAMAS-BORING	1.01	1.16	3.25
LAKE OF THE WOODS	-2.90	-2.56	3.25
OLDS FERRY-ONTARIO	26.12	26.28	3.25
OLDS FERRY-ONTARIO	26.12	26.28	3.25
N ASHLAND CONN. NO. 2	19.13	19.16	3.24
N ASHLAND CONN. NO. 2	19.07	19.07	3.24
COLUMBIA RIVER	186.02	186.79	3.24
COLUMBIA RIVER	186.84	186.85	3.24
REED MARKET RD. CONN. NO 2	139.13	139.15	3.24
THE DALLES-CALIFORNIA	91.72	91.73	3.24
THE DALLES-CALIFORNIA	0.00	0.00	3.24
ALBANY-CORVALLIS	1.60	2.30	3.24
GREEN SPRINGS	2.47	2.50	3.24
OREGON COAST	105.43	105.45	3.24
OREGON COAST	15.49	16.44	3.24
GREEN SPRINGS	56.72	57.29	3.24
OREGON COAST	187.16	187.36	3.24
OREGON COAST	143.71	143.85	3.24
CORVALLIS-NEWPORT	49.87	49.87	3.24
CORVALLIS-NEWPORT	49.87	49.87	3.24
TUALATIN VALLEY	19.96	20.28	3.24
MCKENZIE	109.75	109.90	3.24
SANTIAM	2.61	2.88	3.24
ALSEA	58.06	58.33	3.24
CORVALLIS-NEWPORT	49.87	49.87	3.24
CRATER LAKE	11.28	11.36	3.24
OREGON COAST	116.11	116.31	3.24
CORVALLIS-NEWPORT	49.87	49.91	3.24
ALBANY-CORVALLIS	0.95	1.14	3.24
MCKENZIE-BEND	17.88	17.95	3.24
MCKENZIE	-0.09	-0.06	3.24
SALMON RIVER	48.54	49.89	3.24
FLORENCE-EUGENE	42.88	46.20	3.24
UMATILLA-STANFIELD	11.41	11.45	3.24
OCHOCO	20.99	22.75	3.24
WILSON RIVER	2.68	3.29	3.24
SALMON RIVER	36.93	43.02	3.24
ROGUE VALLEY	22.63	23.65	3.24

SALMON RIVER	34.11	34.31	3.24
SALMON RIVER	-0.41	-0.36	3.24
SUNSET	58.88	59.02	3.24
OCHOCO	15.65	15.93	3.24
COOS BAY-ROSEBURG	74.43	74.46	3.24
OCHOCO	20.67	20.92	3.24
SALMON RIVER	49.93	50.10	3.24
PENDLETON	-0.03	0.26	3.24
PACIFIC HIGHWAY WEST	33.74	33.74	3.24
LA GRANDE-BAKER	0.28	0.33	3.24
PACIFIC HIGHWAY WEST	24.95	25.11	3.24
PACIFIC HIGHWAY EAST	43.55	43.55	3.24
PACIFIC HIGHWAY WEST	26.62	26.86	3.24
PACIFIC HIGHWAY EAST	43.85	43.87	3.24
PACIFIC HIGHWAY WEST	32.97	33.74	3.24
PACIFIC HIGHWAY WEST	32.97	33.74	3.24
PACIFIC HIGHWAY WEST	34.22	34.58	3.24
PACIFIC HIGHWAY EAST	33.53	33.92	3.24
PENDLETON	5.08	5.12	3.24
PACIFIC HIGHWAY WEST	32.97	32.97	3.24
PACIFIC HIGHWAY WEST	26.50	26.62	3.24
PACIFIC HIGHWAY WEST	87.53	87.84	3.24
PENDLETON	5.15	5.36	3.24
PACIFIC HIGHWAY WEST	34.22	34.53	3.24
PACIFIC HIGHWAY WEST	34.85	35.01	3.24
PACIFIC HIGHWAY WEST	24.49	24.93	3.24
WHITNEY	49.17	49.52	3.24
PACIFIC HIGHWAY EAST	43.89	43.90	3.24
PACIFIC HIGHWAY EAST	44.29	44.33	3.24
	0.05	0.07	3.24
PACIFIC HIGHWAY WEST	32.97	32.97	3.24
PACIFIC HIGHWAY WEST	34.91	34.92	3.24
PACIFIC HIGHWAY WEST	125.75	125.79	3.24
PACIFIC HIGHWAY WEST	32.77	32.97	3.24
PACIFIC HIGHWAY WEST	30.82	31.19	3.24
PACIFIC HIGHWAY WEST	34.92	35.05	3.24
PACIFIC HIGHWAY WEST	63.86	64.38	3.24
PACIFIC HIGHWAY WEST	24.58	25.12	3.24
PACIFIC HIGHWAY WEST	34.58	34.91	3.24
PACIFIC HIGHWAY EAST	36.98	37.06	3.24
PACIFIC HIGHWAY WEST	34.53	34.83	3.24
PACIFIC HIGHWAY WEST	33.74	33.74	3.24
PACIFIC HIGHWAY WEST	125.78	125.80	3.24
PACIFIC HIGHWAY WEST	24.49	24.56	3.24
WARRENTON-ASTORIA	4.37	4.39	3.24
WARRENTON-ASTORIA	4.34	4.35	3.24
WARRENTON-ASTORIA	3.50	3.56	3.24
LOWER COLUMBIA RIVER	43.40	44.21	3.24
HILLSBORO-SILVERTON	49.05	49.26	3.24
HILLSBORO-SILVERTON	36.69	36.70	3.24
NORTH SANTIAM	6.04	6.45	3.24
NORTH SANTIAM	6.86	7.54	3.24
NORTH SANTIAM	11.75	12.68	3.24
HILLSBORO-SILVERTON	22.19	22.75	3.24
NORTH SANTIAM	6.48	6.68	3.24
CASCADE HWY SOUTH	16.34	16.52	3.24
WARRENTON-ASTORIA	4.35	4.36	3.24
HILLSBORO-SILVERTON	36.75	36.77	3.24
SWIFT	0.35	0.41	3.24
WARRENTON-ASTORIA	3.84	3.89	3.24
NORTH SANTIAM	7.00	7.55	3.24
WARRENTON-ASTORIA	3.80	3.80	3.24
NORTH SANTIAM	13.54	13.80	3.24
NORTH SANTIAM	14.30	14.40	3.24
HILLSBORO-SILVERTON	22.75	23.07	3.24
NORTH SANTIAM	13.37	13.54	3.24
NEHALEM	88.98	89.29	3.24
HILLSBORO-SILVERTON	36.69	36.73	3.24
NORTHEAST PORTLAND	0.08	0.49	3.24
CASCADE HWY SOUTH	14.71	15.20	3.24
NORTH SANTIAM	6.45	6.70	3.24
WARRENTON-ASTORIA	3.92	4.34	3.24
NORTH SANTIAM	11.21	11.28	3.24
HISTORIC COLUMBIA RIVER	48.68	48.91	3.24
NORTH SANTIAM	6.70	7.00	3.24
NEHALEM	90.26	90.30	3.24
NORTH SANTIAM	6.04	6.48	3.24

CASCADE HWY SOUTH	1.92	2.74	3.24
HILLSBORO-SILVERTON	36.68	36.69	3.24
NORTH SANTIAM	6.68	6.86	3.24
HILLSBORO-SILVERTON	21.87	21.87	3.24
SILVER CREEK FALLS	39.47	39.54	3.24
SALEM-DAYTON	17.57	17.65	3.24
MONMOUTH	6.27	6.41	3.24
CLACKAMAS-BORING	8.49	8.53	3.24
HERMISTON	5.13	5.47	3.24
CLACKAMAS-BORING	8.37	8.37	3.24
JACKSONVILLE	30.24	30.48	3.24
JACKSONVILLE	30.53	30.59	3.24
HERMISTON	9.94	10.00	3.24
LAKE OF THE WOODS	-6.77	-3.23	3.24
CLACKAMAS-BORING	8.48	8.49	3.24
LAKE OF THE WOODS	-8.03	-6.87	3.24
SAMS VALLEY	3.46	3.90	3.24
LAKE OF THE WOODS	5.03	5.57	3.24
JACKSONVILLE	31.59	32.41	3.24
SPRINGFIELD-CRESWELL	14.36	14.41	3.24
LAKE OF THE WOODS	-8.15	-8.03	3.24
HOOD RIVER	3.86	4.00	3.24
CLACKAMAS-BORING	8.53	8.59	3.24
CLACKAMAS-BORING	8.58	8.61	3.24
HERMISTON	4.67	4.97	3.24
JACKSONVILLE	31.34	31.44	3.24
JACKSONVILLE	2.04	2.68	3.24
JACKSONVILLE	30.95	30.98	3.24
OLDS FERRY-ONTARIO	24.56	25.13	3.24
CLACKAMAS-BORING	8.71	8.77	3.24
HOOD RIVER	3.45	3.78	3.24
CLACKAMAS-BORING	8.46	8.48	3.24
SAMS VALLEY	0.80	0.89	3.24
MCVAY	1.57	1.62	3.24
CLACKAMAS-BORING	8.62	8.87	3.24
KINGS VALLEY	1.96	2.13	3.24
CLACKAMAS-BORING	8.37	8.39	3.24
KINGS VALLEY	4.82	5.04	3.24
CLACKAMAS-BORING	8.59	8.71	3.24
MCVAY	1.55	1.57	3.24
O NEIL	0.02	0.07	3.24
ELKTON-SUTHERLIN	23.84	23.88	3.24
JACKSONVILLE	31.06	31.07	3.24
HERMISTON	10.01	10.11	3.24
HERMISTON	9.89	9.93	3.24
CLACKAMAS-BORING	8.39	8.46	3.24
JACKSONVILLE	2.77	2.80	3.24
HOOD RIVER	2.35	2.55	3.24
HERMISTON	4.00	4.27	3.24
HERMISTON	2.87	3.97	3.24
MCVAY	1.48	1.55	3.24
E HOOD RIVER CONN. NO. 2	64.48	64.52	3.23
PACIFIC	286.22	286.47	3.22
PACIFIC	285.77	285.82	3.22
PACIFIC	271.58	271.77	3.22
PACIFIC	286.02	286.15	3.22
PACIFIC	291.58	291.60	3.22
PACIFIC	291.46	291.50	3.22
PACIFIC	272.27	272.36	3.22
PACIFIC	291.71	291.73	3.22
PACIFIC	306.98	307.03	3.22
PACIFIC	286.45	286.47	3.22
PACIFIC	291.50	291.64	3.22
PACIFIC	291.51	291.58	3.22
PACIFIC	307.40	307.45	3.22
PACIFIC	289.79	289.85	3.22
PACIFIC	272.09	272.12	3.22
PACIFIC	283.41	283.50	3.22
PACIFIC	289.80	289.82	3.22
NYBERG RD. CONN. NO. 2	289.52	289.55	3.22
NYBERG RD. CONN. NO. 2	289.42	289.44	3.22
NYBERG RD. CONN. NO. 2	289.49	289.49	3.22
NYBERG RD. CONN. NO. 2	289.49	289.49	3.22
NYBERG RD. CONN. NO. 2	289.44	289.49	3.22
NYBERG RD. CONN. NO. 2	289.49	289.52	3.22
POWERS RD. CONN. NO. 5	139.76	139.86	3.22
MAIN ST. CONN.	275.25	275.27	3.22

REED MARKET RD. CONN. NO 3	139.16	139.17	3.22
REED MARKET RD. CONN. NO 3	139.17	139.25	3.22
POWERS RD. CONN. NO. 4	139.92	140.02	3.22
GREEN SPRINGS DR. CONN.	276.74	276.78	3.22
207TH AVE. INTCHG. CONN. 2	14.41	14.43	3.22
POWERS RD. CONN. NO. 2	140.02	140.11	3.22
REED MARKET RD. CONN. NO 3	139.09	139.15	3.22
GREEN SPRINGS DR. CONN.	276.80	277.03	3.22
MCKENZIE-BEND N CONN. 2	135.21	135.23	3.22
S KLAMATH FALLS CONN NO 2	276.91	276.94	3.22
REED MARKET RD. CONN. NO 5	139.44	139.44	3.22
S KLAMATH FALLS CONN NO 1	277.53	277.55	3.22
S KLAMATH FALLS CONN NO 1	277.55	277.66	3.22
S KLAMATH FALLS CONN NO 2	276.97	277.04	3.22
207TH AVE. INTCHG. CONN. 2	14.43	14.44	3.22
207TH AVE. INTCHG. CONN. 2	14.37	14.39	3.22
207TH AVE. INTCHG. CONN. 2	14.39	14.41	3.22
REED MARKET RD. CONN. NO 1	139.11	139.17	3.22
POWERS RD. CONN. NO. 3	139.97	140.06	3.22
OREGON COAST	239.51	239.60	3.22
S KLAMATH FALLS CONN NO 2	277.04	277.07	3.22
207TH AVE. INTCHG. CONN. 2	14.43	14.43	3.22
REED MARKET RD. CONN. NO 3	139.25	139.26	3.22
REED MARKET RD. CONN. NO 4	139.24	139.25	3.22
OREGON COAST	239.48	239.57	3.22
PENDLETON-JOHN DAY	1.63	1.66	3.22
MCKENZIE	111.35	111.41	3.22
PENDLETON-JOHN DAY	1.70	1.77	3.22
WALLOWA LAKE	2.10	2.14	3.22
WALLOWA LAKE	2.07	2.09	3.22
PENDLETON-JOHN DAY	1.66	1.68	3.22
PENDLETON-JOHN DAY	1.68	1.70	3.22
CORNELIUS PASS CONN. NO. 3	62.45	62.46	3.22
CORNELIUS PASS CONN. NO. 3	62.44	62.45	3.22
CORNELIUS PASS CONN. NO. 3	62.41	62.44	3.22
CORNELIUS PASS CONN. NO. 3	62.32	62.39	3.22
CORNELIUS PASS CONN. NO. 3	62.39	62.41	3.22
ROGUE RIVER	0.03	0.10	3.22
PACIFIC HIGHWAY EAST	19.11	19.26	3.22
PACIFIC	285.87	285.88	3.21
PACIFIC	285.87	285.88	3.21
PACIFIC	285.87	285.88	3.21
CHEMAWA RD. CONN. NO. 2	260.29	260.44	3.21
PACIFIC	285.87	285.88	3.21
OREGON COAST	237.80	237.94	3.21
OREGON COAST	239.38	239.46	3.21
GREEN SPRINGS	58.67	58.73	3.21
GREEN SPRINGS	57.42	58.11	3.21
GREEN SPRINGS	58.21	58.34	3.21
OREGON COAST	239.38	239.46	3.21
PACIFIC HIGHWAY WEST	-5.42	-5.41	3.21
PACIFIC HIGHWAY EAST	27.11	27.13	3.21
PACIFIC HIGHWAY WEST	-5.65	-5.60	3.21
PACIFIC HIGHWAY WEST	-5.50	-5.42	3.21
PACIFIC HIGHWAY EAST	25.82	25.84	3.21
PACIFIC HIGHWAY WEST	-5.75	-5.69	3.21
PACIFIC HIGHWAY EAST	27.75	28.34	3.21
PACIFIC HIGHWAY WEST	-5.33	-5.29	3.21
PACIFIC HIGHWAY EAST	26.79	27.02	3.21
PACIFIC HIGHWAY WEST	-5.69	-5.65	3.21
PACIFIC HIGHWAY WEST	-5.52	-5.50	3.21
PACIFIC HIGHWAY WEST	-5.84	-5.75	3.21
PACIFIC HIGHWAY WEST	-5.76	-5.52	3.21
PACIFIC HIGHWAY EAST	28.69	28.76	3.21
HILLSBORO-SILVERTON	36.23	36.44	3.21
BEAVERTON-TUALATIN	13.23	13.24	3.21
CLACKAMAS	8.39	8.44	3.21
BEAVERTON-TUALATIN	12.95	13.24	3.21
HISTORIC COLUMBIA RIVER	49.20	49.29	3.21
BEAVERTON-TUALATIN	5.85	5.86	3.21
HILLSBORO-SILVERTON	35.76	36.01	3.21
BEAVERTON-TUALATIN	13.23	13.24	3.21
CASCADE HWY SOUTH	16.22	16.34	3.21
BEAVERTON-TUALATIN	8.66	8.71	3.21
HILLSBORO-SILVERTON	36.02	36.20	3.21
BEAVERTON-TUALATIN	12.47	12.55	3.21
SWIFT	2.66	2.71	3.21

BEAVERTON-TUALATIN	12.69	12.76	3.21
BEAVERTON-TUALATIN	13.23	13.24	3.21
EAGLE CREEK-SANDY	4.77	4.90	3.21
CAPE ARAGO	6.05	6.29	3.21
CAPE ARAGO	5.07	5.43	3.21
PACIFIC	291.36	291.41	3.2
PACIFIC	291.03	291.04	3.2
PACIFIC	286.57	287.93	3.2
PACIFIC	259.03	259.19	3.2
PACIFIC	289.26	289.28	3.2
PACIFIC	291.79	291.82	3.2
PACIFIC	254.25	254.41	3.2
PACIFIC	286.54	288.21	3.2
PACIFIC	291.26	291.28	3.2
PACIFIC	300.42	300.44	3.2
PACIFIC	291.38	291.39	3.2
PACIFIC	254.23	254.25	3.2
PACIFIC	289.51	289.66	3.2
PACIFIC	300.43	300.45	3.2
PACIFIC	291.92	291.98	3.2
COLUMBIA RIVER	9.70	9.85	3.2
COLUMBIA RIVER	7.22	7.40	3.2
COLUMBIA RIVER	7.12	7.37	3.2
COLUMBIA RIVER	10.32	10.42	3.2
BAKER RD INTCHGE CONN NO 4	142.87	143.07	3.2
EMPIRE AVE. CONN. NO. 4	135.00	135.03	3.2
BAKER RD INTRCHE CONN NO 1	143.15	143.36	3.2
OREGON COAST	4.33	4.33	3.2
OREGON COAST	4.33	4.33	3.2
OREGON COAST	4.33	4.40	3.2
REVERE AVE. CONN. NO. 3	136.95	137.06	3.2
REVERE AVE. CONN. NO. 1	137.06	137.19	3.2
EMPIRE AVE. CONN. NO. 2	135.72	135.76	3.2
BAKER RD INTCHGE CONN NO 3	143.69	143.94	3.2
OREGON COAST	4.32	4.33	3.2
OREGON COAST	4.33	4.33	3.2
EMPIRE AVE. CONN. NO. 3	135.98	136.06	3.2
COLORADO AVE. CONN. NO. 2	138.11	138.12	3.2
OREGON-WASHINGTON	-0.57	-0.50	3.2
OREGON-WASHINGTON	-0.40	-0.32	3.2
BAKER RD INTCHGE CONN NO 2	143.28	143.44	3.2
OREGON COAST	237.90	237.92	3.2
MCKENZIE	11.38	11.41	3.2
WALLOWA LAKE	2.61	2.61	3.2
SANTIAM	13.14	13.20	3.2
SUNSET	72.82	73.14	3.2
PACIFIC HWY. WEST CONN.	44.06	44.07	3.2
SUNSET	71.64	71.96	3.2
SUNSET	66.24	66.30	3.2
PACIFIC HWY WEST HWY CONN.	44.58	44.68	3.2
SUNSET	71.96	72.09	3.2
PACIFIC HWY. WEST CONN.	44.07	44.09	3.2
WILSON RIVER	2.13	2.14	3.2
SUNSET	72.26	72.38	3.2
SUNSET	72.57	72.67	3.2
E. MCMINNVILLE CONN. NO. 1	45.88	45.89	3.2
SUNSET	70.02	70.12	3.2
STADIUM FREEWAY	3.39	3.49	3.2
STADIUM FREEWAY	3.39	3.49	3.2
BELTLINE	10.08	10.08	3.2
SALEM	0.00	0.15	3.2
EAST PORTLAND FREEWAY	19.88	20.04	3.2
BELTLINE	12.86	13.00	3.2
BELTLINE	10.26	10.33	3.2
BELTLINE	12.75	12.77	3.2
BELTLINE	9.95	10.03	3.2
DELTA HIGHWAY CONN. NO. 3	10.08	10.08	3.2
BELTLINE	10.08	10.08	3.2
EAST PORTLAND FREEWAY	24.97	25.08	3.2
BELTLINE	6.48	6.53	3.2
BELTLINE	6.57	6.76	3.2
DELTA HIGHWAY CONN. NO. 3	10.08	10.08	3.2
LA GRANDE-BAKER	1.20	1.23	3.2
BELTLINE	6.36	6.55	3.2
DELTA HIGHWAY CONN. NO. 3	10.08	10.08	3.2
BELTLINE	4.37	4.44	3.2
BELTLINE	4.37	4.38	3.2

EAST PORTLAND FREEWAY	24.92	25.08	3.2
BELTLINE	6.55	6.57	3.2
BELTLINE	10.30	10.32	3.2
EAST PORTLAND FREEWAY	13.73	14.05	3.2
PACIFIC HIGHWAY WEST	63.09	63.17	3.2
BELTLINE	12.74	12.75	3.2
BELTLINE	10.08	10.26	3.2
EAST PORTLAND FREEWAY	15.38	15.69	3.2
PACIFIC HIGHWAY EAST	28.64	28.67	3.2
EAST PORTLAND FREEWAY	22.93	22.99	3.2
BELTLINE	6.53	6.73	3.2
EAST PORTLAND FREEWAY	15.40	15.69	3.2
BELTLINE	10.08	10.30	3.2
BELTLINE	4.37	4.38	3.2
PACIFIC HIGHWAY WEST	26.42	26.46	3.2
EAST PORTLAND FREEWAY	1.24	1.30	3.2
EAST PORTLAND FREEWAY	20.02	20.05	3.2
BELTLINE	12.77	12.97	3.2
W. SALMON RIVER HWY CONN.	39.50	39.52	3.2
DELTA HIGHWAY CONN. NO. 3	10.08	10.08	3.2
	5.70	5.79	3.2
BELTLINE	12.73	12.74	3.2
PACIFIC HIGHWAY WEST	32.62	32.63	3.2
BELTLINE	10.08	10.08	3.2
	6.21	6.26	3.2
BELTLINE	9.99	10.08	3.2
BELTLINE	6.29	6.48	3.2
BELTLINE	10.03	10.08	3.2
BELTLINE	12.77	12.77	3.2
PACIFIC HWY CONN. NO. 4	12.76	12.77	3.2
BELTLINE	4.37	4.44	3.2
CLACKAMAS	3.91	3.92	3.2
CLACKAMAS	3.92	3.93	3.2
WILLAMINA-SHERIDAN	1.90	2.00	3.2
CLACKAMAS	3.88	3.89	3.2
CLACKAMAS	3.90	3.91	3.2
BEAVERTON-TIGARD	0.57	0.65	3.2
BEAVERTON-TIGARD	0.57	0.64	3.2
SILVER CREEK FALLS	39.23	39.26	3.2
DAYTON CONN. NO. 1	0.09	0.12	3.2
HWY. 033 CONN. NO. 1	84.32	84.34	3.2
WILLAMINA-SHERIDAN	1.84	1.89	3.2
NEHALEM	0.17	0.18	3.2
CLACKAMAS	3.89	3.90	3.2
NEHALEM	88.69	88.75	3.2
CAPE ARAGO	4.89	4.95	3.2
KINGS VALLEY	3.63	3.71	3.2
MAPLETON-JUNCTION CITY	51.54	51.58	3.2
CULVER	1.04	1.21	3.2
MIDLAND	1.33	1.69	3.2
CAPE ARAGO	5.45	5.49	3.2
CAPE ARAGO	5.58	5.62	3.2
EUGENE-SPRINGFIELD	6.79	6.92	3.2
GOSHEN-DIVIDE	13.86	13.95	3.2
E. MCMINNVILLE CONN. NO. 2	45.70	45.94	3.2
	141.83	141.88	3.19
CLACKAMAS-BORING HWY CONN	19.28	19.49	3.19
MT. HOOD	21.98	21.99	3.19
TUALATIN VALLEY	20.29	20.30	3.19
SALMON RIVER	60.57	60.61	3.19
PENDLETON-COLD SPRINGS	30.67	30.68	3.19
CORVALLIS-LEBANON HWY CONN	8.11	8.17	3.19
LAFAYETTE HWY CONN. NO. 2	49.94	49.97	3.19
CORVALLIS-LEBANON HWY CONN	7.90	8.11	3.19
PENDLETON-COLD SPRINGS	30.68	30.75	3.19
PACIFIC HIGHWAY WEST	74.97	74.99	3.19
CEDAR CREEK CONN.	18.21	18.25	3.19
PACIFIC HIGHWAY WEST	-5.00	-4.96	3.19
WHITNEY	49.91	50.25	3.19
PACIFIC HIGHWAY EAST	40.49	40.52	3.19
PACIFIC HIGHWAY EAST	40.85	40.89	3.19
EAST PORTLAND FREEWAY	16.24	16.27	3.19
PACIFIC HIGHWAY EAST	40.54	40.70	3.19
PACIFIC HIGHWAY WEST	21.03	21.07	3.19
LEWIS & CLARK BR CONN NO 6	48.56	48.57	3.19
LEWIS & CLARK BR CONN NO 4	48.70	48.71	3.19
LEWIS & CLARK BR CONN NO 1	48.60	48.62	3.19

LOWER COLUMBIA RIVER	16.44	16.49	3.19
JEFFERSON	4.92	5.28	3.19
LEWIS & CLARK BR CONN NO 2	48.63	48.69	3.19
LOWER COLUMBIA RIVER	13.26	13.27	3.19
LEWIS & CLARK BR CONN NO 6	48.57	48.62	3.19
HISTORIC COLUMBIA RIVER	3.95	4.27	3.19
SALEM-DAYTON	0.08	0.16	3.19
LOWER COLUMBIA RIVER	46.61	46.64	3.19
SALEM-DAYTON	0.20	0.24	3.19
SALEM-DAYTON	0.00	0.08	3.19
SILVER CREEK FALLS	39.11	39.23	3.19
WOODBURN-ESTACADA	13.67	13.71	3.19
LEWIS & CLARK BR CONN NO 3	48.71	48.73	3.19
HILLSBORO-SILVERTON	39.66	39.71	3.19
JEFFERSON	6.17	6.20	3.19
LEWIS & CLARK BR CONN NO 6	48.47	48.56	3.19
LEWIS & CLARK BR CONN NO 6	48.39	48.46	3.19
BEAVERTON-TUALATIN	8.29	8.31	3.19
NORTH UMPQUA HIGHWAY EAST	4.37	4.76	3.19
SALEM-DAYTON	0.07	0.08	3.19
LEWIS & CLARK BR CONN NO 5	48.98	49.03	3.19
LEWIS & CLARK BR CONN NO 6	48.46	48.46	3.19
SALEM-DAYTON	0.79	0.88	3.19
SALEM-DAYTON	0.03	0.10	3.19
HILLSBORO-SILVERTON	17.92	17.93	3.19
LEWIS & CLARK BR CONN NO 6	48.46	48.46	3.19
HISTORIC COLUMBIA RIVER	0.65	0.74	3.19
HILLSBORO-SILVERTON	0.41	0.85	3.19
SALEM-DAYTON	0.10	0.20	3.19
PAULINA	0.00	0.07	3.19
SAMS VALLEY	1.45	1.52	3.19
ALBANY-JCT. CITY HWY. # 2	7.79	7.87	3.19
CULVER	1.38	1.39	3.19
ALBANY-JCT. CITY HWY. # 2	7.72	7.79	3.19
ALBANY-JCT. CITY HWY. # 1	7.55	7.69	3.19
FREEWATER	3.18	3.29	3.19
SAMS VALLEY	1.24	1.33	3.19
CAPE ARAGO	4.75	4.81	3.19
GOLD HILL SPUR	2.47	2.65	3.19
CULVER	2.27	2.30	3.19
Q STREET CONN. NO. 1	194.06	194.07	3.18
Q STREET CONN. NO. 1	194.06	194.07	3.18
	24.73	24.96	3.18
THE DALLES-CALIFORNIA	0.91	0.96	3.18
THE DALLES-CALIFORNIA	115.18	115.23	3.18
THE DALLES-CALIFORNIA	143.63	143.68	3.18
GREEN SPRINGS	7.76	9.08	3.18
WILLAMINA-SALEM	25.80	25.81	3.18
GREEN SPRINGS	6.46	7.74	3.18
GREEN SPRINGS	4.47	6.46	3.18
WILLAMINA-SALEM	25.26	25.43	3.18
GREEN SPRINGS	2.39	2.43	3.18
GREEN SPRINGS	3.15	3.16	3.18
CRATER LAKE AVE FRONT. RD.	1.93	1.97	3.18
GREEN SPRINGS	2.45	2.46	3.18
WILLAMINA-SALEM	25.26	25.43	3.18
GREEN SPRINGS	2.08	2.37	3.18
ROGUE RIVER	14.57	14.76	3.18
WILSONVILLE-HUBBARD	0.12	0.41	3.18
WILSONVILLE-HUBBARD	-0.23	0.07	3.18
ROGUE RIVER	14.69	14.95	3.18
WILSONVILLE-HUBBARD	5.41	5.44	3.18
WILSONVILLE-HUBBARD	5.44	5.63	3.18
WILSONVILLE-HUBBARD	0.07	0.12	3.18
WILSONVILLE-HUBBARD	-0.22	0.41	3.18
WILSONVILLE-HUBBARD	5.44	5.55	3.18
PENDLETON-COLD SPRINGS	29.99	30.03	3.18
BELTLINE	4.62	5.28	3.18
SALEM	0.43	0.47	3.18
PACIFIC HIGHWAY EAST	26.00	26.64	3.18
BELTLINE	7.25	7.35	3.18
BELTLINE	7.35	7.80	3.18
BELTLINE	10.40	10.41	3.18
CASCADE HWY NORTH	-0.14	-0.10	3.18
PACIFIC HIGHWAY EAST	30.18	30.46	3.18
PACIFIC HIGHWAY EAST	27.47	27.49	3.18
SALEM	0.26	0.42	3.18

PACIFIC HIGHWAY EAST	41.98	42.15	3.18
PACIFIC HIGHWAY EAST	27.61	27.61	3.18
PACIFIC HIGHWAY EAST	27.31	27.54	3.18
BELTLINE	11.21	11.39	3.18
PACIFIC HIGHWAY EAST	27.31	27.47	3.18
	4.11	4.13	3.18
SALEM	0.11	0.28	3.18
BELTLINE	12.62	12.64	3.18
	4.85	5.22	3.18
BELTLINE	11.39	11.46	3.18
BELTLINE	7.34	7.78	3.18
SALEM	0.51	0.65	3.18
BELTLINE	5.88	6.18	3.18
BELTLINE	6.18	6.28	3.18
BELTLINE	5.93	6.21	3.18
BELTLINE	12.63	12.63	3.18
SALEM	0.42	0.46	3.18
SALEM	0.28	0.43	3.18
BELTLINE	5.87	5.88	3.18
BELTLINE	4.61	5.26	3.18
PACIFIC HIGHWAY EAST	26.71	26.73	3.18
BELTLINE	8.74	8.99	3.18
BELTLINE	7.26	7.34	3.18
BELTLINE	10.53	10.73	3.18
SALEM	0.46	0.48	3.18
BELTLINE	11.21	11.45	3.18
BELTLINE	8.77	9.00	3.18
SALEM	0.48	0.51	3.18
PACIFIC HIGHWAY EAST	27.54	27.56	3.18
BELTLINE	10.58	10.74	3.18
PACIFIC HIGHWAY EAST	40.20	40.40	3.18
BELTLINE	5.86	5.93	3.18
BELTLINE	12.64	12.64	3.18
WOODBURN-ESTACADA	10.99	11.10	3.18
COAST HWY CONN.	1.82	1.82	3.18
SALEM-DAYTON	17.44	17.57	3.18
HISTORIC COLUMBIA RIVER	71.88	72.20	3.18
	88.66	88.66	3.18
	88.67	88.68	3.18
HISTORIC COLUMBIA RIVER	0.28	0.37	3.18
LOWER COLUMBIA RIVER	47.24	47.32	3.18
COAST HWY CONN.	1.84	1.88	3.18
	88.68	88.68	3.18
YAMHILL-NEWBERG	9.84	10.61	3.18
LOWER COLUMBIA RIVER	47.12	47.16	3.18
HILLSBORO-SILVERTON	1.39	1.40	3.18
JEFFERSON	8.43	8.90	3.18
HISTORIC COLUMBIA RIVER	5.78	5.80	3.18
WOODBURN-ESTACADA	0.46	0.47	3.18
	88.66	88.66	3.18
	88.67	88.68	3.18
WILLAMINA-SHERIDAN	2.91	3.17	3.18
	88.66	88.66	3.18
JEFFERSON	8.13	8.54	3.18
COAST HWY CONN.	1.55	1.63	3.18
	88.68	88.68	3.18
	88.66	88.66	3.18
HISTORIC COLUMBIA RIVER	1.63	2.21	3.18
COAST HWY CONN.	1.67	1.73	3.18
PACIFIC HWY & ELLIGSEN RD	12.86	12.95	3.18
GOLD HILL SPUR	2.81	2.93	3.18
EUGENE-SPRINGFIELD	3.51	3.55	3.18
MOSIER-THE DALLES	19.99	20.00	3.18
FORT STEVENS SPUR	5.17	5.18	3.18
SPRINGFIELD-CRESWELL	14.42	14.47	3.18
CULVER	4.53	4.75	3.18
EUGENE-SPRINGFIELD	7.47	8.19	3.18
CULVER	0.42	0.72	3.18
MOSIER-THE DALLES	20.00	20.02	3.18
MOSIER-THE DALLES	20.13	20.14	3.18
GOSHEN-DIVIDE	6.25	6.83	3.18
EUGENE-SPRINGFIELD	3.70	4.34	3.18
CAPE ARAGO	7.54	7.56	3.18
MOSIER-THE DALLES	20.04	20.08	3.18
PAULINA	1.18	1.67	3.18
GOSHEN-DIVIDE	0.45	0.93	3.18
EUGENE-SPRINGFIELD	7.46	7.47	3.18

ELKTON-SUTHERLIN	22.66	23.11	3.18
FORT STEVENS SPUR	4.71	4.73	3.18
MOSIER-THE DALLES	20.07	20.08	3.18
SPRINGFIELD-CRESWELL	14.53	14.56	3.18
FORT STEVENS SPUR	4.62	4.71	3.18
EUGENE-SPRINGFIELD	3.68	3.70	3.18
COOS RIVER	2.07	2.20	3.18
CAPE ARAGO	8.09	8.24	3.18
EUGENE-SPRINGFIELD	3.49	3.51	3.18
GOLD HILL SPUR	3.30	3.32	3.18
EUGENE-SPRINGFIELD	3.55	3.70	3.18
GOLD HILL SPUR	2.73	2.75	3.18
MOSIER-THE DALLES	20.08	20.10	3.18
CAPE ARAGO	6.34	6.37	3.18
CULVER	3.37	3.95	3.18
EUGENE-SPRINGFIELD	8.62	9.73	3.18
SPRINGFIELD-CRESWELL	14.17	14.22	3.18
EUGENE-SPRINGFIELD	4.34	4.42	3.18
ROGUE RIVER LOOP	2.37	2.48	3.18
MOSIER-THE DALLES	20.02	20.07	3.18
EUGENE-SPRINGFIELD	7.46	7.47	3.18
MOSIER-THE DALLES	20.03	20.04	3.18
EMPIRE AVE. CONN. NO. 4	135.14	135.23	3.17
REED MARKET RD. CONN. NO 6	139.00	139.08	3.17
MCKENZIE-BEND N CONN. 1	134.93	134.99	3.17
BUTLER MARKET CONN. NO. 2	135.64	135.79	3.17
OREGON-WASHINGTON	24.98	25.27	3.17
REVERE AVE. CONN. NO. 4	137.32	137.37	3.17
OREGON COAST	238.96	239.01	3.17
COLORADO AVE. CONN. NO. 4	138.15	138.17	3.17
THE DALLES-CALIFORNIA	92.38	92.46	3.17
THE DALLES-CALIFORNIA	92.56	92.60	3.17
THE DALLES-CALIFORNIA	92.94	93.08	3.17
MCKENZIE-BEND N CONN. 2	135.03	135.10	3.17
REVERE AVE. CONN. NO. 3	137.15	137.17	3.17
OREGON COAST	238.62	238.74	3.17
REED MARKET RD. CONN. NO 6	138.99	139.00	3.17
REVERE AVE. CONN. NO. 1	136.96	137.05	3.17
REVERE AVE. CONN. NO. 5	137.04	137.10	3.17
THE DALLES-CALIFORNIA	2.00	2.01	3.17
MCKENZIE-BEND N CONN. 2	135.10	135.15	3.17
THE DALLES-CALIFORNIA	92.45	92.54	3.17
REED MARKET RD. CONN. NO 1	139.04	139.08	3.17
EMPIRE AVE. CONN. NO. 3	135.86	135.88	3.17
THE DALLES-CALIFORNIA	92.58	92.68	3.17
MCKENZIE-BEND N CONN. 2	135.36	135.54	3.17
THE DALLES-CALIFORNIA	91.15	91.18	3.17
EMPIRE AVE. CONN. NO. 1	135.46	135.48	3.17
COLORADO AVE. CONN. NO. 5	138.01	138.05	3.17
COLORADO AVE. CONN. NO. 2	138.13	138.14	3.17
REVERE AVE. CONN. NO. 5	137.10	137.12	3.17
EMPIRE AVE. CONN. NO. 1	135.37	135.42	3.17
BUTLER MARKET CONN. NO. 1	136.25	136.30	3.17
THE DALLES-CALIFORNIA	279.34	279.35	3.17
COLORADO AVE. CONN. NO. 1	138.08	138.13	3.17
REVERE AVE. CONN. NO. 3	137.08	137.11	3.17
EMPIRE AVE. CONN. NO. 1	135.42	135.46	3.17
207TH AVE. INTCHG. CONN. 2	14.51	14.51	3.17
MT. HOOD	24.59	24.62	3.17
OREGON COAST	362.57	362.60	3.17
DIVISION ST. CONN. NO 1	19.72	19.72	3.17
ALBANY-CORVALLIS	8.42	8.45	3.17
PENDLETON-JOHN DAY	0.99	1.04	3.17
ALBANY-CORVALLIS	10.99	11.01	3.17
TUALATIN VALLEY	13.54	13.60	3.17
PENDLETON-JOHN DAY	0.06	0.28	3.17
CORVALLIS-NEWPORT	49.67	49.71	3.17
3RD ST. CONN. NO. 1	19.95	20.18	3.17
3RD ST. CONN. NO. 2	19.91	19.96	3.17
KLAMATH FALLS-LAKEVIEW	-0.14	-0.05	3.17
OREGON COAST	241.81	241.82	3.17
MCKENZIE-BEND INTCHGE. CON	18.60	18.64	3.17
PENDLETON-JOHN DAY	0.49	0.69	3.17
ALBANY-CORVALLIS	0.23	0.32	3.17
OREGON COAST	239.00	239.08	3.17
REDWOOD	-0.47	-0.41	3.17
3RD ST. CONN. NO. 2	20.11	20.20	3.17

OREGON COAST	125.33	125.36	3.17
TUALATIN VALLEY	16.13	16.62	3.17
TUALATIN VALLEY	16.84	17.03	3.17
OREGON COAST	59.21	59.26	3.17
KLAMATH FALLS-LAKEVIEW	7.14	7.24	3.17
ALBANY-CORVALLIS	10.96	10.99	3.17
OREGON COAST	2.98	3.06	3.17
WILLAMETTE	1.35	1.42	3.17
3RD ST. CONN. NO. 1	19.86	19.89	3.17
BAKER-COPPERFIELD	2.58	3.02	3.17
OREGON COAST	136.10	136.21	3.17
THE DALLES-CALIF HWY CONN.	0.06	0.13	3.17
TUALATIN VALLEY	16.28	16.61	3.17
MT. HOOD	24.63	24.63	3.17
KLAMATH FALLS-LAKEVIEW	0.07	0.19	3.17
TUALATIN VALLEY	16.68	17.03	3.17
MCKENZIE	2.11	2.13	3.17
KLAMATH FALLS-LAKEVIEW	0.05	0.07	3.17
OREGON COAST	24.57	24.59	3.17
PENDLETON-JOHN DAY	0.28	0.39	3.17
REDWOOD	6.63	6.67	3.17
3RD ST. CONN. NO. 2	19.99	20.01	3.17
OREGON COAST	352.19	352.31	3.17
KLAMATH FALLS-LAKEVIEW	0.00	0.05	3.17
MCKENZIE	111.86	111.92	3.17
KLAMATH FALLS-LAKEVIEW	-0.15	0.07	3.17
CORVALLIS-NEWPORT	50.17	50.18	3.17
WALLOWA LAKE	2.97	3.11	3.17
OREGON COAST	149.02	149.04	3.17
OREGON COAST	12.90	12.91	3.17
SYLVAN CONN. NO. 5	71.10	71.18	3.17
SYLVAN CONN. NO. 6	71.40	71.48	3.17
SYLVAN CONN. NO. 5	71.17	71.18	3.17
SYLVAN CONN. NO. 6	71.48	71.53	3.17
KLAMATH FALLS-MALIN	1.78	1.87	3.17
WARM SPRINGS	115.11	115.23	3.17
SYLVAN CONN. NO. 5	71.17	71.18	3.17
SYLVAN CONN. NO. 6	71.97	72.03	3.17
SYLVAN CONN. NO. 6	71.74	71.97	3.17
MURRAY BLVD. CONN. NO 6	67.20	67.22	3.17
HELVETIA RD. CONN. NO. 2	61.03	61.05	3.17
WESTERN BLVD. CONN. NO. 2	54.25	54.27	3.17
WESTERN BLVD. CONN. NO. 4	54.18	54.20	3.17
ROGUE RIVER	0.22	0.45	3.17
OCHOCO	2.15	2.33	3.17
SYLVAN CONN. NO. 6	71.47	71.48	3.17
ALBANY-CORVALLIS HWY CON 2	2.56	2.71	3.17
FLORENCE-EUGENE	1.05	1.11	3.17
SYLVAN CONN. NO. 5	71.17	71.18	3.17
ALBANY-CORVALLIS HWY CON 2	2.71	2.74	3.17
OCHOCO	14.79	14.83	3.17
SYLVAN CONN. NO. 6	71.47	71.48	3.17
N. THURSTON ST CONN. NO. 2	2.03	2.04	3.17
SYLVAN CONN. NO. 6	71.47	71.48	3.17
PACIFIC HIGHWAY WEST	122.11	122.13	3.17
PACIFIC HIGHWAY WEST	123.19	123.24	3.17
COLUMBIA BLVD. CONN. NO. 2	0.10	0.14	3.17
SALEM	5.69	6.24	3.17
PACIFIC HIGHWAY WEST	23.47	23.62	3.17
BELTLINE	0.57	0.63	3.17
PENDLETON	2.57	2.78	3.17
PACIFIC HIGHWAY WEST	84.08	84.16	3.17
	10.40	10.42	3.17
SALEM	6.30	6.33	3.17
PACIFIC HIGHWAY WEST	84.16	84.17	3.17
COLUMBIA BLVD. CONN. NO. 3	0.08	0.24	3.17
	0.14	0.26	3.17
PACIFIC HIGHWAY WEST	64.38	64.39	3.17
COLUMBIA BLVD. CONN. NO. 1	0.06	0.25	3.17
LA GRANDE-BAKER	5.20	5.22	3.17
PACIFIC HIGHWAY WEST	123.24	123.27	3.17
PACIFIC HIGHWAY WEST	38.09	38.12	3.17
PACIFIC HIGHWAY WEST	23.51	23.56	3.17
PACIFIC HIGHWAY WEST	84.19	84.31	3.17
SALEM	5.47	5.56	3.17
PACIFIC HIGHWAY WEST	83.11	83.20	3.17
PACIFIC HIGHWAY WEST	23.19	23.20	3.17

	-0.01	0.10	3.17
PACIFIC HIGHWAY WEST	83.35	83.36	3.17
COLUMBIA BLVD. CONN. NO. 2	0.06	0.10	3.17
	10.07	10.11	3.17
COLUMBIA BLVD. CONN. NO. 2	0.05	0.06	3.17
PACIFIC HIGHWAY WEST	25.85	25.96	3.17
VANCOUVER AVE. CONN. NO. 1	5.05	5.12	3.17
COLUMBIA BLVD. CONN. NO. 2	0.10	0.10	3.17
SALEM	6.57	6.60	3.17
	10.11	10.22	3.17
PACIFIC HIGHWAY WEST	23.23	23.35	3.17
SALEM	5.47	5.52	3.17
PACIFIC HIGHWAY WEST	121.98	122.07	3.17
	10.22	10.24	3.17
VANCOUVER AVE. CONN. NO. 6	4.94	5.01	3.17
PACIFIC HIGHWAY WEST	84.17	84.19	3.17
SALEM	5.60	6.13	3.17
NE PORTLAND HWY CONN. NO 1	0.34	0.40	3.17
PACIFIC HIGHWAY WEST	83.28	83.35	3.17
COLUMBIA BLVD. CONN. NO. 2	0.14	0.15	3.17
PACIFIC HIGHWAY WEST	23.61	23.71	3.17
PENDLETON	2.46	2.57	3.17
LA GRANDE-BAKER	0.19	0.20	3.17
SALEM	6.51	6.57	3.17
SALEM	6.30	6.51	3.17
EUGENE CONN.	121.87	121.94	3.17
	10.24	10.40	3.17
FORT STEVENS	5.75	6.01	3.17
HISTORIC COLUMBIA RIVER	0.40	0.53	3.17
WILLAMINA-SHERIDAN	5.46	6.18	3.17
NORTH UMPQUA HIGHWAY EAST	-0.56	-0.33	3.17
HILLSBORO-SILVERTON	37.45	37.66	3.17
NORTH UMPQUA HIGHWAY EAST	-0.36	-0.35	3.17
NEHALEM	88.79	88.82	3.17
LANCASTER DRIVE CONN. NO 2	1.85	1.91	3.17
NORTH UMPQUA HIGHWAY EAST	-0.41	-0.36	3.17
LOWER COLUMBIA RIVER	98.10	98.30	3.17
1ST STREET CONN. NO. 1	20.63	20.65	3.17
NORTH UMPQUA HIGHWAY EAST	-0.56	-0.49	3.17
NEHALEM	2.81	2.88	3.17
LANCASTER DRIVE CONN. NO 2	1.80	1.82	3.17
HILLSBORO-SILVERTON	37.86	37.87	3.17
NEHALEM	2.31	2.60	3.17
LOWER COLUMBIA RIVER	35.31	35.32	3.17
HISTORIC COLUMBIA RIVER	0.78	0.93	3.17
	-0.23	-0.14	3.17
LANCASTER DRIVE CONN. NO 2	1.96	1.99	3.17
LANCASTER DRIVE CONN. NO 2	1.84	1.85	3.17
LOWER COLUMBIA RIVER	98.19	98.32	3.17
CASCADE HWY NORTH CONN.	10.45	10.62	3.17
MIDLAND	3.75	3.77	3.17
KINGS VALLEY	2.46	2.57	3.17
SUNNYSIDE-UMAPINE	7.17	7.18	3.17
GOSHEN-DIVIDE	7.98	7.98	3.17
GOSHEN-DIVIDE	16.43	16.58	3.17
KINGS VALLEY	2.63	2.80	3.17
FREEWATER	0.00	0.61	3.17
FREEWATER	2.92	3.14	3.17
CORVALLIS-LEBANON	0.00	0.06	3.17
SUNNYSIDE-UMAPINE	7.18	7.93	3.17
COTTAGE GROVE INTCHG. CONN	14.10	14.16	3.17
MCKENZIE HWY CONN.	9.86	10.02	3.17
FORT STEVENS SPUR	5.21	5.33	3.17
KINGS VALLEY	1.79	1.79	3.17
CORVALLIS-LEBANON	-0.10	-0.05	3.17
LAKE OF THE WOODS	64.73	64.80	3.17
GOSHEN-DIVIDE	4.33	4.91	3.17
CORVALLIS-LEBANON	0.00	0.13	3.17
CARPENTERVILLE	362.26	362.27	3.17
CORVALLIS-LEBANON	16.50	16.57	3.17
BREWERY GRADE CONN. NO. 2	85.55	85.57	3.16
BREWERY GRADE CONN. NO. 2	85.57	85.62	3.16
NYBERG RD. CONN. NO. 2	289.38	289.42	3.16
THE DALLES-CALIFORNIA	92.14	92.34	3.16
REVERE AVE. CONN. NO. 2	137.10	137.12	3.16
REVERE AVE. CONN. NO. 2	137.12	137.13	3.16
THE DALLES-CALIFORNIA	92.15	92.33	3.16

THE DALLES-CALIFORNIA	92.77	92.89	3.16
THE DALLES-CALIFORNIA	92.81	92.90	3.16
S PENDLETON CONN. NO. 2	1.54	1.65	3.16
MCKENZIE	111.79	111.89	3.16
MCKENZIE	111.45	111.68	3.16
PENDLETON-JOHN DAY	1.35	1.59	3.16
PENDLETON-JOHN DAY	1.28	1.52	3.16
MCKENZIE	111.74	111.75	3.16
PENDLETON-JOHN DAY	1.31	1.34	3.16
BIDDLE RD. CONN. NO. 1	0.45	0.52	3.16
MONMOUTH-INDEPENDENCE	0.78	0.79	3.16
MONMOUTH-INDEPENDENCE	0.17	0.47	3.16
ROGUE VALLEY	19.21	19.28	3.16
MISSION RD. CONN. NO. 1	5.36	5.41	3.16
MISSION RD. CONN. NO. 2	5.09	5.14	3.16
MARINE DRIVE CONN. NO. 4	5.72	5.90	3.16
PACIFIC HIGHWAY WEST	25.61	25.65	3.16
PACIFIC HIGHWAY WEST	108.89	108.92	3.16
PENDLETON	4.74	4.83	3.16
OREGON-WASHINGTON HWY CONN	4.83	4.92	3.16
PENDLETON	4.83	4.91	3.16
MARINE DRIVE CONN. NO. 3	5.77	5.84	3.16
GOLF CLUB RD. CONN. NO. 3	11.54	11.75	3.16
	-5.39	-5.30	3.16
HISTORIC COLUMBIA RIVER	51.04	51.08	3.16
GOLF CLUB RD. CONN. NO. 1	11.33	11.47	3.16
DELTA PARK CONN. NO. 1	5.50	5.61	3.16
GOLF CLUB RD. CONN. NO. 4	11.53	11.73	3.16
DELTA PARK CONN. NO. 1	5.61	5.64	3.16
CORVALLIS-LEBANON	17.50	17.66	3.16
CLACKAMAS BORING CONN NO 1	8.16	8.19	3.16
PACIFIC	233.86	234.10	3.15
PACIFIC	302.91	303.05	3.15
PACIFIC	129.49	129.51	3.15
PACIFIC	136.27	136.45	3.15
PACIFIC	48.71	48.82	3.15
PACIFIC	260.11	260.20	3.15
PACIFIC	182.72	182.82	3.15
PACIFIC	283.85	284.00	3.15
PACIFIC	104.10	104.66	3.15
PACIFIC	288.78	288.92	3.15
PACIFIC	301.58	301.59	3.15
PACIFIC	129.49	129.70	3.15
PACIFIC	258.59	258.63	3.15
PACIFIC	304.88	304.95	3.15
PACIFIC	305.42	305.44	3.15
PACIFIC	129.49	129.51	3.15
PACIFIC	301.13	301.20	3.15
PACIFIC	104.77	105.21	3.15
PACIFIC	301.14	301.21	3.15
PACIFIC	301.62	301.71	3.15
PACIFIC	257.28	258.23	3.15
PACIFIC	41.00	41.13	3.15
PACIFIC	173.51	173.61	3.15
PACIFIC	129.36	129.37	3.15
PACIFIC	194.26	194.40	3.15
PACIFIC	271.80	271.85	3.15
PACIFIC	124.16	124.32	3.15
PACIFIC	41.02	41.15	3.15
PACIFIC	303.16	303.18	3.15
PACIFIC	104.10	104.10	3.15
PACIFIC	27.59	29.96	3.15
PACIFIC	188.11	188.32	3.15
PACIFIC	233.30	233.42	3.15
PACIFIC	291.26	291.29	3.15
PACIFIC	302.97	303.08	3.15
PACIFIC	129.35	129.45	3.15
PACIFIC	271.87	271.94	3.15
PACIFIC	182.68	182.83	3.15
PACIFIC	233.14	233.21	3.15
PACIFIC	271.80	271.82	3.15
PACIFIC	303.19	303.21	3.15
PACIFIC	192.09	192.27	3.15
PACIFIC	233.59	234.09	3.15
PACIFIC	193.31	193.51	3.15
PACIFIC	122.80	123.03	3.15
PACIFIC	30.30	30.40	3.15

PACIFIC	129.45	129.70	3.15
PACIFIC	57.93	58.06	3.15
PACIFIC	194.40	194.68	3.15
PACIFIC	283.88	283.90	3.15
PACIFIC	303.14	303.19	3.15
PACIFIC	260.23	260.27	3.15
PACIFIC	254.42	255.00	3.15
PACIFIC	300.57	301.02	3.15
PACIFIC	129.36	129.44	3.15
PACIFIC	300.66	301.05	3.15
PACIFIC	125.10	125.36	3.15
PACIFIC	297.26	297.31	3.15
PACIFIC	27.24	27.24	3.15
PACIFIC	41.41	41.72	3.15
PACIFIC	258.86	258.96	3.15
PACIFIC	129.32	129.36	3.15
PACIFIC	304.95	305.00	3.15
PACIFIC	304.91	304.93	3.15
PACIFIC	172.72	173.10	3.15
PACIFIC	255.35	255.78	3.15
PACIFIC	301.07	301.09	3.15
PACIFIC	104.10	104.10	3.15
PACIFIC	27.44	27.56	3.15
PACIFIC	303.15	303.16	3.15
PACIFIC	255.34	255.79	3.15
PACIFIC	192.29	192.57	3.15
PACIFIC	58.07	58.34	3.15
PACIFIC	129.36	129.37	3.15
PACIFIC	129.45	129.46	3.15
PACIFIC	30.29	30.30	3.15
PACIFIC	193.26	193.46	3.15
PACIFIC	293.53	293.60	3.15
PACIFIC	182.84	182.84	3.15
PACIFIC	48.71	48.80	3.15
PACIFIC	290.49	290.75	3.15
PACIFIC	136.31	136.51	3.15
PACIFIC	193.93	193.94	3.15
PACIFIC	256.07	256.61	3.15
PACIFIC	136.48	136.52	3.15
PACIFIC	58.25	58.66	3.15
PACIFIC	122.81	123.01	3.15
PACIFIC	288.73	288.97	3.15
PACIFIC	303.21	303.23	3.15
PACIFIC	271.80	271.82	3.15
PACIFIC	305.46	305.49	3.15
PACIFIC	123.20	123.27	3.15
PACIFIC	27.56	27.59	3.15
PACIFIC	301.58	301.59	3.15
PACIFIC	123.03	123.23	3.15
PACIFIC	258.56	258.62	3.15
PACIFIC	136.47	136.48	3.15
PACIFIC	48.82	48.95	3.15
PACIFIC	188.47	188.57	3.15
PACIFIC	260.20	260.23	3.15
PACIFIC	289.27	289.31	3.15
PACIFIC	305.45	305.46	3.15
PACIFIC	136.24	136.31	3.15
PACIFIC	260.11	260.22	3.15
PACIFIC	129.36	129.37	3.15
PACIFIC	271.68	271.87	3.15
PACIFIC	301.58	301.59	3.15
Q STREET CONN. NO. 4	193.94	193.95	3.15
PACIFIC	192.52	192.58	3.15
PACIFIC	128.26	129.06	3.15
PACIFIC	125.00	125.07	3.15
PACIFIC	194.23	194.65	3.15
PACIFIC	32.71	32.97	3.15
PACIFIC	297.33	298.75	3.15
Q STREET CONN. NO. 4	193.94	193.95	3.15
PACIFIC	189.62	189.65	3.15
PACIFIC	254.57	255.01	3.15
PACIFIC	32.39	32.47	3.15
PACIFIC	304.93	304.96	3.15
PACIFIC	125.07	125.32	3.15
PACIFIC	192.57	192.61	3.15
PACIFIC	301.36	301.57	3.15
PACIFIC	195.32	195.34	3.15

PACIFIC	271.85	271.99	3.15
PACIFIC	27.24	27.27	3.15
PACIFIC	32.53	32.71	3.15
PACIFIC	301.68	301.70	3.15
PACIFIC	193.78	193.93	3.15
PACIFIC	298.75	298.85	3.15
PACIFIC	123.23	123.27	3.15
PACIFIC	283.67	283.88	3.15
PACIFIC	284.41	285.33	3.15
PACIFIC	173.93	174.19	3.15
PACIFIC	193.94	193.94	3.15
PACIFIC	257.28	258.40	3.15
PACIFIC	182.85	182.90	3.15
PACIFIC	123.88	124.18	3.15
PACIFIC	233.61	233.86	3.15
PACIFIC	27.42	27.57	3.15
PACIFIC	122.77	122.81	3.15
PACIFIC	125.32	126.13	3.15
PACIFIC	193.93	193.94	3.15
PACIFIC	232.91	233.14	3.15
PACIFIC	129.44	129.45	3.15
PACIFIC	32.99	33.85	3.15
PACIFIC	58.06	58.07	3.15
PACIFIC	32.97	33.79	3.15
PACIFIC	260.22	260.25	3.15
PACIFIC	301.21	301.35	3.15
PACIFIC	301.20	301.36	3.15
PACIFIC	104.28	104.67	3.15
PACIFIC	27.57	27.59	3.15
PACIFIC	125.36	126.14	3.15
PACIFIC	233.21	233.30	3.15
PACIFIC	129.46	129.49	3.15
PACIFIC	192.09	192.29	3.15
PACIFIC	57.94	58.07	3.15
PACIFIC	258.70	258.92	3.15
PACIFIC	290.47	290.70	3.15
PACIFIC	258.40	258.47	3.15
PACIFIC	173.91	174.18	3.15
PACIFIC	283.50	283.52	3.15
PACIFIC	123.86	123.91	3.15
PACIFIC	29.96	30.27	3.15
Q STREET CONN. NO. 4	193.94	193.95	3.15
PACIFIC	189.88	190.32	3.15
PACIFIC	303.08	303.13	3.15
PACIFIC	303.10	303.15	3.15
PACIFIC	129.49	129.51	3.15
PACIFIC	189.89	190.33	3.15
PACIFIC	58.34	58.67	3.15
PACIFIC	182.83	182.85	3.15
PACIFIC	27.22	27.25	3.15
PACIFIC	123.91	124.13	3.15
PACIFIC	30.27	30.28	3.15
PACIFIC	124.13	124.15	3.15
PACIFIC	182.82	182.84	3.15
PACIFIC	48.80	48.92	3.15
PACIFIC	303.08	303.10	3.15
PACIFIC	136.51	136.65	3.15
PACIFIC	189.64	189.89	3.15
PACIFIC	172.70	173.08	3.15
PACIFIC	193.69	193.72	3.15
PACIFIC	284.37	285.28	3.15
PACIFIC	123.01	123.20	3.15
PACIFIC	124.18	124.20	3.15
PACIFIC	188.66	188.86	3.15
PACIFIC	291.86	292.08	3.15
PACIFIC	303.05	303.08	3.15
PACIFIC	193.93	193.94	3.15
PACIFIC	301.20	301.20	3.15
PACIFIC	136.52	136.63	3.15
PACIFIC	297.19	297.33	3.15
PACIFIC	30.28	30.38	3.15
PACIFIC	193.72	193.91	3.15
PACIFIC	283.54	283.85	3.15
PACIFIC	303.13	303.14	3.15
PACIFIC	301.35	301.59	3.15
PACIFIC	301.59	301.68	3.15
PACIFIC	173.46	173.61	3.15

PACIFIC	104.11	104.28	3.15
PACIFIC	233.21	233.41	3.15
PACIFIC	124.93	125.10	3.15
PACIFIC	297.31	298.87	3.15
PACIFIC	32.76	32.99	3.15
PACIFIC	188.09	188.24	3.15
PACIFIC	29.92	30.29	3.15
PACIFIC	136.47	136.48	3.15
PACIFIC	32.47	32.76	3.15
PACIFIC	188.57	188.66	3.15
PACIFIC	258.63	258.86	3.15
PACIFIC	136.24	136.27	3.15
PACIFIC	301.09	301.13	3.15
PACIFIC	194.69	194.76	3.15
PACIFIC	27.20	27.22	3.15
PACIFIC	271.80	271.82	3.15
PACIFIC	104.78	105.22	3.15
PACIFIC	292.91	293.06	3.15
PACIFIC	293.56	293.63	3.15
PACIFIC	189.65	189.88	3.15
PACIFIC	256.06	256.61	3.15
PACIFIC	290.28	290.49	3.15
PACIFIC	301.70	301.77	3.15
PACIFIC	188.39	188.81	3.15
PACIFIC	58.07	58.07	3.15
PACIFIC	192.27	192.52	3.15
PACIFIC	258.23	258.53	3.15
PACIFIC	290.25	290.47	3.15
PACIFIC	128.29	129.11	3.15
PACIFIC	258.62	258.70	3.15
PACIFIC	27.59	29.92	3.15
PACIFIC	301.57	301.62	3.15
PACIFIC	195.30	195.32	3.15
PACIFIC	292.89	293.05	3.15
PACIFIC	232.94	233.21	3.15
PACIFIC	41.39	41.67	3.15
PACIFIC	124.20	124.39	3.15
PACIFIC	193.93	193.94	3.15
PACIFIC	32.38	32.53	3.15
PACIFIC	58.07	58.25	3.15
Q STREET CONN. NO. 4	193.94	193.95	3.15
COLUMBIA RIVER	9.86	10.28	3.15
PACIFIC HWY. CONN. NO. 3	0.78	0.78	3.15
E FREMONT INTCHG. CONN.	303.12	303.14	3.15
COLUMBIA RIVER	6.58	6.91	3.15
COLUMBIA RIVER HWY CONN. 1	301.20	301.21	3.15
COLUMBIA RIVER HWY CONN. 4	301.17	301.17	3.15
COLUMBIA RIVER HWY CONN. 3	301.13	301.17	3.15
COLUMBIA RIVER HWY CONN. 1	301.19	301.20	3.15
E FREMONT INTCHG. CONN.	303.15	303.16	3.15
COLUMBIA RIVER	10.02	10.26	3.15
E FREMONT INTCHG. CONN.	303.15	303.16	3.15
COLUMBIA RIVER	17.35	17.36	3.15
COLUMBIA RIVER HWY CONN. 7	301.94	301.94	3.15
COLUMBIA RIVER	0.26	0.26	3.15
COLUMBIA RIVER	6.39	6.58	3.15
COLUMBIA RIVER	16.21	16.26	3.15
DEL RIO RD. CONN. NO. 5	129.35	129.36	3.15
PACIFIC HWY. CONN. NO. 3	0.78	0.78	3.15
COLUMBIA RIVER HWY CONN. 1	301.21	301.44	3.15
COLUMBIA RIVER HWY CONN. 7	301.94	302.13	3.15
COLUMBIA RIVER	5.93	6.30	3.15
COLUMBIA RIVER	14.66	15.65	3.15
NE 238TH AVE. CONN. NO. 2	16.20	16.22	3.15
COLUMBIA RIVER	5.25	5.43	3.15
DEL RIO RD. CONN. NO. 5	129.35	129.36	3.15
COLUMBIA RIVER	63.76	63.95	3.15
COLUMBIA RIVER	16.20	16.22	3.15
COLUMBIA RIVER HWY CONN. 7	302.13	302.13	3.15
COLUMBIA RIVER	5.72	5.78	3.15
N BANFIELD CONN. NO. 1	6.60	6.60	3.15
COLUMBIA RIVER	17.22	17.35	3.15
DEL RIO RD. CONN. NO. 1	129.49	129.51	3.15
COLUMBIA RIVER	3.46	3.51	3.15
COLUMBIA RIVER	9.87	10.02	3.15
PACIFIC HWY. CONN. NO. 3	0.78	0.78	3.15
COLUMBIA RIVER	5.70	5.72	3.15

COLUMBIA RIVER	84.74	85.20	3.15
COLUMBIA RIVER	6.91	6.93	3.15
COLUMBIA RIVER HWY CONN. 1	301.19	301.20	3.15
COLUMBIA RIVER HWY CONN. 7	302.13	302.16	3.15
E FREMONT INTCHG. CONN.	303.14	303.16	3.15
E FREMONT INTCHG. CONN.	303.17	303.38	3.15
COLUMBIA RIVER	6.58	6.58	3.15
COLUMBIA RIVER HWY CONN. 1	301.44	301.61	3.15
COLUMBIA RIVER HWY CONN. 7	301.70	301.71	3.15
DEL RIO RD. CONN. NO. 5	129.35	129.36	3.15
E FREMONT INTCHG. CONN.	302.98	303.06	3.15
COLUMBIA RIVER	13.05	13.21	3.15
NE 238TH AVE. CONN. NO. 2	16.20	16.22	3.15
COLUMBIA RIVER HWY CONN. 7	301.94	301.94	3.15
COLUMBIA RIVER	3.49	3.51	3.15
COLUMBIA RIVER	15.65	15.97	3.15
COLUMBIA RIVER	62.73	63.03	3.15
COLUMBIA RIVER	15.97	16.22	3.15
COLUMBIA RIVER HWY CONN. 2	302.13	302.15	3.15
COLUMBIA RIVER	0.26	0.27	3.15
PACIFIC HWY. CONN. NO. 3	0.78	0.78	3.15
COLUMBIA RIVER	6.93	7.02	3.15
E FREMONT INTCHG. CONN.	303.07	303.08	3.15
DEL RIO RD. CONN. NO. 1	129.49	129.51	3.15
COLUMBIA RIVER HWY CONN. 1	301.19	301.20	3.15
PACIFIC HWY. CONN. NO. 2	0.60	0.60	3.15
COLUMBIA RIVER	3.03	3.17	3.15
COLUMBIA RIVER	16.20	16.22	3.15
E FREMONT INTCHG. CONN.	303.15	303.16	3.15
COLUMBIA RIVER	63.74	63.92	3.15
COLUMBIA RIVER	5.52	5.65	3.15
NE 238TH AVE. CONN. NO. 2	16.20	16.22	3.15
COLUMBIA RIVER HWY CONN. 7	301.94	301.94	3.15
COLUMBIA RIVER	5.43	5.70	3.15
E FREMONT INTCHG. CONN.	303.16	303.17	3.15
COLUMBIA RIVER	14.76	15.71	3.15
DEL RIO RD. CONN. NO. 1	129.49	129.51	3.15
COLUMBIA RIVER HWY CONN. 4	301.17	301.17	3.15
COLUMBIA RIVER	4.11	4.12	3.15
COLUMBIA RIVER	63.92	64.09	3.15
COLUMBIA RIVER	5.88	6.39	3.15
E FREMONT INTCHG. CONN.	303.08	303.12	3.15
COLUMBIA RIVER	15.71	15.97	3.15
COLUMBIA RIVER HWY CONN. 1	301.12	301.16	3.15
COLUMBIA RIVER HWY CONN. 2	302.31	302.48	3.15
N BANFIELD CONN. NO. 1	6.60	6.60	3.15
E FREMONT INTCHG. CONN.	303.15	303.16	3.15
COLUMBIA RIVER	3.03	3.17	3.15
COLUMBIA RIVER	16.22	16.27	3.15
E FREMONT INTCHG. CONN.	303.15	303.16	3.15
COLUMBIA RIVER	13.04	13.20	3.15
COLUMBIA RIVER	10.54	11.66	3.15
COLUMBIA RIVER	3.75	3.84	3.15
PACIFIC HWY. CONN. NO. 2	0.60	0.60	3.15
COLUMBIA RIVER	10.45	11.65	3.15
COLUMBIA RIVER	16.20	16.22	3.15
COLUMBIA RIVER HWY CONN. 3	301.26	301.36	3.15
COLUMBIA RIVER	17.35	17.46	3.15
COLUMBIA RIVER HWY CONN. 4	301.17	301.17	3.15
COLUMBIA RIVER	62.75	63.02	3.15
E FREMONT INTCHG. CONN.	303.15	303.16	3.15
NE 238TH AVE. CONN. NO. 2	16.20	16.22	3.15
COLUMBIA RIVER	4.12	4.22	3.15
DEL RIO RD. CONN. NO. 5	129.35	129.36	3.15
COLUMBIA RIVER	64.11	64.12	3.15
COLUMBIA RIVER	15.97	16.21	3.15
COLUMBIA RIVER	84.74	85.21	3.15
COLUMBIA RIVER	14.66	14.76	3.15
COLUMBIA RIVER	14.55	14.66	3.15
COLUMBIA RIVER	17.36	17.39	3.15
N BANFIELD CONN. NO. 1	6.60	6.60	3.15
COLUMBIA RIVER	5.65	5.75	3.15
COLUMBIA RIVER	6.30	6.56	3.15
DEL RIO RD. CONN. NO. 1	129.49	129.51	3.15
COLUMBIA RIVER	0.09	0.26	3.15
PACIFIC HWY. CONN. NO. 2	0.60	0.60	3.15
COLUMBIA RIVER	6.56	6.60	3.15

COLUMBIA RIVER	6.58	6.58	3.15
COLUMBIA RIVER HWY CONN. 7	302.27	302.28	3.15
COLUMBIA RIVER	6.58	6.58	3.15
COLUMBIA RIVER	0.27	0.30	3.15
COLUMBIA RIVER	5.21	5.52	3.15
COLUMBIA RIVER	6.60	7.02	3.15
COLUMBIA RIVER	63.95	64.11	3.15
COLUMBIA RIVER HWY CONN. 4	301.17	301.17	3.15
COLUMBIA RIVER HWY CONN. 7	301.71	301.94	3.15
COLUMBIA RIVER	13.00	13.04	3.15
E FREMONT INTCHG. CONN.	303.06	303.07	3.15
COLUMBIA RIVER HWY CONN. 1	301.16	301.20	3.15
COLUMBIA RIVER HWY CONN. 2	302.23	302.31	3.15
COLUMBIA RIVER HWY CONN. 3	301.17	301.26	3.15
E FREMONT INTCHG. CONN.	303.15	303.16	3.15
COLUMBIA RIVER	3.74	4.17	3.15
COLUMBIA RIVER HWY CONN. 7	302.16	302.27	3.15
COLUMBIA RIVER	4.44	4.73	3.15
N BANFIELD CONN. NO. 1	6.60	6.60	3.15
COLUMBIA RIVER HWY CONN. 2	302.15	302.23	3.15
COLUMBIA RIVER	4.47	4.75	3.15
COLUMBIA RIVER	0.30	0.32	3.15
PACIFIC HWY. CONN. NO. 2	0.60	0.60	3.15
OLD OREGON TRAIL	304.11	304.43	3.15
OLD OREGON TRAIL	304.04	304.11	3.15
OLD OREGON TRAIL	210.62	210.75	3.15
OLD OREGON TRAIL	375.43	375.84	3.15
OLD OREGON TRAIL	304.43	304.46	3.15
OLD OREGON TRAIL	210.61	210.67	3.15
OLD OREGON TRAIL	375.44	375.83	3.15
OLD OREGON TRAIL	210.67	210.80	3.15
OLD OREGON TRAIL	210.75	210.82	3.15
OLD OREGON TRAIL	303.98	304.14	3.15
OLD OREGON TRAIL	209.18	209.34	3.15
OLD OREGON TRAIL	304.14	304.48	3.15
WILLAMINA-SALEM	24.24	24.24	3.15
WILLAMINA-SALEM	24.08	24.13	3.15
WILLAMINA-SALEM	24.36	24.54	3.15
CORVALLIS-NEWPORT HWY CONN	58.50	58.55	3.15
WILLAMINA-SALEM	24.25	24.34	3.15
JEFFERSON ST. CONN. NO. 1	73.43	73.43	3.15
SUNSET	70.65	70.68	3.15
STADIUM FREEWAY	3.83	3.83	3.15
SUNSET	70.48	70.56	3.15
JEFFERSON ST. CONN. NO. 1	73.43	73.43	3.15
SUNSET	70.68	70.82	3.15
STADIUM FREEWAY	3.88	3.88	3.15
HELVETIA RD. CONN. NO. 2	61.27	61.29	3.15
SUNSET	73.40	73.40	3.15
JEFFERSON ST. CONN. NO. 1	73.43	73.55	3.15
STADIUM FREEWAY	3.83	3.83	3.15
HELVETIA RD. CONN. NO. 2	61.29	61.37	3.15
JEFFERSON ST. CONN. NO. 1	73.39	73.40	3.15
SUNSET	66.16	66.33	3.15
SUNSET	72.15	72.20	3.15
STADIUM FREEWAY	3.83	3.83	3.15
STADIUM FREEWAY	4.07	4.16	3.15
SUNSET	71.19	71.20	3.15
JEFFERSON ST. CONN. NO. 2	73.10	73.33	3.15
JEFFERSON ST. CONN. NO. 1	73.43	73.43	3.15
SUNSET	71.09	71.19	3.15
ALBANY-JUNCTION CITY	2.03	2.04	3.15
STADIUM FREEWAY	3.57	3.60	3.15
SUNSET	63.17	63.20	3.15
SUNSET	73.40	73.40	3.15
SUNSET	70.65	70.83	3.15
STADIUM FREEWAY	3.75	3.77	3.15
SUNSET	73.40	73.40	3.15
STADIUM FREEWAY	3.67	3.68	3.15
STADIUM FREEWAY	3.80	3.83	3.15
SUNSET	61.58	61.59	3.15
JEFFERSON ST. CONN. NO. 1	73.39	73.40	3.15
SUNSET	73.40	73.40	3.15
STADIUM FREEWAY	3.83	3.90	3.15
SUNSET	72.33	72.60	3.15
JEFFERSON ST. CONN. NO. 1	73.39	73.40	3.15
SUNSET	67.18	67.19	3.15

JEFFERSON ST. CONN. NO. 1	73.43	73.43	3.15
SUNSET	73.40	73.65	3.15
SUNSET	71.08	71.19	3.15
SUNSET	73.40	73.40	3.15
SUNSET	73.40	73.40	3.15
SALMON RIVER	58.17	58.65	3.15
JEFFERSON ST. CONN. NO. 1	73.40	73.43	3.15
SUNSET	61.56	61.60	3.15
SUNSET	64.25	64.48	3.15
SUNSET	72.63	72.88	3.15
SUNSET	63.96	64.25	3.15
SUNSET	69.64	70.03	3.15
STADIUM FREEWAY	3.93	3.98	3.15
SUNSET	73.40	73.62	3.15
SUNSET	73.33	73.40	3.15
SUNSET	73.40	73.40	3.15
STADIUM FREEWAY	3.77	3.79	3.15
STADIUM FREEWAY	3.90	3.92	3.15
STADIUM FREEWAY	3.92	3.92	3.15
SUNSET	70.82	70.88	3.15
SUNSET	73.40	73.40	3.15
STADIUM FREEWAY	3.79	3.88	3.15
STADIUM FREEWAY	3.57	3.68	3.15
SUNSET	73.17	73.40	3.15
SUNSET	73.40	73.40	3.15
STADIUM FREEWAY	3.83	3.83	3.15
SUNSET	73.40	73.40	3.15
STADIUM FREEWAY	3.83	3.83	3.15
HELVETIA RD. CONN. NO. 2	61.17	61.27	3.15
JEFFERSON ST. CONN. NO. 1	73.14	73.40	3.15
ALBANY-JUNCTION CITY	2.02	2.03	3.15
SUNSET	64.48	64.67	3.15
JEFFERSON ST. CONN. NO. 1	73.39	73.40	3.15
SUNSET	64.27	64.38	3.15
SUNSET	65.96	66.16	3.15
JEFFERSON ST. CONN. NO. 1	73.39	73.40	3.15
STADIUM FREEWAY	3.83	3.83	3.15
SUNSET	73.40	73.40	3.15
SUNSET	70.47	70.65	3.15
JEFFERSON ST. CONN. NO. 1	73.43	73.43	3.15
JEFFERSON ST. CONN. NO. 1	73.43	73.43	3.15
SUNSET	73.40	73.40	3.15
SUNSET	70.56	70.65	3.15
SUNSET	63.44	63.96	3.15
STADIUM FREEWAY	3.83	3.83	3.15
SUNSET	70.83	70.88	3.15
SUNSET	63.99	64.27	3.15
SUNSET	73.40	73.40	3.15
SUNSET	73.40	73.40	3.15
STADIUM FREEWAY	3.60	3.67	3.15
STADIUM FREEWAY	3.83	3.83	3.15
HELVETIA RD. CONN. NO. 2	61.17	61.17	3.15
JEFFERSON ST. CONN. NO. 1	73.39	73.40	3.15
SUNSET	65.95	66.15	3.15
SUNSET	64.38	64.66	3.15
SUNSET	72.12	72.15	3.15
STADIUM FREEWAY	3.92	3.93	3.15
STADIUM FREEWAY	3.78	3.80	3.15
JEFFERSON ST. CONN. NO. 1	73.43	73.43	3.15
SUNSET	63.44	63.99	3.15
JEFFERSON ST. CONN. NO. 1	73.39	73.40	3.15
SUNSET	73.40	73.40	3.15
EAST PORTLAND FREEWAY	22.57	22.58	3.15
EAST PORTLAND FREEWAY	6.71	6.87	3.15
EAST PORTLAND FREEWAY	24.66	24.67	3.15
EAST PORTLAND FREEWAY	17.52	17.73	3.15
EAST PORTLAND FREEWAY	19.65	19.75	3.15
EAST PORTLAND FREEWAY	6.33	6.38	3.15
EAST PORTLAND FREEWAY	12.20	12.26	3.15
EAST PORTLAND FREEWAY	6.43	6.66	3.15
EAST PORTLAND FREEWAY	8.72	8.82	3.15
EAST PORTLAND FREEWAY	24.26	24.48	3.15
EAST PORTLAND FREEWAY	19.58	19.65	3.15
EAST PORTLAND FREEWAY	13.58	13.60	3.15
EAST PORTLAND FREEWAY	18.63	18.84	3.15
EAST PORTLAND FREEWAY	20.99	21.15	3.15
EAST PORTLAND FREEWAY	14.03	14.11	3.15
EAST PORTLAND FREEWAY	6.48	6.68	3.15
EAST PORTLAND FREEWAY	21.15	21.49	3.15

EAST PORTLAND FREEWAY	24.67	24.68	3.15
EAST PORTLAND FREEWAY	19.61	19.86	3.15
EAST PORTLAND FREEWAY	22.59	22.65	3.15
EAST PORTLAND FREEWAY	8.88	9.03	3.15
EAST PORTLAND FREEWAY	21.51	21.53	3.15
EAST PORTLAND FREEWAY	10.81	11.05	3.15
EAST PORTLAND FREEWAY	22.63	22.86	3.15
EAST PORTLAND FREEWAY	20.64	20.99	3.15
EAST PORTLAND FREEWAY	13.19	13.44	3.15
EAST PORTLAND FREEWAY	22.65	22.89	3.15
EAST PORTLAND FREEWAY	8.83	9.01	3.15
EAST PORTLAND FREEWAY	13.11	13.38	3.15
EAST PORTLAND FREEWAY	23.75	23.81	3.15
EAST PORTLAND FREEWAY	23.99	24.26	3.15
EAST PORTLAND FREEWAY	23.81	23.82	3.15
EAST PORTLAND FREEWAY	18.15	18.55	3.15
EAST PORTLAND FREEWAY	8.82	8.88	3.15
EAST PORTLAND FREEWAY	13.49	13.62	3.15
EAST PORTLAND FREEWAY	17.55	17.75	3.15
EAST PORTLAND FREEWAY	11.73	12.03	3.15
EAST PORTLAND FREEWAY	17.93	17.95	3.15
EAST PORTLAND FREEWAY	5.86	5.91	3.15
EAST PORTLAND FREEWAY	11.05	11.09	3.15
EAST PORTLAND FREEWAY	18.37	18.89	3.15
EAST PORTLAND FREEWAY	8.83	8.83	3.15
	4.58	4.59	3.15
EAST PORTLAND FREEWAY	13.38	13.46	3.15
EAST PORTLAND FREEWAY	14.09	14.16	3.15
EAST PORTLAND FREEWAY	23.98	24.00	3.15
EAST PORTLAND FREEWAY	13.59	13.60	3.15
EAST PORTLAND FREEWAY	16.80	17.34	3.15
EAST PORTLAND FREEWAY	11.74	12.05	3.15
EAST PORTLAND FREEWAY	12.47	12.69	3.15
EAST PORTLAND FREEWAY	24.68	24.73	3.15
EAST PORTLAND FREEWAY	24.48	24.66	3.15
EAST PORTLAND FREEWAY	13.18	13.19	3.15
EAST PORTLAND FREEWAY	19.14	19.58	3.15
EAST PORTLAND FREEWAY	20.73	21.13	3.15
EAST PORTLAND FREEWAY	11.07	11.09	3.15
EAST PORTLAND FREEWAY	18.84	19.11	3.15
EAST PORTLAND FREEWAY	18.89	19.14	3.15
EAST PORTLAND FREEWAY	6.38	6.46	3.15
EAST PORTLAND FREEWAY	23.76	23.81	3.15
EAST PORTLAND FREEWAY	12.69	12.94	3.15
EAST PORTLAND FREEWAY	22.22	22.57	3.15
EAST PORTLAND FREEWAY	8.50	8.54	3.15
	4.58	4.59	3.15
EAST PORTLAND FREEWAY	21.49	21.51	3.15
EAST PORTLAND FREEWAY	13.59	13.60	3.15
AIRPORT WAY CONN. NO. 7	24.62	24.64	3.15
EAST PORTLAND FREEWAY	23.21	23.35	3.15
EAST PORTLAND FREEWAY	-0.10	0.15	3.15
EAST PORTLAND FREEWAY	9.01	9.06	3.15
EAST PORTLAND FREEWAY	21.13	21.20	3.15
EAST PORTLAND FREEWAY	0.00	0.29	3.15
EAST PORTLAND FREEWAY	13.46	13.58	3.15
EAST PORTLAND FREEWAY	22.97	23.21	3.15
EAST PORTLAND FREEWAY	1.27	1.37	3.15
EAST PORTLAND FREEWAY	24.66	24.67	3.15
EAST PORTLAND FREEWAY	16.79	17.06	3.15
EAST PORTLAND FREEWAY	8.36	8.42	3.15
EAST PORTLAND FREEWAY	12.32	12.47	3.15
EAST PORTLAND FREEWAY	22.58	22.63	3.15
EAST PORTLAND FREEWAY	8.32	8.38	3.15
EAST PORTLAND FREEWAY	24.64	24.66	3.15
EAST PORTLAND FREEWAY	5.87	6.09	3.15
EAST PORTLAND FREEWAY	17.96	18.00	3.15
EAST PORTLAND FREEWAY	6.39	6.43	3.15
EAST PORTLAND FREEWAY	21.94	22.22	3.15
EAST PORTLAND FREEWAY	6.09	6.13	3.15
EAST PORTLAND FREEWAY	9.03	9.06	3.15
EAST PORTLAND FREEWAY	20.31	20.57	3.15
EAST PORTLAND FREEWAY	8.82	8.82	3.15
EAST PORTLAND FREEWAY	6.71	6.71	3.15
EAST PORTLAND FREEWAY	13.62	13.64	3.15
	4.58	4.59	3.15
EAST PORTLAND FREEWAY	21.63	21.91	3.15

MCNARY	1.21	1.23	3.15
EAST PORTLAND FREEWAY	20.33	20.57	3.15
EAST PORTLAND FREEWAY	12.22	12.28	3.15
EAST PORTLAND FREEWAY	22.13	22.59	3.15
EAST PORTLAND FREEWAY	8.52	8.53	3.15
EAST PORTLAND FREEWAY	22.86	22.91	3.15
EAST PORTLAND FREEWAY	0.77	0.85	3.15
EAST PORTLAND FREEWAY	17.94	18.10	3.15
EAST PORTLAND FREEWAY	13.70	13.71	3.15
EAST PORTLAND FREEWAY	19.11	19.24	3.15
EAST PORTLAND FREEWAY	13.44	13.49	3.15
EAST PORTLAND FREEWAY	17.13	17.36	3.15
EAST PORTLAND FREEWAY	24.67	24.74	3.15
EAST PORTLAND FREEWAY	10.83	11.07	3.15
EAST PORTLAND FREEWAY	13.59	13.60	3.15
EAST PORTLAND FREEWAY	24.31	24.43	3.15
EAST PORTLAND FREEWAY	18.10	18.36	3.15
EAST PORTLAND FREEWAY	8.72	8.83	3.15
EAST PORTLAND FREEWAY	19.24	19.61	3.15
EAST PORTLAND FREEWAY	12.33	12.63	3.15
	4.58	4.59	3.15
BEAVERTON-TIGARD	6.25	6.37	3.15
CLACKAMAS	3.98	4.04	3.15
BEAVERTON-TIGARD	7.29	7.52	3.15
SILVER CR. FALLS CONN NO 3	8.94	8.96	3.15
BEAVERTON-TIGARD	2.18	2.26	3.15
BEAVERTON-TIGARD	5.95	6.14	3.15
BEAVERTON-TIGARD	4.29	4.32	3.15
BEAVERTON-TIGARD	4.01	4.17	3.15
BEAVERTON-TIGARD	0.07	0.08	3.15
	36.97	36.98	3.15
CLACKAMAS	4.43	4.46	3.15
BEAVERTON-TIGARD	5.95	6.19	3.15
CLACKAMAS	4.28	4.43	3.15
FORT STEVENS	3.18	3.22	3.15
BEAVERTON-TIGARD	4.28	4.29	3.15
	36.97	36.98	3.15
BEAVERTON-TIGARD	2.26	2.31	3.15
BEAVERTON-TIGARD	3.56	3.72	3.15
BEAVERTON-TIGARD	6.45	6.50	3.15
BEAVERTON-TIGARD	6.43	6.54	3.15
	36.97	36.98	3.15
BEAVERTON-TIGARD	2.26	2.34	3.15
BEAVERTON-TIGARD	2.12	2.26	3.15
BEAVERTON-TIGARD	6.19	6.19	3.15
BEAVERTON-TIGARD	6.20	6.37	3.15
FORT STEVENS	3.23	3.25	3.15
BEAVERTON-TIGARD	6.50	6.55	3.15
CLACKAMAS	4.25	4.28	3.15
BEAVERTON-TIGARD	3.50	3.56	3.15
SILVER CREEK FALLS	40.07	40.19	3.15
BEAVERTON-TIGARD	2.11	2.18	3.15
BEAVERTON-TIGARD	0.10	0.12	3.15
BEAVERTON-TIGARD	4.12	4.17	3.15
	36.97	36.98	3.15
CLACKAMAS	4.46	4.73	3.15
BEAVERTON-TIGARD	0.08	0.14	3.15
BEAVERTON-TIGARD	3.99	4.12	3.15
BEAVERTON-TIGARD	3.51	3.73	3.15
BEAVERTON-TIGARD	4.25	4.29	3.15
EUGENE-SPRINGFIELD	2.43	2.68	3.15
EUGENE-SPRINGFIELD	3.25	3.37	3.15
EUGENE-SPRINGFIELD	1.08	1.44	3.15
CULVER	0.13	0.33	3.15
EUGENE-SPRINGFIELD	0.81	0.90	3.15
EUGENE-SPRINGFIELD	9.85	9.98	3.15
EUGENE-SPRINGFIELD	0.90	0.91	3.15
EUGENE-SPRINGFIELD	0.91	1.08	3.15
EUGENE-SPRINGFIELD	4.63	4.66	3.15
EUGENE-SPRINGFIELD	4.31	4.63	3.15
EUGENE-SPRINGFIELD	3.37	3.43	3.15
EUGENE-SPRINGFIELD	4.66	4.90	3.15
GOSHEN-DIVIDE	0.00	0.05	3.15
EUGENE-SPRINGFIELD	6.28	6.78	3.15
EUGENE-SPRINGFIELD	5.90	6.10	3.15
EUGENE-SPRINGFIELD	0.00	0.07	3.15
EUGENE-SPRINGFIELD	1.44	1.95	3.15

EUGENE-SPRINGFIELD	1.99	2.43	3.15
EUGENE-SPRINGFIELD	9.75	9.85	3.15
EUGENE-SPRINGFIELD	6.10	6.28	3.15
EUGENE-SPRINGFIELD	0.50	0.81	3.15
EUGENE-SPRINGFIELD	4.90	5.90	3.15
TERRITORIAL	20.68	20.79	3.15
EUGENE-SPRINGFIELD	0.07	0.18	3.15
EUGENE-SPRINGFIELD	1.95	1.99	3.15
PACIFIC	308.00	308.16	3.14
PACIFIC	307.77	307.99	3.14
PACIFIC	190.78	191.33	3.14
PACIFIC	190.73	190.78	3.14
PACIFIC	307.77	307.97	3.14
PACIFIC	307.46	307.47	3.14
PACIFIC	195.83	195.86	3.14
PACIFIC	307.46	307.47	3.14
PACIFIC	190.78	191.35	3.14
PACIFIC	190.66	190.73	3.14
PACIFIC	307.46	307.47	3.14
PACIFIC	195.70	195.84	3.14
PACIFIC	307.99	307.99	3.14
PACIFIC	307.97	307.99	3.14
PACIFIC	190.66	190.71	3.14
PACIFIC	307.99	308.00	3.14
PACIFIC	307.99	307.99	3.14
PACIFIC	195.53	195.70	3.14
PACIFIC	307.99	308.16	3.14
PACIFIC	293.13	293.19	3.14
PACIFIC	306.67	306.68	3.14
KUEBLER CONN. NO. 2	251.27	251.30	3.14
OLD STAGE RD. FRONTAGE RD.	40.86	41.14	3.14
PACIFIC	293.13	293.15	3.14
PACIFIC	295.74	295.74	3.14
PACIFIC	307.45	307.46	3.14
PACIFIC	195.56	195.83	3.14
PACIFIC	307.42	307.45	3.14
LAMPMAN FRONTAGE RD.	40.83	41.00	3.14
PACIFIC	190.71	190.78	3.14
PACIFIC	307.46	307.47	3.14
SWIFT UNION CONN. NO. 3	307.47	307.48	3.14
SWIFT UNION CONN. NO. 3	307.47	307.48	3.14
COLUMBIA RIVER	16.74	16.88	3.14
SWIFT UNION CONN. NO. 3	307.47	307.48	3.14
UPPER BOONES FERRY RD CN 2	291.19	291.22	3.14
COLUMBIA RIVER	16.88	17.18	3.14
COLUMBIA RIVER	16.77	16.78	3.14
UPPER BOONES FERRY RD CN 2	291.22	291.28	3.14
BREWERY GRADE CONN. NO. 2	85.70	85.71	3.14
SWIFT UNION CONN. NO. 3	307.47	307.48	3.14
N REDMOND INTCHGE. CONN. 4	119.45	119.69	3.14
THE DALLES-CALIFORNIA	92.02	92.08	3.14
N REDMOND INTCHGE. CONN. 5	119.13	119.15	3.14
UMATILLA-STANFIELD INTCHG.	184.91	184.91	3.14
N REDMOND INTCHGE. CONN. 3	119.14	119.37	3.14
N REDMOND INTCHGE. CONN. 1	119.14	119.35	3.14
THE DALLES-CALIFORNIA	91.73	92.00	3.14
N REDMOND INTCHGE. CONN. 5	118.95	119.13	3.14
UMATILLA-STANFIELD INTCHG.	184.91	184.91	3.14
PENDLETON-JOHN DAY	1.57	1.59	3.14
SYLVAN INTCHGE. CONN. NO.1	0.24	0.36	3.14
PENDLETON-JOHN DAY	1.59	1.69	3.14
BAKER-COPPERFIELD	0.42	0.45	3.14
BAKER-COPPERFIELD	0.27	0.37	3.14
WALLOWA LAKE	2.49	2.59	3.14
OREGON COAST	4.14	4.30	3.14
PENDLETON-JOHN DAY	1.60	1.61	3.14
SUNSET	68.11	68.18	3.14
SYLVAN CONN. NO. 6	71.70	71.73	3.14
SUNSET	67.72	68.11	3.14
OCHOCO	0.22	0.26	3.14
SYLVAN CONN. NO. 6	71.56	71.70	3.14
MONMOUTH-INDEPENDENCE	1.02	1.14	3.14
EAST PORTLAND FREEWAY	15.89	16.20	3.14
EAST PORTLAND FREEWAY	9.66	9.72	3.14
EAST PORTLAND FREEWAY	6.93	7.05	3.14
EAST PORTLAND FREEWAY	15.94	16.23	3.14
WEST FRONTAGE RD.	-5.86	-5.82	3.14

EAST PORTLAND FREEWAY	9.68	9.74	3.14
EAST PORTLAND FREEWAY	16.23	16.26	3.14
PENDLETON	5.56	5.80	3.14
WEST FRONTAGE RD.	-5.88	-5.86	3.14
WHITNEY	50.49	50.63	3.14
EAST PORTLAND FREEWAY	7.01	7.10	3.14
PACIFIC HIGHWAY WEST	25.33	25.35	3.14
DAYTON CONN. NO. 2	0.18	0.18	3.14
HISTORIC COLUMBIA RIVER	50.07	50.12	3.14
SALEM-DAYTON	0.67	0.77	3.14
CLACKAMAS	10.52	10.54	3.14
LEWIS & CLARK BR CONN NO 4	48.84	48.87	3.14
FORT STEVENS	3.07	3.18	3.14
FORT STEVENS	4.49	4.50	3.14
SALEM-DAYTON	0.28	0.28	3.14
SALEM-DAYTON	0.28	0.28	3.14
NORTH SANTIAM	11.29	11.33	3.14
CASCADE HWY SOUTH	29.08	29.27	3.14
DAYTON CONN. NO. 2	0.18	0.18	3.14
HISTORIC COLUMBIA RIVER	50.12	50.30	3.14
NEHALEM	0.03	0.07	3.14
NEHALEM	90.33	90.39	3.14
STAYTON-SUBLIMITY CONN. 4	12.95	13.13	3.14
NEHALEM	0.00	0.03	3.14
SALEM-DAYTON	0.28	0.30	3.14
LEWIS & CLARK BR CONN NO 5	48.89	48.95	3.14
FORT STEVENS	3.99	4.02	3.14
FORT STEVENS	4.18	4.28	3.14
HISTORIC COLUMBIA RIVER	50.36	50.53	3.14
CASCADE HWY SOUTH	13.53	13.78	3.14
DAYTON CONN. NO. 2	0.18	0.18	3.14
CLACKAMAS	12.52	13.63	3.14
CLACKAMAS	13.91	14.04	3.14
SALEM-DAYTON	0.28	0.28	3.14
DAYTON CONN. NO. 2	0.18	0.18	3.14
BREWERY GRADE CONN. NO. 2	18.97	19.18	3.14
ELKTON-SUTHERLIN	24.02	24.15	3.14
SAMS VALLEY	2.44	2.56	3.14
HALSEY-SWEET HOME	20.55	20.58	3.14
LAKE RD. CONN. NO. 3	4.26	4.26	3.14
MONMOUTH	6.42	6.75	3.14
CAPE ARAGO	8.73	8.90	3.14
LAKE RD. CONN. NO. 3	4.26	4.26	3.14
ELKTON-SUTHERLIN	24.15	24.17	3.14
HERMISTON	8.34	8.35	3.14
KINGS VALLEY	4.28	4.32	3.14
J. JARL FRONTAGE RD. CONNS	22.17	22.19	3.13
J. JARL FRONTAGE RD. CONNS	22.12	22.15	3.13
FORT STEVENS	2.75	2.76	3.13
LAFAYETTE	0.00	0.03	3.13
SILVER CREEK FALLS	9.09	9.10	3.13
FORT STEVENS	2.58	2.65	3.13
FORT STEVENS	2.66	2.67	3.13
NEHALEM	2.89	2.90	3.13
FORT STEVENS	1.50	1.51	3.13
FORT STEVENS	2.23	2.37	3.13
CARPENTERVILLE	361.75	361.76	3.13
ROGUE RIVER LOOP	2.56	2.68	3.13
ROGUE RIVER LOOP	4.48	4.53	3.13
OLD STAGE RD. FRONTAGE RD.	41.23	41.48	3.12
LAMPMAN FRONTAGE RD.	41.13	41.39	3.12
PACIFIC	305.77	305.93	3.12
OLD STAGE RD. FRONTAGE RD.	41.72	42.71	3.12
LAMPMAN FRONTAGE RD.	41.72	42.71	3.12
PACIFIC	292.24	292.52	3.12
PACIFIC	292.23	292.50	3.12
PACIFIC	305.68	305.93	3.12
PACIFIC	305.65	305.69	3.12
COLUMBIA RIVER	12.78	12.80	3.12
COLUMBIA RIVER	16.27	16.52	3.12
COLUMBIA RIVER	2.99	3.01	3.12
COLUMBIA RIVER	16.29	16.53	3.12
COLUMBIA RIVER	17.64	17.67	3.12
COLUMBIA RIVER	17.60	17.62	3.12
COLUMBIA RIVER	12.79	12.82	3.12
CRATER LAKE HWY CONN. NO 1	30.22	30.30	3.12
COLUMBIA RIVER	2.98	3.01	3.12

DEL RIO RD. CONN. NO. 6	129.60	129.68	3.12
COLUMBIA RIVER	3.01	3.02	3.12
N REDMOND INTCHGE. CONN. 2	118.91	119.08	3.12
SUNSET	67.41	67.42	3.12
185TH AVE. CONN. NO. 3	64.09	64.09	3.12
SUNSET	66.90	66.91	3.12
SUNSET	66.90	66.92	3.12
SUNSET	70.91	71.05	3.12
SUNSET	67.41	67.52	3.12
SUNSET	71.57	71.64	3.12
SUNSET	67.42	67.49	3.12
SUNSET	70.91	71.04	3.12
NE GLISAN ST. CONN. NO. 6	21.91	21.95	3.12
PACIFIC HIGHWAY EAST	24.90	24.90	3.12
EAST PORTLAND FREEWAY	19.87	19.87	3.12
EAST PORTLAND FREEWAY	10.24	10.46	3.12
PACIFIC HIGHWAY WEST	108.19	108.50	3.12
EAST PORTLAND FREEWAY	14.36	14.52	3.12
EAST PORTLAND FREEWAY	14.35	14.37	3.12
EAST PORTLAND FREEWAY	10.27	10.32	3.12
DIVISION&POWELL CONN. #4	19.75	19.76	3.12
EAST PORTLAND FREEWAY	10.22	10.27	3.12
EAST PORTLAND FREEWAY	9.99	10.20	3.12
EAST PORTLAND FREEWAY	10.21	10.24	3.12
EAST PORTLAND FREEWAY	9.83	9.98	3.12
EAST PORTLAND FREEWAY	10.46	10.48	3.12
EAST PORTLAND FREEWAY	9.82	9.99	3.12
EAST PORTLAND FREEWAY	19.87	19.87	3.12
EAST PORTLAND FREEWAY	9.98	10.19	3.12
FORT STEVENS	0.74	0.87	3.12
WILLAMINA-SHERIDAN	7.82	7.92	3.12
BEAVERTON-TIGARD	7.05	7.16	3.12
S. TIGARD CONN. NO. 3	7.53	7.76	3.12
FORT STEVENS	4.62	4.68	3.12
BEAVERTON-TIGARD	0.34	0.35	3.12
LOWER COLUMBIA RIVER	49.86	50.00	3.12
FORT STEVENS	0.99	1.24	3.12
BEAVERTON-TIGARD	5.19	5.62	3.12
BEAVERTON-TIGARD	2.80	3.00	3.12
BEAVERTON-TIGARD	1.13	1.18	3.12
HILLSBORO-SILVERTON	17.87	17.92	3.12
SALEM-DAYTON	1.10	1.18	3.12
NETARTS	8.28	8.29	3.12
BEAVERTON-TIGARD	2.78	3.05	3.12
BEAVERTON-TIGARD	2.73	2.80	3.12
BEAVERTON-TIGARD	4.60	4.69	3.12
FORT STEVENS	4.57	4.58	3.12
BEAVERTON-TIGARD	1.15	1.16	3.12
CASCADE HWY SOUTH	28.54	28.55	3.12
BEAVERTON-TIGARD	3.00	3.06	3.12
AMITY-DAYTON	7.89	8.28	3.12
BEAVERTON-TIGARD	2.76	2.78	3.12
BEAVERTON-TIGARD	4.59	4.66	3.12
FORT STEVENS	4.90	5.39	3.12
BEAVERTON-TIGARD	5.18	5.60	3.12
BEAVERTON-TIGARD	3.05	3.10	3.12
BEAVERTON-TIGARD	0.35	0.45	3.12
COVE	0.25	0.76	3.12
FORT STEVENS SPUR	5.34	5.38	3.12
ROGUE RIVER LOOP	3.69	4.33	3.12
EUGENE-SPRINGFIELD	2.79	3.01	3.12
TERRITORIAL	20.90	20.91	3.12
WEISER SPUR	12.36	13.06	3.12
ALBANY FRONTAGE RD.	233.60	234.08	3.11
ALBANY FRONTAGE RD.	233.23	233.46	3.11
GREELEY AVE. CONN. NO. 1	303.12	303.13	3.11
NE MARINE DR. CONN.	16.95	16.98	3.11
GREELEY AVE. CONN. NO. 1	303.18	303.19	3.11
GREELEY AVE. CONN. NO. 2	303.01	303.06	3.11
HOOD RIVER FRONTAGE RD.	63.92	63.93	3.11
GREELEY AVE. CONN. NO. 2	302.97	303.01	3.11
GREELEY AVE. CONN. NO. 1	303.06	303.12	3.11
GREELEY AVE. CONN. NO. 1	303.19	303.19	3.11
HOOD RIVER FRONTAGE RD.	63.95	64.02	3.11
GREELEY AVE. CONN. NO. 2	303.06	303.08	3.11
JANTZEN BEACH CONN. NO. 5	307.75	307.76	3.11
GREELEY AVE. CONN. NO. 1	303.19	303.22	3.11

GREELEY AVE. CONN. NO. 1	303.38	303.40	3.11
GREELEY AVE. CONN. NO. 1	302.97	303.06	3.11
GREELEY AVE. CONN. NO. 2	302.70	302.84	3.11
GREELEY AVE. CONN. NO. 2	302.96	302.97	3.11
HOOD RIVER FRONTAGE RD.	63.93	63.95	3.11
JANTZEN BEACH CONN. NO. 3	308.15	308.22	3.11
HOOD RIVER FRONTAGE RD.	63.88	63.92	3.11
GREELEY AVE. CONN. NO. 1	303.13	303.18	3.11
COLORADO AVE. CONN. NO. 3	138.02	138.10	3.11
REVERE AVE. CONN. NO. 2	137.18	137.20	3.11
COLORADO AVE. CONN. NO. 3	138.28	138.29	3.11
	2.74	2.75	3.11
REDWOOD CONN. NO. 2	0.12	0.15	3.11
GEARY ST. CONN. NO. 1	1.30	1.36	3.11
N. ALBANY INTCHGE. CONN.	0.66	0.67	3.11
GEARY ST. CONN. NO. 1	1.36	1.45	3.11
WESTERN BLVD. CONN. NO. 1	54.25	54.29	3.11
CORNELL RD. CONN. NO. 2	65.76	65.86	3.11
N. ALBANY INTCHGE. CONN.	0.66	0.67	3.11
GLADSTONE CONN. NO. 5	11.13	11.14	3.11
GLADSTONE CONN. NO. 5	11.14	11.15	3.11
GLADSTONE CONN. NO. 5	11.17	11.17	3.11
GLADSTONE CONN. NO. 5	11.15	11.17	3.11
WOODBURN-ESTACADA	13.43	13.61	3.11
WARRENTON-ASTORIA HWY CONN	1.57	1.61	3.11
HISTORIC COLUMBIA RIVER	49.44	49.78	3.11
HISTORIC COLUMBIA RIVER	49.31	49.42	3.11
WILLAMINA-SHERIDAN	2.01	2.32	3.11
SUTHERLIN CONN. NO. 1	24.28	24.28	3.11
SAMS VALLEY	2.28	2.30	3.11
N ALBANY CONN. NO. 2	234.39	234.40	3.1
N ALBANY CONN. NO. 2	234.39	234.40	3.1
HUBBARD INTCHG. CONN. NO 2	282.52	282.53	3.1
HUBBARD INTCHG. CONN. NO 2	282.60	282.61	3.1
HUBBARD INTCHG. CONN. NO 2	282.59	282.60	3.1
HUBBARD INTCHG. CONN. NO 2	282.53	282.58	3.1
HUBBARD INTCHG. CONN. NO 2	282.66	282.67	3.1
HUBBARD INTCHG. CONN. NO 2	282.67	282.71	3.1
HUBBARD INTCHG. CONN. NO 2	282.61	282.66	3.1
HUBBARD INTCHG. CONN. NO 2	282.58	282.59	3.1
NEVADA AVE. CONN. NO. 5	273.21	273.33	3.1
	3.04	3.04	3.1
	63.80	63.91	3.1
	63.91	63.94	3.1
WILKES FRONTAGE RD. NO. 2	13.15	13.27	3.1
ROSEMONT AVE. CONN. NO. 2	24.81	24.86	3.1
EDGEWATER ST. WALLACE RD.	25.97	25.97	3.1
BIDDLE RD. CONN. NO. 3	0.80	0.94	3.1
ROSEMONT AVE. CONN. NO. 1	25.08	25.34	3.1
CENTER STREET BRIDGE CONN.	25.43	25.62	3.1
EUGENE-SPRINGFIELD HWY CON	6.32	6.50	3.1
GOSHEN CONN. NO. 1	0.89	1.07	3.1
EDGEWATER ST. WALLACE RD.	25.97	25.97	3.1
	25.97	25.97	3.1
ROSEMONT AVE. CONN. NO. 2	24.86	24.91	3.1
EDGEWATER ST. WALLACE RD.	25.97	25.97	3.1
	25.97	25.97	3.1
SANTIAM HWY CONN. NO. 4	1.15	1.21	3.1
	25.97	25.97	3.1
	25.97	26.02	3.1
EDGEWATER ST. WALLACE RD.	25.97	25.97	3.1
CENTER STREET BRIDGE CONN.	25.62	25.80	3.1
PENDLETON HWY CONN.	30.68	30.69	3.1
HIGHLANDS CONN NO. 1	72.23	72.26	3.1
HIGHLANDS CONN NO. 1	72.21	72.23	3.1
HIGHLANDS CONN NO. 1	72.20	72.21	3.1
HIGHLANDS CONN NO. 1	72.19	72.20	3.1
COBURG RD. CONN. NO. 2	11.67	11.78	3.1
BARGER RD. CONN. NO. 1	5.33	5.64	3.1
MAINLINE DR. FRONTAGE RD.	1.74	1.83	3.1
PACIFIC HIGHWAY EAST	24.83	24.87	3.1
N. SALEM FRONTAGE RD.	46.30	46.49	3.1
SE MARKET ST. CONN.	20.05	20.07	3.1
W. TIGARD CONN. NO. 1	8.73	8.74	3.1
SE MARKET ST. CONN.	20.02	20.05	3.1
BARGER RD. CONN. NO. 1	5.33	5.34	3.1
RIVER RD. CONN. NO. 2	8.46	8.74	3.1

W. TIGARD CONN. NO. 2	8.76	8.93	3.1
COBURG RD. CONN. NO. 1	11.44	11.67	3.1
W. TIGARD CONN. NO. 3	8.66	8.81	3.1
PACIFIC HIGHWAY EAST	25.10	25.15	3.1
BARGER RD. CONN. NO. 3	6.01	6.26	3.1
PACIFIC HIGHWAY EAST	24.95	25.01	3.1
W. 1ST STREET CONN.	24.06	24.10	3.1
PACIFIC HIGHWAY EAST	24.88	24.88	3.1
COBURG RD. CONN. NO. 4	11.13	11.32	3.1
RIVER RD. CONN. NO. 1	8.25	8.47	3.1
RIVER RD. CONN. NO. 4	8.06	8.25	3.1
MAINLINE DR. FRONTAGE RD.	1.93	2.08	3.1
SW CORONADO AVE FRONT. RD.	7.87	7.88	3.1
RIVER RD. CONN. NO. 3	8.72	9.01	3.1
BARGER RD. CONN. NO. 4	5.12	5.37	3.1
BARGER RD. CONN. NO. 2	5.62	5.87	3.1
COBURG RD. CONN. NO. 1	11.20	11.21	3.1
SE MARKET ST. CONN.	20.07	20.07	3.1
COBURG RD. CONN. NO. 3	11.96	12.04	3.1
COBURG RD. CONN. NO. 1	11.20	11.21	3.1
WHITNEY	50.37	50.39	3.1
JEFFERSON	5.49	5.96	3.1
HISTORIC COLUMBIA RIVER	0.06	0.07	3.1
CLACKAMAS	3.82	3.96	3.1
JEFFERSON	6.12	6.13	3.1
WALLACE RD/EDGEWATER ST CN	20.78	20.81	3.1
HILLSBORO-SILVERTON	0.35	0.40	3.1
AMITY-DAYTON	8.65	8.70	3.1
WALLACE RD/EDGEWATER ST CN	20.81	20.82	3.1
NETARTS	9.03	9.08	3.1
S.W. 79TH. FRONTAGE RD.	8.42	8.49	3.1
WALLACE RD/EDGEWATER ST CN	20.82	20.93	3.1
HISTORIC COLUMBIA RIVER	49.83	49.98	3.1
WILLAMINA-SHERIDAN	2.67	2.78	3.1
HILLSBORO-SILVERTON	0.24	0.26	3.1
BEAVERTON-TUALATIN	8.81	8.91	3.1
HERMISTON	8.67	8.68	3.1
GOSHEN-DIVIDE	0.23	0.34	3.1
OLD ALIGNMENT FRONTAGE RD	7.30	7.53	3.1
REDWOOD HWY CONN. NO. 1	0.17	0.18	3.1
REDWOOD HWY CONN. NO. 1	0.17	0.18	3.1
HOOD RIVER	0.73	0.75	3.1
HERMISTON	8.61	8.64	3.1
REDWOOD HWY CONN. NO. 1	0.17	0.18	3.1
REDWOOD HWY CONN. NO. 1	0.15	0.18	3.1
REDWOOD HWY CONN. NO. 1	0.17	0.18	3.1
GOSHEN-DIVIDE	14.04	14.10	3.1
MCVAY CONN. NO. 3	1.21	1.30	3.1
CULVER	0.00	0.05	3.1
SAMS VALLEY	2.36	2.44	3.1
REDWOOD HWY CONN. NO. 1	0.18	0.23	3.1
GOSHEN-DIVIDE	0.16	0.23	3.1
REDWOOD HWY CONN. NO. 1	0.17	0.18	3.1
HERMISTON	7.18	7.21	3.1
REDWOOD HWY CONN. NO. 1	0.17	0.18	3.1
FRANKLIN BLVD. FRONTAGE RD	1.76	2.02	3.1
REDWOOD HWY CONN. NO. 1	0.17	0.18	3.1
DEADY CONN. NO. 2	135.09	135.12	3.09
DEADY CONN. NO. 2	135.16	135.16	3.09
RIDDLE RD. CONN. NO. 3	103.80	103.90	3.09
DEADY CONN. NO. 2	135.12	135.16	3.09
RIDDLE RD. CONN. NO. 3	103.95	103.98	3.09
DELTA PARK CONN. NO. 2	306.66	306.69	3.09
TROUTDALE CONN. NO. 3	17.80	17.86	3.09
DELTA PARK CONN. NO. 2	306.64	306.66	3.09
STEEN RD. CONN.	26.23	26.27	3.09
SW CORONADO AVE FRONT. RD.	7.69	7.72	3.09
AMITY-DAYTON	8.75	8.82	3.09
DEER ISLAND FRONTAGE RD.	33.97	34.20	3.09
AMITY-DAYTON	8.56	8.58	3.09
OLD ALIGNMENT FRONTAGE RD	7.78	7.81	3.09
GAZELY RD. CONN. NO. 2	101.96	101.97	3.08
	24.40	24.40	3.08
	24.40	24.40	3.08
	24.97	24.98	3.08
	24.31	24.34	3.08
	24.46	24.49	3.08

	24.44	24.45	3.08
	24.31	24.34	3.08
	24.37	24.38	3.08
	23.82	23.83	3.08
	24.34	24.40	3.08
	23.83	23.83	3.08
	24.41	24.46	3.08
	24.42	24.49	3.08
	24.40	24.41	3.08
	24.53	24.61	3.08
	24.40	24.41	3.08
	24.49	24.52	3.08
	23.82	23.83	3.08
	24.39	24.40	3.08
	24.49	24.53	3.08
	24.52	24.60	3.08
	24.42	24.43	3.08
	24.52	24.53	3.08
	24.44	24.45	3.08
	24.40	24.41	3.08
	23.83	23.83	3.08
	24.97	24.98	3.08
	24.34	24.38	3.08
RICHLAND INTCHGE. CONN.	302.71	302.84	3.08
DEPOT ST. CONNECTION	8.83	8.92	3.08
ROGUE RIVER	8.83	8.85	3.08
HELVETIA RD. CONN. NO. 2	61.38	61.53	3.08
WANKERS CORNER CONN. NO. 2	3.25	3.26	3.08
WANKERS CORNER CONN. NO. 2	3.16	3.25	3.08
YAMHILL-NEWBERG	10.83	10.89	3.08
BEAVERTON-TUALATIN	4.64	4.69	3.08
HERMISTON	8.08	8.08	3.08
HERMISTON	7.52	7.55	3.08
HERMISTON	7.71	8.07	3.08
HERMISTON	7.57	7.59	3.08
OREGON COAST	4.40	4.41	3.07
OREGON COAST	4.31	4.31	3.07
OREGON COAST	4.41	4.41	3.07
OREGON COAST	4.41	4.41	3.07
BORING FRONTAGE RD.	17.72	17.86	3.07
OREGON COAST	4.41	4.41	3.07
OREGON COAST	4.41	4.46	3.07
OLD FERRY RD. FRONTAGE RD.	191.08	191.23	3.07
OREGON COAST	4.41	4.41	3.07
OREGON COAST	4.41	4.41	3.07
OREGON COAST	4.31	4.31	3.07
OREGON COAST	4.41	4.41	3.07
OREGON COAST	4.41	4.41	3.07
SHERIDAN CONN. NO. 5	32.67	32.68	3.07
E. MCMINNVILLE CONN. NO. 1	46.13	46.24	3.07
CUMULUS AVE. FRONTAGE RD.	47.41	47.58	3.07
SHERIDAN CONN. NO. 5	32.76	32.77	3.07
E. MCMINNVILLE CONN. NO. 1	46.07	46.11	3.07
CUMULUS AVE. FRONTAGE RD.	47.25	47.41	3.07
DENNEY RD. CONN. NO. 2	3.02	3.06	3.07
WARREN FRONTAGE RD.	25.14	25.21	3.07
DENNEY RD. CONN. NO. 2	2.97	3.00	3.07
DENNEY RD. CONN. NO. 2	3.01	3.02	3.07
DENNEY RD. CONN. NO. 2	3.00	3.01	3.07
DENNEY RD. CONN. NO. 2	3.06	3.07	3.07
E. MCMINNVILLE FRONTAGE RD	46.48	46.70	3.07
GOSHEN-DIVIDE	5.39	5.48	3.07
OLD ALIGNMENT FRONTAGE RD	7.06	7.23	3.07
CRATER LAKE HWY CONN. NO 3	30.92	30.95	3.06
ADAIR VILLAGE FRONT. RD.#1	75.24	75.26	3.06
ADAIR VILLAGE CONN.	75.70	75.72	3.06
ILLINOIS ST. CONN.	19.83	19.85	3.06
SE DARTMOUTH ST. FRONT. RD	5.37	5.41	3.06
KING CITY FRONTAGE RD.	11.58	11.63	3.05
NW MARINA WAY FRONTAGE RD.	10.41	10.43	3.05
6TH ST. CONN.	47.34	47.36	3.05
BELTLINE HWY. CONN. NO. 4	196.00	196.00	3.04
BELTLINE HWY. CONN. NO. 4	196.00	196.00	3.04
BELTLINE HWY. CONN. NO. 4	196.00	196.00	3.04
BELTLINE HWY. CONN. NO. 4	196.00	196.13	3.04
BELTLINE HWY. CONN. NO. 4	196.00	196.00	3.04
BONNEVILLE POWER FRONT RD.	189.77	189.96	3.04

BELTLINE HWY. CONN. NO. 4	196.00	196.00	3.04
COTTAGE GROVE FRONTAGE RD.	172.79	173.13	3.04
BELTLINE HWY. CONN. NO. 4	196.00	196.00	3.04
BELTLINE HWY. CONN. NO. 4	196.00	196.00	3.04
BELTLINE HWY. CONN. NO. 4	195.94	196.00	3.04
Q STREET CONN. NO. 4	194.07	194.12	3.04
CITY STREET CONN. NO. 1	302.09	302.28	3.04
GOING ST. CONN. NO. 3	303.92	303.95	3.04
NE GLISAN ST. CONN. NO. 2	3.30	3.38	3.04
TROUTDALE CONN. NO. 2	17.38	17.56	3.04
NE PORTLAND HWY CONN. NO 2	305.41	305.45	3.04
MULTNOMAH BLVD. CONN. NO 1	296.08	296.10	3.04
BELTLINE HWY. CONN. NO. 3	195.58	195.58	3.04
GOING ST. CONN. NO. 3	303.73	303.92	3.04
HAINES RD. CONN. NO. 6	292.82	292.86	3.04
PACIFIC HWY. CONN. NO. 2	0.37	0.46	3.04
CAPITOL HIGHWAY INCHG NO 2	295.31	295.32	3.04
NE 181ST AVE. CONN. NO. 3	12.39	12.63	3.04
GOING ST. CONN. NO. 4	303.61	303.80	3.04
NE GLISAN ST. CONN. NO. 2	3.10	3.20	3.04
HAINES RD. CONN. NO. 5	293.54	293.55	3.04
PORTLAND BLVD. CONN. NO. 4	304.56	304.75	3.04
MINNESOTA AVE. CONN. NO. 1	304.27	304.50	3.04
MULTNOMAH BLVD. CONN. NO 3	296.85	296.96	3.04
GOING ST. CONN. NO. 2	303.91	303.96	3.04
WASHINGTON ST. FRONT. RD.	14.09	14.33	3.04
S TIGARD CONN. NO. 1	292.16	292.20	3.04
PORTLAND BLVD. CONN. NO. 2	305.06	305.14	3.04
CORBETT AVE. INTCHG. CONN.	298.85	298.86	3.04
CAPITOL HIGHWAY INCHG NO 2	295.32	295.32	3.04
N SUNDIAL FRONTAGE RD.	15.99	16.05	3.04
N TIGARD CONN. NO. 2	293.88	294.03	3.04
MULTNOMAH BLVD. CONN. NO 5	296.30	296.44	3.04
NE 68TH AVE. CONN. NO. 2	4.23	4.26	3.04
NE 39TH AVE. CONN. NO. 1	2.43	2.56	3.04
OSWEGO HWY CONN. NO. 2	299.90	300.06	3.04
BELTLINE HWY. CONN. NO. 3	195.55	195.58	3.04
GOING ST. CONN. NO. 2	303.73	303.74	3.04
NE HALSEY ST. CONN.	5.78	5.79	3.04
HAINES RD. CONN. NO. 4	293.44	293.51	3.04
S TIGARD CONN. NO. 3	292.45	292.79	3.04
HAINES RD. CONN. NO. 2	293.15	293.16	3.04
TERWILLIGER BLVD CONN NO 1	297.35	297.53	3.04
NE GLISAN ST. CONN. NO. 1	3.51	3.65	3.04
PORTLAND BLVD. CONN. NO. 1	304.74	304.84	3.04
CASCADE HWY. CONN. NO. 1	5.06	5.19	3.04
BELTLINE HWY. CONN. NO. 3	195.58	195.58	3.04
GOING ST. CONN. NO. 2	303.69	303.72	3.04
NE GLISAN ST. CONN. NO. 2	3.21	3.25	3.04
NE 68TH AVE. CONN. NO. 1	4.23	4.33	3.04
CAPITOL HIGHWAY INCHG NO 2	295.32	295.32	3.04
S TIGARD CONN. NO. 3	292.28	292.30	3.04
TROUTDALE CONN. NO. 1	17.57	17.61	3.04
BELTLINE HWY. CONN. NO. 3	195.58	195.58	3.04
S SUNDIAL FRONTAGE RD.	17.21	17.24	3.04
BELTLINE HWY. CONN. NO. 3	195.58	195.58	3.04
MULTNOMAH BLVD. CONN. NO 4	296.68	296.93	3.04
WILSONVILLE CONN. NO. 3	283.88	284.08	3.04
BELTLINE HWY. CONN. NO. 3	195.58	195.58	3.04
NE 68TH AVE. CONN. NO. 1	4.21	4.23	3.04
NE HOLLADAY ST. CONN.	1.19	1.38	3.04
GOING ST. CONN. NO. 2	303.97	303.98	3.04
N TIGARD CONN. NO. 1	293.84	293.93	3.04
S TIGARD CONN. NO. 3	292.26	292.28	3.04
NE GLISAN ST. CONN. NO. 1	3.49	3.49	3.04
CAPITOL HIGHWAY INCHG NO 2	295.32	295.32	3.04
TAYLORS FERRY RD. INTCHG.	295.53	295.65	3.04
CITY STREET CONN. NO. 5	301.81	302.01	3.04
S SUNDIAL FRONTAGE RD.	17.32	17.38	3.04
BELTLINE HWY. CONN. NO. 3	195.58	195.58	3.04
OSWEGO HWY CONN. NO. 2	299.84	299.90	3.04
CAPITOL HIGHWAY INCHG NO 1	295.01	295.21	3.04
S TIGARD CONN. NO. 3	292.18	292.25	3.04
NE PORTLAND HWY CONN. NO 1	305.22	305.34	3.04
WILSONVILLE CONN. NO. 4	284.05	284.08	3.04
N TIGARD CONN. NO. 2	293.62	293.83	3.04
CAPITOL HIGHWAY INCHG NO 2	295.32	295.32	3.04

N TIGARD CONN. NO. 2	293.83	293.88	3.04
BELTLINE HWY. CONN. NO. 3	195.58	195.88	3.04
N TIGARD CONN. NO. 1	293.64	293.84	3.04
OSWEGO HWY CONN. NO. 1	299.17	299.19	3.04
SW CORONADO AVE. FRONT. RD	293.84	293.93	3.04
NE 33RD AVE. CONN. NO. 1	2.00	2.12	3.04
NE 39TH AVE. CONN. NO. 2	2.56	2.72	3.04
GOING ST. CONN. NO. 2	303.72	303.72	3.04
NE GLISAN ST. CONN. NO. 2	3.20	3.21	3.04
HAINES RD. CONN. NO. 4	293.28	293.35	3.04
CAPITOL HIGHWAY INCHG NO 2	295.32	295.32	3.04
NE 33RD AVE. CONN. NO. 2	1.91	2.06	3.04
CITY STREET CONN. NO. 3	302.60	302.83	3.04
GOING ST. CONN. NO. 2	303.72	303.73	3.04
TERWILLIGER BLVD CONN NO 1	297.53	297.58	3.04
MULTNOMAH BLVD. CONN. NO 1	296.20	296.32	3.04
CAPITOL HIGHWAY INCHG NO 2	295.19	295.31	3.04
HAINES RD. CONN. NO. 2	293.06	293.13	3.04
GOING ST. CONN. NO. 2	303.74	303.74	3.04
NE HALSEY ST. CONN.	5.77	5.78	3.04
CASCADE HWY. CONN. NO. 2	4.63	4.80	3.04
S TIGARD CONN. NO. 2	292.56	292.63	3.04
NE PORTLAND HWY CONN. NO 2	305.54	305.63	3.04
OSWEGO HWY CONN. NO. 1	299.19	299.59	3.04
CAPITOL HIGHWAY INCHG NO 2	295.32	295.32	3.04
HAINES RD. CONN. NO. 2	293.15	293.16	3.04
CAPITOL HIGHWAY INCHG NO 2	295.32	295.32	3.04
N TIGARD CONN. NO. 1	293.36	293.49	3.04
	304.96	305.00	3.04
NE 181ST AVE. CONN. NO. 2	13.04	13.09	3.04
HAINES RD. CONN. NO. 6	292.59	292.67	3.04
NE HALSEY ST. CONN.	5.79	5.96	3.04
HAINES RD. CONN. NO. 5	293.55	293.60	3.04
NE 16TH AVE. CONN.	1.07	1.33	3.04
S SUNDIAL FRONTAGE RD.	17.15	17.20	3.04
S TIGARD CONN. NO. 1	292.20	292.44	3.04
PORTLAND BLVD. CONN. NO. 3	305.12	305.31	3.04
HAINES RD. CONN. NO. 4	293.51	293.55	3.04
PACIFIC HWY. CONN. NO. 6	0.20	0.41	3.04
NE GLISAN ST. CONN. NO. 1	3.49	3.49	3.04
CITY STREET CONN. NO. 2	302.35	302.68	3.04
TERWILLIGER BLVD CONN NO 2	297.53	297.57	3.04
MINNESOTA AVE. CONN. NO. 2	304.47	304.66	3.04
NE PORTLAND HWY CONN. NO 1	305.37	305.44	3.04
S TIGARD CONN. NO. 3	292.25	292.26	3.04
BELTLINE HWY. CONN. NO. 3	195.58	195.58	3.04
GOING ST. CONN. NO. 1	303.77	303.84	3.04
CAPITOL HIGHWAY INCHG NO 2	295.32	295.41	3.04
N TIGARD CONN. NO. 3	294.04	294.39	3.04
NE 181ST AVE. CONN. NO. 1	12.82	13.05	3.04
NE PORTLAND HWY CONN. NO 2	305.49	305.52	3.04
S TIGARD CONN. NO. 1	292.12	292.16	3.04
MULTNOMAH BLVD. CONN. NO 2	296.60	296.75	3.04
HAINES RD. CONN. NO. 1	293.09	293.32	3.04
GOING ST. CONN. NO. 2	303.98	304.07	3.04
NE 39TH AVE. CONN. NO. 3	3.02	3.36	3.04
WEST LINN INTER. CONN.NO.1	11.13	11.18	3.04
NE 181ST AVE. CONN. NO. 5	12.74	12.80	3.04
TAYLORS FERRY RD.CONN.NO.1	2.11	2.23	3.04
GRAND AVE. CONNECTION	0.49	0.66	3.04
TROUTDALE CONN. NO. 5	17.32	17.42	3.04
ROSS ISLAND BRIDGE CONN. 2	0.33	0.56	3.04
WEST LINN INTER. CONN.NO.1	11.25	11.43	3.04
NE 181ST AVE. CONN. NO. 4	13.69	13.74	3.04
WEST LINN INTER. CONN.NO.3	11.26	11.27	3.04
WEST LINN INTER. CONN.NO.1	11.46	11.46	3.04
NE 181ST AVE. CONN. NO. 5	12.71	12.71	3.04
WEST LINN INTER. CONN.NO.1	11.46	11.46	3.04
NE 33RD AVE. CONN. NO. 3	2.14	2.44	3.04
ROSS ISLAND BRIDGE CONN. 4	0.31	0.43	3.04
ROSS ISLAND BRIDGE CONN. 4	0.47	0.58	3.04
ROSS ISLAND BRIDGE CONN. 4	0.43	0.47	3.04
WEST LINN INTER. CONN.NO.2	11.24	11.33	3.04
I-205 INTCHGE. CONN.	5.69	5.83	3.04
E. BEAVERTON CONN. NO. 1	2.85	3.08	3.04
BURNSIDE CONN. NO. 3	2.45	2.62	3.04
SUNSET CONN. NO. 2	1.66	1.66	3.04

W. MARQUAM INTCHG. CONN. 2	0.87	0.94	3.04
BROADWAY CONN. NO. 6	0.76	0.77	3.04
SUNSET CONN. NO. 8	1.17	1.18	3.04
SYLVAN CONN. NO. 1	71.20	71.27	3.04
SUNSET CONN. NO. 2	1.58	1.63	3.04
CEDAR HILLS BLVD. CONN. 6	67.32	67.50	3.04
SUNSET CONN. NO. 2	1.66	1.79	3.04
W. MARQUAM INTCHG. CONN. 2	1.07	1.15	3.04
STADIUM FWY INTCHG.CONN. 1	73.88	73.88	3.04
BROADWAY CONN. NO. 8	0.60	0.80	3.04
SUNSET CONN. NO. 8	1.13	1.14	3.04
BEAVERTON-TIGARD CONN NO 1	69.07	69.37	3.04
SUNSET CONN. NO. 3	1.66	1.88	3.04
STADIUM FWY INTCHG.CONN. 1	73.75	73.88	3.04
SYLVAN CONN. NO. 1	71.05	71.07	3.04
STADIUM FWY INTCHG.CONN. 1	73.88	73.88	3.04
BROADWAY CONN. NO. 5	1.29	1.50	3.04
SUNSET CONN. NO. 4	1.15	1.22	3.04
W. MARQUAM INTCHG. CONN. 2	0.99	0.99	3.04
STADIUM FWY INTCHG.CONN. 2	73.91	73.92	3.04
BROADWAY CONN. NO. 6	0.90	0.95	3.04
BEAVERTON-TIGARD CONN NO 4	69.44	69.44	3.04
BURNSIDE CONN. NO. 1	2.11	2.26	3.04
E. FREMONT INTCHG. CONN. 3	3.42	3.46	3.04
SUNSET CONN. NO. 3	1.90	1.94	3.04
BROADWAY CONN. NO. 2	0.99	1.13	3.04
SUNSET CONN. NO. 2	1.57	1.58	3.04
BURNSIDE CONN. NO. 5	2.45	2.66	3.04
MURRAY BLVD. CONN. NO. 5	66.55	66.78	3.04
SYLVAN CONN. NO. 4	71.53	71.73	3.04
BROADWAY CONN. NO. 6	0.89	0.90	3.04
BIEHN ST. CONN. NO. 2	6.43	6.49	3.04
SUNSET CONN. NO. 2	1.66	1.66	3.04
MURRAY BLVD. CONN. NO. 3	67.53	67.54	3.04
BROADWAY CONN. NO. 8	0.59	0.60	3.04
SUNSET CONN. NO. 8	1.09	1.12	3.04
MURRAY BLVD. CONN. NO. 3	67.34	67.42	3.04
SUNSET CONN. NO. 4	1.49	1.53	3.04
BURNSIDE CONN. NO. 2	2.19	2.24	3.04
CEDAR HILLS BLVD CONN NO 1	68.17	68.35	3.04
SUNSET CONN. NO. 4	1.13	1.15	3.04
SYLVAN CONN. NO. 1	70.89	70.93	3.04
CEDAR HILLS BLVD CONN NO 5	67.22	67.41	3.04
BEAVERTON-TIGARD CONN NO 4	69.67	69.78	3.04
SUNSET CONN. NO. 6	1.16	1.17	3.04
CORNELL RD. CONN. NO. 1	65.41	65.68	3.04
SUNSET CONN. NO. 1	1.24	1.34	3.04
BROADWAY CONN. NO. 6	0.79	0.89	3.04
STADIUM FWY INTCHG.CONN. 1	73.88	73.88	3.04
BEAVERTON-TIGARD CONN NO 2	69.22	69.22	3.04
SUNSET CONN. NO. 8	1.31	1.36	3.04
STADIUM FWY INTCHG.CONN. 1	73.88	73.88	3.04
BROADWAY CONN. NO. 7	0.98	0.98	3.04
SUNSET CONN. NO. 4	1.47	1.49	3.04
SUNSET CONN. NO. 2	1.66	1.66	3.04
CEDAR HILLS BLVD CONN NO 5	67.41	67.50	3.04
SUNSET CONN. NO. 8	1.15	1.17	3.04
SUNSET CONN. NO. 3	1.88	1.89	3.04
SUNSET CONN. NO. 2	1.55	1.57	3.04
STADIUM FWY INTCHG.CONN. 2	73.81	73.91	3.04
SUNSET CONN. NO. 8	1.18	1.25	3.04
SUNSET CONN. NO. 2	1.66	1.66	3.04
E. FREMONT INTCHG. CONN. 3	2.88	3.10	3.04
SUNSET CONN. NO. 4	1.11	1.13	3.04
W. MARQUAM INTCHG. CONN. 2	0.86	0.87	3.04
STADIUM FWY INTCHG.CONN. 1	73.96	73.98	3.04
BROADWAY CONN. NO. 6	0.73	0.76	3.04
W. MARQUAM INTCHG. CONN. 2	0.95	0.99	3.04
BURNSIDE CONN. NO. 5	2.66	2.69	3.04
BEAVERTON-TIGARD CONN NO 3	69.50	69.79	3.04
E. FREMONT INTCHG. CONN. 2	4.03	4.26	3.04
SUNSET CONN. NO. 5	1.88	2.08	3.04
BROADWAY CONN. NO. 8	0.49	0.57	3.04
BEAVERTON-TIGARD CONN NO 2	69.22	69.23	3.04
SUNSET HILLS CONN. NO. 1	70.64	70.66	3.04
MURRAY BLVD. CONN. NO. 4	67.43	67.73	3.04
CAMELOT CT. FRONTAGE RD.	70.64	70.70	3.04

SUNSET CONN. NO. 3	1.89	1.90	3.04
BROADWAY CONN. NO. 6	0.77	0.79	3.04
BEAVERTON-TIGARD CONN NO 2	69.36	69.42	3.04
BEAVERTON-TIGARD CONN NO 4	69.42	69.43	3.04
BURNSIDE CONN. NO. 1	2.26	2.34	3.04
SUNSET CONN. NO. 2	1.58	1.58	3.04
STADIUM FWY INTCHG.CONN. 1	73.88	73.88	3.04
BROADWAY CONN. NO. 3	1.09	1.17	3.04
CORNELL RD. CONN. NO. 5	66.49	66.50	3.04
SUNSET CONN. NO. 3	1.60	1.66	3.04
BROADWAY CONN. NO. 8	0.57	0.58	3.04
E. FREMONT INTCHG. CONN. 1	3.71	3.74	3.04
BEAVERTON-TIGARD CONN NO 2	69.23	69.33	3.04
BEAVERTON-TIGARD CONN NO 4	69.43	69.44	3.04
SUNSET CONN. NO. 4	1.22	1.42	3.04
CORNELL RD. CONN. NO. 4	65.89	65.94	3.04
BROADWAY CONN. NO. 1	0.75	0.96	3.04
STADIUM FWY INTCHG.CONN. 1	73.88	73.88	3.04
BURNSIDE CONN. NO. 6	1.85	1.98	3.04
E. FREMONT INTCHG. CONN. 2	3.67	3.77	3.04
SUNSET CONN. NO. 5	2.08	2.24	3.04
STADIUM FWY INTCHG.CONN. 1	73.88	73.88	3.04
BROADWAY CONN. NO. 8	0.58	0.59	3.04
185TH AVE. CONN. NO. 6	63.66	63.67	3.04
BROADWAY CONN. NO. 3	0.98	1.00	3.04
STADIUM FWY INTCHG.CONN. 2	73.91	73.91	3.04
BURNSIDE CONN. NO. 2	2.24	2.45	3.04
CEDAR HILLS BLVD CONN NO 4	69.08	69.34	3.04
SUNSET HILLS CONN. NO. 1	70.66	70.67	3.04
E. FREMONT INTCHG. CONN. 3	3.38	3.42	3.04
SUNSET CONN. NO. 4	1.42	1.45	3.04
CEDAR HILLS BLVD CONN NO 3	68.34	68.73	3.04
BURNSIDE CONN. NO. 6	1.98	2.10	3.04
SUNSET CONN. NO. 2	1.66	1.66	3.04
CEDAR HILLS BLVD CONN NO 4	68.83	69.08	3.04
W. MARQUAM INTCHG. CONN. 2	0.86	0.86	3.04
185TH AVE. CONN. NO. 5	64.68	64.78	3.04
SUNSET CONN. NO. 1	1.34	1.46	3.04
W. MARQUAM INTCHG. CONN. 2	1.00	1.04	3.04
SUNSET CONN. NO. 4	1.45	1.47	3.04
SUNSET CONN. NO. 2	1.66	1.66	3.04
BROADWAY CONN. NO. 3	1.00	1.08	3.04
BROADWAY CONN. NO. 2	0.95	0.99	3.04
STADIUM FWY INTCHG.CONN. 1	73.95	73.96	3.04
BROADWAY CONN. NO. 7	0.97	0.98	3.04
STADIUM FWY INTCHG.CONN. 2	73.92	74.05	3.04
SUNSET CONN. NO. 8	1.12	1.13	3.04
MURRAY BLVD. CONN. NO. 3	67.15	67.19	3.04
BEAVERTON-TIGARD CONN NO 4	69.40	69.42	3.04
SUNSET CONN. NO. 4	1.53	1.55	3.04
SUNSET CONN. NO. 2	1.63	1.66	3.04
W. MARQUAM INTCHG. CONN. 2	0.77	0.86	3.04
STADIUM FWY INTCHG.CONN. 1	73.98	74.00	3.04
BROADWAY CONN. NO. 3	1.08	1.09	3.04
SYLVAN CONN. NO. 1	71.27	71.31	3.04
SYLVAN CONN. NO. 2	71.29	71.47	3.04
SUNSET CONN. NO. 6	1.17	1.17	3.04
SUNSET CONN. NO. 2	1.34	1.55	3.04
SUNSET CONN. NO. 8	1.14	1.15	3.04
STADIUM FWY INTCHG.CONN. 1	74.00	74.18	3.04
SUNSET CONN. NO. 2	1.66	1.66	3.04
W. MARQUAM INTCHG. CONN. 2	1.04	1.07	3.04
STADIUM FWY INTCHG.CONN. 1	73.88	73.95	3.04
BEAVERTON-TIGARD CONN NO 2	69.17	69.22	3.04
W. FREMONT INTCHG. CONN. 1	3.08	3.42	3.04
CEDAR HILLS BLVD. CONN. 6	67.50	67.58	3.04
BEAVERTON CONN. NO. 1	0.97	1.26	3.04
BROADWAY CONN. NO. 3	0.98	0.98	3.04
BURNSIDE CONN. NO. 4	2.64	2.83	3.04
BEAVERTON-TIGARD CONN NO 4	69.44	69.67	3.04
N.E. PORTLAND HWY. FRONTAG	0.37	0.44	3.04
CLACKAMAS HWY CONN.	5.46	5.54	3.04
TIGARD CONN. NO. 2	7.83	7.90	3.04
DIVISION&POWELL CONN. #5	19.67	19.67	3.04
S. BANFIELD CONN. NO. 1	21.22	21.43	3.04
TIGARD CONN. NO. 2	7.81	7.83	3.04
S. WEST LINN CONN. NO. 4	6.89	7.01	3.04

SUNNYBROOK RD. CONN. NO. 3	14.33	14.34	3.04
SUNNYBROOK RD. CONN. NO. 3	14.33	14.34	3.04
SW CAPITOL HWY CONN.	6.21	6.21	3.04
SUNNYSIDE RD. CONN. NO. 3	14.85	14.97	3.04
NE GLISAN ST. CONN. NO. 8	20.69	20.71	3.04
SUNNYSIDE RD. CONN. NO. 3	15.17	15.18	3.04
CLACKAMAS HWY CONN.	5.44	5.46	3.04
GLADSTONE CONN. NO. 4	10.77	10.79	3.04
SUNNYBROOK RD. CONN. NO. 3	14.33	14.56	3.04
SW CAPITOL HWY CONN.	6.21	6.21	3.04
SUNNYSIDE RD. CONN. NO. 3	15.35	15.37	3.04
SUNNYBROOK RD. CONN. NO. 3	14.33	14.34	3.04
COLUMBIA BLVD. CONN. NO. 1	23.77	23.79	3.04
SUNNYBROOK RD. CONN. NO. 1	14.35	14.36	3.04
GIBBS ST. FRONTAGE RD.	1.85	1.86	3.04
S. BANFIELD CONN. NO. 1	22.04	22.06	3.04
DIVISION&POWELL CONN. #8	20.15	20.23	3.04
OREGON CITY CONN. NO. 2	9.56	9.81	3.04
CLACKAMAS HWY CONN.	5.62	5.65	3.04
MT. HOOD HWY CONN. NO. 1	1.62	1.66	3.04
COLUMBIA BLVD. CONN. NO. 1	23.68	23.72	3.04
NE GLISAN ST. CONN. NO. 8	20.69	20.71	3.04
NE GLISAN ST. CONN. NO. 2	20.87	21.12	3.04
SUNNYBROOK RD. CONN. NO. 1	14.35	14.36	3.04
NE GLISAN ST. CONN. NO. 6	21.55	21.55	3.04
FOSTER&WOODSTOCK CONN. #5	17.84	17.93	3.04
TIGARD CONN. NO. 2	7.90	7.95	3.04
NE GLISAN ST. CONN. NO. 4	21.39	21.44	3.04
SUNNYBROOK RD. CONN. NO. 3	14.33	14.34	3.04
SUNNYBROOK RD. CONN. NO. 1	14.35	14.59	3.04
SW CAPITOL HWY CONN.	6.21	6.39	3.04
S. WEST LINN CONN. NO. 2	6.54	6.56	3.04
FOSTER&WOODSTOCK CONN. #8	17.21	17.27	3.04
NE GLISAN ST. CONN. NO. 1	20.63	20.64	3.04
NE GLISAN ST. CONN. NO. 6	21.55	21.55	3.04
STARK-WASHINGTON ST CONN 1	20.36	20.57	3.04
SUNNYBROOK RD. CONN. NO. 1	14.35	14.36	3.04
SW CAPITOL HWY CONN.	6.19	6.21	3.04
	11.98	12.01	3.04
WEST LINN CONN. NO. 2	9.17	9.21	3.04
CLACKAMAS HWY CONN.	5.46	5.46	3.04
SUNNYSIDE RD. CONN. NO. 4	14.29	14.32	3.04
COLUMBIA BLVD. CONN. NO. 3	23.92	23.97	3.04
SW CAPITOL HWY CONN.	6.21	6.21	3.04
HOLGATE BLVD. CONN.	2.23	2.33	3.04
DIVISION&POWELL CONN. #5	19.77	19.93	3.04
NE GLISAN ST. CONN. NO. 4	21.12	21.17	3.04
TIGARD CONN. NO. 2	7.73	7.81	3.04
COLUMBIA BLVD. CONN. NO. 1	23.62	23.68	3.04
OREGON CITY CONN. NO. 1	9.23	9.27	3.04
SUNNYBROOK RD. CONN. NO. 1	14.35	14.36	3.04
SUNNYBROOK RD. CONN. NO. 3	14.33	14.34	3.04
S. WEST LINN CONN. NO. 2	6.46	6.49	3.04
SUNNYSIDE RD. CONN. NO. 3	15.04	15.10	3.04
TIGARD CONN. NO. 1	7.58	7.68	3.04
SUNNYBROOK RD. CONN. NO. 1	14.35	14.36	3.04
SUNNYBROOK RD. CONN. NO. 3	14.33	14.34	3.04
SW CAPITOL HWY CONN.	6.21	6.21	3.04
NE GLISAN ST. CONN. NO. 7	20.71	20.80	3.04
TIGARD CONN. NO. 2	7.65	7.73	3.04
MT. HOOD HWY CONN. NO. 1	1.52	1.57	3.04
COLUMBIA BLVD. CONN. NO. 1	23.94	23.97	3.04
S. WEST LINN CONN. NO. 4	6.71	6.73	3.04
S. BANFIELD CONN. NO. 1	21.43	21.51	3.04
SUNNYBROOK CONN. NO. 4	13.77	13.94	3.04
COLUMBIA BLVD. CONN. NO. 3	23.87	23.92	3.04
S. BANFIELD CONN. NO. 1	21.16	21.22	3.04
STARK-WASHINGTON ST CONN 4	20.05	20.09	3.04
SUNNYBROOK RD. CONN. NO. 3	14.33	14.34	3.04
SANDY BLVD. CONN.	23.36	23.46	3.04
WEST LINN CONN. NO. 1	8.50	8.79	3.04
NE GLISAN ST. CONN. NO. 5	21.21	21.24	3.04
OCHOCO ST. FRONTAGE RD.	4.77	5.21	3.04
SW CAPITOL HWY CONN.	6.21	6.21	3.04
TIGARD CONN. NO. 1	7.56	7.58	3.04
S. WEST LINN CONN. NO. 3	6.39	6.88	3.04
FOSTER&WOODSTOCK CONN. #1	17.72	17.77	3.04

NE GLISAN ST. CONN. NO. 1	20.69	20.87	3.04
SW CAPITOL HWY CONN.	6.21	6.21	3.04
SUNNYSIDE RD. CONN. NO. 2	14.57	14.97	3.04
SUNNYSIDE RD. CONN. NO. 3	15.10	15.17	3.04
SUNNYBROOK RD. CONN. NO. 1	14.35	14.36	3.04
DIVISION&POWELL CONN. #7	20.44	20.50	3.04
OCHOCO ST. CONN.	4.78	4.83	3.04
OREGON CITY CONN. NO. 1	9.27	9.43	3.04
NE GLISAN ST. CONN. NO. 4	21.17	21.21	3.04
COLUMBIA BLVD. CONN. NO. 1	23.93	23.94	3.04
S. WEST LINN CONN. NO. 1	6.25	6.43	3.04
COLUMBIA BLVD. CONN. NO. 1	23.68	23.68	3.04
DIVISION&POWELL CONN. #7	20.42	20.44	3.04
S. WEST LINN CONN. NO. 2	6.59	6.61	3.04
COLUMBIA BLVD. CONN. NO. 4	23.79	23.89	3.04
SUNNYSIDE RD. CONN. NO. 4	14.12	14.13	3.04
COLUMBIA BLVD. CONN. NO. 1	23.79	23.93	3.04
NE GLISAN ST. CONN. NO. 2	20.62	20.87	3.04
SUNNYBROOK RD. CONN. NO. 1	14.11	14.32	3.04
S. BANFIELD CONN. NO. 1	21.08	21.16	3.04
SUNNYBROOK RD. CONN. NO. 1	14.35	14.36	3.04
OREGON CITY CONN. NO. 2	11.81	12.10	3.04
	12.36	12.47	3.04
S. WEST LINN CONN. NO. 5	5.81	6.05	3.04
DIVISION&POWELL CONN. #2	19.46	19.62	3.04
NE GLISAN ST. CONN. NO. 1	20.63	20.64	3.04
OREGON CITY CONN. NO. 1	11.64	11.83	3.04
SW CAPITOL HWY CONN.	6.21	6.21	3.04
NE GLISAN ST. CONN. NO. 4	21.21	21.25	3.04
STAR MOTEL FRONTAGE RD.	12.03	12.11	3.04
SUNNYBROOK RD. CONN. NO. 1	14.32	14.35	3.04
FOSTER&WOODSTOCK CONN. #6	18.12	18.36	3.04
TERWILLIGER BVLD. CONN. #1	4.22	4.23	3.04
SW 72ND AVE. CONN. NO. 1	6.70	6.83	3.04
TERWILLIGER BVLD. CONN. #1	4.27	4.44	3.04
PROGRESS CONN. NO. 2	4.71	4.80	3.04
FORT STEVENS	3.26	3.27	3.04
S. TIGARD CONN. NO. 2	7.06	7.11	3.04
W. FREMONT CONN. NO. 1	1.48	1.48	3.04
SW 72ND AVE CONN. NO. 5	6.20	6.32	3.04
PACIFIC HWY CONN. NO. 2	5.30	5.49	3.04
SW 72ND AVE. CONN. NO. 4	7.14	7.15	3.04
Sunset Hwy. Conn. No. 3	0.74	0.86	3.04
W. FREMONT CONN. NO. 5	1.42	1.63	3.04
SCHOLLS FERRY RD. CONN.	2.82	2.84	3.04
SUNSET HWY CONN. NO. 5	0.28	0.35	3.04
TIGARD CONN. NO. 1	5.69	5.90	3.04
I-205 CONN. NO. 1	11.13	11.26	3.04
SW 72ND AVE. CONN. NO. 4	7.15	7.16	3.04
TERWILLIGER BVLD. CONN. #1	4.44	4.48	3.04
PROGRESS CONN. NO. 2	4.44	4.56	3.04
ALLEN BLVD. CONN. NO. 1	2.33	2.46	3.04
SW 72ND AVE. CONN. NO. 4	7.14	7.15	3.04
SUNSET HWY CONN. NO. 1	0.20	0.23	3.04
SUNSET HWY CONN. NO. 8	0.13	0.45	3.04
SW 72ND AVE CONN. NO. 5	6.20	6.21	3.04
SUNSET HWY CONN. NO. 5	0.38	0.49	3.04
SW 72ND AVE. CONN. NO. 4	7.14	7.15	3.04
GREENBURG RD. CONN. NO. 5	4.53	4.74	3.04
SUNSET HWY CONN. NO. 6	0.01	0.02	3.04
SW 72ND AVE CONN. NO. 5	6.20	6.21	3.04
TERWILLIGER BVLD. CONN. #2	4.39	4.44	3.04
GREENBURG RD. CONN. NO. 3	4.96	5.17	3.04
E. BEAVERTON INTCHGE.NO. 2	2.00	2.24	3.04
W. FREMONT CONN. NO. 3	1.53	1.54	3.04
ALLEN BLVD. CONN. NO. 3	2.47	2.70	3.04
ALLEN BLVD. CONN. NO. 5	2.03	2.11	3.04
PACIFIC HWY CONN. NO. 1	5.26	5.48	3.04
SW 72ND AVE. CONN. NO. 3	6.74	6.78	3.04
W. FREMONT CONN. NO. 4	1.42	1.45	3.04
SUNSET HWY CONN. NO. 7	0.80	1.01	3.04
SW 72ND AVE CONN. NO. 5	6.20	6.21	3.04
PACIFIC HWY EAST CONN.	0.29	0.40	3.04
SW 72ND AVE CONN. NO. 5	6.32	6.45	3.04
SUNSET HWY CONN. NO. 2	0.11	0.35	3.04
W. FREMONT CONN. NO. 1	1.48	1.48	3.04
SUNSET HWY CONN. NO. 1	0.19	0.20	3.04

ALLEN BLVD. CONN. NO. 4	2.64	2.78	3.04
SW 72ND AVE CONN. NO. 5	6.20	6.21	3.04
W. FREMONT CONN. NO. 5	1.63	1.65	3.04
SW 72ND AVE. CONN. NO. 4	7.14	7.15	3.04
SCHOLLS FERRY RD. CONN.	2.73	2.82	3.04
TERWILLIGER BVLD. CONN. #1	4.26	4.27	3.04
I-205 CONN. NO. 2	11.27	11.44	3.04
SUNSET HWY CONN. NO. 6	0.03	0.23	3.04
Sunset Hwy. Conn. No. 3	0.65	0.74	3.04
PROGRESS CONN. NO. 1	4.32	4.34	3.04
SUNSET HWY CONN. NO. 6	0.02	0.03	3.04
SW 72ND AVE CONN. NO. 5	6.20	6.21	3.04
SUNSET HWY CONN. NO. 1	0.00	0.04	3.04
E. BEAVERTON INTCHGE.NO. 1	1.30	1.49	3.04
W. FREMONT CONN. NO. 1	1.71	1.77	3.04
SW 72ND AVE CONN. NO. 5	6.20	6.21	3.04
	15.36	15.44	3.04
S. TIGARD CONN. NO. 1	7.19	7.28	3.04
W. FREMONT CONN. NO. 3	1.42	1.44	3.04
GREENBURG RD. CONN. NO. 1	4.78	4.97	3.04
SUNSET HWY CONN. NO. 6	0.01	0.01	3.04
SW 72ND AVE CONN. NO. 5	6.20	6.21	3.04
	15.35	15.36	3.04
SW 72ND AVE. CONN. NO. 4	7.14	7.15	3.04
GREENBURG FRONTAGE RD.	4.84	4.95	3.04
SUNSET HWY CONN. NO. 7	0.00	0.15	3.04
SUNSET HWY CONN. NO. 7	0.51	0.80	3.04
SUNSET HWY CONN. NO. 1	0.20	0.20	3.04
SW 72ND AVE. CONN. NO. 4	6.90	7.15	3.04
SW 72ND AVE. CONN. NO. 4	7.14	7.15	3.04
PROGRESS CONN. NO. 2	9.51	9.69	3.04
SUNSET HWY CONN. NO. 1	0.06	0.18	3.04
SUNSET HWY CONN. NO. 7	0.15	0.51	3.04
Sunset Hwy. Conn. No. 3	0.30	0.49	3.04
TIGARD CONN. NO. 2	6.41	6.48	3.04
SUNSET HWY CONN. NO. 1	0.18	0.19	3.04
W. FREMONT CONN. NO. 3	1.35	1.42	3.04
TERWILLIGER BVLD. CONN. #1	4.23	4.26	3.04
PROGRESS CONN. NO. 1	9.13	9.32	3.04
PACIFIC HWY CONN. NO. 2	5.51	5.52	3.04
SUNSET HWY CONN. NO. 1	0.04	0.06	3.04
SW 72ND AVE. CONN. NO. 4	7.14	7.15	3.04
GREENBURG RD. CONN. NO. 4	5.13	5.33	3.04
SW 72ND AVE. CONN. NO. 3	6.78	6.90	3.04
Sunset Hwy. Conn. No. 3	0.49	0.60	3.04
Sunset Hwy. Conn. No. 4	0.49	0.58	3.04
W. FREMONT CONN. NO. 5	1.36	1.42	3.04
SW 72ND AVE. CONN. NO. 1	6.67	6.70	3.04
SHERWOOD' CONN. NO. 1	15.07	15.13	3.04
W. FREMONT CONN. NO. 3	1.53	1.54	3.04
HARMONY RD. CONN. NO. 3	2.69	2.71	3.04
Q STREET CONN. NO. 1	3.50	3.71	3.04
Q STREET CONN. NO. 1	3.09	3.50	3.04
CORVALLIS-LEBANON	0.13	0.18	3.04
EUGENE-SPRINGFIELD HWY CON	0.00	0.22	3.04
Q STREET CONN. NO. 2	3.61	3.76	3.04
WEBSTER RD. CONN. NO. 1	4.88	4.94	3.04
WASHINGTON ST. FRONT. RD.	13.85	13.86	3.03
WINERY LN. FRONTAGE ROAD	76.07	76.12	3.03
CLACKAMETTE PARK CONN NO 2	11.61	11.77	3.03
SE OTTY RD CONN NO 1	15.86	15.87	3.03
CLACKAMETTE PARK CONN NO 2	11.50	11.61	3.03
SE OTTY RD CONN NO 1	15.87	15.90	3.03
SE OTTY RD CONN NO 1	15.90	15.92	3.03
FORT STEVENS	0.56	0.61	3.03
OREGON COAST	240.66	240.71	2.24
OREGON COAST	241.49	241.81	2.24
CENTRAL OREGON	2.86	2.98	2.24
THE DALLES-CALIFORNIA	96.66	96.84	2.24
THE DALLES-CALIFORNIA	263.96	270.29	2.24
MCKENZIE	107.99	109.75	2.24
CORVALLIS-NEWPORT	49.87	49.91	2.24
SANTIAM	1.92	1.94	2.24
MT. HOOD	101.39	101.82	2.24
MCKENZIE-BEND	17.55	17.88	2.24
OREGON COAST	68.16	68.90	2.24
SUNSET	59.14	60.86	2.24

SUNSET	58.41	58.88	2.24
	60.73	60.74	2.24
WARM SPRINGS	117.43	117.48	2.24
ALBANY-JUNCTION CITY	0.20	0.25	2.24
COOS BAY-ROSEBURG	74.46	74.52	2.24
SUNSET	57.83	58.42	2.24
SUNSET	58.42	59.14	2.24
SUNSET	60.74	61.04	2.24
ALBANY-JUNCTION CITY	0.25	0.28	2.24
SALMON RIVER	50.10	50.23	2.24
WARM SPRINGS	117.38	117.42	2.24
PACIFIC HIGHWAY WEST	30.75	30.82	2.24
PENDLETON	0.00	0.47	2.24
PACIFIC HIGHWAY WEST	13.59	13.83	2.24
PACIFIC HIGHWAY WEST	62.31	62.32	2.24
PACIFIC HIGHWAY WEST	13.62	13.80	2.24
PACIFIC HIGHWAY WEST	31.19	31.43	2.24
PACIFIC HIGHWAY WEST	14.33	14.39	2.24
LA GRANDE-BAKER	0.33	0.43	2.24
PACIFIC HIGHWAY WEST	32.75	32.77	2.24
PACIFIC HIGHWAY WEST	13.59	13.60	2.24
PACIFIC HIGHWAY WEST	14.33	14.39	2.24
NORTH SANTIAM	13.48	13.53	2.24
LOWER COLUMBIA RIVER	31.72	31.74	2.24
NORTH SANTIAM	13.80	13.80	2.24
NORTH SANTIAM	11.74	11.83	2.24
HILLSBORO-SILVERTON	21.83	21.85	2.24
HILLSBORO-SILVERTON	21.87	21.91	2.24
NORTH SANTIAM	11.83	12.65	2.24
NORTH SANTIAM	13.80	14.23	2.24
NEHALEM	88.53	88.58	2.24
NORTH SANTIAM	13.53	13.80	2.24
HILLSBORO-SILVERTON	21.85	21.87	2.24
NEHALEM	88.23	88.53	2.24
NEHALEM	89.29	90.26	2.24
NORTH SANTIAM	14.23	14.30	2.24
CASCADE HWY SOUTH	4.03	4.11	2.24
NEHALEM	88.53	88.54	2.24
CLACKAMAS-BORING	2.85	2.98	2.24
OLDS FERRY-ONTARIO	25.75	25.81	2.24
JACKSONVILLE	35.60	35.99	2.24
JACKSONVILLE	37.32	37.48	2.24
CLACKAMAS-BORING	2.51	2.61	2.24
OLDS FERRY-ONTARIO	25.45	25.50	2.24
JACKSONVILLE	35.39	35.56	2.24
INDEPENDENCE	4.88	5.17	2.24
JACKSONVILLE	36.00	36.20	2.24
KUEBLER CONN. NO. 2	251.35	251.59	2.21
UMATILLA-STANFIELD	11.45	11.47	2.21
PACIFIC	282.27	282.34	2.19
PACIFIC	283.21	283.41	2.19
PACIFIC	271.37	271.46	2.19
PACIFIC	289.66	289.80	2.19
PACIFIC	271.57	271.58	2.19
PACIFIC	291.39	291.46	2.19
PACIFIC	307.03	307.14	2.19
PACIFIC	289.75	289.79	2.19
PACIFIC	291.41	291.51	2.19
PACIFIC	253.53	253.54	2.19
PACIFIC	291.60	291.79	2.19
PACIFIC	282.04	282.27	2.19
PACIFIC	291.64	291.71	2.19
E HOOD RIVER CONN. NO. 2	64.07	64.42	2.19
	141.44	141.54	2.19
REED MARKET RD. CONN. NO 4	139.16	139.24	2.19
GREEN SPRINGS DR. CONN.	276.78	276.80	2.19
S KLAMATH FALLS CONN NO 2	276.94	276.97	2.19
	141.56	141.83	2.19
REED MARKET RD. CONN. NO 3	139.01	139.09	2.19
OREGON COAST	237.69	237.80	2.19
	141.54	141.56	2.19
S KLAMATH FALLS CONN NO 1	277.36	277.53	2.19
	141.88	141.90	2.19
REED MARKET RD. CONN. NO 3	139.26	139.28	2.19
REED MARKET RD. CONN. NO 1	139.17	139.26	2.19
	141.09	141.39	2.19
GREEN SPRINGS HWY CONN.	59.01	59.18	2.19

OREGON COAST	237.80	237.90	2.19
WILSON RIVER	2.44	2.53	2.19
PACIFIC HIGHWAY WEST	114.28	115.04	2.19
EAST PORTLAND FREEWAY	25.08	26.56	2.19
EAST PORTLAND FREEWAY	25.08	26.60	2.19
NORTH SANTIAM	4.04	4.09	2.19
WASHBURN WAY CONN. NO. 4	3.09	3.43	2.19
WASHBURN WAY CONN. NO. 3	2.80	3.14	2.19
WASHBURN WAY CONN. NO. 5	2.80	3.14	2.19
WASHBURN WAY CONN. NO. 1	2.50	2.85	2.19
GREEN SPRINGS	2.37	2.39	2.18
GREEN SPRINGS	58.11	58.21	2.18
GREEN SPRINGS	2.43	2.45	2.18
GREEN SPRINGS	3.16	4.47	2.18
GREEN SPRINGS	2.50	3.15	2.18
ROGUE VALLEY	23.65	23.80	2.18
ROGUE VALLEY	23.80	23.81	2.18
ROGUE VALLEY	23.81	24.11	2.18
ROGUE VALLEY	23.65	24.12	2.18
PACIFIC HIGHWAY EAST	27.61	27.66	2.18
PACIFIC HIGHWAY EAST	27.67	27.75	2.18
WHITNEY	49.52	49.91	2.18
PACIFIC HIGHWAY EAST	27.56	27.67	2.18
PACIFIC HIGHWAY EAST	27.49	27.61	2.18
PACIFIC HIGHWAY WEST	-5.98	-5.84	2.18
PACIFIC HIGHWAY EAST	40.40	40.49	2.18
PACIFIC HIGHWAY EAST	26.64	26.71	2.18
PACIFIC HIGHWAY EAST	26.73	26.79	2.18
PACIFIC HIGHWAY EAST	28.34	28.64	2.18
PACIFIC HIGHWAY WEST	-5.29	-5.00	2.18
PACIFIC HIGHWAY WEST	62.00	62.31	2.18
HILLSBORO-SILVERTON	39.71	40.12	2.18
HILLSBORO-SILVERTON	35.59	35.76	2.18
HISTORIC COLUMBIA RIVER	48.91	49.20	2.18
HISTORIC COLUMBIA RIVER	48.66	48.94	2.18
HILLSBORO-SILVERTON	0.85	1.39	2.18
HILLSBORO-SILVERTON	36.01	36.02	2.18
HISTORIC COLUMBIA RIVER	48.94	48.95	2.18
HISTORIC COLUMBIA RIVER	48.95	48.98	2.18
CAPE ARAGO	5.62	6.05	2.18
CAPE ARAGO	4.81	4.89	2.18
SPRINGFIELD-CRESWELL	13.86	14.17	2.18
CAPE ARAGO	6.29	6.34	2.18
SPRINGFIELD-CRESWELL	14.41	14.42	2.18
SPRINGFIELD-CRESWELL	14.22	14.36	2.18
INDEPENDENCE	4.87	4.88	2.18
CAPE ARAGO	5.49	5.58	2.18
SPRINGFIELD-CRESWELL	13.62	13.77	2.18
COLUMBIA RIVER	180.72	180.80	2.17
OREGON-WASHINGTON	0.98	0.99	2.17
CORVALLIS-NEWPORT	1.83	1.84	2.17
OREGON COAST	241.81	241.81	2.17
OREGON COAST	24.54	24.57	2.17
OREGON COAST	2.93	2.98	2.17
MCKENZIE	11.34	11.38	2.17
KLAMATH FALLS-MALIN	1.87	2.15	2.17
BELTLINE	6.76	7.26	2.17
BELTLINE	9.00	9.95	2.17
BELTLINE	7.16	7.18	2.17
BELTLINE	6.28	6.36	2.17
LA GRANDE-BAKER	0.20	0.24	2.17
BELTLINE	6.73	7.25	2.17
BELTLINE	8.99	9.99	2.17
BELTLINE	12.63	12.73	2.17
	5.22	5.70	2.17
BELTLINE	6.21	6.29	2.17
BELTLINE	12.64	12.73	2.17
WILLAMINA-SHERIDAN	5.22	5.33	2.17
HISTORIC COLUMBIA RIVER	2.21	3.95	2.17
WILLAMINA-SHERIDAN	1.56	1.84	2.17
HISTORIC COLUMBIA RIVER	4.27	5.78	2.17
HISTORIC COLUMBIA RIVER	51.26	52.47	2.17
HISTORIC COLUMBIA RIVER	0.93	1.63	2.17
WILLAMINA-SHERIDAN	5.37	5.46	2.17
HISTORIC COLUMBIA RIVER	0.53	0.65	2.17
NEHALEM	2.60	2.81	2.17
HISTORIC COLUMBIA RIVER	70.83	71.88	2.17

MIDLAND	1.80	2.14	2.17
CULVER	1.21	1.38	2.17
FREEWATER	3.14	3.18	2.17
EUGENE-SPRINGFIELD	8.19	8.62	2.17
GOSHEN-DIVIDE	13.75	13.86	2.17
CULVER	4.75	4.92	2.17
INDEPENDENCE	4.86	4.87	2.17
MIDLAND	1.69	1.78	2.17
EUGENE-SPRINGFIELD	6.92	7.46	2.17
CULVER	2.30	3.37	2.17
CULVER	1.39	2.27	2.17
MIDLAND	2.14	3.75	2.17
FORT STEVENS SPUR	5.18	5.21	2.17
GOSHEN-DIVIDE	6.83	7.98	2.17
OLDS FERRY-ONTARIO	25.13	25.14	2.17
N ALBANY CONN. NO. 3	234.11	234.27	2.16
REED MARKET RD. CONN. NO 3	139.35	139.38	2.16
REED MARKET RD. CONN. NO 5	139.34	139.37	2.16
S PENDLETON INTCHG. CONN.	211.65	211.72	2.16
REED MARKET RD. CONN. NO 5	139.40	139.44	2.16
REED MARKET RD. CONN. NO 5	139.38	139.38	2.16
REED MARKET RD. CONN. NO 2	139.11	139.13	2.16
THE DALLES-CALIF HWY CONN.	0.04	0.06	2.16
KLAMATH FALLS-LAKEVIEW	-0.04	0.00	2.16
THE DALLES-CALIF HWY CONN.	0.04	0.05	2.16
THE DALLES-CALIF HWY CONN.	0.13	0.19	2.16
KLAMATH FALLS-LAKEVIEW	-0.05	-0.04	2.16
KLAMATH FALLS-LAKEVIEW	-0.05	-0.04	2.16
CORVALLIS-NEWPORT	50.15	50.17	2.16
APPLEGATE CONN. NO. 1	49.92	49.95	2.16
MARINE DRIVE CONN. NO. 3	5.76	5.77	2.16
VANCOUVER AVE. CONN. NO. 2	4.55	4.62	2.16
VANCOUVER AVE. CONN. NO. 6	4.88	4.94	2.16
MARINE DRIVE CONN. NO. 2	5.77	5.78	2.16
VANCOUVER AVE. CONN. NO. 1	4.78	5.00	2.16
MARINE DRIVE CONN. NO. 1	5.77	5.86	2.16
VANCOUVER AVE. CONN. NO. 1	5.00	5.05	2.16
MARINE DRIVE CONN. NO. 4	5.90	5.91	2.16
MARINE DRIVE CONN. NO. 2	5.77	5.83	2.16
MARINE DRIVE CONN. NO. 1	5.77	5.78	2.16
	4.49	4.56	2.16
VANCOUVER AVE. CONN. NO. 4	4.52	4.55	2.16
MARINE DRIVE CONN. NO. 1	5.73	5.77	2.16
GOLF CLUB RD. CONN. NO. 2	11.53	11.72	2.16
GOLF CLUB RD. CONN. NO. 1	11.47	11.57	2.16
E HOOD RIVER CONN. NO. 2	64.52	64.53	2.15
E HOOD RIVER CONN. NO. 2	64.42	64.48	2.15
HELVETIA RD. CONN. NO. 2	61.05	61.17	2.15
LOWER COLUMBIA RIVER	47.16	47.24	2.15
PACIFIC	260.39	260.66	2.14
PACIFIC	135.72	136.24	2.14
PACIFIC	119.86	119.99	2.14
PACIFIC	282.59	282.65	2.14
PACIFIC	234.21	234.21	2.14
PACIFIC	195.43	195.44	2.14
PACIFIC	195.46	195.53	2.14
PACIFIC	285.33	285.87	2.14
PACIFIC	306.56	306.71	2.14
PACIFIC	192.67	192.75	2.14
PACIFIC	234.09	234.11	2.14
PACIFIC	271.55	271.60	2.14
PACIFIC	199.25	199.54	2.14
PACIFIC	174.74	174.75	2.14
PACIFIC	40.67	40.84	2.14
PACIFIC	260.25	260.39	2.14
PACIFIC	282.86	283.01	2.14
PACIFIC	258.92	258.94	2.14
PACIFIC	174.18	174.74	2.14
PACIFIC	234.10	234.18	2.14
PACIFIC	283.36	283.50	2.14
PACIFIC	286.20	286.22	2.14
PACIFIC	285.28	285.77	2.14
PACIFIC	260.66	260.76	2.14
PACIFIC	306.89	307.05	2.14
PACIFIC	190.32	190.48	2.14
PACIFIC	306.70	306.89	2.14
PACIFIC	103.95	104.10	2.14

PACIFIC	272.36	272.50	2.14
PACIFIC	285.82	286.02	2.14
PACIFIC	130.63	131.47	2.14
PACIFIC	103.67	103.76	2.14
PACIFIC	199.65	199.84	2.14
PACIFIC	134.98	135.15	2.14
PACIFIC	190.33	190.48	2.14
PACIFIC	119.85	120.13	2.14
PACIFIC	286.18	286.45	2.14
PACIFIC	104.01	104.11	2.14
PACIFIC	195.53	195.56	2.14
PACIFIC	195.84	195.88	2.14
PACIFIC	129.79	129.82	2.14
PACIFIC	195.44	195.45	2.14
PACIFIC	130.64	131.47	2.14
PACIFIC	195.43	195.44	2.14
PACIFIC	307.37	307.37	2.14
PACIFIC	174.78	174.99	2.14
PACIFIC	282.57	282.60	2.14
PACIFIC	122.76	122.80	2.14
PACIFIC	272.12	272.27	2.14
PACIFIC	134.97	135.14	2.14
PACIFIC	122.73	122.76	2.14
PACIFIC	126.19	126.24	2.14
PACIFIC	234.15	234.15	2.14
PACIFIC	306.86	306.97	2.14
PACIFIC	195.44	195.46	2.14
PACIFIC	195.34	195.39	2.14
PACIFIC	197.27	197.29	2.14
PACIFIC	197.68	197.83	2.14
PACIFIC	129.70	129.81	2.14
PACIFIC	192.70	192.79	2.14
PACIFIC	195.39	195.42	2.14
PACIFIC	174.75	174.95	2.14
PACIFIC	41.02	41.02	2.14
PACIFIC	307.34	307.42	2.14
PACIFIC	199.20	199.38	2.14
PACIFIC	282.66	282.91	2.14
PACIFIC	197.31	197.70	2.14
PACIFIC	272.11	272.45	2.14
PACIFIC	306.68	306.70	2.14
PACIFIC	27.27	27.44	2.14
PACIFIC	103.76	103.95	2.14
PACIFIC	195.86	195.94	2.14
PACIFIC	260.57	260.76	2.14
PACIFIC	307.18	307.33	2.14
PACIFIC	199.58	199.85	2.14
PACIFIC	120.13	120.22	2.14
PACIFIC	190.59	190.66	2.14
PACIFIC	195.45	195.53	2.14
PACIFIC	135.72	136.24	2.14
PACIFIC	40.97	41.00	2.14
PACIFIC	40.83	40.97	2.14
PACIFIC	272.09	272.11	2.14
PACIFIC	192.66	192.67	2.14
PACIFIC	234.15	234.21	2.14
PACIFIC	271.60	271.68	2.14
PACIFIC	307.37	307.40	2.14
PACIFIC	258.96	258.97	2.14
PACIFIC	129.70	129.79	2.14
PACIFIC	234.19	234.24	2.14
PACIFIC	282.56	282.59	2.14
PACIFIC	122.70	122.77	2.14
PACIFIC	192.58	192.66	2.14
PACIFIC	260.27	260.57	2.14
PACIFIC	127.78	128.29	2.14
PACIFIC	192.69	192.70	2.14
PACIFIC	197.30	197.31	2.14
PACIFIC	174.19	174.75	2.14
PACIFIC	195.45	195.45	2.14
PACIFIC	197.70	197.85	2.14
PACIFIC	306.97	306.98	2.14
PACIFIC	199.38	199.55	2.14
PACIFIC	234.24	234.27	2.14
PACIFIC	234.18	234.19	2.14
PACIFIC	306.70	306.70	2.14
PACIFIC	182.90	182.93	2.14

PACIFIC	103.95	104.01	2.14
PACIFIC	271.99	272.11	2.14
PACIFIC	306.70	306.70	2.14
PACIFIC	282.60	282.66	2.14
PACIFIC	307.33	307.34	2.14
PACIFIC	40.68	40.83	2.14
PACIFIC	182.84	182.91	2.14
PACIFIC	234.11	234.15	2.14
PACIFIC	197.29	197.68	2.14
PACIFIC	126.13	126.23	2.14
PACIFIC	103.72	103.95	2.14
PACIFIC	307.24	307.37	2.14
PACIFIC	306.71	306.86	2.14
PACIFIC	286.16	286.22	2.14
PACIFIC	174.75	174.78	2.14
PACIFIC	190.59	190.66	2.14
PACIFIC	119.99	120.23	2.14
PACIFIC	195.46	195.46	2.14
PACIFIC	127.77	128.26	2.14
PACIFIC	286.15	286.18	2.14
PACIFIC	135.15	135.32	2.14
PACIFIC	282.91	283.07	2.14
PACIFIC	306.55	306.67	2.14
PACIFIC	192.61	192.69	2.14
PACIFIC	27.25	27.42	2.14
PACIFIC	282.65	282.86	2.14
PACIFIC	126.14	126.19	2.14
PACIFIC	40.84	41.02	2.14
PACIFIC	285.88	286.16	2.14
PACIFIC	135.14	135.31	2.14
PACIFIC	199.54	199.56	2.14
BREWERY GRADE CONN. NO. 2	85.62	85.70	2.14
COLUMBIA RIVER	64.11	64.22	2.14
	272.11	272.12	2.14
SWIFT UNION CONN. NO. 1	306.70	306.70	2.14
COLUMBIA RIVER	13.26	13.28	2.14
SWIFT UNION CONN. NO. 1	306.70	306.70	2.14
	272.11	272.12	2.14
COLUMBIA RIVER	64.12	64.23	2.14
COLUMBIA RIVER	62.34	62.75	2.14
COLUMBIA RIVER	16.90	17.22	2.14
COLUMBIA RIVER	13.20	13.27	2.14
COLUMBIA RIVER	13.21	13.26	2.14
COLUMBIA RIVER	16.78	16.90	2.14
COLUMBIA RIVER	64.09	64.11	2.14
COLUMBIA RIVER	62.36	62.73	2.14
OLD OREGON TRAIL	210.80	210.94	2.14
THE DALLES-CALIFORNIA	92.08	92.15	2.14
EMPIRE AVE. CONN. NO. 1	135.48	135.50	2.14
OLD OREGON TRAIL	210.98	211.08	2.14
COLORADO AVE. CONN. NO. 2	138.14	138.16	2.14
207TH AVE. INTCHG. CONN. 2	14.44	14.51	2.14
OLD OREGON TRAIL	376.74	376.78	2.14
REVERE AVE. CONN. NO. 3	137.12	137.15	2.14
OLD OREGON TRAIL	376.78	376.97	2.14
IDAHO AVE. CONN. NO. 2	376.64	376.65	2.14
THE DALLES-CALIFORNIA	92.08	92.14	2.14
OLD OREGON TRAIL	210.94	211.03	2.14
REVERE AVE. CONN. NO. 3	137.11	137.12	2.14
OLD OREGON TRAIL	376.97	376.97	2.14
OLD OREGON TRAIL	375.93	376.26	2.14
OLD OREGON TRAIL	210.82	210.98	2.14
EMPIRE AVE. CONN. NO. 1	135.50	135.51	2.14
IDAHO AVE. CONN. NO. 2	376.64	376.65	2.14
COLORADO AVE. CONN. NO. 1	138.15	138.25	2.14
COLORADO AVE. CONN. NO. 4	138.15	138.15	2.14
OLD OREGON TRAIL	376.64	376.75	2.14
COLORADO AVE. CONN. NO. 1	138.13	138.15	2.14
UMATILLA-STANFIELD INTCHG.	184.81	184.91	2.14
OLD OREGON TRAIL	376.54	376.64	2.14
OLD OREGON TRAIL	376.55	376.74	2.14
EMPIRE AVE. CONN. NO. 3	135.76	135.86	2.14
OLD OREGON TRAIL	376.98	376.98	2.14
OLD OREGON TRAIL	375.96	376.21	2.14
OLD OREGON TRAIL	376.64	376.65	2.14
OLD OREGON TRAIL	376.75	376.98	2.14
CRATER LAKE AVE FRONT. RD.	2.62	2.76	2.14

PENDLETON-JOHN DAY	1.69	1.69	2.14
PENDLETON-JOHN DAY	1.59	1.60	2.14
MCKENZIE	111.68	111.74	2.14
CRATER LAKE AVE FRONT. RD.	4.98	5.38	2.14
MCKENZIE	111.89	112.03	2.14
3RD ST. CONN. NO. 2	19.96	19.99	2.14
PENDLETON-JOHN DAY	1.57	1.57	2.14
MCKENZIE	111.45	111.59	2.14
CRATER LAKE AVE FRONT. RD.	4.26	4.72	2.14
CRATER LAKE AVE FRONT. RD.	2.89	2.98	2.14
CRATER LAKE AVE FRONT. RD.	3.00	3.92	2.14
PENDLETON-JOHN DAY	1.52	1.57	2.14
MCKENZIE	111.92	112.07	2.14
WALLOWA LAKE	2.59	2.61	2.14
PENDLETON-JOHN DAY	1.61	1.63	2.14
3RD ST. CONN. NO. 1	19.89	19.95	2.14
SUNSET	61.35	61.58	2.14
SHERIDAN CONN. NO. 4	32.38	32.71	2.14
UMATILLA-STANFIELD	12.62	12.62	2.14
SUNSET	63.20	63.31	2.14
SUNSET	61.23	61.35	2.14
MONMOUTH-INDEPENDENCE	0.47	0.78	2.14
OCHOCO	19.75	20.00	2.14
UMATILLA-STANFIELD	12.44	12.46	2.14
SUNSET	61.26	61.56	2.14
SUNSET	63.20	63.37	2.14
SALEM-DAYTON HWY CONN.	51.31	51.35	2.14
SUNSET	61.20	61.26	2.14
OCHOCO	19.29	19.75	2.14
SHERIDAN CONN. NO. 3	32.60	32.77	2.14
SHERIDAN CONN. NO. 1	32.60	32.81	2.14
SHERIDAN CONN. NO. 2	32.59	32.78	2.14
PENDLETON	5.56	5.56	2.14
	0.26	0.36	2.14
EAST PORTLAND FREEWAY	12.26	12.32	2.14
WEST FRONTAGE RD.	-5.73	-5.68	2.14
EAST PORTLAND FREEWAY	7.10	7.45	2.14
WEST FRONTAGE RD.	-5.82	-5.81	2.14
	9.88	9.95	2.14
PACIFIC HIGHWAY WEST	25.40	25.61	2.14
MCNARY	1.02	1.21	2.14
EAST PORTLAND FREEWAY	7.05	7.45	2.14
WEST FRONTAGE RD.	-5.68	-5.51	2.14
EAST PORTLAND FREEWAY	5.57	5.86	2.14
BELTLINE	12.97	13.00	2.14
EAST PORTLAND FREEWAY	12.28	12.29	2.14
	9.98	10.07	2.14
	-0.10	-0.01	2.14
EAST PORTLAND FREEWAY	5.59	5.87	2.14
PACIFIC HWY CONN. NO. 4	12.77	12.78	2.14
MCNARY	0.89	1.02	2.14
WEST FRONTAGE RD.	-5.81	-5.78	2.14
WEST FRONTAGE RD.	-5.78	-5.73	2.14
EAST PORTLAND FREEWAY	12.29	12.33	2.14
PACIFIC HIGHWAY WEST	25.65	25.85	2.14
	9.95	9.98	2.14
WEST FRONTAGE RD.	-5.42	-5.31	2.14
PACIFIC HIGHWAY WEST	25.35	25.40	2.14
E. ELLIGSEN RD-PACIFIC HWY	13.12	13.15	2.14
NEHALEM	88.59	88.61	2.14
DAYTON CONN. NO. 1	0.08	0.09	2.14
BEAVERTON-TIGARD	4.17	4.28	2.14
BEAVERTON-TIGARD	4.17	4.25	2.14
STAYTON-SUBLIMITY CONN. 2	13.26	13.50	2.14
E. ELLIGSEN RD-PACIFIC HWY	13.12	13.15	2.14
STAYTON-SUBLIMITY CONN. 1	12.91	13.26	2.14
DAYTON CONN. NO. 1	0.08	0.09	2.14
EUGENE-SPRINGFIELD	6.78	6.92	2.14
LAKE RD. CONN. NO. 3	3.96	4.26	2.14
KUEBLER CONN. NO. 2	251.30	251.34	2.13
N REDMOND INTCHGE. CONN. 4	119.43	119.45	2.13
S PENDLETON CONN. NO. 2	1.65	1.81	2.13
J. JARL FRONTAGE RD. CONNS	22.15	22.17	2.13
JACKSON SCHOOL RD. CONN. 2	58.68	58.83	2.13
	60.45	60.73	2.13
LAFAYETTE HWY CONN. NO. 1	49.89	49.92	2.13
	61.10	61.33	2.13

JACKSON SCHOOL RD. CONN. 4	59.02	59.31	2.13
	61.07	61.10	2.13
MISSION RD. CONN. NO. 1	5.15	5.36	2.13
MISSION RD. CONN. NO. 2	5.14	5.37	2.13
MAPLETON-JCT CITY HWY CONN	111.22	111.30	2.13
JOSEPH ST. CONN. NO. 4	4.97	5.21	2.13
LEWIS & CLARK BR CONN NO 1	48.44	48.59	2.13
GOLF CLUB RD. CONN. NO. 4	11.73	11.80	2.13
LEWIS & CLARK BR CONN NO 6	48.46	48.47	2.13
STAYTON-SUBLIMITY CONN. 4	12.76	12.95	2.13
LEWIS & CLARK BR CONN NO 6	48.36	48.36	2.13
HISTORIC COLUMBIA RIVER	51.08	51.26	2.13
LEWIS & CLARK BR CONN NO 1	48.59	48.60	2.13
STAYTON-SUBLIMITY CONN. 3	13.54	13.94	2.13
LEWIS & CLARK BR CONN NO 3	48.74	48.92	2.13
LEWIS & CLARK BR CONN NO 5	48.95	48.98	2.13
LEWIS & CLARK BR CONN NO 2	48.59	48.63	2.13
LEWIS & CLARK BR CONN NO 6	48.37	48.39	2.13
LEWIS & CLARK BR CONN NO 4	48.66	48.70	2.13
LEWIS & CLARK BR CONN NO 3	48.73	48.74	2.13
JOSEPH ST. CONN. NO. 1	5.19	5.43	2.13
FORT STEVENS	2.65	2.66	2.13
SILVER CREEK FALLS	39.10	39.11	2.13
SILVER CREEK FALLS HWY 1	7.00	7.28	2.13
SILVER CR. FALLS CONN NO 3	8.96	9.18	2.13
LEWIS & CLARK BR CONN NO 6	48.33	48.36	2.13
LEWIS & CLARK BR CONN NO 2	48.69	48.71	2.13
LEWIS & CLARK BR CONN NO 6	48.36	48.37	2.13
LEWIS & CLARK BR CONN NO 4	48.71	48.84	2.13
JOSEPH ST. CONN. NO. 2	5.43	5.69	2.13
LEWIS & CLARK BR CONN NO 5	49.03	49.08	2.13
LEWIS & CLARK BR CONN NO 3	48.67	48.71	2.13
JOSEPH ST. CONN. NO. 3	5.75	6.05	2.13
NEHALEM	90.30	90.33	2.13
LEWIS & CLARK BR CONN NO 1	48.62	48.67	2.13
FORT STEVENS	2.67	2.75	2.13
ALBANY-JCT. CITY HWY. # 2	7.71	7.72	2.13
MT. HOOD HWY CONN. NO. 2	8.59	8.83	2.13
WASHBURN WAY CONN. NO. 2	2.70	2.91	2.13
PACIFIC	305.94	306.16	2.12
PACIFIC	263.45	263.46	2.12
PACIFIC	55.78	56.27	2.12
PACIFIC	251.07	251.41	2.12
PACIFIC	233.41	233.59	2.12
PACIFIC	23.53	24.14	2.12
PACIFIC	124.32	124.87	2.12
PACIFIC	33.79	34.46	2.12
PACIFIC	30.55	31.82	2.12
PACIFIC	259.96	260.11	2.12
PACIFIC	263.76	263.86	2.12
PACIFIC	13.13	13.96	2.12
PACIFIC	253.65	253.83	2.12
PACIFIC	248.58	249.00	2.12
PACIFIC	170.87	172.28	2.12
PACIFIC	188.24	188.30	2.12
PACIFIC	170.88	172.30	2.12
PACIFIC	55.79	56.28	2.12
PACIFIC	32.29	32.39	2.12
PACIFIC	259.98	259.99	2.12
PACIFIC	24.71	24.99	2.12
PACIFIC	255.01	255.34	2.12
PACIFIC	254.22	254.42	2.12
PACIFIC	136.63	137.59	2.12
PACIFIC	57.88	57.94	2.12
PACIFIC	55.74	55.78	2.12
PACIFIC	301.02	301.06	2.12
PACIFIC	288.21	288.54	2.12
PACIFIC	49.01	49.61	2.12
PACIFIC	57.87	57.93	2.12
PACIFIC	195.15	195.15	2.12
PACIFIC	187.41	187.95	2.12
PACIFIC	263.46	263.69	2.12
PACIFIC	288.54	288.55	2.12
PACIFIC	56.30	57.70	2.12
PACIFIC	33.85	34.48	2.12
PACIFIC	194.19	194.23	2.12
PACIFIC	253.94	254.22	2.12

PACIFIC	192.01	192.09	2.12
PACIFIC	173.41	173.51	2.12
PACIFIC	194.65	195.15	2.12
PACIFIC	193.03	193.26	2.12
PACIFIC	191.74	191.98	2.12
PACIFIC	187.45	188.05	2.12
PACIFIC	263.40	263.49	2.12
PACIFIC	61.52	62.60	2.12
PACIFIC	48.37	48.52	2.12
PACIFIC	194.03	194.19	2.12
PACIFIC	250.00	251.14	2.12
PACIFIC	129.06	129.32	2.12
PACIFIC	173.10	173.41	2.12
PACIFIC	48.51	48.71	2.12
PACIFIC	24.45	24.70	2.12
PACIFIC	288.53	288.73	2.12
PACIFIC	256.61	256.67	2.12
PACIFIC	62.52	63.11	2.12
PACIFIC	288.55	288.78	2.12
PACIFIC	14.90	16.37	2.12
PACIFIC	258.55	258.59	2.12
PACIFIC	188.32	188.34	2.12
PACIFIC	188.85	189.54	2.12
PACIFIC	57.93	57.93	2.12
PACIFIC	305.93	306.17	2.12
PACIFIC	14.41	14.77	2.12
PACIFIC	253.83	253.89	2.12
PACIFIC	232.87	232.91	2.12
PACIFIC	26.87	27.20	2.12
PACIFIC	256.62	257.28	2.12
PACIFIC	193.95	194.03	2.12
PACIFIC	187.95	188.09	2.12
PACIFIC	56.30	57.68	2.12
PACIFIC	248.41	248.62	2.12
PACIFIC	193.91	193.95	2.12
PACIFIC	136.45	136.47	2.12
PACIFIC	301.06	301.09	2.12
PACIFIC	24.70	24.98	2.12
PACIFIC	119.75	119.78	2.12
PACIFIC	119.52	119.65	2.12
JUDKINS POINT CONN. NO. 3	192.05	192.05	2.12
PACIFIC	30.60	31.80	2.12
PACIFIC	27.23	27.24	2.12
PACIFIC	16.58	17.75	2.12
PACIFIC	259.00	259.03	2.12
PACIFIC	249.97	251.07	2.12
PACIFIC	188.34	188.35	2.12
PACIFIC	41.67	42.65	2.12
PACIFIC	289.31	289.50	2.12
PACIFIC	263.49	263.76	2.12
PACIFIC	14.96	16.38	2.12
PACIFIC	248.62	248.94	2.12
PACIFIC	194.76	195.02	2.12
PACIFIC	188.81	188.83	2.12
PACIFIC	172.51	172.72	2.12
PACIFIC	259.69	259.95	2.12
PACIFIC	195.02	195.30	2.12
PACIFIC	189.54	189.64	2.12
PACIFIC	124.46	124.80	2.12
PACIFIC	41.13	41.39	2.12
PACIFIC	58.66	59.36	2.12
PACIFIC	256.67	257.28	2.12
PACIFIC	13.96	14.17	2.12
PACIFIC	191.76	191.98	2.12
PACIFIC	188.34	188.39	2.12
PACIFIC	30.40	30.60	2.12
PACIFIC	26.91	27.23	2.12
PACIFIC	58.67	59.36	2.12
PACIFIC	41.72	42.69	2.12
PACIFIC	263.69	263.72	2.12
PACIFIC	248.94	248.96	2.12
PACIFIC	253.68	253.87	2.12
PACIFIC	124.87	124.93	2.12
PACIFIC	119.65	119.77	2.12
PACIFIC	301.05	301.07	2.12
PACIFIC	30.38	30.55	2.12
PACIFIC	233.42	233.59	2.12

PACIFIC	194.03	194.05	2.12
PACIFIC	288.50	288.53	2.12
PACIFIC	255.78	255.95	2.12
PACIFIC	253.89	254.23	2.12
PACIFIC	253.87	253.94	2.12
PACIFIC	172.48	172.70	2.12
PACIFIC	24.44	24.45	2.12
PACIFIC	23.51	24.14	2.12
PACIFIC	232.94	232.94	2.12
PACIFIC	248.44	248.58	2.12
PACIFIC	193.07	193.31	2.12
PACIFIC	173.61	173.93	2.12
PACIFIC	63.11	63.71	2.12
PACIFIC	261.49	262.54	2.12
PACIFIC	289.48	289.51	2.12
PACIFIC	191.98	192.01	2.12
PACIFIC	188.05	188.11	2.12
JUDKINS POINT CONN. NO. 3	192.05	192.05	2.12
PACIFIC	255.00	255.35	2.12
PACIFIC	232.89	232.94	2.12
PACIFIC	251.14	251.42	2.12
PACIFIC	17.72	17.75	2.12
PACIFIC	173.61	173.91	2.12
PACIFIC	123.80	123.88	2.12
PACIFIC	61.71	62.52	2.12
PACIFIC	258.99	259.00	2.12
PACIFIC	13.09	13.93	2.12
PACIFIC	258.53	258.55	2.12
PACIFIC	188.86	188.93	2.12
PACIFIC	14.17	14.42	2.12
PACIFIC	24.43	24.45	2.12
PACIFIC	259.03	259.69	2.12
PACIFIC	188.93	189.62	2.12
PACIFIC	181.92	182.68	2.12
PACIFIC	136.71	137.60	2.12
PACIFIC	104.66	104.78	2.12
PACIFIC	61.54	61.71	2.12
PACIFIC	259.99	260.11	2.12
PACIFIC	24.45	24.71	2.12
PACIFIC	195.32	195.32	2.12
PACIFIC	118.32	119.30	2.12
PACIFIC	124.39	124.46	2.12
PACIFIC	188.31	188.34	2.12
PACIFIC	123.27	123.80	2.12
PACIFIC	62.60	63.17	2.12
PACIFIC	48.52	48.71	2.12
PACIFIC	191.98	192.05	2.12
PACIFIC	173.08	173.39	2.12
PACIFIC	305.93	305.94	2.12
PACIFIC	301.09	301.14	2.12
PACIFIC	261.50	262.60	2.12
PACIFIC	27.24	27.24	2.12
PACIFIC	259.95	259.96	2.12
PACIFIC	248.22	248.44	2.12
PACIFIC	48.92	49.01	2.12
PACIFIC	41.15	41.41	2.12
PACIFIC	24.14	24.43	2.12
PACIFIC	258.99	259.00	2.12
PACIFIC	192.05	192.09	2.12
PACIFIC	188.30	188.31	2.12
PACIFIC	182.57	182.72	2.12
PACIFIC	289.50	289.67	2.12
PACIFIC	14.16	14.41	2.12
PACIFIC	16.62	17.72	2.12
PACIFIC	251.07	251.08	2.12
PACIFIC	233.59	233.61	2.12
PACIFIC	119.30	119.52	2.12
PACIFIC	136.65	136.71	2.12
PACIFIC	49.03	49.63	2.12
PACIFIC	191.54	191.74	2.12
PACIFIC	124.80	125.00	2.12
PACIFIC	55.52	55.79	2.12
PACIFIC	24.14	24.44	2.12
PACIFIC	259.19	259.70	2.12
PACIFIC	255.90	256.06	2.12
PACIFIC	194.05	194.26	2.12
PACIFIC	188.83	188.85	2.12

PACIFIC	104.67	104.77	2.12
PACIFIC	48.95	49.03	2.12
PACIFIC	258.47	258.56	2.12
PACIFIC	255.95	256.07	2.12
PACIFIC	25.97	26.87	2.12
PACIFIC	255.79	255.90	2.12
PACIFIC	188.35	188.47	2.12
PACIFIC	173.39	173.46	2.12
PACIFIC	129.11	129.35	2.12
PACIFIC	32.26	32.38	2.12
PACIFIC	55.53	55.74	2.12
PACIFIC	195.15	195.35	2.12
PACIFIC	194.68	194.69	2.12
PACIFIC	123.27	123.86	2.12
PACIFIC	248.94	248.96	2.12
PACIFIC	191.56	191.76	2.12
PACIFIC	119.52	119.75	2.12
PACIFIC	118.30	119.52	2.12
PACIFIC	48.38	48.51	2.12
PACIFIC	25.96	26.91	2.12
PACIFIC	13.93	14.16	2.12
PACIFIC	289.28	289.48	2.12
PACIFIC	193.94	194.03	2.12
PACIFIC	181.94	182.57	2.12
PACIFIC	287.93	288.50	2.12
PACIFIC	259.70	259.98	2.12
PACIFIC	14.42	14.77	2.12
PACIFIC	256.61	256.62	2.12
PACIFIC	192.05	192.05	2.12
COLUMBIA RIVER	81.90	82.07	2.12
COLUMBIA RIVER	9.70	9.86	2.12
COLUMBIA RIVER	85.20	85.30	2.12
COLUMBIA RIVER	84.24	84.74	2.12
COLUMBIA RIVER	63.03	63.72	2.12
COLUMBIA RIVER	63.02	63.03	2.12
COLUMBIA RIVER	17.85	18.06	2.12
COLUMBIA RIVER	10.28	10.45	2.12
COLUMBIA RIVER HWY CONN. 7	302.28	302.28	2.12
	251.06	251.07	2.12
COLUMBIA RIVER	13.64	14.17	2.12
COLUMBIA RIVER	17.84	17.85	2.12
COLUMBIA RIVER	85.51	85.70	2.12
COLUMBIA RIVER	85.51	85.70	2.12
COLUMBIA RIVER	85.30	85.51	2.12
COLUMBIA RIVER	82.31	82.94	2.12
COLUMBIA RIVER	12.71	12.78	2.12
COLUMBIA RIVER	10.26	10.32	2.12
COLUMBIA RIVER	9.85	9.87	2.12
COLUMBIA RIVER	85.28	85.51	2.12
COLUMBIA RIVER	14.41	14.55	2.12
COLUMBIA RIVER	7.02	7.22	2.12
COLUMBIA RIVER	81.92	82.09	2.12
COLUMBIA RIVER	17.67	17.84	2.12
COLUMBIA RIVER	14.36	14.41	2.12
COLUMBIA RIVER HWY CONN. 7	302.28	302.33	2.12
COLUMBIA RIVER	18.06	18.07	2.12
COLUMBIA RIVER	85.21	85.28	2.12
COLUMBIA RIVER	17.82	17.89	2.12
COLUMBIA RIVER	16.52	16.55	2.12
COLUMBIA RIVER	83.45	83.67	2.12
COLUMBIA RIVER	82.07	82.32	2.12
COLUMBIA RIVER	17.89	18.07	2.12
COLUMBIA RIVER	82.09	82.31	2.12
COLUMBIA RIVER	13.65	14.36	2.12
COLUMBIA RIVER	11.66	12.73	2.12
COLUMBIA RIVER	63.70	63.76	2.12
COLUMBIA RIVER	16.53	16.54	2.12
COLUMBIA RIVER	63.72	63.74	2.12
COLUMBIA RIVER	14.42	14.66	2.12
COLUMBIA RIVER	83.67	83.96	2.12
COLUMBIA RIVER	83.96	84.74	2.12
COLUMBIA RIVER	83.47	84.24	2.12
COLUMBIA RIVER	7.11	7.12	2.12
	251.06	251.07	2.12
COLUMBIA RIVER	7.02	7.11	2.12
COLUMBIA RIVER	17.62	17.82	2.12
COLUMBIA RIVER	12.73	12.79	2.12

COLUMBIA RIVER	63.03	63.70	2.12
COLUMBIA RIVER	16.26	16.27	2.12
COLUMBIA RIVER	14.17	14.42	2.12
COLUMBIA RIVER	11.65	12.71	2.12
COLUMBIA RIVER	82.32	82.93	2.12
OLD OREGON TRAIL	209.53	209.81	2.12
OLD OREGON TRAIL	304.60	304.93	2.12
OLD OREGON TRAIL	262.23	262.49	2.12
OLD OREGON TRAIL	209.53	210.61	2.12
OLD OREGON TRAIL	302.66	302.71	2.12
OLD OREGON TRAIL	208.50	209.17	2.12
OLD OREGON TRAIL	302.94	303.80	2.12
OLD OREGON TRAIL	303.80	304.04	2.12
OLD OREGON TRAIL	374.99	375.43	2.12
OLD OREGON TRAIL	302.71	302.98	2.12
OLD OREGON TRAIL	303.88	303.98	2.12
OLD OREGON TRAIL	375.01	375.44	2.12
OLD OREGON TRAIL	262.61	263.29	2.12
OLD OREGON TRAIL	302.66	302.71	2.12
OLD OREGON TRAIL	260.15	261.85	2.12
OLD OREGON TRAIL	209.49	209.53	2.12
OLD OREGON TRAIL	209.36	209.53	2.12
OLD OREGON TRAIL	262.59	263.20	2.12
OLD OREGON TRAIL	261.84	261.85	2.12
OLD OREGON TRAIL	261.85	261.88	2.12
OLD OREGON TRAIL	375.84	375.89	2.12
OLD OREGON TRAIL	302.71	302.94	2.12
OLD OREGON TRAIL	259.98	261.84	2.12
OLD OREGON TRAIL	209.17	209.18	2.12
OLD OREGON TRAIL	302.98	303.88	2.12
OLD OREGON TRAIL	261.85	262.21	2.12
OLD OREGON TRAIL	304.46	304.90	2.12
OLD OREGON TRAIL	262.21	262.59	2.12
OLD OREGON TRAIL	304.48	304.60	2.12
OLD OREGON TRAIL	209.34	209.49	2.12
OLD OREGON TRAIL	209.81	210.62	2.12
THE DALLES-CALIFORNIA	115.05	115.18	2.12
OLD OREGON TRAIL	375.83	375.87	2.12
OLD OREGON TRAIL	261.88	262.23	2.12
OLD OREGON TRAIL	208.55	209.36	2.12
CRATER LAKE AVE FRONT. RD.	2.02	2.09	2.12
JEFFERSON ST. CONN. NO. 1	72.97	73.00	2.12
SUNSET	62.70	63.19	2.12
SUNSET	63.43	63.44	2.12
SUNSET	72.60	72.63	2.12
SUNSET	66.33	66.84	2.12
SUNSET	72.88	72.97	2.12
SUNSET	72.97	73.00	2.12
SUNSET	66.84	66.90	2.12
SALMON RIVER	58.06	58.17	2.12
SUNSET	62.50	62.83	2.12
SUNSET	62.83	63.17	2.12
SUNSET	63.40	63.44	2.12
SALMON RIVER	58.65	59.10	2.12
SUNSET	72.03	72.12	2.12
SUNSET	71.64	72.03	2.12
SUNSET	72.31	72.33	2.12
SUNSET	62.07	62.44	2.12
JEFFERSON ST. CONN. NO. 1	72.97	73.00	2.12
SUNSET	62.49	62.70	2.12
JEFFERSON ST. CONN. NO. 1	72.97	73.14	2.12
SUNSET	61.59	62.12	2.12
SUNSET	70.12	70.47	2.12
SUNSET	62.45	62.50	2.12
SUNSET	72.97	73.00	2.12
SUNSET	70.03	70.48	2.12
SALMON RIVER	55.80	56.97	2.12
SUNSET	62.44	62.49	2.12
SUNSET	72.97	73.00	2.12
SUNSET	61.60	62.07	2.12
SUNSET	72.97	73.17	2.12
JEFFERSON ST. CONN. NO. 1	72.97	73.00	2.12
SUNSET	66.30	66.90	2.12
SUNSET	62.12	62.45	2.12
SUNSET	72.20	72.31	2.12
EAST PORTLAND FREEWAY	11.09	11.23	2.12
EAST PORTLAND FREEWAY	0.29	0.49	2.12

EAST PORTLAND FREEWAY	2.86	3.16	2.12
EAST PORTLAND FREEWAY	7.95	8.32	2.12
EAST PORTLAND FREEWAY	7.60	8.36	2.12
EAST PORTLAND FREEWAY	11.13	11.73	2.12
EAST PORTLAND FREEWAY	3.43	3.71	2.12
EAST PORTLAND FREEWAY	22.89	22.93	2.12
EAST PORTLAND FREEWAY	24.74	24.92	2.12
EAST PORTLAND FREEWAY	0.51	0.52	2.12
EAST PORTLAND FREEWAY	14.05	14.09	2.12
EAST PORTLAND FREEWAY	13.71	13.95	2.12
EAST PORTLAND FREEWAY	16.66	16.79	2.12
EAST PORTLAND FREEWAY	17.49	17.55	2.12
EAST PORTLAND FREEWAY	0.52	0.60	2.12
EAST PORTLAND FREEWAY	16.66	16.80	2.12
EAST PORTLAND FREEWAY	24.90	24.92	2.12
EAST PORTLAND FREEWAY	17.51	17.52	2.12
AIRPORT WAY CONN. NO. 4	24.90	24.92	2.12
EAST PORTLAND FREEWAY	2.86	3.15	2.12
EAST PORTLAND FREEWAY	18.36	18.37	2.12
PACIFIC HIGHWAY WEST	74.96	74.97	2.12
EAST PORTLAND FREEWAY	23.82	23.96	2.12
EAST PORTLAND FREEWAY	10.19	10.22	2.12
EAST PORTLAND FREEWAY	21.91	21.94	2.12
MCNARY	1.23	1.28	2.12
EAST PORTLAND FREEWAY	19.87	19.88	2.12
EAST PORTLAND FREEWAY	1.30	2.86	2.12
EAST PORTLAND FREEWAY	24.73	24.97	2.12
EAST PORTLAND FREEWAY	23.81	23.98	2.12
EAST PORTLAND FREEWAY	17.34	17.51	2.12
EAST PORTLAND FREEWAY	3.16	3.55	2.12
EAST PORTLAND FREEWAY	22.91	22.97	2.12
	12.92	12.92	2.12
EAST PORTLAND FREEWAY	1.37	2.86	2.12
EAST PORTLAND FREEWAY	0.49	0.51	2.12
EAST PORTLAND FREEWAY	13.95	14.03	2.12
MCNARY	1.28	1.86	2.12
EAST PORTLAND FREEWAY	11.09	11.13	2.12
EAST PORTLAND FREEWAY	0.15	0.58	2.12
EAST PORTLAND FREEWAY	19.86	20.02	2.12
EAST PORTLAND FREEWAY	3.55	3.73	2.12
EAST PORTLAND FREEWAY	17.36	17.49	2.12
EAST PORTLAND FREEWAY	10.20	10.21	2.12
EAST PORTLAND FREEWAY	23.96	23.99	2.12
EAST PORTLAND FREEWAY	11.23	11.74	2.12
EAST PORTLAND FREEWAY	3.15	3.43	2.12
EAST PORTLAND FREEWAY	0.60	1.24	2.12
EAST PORTLAND FREEWAY	23.98	23.98	2.12
MCNARY	1.26	1.79	2.12
AIRPORT WAY CONN. NO. 4	24.90	24.92	2.12
EAST PORTLAND FREEWAY	7.61	7.95	2.12
EAST PORTLAND FREEWAY	0.58	0.77	2.12
	12.92	12.92	2.12
BEAVERTON-TIGARD	0.65	0.68	2.12
FORT STEVENS	4.50	4.57	2.12
BEAVERTON-TIGARD	0.68	0.90	2.12
WALKER RD. CONN. NO. 1	0.68	0.68	2.12
BEAVERTON-TIGARD	3.06	3.23	2.12
BEAVERTON-TIGARD	6.19	6.20	2.12
BEAVERTON-TIGARD	1.08	1.13	2.12
BEAVERTON-TIGARD	0.68	0.68	2.12
BEAVERTON-TIGARD	3.26	3.50	2.12
WALKER RD. CONN. NO. 1	0.68	0.68	2.12
BEAVERTON-TIGARD	3.23	3.51	2.12
BEAVERTON-TIGARD	3.10	3.26	2.12
BEAVERTON-TIGARD	0.91	1.08	2.12
BEAVERTON-TIGARD	6.19	6.25	2.12
BEAVERTON-TIGARD	6.14	6.19	2.12
BEAVERTON-TIGARD	0.64	0.68	2.12
WILLAMINA-SHERIDAN	3.17	3.63	2.12
FORT STEVENS	4.58	4.62	2.12
BEAVERTON-TIGARD	0.68	0.91	2.12
JEFFERSON	3.80	4.92	2.12
CLACKAMAS	3.93	4.02	2.12
BEAVERTON-TIGARD	2.18	2.18	2.12
BEAVERTON-TIGARD	0.90	1.11	2.12
EUGENE-SPRINGFIELD	3.52	3.53	2.12
EUGENE-SPRINGFIELD	3.65	3.79	2.12

EUGENE-SPRINGFIELD	3.45	3.50	2.12
EUGENE-SPRINGFIELD	3.54	3.65	2.12
GOSHEN-DIVIDE	0.93	1.13	2.12
EUGENE-SPRINGFIELD	3.79	4.31	2.12
EUGENE-SPRINGFIELD	8.64	9.75	2.12
EUGENE-SPRINGFIELD	3.53	3.54	2.12
EUGENE-SPRINGFIELD	3.43	3.45	2.12
EUGENE-SPRINGFIELD	7.47	8.17	2.12
EUGENE-SPRINGFIELD	3.50	3.52	2.12
MURDER CREEK CONN. NO. 1	235.70	235.73	2.11
MURDER CREEK CONN. NO. 1	235.68	235.70	2.11
LAMPMAN FRONTAGE RD.	43.12	43.22	2.11
MURDER CREEK CONN. NO. 1	235.64	235.66	2.11
MURDER CREEK CONN. NO. 6	235.73	235.81	2.11
OLD STAGE RD. FRONTAGE RD.	42.71	43.12	2.11
MURDER CREEK CONN. NO. 5	235.70	235.76	2.11
MURDER CREEK CONN. NO. 5	235.76	235.93	2.11
PACIFIC	191.33	191.39	2.11
PACIFIC	308.16	308.38	2.11
PACIFIC	191.35	191.40	2.11
PACIFIC	308.16	308.38	2.11
LAMPMAN FRONTAGE RD.	42.71	43.12	2.11
PACIFIC	35.78	35.80	2.11
MURDER CREEK CONN. NO. 1	235.66	235.68	2.11
DEL RIO RD. CONN. NO. 6	129.68	129.76	2.11
COLUMBIA RIVER	16.75	16.77	2.11
COLUMBIA RIVER	186.85	186.91	2.11
COLUMBIA RIVER	16.70	16.74	2.11
OREGON COAST	241.82	241.82	2.11
CENTRAL OREGON	3.56	3.59	2.11
SANTIAM	11.46	11.71	2.11
WILLAMETTE	1.42	1.43	2.11
TUALATIN VALLEY	40.79	42.41	2.11
WALLOWA LAKE	3.11	3.24	2.11
OREGON COAST	105.42	105.43	2.11
BAKER-COPPERFIELD	3.02	18.10	2.11
KLAMATH FALLS-LAKEVIEW	7.24	7.25	2.11
OREGON COAST	24.59	24.61	2.11
TUALATIN VALLEY	23.17	23.61	2.11
OREGON COAST	186.88	187.16	2.11
SUNSET	59.02	60.00	2.11
OCHOCO	14.70	14.79	2.11
ALBANY-JUNCTION CITY	10.34	12.32	2.11
SALMON RIVER	-0.36	-0.34	2.11
EAST PORTLAND FREEWAY	9.72	9.83	2.11
LA GRANDE-BAKER	0.18	0.19	2.11
EAST PORTLAND FREEWAY	16.27	16.37	2.11
EAST PORTLAND FREEWAY	9.74	9.82	2.11
LA GRANDE-BAKER	0.26	0.28	2.11
BELTLINE	0.52	0.57	2.11
EAST PORTLAND FREEWAY	16.26	16.37	2.11
FORT STEVENS	2.37	2.58	2.11
HILLSBORO-SILVERTON	23.07	23.10	2.11
SILVER CREEK FALLS	8.94	9.00	2.11
SILVER CREEK FALLS	38.77	38.89	2.11
NORTH SANTIAM	10.21	11.29	2.11
WILLAMINA-SHERIDAN	8.31	8.60	2.11
WOODBURN-ESTACADA	9.80	10.99	2.11
LOWER COLUMBIA RIVER	35.32	35.33	2.11
FORT STEVENS	5.39	5.75	2.11
FORT STEVENS	2.76	2.83	2.11
WOODBURN CONN. NO. 1	36.69	36.70	2.11
WOODBURN CONN. NO. 1	36.69	36.70	2.11
WILLAMINA-SHERIDAN	8.60	8.60	2.11
PACIFIC HWY & ELLIGSEN RD	12.95	12.96	2.11
WILLAMINA-SHERIDAN	8.16	8.58	2.11
WILLAMINA-SHERIDAN	8.57	8.58	2.11
FORT STEVENS	3.04	3.07	2.11
WILLAMINA-SHERIDAN	8.57	8.58	2.11
SILVER CREEK FALLS	9.03	9.09	2.11
NORTH SANTIAM	7.54	7.83	2.11
WILLAMINA-SHERIDAN	7.92	8.16	2.11
WILLAMINA-SHERIDAN	8.16	8.31	2.11
SILVER CREEK FALLS	8.78	8.94	2.11
FORT STEVENS	1.24	1.50	2.11
SILVER CREEK FALLS	9.00	9.03	2.11
NORTH SANTIAM	10.21	11.21	2.11

SILVER CREEK FALLS	9.10	10.22	2.11
FORT STEVENS	1.51	2.23	2.11
WILLAMINA-SHERIDAN	8.60	8.60	2.11
NORTH SANTIAM	7.55	7.84	2.11
SILVER CREEK FALLS	38.97	39.00	2.11
SILVER CREEK FALLS	8.82	9.09	2.11
MONMOUTH	0.00	6.23	2.11
ROGUE RIVER LOOP	2.68	3.69	2.11
CARPENTERVILLE	359.73	361.75	2.11
ROGUE RIVER LOOP	4.53	5.36	2.11
MIDLAND	3.77	5.65	2.11
CARPENTERVILLE	361.76	362.26	2.11
SISKIYOU	0.00	3.50	2.11
GOSHEN-DIVIDE	3.14	4.33	2.11
LAKE OF THE WOODS	64.64	64.73	2.11
SUNNYSIDE-UMAPINE	6.45	7.17	2.11
ROGUE RIVER LOOP	4.33	4.48	2.11
SILETZ	-0.21	1.88	2.11
KINGS VALLEY	1.78	1.79	2.11
TERRITORIAL	20.91	21.26	2.11
CAPE ARAGO	8.90	10.94	2.11
MT. HOOD HWY CONN. NO. 1	8.53	8.58	2.11
HERMISTON	10.16	10.27	2.11
GOSHEN-DIVIDE	7.98	10.59	2.11
N ALBANY CONN. NO. 2	234.25	234.25	2.1
N ALBANY CONN. NO. 2	234.11	234.19	2.1
N ALBANY CONN. NO. 2	234.28	234.39	2.1
N ALBANY CONN. NO. 2	234.19	234.25	2.1
N ALBANY CONN. NO. 2	234.26	234.28	2.1
N ALBANY CONN. NO. 2	234.06	234.08	2.1
N ALBANY CONN. NO. 2	234.08	234.11	2.1
VAN DUYN RD. CONN. NO. 2	199.06	199.10	2.1
VAN DUYN RD. CONN. NO. 2	199.05	199.06	2.1
POWERS RD. CONN. NO. 1	139.88	139.90	2.1
POWERS RD. CONN. NO. 1	139.97	140.06	2.1
	2.89	3.04	2.1
POWERS RD. CONN. NO. 1	140.06	140.08	2.1
	2.75	2.89	2.1
POWERS RD. CONN. NO. 1	139.90	139.97	2.1
N. ALBANY INTCHGE. CONN.	0.77	0.95	2.1
N. ALBANY INTCHGE. CONN.	0.74	0.77	2.1
N. ALBANY INTCHGE. CONN.	0.67	0.74	2.1
PACIFIC HIGHWAY EAST	24.87	24.88	2.1
PACIFIC HIGHWAY WEST	-5.60	-5.52	2.1
DELTA PARK CONN. NO. 3	5.30	5.49	2.1
HISTORIC COLUMBIA RIVER	49.29	49.31	2.1
MCVAY CONN. NO. 3	1.18	1.21	2.1
DEADY CONN. NO. 2	135.21	135.24	2.09
DEADY CONN. NO. 2	135.17	135.21	2.09
DEADY CONN. NO. 2	135.16	135.17	2.09
DELTA PARK CONN. NO. 2	306.69	306.71	2.09
DELTA PARK CONN. NO. 2	306.71	306.73	2.09
DELTA PARK CONN. NO. 2	306.75	306.78	2.09
DELTA PARK CONN. NO. 2	306.78	306.84	2.09
DELTA PARK CONN. NO. 2	306.73	306.75	2.09
DELTA PARK CONN. NO. 2	306.69	306.69	2.09
WILKES FRONTAGE RD. NO. 2	13.27	13.35	2.09
PACIFIC HWY WEST CONN. #2	6.31	6.55	2.09
DELTA HIGHWAY CONN. NO. 5	9.84	10.08	2.09
PACIFIC HWY WEST CONN. #1	6.40	6.51	2.09
SW CORONADO AVE FRONT. RD.	7.67	7.69	2.09
DELTA HIGHWAY CONN. NO. 2	9.87	9.89	2.09
PACIFIC HWY WEST CONN. #1	6.51	6.56	2.09
DELTA HIGHWAY CONN. NO. 2	9.98	10.03	2.09
DELTA HIGHWAY CONN. NO. 3	10.08	10.16	2.09
DELTA HIGHWAY CONN. NO. 6	10.26	10.50	2.09
DELTA HIGHWAY CONN. NO. 3	10.26	10.28	2.09
OLD ALIGNMENT FRONTAGE RD	7.56	7.78	2.09
FRANKLIN BLVD. FRONTAGE RD	1.59	1.76	2.09
FRANKLIN BLVD. FRONTAGE RD	1.43	1.48	2.09
OLD ALIGNMENT FRONTAGE RD	7.53	7.56	2.09
FRANKLIN BLVD. FRONTAGE RD	1.42	1.43	2.09
BROOKS CONN. NO. 2	263.48	263.50	2.08
JUDKINS POINT CONN. NO. 2	191.90	191.96	2.08
24TH AVE. FRONTAGE RD.	191.91	191.97	2.08
JUDKINS POINT CONN. NO. 2	191.98	191.99	2.08
JUDKINS POINT CONN. NO. 2	191.99	192.07	2.08

JUDKINS POINT CONN. NO. 2	191.89	191.90	2.08
BROOKS CONN. NO. 2	263.50	263.56	2.08
BROOKS CONN. NO. 2	263.56	263.57	2.08
JUDKINS POINT CONN. NO. 2	191.96	191.97	2.08
ALBANY FRONTAGE RD.	233.46	233.60	2.08
BROOKS CONN. NO. 2	263.57	263.63	2.08
JUDKINS POINT CONN. NO. 2	191.97	191.98	2.08
BROOKS CONN. NO. 2	263.48	263.48	2.08
	24.38	24.39	2.08
	24.39	24.41	2.08
	24.41	24.42	2.08
COLORADO AVE. CONN. NO. 3	138.14	138.24	2.08
COLORADO AVE. CONN. NO. 3	138.24	138.28	2.08
REVERE AVE. CONN. NO. 2	137.06	137.10	2.08
REVERE AVE. CONN. NO. 2	137.05	137.06	2.08
COLORADO AVE. CONN. NO. 3	138.10	138.14	2.08
WHITNEY	50.39	50.46	2.08
GLADSTONE CONN. NO. 5	11.10	11.13	2.08
GLADSTONE CONN. NO. 5	11.13	11.13	2.08
GLADSTONE CONN. NO. 5	10.99	11.10	2.08
WHITNEY	50.25	50.37	2.08
SALEM-DAYTON	0.77	0.79	2.08
JEFFERSON	5.96	6.12	2.08
WALKER RD. CONN. NO. 2	0.90	0.91	2.08
HILLSBORO-SILVERTON	0.40	0.41	2.08
HISTORIC COLUMBIA RIVER	49.98	50.07	2.08
DAYTON CONN. NO. 2	0.16	0.18	2.08
SALEM-DAYTON	0.24	0.28	2.08
HILLSBORO-SILVERTON	0.26	0.35	2.08
JEFFERSON	5.28	5.49	2.08
WALKER RD. CONN. NO. 2	0.88	0.90	2.08
WALKER RD. CONN. NO. 2	0.91	0.95	2.08
GOLD HILL SPUR	2.36	2.47	2.08
HERMISTON	8.28	8.34	2.08
SUTHERLIN CONN. NO. 1	24.15	24.28	2.08
HERMISTON	8.07	8.08	2.08
SAMS VALLEY	2.30	2.36	2.08
HERMISTON	7.59	7.71	2.08
HERMISTON	7.21	7.52	2.08
W VALLEY VIEW CONN. NO. 2	19.02	19.29	2.07
VAN DUYN RD. CONN. NO. 2	199.13	199.21	2.07
	24.61	24.67	2.07
	24.67	24.73	2.07
	24.67	24.67	2.07
HOOD RIVER FRONTAGE RD.	63.49	63.62	2.07
	24.67	24.67	2.07
	24.67	24.67	2.07
	24.67	24.67	2.07
	24.67	24.67	2.07
NORTH ROSEBURG CONN. NO. 3	126.39	126.68	2.07
	24.67	24.67	2.07
NORTH ROSEBURG CONN. NO. 2	126.36	126.36	2.07
HUBBARD INTCHG. CONN. NO 2	282.45	282.52	2.07
	24.60	24.67	2.07
E SIDE RD. CONN. NO. 1	31.51	31.66	2.07
E SIDE RD. CONN. NO. 2	31.55	31.58	2.07
CHENOWETH CONN. NO. 2	82.14	82.22	2.07
E SIDE RD. CONN. NO. 3	31.48	31.51	2.07
GOSHEN CONN. NO. 1	0.84	0.89	2.07
GOSHEN CONN. NO. 1	0.78	0.80	2.07
GOSHEN CONN. NO. 1	0.80	0.84	2.07
CENTER STREET BRIDGE CONN.	25.80	25.81	2.07
BIDDLE RD. CONN. NO. 3	0.94	1.04	2.07
HILTON COURT FRONTAGE ROAD	0.44	0.58	2.07
SHERIDAN CONN. NO. 5	32.55	32.61	2.07
SHERIDAN CONN. NO. 5	32.61	32.67	2.07
HIGHLANDS CONN NO. 1	72.17	72.19	2.07
SHERIDAN CONN. NO. 5	32.69	32.76	2.07
SHERIDAN CONN. NO. 5	32.68	32.69	2.07
PACIFIC HWY WEST CONN. #1	6.18	6.19	2.07
MAINLINE DR. FRONTAGE RD.	2.08	2.23	2.07
BARGER RD. CONN. NO. 2	5.87	5.88	2.07
COBURG RD. CONN. NO. 1	11.21	11.44	2.07
NW EXPRESSWAY CONN. NO. 1	7.26	7.34	2.07
MAINLINE DR. FRONTAGE RD.	1.83	1.93	2.07
COBURG RD. CONN. NO. 4	11.32	11.39	2.07
CHEMAWA RD. INTCHGE. CONN.	0.53	0.64	2.07

NW EXPRESSWAY CONN. NO. 4	7.36	7.54	2.07
NW EXPRESSWAY CONN. NO. 3	6.95	7.03	2.07
CHEMAWA RD. INTCHGE. CONN.	0.50	0.53	2.07
PACIFIC HWY WEST CONN. #1	6.19	6.28	2.07
W. TIGARD CONN. NO. 2	8.93	8.98	2.07
BARGER RD. CONN. NO. 3	5.93	6.01	2.07
CHEMAWA RD. INTCHGE. CONN.	0.48	0.50	2.07
AMITY-DAYTON	8.58	8.65	2.07
DAYTON CONN. NO. 3	0.03	0.09	2.07
DENNEY RD. CONN. NO. 2	2.85	2.97	2.07
COUNTY RD. CONN. NO. 2	20.04	20.07	2.07
OLD ALIGNMENT FRONTAGE RD	7.03	7.06	2.07
OLD ALIGNMENT FRONTAGE RD	7.23	7.30	2.07
COUNTY RD. CONN. NO. 3	20.08	20.12	2.07
COUNTY RD. CONN. NO. 2	20.02	20.04	2.07
GAZELY RD. CONN. NO. 2	101.83	101.96	2.06
DEADY CONN. NO. 2	135.07	135.09	2.06
RIDDLE RD. CONN. NO. 3	103.90	103.95	2.06
HELMS FRONTAGE RD.	6.21	6.35	2.06
BORING FRONTAGE RD.	17.55	17.72	2.06
N. SWEET HOME FRONTAGE RD.	25.91	26.42	2.06
J. JARL FRONTAGE RD. CONNS	22.19	22.21	2.06
E. MCMINNVILLE CONN. NO. 1	46.11	46.13	2.06
TUALATIN VALLEY HWY CONN 1	34.53	34.66	2.06
SILVER CR. FALLS CONN NO 1	8.94	9.04	2.06
SILVER CR. FALLS CONN NO 1	9.04	9.08	2.06
OLD ALIGNMENT FRONTAGE RD	8.66	8.91	2.06
OLD ALIGNMENT FRONTAGE RD	7.81	8.37	2.06
MCVAY INTCHG. FRONTAGE RD.	190.75	190.76	2.05
VANCOUVER AVE. CONN. NO. 3	4.49	4.51	2.05
6TH ST. CONN.	47.36	47.36	2.05
GARDEN VALLEY CONN. NO. 2	125.00	125.07	2.04
SANTIAM HWY CONN. NO. 1	233.44	233.45	2.04
Q STREET CONN. NO. 4	194.12	194.21	2.04
SANTIAM HWY CONN. NO. 1	233.14	233.21	2.04
MARKET ST. CONN. NO. 1	256.07	256.30	2.04
CENTRAL POINT CONN. NO. 3	32.65	32.99	2.04
ROGUE RIVER CONN. NO. 4	48.21	48.28	2.04
HARVARD AVE. CONN. NO. 1	123.86	124.11	2.04
SUTHERLIN CONN. NO. 1	136.31	136.53	2.04
HAYESVILLE CONN. NO. 1	258.40	258.45	2.04
Q STREET CONN. NO. 3	194.37	194.42	2.04
COMMERCIAL ST. CONN. NO. 1	249.55	249.76	2.04
ROGUE RIVER CONN. NO. 1	48.69	48.83	2.04
SANTIAM HWY CONN. NO. 4	233.53	233.57	2.04
Q STREET CONN. NO. 4	193.95	194.07	2.04
HAYESVILLE CONN. NO. 2	259.12	259.16	2.04
CENTRAL POINT CONN. NO. 4	32.97	33.24	2.04
E GRANTS PASS CONN. NO. 2	56.65	56.80	2.04
CENTRAL POINT CONN. NO. 1	32.47	32.70	2.04
FAIRGROUNDS CONN. NO. 4	123.20	123.39	2.04
CRESWELL CONN. NO. 2	183.23	183.40	2.04
CRATER LAKE HWY CONN. NO 3	30.87	30.92	2.04
GOSHEN CONN. NO. 4	188.89	189.21	2.04
ROGUE RIVER CONN. NO. 2	48.82	48.96	2.04
RIDDLE RD. CONN. NO. 4	104.10	104.10	2.04
CHEMAWA RD. CONN. NO. 5	259.28	259.32	2.04
GARDEN VALLEY CONN. NO. 5	124.85	125.10	2.04
N GRANTS PASS INTCHG.	57.93	58.11	2.04
RIDDLE RD. CONN. NO. 4	104.10	104.10	2.04
SANTIAM HWY CONN. NO. 3	233.39	233.53	2.04
COMMERCIAL ST. CONN. NO. 3	248.15	248.39	2.04
GARDEN VALLEY CONN. NO. 3	125.06	125.32	2.04
SANTIAM HWY CONN. NO. 1	233.44	233.45	2.04
FAIRGROUNDS CONN. NO. 1	122.79	123.02	2.04
SANTIAM HWY CONN. NO. 1	233.21	233.42	2.04
CHEMAWA RD. CONN. NO. 4	260.83	260.95	2.04
HAYESVILLE CONN. NO. 1	258.55	258.68	2.04
SUTHERLIN CONN. NO. 3	136.48	136.48	2.04
N ALBANY CONN. NO. 1	233.86	234.07	2.04
MARKET ST. CONN. NO. 3	256.63	256.96	2.04
N ALBANY CONN. NO. 4	234.13	234.30	2.04
SUTHERLIN CONN. NO. 3	136.51	136.59	2.04
SANTIAM HWY CONN. NO. 3	233.53	233.56	2.04
CENTRAL POINT CONN. NO. 5	32.21	32.53	2.04
ROGUE RIVER CONN. NO. 3	49.11	49.20	2.04
SANTIAM HWY CONN. NO. 3	233.30	233.39	2.04

GREEN SPRINGS CONN. NO. 2	14.52	14.62	2.04
GOSHEN CONN. NO. 1	188.10	188.30	2.04
GARDEN VALLEY CONN. NO. 2	124.87	124.88	2.04
GARDEN VALLEY CONN. NO. 6	124.60	124.82	2.04
CHEMAWA RD. CONN. NO. 5	259.18	259.28	2.04
HARVARD AVE. CONN. NO. 2	123.67	123.91	2.04
GARDEN VALLEY CONN. NO. 4	125.36	125.60	2.04
Q STREET CONN. NO. 1	193.72	193.86	2.04
SANTIAM HWY CONN. NO. 1	233.42	233.45	2.04
FAIRGROUNDS CONN. NO. 3	123.01	123.23	2.04
SANTIAM HWY CONN. NO. 2	233.43	233.47	2.04
N GRANTS PASS INTCHG.	58.11	58.21	2.04
CHEMAWA RD. CONN. NO. 6	259.28	259.32	2.04
FAIRGROUNDS CONN. NO. 5	122.62	122.81	2.04
HAYESVILLE CONN. NO. 2	258.86	259.07	2.04
SUTHERLIN CONN. NO. 3	136.48	136.48	2.04
SANTIAM HWY CONN. NO. 1	233.44	233.45	2.04
CHEMAWA RD. CONN. NO. 1	260.20	260.23	2.04
N BANFIELD CONN. NO. 1	6.61	6.72	2.04
CORBETT AVE. INTCHG. CONN.	298.75	298.85	2.04
DEL RIO RD. CONN. NO. 5	129.00	129.02	2.04
BELTLINE HWY. CONN. NO. 3	195.22	195.31	2.04
DEL RIO RD. CONN. NO. 1	129.51	129.78	2.04
COLUMBIA RIVER HWY CONN. 1	300.66	300.88	2.04
NE GLISAN ST. CONN. NO. 1	3.49	3.51	2.04
WILSONVILLE CONN. NO. 1	283.74	283.96	2.04
DEL RIO RD. CONN. NO. 3	129.90	130.14	2.04
N BANFIELD CONN. NO. 3	7.76	7.76	2.04
LOWER BOONES FERRY RD CN 1	290.28	290.52	2.04
HWY. 064 CONN. NO. 1	5.43	5.66	2.04
MULTNOMAH BLVD. CONN. NO 1	296.10	296.20	2.04
DEL RIO RD. CONN. NO. 5	129.28	129.35	2.04
CRATER LAKE HWY CONN. NO 1	29.96	30.22	2.04
DEL RIO RD. CONN. NO. 4	129.60	129.60	2.04
LOWER BOONES FERRY RD CN 6	290.02	290.25	2.04
COLUMBIA RIVER HWY CONN. 5	301.11	301.44	2.04
N BANFIELD CONN. NO. 1	6.58	6.59	2.04
HAINES RD. CONN. NO. 1	292.91	293.08	2.04
DEL RIO RD. CONN. NO. 4	129.60	129.60	2.04
HAINES RD. CONN. NO. 6	292.67	292.82	2.04
122ND AVE. CONN. NO.1	10.02	10.28	2.04
N BANFIELD CONN. NO. 1	6.82	6.82	2.04
UPPER BOONES FERRY RD CN 4	291.60	291.75	2.04
WILSONVILLE CONN. NO. 5	283.20	283.54	2.04
HAINES RD. CONN. NO. 2	293.00	293.06	2.04
BELTLINE HWY. CONN. NO. 3	195.17	195.22	2.04
GOING ST. CONN. NO. 1	303.76	303.77	2.04
S TIGARD CONN. NO. 3	291.89	291.92	2.04
N TIGARD CONN. NO. 1	293.49	293.64	2.04
N BANFIELD CONN. NO. 3	7.77	7.79	2.04
COLUMBIA RIVER HWY CONN. 1	301.09	301.12	2.04
NE 181ST AVE. CONN. NO. 2	13.09	13.21	2.04
HWY. 064 CONN. NO. 1	5.66	5.68	2.04
COLUMBIA RIVER HWY CONN. 1	300.88	301.09	2.04
S MEDFORD CONN. NO. 8	26.51	26.57	2.04
COLUMBIA RIVER HWY CONN. 7	302.34	302.36	2.04
S MEDFORD CONN. NO. 4	27.43	27.56	2.04
PACIFIC HWY. CONN. NO. 2	0.53	0.57	2.04
NE PORTLAND HWY CONN. NO 2	305.52	305.54	2.04
BELTLINE HWY. CONN. NO. 1	195.22	195.29	2.04
DEL RIO RD. CONN. NO. 4	129.60	129.60	2.04
N BANFIELD CONN. NO. 3	7.79	8.25	2.04
S MEDFORD CONN. NO. 4	27.22	27.23	2.04
COLUMBIA RIVER HWY CONN. 4	301.05	301.07	2.04
COLUMBIA RIVER HWY CONN. 3	300.97	300.98	2.04
	23.80	23.81	2.04
HAINES RD. CONN. NO. 1	293.08	293.09	2.04
GOING ST. CONN. NO. 2	303.83	303.91	2.04
MARKET ST. CONN. NO. 2	256.28	256.60	2.04
NE 68TH AVE. CONN. NO. 1	4.12	4.21	2.04
NYBERG RD. CONN. NO. 4	290.01	290.02	2.04
MARKET ST. CONN. NO. 4	256.28	256.52	2.04
N BANFIELD CONN. NO. 3	7.76	7.77	2.04
NYBERG RD. CONN. NO. 5	289.22	289.27	2.04
DEL RIO RD. CONN. NO. 5	129.12	129.12	2.04
N BANFIELD CONN. NO. 1	6.82	6.88	2.04
2ND. ST. CONN. NO. 1	63.93	64.10	2.04

COLUMBIA RIVER HWY CONN. 3	301.01	301.07	2.04
JORDAN CONN. NO. 2	18.60	18.68	2.04
GOSHEN CONN. NO. 5	188.66	188.84	2.04
NE 102ND CONN. NO. 1	6.56	6.59	2.04
HWY. 064 CONN. NO. 2	5.68	5.89	2.04
NYBERG RD. CONN. NO. 5	289.05	289.13	2.04
N BANFIELD CONN. NO. 1	6.30	6.58	2.04
PACIFIC HWY. CONN. NO. 3	0.75	0.78	2.04
DEL RIO RD. CONN. NO. 5	129.12	129.12	2.04
	304.95	304.96	2.04
UPPER BOONES FERRY RD CN 1	291.09	291.16	2.04
COLUMBIA RIVER HWY CONN. 4	301.07	301.17	2.04
N BANFIELD CONN. NO. 1	6.72	6.82	2.04
PORTLAND BLVD. CONN. NO. 2	304.93	305.06	2.04
DEL RIO RD. CONN. NO. 5	129.02	129.12	2.04
S MEDFORD CONN. NO. 4	27.23	27.24	2.04
DEL RIO RD. CONN. NO. 5	129.02	129.02	2.04
PACIFIC HWY. CONN. NO. 2	0.60	0.75	2.04
NE 238TH AVE. CONN. NO. 1	15.71	15.97	2.04
S MEDFORD CONN. NO. 6	27.57	27.72	2.04
UPPER BOONES FERRY RD CN 5	290.79	291.02	2.04
DEL RIO RD. CONN. NO. 5	129.28	129.28	2.04
S TIGARD CONN. NO. 3	292.05	292.18	2.04
NE 238TH AVE. CONN. NO. 2	15.97	16.20	2.04
GOING ST. CONN. NO. 1	303.84	303.93	2.04
DEL RIO RD. CONN. NO. 2	129.65	129.71	2.04
COLUMBIA RIVER HWY CONN. 6	300.88	301.01	2.04
N BANFIELD CONN. NO. 1	6.60	6.61	2.04
	271.65	271.93	2.04
N BANFIELD CONN. NO. 2	7.53	7.97	2.04
COLUMBIA RIVER HWY CONN. 3	301.07	301.11	2.04
CRATER LAKE HWY CONN. NO 2	30.30	30.34	2.04
NE 102ND CONN. NO. 2	6.19	6.39	2.04
2ND. ST. CONN. NO. 2	64.31	64.46	2.04
GOING ST. CONN. NO. 2	303.74	303.83	2.04
NE 68TH AVE. CONN. NO. 2	4.26	4.27	2.04
MOTOR COURT NE FRONTAGE RD	256.13	256.24	2.04
NE PORTLAND HWY CONN. NO 2	305.45	305.46	2.04
PACIFIC HWY. CONN. NO. 2	0.75	0.80	2.04
S MEDFORD CONN. NO. 4	27.24	27.26	2.04
TROUTDALE CONN. NO. 1	17.61	17.80	2.04
LOWER BOONES FERRY RD CN 4	290.70	290.93	2.04
N BANFIELD CONN. NO. 3	7.53	7.76	2.04
HOOD RIVER FRONTAGE RD.	63.66	63.80	2.04
COLUMBIA RIVER HWY CONN. 3	300.91	300.93	2.04
N BANFIELD CONN. NO. 2	7.40	7.48	2.04
HOOD RIVER FRONTAGE RD.	63.80	63.88	2.04
NE HALSEY ST. CONN.	5.72	5.77	2.04
DEL RIO RD. CONN. NO. 5	128.97	129.00	2.04
PACIFIC HWY. CONN. NO. 2	0.46	0.53	2.04
COLUMBIA RIVER HWY CONN. 4	301.17	301.28	2.04
S MEDFORD CONN. NO. 6	27.91	27.93	2.04
NE PORTLAND HWY CONN. NO 1	305.34	305.37	2.04
2ND. ST. CONN. NO. 1	63.74	63.93	2.04
DEL RIO RD. CONN. NO. 5	129.12	129.28	2.04
RIDDLE RD. CONN. NO. 6	104.07	104.28	2.04
N BANFIELD CONN. NO. 2	7.48	7.53	2.04
2ND. ST. CONN. NO. 2	64.11	64.31	2.04
COLUMBIA RIVER HWY CONN. 3	300.98	300.99	2.04
PACIFIC HWY. CONN. NO. 2	0.57	0.60	2.04
S MEDFORD CONN. NO. 5	27.19	27.26	2.04
CRATER LAKE HWY CONN. NO 1	30.30	30.34	2.04
NE 102ND CONN. NO. 2	6.04	6.19	2.04
PORTLAND BLVD. CONN. NO. 1	304.84	304.94	2.04
WILSONVILLE CONN. NO. 4	284.08	284.27	2.04
GOING ST. CONN. NO. 2	303.96	303.97	2.04
COLUMBIA RIVER HWY CONN. 3	300.99	301.01	2.04
TERWILLIGER BLVD CONN NO 1	297.31	297.35	2.04
NE 102ND CONN. NO. 1	6.59	6.80	2.04
NE GLISAN ST. CONN. NO. 2	3.25	3.30	2.04
S MEDFORD CONN. NO. 4	27.26	27.29	2.04
DEL RIO RD. CONN. NO. 4	129.55	129.60	2.04
NE 33RD AVE. CONN. NO. 1	2.12	2.15	2.04
S MEDFORD CONN. NO. 2	27.20	27.21	2.04
DEL RIO RD. CONN. NO. 5	129.12	129.12	2.04
	304.96	304.96	2.04
LOWER BOONES FERRY RD CN 3	290.50	290.75	2.04

NE 238TH AVE. CONN. NO. 4	15.97	16.29	2.04
N BANFIELD CONN. NO. 1	6.59	6.60	2.04
JORDAN CONN. NO. 1	18.02	18.03	2.04
S MEDFORD CONN. NO. 9	27.08	27.12	2.04
S MEDFORD CONN. NO. 1	27.20	27.21	2.04
COLUMBIA RIVER HWY CONN. 3	301.11	301.13	2.04
HWY. 064 CONN. NO. 1	5.68	5.90	2.04
NE PORTLAND HWY CONN. NO 2	305.46	305.49	2.04
CRATER LAKE HWY CONN. NO 2	30.34	30.49	2.04
	304.91	304.95	2.04
JORDAN CONN. NO. 2	18.59	18.60	2.04
NEVADA AVE. CONN. NO. 3	273.62	273.67	2.04
207TH AVE. INTCHGE CONN. 6	14.51	14.52	2.04
CAMPBELL ST. INTCHG. CONN.	304.43	304.76	2.04
WEST LINN INTER. CONN.NO.2	11.17	11.17	2.04
207TH AVE. INTCHG. CONN. 5	14.55	14.59	2.04
WEST LINN INTER. CONN.NO.3	11.27	11.51	2.04
WEST LINN INTER. CONN.NO.1	11.43	11.46	2.04
WESTCLIFF DR. FRONTAGE RD.	62.79	63.02	2.04
207TH AVE. INTCHG. CONN. 4	14.66	14.98	2.04
NE 181ST AVE. CONN. NO. 5	12.72	12.74	2.04
EMIGRANT AVE. CONN. NO. 2	209.59	209.67	2.04
COLORADO AVE. CONN. NO. 3	138.29	138.32	2.04
WEST LINN INTER. CONN.NO.1	11.18	11.25	2.04
	63.91	64.11	2.04
207TH AVE. INTCHGE CONN. 6	14.54	14.59	2.04
WEST LINN INTER. CONN.NO.2	11.40	11.40	2.04
MCNARY HWY. CONN. NO. 1	184.26	184.32	2.04
WEST LINN INTER. CONN.NO.2	11.14	11.16	2.04
NEVADA AVE. CONN. NO. 3	273.58	273.62	2.04
NE 181ST AVE. CONN. NO. 5	12.80	13.04	2.04
WESTCLIFF DR. FRONTAGE RD.	63.08	63.18	2.04
WEST LINN INTER. CONN.NO.2	11.33	11.40	2.04
NEVADA AVE. CONN. NO. 3	273.55	273.58	2.04
207TH AVE. INTCHG. CONN. 3	14.67	14.76	2.04
NE 181ST AVE. CONN. NO. 4	13.56	13.69	2.04
WEST LINN INTER. CONN.NO.2	11.17	11.24	2.04
122ND AVE. CONN. NO. 2	10.08	10.25	2.04
207TH AVE. INTCHG. CONN. 5	14.51	14.55	2.04
NE 181ST AVE. CONN. NO. 5	12.71	12.72	2.04
WEST LINN INTER. CONN.NO.2	11.16	11.17	2.04
WEST LINN INTER. CONN.NO.2	11.40	11.46	2.04
WALLOWA LAKE CONN. NO. 1	261.93	262.08	2.04
NE 238TH AVE. CONN. NO. 3	16.21	16.44	2.04
PACIFIC HWY. CONN. NO. 2	0.48	0.72	2.04
PACIFIC HWY. CONN. NO.4	0.55	0.64	2.04
FRONT ST. CONN. NO. 2	26.05	26.06	2.04
SANTIAM HWY CONN. NO. 5	1.46	1.61	2.04
EDGEWATER ST. WALLACE RD.	25.97	26.01	2.04
EMIGRANT AVE. CONN. NO. 1	1.64	1.94	2.04
SANTIAM HWY CONN. NO. 6	1.16	1.22	2.04
CAMPBELL ST. INTCHG. CONN.	1.14	1.47	2.04
SANTIAM HWY CONN. NO. 1	1.00	1.25	2.04
SANTIAM HWY CONN. NO. 6	1.16	1.17	2.04
PACIFIC HWY. CONN NO. 3	0.67	0.76	2.04
FRONT ST. CONN. NO. 1	25.97	26.20	2.04
PACIFIC HWY. CONN NO. 3	0.45	0.54	2.04
SANTIAM HWY CONN. NO. 1	0.87	1.00	2.04
PACIFIC HWY. CONN. NO.1	0.41	0.78	2.04
GOSHEN CONN. NO. 1	1.07	1.33	2.04
SANTIAM HWY CONN. NO. 6	1.16	1.17	2.04
MORGAN LANE CONN. NO. 1	2.58	2.69	2.04
GOSHEN CONN. NO. 1	0.42	0.70	2.04
SANTIAM HWY CONN. NO. 5	1.30	1.46	2.04
FRONT ST. CONN. NO. 2	26.06	26.17	2.04
PACIFIC HWY CONN. NO. 1	1.28	1.34	2.04
SANTIAM HWY CONN. NO. 2	0.97	1.03	2.04
WALLOWA LAKE CONN. NO. 1	0.82	1.04	2.04
SANTIAM HWY CONN. NO. 6	1.16	1.17	2.04
I-205 INTCHGE. CONN.	5.83	5.98	2.04
EDGEWATER ST. WALLACE RD.	25.81	25.97	2.04
GOSHEN CONN. NO. 1	0.70	0.77	2.04
BIEHN ST. CONN. NO. 2	6.41	6.43	2.04
BEAVERTON-TIGARD CONN NO 2	69.33	69.36	2.04
E. FREMONT INTCHG. CONN. 3	3.27	3.28	2.04
E. FREMONT INTCHG. CONN. 3	3.32	3.35	2.04
E. FREMONT INTCHG. CONN. 2	3.84	3.87	2.04

E. FREMONT INTCHG. CONN. 1	3.61	3.71	2.04
MURRAY BLVD. CONN. NO. 3	67.22	67.34	2.04
E. FREMONT INTCHG. CONN. 2	3.81	3.84	2.04
185TH AVE. CONN. NO. 3	64.09	64.28	2.04
E. FREMONT INTCHG. CONN. 2	3.89	4.03	2.04
185TH AVE. CONN. NO. 6	63.67	63.96	2.04
CORNELL RD. CONN. NO. 4	65.94	66.15	2.04
E. FREMONT INTCHG. CONN. 1	3.74	3.78	2.04
HIGHLANDS CONN NO. 3	72.62	72.67	2.04
E. FREMONT INTCHG. CONN. 1	3.82	4.00	2.04
E. FREMONT INTCHG. CONN. 2	3.87	3.88	2.04
185TH AVE. INCHGE NO. 1	63.99	64.34	2.04
E. FREMONT INTCHG. CONN. 2	3.77	3.81	2.04
E. FREMONT INTCHG. CONN. 3	3.46	3.47	2.04
SYLVAN CONN. NO. 1	70.81	70.83	2.04
E. FREMONT INTCHG. CONN. 1	3.57	3.61	2.04
CORNELL RD. CONN. NO. 5	66.27	66.49	2.04
E. FREMONT INTCHG. CONN. 1	3.80	3.81	2.04
E. FREMONT INTCHG. CONN. 1	3.79	3.80	2.04
MURRAY BLVD. CONN. NO. 3	67.19	67.22	2.04
E. FREMONT INTCHG. CONN. 3	3.35	3.35	2.04
HIGHLANDS CONN NO. 4	72.62	72.67	2.04
SYLVAN CONN. NO. 1	70.83	70.89	2.04
E. FREMONT INTCHG. CONN. 2	3.88	3.89	2.04
E. FREMONT INTCHG. CONN. 1	3.78	3.79	2.04
E. FREMONT INTCHG. CONN. 1	3.80	3.81	2.04
HIGHLANDS CONN NO. 3	72.56	72.62	2.04
E. FREMONT INTCHG. CONN. 3	3.26	3.27	2.04
185TH AVE. CONN. NO. 3	64.28	64.28	2.04
E. FREMONT INTCHG. CONN. 2	3.57	3.67	2.04
SUNSET HILLS CONN. NO. 1	70.67	70.68	2.04
HIGHLANDS CONN. NO. 5	71.75	71.86	2.04
E. FREMONT INTCHG. CONN. 3	3.28	3.32	2.04
185TH AVE. CONN. NO. 5	64.55	64.68	2.04
SUNSET HILLS CONN. NO. 1	70.68	70.70	2.04
E. FREMONT INTCHG. CONN. 3	3.35	3.38	2.04
185TH AVE. CONN. NO. 3	64.28	64.38	2.04
SYLVAN CONN. NO. 1	71.09	71.20	2.04
E. FREMONT INTCHG. CONN. 3	3.10	3.26	2.04
E. FREMONT INTCHG. CONN. 1	3.80	3.81	2.04
HIGHLANDS CONN NO. 3	72.43	72.46	2.04
E. FREMONT INTCHG. CONN. 1	3.80	3.82	2.04
E. FREMONT INTCHG. CONN. 3	3.35	3.35	2.04
SYLVAN CONN. NO. 1	70.68	70.81	2.04
E. FREMONT INTCHG. CONN. 3	3.35	3.35	2.04
E. FREMONT INTCHG. CONN. 3	3.28	3.28	2.04
BUTNER ROAD FRONTAGE ROAD	68.16	68.23	2.04
185TH AVE. CONN. NO. 4	64.31	64.66	2.04
PACIFIC HWY CONN.	76.43	76.50	2.04
SYLVAN CONN. NO. 1	71.07	71.09	2.04
HAYESVILLE CONN. NO. 2	46.17	46.20	2.04
	12.53	12.53	2.04
COLUMBIA BLVD. CONN. NO. 3	23.81	23.87	2.04
GLADSTONE CONN. NO. 4	10.59	10.77	2.04
S. BANFIELD CONN. NO. 2	21.96	21.97	2.04
S. WEST LINN CONN. NO. 2	6.50	6.53	2.04
NE GLISAN ST. CONN. NO. 7	20.30	20.52	2.04
CLACKAMAS HWY CONN.	5.43	5.44	2.04
	12.53	12.53	2.04
N. BANFIELD CONN. NO. 2	23.21	23.25	2.04
SANDY BLVD. CONN.	23.21	23.36	2.04
ADAIR VILLAGE FRONT. RD.#2	75.68	75.73	2.04
NE GLISAN ST. CONN. NO. 7	20.52	20.71	2.04
HAYESVILLE CONN. NO. 4	46.33	46.41	2.04
CLACKAMAS CONN. NO. 2	12.87	13.07	2.04
COLUMBIA BLVD. CONN. NO. 2	24.11	24.29	2.04
N. BANFIELD CONN. NO. 2	22.98	23.21	2.04
ADAIR VILLAGE FRONT. RD.#1	75.07	75.24	2.04
NE GLISAN ST. CONN. NO. 1	20.64	20.69	2.04
AIRPORT WAY CONN. NO. 1	24.69	24.71	2.04
	12.53	12.53	2.04
AIRPORT WAY CONN. NO. 7	24.59	24.61	2.04
DIVISION&POWELL CONN. #5	19.67	19.77	2.04
NE GLISAN ST. CONN. NO. 6	21.60	21.71	2.04
DIVISION&POWELL CONN. #3	19.32	19.58	2.04
COLUMBIA BLVD. CONN. NO. 3	23.97	24.06	2.04
GLADSTONE CONN. NO. 1	10.83	11.01	2.04

DIVISION&POWELL CONN. #6	20.19	20.27	2.04
HAYESVILLE CONN. NO. 2	46.26	46.36	2.04
LAKE RD. INTCHGE. CONN.	13.66	13.90	2.04
MARION ST. CONN.	5.09	5.10	2.04
S. WEST LINN CONN. NO. 1	6.09	6.25	2.04
STARK-WASHINGTON ST CONN 4	20.09	20.31	2.04
AIRPORT WAY CONN. NO. 7	24.55	24.59	2.04
N. BANFIELD CONN. NO. 2	23.26	23.46	2.04
WEST LINN CONN. NO. 2	9.01	9.17	2.04
FOSTER&WOODSTOCK CONN. #1	17.55	17.72	2.04
AIRPORT WAY CONN. NO. 6	24.01	24.31	2.04
HAYESVILLE CONN. NO. 4	46.14	46.33	2.04
	12.53	12.53	2.04
S. BANFIELD CONN. NO. 2	21.96	21.97	2.04
	12.47	12.53	2.04
GLADSTONE CONN. NO. 2	11.07	11.08	2.04
AIRPORT WAY CONN. NO. 1	24.71	24.71	2.04
N. BANFIELD CONN. NO. 1	22.73	22.80	2.04
AIRPORT WAY CONN. NO. 4	24.64	24.74	2.04
S. BANFIELD CONN. NO. 1	21.66	21.66	2.04
DIVISION&POWELL CONN. #8	20.09	20.15	2.04
MARION ST. CONN.	5.01	5.09	2.04
N.E. PORTLAND HWY. FRONTAG	0.35	0.37	2.04
S. WEST LINN CONN. NO. 2	6.53	6.54	2.04
S. BANFIELD CONN. NO. 1	21.55	21.56	2.04
SUNNYSIDE RD. CONN. NO. 2	14.97	15.09	2.04
N. BANFIELD CONN. NO. 2	23.26	23.26	2.04
NE GLISAN ST. CONN. NO. 5	21.24	21.49	2.04
	12.53	12.60	2.04
AIRPORT WAY CONN. NO. 7	24.61	24.62	2.04
SUNNYBROOK CONN. NO. 4	13.94	14.01	2.04
AIRPORT WAY CONN. NO. 1	24.68	24.69	2.04
GLADSTONE CONN. NO. 4	10.56	10.59	2.04
N. BANFIELD CONN. NO. 1	22.51	22.73	2.04
ADAIR VILLAGE FRONT. RD.#2	75.73	75.84	2.04
DIVISION&POWELL CONN. #1	18.89	19.11	2.04
	12.53	12.53	2.04
S. BANFIELD CONN. NO. 1	21.62	21.64	2.04
NE GLISAN ST. CONN. NO. 4	21.25	21.39	2.04
DIVISION&POWELL CONN. #2	19.23	19.46	2.04
MARION ST. CONN.	5.10	5.13	2.04
NE GLISAN ST. CONN. NO. 8	20.52	20.69	2.04
CLACKAMAS CONN. NO. 1	12.47	12.68	2.04
S. BANFIELD CONN. NO. 1	21.66	21.66	2.04
AIRPORT WAY CONN. NO. 1	24.26	24.63	2.04
GLADSTONE CONN. NO. 2	11.00	11.07	2.04
	12.53	12.53	2.04
N. BANFIELD CONN. NO. 2	23.25	23.26	2.04
	12.53	12.59	2.04
AIRPORT WAY CONN. NO. 2	24.62	24.77	2.04
S. BANFIELD CONN. NO. 1	21.64	21.66	2.04
DIVISION&POWELL CONN. #7	20.27	20.42	2.04
S. BANFIELD CONN. NO. 1	21.56	21.62	2.04
CLACKAMAS HWY CONN.	5.54	5.62	2.04
COLUMBIA BLVD. CONN. NO. 1	23.72	23.77	2.04
DIVISION&POWELL CONN. #7	20.50	20.79	2.04
S. WEST LINN CONN. NO. 4	6.71	6.71	2.04
S. BANFIELD CONN. NO. 1	20.99	21.08	2.04
	4.36	4.57	2.04
	4.34	4.54	2.04
S. WEST LINN CONN. NO. 4	6.73	6.89	2.04
FOSTER&WOODSTOCK CONN. #5	17.93	18.10	2.04
	4.54	4.56	2.04
S. BANFIELD CONN. NO. 2	21.71	21.97	2.04
GLADSTONE CONN. NO. 3	11.33	11.45	2.04
N. BANFIELD CONN. NO. 1	22.80	22.89	2.04
DIVISION&POWELL CONN. #8	19.75	19.87	2.04
NE GLISAN ST. CONN. NO. 6	21.55	21.60	2.04
FOSTER&WOODSTOCK CONN. #8	17.27	17.50	2.04
AIRPORT WAY CONN. NO. 1	24.71	24.73	2.04
	25.58	25.74	2.04
S. BANFIELD CONN. NO. 2	21.97	22.08	2.04
DIVISION&POWELL CONN. #2	19.12	19.23	2.04
STARK-WASHINGTON ST CONN 1	20.33	20.36	2.04
SUNNYBROOK RD. CONN. NO. 1	14.03	14.11	2.04
AIRPORT WAY CONN. NO. 1	24.63	24.68	2.04
NE GLISAN ST. CONN. NO. 6	21.95	21.99	2.04

HAYESVILLE CONN. NO. 3	46.29	46.68	2.04
S. BANFIELD CONN. NO. 1	21.53	21.55	2.04
S. BANFIELD CONN. NO. 1	21.66	22.04	2.04
S. WEST LINN CONN. NO. 5	6.05	6.09	2.04
NE GLISAN ST. CONN. NO. 6	21.71	21.91	2.04
AIRPORT WAY CONN. NO. 1	24.92	25.07	2.04
HAYESVILLE CONN. NO. 2	46.36	46.40	2.04
LAKE RD. INTCHGE. CONN.	13.64	13.66	2.04
BEEF BEND FRONTAGE RD.	10.79	10.98	2.04
AIRPORT WAY CONN. NO. 6	23.79	23.90	2.04
	4.57	4.58	2.04
AIRPORT WAY CONN. NO. 2	24.48	24.62	2.04
N. BANFIELD CONN. NO. 1	22.22	22.51	2.04
LAKE RD. INTCHG. CONN.	9.88	9.97	2.04
TIGARD CONN. NO. 1	7.68	7.74	2.04
S. BANFIELD CONN. NO. 1	21.66	21.66	2.04
DIVISION&POWELL CONN. #8	19.87	20.09	2.04
HOLGATE BLVD. CONN.	2.21	2.23	2.04
DIVISION&POWELL CONN. #9	19.87	20.09	2.04
S. BANFIELD CONN. NO. 2	21.96	21.97	2.04
DIVISION&POWELL CONN. #6	20.27	20.43	2.04
S. WEST LINN CONN. NO. 2	6.49	6.50	2.04
S. BANFIELD CONN. NO. 1	21.51	21.53	2.04
HAYESVILLE CONN. NO. 1	46.00	46.32	2.04
HARVARD AVE. CONN. NO. 1	0.96	0.98	2.04
SCHOLLS FERRY RD. CONN.	2.63	2.73	2.04
BEAVERTON-TUALATIN HWY CON	3.56	3.77	2.04
	36.90	36.93	2.04
TIGARD CONN. NO. 2	6.19	6.41	2.04
LANCASTER DRIVE CONN. NO 4	2.12	2.31	2.04
	36.96	36.97	2.04
PACIFIC HWY & ELLIGSEN RD	13.33	13.36	2.04
SW LEE AVE. FRONTAGE RD.	2.28	2.37	2.04
HARMONY RD. CONN. NO. 1	2.02	2.23	2.04
PACIFIC HWY EAST CONN.	0.40	0.44	2.04
W. FREMONT CONN. NO. 1	1.48	1.66	2.04
TERWILLIGER BVLD. CONN. #2	4.27	4.39	2.04
EDISON ST. CONN. NO. 1	1.30	1.32	2.04
FORT STEVENS	3.25	3.26	2.04
Sunset Hwy. Conn. No. 3	0.60	0.65	2.04
W. FREMONT CONN. NO. 2	1.57	1.66	2.04
	36.96	36.97	2.04
PACIFIC HWY CONN. NO. 2	5.49	5.51	2.04
PROGRESS CONN. NO. 1	4.12	4.17	2.04
W. FREMONT CONN. NO. 3	1.44	1.53	2.04
EUGENE CONN.	121.94	121.96	2.04
HARMONY RD. CONN. NO. 2	2.42	2.65	2.04
HARVARD AVE. CONN. NO. 1	0.80	0.96	2.04
EUGENE FRONTAGE RD.	121.86	121.88	2.04
EDISON ST. CONN. NO. 2	1.37	1.43	2.04
LANCASTER DRIVE CONN. NO 5	1.58	1.74	2.04
SUNSET HWY CONN. NO. 5	0.35	0.38	2.04
	37.02	37.08	2.04
SW 72ND AVE CONN. NO. 5	6.45	6.50	2.04
LANCASTER DRIVE CONN. NO 3	1.93	2.07	2.04
CLACKAMAS	4.23	4.25	2.04
W. FREMONT CONN. NO. 4	1.45	1.49	2.04
	36.93	36.97	2.04
TERWILLIGER BVLD. CONN. #1	4.48	4.63	2.04
PROGRESS CONN. NO. 1	4.23	4.32	2.04
ALLEN BLVD. CONN. NO. 5	2.11	2.26	2.04
LANCASTER DRIVE CONN. NO 1	1.77	1.95	2.04
	36.96	36.97	2.04
W. FREMONT CONN. NO. 1	1.70	1.71	2.04
EDISON ST. CONN. NO. 1	1.32	1.35	2.04
WOODBURN CONN. NO. 2	36.89	37.10	2.04
PACIFIC HWY EAST CONN.	0.45	0.60	2.04
	36.84	37.02	2.04
SW 112TH AVE. FRONTAGE RD.	2.28	2.44	2.04
W. FREMONT CONN. NO. 1	1.66	1.70	2.04
I-205 CONN. NO. 1	11.03	11.13	2.04
ALLEN BLVD. CONN. NO. 1	2.26	2.33	2.04
I-205 CONN. NO. 2	11.44	11.46	2.04
PACIFIC HWY EAST CONN.	0.27	0.29	2.04
CRESWELL CONN. NO. 2	14.71	14.95	2.04
6TH AVE. CONN.	0.18	0.37	2.04
COBURG RD. CONN. NO. 3	2.96	3.00	2.04

COBURG RD. CONN. NO. 4	2.67	2.80	2.04
DELTA HWY CONN. NO. 1	1.33	1.37	2.04
Q STREET CONN. NO. 2	3.47	3.58	2.04
COUNTRY CLUB RD. CONN NO 2	1.18	1.44	2.04
COBURG RD. CONN. NO. 3	2.67	2.85	2.04
DELTA HWY CONN. NO. 1	1.21	1.21	2.04
DELTA HWY CONN. NO. 4	0.90	0.91	2.04
SPRINGFIELD HWY CONN.	4.90	5.11	2.04
DELTA HWY CONN. NO. 1	0.96	1.21	2.04
CORVALLIS-LEBANON	0.13	0.13	2.04
COBURG RD. CONN. NO. 3	2.85	2.96	2.04
FOOTHILL BLVD. FRONTAGE RD	1.30	1.72	2.04
GOSHEN-DIVIDE	0.05	0.14	2.04
HARMONY RD. CONN. NO. 3	2.71	2.91	2.04
CRESWELL INTCHGE. CONN.	14.69	14.75	2.04
COBURG RD. CONN. NO. 5	2.80	2.82	2.04
DELTA HWY CONN. NO. 2	1.08	1.34	2.04
HARMONY RD. CONN. NO. 4	2.42	2.76	2.04
DELTA HWY CONN. NO. 3	0.62	0.81	2.04
COBURG RD. CONN. NO. 4	2.80	2.83	2.04
WEBSTER RD. CONN. NO. 2	4.89	5.23	2.04
MOHAWK INTCHG. CONN. NO. 3	6.06	6.29	2.04
COBURG RD. CONN. NO. 3	2.43	2.67	2.04
DELTA HWY CONN. NO. 4	0.75	0.77	2.04
MOHAWK INTCHG. CONN. NO. 4	6.28	6.43	2.04
Q STREET CONN. NO. 2	3.58	3.61	2.04
GOSHEN INTCHGE. CONN.	0.16	0.36	2.04
CULVER	0.05	0.13	2.04
DELTA HWY CONN. NO. 4	0.77	0.90	2.04
LAKE RD. CONN. NO. 2	4.03	4.09	2.04
Q STREET CONN. NO. 4	4.18	4.31	2.04
SUTHERLIN CONN. NO. 3	24.25	24.40	2.04
COUNTRY CLUB RD. CONN NO 1	1.53	1.72	2.04
COBURG RD. CONN. NO. 2	1.88	2.22	2.04
SUTHERLIN CONN. NO. 1	24.28	24.43	2.04
DELTA HWY CONN. NO. 1	1.21	1.33	2.04
DELTA HWY CONN. NO. 4	0.91	1.21	2.04
MOHAWK INTCHG. CONN. NO. 1	5.90	6.08	2.04
COBURG RD. CONN. NO. 3	2.96	2.96	2.04
MOHAWK INTCHG. CONN. NO. 5	5.66	5.90	2.04
BELTLINE HWY. CONN. NO. 4	195.84	195.94	2.03
MCVAY HWY. CONN.	190.73	190.80	2.03
COBURG EAST FRONTAGE RD.	199.35	199.45	2.03
EGGE FRONTAGE RD.	197.65	197.67	2.03
BATTLE CREEK CONN. NO. 5	248.38	248.39	2.03
BELTLINE HWY. CONN. NO. 4	195.70	195.84	2.03
ARMITAGE PARK FRONTAGE RD.	197.30	197.31	2.03
ARMITAGE PARK FRONTAGE RD.	197.33	197.37	2.03
LOUSE CREEK CONN. NO. 3	61.49	61.82	2.03
BATTLE CREEK CONN. NO. 5	248.37	248.38	2.03
EGGE FRONTAGE RD.	197.67	197.77	2.03
BATTLE CREEK CONN. NO. 5	248.39	248.41	2.03
BATTLE CREEK CONN. NO. 5	248.36	248.37	2.03
ARMITAGE PARK FRONTAGE RD.	197.31	197.33	2.03
CHENOWETH CONN. NO. 1	82.08	82.10	2.03
JANTZEN BEACH CONN. NO. 1	308.07	308.09	2.03
JANTZEN BEACH CONN. NO. 2	308.28	308.31	2.03
HAINES RD. CONN. NO. 5	293.60	293.61	2.03
NE MARINE DR. CONN.	16.95	16.95	2.03
JANTZEN BEACH CONN. NO. 1	308.09	308.12	2.03
	195.84	195.96	2.03
N SUNDIAL FRONTAGE RD.	16.05	16.44	2.03
DELTA PARK CONN. NO. 1	306.68	306.72	2.03
BELTLINE HWY. CONN. NO. 3	195.55	195.55	2.03
JANTZEN BEACH CONN. NO. 5	307.58	307.75	2.03
SWIFT UNION CONN. NO. 1	307.54	307.55	2.03
NE MARINE DR. CONN.	16.90	16.93	2.03
JANTZEN BEACH CONN. NO. 1	308.15	308.21	2.03
DELTA PARK CONN. NO. 1	306.57	306.68	2.03
JANTZEN BEACH CONN. NO. 3	308.22	308.23	2.03
W THE DALLES CONN. NO. 5	83.22	83.26	2.03
JANTZEN BEACH CONN. NO. 1	308.12	308.15	2.03
HAINES RD. CONN. NO. 4	293.35	293.44	2.03
HAINES RD. CONN. NO. 2	293.13	293.15	2.03
JANTZEN BEACH CONN. NO. 1	307.77	308.07	2.03
W THE DALLES CONN. NO. 6	83.22	83.26	2.03
S SUNDIAL FRONTAGE RD.	16.74	16.90	2.03

NE 68TH AVE. CONN. NO. 1	4.33	4.36	2.03
JANTZEN BEACH CONN. NO. 3	308.27	308.31	2.03
SWIFT UNION CONN. NO. 3	307.48	307.51	2.03
SWIFT UNION CONN. NO. 1	307.55	307.59	2.03
S SUNDIAL FRONTAGE RD.	16.90	17.15	2.03
JORDAN CONN. NO. 2	18.32	18.33	2.03
JANTZEN BEACH CONN. NO. 2	308.31	308.33	2.03
JANTZEN BEACH CONN. NO. 3	308.23	308.27	2.03
JANTZEN BEACH CONN. NO. 4	307.99	308.17	2.03
JANTZEN BEACH CONN. NO. 2	308.33	308.63	2.03
SWIFT UNION CONN. NO. 1	307.34	307.54	2.03
NE MARINE DR. CONN.	16.93	16.94	2.03
SWIFT UNION CONN. NO. 3	307.48	307.48	2.03
CHENOWETH CONN. NO. 2	82.05	82.07	2.03
S PENDLETON CONN. NO. 1	1.54	1.58	2.03
CHENOWETH CONN. NO. 2	82.08	82.10	2.03
CHENOWETH CONN. NO. 2	82.07	82.08	2.03
LOST CREEK FRONTAGE RD.	147.21	147.23	2.03
CEDAR HILLS BLVD CONN NO 1	68.11	68.17	2.03
CEDAR HILLS BLVD. CONN. 6	67.58	67.88	2.03
SWIFT CONN. NO. 1	6.19	6.21	2.03
SWIFT CONN. NO. 1	6.17	6.19	2.03
SWIFT CONN. NO. 1	6.50	6.54	2.03
JOHNSON CR. BLVD CONN NO 1	16.20	16.25	2.03
JOHNSON CR. BLVD CONN NO 3	15.89	15.94	2.03
PACIFIC HWY. CONN. NO. 3	13.22	13.46	2.03
SWIFT CONN. NO. 1	6.22	6.23	2.03
JOHNSON CR. BLVD CONN NO 3	16.04	16.20	2.03
SWIFT CONN. NO. 1	6.23	6.43	2.03
JOHNSON CR. BLVD CONN NO 5	15.65	15.94	2.03
SWIFT CONN. NO. 2	6.13	6.15	2.03
JOHNSON CR. BLVD CONN NO 4	16.69	16.72	2.03
SWIFT CONN. NO. 1	6.21	6.22	2.03
JOHNSON CR. BLVD CONN NO 1	15.89	16.06	2.03
TIGARD CONN. NO. 2	7.64	7.65	2.03
PACIFIC HWY CONN. NO. 4	12.88	12.96	2.03
NW MARINA WAY FRONTAGE RD.	10.05	10.41	2.03
SWIFT FRONTAGE RD.	2.79	2.82	2.03
PROGRESS CONN. NO. 2	4.56	4.71	2.03
RIVERVIEW DR. FRONTAGE RD.	10.64	10.77	2.03
SWIFT FRONTAGE RD.	2.78	2.79	2.03
SWIFT FRONTAGE RD.	2.74	2.78	2.03
MCVAY CONN. NO. 1	1.38	1.40	2.03
MCVAY CONN. NO. 1	1.30	1.38	2.03
MCVAY CONN. NO. 2	1.46	1.52	2.03
MCVAY CONN. NO. 1	1.38	1.38	2.03
CENTURY DR. FRONTAGE RD.	235.84	235.88	2.02
OTIS JCT. FRONTAGE RD. #2	105.54	105.55	2.02
BPA FRONTAGE RD.	23.13	23.14	2.02
FRONTAGE RD. CONN.	23.13	23.14	2.02
CHEHALEM RD. CONN.	18.78	18.79	2.02
HELLS CANYON FRONTAGE RD.	19.12	19.16	2.02
BURLINGTON CONN. NO. 4	12.87	12.88	2.02
BURLINGTON CONN. NO. 3	12.69	12.73	2.02
BURLINGTON CONN. NO. 2	12.66	12.69	2.02
SE TAYLOR AVE. CONN.	173.38	173.40	2.01
GOSHEN CONN. NO. 4	188.82	188.85	2.01
SE TAYLOR AVE. CONN.	173.40	173.41	2.01
BONNEVILLE POWER FRONT RD.	189.02	189.77	2.01
FERN VALLEY RD. CONN. 2	24.51	24.67	2.01
SE TAYLOR AVE. CONN.	173.42	173.42	2.01
COTTAGE GROVE FRONTAGE RD.	172.58	172.79	2.01
COTTAGE GROVE FRONTAGE RD.	173.13	173.47	2.01
COTTAGE GROVE FRONTAGE RD.	172.18	172.33	2.01
GOSHEN CONN. NO. 4	188.74	188.76	2.01
PHOENIX SIPHON FRONTAGE RD	24.27	24.35	2.01
COTTAGE GROVE FRONTAGE RD.	173.47	173.63	2.01
GOSHEN CONN. NO. 4	188.76	188.82	2.01
NE 181ST AVE. CONN. NO. 1	12.79	12.82	2.01
NE 39TH AVE. CONN. NO. 3	3.01	3.02	2.01
BELTLINE HWY. CONN. NO. 3	195.88	195.92	2.01
COLUMBIA BLVD. CONN. NO. 2	305.61	305.77	2.01
BREWERY GRADE CONN. NO. 3	85.57	85.79	2.01
S TIGARD CONN. NO. 3	292.36	292.40	2.01
NE 181ST AVE. CONN. NO. 3	12.63	12.63	2.01
S TIGARD CONN. NO. 3	292.40	292.45	2.01
ASHLAND FRONTAGE ROAD	16.20	16.33	2.01

NE RIDGE RD. FRONTAGE RD.	57.13	57.29	2.01
WASHINGTON ST. FRONT. RD.	13.86	14.09	2.01
S TIGARD CONN. NO. 3	292.30	292.36	2.01
S TIGARD CONN. NO. 2	292.63	292.89	2.01
CAMPBELL ST. INTCHGE. #2	304.76	304.77	2.01
ROGUE COMM COLL FRONT. RD.	3.39	3.47	2.01
HOLMAN PARK FRONTAGE RD.	22.07	22.19	2.01
SUNNYHILL FRONTAGE RD.	22.53	22.66	2.01
WEIGHSTATION CONN.	21.44	21.70	2.01
EOLA FRONTAGE RD. NO. 2	21.65	21.77	2.01
CORNELIUS PASS FRONT. RD.	62.53	62.63	2.01
CUMULUS AVE. CONNECTION	47.39	47.47	2.01
WINERY LN. FRONTAGE ROAD	76.12	76.18	2.01
SYLVAN CONN. NO. 1	70.93	71.05	2.01
SUNSET CONN. NO. 8	1.25	1.31	2.01
MURRAY BLVD. CONN. NO. 5	66.78	66.78	2.01
MURRAY BLVD. CONN. NO. 3	67.42	67.53	2.01
MURRAY BLVD. CONN. NO. 4	67.42	67.43	2.01
	12.31	12.36	2.01
PARK PLACE CONN. NO. 3	10.37	10.42	2.01
SUNNYSIDE RD. CONN. NO. 3	15.18	15.35	2.01
PARK PLACE CONN. NO. 2	10.23	10.46	2.01
PARK PLACE CONN. NO. 4	9.83	9.98	2.01
PARK PLACE CONN. NO. 3	10.32	10.37	2.01
DIVISION&POWELL CONN. #5	19.93	19.93	2.01
PARK PLACE CONN. NO. 1	9.99	10.22	2.01
PARK PLACE CONN. NO. 4	9.66	9.75	2.01
PARK PLACE CONN. NO. 2	10.20	10.22	2.01
PARK PLACE CONN. NO. 3	10.46	10.57	2.01
SUNNYSIDE RD. CONN. NO. 4	14.13	14.29	2.01
SUNSET HWY CONN. NO. 2	0.35	0.45	2.01
DENNEY RD. CONN. NO. 1	2.78	3.01	2.01
S. TIGARD CONN. NO. 2	7.11	7.12	2.01
S. TIGARD CONN. NO. 2	7.12	7.16	2.01
S. TIGARD CONN. NO. 1	7.16	7.18	2.01
DENNEY RD. CONN. NO. 3	3.02	3.08	2.01
S. TIGARD CONN. NO. 1	7.18	7.19	2.01
DENNEY RD. CONN. NO. 5	2.58	2.80	2.01
DENNEY RD. CONN. NO. 4	3.39	3.45	2.01
Sunset Hwy. Conn. No. 4	0.58	0.62	2.01
BREWERY GRADE FRONTAGE RD.	18.74	18.92	2.01
KUEBLER CONN. NO. 2	251.59	251.72	1.13
KUEBLER CONN. NO. 2	251.34	251.35	1.13
N ALBANY CONN. NO. 3	234.27	234.33	1.13
REED MARKET RD. CONN. NO 2	139.07	139.11	1.13
REED MARKET RD. CONN. NO 5	139.38	139.40	1.13
REED MARKET RD. CONN. NO 5	139.37	139.38	1.13
REED MARKET RD. CONN. NO 3	139.28	139.35	1.13
S PENDLETON INTCHG. CONN.	211.34	211.65	1.13
JACKSON SCHOOL RD. CONN. 3	58.74	59.14	1.13
JACKSON SCHOOL RD. CONN. 1	58.42	58.75	1.13
HELVETIA RD. CONN. NO. 1	60.86	61.09	1.13
JACKSON SCHOOL RD. CONN. 5	58.07	58.41	1.13
STAYTON-SUBLIMITY CONN. 2	13.50	13.53	1.13
GOLF CLUB RD. CONN. NO. 2	11.72	11.81	1.13
FERN RIDGE RD. CONN. NO. 1	14.23	14.27	1.13
NEHALEM	88.54	88.59	1.13
PACIFIC	199.84	216.57	1.11
PACIFIC	99.80	103.67	1.11
PACIFIC	263.86	271.55	1.11
PACIFIC	272.45	282.04	1.11
PACIFIC	235.67	238.23	1.11
PACIFIC	49.63	55.53	1.11
PACIFIC	195.42	195.43	1.11
PACIFIC	172.28	172.48	1.11
PACIFIC	31.82	32.29	1.11
PACIFIC	49.61	55.51	1.11
PACIFIC	307.05	307.19	1.11
PACIFIC	99.79	103.72	1.11
PACIFIC	238.58	244.68	1.11
PACIFIC	35.80	40.67	1.11
W VALLEY VIEW CONN. NO. 3	21.18	21.19	1.11
PACIFIC	35.46	35.49	1.11
PACIFIC	14.77	14.96	1.11
PACIFIC	59.36	61.52	1.11
PACIFIC	307.19	307.24	1.11
PACIFIC	5.29	11.54	1.11

PACIFIC	306.17	306.56	1.11
PACIFIC	199.85	216.56	1.11
PACIFIC	190.51	190.59	1.11
PACIFIC	131.98	134.98	1.11
PACIFIC	195.94	197.30	1.11
PACIFIC	56.27	56.30	1.11
PACIFIC	16.37	16.58	1.11
PACIFIC	238.24	238.74	1.11
PACIFIC	182.91	187.45	1.11
PACIFIC	199.55	199.58	1.11
PACIFIC	43.75	45.48	1.11
PACIFIC	43.74	45.48	1.11
PACIFIC	282.26	282.57	1.11
PACIFIC	283.01	283.36	1.11
PACIFIC	126.23	127.78	1.11
PACIFIC	135.31	135.72	1.11
PACIFIC	135.32	135.72	1.11
PACIFIC	251.41	253.53	1.11
PACIFIC	45.48	48.37	1.11
PACIFIC	17.75	19.11	1.11
PACIFIC	238.74	244.69	1.11
PACIFIC	195.88	197.27	1.11
PACIFIC	42.65	43.55	1.11
PACIFIC	35.47	35.78	1.11
PACIFIC	35.49	40.66	1.11
PACIFIC	11.87	13.13	1.11
PACIFIC	228.10	232.87	1.11
PACIFIC	197.83	199.20	1.11
PACIFIC	131.47	131.63	1.11
PACIFIC	260.76	261.50	1.11
PACIFIC	192.75	193.03	1.11
PACIFIC	182.93	187.41	1.11
PACIFIC	249.00	250.00	1.11
PACIFIC	131.97	134.97	1.11
PACIFIC	119.77	119.86	1.11
PACIFIC	31.80	32.26	1.11
PACIFIC	11.85	13.09	1.11
PACIFIC	282.34	282.56	1.11
PACIFIC	114.21	118.30	1.11
PACIFIC	190.48	190.51	1.11
PACIFIC	120.22	122.70	1.11
PACIFIC	11.44	11.47	1.11
PACIFIC	43.54	43.75	1.11
PACIFIC	57.70	57.88	1.11
PACIFIC	251.42	253.68	1.11
PACIFIC	129.81	130.63	1.11
PACIFIC	248.96	249.97	1.11
PACIFIC	40.66	40.68	1.11
PACIFIC	11.59	11.87	1.11
PACIFIC	262.54	263.45	1.11
PACIFIC	238.23	238.58	1.11
PACIFIC	16.38	16.62	1.11
PACIFIC	43.55	43.74	1.11
PACIFIC	59.36	61.54	1.11
PACIFIC	174.99	181.94	1.11
PACIFIC	24.99	25.97	1.11
PACIFIC	191.40	191.56	1.11
PACIFIC	17.75	19.07	1.11
PACIFIC	199.56	199.65	1.11
PACIFIC	57.68	57.87	1.11
PACIFIC	55.51	55.52	1.11
PACIFIC	262.60	263.40	1.11
PACIFIC	263.72	271.37	1.11
PACIFIC	190.53	190.59	1.11
PACIFIC	195.35	195.43	1.11
PACIFIC	56.28	56.30	1.11
PACIFIC	258.97	259.03	1.11
PACIFIC	307.14	307.18	1.11
PACIFIC	234.21	234.39	1.11
PACIFIC	5.37	11.59	1.11
PACIFIC	253.54	253.65	1.11
MURDER CREEK CONN. NO. 1	235.62	235.64	1.11
PACIFIC	119.78	119.85	1.11
PACIFIC	19.11	23.53	1.11
PACIFIC	258.94	258.99	1.11
PACIFIC	120.23	122.73	1.11
PACIFIC	19.07	23.51	1.11

PACIFIC	174.95	181.92	1.11
PACIFIC	272.50	282.26	1.11
PACIFIC	11.54	11.85	1.11
PACIFIC	234.39	235.67	1.11
PACIFIC	289.67	289.75	1.11
PACIFIC	129.82	130.64	1.11
PACIFIC	234.27	234.69	1.11
PACIFIC	190.48	190.53	1.11
PACIFIC	234.69	235.68	1.11
PACIFIC	172.30	172.51	1.11
PACIFIC	42.69	43.54	1.11
PACIFIC	34.46	35.46	1.11
PACIFIC	271.46	271.57	1.11
PACIFIC	14.77	14.90	1.11
PACIFIC	260.76	261.49	1.11
PACIFIC	228.13	232.89	1.11
PACIFIC	34.48	35.47	1.11
PACIFIC	114.23	118.32	1.11
PACIFIC	235.68	238.24	1.11
PACIFIC	192.79	193.07	1.11
PACIFIC	45.48	48.38	1.11
PACIFIC	191.39	191.54	1.11
PACIFIC	24.98	25.96	1.11
PACIFIC	131.47	131.64	1.11
PACIFIC	283.07	283.21	1.11
PACIFIC	197.85	199.25	1.11
PACIFIC	126.24	127.77	1.11
PACIFIC	306.16	306.55	1.11
COLUMBIA RIVER	85.70	87.01	1.11
COLUMBIA RIVER	52.64	61.81	1.11
COLUMBIA RIVER	61.76	62.03	1.11
COLUMBIA RIVER	18.07	35.16	1.11
COLUMBIA RIVER	70.46	81.90	1.11
COLUMBIA RIVER	64.22	69.18	1.11
COLUMBIA RIVER	87.01	96.95	1.11
COLUMBIA RIVER	18.07	35.17	1.11
COLUMBIA RIVER	16.54	16.70	1.11
COLUMBIA RIVER	85.70	87.01	1.11
COLUMBIA RIVER	62.05	62.36	1.11
COLUMBIA RIVER	13.28	13.64	1.11
COLUMBIA RIVER	13.27	13.65	1.11
COLUMBIA RIVER	70.44	81.92	1.11
COLUMBIA RIVER	16.55	16.75	1.11
COLUMBIA RIVER	82.93	83.45	1.11
COLUMBIA RIVER	62.03	62.34	1.11
COLUMBIA RIVER	46.32	61.76	1.11
COLUMBIA RIVER	82.94	83.47	1.11
COLUMBIA RIVER	61.81	62.05	1.11
COLUMBIA RIVER	87.01	96.92	1.11
COLUMBIA RIVER	64.23	69.18	1.11
OLD OREGON TRAIL	207.47	208.50	1.11
OLD OREGON TRAIL	298.94	302.66	1.11
OLD OREGON TRAIL	304.93	306.57	1.11
OLD OREGON TRAIL	376.26	376.54	1.11
OLD OREGON TRAIL	211.08	213.04	1.11
OLD OREGON TRAIL	375.87	375.96	1.11
OLD OREGON TRAIL	304.90	306.54	1.11
OLD OREGON TRAIL	207.45	208.55	1.11
OLD OREGON TRAIL	262.59	262.61	1.11
OLD OREGON TRAIL	259.33	259.98	1.11
OLD OREGON TRAIL	374.53	374.99	1.11
OLD OREGON TRAIL	376.98	378.01	1.11
OLD OREGON TRAIL	259.35	260.15	1.11
OLD OREGON TRAIL	376.97	378.01	1.11
OLD OREGON TRAIL	189.11	207.15	1.11
OLD OREGON TRAIL	262.49	262.59	1.11
OLD OREGON TRAIL	371.48	374.53	1.11
OLD OREGON TRAIL	371.43	374.53	1.11
OLD OREGON TRAIL	211.03	213.04	1.11
OLD OREGON TRAIL	207.10	207.45	1.11
OLD OREGON TRAIL	374.53	375.01	1.11
OLD OREGON TRAIL	375.89	375.93	1.11
OLD OREGON TRAIL	207.15	207.47	1.11
OLD OREGON TRAIL	298.90	302.66	1.11
OLD OREGON TRAIL	189.13	207.10	1.11
OLD OREGON TRAIL	376.21	376.55	1.11
OREGON COAST	241.81	241.82	1.11

CRATER LAKE AVE FRONT. RD.	2.27	2.48	1.11
CRATER LAKE AVE FRONT. RD.	4.72	4.98	1.11
CRATER LAKE AVE FRONT. RD.	3.92	4.26	1.11
SUNSET	63.31	63.40	1.11
SUNSET	61.04	61.20	1.11
SALMON RIVER	59.10	59.66	1.11
SUNSET	60.86	61.23	1.11
KLAMATH FALLS-MALIN	2.15	2.18	1.11
SUNSET	60.00	60.74	1.11
SALMON RIVER	55.78	55.80	1.11
UMATILLA-STANFIELD	12.62	12.62	1.11
SUNSET	63.19	63.20	1.11
SALMON RIVER	55.48	55.78	1.11
SALMON RIVER	56.97	58.06	1.11
WILSON RIVER	3.29	3.81	1.11
SUNSET	63.37	63.43	1.11
PACIFIC HIGHWAY EAST	37.06	38.06	1.11
EAST PORTLAND FREEWAY	7.45	7.60	1.11
PACIFIC HIGHWAY EAST	33.92	35.59	1.11
MCNARY	1.00	1.26	1.11
PACIFIC HIGHWAY WEST	60.03	62.00	1.11
MCNARY	0.00	1.00	1.11
MCNARY	0.00	0.89	1.11
EAST PORTLAND FREEWAY	16.37	16.66	1.11
EAST PORTLAND FREEWAY	7.45	7.61	1.11
EAST PORTLAND FREEWAY	16.37	16.66	1.11
MCNARY	1.86	10.69	1.11
EAST PORTLAND FREEWAY	3.73	5.57	1.11
MCNARY	1.79	10.78	1.11
EAST PORTLAND FREEWAY	3.71	5.59	1.11
WEST FRONTAGE RD.	-5.51	-5.42	1.11
FORT STEVENS	2.83	3.04	1.11
WOODBURN CONN. NO. 1	37.03	37.05	1.11
WILLAMINA-SHERIDAN	0.56	1.56	1.11
SILVER CREEK FALLS	38.89	38.97	1.11
WILLAMINA-SHERIDAN	3.63	5.22	1.11
HILLSBORO-SILVERTON	48.72	49.05	1.11
HISTORIC COLUMBIA RIVER	70.37	70.83	1.11
HILLSBORO-SILVERTON	40.12	41.52	1.11
SILVER CREEK FALLS	38.55	38.77	1.11
SILVER CREEK FALLS	39.00	39.10	1.11
GOSHEN-DIVIDE	13.75	13.75	1.11
CENTURY DRIVE	4.63	5.42	1.11
CULVER	4.92	6.18	1.11
EUGENE-SPRINGFIELD	6.92	7.47	1.11
EUGENE-SPRINGFIELD	8.17	8.64	1.11
KINGS VALLEY	5.04	5.15	1.11
HOOD RIVER	4.00	4.98	1.11
MAPLETON-JUNCTION CITY	50.59	51.54	1.11
	251.10	251.13	1.08
PACIFIC HWY CONN. NO. 1	1.72	1.73	1.08
VAN DUYN RD. CONN. NO. 2	199.10	199.13	1.07
N ALBANY CONN. NO. 2	234.25	234.26	1.07
BROOKS CONN. NO. 2	263.39	263.48	1.07
REED MARKET RD. CONN. NO 2	139.05	139.07	1.07
DELTA PARK CONN. NO. 3	5.27	5.30	1.07
DEER PARK DR. FRONTAGE RD.	3.68	4.04	1.07
W. HOOD RIVER CONN. NO. 2	48.92	48.94	1.07
CHENOWETH CONN. NO. 2	82.22	82.23	1.06
WILKES FRONTAGE RD. NO. 2	13.35	13.41	1.06
NW EXPRESSWAY CONN. NO. 2	7.16	7.33	1.06
DELTA HIGHWAY CONN. NO. 3	10.16	10.26	1.06
NW EXPRESSWAY CONN. NO. 3	7.03	7.14	1.06
NW EXPRESSWAY CONN. NO. 2	7.16	7.18	1.06
W. PENDLETON CONN. NO. 3	0.34	0.61	1.06
NW EXPRESSWAY CONN. NO. 3	6.82	6.95	1.06
W. PENDLETON CONN. NO. 1	0.26	0.60	1.06
PRAIRIE RD. CONN. NO. 2	6.97	7.13	1.06
DELTA HIGHWAY CONN. NO. 2	9.89	9.98	1.06
PACIFIC HWY WEST CONN. #1	6.28	6.40	1.06
PRAIRIE RD. CONN. NO. 1	6.83	6.97	1.06
NW EXPRESSWAY CONN. NO. 4	7.54	7.66	1.06
NW EXPRESSWAY CONN. NO. 1	7.09	7.26	1.06
DELTA HIGHWAY CONN. NO. 1	9.89	10.21	1.06
	-5.19	-5.08	1.06
OLD ALIGNMENT FRONTAGE RD	8.91	9.07	1.06
FRANKLIN BLVD. FRONTAGE RD	1.48	1.59	1.06

OLD ALIGNMENT FRONTAGE RD	8.37	8.66	1.06
MCVAY INTCHG. FRONTAGE RD.	190.68	190.75	1.03
CHEMAWA RD. CONN. NO. 4	260.57	260.83	1.03
RIDDLE RD. CONN. NO. 4	104.10	104.31	1.03
COTTAGE GROVE CONN. NO. 5	174.78	174.95	1.03
COTTAGE GROVE CONN. NO. 3	175.24	175.34	1.03
DEADY CONN. NO. 3	135.13	135.32	1.03
VAN DUYN RD. CONN. NO. 4	199.38	199.61	1.03
N ALBANY CONN. NO. 4	234.11	234.13	1.03
CHEMAWA RD. CONN. NO. 3	260.23	260.66	1.03
VAN DUYN RD. CONN. NO. 5	198.54	198.61	1.03
FAIRGROUNDS CONN. NO. 1	122.76	122.79	1.03
HILLSBORO-SILVERTON HWY	271.68	272.13	1.03
DEADY CONN. NO. 1	134.97	135.15	1.03
KANE CREEK CONN. NO. 2	40.97	41.12	1.03
DEADY CONN. NO. 4	135.39	135.56	1.03
RIDDLE RD. CONN. NO. 2	103.72	103.95	1.03
COTTAGE GROVE CONN. NO. 6	174.57	174.75	1.03
RIDDLE RD. CONN. NO. 5	103.56	103.76	1.03
COTTAGE GROVE CONN. NO. 2	174.80	174.99	1.03
COMMERCIAL ST. CONN. NO. 1	249.51	249.55	1.03
VAN DUYN RD. CONN. NO. 3	199.28	199.54	1.03
KANE CREEK CONN. NO. 1	40.67	40.82	1.03
MCVAY HWY. CONN.	190.80	190.87	1.03
CENTURY DR. FRONTAGE RD.	234.23	234.41	1.03
DEADY CONN. NO. 5	134.71	134.88	1.03
COMMERCIAL ST. CONN. NO. 3	248.39	248.48	1.03
MCVAY HWY. CONN.	191.01	191.03	1.03
CHEMAWA RD. CONN. NO. 1	260.23	260.24	1.03
N ALBANY CONN. NO. 1	234.07	234.28	1.03
COTTAGE GROVE CONN. NO. 2	174.72	174.80	1.03
COTTAGE GROVE CONN. NO. 3	175.17	175.24	1.03
RIDDLE RD. CONN. NO. 1	103.71	103.98	1.03
MCVAY INTCHG. FRONTAGE RD.	190.76	190.85	1.03
EGGE FRONTAGE RD.	197.44	197.65	1.03
SWIFT UNION CONN. NO. 2	307.23	307.43	1.03
DELTA PARK CONN. NO. 1	306.55	306.57	1.03
UPPER BOONES FERRY RD CN 4	291.50	291.56	1.03
RIDDLE RD. CONN. NO. 6	103.96	104.07	1.03
NE 181ST AVE. CONN. NO. 2	13.21	13.26	1.03
SWIFT UNION CONN. NO. 4	307.71	307.87	1.03
S MEDFORD CONN. NO. 6	27.86	27.91	1.03
BELTLINE HWY. CONN. NO. 2	195.44	195.60	1.03
DEL RIO RD. CONN. NO. 2	129.71	129.81	1.03
	195.97	195.98	1.03
HUBBARD INTCHG. CONN. NO 3	282.56	282.91	1.03
SWIFT UNION CONN. NO. 1	307.33	307.34	1.03
NE MARINE DR. CONN.	16.94	16.95	1.03
DELTA PARK CONN. NO. 3	306.13	306.29	1.03
BELTLINE HWY. CONN. NO. 1	195.29	195.44	1.03
S MEDFORD CONN. NO. 7	27.86	27.92	1.03
SWIFT UNION CONN. NO. 4	307.90	307.91	1.03
UPPER BOONES FERRY RD CN 4	291.58	291.60	1.03
DELTA PARK CONN. NO. 1	306.83	306.84	1.03
OAKLAND-SHADY HWY CONN. 1	120.62	120.63	1.03
HUBBARD INTCHG. CONN. NO 1	282.54	282.59	1.03
SWIFT UNION CONN. NO. 1	307.59	307.64	1.03
BELTLINE HWY. CONN. NO. 3	195.38	195.39	1.03
S MEDFORD CONN. NO. 4	27.29	27.43	1.03
SWIFT UNION CONN. NO. 1	306.70	306.84	1.03
HUBBARD INTCHG. CONN. NO 4	282.86	283.11	1.03
SWIFT UNION CONN. NO. 3	307.57	307.58	1.03
STAFFORD RD. CONN. NO. 1	286.45	286.72	1.03
SWIFT UNION CONN. NO. 4	307.87	307.90	1.03
	195.96	195.97	1.03
2ND. ST. CONN. NO. 1	64.10	64.12	1.03
DEL RIO RD. CONN. NO. 3	129.79	129.90	1.03
NORTH ROSEBURG CONN. NO. 6	126.14	126.19	1.03
	272.12	272.40	1.03
BELTLINE HWY. CONN. NO. 3	195.31	195.38	1.03
S MEDFORD CONN. NO. 9	27.04	27.08	1.03
BELTLINE HWY. CONN. NO. 3	195.54	195.55	1.03
SWIFT UNION CONN. NO. 1	307.22	307.33	1.03
BELTLINE HWY. CONN. NO. 2	195.44	195.45	1.03
SWIFT UNION CONN. NO. 3	307.58	307.71	1.03
SWIFT UNION CONN. NO. 3	307.71	307.84	1.03
DELTA PARK CONN. NO. 1	306.72	306.84	1.03

BELTLINE HWY. CONN. NO. 1	195.44	195.45	1.03
SWIFT UNION CONN. NO. 4	307.91	307.93	1.03
UPPER BOONES FERRY RD CN 3	291.55	291.58	1.03
DELTA PARK CONN. NO. 1	306.84	306.95	1.03
OAKLAND-SHADY HWY CONN. 3	120.02	120.13	1.03
BELTLINE HWY. CONN. NO. 3	195.53	195.54	1.03
SWIFT UNION CONN. NO. 1	306.84	307.03	1.03
N SUNDIAL FRONTAGE RD.	16.44	16.57	1.03
HUBBARD INTCHG. CONN. NO 5	282.05	282.06	1.03
SWIFT UNION CONN. NO. 1	306.83	306.84	1.03
BELTLINE HWY. CONN. NO. 1	195.44	195.48	1.03
SWIFT UNION CONN. NO. 3	307.51	307.57	1.03
S MEDFORD CONN. NO. 6	27.72	27.86	1.03
	271.60	271.65	1.03
IDAHO AVE. CONN. NO. 2	376.75	376.90	1.03
IDAHO AVE. CONN. NO. 4	376.78	376.82	1.03
MCNARY HWY. CONN. NO. 1	184.08	184.26	1.03
IDAHO AVE. CONN. NO. 2	376.65	376.75	1.03
NE 181ST AVE. CONN. NO. 4	13.49	13.56	1.03
IDAHO AVE. CONN. NO. 4	376.82	377.07	1.03
IDAHO AVE. CONN. NO. 1	376.53	376.74	1.03
WESTCLIFF DR. FRONTAGE RD.	62.38	62.79	1.03
IDAHO AVE. CONN. NO. 3	376.97	377.21	1.03
	64.11	64.12	1.03
CLAUDE FRONTAGE RD.	376.98	377.05	1.03
HELVETIA RD. CONN. NO. 4	61.26	61.32	1.03
HELVETIA RD. CONN. NO. 3	61.24	61.35	1.03
VANCOUVER AVE. CONN. NO. 3	4.51	4.55	1.03
VANCOUVER AVE. CONN. NO. 7	4.55	4.58	1.03
	12.78	12.78	1.03
COLUMBIA RIVER HWY CONN. 1	0.85	0.99	1.03
SWIFT CONN. NO. 1	6.09	6.17	1.03
JOHNSON CR. BLVD CONN NO 1	16.06	16.20	1.03
	12.77	12.78	1.03
PACIFIC HWY CONN. NO. 4	12.78	12.79	1.03
PACIFIC HWY CONN. NO. 4	12.87	12.88	1.03
VANCOUVER AVE. CONN. NO. 3	4.44	4.46	1.03
PACIFIC HWY. CONN. NO. 3	12.97	13.22	1.03
	12.78	13.02	1.03
SWIFT CONN. NO. 2	6.03	6.13	1.03
	13.02	13.04	1.03
VANCOUVER AVE. CONN. NO. 3	4.55	4.58	1.03
HAYESVILLE CONN. NO. 1	46.32	46.35	1.03
VANCOUVER AVE. CONN. NO. 5	4.73	4.96	1.03
PACIFIC HWY CONN. NO. 4	13.02	13.02	1.03
	13.04	13.04	1.03
DELTA HIGHWAY CONN. NO. 4	10.15	10.30	1.03
PACIFIC HWY CONN. NO. 4	12.96	13.02	1.03
BELT LINE HWY CONN. NO. 1	118.35	118.44	1.03
	13.04	13.11	1.03
SWIFT CONN. NO. 1	6.43	6.50	1.03
BELT LINE HWY CONN. NO. 1	118.44	118.65	1.03
PACIFIC HWY CONN. NO. 4	13.02	13.03	1.03
PACIFIC HWY CONN. NO. 4	13.03	13.03	1.03
VANCOUVER AVE. CONN. NO. 3	4.46	4.49	1.03
JOHNSON CR. BLVD CONN NO 3	15.94	16.04	1.03
BELT LINE HWY CONN. NO. 2	118.29	118.44	1.03
E. ELLIGSEN RD-PACIFIC HWY	13.09	13.12	1.03
E. ELLIGSEN RD-PACIFIC HWY	12.87	13.09	1.03
N. ST. JOHNS BR FRONT. RD.	7.04	7.11	1.03
PROGRESS CONN. NO. 1	4.17	4.23	1.03
W. ELLIGSEN RD-PACIFIC HWY	12.88	13.10	1.03
HARBORTON DR. FRONTAGE RD.	9.78	9.94	1.03
PACIFIC HWY. CONN. NO. 1	2.68	3.01	1.03
WOODBURN CONN. NO. 1	36.70	36.92	1.03
	36.75	36.90	1.03
PACIFIC HWY & ELLIGSEN RD	12.96	13.33	1.03
WOODBURN CONN. NO. 2	37.10	37.24	1.03
SWIFT FRONTAGE RD.	2.62	2.74	1.03
W. ELLIGSEN RD-PACIFIC HWY	13.10	13.13	1.03
WOODBURN CONN. NO. 1	36.70	36.70	1.03
NW MARINA WAY FRONTAGE RD.	9.24	10.05	1.03
EUGENE FRONTAGE RD.	121.64	121.86	1.03
WEBSTER RD. CONN. NO. 2	5.23	5.28	1.03
MCVAY CONN. NO. 1	1.40	1.41	1.03
SAMS VALLEY HWY. SPUR CONN	3.02	3.22	1.03
MCVAY CONN. NO. 2	1.42	1.46	1.03

IDAHO AVENUE CONN. NO. 1	27.65	27.95	1.03
IDAHO AVENUE CONN. NO. 2	27.82	28.05	1.03
MILLINGTON FRONTAGE RD.	241.26	241.28	1.02
CLAYTON CREEK FRONTAGE RD.	24.08	24.11	1.02
CHEHALEM RD. CONN.	18.78	18.78	1.02
CRATER LAKE HWY CONN. NO 3	30.60	30.78	1.01
PORT OF ENTRY CONN. NO. 1	17.72	17.75	1.01
GARDEN VALLEY CONN. NO. 1	124.80	125.05	1.01
KUEBLER CONN. NO. 1	251.14	251.42	1.01
SE TAYLOR AVE. CONN.	173.41	173.42	1.01
MANZANITA S.R.A. CONN NO 2	62.56	62.96	1.01
COMMERCIAL ST. CONN. NO. 3	248.91	248.94	1.01
ROGUE RIVER CONN. NO. 1	48.51	48.69	1.01
BRENTWOOD LANE FRONT. RD.	249.99	250.36	1.01
ROGUE RIVER CONN. NO. 2	48.96	49.03	1.01
COMMERCIAL ST. CONN. NO. 3	248.91	248.94	1.01
JUDKINS POINT CONN. NO. 3	191.98	192.05	1.01
CHEMAWA RD. CONN. NO. 6	259.32	259.64	1.01
CHEMAWA RD. CONN. NO. 5	259.44	259.48	1.01
CRESWELL CONN. NO. 1	182.57	182.74	1.01
N GRANTS PASS INTCHG.	57.93	57.93	1.01
Q STREET CONN. NO. 3	194.19	194.37	1.01
BATTLE CREEK CONN. NO. 3	248.62	248.82	1.01
Q STREET CONN. NO. 2	194.05	194.31	1.01
GARDEN VALLEY CONN. NO. 2	124.88	125.00	1.01
JUDKINS POINT CONN. NO. 4	192.05	192.14	1.01
BROOKS CONN. NO. 3	263.50	263.76	1.01
HAYESVILLE CONN. NO. 1	258.45	258.55	1.01
MANZANITA S.R.A. CONN NO 3	63.30	63.64	1.01
N SANTIAM CONN. NO. 1	253.69	253.84	1.01
COMMERCIAL ST. CONN. NO. 2	249.04	249.05	1.01
CHEMAWA RD. CONN. NO. 1	259.70	260.07	1.01
COMMERCIAL ST. CONN. NO. 1	248.76	248.99	1.01
N SANTIAM CONN. NO. 2	254.52	254.57	1.01
MANZANITA S.R.A. CONN NO 1	62.57	63.00	1.01
N SANTIAM CONN. NO. 2	254.25	254.52	1.01
BATTLE CREEK CONN. NO. 2	248.40	248.76	1.01
MANZANITA S.R.A. CONN NO 3	63.17	63.30	1.01
E GRANTS PASS CONN. NO. 1	55.54	55.67	1.01
JUDKINS POINT CONN. NO. 4	192.01	192.05	1.01
CHEMAWA RD. CONN. NO. 5	259.32	259.44	1.01
GOSHEN CONN. NO. 1	188.05	188.10	1.01
24TH AVE. FRONTAGE RD.	191.90	191.91	1.01
COOS BAY-ROSEBURG HWY CONN	119.65	119.79	1.01
MANZANITA S.R.A. CONN NO 1	62.52	62.57	1.01
MARKET ST. CONN. NO. 1	255.95	256.07	1.01
MANZANITA S.R.A. CONN NO 2	62.96	63.11	1.01
GREEN SPRINGS CONN. NO. 2	14.41	14.52	1.01
ROGUE RIVER CONN. NO. 3	49.01	49.11	1.01
BROOKS CONN. NO. 1	263.37	263.52	1.01
JUDKINS POINT CONN. NO. 1	191.76	191.99	1.01
MARKET ST. CONN. NO. 3	256.62	256.63	1.01
COMMERCIAL ST. CONN. NO. 1	248.99	249.00	1.01
24TH AVE. FRONTAGE RD.	191.52	191.90	1.01
LOUSE CREEK CONN. NO. 2	61.54	61.71	1.01
N SANTIAM CONN. NO. 3	254.52	254.56	1.01
COMMERCIAL ST. CONN. NO. 1	248.99	249.00	1.01
CRATER LAKE HWY CONN. NO 3	30.79	30.87	1.01
GREEN SPRINGS CONN. NO. 1	13.96	14.15	1.01
GOSHEN CONN. NO. 4	188.85	188.89	1.01
HAYESVILLE CONN. NO. 2	259.07	259.12	1.01
SUTHERLIN CONN. NO. 3	136.48	136.51	1.01
JUDKINS POINT CONN. NO. 3	191.83	191.98	1.01
CRESWELL CONN. NO. 2	183.23	183.23	1.01
HARVARD AVE. CONN. NO. 1	123.80	123.86	1.01
CHEMAWA RD. CONN. NO. 1	260.07	260.20	1.01
MANZANITA S.R.A. CONN NO 4	62.47	62.60	1.01
Q STREET CONN. NO. 2	194.03	194.05	1.01
BROOKS CONN. NO. 4	263.69	263.77	1.01
E GRANTS PASS CONN. NO. 2	56.30	56.65	1.01
LONDON RD. CONN. NO. 1	172.17	172.28	1.01
CHEMAWA RD. CONN. NO. 5	259.48	259.69	1.01
ROGUE RIVER CONN. NO. 4	48.28	48.51	1.01
JUDKINS POINT CONN. NO. 5	191.60	191.80	1.01
COOS BAY-ROSEBURG HWY CONN	119.84	119.88	1.01
COMMERCIAL ST. CONN. NO. 2	249.04	249.05	1.01
COMMERCIAL ST. CONN. NO. 1	248.58	248.76	1.01

MANZANITA S.R.A. CONN NO 4	62.15	62.47	1.01
Q STREET CONN. NO. 1	193.86	194.06	1.01
GARDEN VALLEY CONN. NO. 6	124.82	124.87	1.01
	24.41	24.53	1.01
NYBERG RD. CONN. NO. 6	289.47	289.51	1.01
	24.35	24.44	1.01
JORDAN CONN. NO. 2	18.53	18.59	1.01
HOOD RIVER FRONTAGE RD.	63.62	63.66	1.01
BREWERY GRADE CONN. NO. 4	85.99	86.22	1.01
	24.14	24.35	1.01
S MEDFORD CONN. NO. 2	27.16	27.20	1.01
	24.45	24.53	1.01
COLUMBIA BLVD. CONN. NO. 1	305.94	306.15	1.01
	251.25	251.34	1.01
	23.81	23.92	1.01
S MEDFORD CONN. NO. 1	27.16	27.20	1.01
JORDAN CONN. NO. 2	18.24	18.32	1.01
BREWERY GRADE CONN. NO. 1	85.51	85.72	1.01
	24.88	24.97	1.01
S MEDFORD CONN. NO. 1	26.91	27.16	1.01
COLUMBIA RIVER HWY CONN. 3	300.96	300.97	1.01
NYBERG RD. CONN. NO. 1	289.28	289.54	1.01
BREWERY GRADE CONN. NO. 4	85.81	85.99	1.01
JORDAN CONN. NO. 1	17.84	17.85	1.01
	252.16	252.53	1.01
W THE DALLES CONN. NO. 3	83.96	84.20	1.01
E PORTLAND FREEWAY CONN.	288.21	288.51	1.01
	24.35	24.36	1.01
	24.35	24.46	1.01
W THE DALLES CONN. NO. 6	83.26	83.31	1.01
JORDAN CONN. NO. 2	18.51	18.53	1.01
	250.53	250.56	1.01
	24.88	24.93	1.01
	250.73	251.06	1.01
COLUMBIA BLVD. CONN. NO. 1	306.24	306.48	1.01
UPPER BOONES FERRY RD CN 1	291.16	291.35	1.01
NYBERG RD. CONN. NO. 6	289.30	289.47	1.01
	24.49	24.53	1.01
	24.71	24.88	1.01
GOSHEN CONN. NO. 5	188.84	188.99	1.01
MARKET ST. CONN. NO. 2	256.60	256.67	1.01
2ND. ST. CONN. NO. 1	63.72	63.74	1.01
	24.88	24.97	1.01
COLUMBIA RIVER HWY CONN. 7	302.33	302.34	1.01
2ND. ST. CONN. NO. 2	64.46	64.52	1.01
NYBERG RD. CONN. NO. 5	289.13	289.22	1.01
	24.49	24.53	1.01
NYBERG RD. CONN. NO. 4	289.84	290.01	1.01
	24.35	24.36	1.01
W THE DALLES CONN. NO. 6	83.14	83.22	1.01
JORDAN CONN. NO. 1	17.94	18.02	1.01
	23.91	23.92	1.01
NYBERG RD. CONN. NO. 3	289.51	289.67	1.01
JORDAN CONN. NO. 2	18.53	18.53	1.01
S MEDFORD CONN. NO. 4	27.24	27.24	1.01
UPPER BOONES FERRY RD CN 3	291.33	291.39	1.01
S MEDFORD CONN. NO. 8	26.57	26.59	1.01
	196.00	196.00	1.01
BREWERY GRADE CONN. NO. 1	85.30	85.51	1.01
NE 181ST AVE. CONN. NO. 3	12.63	12.71	1.01
CHENOWETH CONN. NO. 1	81.90	82.08	1.01
COLUMBIA BLVD. CONN. NO. 2	305.36	305.61	1.01
COLUMBIA RIVER HWY CONN. 3	300.93	300.96	1.01
S TIGARD CONN. NO. 3	291.92	292.05	1.01
JORDAN CONN. NO. 2	18.33	18.51	1.01
BELTLINE HWY. CONN. NO. 3	195.02	195.17	1.01
W THE DALLES CONN. NO. 4	84.24	84.48	1.01
	24.53	24.70	1.01
S MEDFORD CONN. NO. 1	27.20	27.20	1.01
	24.88	24.93	1.01
JORDAN CONN. NO. 1	17.85	17.94	1.01
	23.92	24.14	1.01
S MEDFORD CONN. NO. 8	26.59	26.87	1.01
	23.91	23.92	1.01
E PORTLAND FREEWAY CONN.	288.51	289.13	1.01
W THE DALLES CONN. NO. 1	83.45	83.57	1.01
MARKET ST. CONN. NO. 4	256.52	256.68	1.01

NE 181ST AVE. CONN. NO. 1	12.73	12.79	1.01
SW 84TH AVE. FRONTAGE RD.	287.66	287.96	1.01
N BANFIELD CONN. NO. 2	7.22	7.40	1.01
S MEDFORD CONN. NO. 9	27.12	27.14	1.01
	23.83	23.92	1.01
CHENOWETH CONN. NO. 2	82.04	82.05	1.01
207TH AVE. INTCHG. CONN. 5	14.44	14.51	1.01
122ND AVE. CONN. NO. 2	10.25	10.32	1.01
CHENOWETH CONN. NO. 2	82.10	82.11	1.01
EMIGRANT AVE. CONN. NO. 1	209.36	209.54	1.01
WALLOWA LAKE CONN. NO. 2	262.23	262.55	1.01
WALLOWA LAKE CONN. NO. 1	261.85	261.93	1.01
WESTCLIFF DR. FRONTAGE RD.	63.08	63.08	1.01
WESTCLIFF DR. FRONTAGE RD.	63.02	63.07	1.01
CHENOWETH CONN. NO. 5	82.08	82.23	1.01
CHENOWETH CONN. NO. 4	82.31	82.55	1.01
WESTCLIFF DR. FRONTAGE RD.	63.07	63.08	1.01
207TH AVE. INTCHG. CONN. 5	14.66	14.72	1.01
207TH AVE. INTCHG. CONN. 5	14.59	14.66	1.01
MCNARY HWY. CONN. NO. 1	184.32	184.36	1.01
CHENOWETH CONN. NO. 3	82.08	82.32	1.01
207TH AVE. INTCHG. CONN. 1	14.17	14.43	1.01
RICHLAND INTCHGE. CONN.	302.66	302.71	1.01
207TH AVE. INTCHG. CONN. 3	14.42	14.67	1.01
CHENOWETH CONN. NO. 2	81.96	82.04	1.01
JORDAN CONN NO. 4	17.89	18.06	1.01
THE DALLES CONN. NO. 2	83.49	83.65	1.01
JORDAN CONN NO. 3	17.76	17.89	1.01
EMIGRANT AVE. CONN. NO. 2	209.67	209.75	1.01
207TH AVE. INTCHGE CONN. 6	14.52	14.54	1.01
CHENOWETH CONN. NO. 2	82.11	82.14	1.01
EMIGRANT AVE. CONN. NO. 2	209.49	209.59	1.01
SANTIAM HWY CONN. NO. 1	1.25	1.25	1.01
RICHLAND INTCHGE. CONN.	2.66	2.71	1.01
MORGAN LANE CONN. NO. 1	2.69	2.75	1.01
WALLOWA LAKE CONN. NO. 2	0.99	1.28	1.01
PACIFIC HWY. CONN. NO.4	0.64	0.79	1.01
EMIGRANT AVE. CONN. NO. 2	1.70	1.97	1.01
PACIFIC HWY. CONN NO. 3	0.54	0.67	1.01
GOSHEN CONN. NO. 1	1.33	1.37	1.01
PACIFIC HWY CONN. NO. 2	1.38	1.65	1.01
BIDDLE RD. CONN. NO. 3	1.04	1.05	1.01
SANTIAM HWY CONN. NO. 5	1.61	1.80	1.01
EMIGRANT AVE. CONN. NO. 1	1.94	1.95	1.01
WALLOWA LAKE CONN. NO. 1	1.04	1.21	1.01
CAMPBELL ST. INTCHG. CONN.	1.47	1.59	1.01
HANNON RD. FRONTAGE RD.	10.10	10.14	1.01
GOSHEN CONN. NO. 1	0.77	0.78	1.01
EMIGRANT AVE. CONN. NO. 1	1.57	1.64	1.01
PACIFIC HWY CONN. NO. 1	1.34	1.55	1.01
CORNELIUS PASS CONN. 4	62.49	62.83	1.01
CORNELIUS PASS CONN. NO. 6	62.55	62.80	1.01
CORNELIUS PASS CONN. NO. 6	62.49	62.55	1.01
CORNELIUS PASS CONN. NO. 2	62.74	62.79	1.01
HIGHLANDS CONN NO. 1	72.03	72.17	1.01
HIGHLANDS CONN NO. 3	72.46	72.56	1.01
CORNELIUS PASS CONN. NO. 2	62.41	62.74	1.01
HIGHLANDS CONN. NO. 5	71.86	71.96	1.01
HIGHLANDS CONN NO. 2	72.18	72.36	1.01
CORNELIUS PASS CONN. 5	62.70	63.03	1.01
CORNELIUS PASS CONN. NO. 7	62.59	62.93	1.01
MURRAY BLVD. CONN. NO. 5	66.78	66.84	1.01
PACIFIC HWY CONN.	76.50	76.68	1.01
CORNELIUS PASS CONN. NO. 1	62.12	62.52	1.01
FOSTER&WOODSTOCK CONN. #1	17.49	17.55	1.01
	4.97	5.03	1.01
	5.03	5.11	1.01
MAINLINE DR. FRONTAGE RD.	2.23	2.24	1.01
	25.74	25.80	1.01
GLADSTONE CONN. NO. 3	11.23	11.33	1.01
PACIFIC HWY CONN.	1.03	1.05	1.01
PACIFIC HWY CONN.	1.02	1.03	1.01
AIRPORT WAY CONN. NO. 7	24.35	24.42	1.01
AIRPORT WAY CONN. NO. 4	24.74	24.80	1.01
N. BANFIELD CONN. NO. 1	22.89	22.97	1.01
AIRPORT WAY CONN. NO. 1	24.80	24.92	1.01
COLUMBIA BLVD. CONN. NO. 2	23.96	24.11	1.01

	12.59	12.92	1.01
GLADSTONE CONN. NO. 1	11.01	11.10	1.01
WANKERS CORNER CONN. NO. 5	2.55	2.86	1.01
WILLAMETTE FALLS VIEWPOINT	7.63	7.95	1.01
HAYESVILLE CONN. NO. 2	46.40	46.44	1.01
SUNNYBROOK CONN. NO. 4	14.01	14.05	1.01
WANKERS CORNER CONN. NO. 1	2.86	3.16	1.01
PARK PLACE CONN. NO. 4	9.75	9.83	1.01
WANKERS CORNER CONN. NO. 3	3.14	3.55	1.01
ADAIR VILLAGE FRONT. RD.#1	75.01	75.07	1.01
HAYESVILLE CONN. NO. 1	46.40	46.41	1.01
GLADSTONE CONN. NO. 2	10.88	11.00	1.01
HAYESVILLE CONN. NO. 1	46.40	46.41	1.01
DIVISION&POWELL CONN. #6	20.02	20.19	1.01
WANKERS CORNER INCHGE NO.4	3.43	3.69	1.01
	5.03	5.06	1.01
AIRPORT WAY CONN. NO. 4	24.80	24.90	1.01
AIRPORT WAY CONN. NO. 1	24.80	24.80	1.01
PACIFIC HWY CONN.	0.58	1.02	1.01
AIRPORT WAY CONN. NO. 5	25.24	25.29	1.01
AIRPORT WAY CONN. NO. 5	24.97	25.24	1.01
AIRPORT WAY CONN. NO. 7	24.42	24.55	1.01
FOSTER&WOODSTOCK CONN. #8	17.50	17.51	1.01
PARK PLACE CONN. NO. 2	10.22	10.23	1.01
LAKE RD. INTCHG. CONN.	9.78	9.88	1.01
NW EXPRESSWAY CONN. NO. 4	7.35	7.36	1.01
PACIFIC HWY CONN.	1.05	1.63	1.01
	5.06	5.08	1.01
CEDAR CREEK FRONTAGE RD.	15.84	15.88	1.01
AIRPORT WAY CONN. NO. 6	23.90	24.01	1.01
SUNNYBROOK RD. CONN. NO. 1	13.95	14.03	1.01
AIRPORT WAY CONN. NO. 1	24.73	24.80	1.01
GLADSTONE CONN. NO. 2	11.08	11.13	1.01
	12.60	12.69	1.01
N. BANFIELD CONN. NO. 2	22.93	22.98	1.01
HAYESVILLE CONN. NO. 2	46.20	46.26	1.01
LAKE RD. INTCHGE. CONN.	13.90	13.93	1.01
PARK PLACE CONN. NO. 3	10.42	10.46	1.01
PACIFIC HWY CONN. NO. 4	1.70	1.78	1.01
	88.66	88.68	1.01
Walker Rd. Conn. No. 5	0.39	0.61	1.01
I-205 CONN. NO. 2	11.46	11.58	1.01
CLACKAMAS	4.02	4.15	1.01
	88.68	88.70	1.01
	88.66	88.67	1.01
PACIFIC HWY CONN. NO. 3	1.38	1.68	1.01
PACIFIC HWY CONN. NO. 1	1.20	1.62	1.01
PACIFIC HWY CONN. NO. 3	1.68	1.74	1.01
	88.64	88.66	1.01
WALKER RD. CONN. NO. 1	0.68	0.92	1.01
WALKER RD. CONN. NO. 4	1.14	1.31	1.01
CLACKAMAS	4.17	4.23	1.01
WALKER RD. CONN. NO. 3	0.91	1.11	1.01
DENNEY RD. CONN. NO. 3	3.08	3.26	1.01
CLACKAMAS	4.15	4.17	1.01
PACIFIC HWY CONN. NO. 4	1.45	1.70	1.01
PACIFIC HWY CONN. NO. 2	1.55	1.99	1.01
DENNEY RD. CONN. NO. 4	3.23	3.39	1.01
FOOTHILL BLVD. FRONTAGE RD	1.72	1.75	1.01
Q STREET CONN. NO. 2	3.45	3.47	1.01
SUTHERLIN CONN. NO. 3	24.40	24.45	1.01
LAKE RD. CONN. NO. 2	4.09	4.15	1.01
LAKE RD. CONN. NO. 1	3.93	3.96	1.01
42ND ST. CONN. NO. 1	7.41	7.43	1.01
42ND ST. CONN. NO. 2	7.26	7.27	1.01
Q STREET CONN. NO. 3	3.73	3.79	1.01
42ND ST. CONN. NO. 2	7.46	7.47	1.01
42ND ST. CONN. NO. 2	7.13	7.26	1.01
Q STREET CONN. NO. 3	3.55	3.73	1.01
AVE. G FRONTAGE RD.	-2.65	-2.55	1.01
Q STREET CONN. NO. 4	3.79	4.00	1.01
GOSHEN INTCHGE. CONN.	0.36	0.71	1.01
42ND ST. CONN. NO. 2	7.46	7.47	1.01
Q STREET CONN. NO. 4	4.00	4.18	1.01
CRESWELL INTCHGE. CONN.	14.62	14.69	1.01
ROCK POINT FRONTAGE RD.	43.54	43.85	1
DEADY FRONTAGE RD.	135.00	135.16	1

LAMPMAN FRONTAGE RD.	43.22	43.42	1
FOLEY LANE FRONTAGE RD.	38.78	39.41	1
LOUSE CREEK CONN. NO. 4	60.85	60.95	1
FERN VALLEY RD. CONN. 2	24.67	24.69	1
KUNI FRONTAGE RD.	184.20	185.02	1
FRONTAGE RD. CONN.	237.90	238.07	1
CENTURY DR. FRONTAGE RD.	237.71	237.90	1
FOLEY LANE FRONTAGE RD.	38.73	38.78	1
CENTURY DR. FRONTAGE RD.	235.79	235.84	1
CROSBY FRONTAGE RD. E	273.21	273.87	1
ROCK POINT INTCHG. CONN.	44.21	44.23	1
MCLAIN AVE. FRONTAGE RD.	121.25	121.82	1
ARMITAGE PARK FRONTAGE RD.	197.12	197.30	1
DEAN CREEK FRONTAGE RD.	34.68	35.69	1
DEADY FRONTAGE RD.	135.16	135.21	1
HOMESTEAD INTCHG. FRONT RD	44.98	45.37	1
NELLIS AVE. FRONTAGE RD.	36.90	37.50	1
VAN DUYN RD. CONN. NO. 2	199.21	199.28	1
FRONTAGE RD. CONN.	43.05	43.12	1
COTTAGE GROVE FRONTAGE RD.	172.33	172.58	1
CENTURY DR. FRONTAGE RD.	235.88	237.71	1
COBURG EAST FRONTAGE RD.	199.15	199.35	1
ARMITAGE PARK FRONTAGE RD.	197.37	197.42	1
LAMPMAN FRONTAGE RD.	43.42	43.61	1
OLD STAGE RD. FRONTAGE RD.	43.12	43.25	1
VIEWCREST CONN. NO. 1	237.62	237.73	1
LOUSE CREEK CONN. NO. 3	61.82	61.93	1
BLACKWELL FRONTAGE RD.	38.78	38.83	1
ROCK POINT FRONTAGE RD.	43.85	44.35	1
LOUSE CREEK FRONTAGE RD.	60.85	61.19	1
MELTON FRONTAGE RD.	183.06	183.56	1
NEIL CREEK FRONTAGE ROAD	9.74	10.42	1
S SUNDIAL FRONTAGE RD.	16.69	16.74	1
CAMPBELL ST. INTCHGE. #2	304.77	304.83	1
EOLA FRONTAGE RD. NO. 1	21.33	21.42	1
E BAY DR. CONN.	233.46	233.58	1
MCVAY LANE FRONTAGE RD.	361.16	361.54	1
STONE FRONTAGE RD.	16.77	16.84	1
HOLMAN FRONTAGE RD.	22.83	22.91	1
WEIGHSTATION CONN.	21.40	21.44	1
SALEM ROAD AND DRIVEWAY FR	23.50	23.68	1
FORT STEVENS HWY FRONT. RD	9.48	9.52	1
LOST CREEK FRONTAGE RD.	147.23	147.52	1
BPA FRONTAGE RD.	23.07	23.13	1
OTIS JCT. FRONTAGE RD. #2	105.42	105.54	1
J. JARL FRONTAGE RD.	22.00	22.14	1
144TH. DR. FRONTAGE RD.	147.99	148.20	1
J. JARL FRONTAGE RD.	22.14	22.20	1
HELLS CANYON FRONTAGE RD.	19.16	19.56	1
CHEHALEM RD. CONN.	18.79	18.96	1
JOHNSON CR. BLVD CONN NO 4	16.59	16.69	1
HESS CREEK FRONTAGE RD.	22.75	22.96	1
BURLINGTON CONN. NO. 4	12.88	12.94	1
SILVER CR. FALLS CONN NO 2	9.04	9.14	1
BURLINGTON CONN. NO. 1	12.45	12.50	1

Highway Name (Rural)	Begin Mile Point	End Mile Point	Rural Risk
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	246.54	246.6105239	5.51
CENTRAL OREGON	42.4027882	42.87809707	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	130.0100235	130.0800001	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.716132	5.51
JOHN DAY	131.259	131.278	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	130.6710029	130.75	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	130.83	130.9998084	5.51
CENTRAL OREGON	245.649	245.71	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
THE DALLES-CALIFORNIA	167.5521085	167.7570294	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	246.5	246.5400235	5.51
CENTRAL OREGON	245.71	245.75	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.72	5.51

CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	130.0800001	130.1933002	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	189.57	189.61	5.51
CENTRAL OREGON	245.71	245.72	5.51
THE DALLES-CALIFORNIA	167.2723929	167.4200235	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	129.7924688	130.0100235	5.51
CENTRAL OREGON	245.71	245.72	5.51
THE DALLES-CALIFORNIA	165.2554189	165.4755882	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	189.27	189.57	5.51
CENTRAL OREGON	246.5400235	246.5799229	5.51
CENTRAL OREGON	223.2883812	223.3837749	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.72	245.76	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	189.61	189.756	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.72	5.51
THE DALLES-CALIFORNIA	167.4200235	167.5521085	5.51
CENTRAL OREGON	245.71	245.716132	5.51
THE DALLES-CALIFORNIA	165.1623229	165.2554189	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	246.48	246.5	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	130.1933002	130.2952014	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	246.5300003	246.54	5.51
CENTRAL OREGON	245.71	245.716132	5.51
CENTRAL OREGON	245.71	245.72	5.51
CENTRAL OREGON	245.71	245.72	5.51

CENTRAL OREGON	245.71	245.716132	5.51
PENDLETON-JOHN DAY	90.26	90.37	5.51
REDWOOD	29.02970104	29.07990596	5.51
OREGON COAST	87.27759394	87.31005972	5.51
CORVALLIS-NEWPORT	5.59	5.598796845	5.51
MT. HOOD	52.78014199	52.88	5.51
MT. HOOD	53.99	54	5.51
CORVALLIS-NEWPORT	7.280229688	7.281048692	5.51
MCKENZIE	39.4	39.56	5.51
WILLAMETTE	35.38	35.41198573	5.51
MCKENZIE-BEND	1.14E-13	1.04E-02	5.51
MT. HOOD	35.7253599	36.22322168	5.51
WALLOWA LAKE	12.50970161	12.55347168	5.51
MCKENZIE	93.07	93.08191472	5.51
CORVALLIS-NEWPORT	5.58	5.59	5.51
MCKENZIE	15.08594626	15.6211848	5.51
WILLAMETTE	35.98509053	36.07611191	5.51
OREGON COAST	44.69570259	44.7100235	5.51
WILLAMETTE	35.2193849	35.33520049	5.51
PENDLETON-JOHN DAY	15.01544073	15.14984981	5.51
WILLAMETTE	35.37367351	35.38	5.51
CORVALLIS-NEWPORT	7.179	7.219820753	5.51
MCKENZIE	93.04649027	93.05222164	5.51
SANTIAM	99.689483	99.70030213	5.51
PENDLETON-JOHN DAY	90.18	90.26	5.51
MT. HOOD	41.59	41.6	5.51
WALLOWA LAKE	46.67	46.71000028	5.51
MCKENZIE	38.99440007	39.33094829	5.51
WILLAMETTE	35.53491076	35.61	5.51
WALLOWA LAKE	47.36009997	47.44810918	5.51
MCKENZIE	14.5067513	14.94502988	5.51
REDWOOD	26.42	26.73	5.51
MCKENZIE	93.02360483	93.04649027	5.51
REDWOOD	26.73	26.94513483	5.51
PENDLETON-JOHN DAY	89.97695849	90.18	5.51
CORVALLIS-NEWPORT	5.435	5.58	5.51
MT. HOOD	41.22380266	41.59	5.51
WILLAMETTE	3.797898764	3.878827011	5.51
OREGON COAST	161.15	161.1786143	5.51
REDWOOD	29.00006255	29.02970104	5.51
CORVALLIS-NEWPORT	7.265701576	7.280229688	5.51
OREGON COAST	44.7100235	44.7299418	5.51
PENDLETON-JOHN DAY	90.37	90.49288771	5.51
MCKENZIE	39.33793048	39.4	5.51
REDWOOD	29.13	29.19946905	5.51
MCKENZIE	39.56	39.98608591	5.51
WILLAMETTE	35.89	35.96772262	5.51
MT. HOOD	9.656960631	9.657371342	5.51
MT. HOOD	52.88	53.99	5.51
WILLAMETTE	35.63779517	35.89	5.51
WALLOWA LAKE	46.60619172	46.67	5.51
CORVALLIS-NEWPORT	5.652043129	5.706311652	5.51
MT. HOOD	42.25	42.34006188	5.51
CORVALLIS-NEWPORT	56.175	56.316	5.51
OREGON COAST	161.0669258	161.15	5.51
MT. HOOD	54	54.12884208	5.51
MCKENZIE	93.05222164	93.07	5.51
MT. HOOD	40.62744538	40.90239233	5.51
OREGON COAST	87.66990139	87.78202567	5.51
REDWOOD	29.07990596	29.13	5.51
WILLAMETTE	35.61	35.63343301	5.51
JOHN DAY-BURNS	25.34000014	25.35957683	5.51
OCHOCO	66.14674143	66.65238444	5.51
OCHOCO	65.72195963	65.80002353	5.51
JOHN DAY-BURNS	24.87806242	24.93000018	5.51
OCHOCO	8.022901815	8.49343718	5.51
COOS BAY-ROSEBURG	11.03	11.4177445	5.51
COOS BAY-ROSEBURG	11.02	11.03	5.51
COOS BAY-ROSEBURG	20.31108516	20.42993634	5.51
OCHOCO	65.94	66.01885955	5.51
OCHOCO	65.80002353	65.94	5.51
COOS BAY-ROSEBURG	10.87147081	11.02	5.51
CORVALLIS-LEBANON	0.220120649	0.255537468	5.51
CORVALLIS-LEBANON	0.220300067	0.257160335	5.51
MT. HOOD	52.78014199	52.88	5.51
CENTRAL OREGON	130.6710029	130.75	5.51
COLUMBIA RIVER	175.4400235	175.47	4.51

COLUMBIA RIVER	175.47	175.8148025	4.51
COLUMBIA RIVER	175.4000235	175.4400235	4.51
COLUMBIA RIVER	175.2168865	175.4000235	4.51
CENTRAL OREGON	245.84	245.97	4.51
CENTRAL OREGON	245.76	245.78	4.51
JOHN DAY	190.67	190.8493915	4.51
OREGON-WASHINGTON	12.17002345	12.29592776	4.51
CENTRAL OREGON	245.83	245.84	4.51
JOHN DAY	277.88	277.8999999	4.51
CENTRAL OREGON	245.97	245.9899997	4.51
OREGON-WASHINGTON	11.79848099	12.16	4.51
JOHN DAY	277.5796587	277.88	4.51
OREGON-WASHINGTON	12.16	12.17002345	4.51
CENTRAL OREGON	245.78	245.83	4.51
CENTRAL OREGON	223.3837749	223.4353286	4.51
THE DALLES-CALIFORNIA	203.41	203.5828432	4.51
CENTRAL OREGON	63.25893254	63.75191559	4.51
JOHN DAY	153.8062127	153.8300004	4.51
CENTRAL OREGON	172.9532405	173.4648736	4.51
THE DALLES-CALIFORNIA	164.9946874	165.1623229	4.51
CENTRAL OREGON	245.78	245.9	4.51
THE DALLES-CALIFORNIA	139.08	139.08	4.51
THE DALLES-CALIFORNIA	135.23	135.23	4.51
CENTRAL OREGON	245.75	245.78	4.51
CENTRAL OREGON	223.1663429	223.2883812	4.51
THE DALLES-CALIFORNIA	203.1138836	203.34	4.51
THE DALLES-CALIFORNIA	138.05	138.05	4.51
CENTRAL OREGON	223.015	223.0415643	4.51
THE DALLES-CALIFORNIA	137.12	137.12	4.51
CENTRAL OREGON	104.72	105.1049298	4.51
CENTRAL OREGON	189.756	189.78	4.51
JOHN DAY	190.3362898	190.67	4.51
CENTRAL OREGON	154.6376233	155.1358866	4.51
CENTRAL OREGON	246.5799229	246.6125076	4.51
THE DALLES-CALIFORNIA	203.34	203.41	4.51
CENTRAL OREGON	104.6079699	104.72	4.51
MCKENZIE	35.11845979	36.00713211	4.51
OREGON COAST	153.2000235	153.4133378	4.51
SANTIAM	99.86	99.86309247	4.51
WALLOWA LAKE	55.14999999	55.19	4.51
OREGON COAST	163.77	163.85	4.51
CORVALLIS-NEWPORT	5.706311652	5.74	4.51
SANTIAM	99.93	99.933	4.51
MCKENZIE	32.52682579	33.049	4.51
OREGON COAST	158.77	158.9347178	4.51
CORVALLIS-NEWPORT	7.169941774	7.179	4.51
OREGON COAST	29.84898452	30.31002349	4.51
OREGON COAST	30.48	30.48555807	4.51
SANTIAM	14.68222702	14.68227877	4.51
MT. HOOD	40.37	40.47	4.51
WILLAMETTE	31.29393562	31.39	4.51
OREGON COAST	14.93840111	15.42	4.51
MCKENZIE	46.03725157	46.65172329	4.51
KLAMATH FALLS-LAKEVIEW	40.94	41.001	4.51
SANTIAM	99.948	99.95	4.51
SANTIAM	99.86	99.86309247	4.51
OREGON COAST	157.08	157.11	4.51
OREGON COAST	228.4800235	229	4.51
MCKENZIE	92.94985185	93.02360483	4.51
SANTIAM	99.86	99.86309243	4.51
SANTIAM	99.948	99.95	4.51
MCKENZIE	28.11249623	28.61566199	4.51
OREGON COAST	150.2271477	150.59	4.51
MT. HOOD	40.52	40.55	4.51
MCKENZIE	29.9711278	30.4752792	4.51
REDWOOD	12.02281176	12.5435502	4.51
MT. HOOD	26.79	26.86	4.51
OREGON COAST	222.821	223.181	4.51
SANTIAM	99.948	99.95	4.51
MCKENZIE	23.16803279	24.055388	4.51
WALLOWA LAKE	55.19	55.217	4.51
MCKENZIE	12.74	12.8711325	4.51
OREGON COAST	30.48	30.52002348	4.51
MCKENZIE	52.59813846	53.098	4.51
OREGON COAST	30.96002347	31.64781885	4.51
OREGON COAST	29.45	29.51	4.51
MCKENZIE	97.18525824	97.69702067	4.51

MCKENZIE	40.65	41.16	4.51
SANTIAM	99.93	99.933	4.51
OREGON COAST	15.42	15.46134927	4.51
MCKENZIE	34.26670607	34.85102464	4.51
WALLOWA LAKE	54.71	54.72	4.51
OREGON COAST	47.46999914	47.80475864	4.51
OREGON COAST	133.8203632	134.06	4.51
OREGON COAST	227.1005611	227.1365209	4.51
MCKENZIE	50.79	51.1007835	4.51
WILLAMETTE	11.42	11.66706056	4.51
OREGON COAST	163.55	163.59	4.51
OREGON COAST	155.0099695	155.0473273	4.51
MCKENZIE	16.61648628	17.4831177	4.51
OREGON COAST	154.7000235	155.0099695	4.51
OREGON COAST	222.0800836	222.0900235	4.51
OREGON COAST	43.08	43.15708319	4.51
OREGON COAST	29.20124549	29.45	4.51
OREGON COAST	30.73639887	30.75	4.51
OREGON COAST	156.7359023	156.98	4.51
CORVALLIS-NEWPORT	5.74	5.898541713	4.51
SANTIAM	99.927	99.93	4.51
SANTIAM	99.93	99.933	4.51
OREGON COAST	155.5929757	155.7602117	4.51
OREGON COAST	97.48034078	97.98250161	4.51
OREGON COAST	161.1786143	161.19	4.51
OREGON COAST	161.29	161.4	4.51
MCKENZIE	14.4514812	14.5067513	4.51
WILLAMETTE	35.45	35.53491076	4.51
MT. HOOD	38.49433973	38.98269416	4.51
OREGON COAST	163.71	163.77	4.51
OREGON COAST	134.07	134.0800235	4.51
MT. HOOD	43.8503373	44.08	4.51
OREGON COAST	157.04	157.08	4.51
OREGON COAST	229	229.0658636	4.51
MCKENZIE	12.7	12.74	4.51
MT. HOOD	52.55	52.78014199	4.51
SANTIAM	99.95	99.953	4.51
MCKENZIE	36.98882656	37.48550574	4.51
KLAMATH FALLS-LAKEVIEW	40.52153506	40.78	4.51
PENDLETON-JOHN DAY	64.66575994	65.17311272	4.51
MCKENZIE	48.35485432	49.43280279	4.51
REDWOOD	20.18	20.26	4.51
SANTIAM	99.948	99.95	4.51
MCKENZIE	22.05	22.08	4.51
OREGON COAST	127.7499999	127.84	4.51
OREGON COAST	30.52002348	30.589	4.51
MT. HOOD	40.55	40.62744538	4.51
SANTIAM	99.948	99.95	4.51
MCKENZIE	22.08	22.29227343	4.51
OREGON COAST	150.87	151.0635459	4.51
MT. HOOD	33.19623153	33.61652934	4.51
OREGON COAST	161.4	161.7502454	4.51
MT. HOOD	40.47	40.52	4.51
MT. HOOD	52.53	52.55	4.51
MCKENZIE	18.76044298	19.26263524	4.51
WALLOWA LAKE	54.63874261	54.71	4.51
OREGON COAST	158.4278033	158.77	4.51
MT. HOOD	40.29458262	40.32	4.51
SANTIAM	99.927	99.93	4.51
MT. HOOD	54.14	54.15	4.51
SANTIAM	99.93	99.933	4.51
OREGON COAST	126.7812503	126.95	4.51
OREGON COAST	43.17	43.18	4.51
WILLAMETTE	36.07611191	36.10632219	4.51
MT. HOOD	52.51165863	52.53	4.51
MCKENZIE	45.12615059	45.39	4.51
SANTIAM	99.93	99.933	4.51
MCKENZIE	26.4	26.46	4.51
OREGON COAST	43.18	43.187	4.51
SANTIAM	99.953	100.12	4.51
MCKENZIE	24.2222404	25.40278407	4.51
OREGON COAST	30.589	30.65	4.51
REDWOOD	20.33	20.4075309	4.51
MCKENZIE	12.95420599	13.49419245	4.51
OREGON COAST	29.543	29.61	4.51
MT. HOOD	39.04054946	39.54	4.51
CORVALLIS-NEWPORT	7.219820753	7.265701576	4.51

SANTIAM	99.86	99.863	4.51
KLAMATH FALLS-LAKEVIEW	40.78	40.94	4.51
OREGON COAST	84.74790746	84.8199845	4.51
OREGON COAST	163.3723392	163.55	4.51
OREGON COAST	150.59	150.87	4.51
SANTIAM	99.93	99.933	4.51
MCKENZIE	19.68814667	19.83	4.51
OREGON COAST	46.96002347	47.1701529	4.51
OREGON COAST	222.0900235	222.4042385	4.51
OREGON COAST	43.15708319	43.17	4.51
SANTIAM	99.86	99.863	4.51
MT. HOOD	54.15	54.20057918	4.51
SANTIAM	99.95	99.953	4.51
MCKENZIE	19.83	19.84	4.51
REDWOOD	19.85206344	20.18	4.51
OREGON COAST	161.19	161.29	4.51
MCKENZIE	11.59	11.90154632	4.51
OREGON COAST	154.5199927	154.7000235	4.51
OREGON COAST	134.0800235	134.3213501	4.51
OREGON COAST	30.31002349	30.48	4.51
WILLAMETTE	35.96772262	35.98509053	4.51
OREGON COAST	30.68002347	30.75	4.51
OREGON COAST	157.11	157.2323743	4.51
OREGON COAST	228.2560943	228.4800235	4.51
CORVALLIS-NEWPORT	5.598796845	5.652043129	4.51
MT. HOOD	54.12884208	54.14	4.51
SANTIAM	99.948	99.95	4.51
MCKENZIE	37.70830476	38.22452023	4.51
MT. HOOD	26.86	27.41984281	4.51
WILLAMETTE	31.39	31.69041081	4.51
SANTIAM	99.927	99.93	4.51
OREGON COAST	321.4262198	321.7594713	4.51
SANTIAM	99.86	99.863	4.51
MT. HOOD	44.08	44.34904071	4.51
MCKENZIE	12.37953644	12.7	4.51
MCKENZIE	47.22567144	47.74249713	4.51
MT. HOOD	29.39576767	29.62138594	4.51
MCKENZIE	21.11272007	21.61871256	4.51
OREGON COAST	127.84	127.88	4.51
OREGON COAST	29.61	29.65331577	4.51
MCKENZIE	92.05	92.08783134	4.51
SANTIAM	99.948	99.95	4.51
OREGON COAST	126.95	127.25	4.51
MCKENZIE	50.32	50.34	4.51
MT. HOOD	28.8352508	29.36171072	4.51
OREGON COAST	72.18135612	72.69247676	4.51
SANTIAM	99.93	99.95	4.51
MCKENZIE	21.791	22.05	4.51
OREGON COAST	152.9139437	153.2000235	4.51
SANTIAM	99.86	99.86309243	4.51
MCKENZIE	49.71086763	50.32	4.51
CORVALLIS-NEWPORT	7.281048692	7.326103886	4.51
MCKENZIE	42.37191799	42.89910188	4.51
OREGON COAST	156.98	157.04	4.51
SANTIAM	99.927	99.93	4.51
MCKENZIE	22.40181623	23.16803279	4.51
OREGON COAST	46.89386488	46.96002347	4.51
OREGON COAST	223.181	223.2278428	4.51
WILLAMETTE	35.41198573	35.45	4.51
OREGON COAST	30.65	30.68002347	4.51
MCKENZIE	50.34	50.74	4.51
OREGON COAST	85.16984288	85.3139148	4.51
MCKENZIE	26.19643245	26.4	4.51
OREGON COAST	132.4708591	132.877	4.51
OREGON COAST	30.75	30.96002347	4.51
MT. HOOD	40.32	40.37	4.51
MCKENZIE	30.66416655	31.53880401	4.51
REDWOOD	20.26	20.33	4.51
PENDLETON-JOHN DAY	120.2236381	120.51	4.51
WILLAMETTE	35.33520049	35.37367351	4.51
MCKENZIE	50.74	50.79	4.51
SANTIAM	99.93	99.933	4.51
MCKENZIE	26.46	26.72185917	4.51
OREGON COAST	134.06	134.07	4.51
MT. HOOD	26.67	26.79	4.51
TUALATIN VALLEY	4.58E-02	4.59E-02	4.51
WILLAMETTE	3.878827011	4.307217899	4.51

SANTIAM	99.70030213	99.927	4.51
REDWOOD	36.08433613	36.60344524	4.51
MCKENZIE	45.39	45.66082863	4.51
SANTIAM	99.95	99.953	4.51
MCKENZIE	38.8486547	38.99440007	4.51
OREGON COAST	127.88	128.223406	4.51
OREGON COAST	29.51	29.543	4.51
WILLAMETTE	35.63343301	35.63779517	4.51
MCKENZIE	92.03	92.05	4.51
MCKENZIE	41.34	41.40970116	4.51
OREGON COAST	163.59	163.71	4.51
SANTIAM	99.95	99.953	4.51
MCKENZIE	19.84	20.29131874	4.51
SUNSET	9.4663204	9.483358187	4.51
SALMON RIVER	22.32300575	22.82050698	4.51
FLORENCE-EUGENE	0.350023496	0.350859506	4.51
SUNSET	45.30244461	45.41	4.51
SUNSET	17.4176341	17.92166216	4.51
SUNSET	45.79	45.79900163	4.51
SALMON RIVER	1.36	1.508602435	4.51
FLORENCE-EUGENE	50.68424766	51.18611242	4.51
FLORENCE-EUGENE	51.8547381	52.35455493	4.51
FLORENCE-EUGENE	49.75	50.01155107	4.51
SUNSET	9.44334726	9.448103461	4.51
SALMON RIVER	5.001169447	5.549683518	4.51
ALBANY-JUNCTION CITY	2.441	2.442	4.51
SUNSET	9.490666903	9.695645229	4.51
SALMON RIVER	20.93342428	21.41714146	4.51
OCHOCO	65.54166741	65.72195963	4.51
SUNSET	45.77	45.79	4.51
SUNSET	45.41	45.52	4.51
SALMON RIVER	34.51	34.97983598	4.51
LAKEVIEW-BURNS	1.00E-02	0.185199723	4.51
SUNSET	45.52	45.77	4.51
SALMON RIVER	1.00210833	1.31	4.51
SALMON RIVER	34.48167381	34.51	4.51
SALMON RIVER	1.31	1.36	4.51
PACIFIC HIGHWAY EAST	11.13026478	11.13056232	4.51
PACIFIC HIGHWAY WEST	126.1082667	126.1082667	4.51
PACIFIC HIGHWAY WEST	126.1315941	126.1315942	4.51
PACIFIC HIGHWAY WEST	126.1082667	126.1082667	4.51
CASCADE HWY NORTH	0.10318284	0.103182857	4.51
PACIFIC HIGHWAY WEST	126.1315941	126.1315941	4.51
LOWER COLUMBIA RIVER	70.43	70.46	4.51
NEHALEM	83.62	83.62239691	4.51
LOWER COLUMBIA RIVER	85.76	86.04460596	4.51
LOWER COLUMBIA RIVER	70.6	70.68	4.51
LOWER COLUMBIA RIVER	43.31059177	43.39715983	4.51
LOWER COLUMBIA RIVER	52.3247337	52.34726564	4.51
NORTH SANTIAM	32.85355873	33.34875391	4.51
LOWER COLUMBIA RIVER	70.358	70.43	4.51
NEHALEM	83.5799549	83.62	4.51
LOWER COLUMBIA RIVER	47.37978476	47.38002351	4.51
LOWER COLUMBIA RIVER	70.46	70.6	4.51
LOWER COLUMBIA RIVER	52.03256971	52.3094916	4.51
LOWER COLUMBIA RIVER	70.68	70.70510733	4.51
NORTH SANTIAM	22.42	22.64553442	4.51
NORTH SANTIAM	22.13574429	22.42	4.51
LOWER COLUMBIA RIVER	70.19898497	70.358	4.51
LOWER COLUMBIA RIVER	40.07816806	40.73994462	4.51
CORVALLIS-LEBANON	0.951950047	1.443	4.51
CORVALLIS-LEBANON	2.610559138	3.10219615	4.51
OREGON-WASHINGTON	16.035592	16.34	4.48
CENTRAL OREGON	132.3642606	132.4652515	4.48
JOHN DAY	175.6000235	175.762	4.48
CENTRAL OREGON	246.6105239	246.657	4.48
CENTRAL OREGON	129.01	129.098178	4.48
JOHN DAY	212.37	212.87	4.48
CENTRAL OREGON	245.4900235	245.649	4.48
THE DALLES-CALIFORNIA	166.8056042	166.8300496	4.48
CENTRAL OREGON	188.6343066	189.27	4.48
JOHN DAY	211.57	211.61	4.48
CENTRAL OREGON	130.2952014	130.44	4.48
THE DALLES-CALIFORNIA	165.4755882	165.9998981	4.48
CENTRAL OREGON	128.49	128.73	4.48
THE DALLES-CALIFORNIA	183.5828546	183.7116251	4.48
JOHN DAY	266.0168872	266.71	4.48

CENTRAL OREGON	258.12	258.2	4.48
THE DALLES-CALIFORNIA	167.84	168.0122895	4.48
THE DALLES-CALIFORNIA	183.5340247	183.554589	4.48
THE DALLES-CALIFORNIA	167.8200002	167.84	4.48
JOHN DAY	211.3636215	211.47	4.48
OREGON-WASHINGTON	16.38	17.32	4.48
CENTRAL OREGON	246.6596368	246.672396	4.48
THE DALLES-CALIFORNIA	166.8300496	166.9844042	4.48
JOHN DAY	131.278	131.6542242	4.48
CENTRAL OREGON	246.7794222	246.82	4.48
CENTRAL OREGON	130.44	130.6710029	4.48
CENTRAL OREGON	42.87809707	43.33908323	4.48
CENTRAL OREGON	246.82	246.84	4.48
JOHN DAY	174.6300235	174.8902114	4.48
THE DALLES-CALIFORNIA	183.9587887	184.1447409	4.48
JOHN DAY	212.87	213.0947867	4.48
THE DALLES-CALIFORNIA	168.1200002	168.2344796	4.48
THE DALLES-CALIFORNIA	168.0934594	168.1	4.48
JOHN DAY	175.5900196	175.6000235	4.48
CENTRAL OREGON	129.46	129.7924688	4.48
JOHN DAY	211.61	212.37	4.48
CENTRAL OREGON	132.1196773	132.36	4.48
JOHN DAY	162.8401553	162.8823404	4.48
CENTRAL OREGON	257.1523859	258.12	4.48
CENTRAL OREGON	129.098178	129.1673111	4.48
CENTRAL OREGON	128.73	129.01	4.48
THE DALLES-CALIFORNIA	167.7570294	167.8200002	4.48
JOHN DAY	130.2109222	130.4100235	4.48
CENTRAL OREGON	223.45	223.5567579	4.48
CENTRAL OREGON	246.697768	246.7131445	4.48
OREGON-WASHINGTON	17.32	17.51343223	4.48
JOHN DAY	266.71	266.72	4.48
JOHN DAY	130.4100235	130.6699516	4.48
CENTRAL OREGON	129.1673111	129.43	4.48
JOHN DAY	266.72	267.4394853	4.48
CENTRAL OREGON	189.8032911	189.8269454	4.48
CENTRAL OREGON	41.92469715	42.4027882	4.48
THE DALLES-CALIFORNIA	184.2301271	184.4709007	4.48
THE DALLES-CALIFORNIA	165.9998981	166.1371674	4.48
THE DALLES-CALIFORNIA	124.904	124.9839404	4.48
THE DALLES-CALIFORNIA	168.0122895	168.0934594	4.48
CENTRAL OREGON	246.84	246.9260289	4.48
THE DALLES-CALIFORNIA	184.6197803	184.7121094	4.48
CENTRAL OREGON	244.833	245.4900235	4.48
THE DALLES-CALIFORNIA	168.1	168.1200002	4.48
JOHN DAY	174.5602871	174.6300235	4.48
CENTRAL OREGON	129.43	129.46	4.48
THE DALLES-CALIFORNIA	129.7175701	130.18	4.48
THE DALLES-CALIFORNIA	166.9844042	167.2723929	4.48
MT. HOOD	21.34	21.62	4.48
OREGON COAST	299.9399336	300.001	4.48
MT. HOOD	40.90239233	41.22380266	4.48
OREGON COAST	161.04	161.0669258	4.48
CORVALLIS-NEWPORT	56.69033068	56.8	4.48
WALLOWA LAKE	47.44810918	47.58	4.48
MCKENZIE-BEND	5.289789613	5.310433823	4.48
OREGON COAST	44.202	44.69570259	4.48
OREGON COAST	212.8900235	213.4400235	4.48
MCKENZIE	14.94502988	15.08594626	4.48
REDWOOD	27.83702357	28.25002346	4.48
OREGON COAST	299.8039926	299.9399336	4.48
KLAMATH FALLS-LAKEVIEW	23.65290706	25.14447431	4.48
PENDLETON-JOHN DAY	89.75002353	89.97695849	4.48
OREGON COAST	292.9037721	294.3197326	4.48
OREGON COAST	274.97	275.131332	4.48
OREGON COAST	160.93	160.96	4.48
CORVALLIS-NEWPORT	6.450389718	6.483327753	4.48
OREGON COAST	86.85559316	87.1391056	4.48
PENDLETON-JOHN DAY	89.59604833	89.75002353	4.48
KLAMATH FALLS-LAKEVIEW	95.77	95.8	4.48
REDWOOD	29.19946905	29.4057908	4.48
OREGON COAST	160.75	160.93	4.48
PENDLETON-JOHN DAY	14.64002347	15.01544073	4.48
OREGON COAST	48.1716941	48.72991072	4.48
OREGON COAST	87.78202567	88.44330394	4.48
MCKENZIE-BEND	5.909183846	5.946117419	4.48
OREGON COAST	160.72	160.75	4.48

MCKENZIE	39.33094829	39.33793048	4.48
PENDLETON-JOHN DAY	14.55	14.64002347	4.48
REDWOOD	27.38	27.43879229	4.48
WALLOWA LAKE	47.72	47.7790692	4.48
MT. HOOD	20.95513719	20.97	4.48
WALLOWA LAKE	19.4800235	19.73	4.48
SANTIAM	99.23242846	99.689483	4.48
MCKENZIE-BEND	0.370023504	0.540908679	4.48
REDWOOD	26.37	26.42	4.48
WALLOWA LAKE	64.45002347	64.45981725	4.48
OREGON COAST	56.27	56.31657749	4.48
WALLOWA LAKE	20.60002348	20.86113996	4.48
MT. HOOD	20.97	21.21	4.48
OREGON COAST	54.891	55.11990062	4.48
CORVALLIS-NEWPORT	5.427233702	5.435	4.48
WALLOWA LAKE	66.05803033	66.09882594	4.48
OREGON COAST	89.1779268	89.72186785	4.48
PENDLETON-JOHN DAY	14.52235171	14.55	4.48
MCKENZIE	15.6211848	15.96832814	4.48
OREGON COAST	274.79002	274.8	4.48
WILLAMETTE	4.714393554	5.73	4.48
CORVALLIS-NEWPORT	56.316	56.6399937	4.48
WALLOWA LAKE	46.14776342	46.33	4.48
OREGON COAST	329.7000342	329.81	4.48
WALLOWA LAKE	47.58	47.6800235	4.48
WALLOWA LAKE	65.85	65.85772589	4.48
WILLAMETTE	5.73	6.165630817	4.48
CORVALLIS-NEWPORT	38.0946608	38.7600702	4.48
REDWOOD	28.25002346	28.36997235	4.48
WALLOWA LAKE	46.4600235	46.60619172	4.48
WALLOWA LAKE	65.86713581	65.9375989	4.48
WALLOWA LAKE	20.548	20.60002348	4.48
WALLOWA LAKE	11.64615793	11.80002355	4.48
OREGON COAST	88.498279	89.16	4.48
OREGON COAST	277.1051819	278.5489132	4.48
CORVALLIS-NEWPORT	6.235945987	6.242341261	4.48
MCKENZIE	93.08191472	93.21977595	4.48
WILLAMETTE	12.27899232	13.41392751	4.48
CORVALLIS-NEWPORT	56.6399937	56.69033068	4.48
OREGON COAST	300.001	300.1099999	4.48
OREGON COAST	329.84	329.8606787	4.48
CORVALLIS-NEWPORT	38.7600702	39.39	4.48
OREGON COAST	274.95	274.97	4.48
WALLOWA LAKE	66.29002348	66.349838	4.48
OREGON COAST	36.64086525	37.67639376	4.48
MCKENZIE-BEND	5.53	5.533766381	4.48
OREGON COAST	160.96	161	4.48
PENDLETON-JOHN DAY	16.19002348	16.5311079	4.48
OREGON COAST	329.81	329.84	4.48
WALLOWA LAKE	12.55347168	12.97723059	4.48
OREGON COAST	86.84057147	86.84569427	4.48
FREMONT	144.45	144.4892056	4.48
OREGON COAST	301.4801801	301.4900235	4.48
OREGON COAST	161	161.04	4.48
CORVALLIS-NEWPORT	39.39	39.49154737	4.48
MCKENZIE	39.98608591	40.40232544	4.48
SANTIAM	22.71735261	22.812	4.48
PENDLETON-JOHN DAY	16.04014353	16.19002348	4.48
MT. HOOD	42.34006188	42.74536128	4.48
OREGON COAST	159.812	160.72	4.48
WILLAMETTE	3.15	3.797898764	4.48
WALLOWA LAKE	47.6800235	47.72	4.48
MT. HOOD	21.62	21.958	4.48
OREGON COAST	54.83900212	54.891	4.48
OREGON COAST	212.8300243	212.8900235	4.48
OREGON COAST	213.4400235	213.7201328	4.48
WALLOWA LAKE	19.26602248	19.4800235	4.48
OREGON COAST	301.4900235	301.5200235	4.48
MCKENZIE-BEND	5.509142608	5.53	4.48
CORVALLIS-NEWPORT	6.251	6.419648563	4.48
MCKENZIE-BEND	1.04E-02	0.370023504	4.48
MT. HOOD	35.00764782	35.7253599	4.48
WALLOWA LAKE	11.80002355	11.89006827	4.48
OREGON COAST	87.27235225	87.27759394	4.48
OREGON COAST	274.9	274.95	4.48
OREGON COAST	212.8000065	212.8300243	4.48
WILLAMETTE	2.648	3.15	4.48

OREGON COAST	87.21080392	87.21759711	4.48
PENDLETON-JOHN DAY	90.81002347	90.8619178	4.48
WALLOWA LAKE	64.2156514	64.45002347	4.48
ALBANY-CORVALLIS	3.95	4.384326279	4.48
WALLOWA LAKE	2.620160892	2.621155506	4.48
CORVALLIS-NEWPORT	19.488	21.076	4.48
WALLOWA LAKE	70.93106626	70.98002348	4.48
FREMONT	144.0499998	144.45	4.48
REDWOOD	26.94513483	27.31	4.48
OREGON COAST	274.8	274.9	4.48
MT. HOOD	36.22322168	36.38	4.48
OREGON COAST	301.5200235	301.6870205	4.48
WALLOWA LAKE	46.33	46.37	4.48
CORVALLIS-NEWPORT	6.651372762	6.838314308	4.48
KLAMATH FALLS-LAKEVIEW	53.36129646	53.46016341	4.48
REDWOOD	27.31	27.38	4.48
MT. HOOD	21.21	21.34	4.48
OREGON COAST	56.31657749	56.36	4.48
WALLOWA LAKE	66.114	66.29002348	4.48
WILLAMETTE	35.17619124	35.2193849	4.48
WALLOWA LAKE	70.98002348	71.06001244	4.48
KLAMATH FALLS-LAKEVIEW	95.62447944	95.77	4.48
WALLOWA LAKE	46.37	46.4600235	4.48
WALLOWA LAKE	19.96	19.96999989	4.48
KLAMATH FALLS-LAKEVIEW	53.99000073	54.55713067	4.48
REDWOOD	25.92989188	26.37	4.48
PENDLETON-JOHN DAY	90.49288771	90.81002347	4.48
FLORENCE-EUGENE	14.43537174	14.44	4.48
UMPQUA	36.35968252	36.42002348	4.48
JOHN DAY-BURNS	0.239999987	0.28	4.48
JOHN DAY-BURNS	1.198515691	1.26	4.48
FLORENCE-EUGENE	14.414	14.42	4.48
OCHOCO	66.01885955	66.14674143	4.48
JOHN DAY-BURNS	25.49002353	25.7883433	4.48
COOS BAY-ROSEBURG	10.43002352	10.85	4.48
COOS BAY-ROSEBURG	21.81125328	21.83	4.48
FLORENCE-EUGENE	14.414	14.42	4.48
FLORENCE-EUGENE	14.43537171	14.44	4.48
FLORENCE-EUGENE	14.43537174	14.44	4.48
JOHN DAY-BURNS	1.74	1.74670262	4.48
COOS BAY-ROSEBURG	21.83	21.88022284	4.48
UMPQUA	34.78686584	35.93	4.48
SUNSET	56.2300235	56.91649133	4.48
JOHN DAY-BURNS	0.55	0.586940626	4.48
JOHN DAY-BURNS	1.766452786	1.8552955	4.48
COOS BAY-ROSEBURG	10.85	10.87147081	4.48
JOHN DAY-BURNS	1.34944417	1.364150823	4.48
JOHN DAY-BURNS	25.35957683	25.49002353	4.48
UMPQUA	50.63	51.13095662	4.48
COOS BAY-ROSEBURG	20.0902515	20.31108516	4.48
JOHN DAY-BURNS	0.502617836	0.55	4.48
FLORENCE-EUGENE	14.37	14.42	4.48
FLORENCE-EUGENE	14.37	14.42	4.48
FLORENCE-EUGENE	14.414	14.42	4.48
FLORENCE-EUGENE	14.414	14.42	4.48
COOS BAY-ROSEBURG	10.37002348	10.43002352	4.48
SUNSET	55.85572303	56.2300235	4.48
JOHN DAY-BURNS	0.84	0.846985061	4.48
UMPQUA	49.794	50.16025652	4.48
FLORENCE-EUGENE	14.42	14.44	4.48
JOHN DAY-BURNS	24.35832772	24.75	4.48
SUNSET	56.91292202	56.91292684	4.48
FLORENCE-EUGENE	13.99303042	14.37	4.48
FLORENCE-EUGENE	14.43537171	14.44	4.48
UMPQUA	36.44	36.87332626	4.48
JOHN DAY-BURNS	0.713395581	0.755563698	4.48
COOS BAY-ROSEBURG	10.00756322	10.37002348	4.48
OCHOCO	7.606015421	8.022901815	4.48
SALMON RIVER	46.11499503	46.115	4.48
JOHN DAY-BURNS	1.010691735	1.018607038	4.48
COOS BAY-ROSEBURG	71.34889897	71.48	4.48
FLORENCE-EUGENE	14.414	14.42	4.48
OCHOCO	66.88002354	67.1230071	4.48
COOS BAY-ROSEBURG	12.47	12.49	4.48
JOHN DAY-BURNS	1.4	1.408199044	4.48
JOHN DAY-BURNS	24.75	24.87806242	4.48
COOS BAY-ROSEBURG	21.68608424	21.70224609	4.48
FLORENCE-EUGENE	14.414	14.42	4.48

FLORENCE-EUGENE	14.43537171	14.44	4.48
FLORENCE-EUGENE	14.43537174	14.44	4.48
UMPQUA	35.93	36.07	4.48
FLORENCE-EUGENE	14.414	14.42	4.48
COOS BAY-ROSEBURG	12.13	12.47	4.48
JOHN DAY-BURNS	1.733662006	1.74	4.48
FLORENCE-EUGENE	14.42	15.34161099	4.48
OCHOCO	8.49343718	9.029123962	4.48
JOHN DAY-BURNS	1.57637735	1.73	4.48
JOHN DAY-BURNS	0.827453891	0.84	4.48
OCHOCO	66.65238444	66.88002354	4.48
COOS BAY-ROSEBURG	11.4177445	11.42	4.48
FLORENCE-EUGENE	14.414	14.42	4.48
COOS BAY-ROSEBURG	12.49	12.68523098	4.48
UMPQUA	36.42002348	36.44	4.48
FLORENCE-EUGENE	14.43537174	14.44	4.48
NORTH SANTIAM	8.95	9.902	4.48
LOWER COLUMBIA RIVER	93.53362743	94.59	4.48
LOWER COLUMBIA RIVER	60.94783038	61	4.48
NORTH SANTIAM	29.46002351	29.57	4.48
LOWER COLUMBIA RIVER	60.82689976	60.86741321	4.48
NORTH SANTIAM	8.933	9.3	4.48
NORTH SANTIAM	8.337027139	8.56	4.48
HISTORIC COLUMBIA RIVER	30.15177292	30.17002352	4.48
NORTH SANTIAM	29.57	29.81	4.48
LOWER COLUMBIA RIVER	49.998	50.15809472	4.48
HISTORIC COLUMBIA RIVER	30.17002352	30.258	4.48
NORTH SANTIAM	29.34922254	29.46002351	4.48
NORTH SANTIAM	30.03	30.37	4.48
HISTORIC COLUMBIA RIVER	30.258	30.269	4.48
LOWER COLUMBIA RIVER	60.71159394	60.79333627	4.48
NORTH SANTIAM	30.5900235	30.6739859	4.48
LOWER COLUMBIA RIVER	62.02300132	62.18362488	4.48
NORTH SANTIAM	8.922925384	8.95	4.48
NORTH SANTIAM	8.296589855	8.868626138	4.48
NORTH SANTIAM	30.37	30.51	4.48
HISTORIC COLUMBIA RIVER	30.123	30.33	4.48
NORTH SANTIAM	29.81	29.96	4.48
NEHALEM	84.05672219	84.25134707	4.48
NEHALEM	83.77923471	83.79023221	4.48
NORTH SANTIAM	8.56	8.88742461	4.48
NEHALEM	83.86053243	83.97251842	4.48
NORTH SANTIAM	9.3	9.910264303	4.48
NORTH SANTIAM	29.96	30.03	4.48
NORTH SANTIAM	30.51	30.5900235	4.48
HISTORIC COLUMBIA RIVER	30.269	30.36	4.48
LOWER COLUMBIA RIVER	49.999	50.15805165	4.48
CORVALLIS-LEBANON	0.34	0.47	4.48
JOSEPH-WALLOWA LAKE	0.94	1.039226834	4.48
I.O.N.	120.6678905	121.279	4.48
I.O.N.	20.75993858	20.80890859	4.48
CORVALLIS-LEBANON	0.257160335	0.32	4.48
LAKE OF THE WOODS	13.1430756	14.38623511	4.48
CORVALLIS-LEBANON	0.32	0.34	4.48
OLDS FERRY-ONTARIO	31.51016485	31.66	4.48
I.O.N.	21.15553714	21.26693491	4.48
I.O.N.	19.44	19.93011844	4.48
CORVALLIS-LEBANON	0.255537468	0.32	4.48
CORVALLIS-LEBANON	6.169654783	6.2	4.48
I.O.N.	20.95	21.15553714	4.48
OLDS FERRY-ONTARIO	31.66	31.81	4.48
I.O.N.	20.91	20.95	4.48
CORVALLIS-LEBANON	6.095432043	6.166855645	4.48
I.O.N.	19.42506404	19.44	4.48
I.O.N.	20.80890859	20.91	4.48
OLDS FERRY-ONTARIO	31.23236187	31.51016485	4.48
CENTRAL OREGON	129.46	129.7924688	4.48
CENTRAL OREGON	246.39	246.48	4.42
JOHN DAY	162.29	162.3502995	4.42
JOHN DAY	162.48	162.57	4.42
JOHN DAY	162.415	162.4649649	4.42
JOHN DAY	162.5764779	162.581	4.42
CENTRAL OREGON	246.2	246.41	4.42
JOHN DAY	162.136	162.29	4.42
CENTRAL OREGON	246.21	246.26	4.42
	2.927025815	2.927025815	4.42
JOHN DAY	174.893	175.01	4.42

JOHN DAY	277.9383793	278.15	4.42
	2.927025815	2.927025815	4.42
CENTRAL OREGON	130.9998084	131.5	4.42
CENTRAL OREGON	246.45	246.5	4.42
CENTRAL OREGON	246.26	246.39	4.42
CENTRAL OREGON	131.5	131.7	4.42
JOHN DAY	130.7583744	130.86	4.42
CENTRAL OREGON	246.41	246.45	4.42
CENTRAL OREGON	131.76	131.7778116	4.42
CENTRAL OREGON	246.5	246.5300003	4.42
JOHN DAY	278.15	278.21	4.42
JOHN DAY	130.86	131.14	4.42
JOHN DAY	175.26	175.41	4.42
CENTRAL OREGON	131.7	131.76	4.42
JOHN DAY	175.01	175.26	4.42
JOHN DAY	131.14	131.259	4.42
JOHN DAY	175.41	175.4321187	4.42
	2.927025815	2.927025815	4.42
REDWOOD	28.38862135	28.43	4.42
WALLOWA LAKE	46.79	46.89	4.42
WALLOWA LAKE	20.05710982	20.25	4.42
OREGON COAST	328.7505487	329.2561012	4.42
OREGON COAST	44.7299418	44.75	4.42
OREGON COAST	44.98	45.27651144	4.42
WALLOWA LAKE	65.30316889	65.33823509	4.42
WALLOWA LAKE	11.91886617	11.98	4.42
WALLOWA LAKE	20.44	20.5438192	4.42
WALLOWA LAKE	12.45	12.5	4.42
OREGON COAST	300.2232758	300.23	4.42
OREGON COAST	300.23	300.24	4.42
WALLOWA LAKE	47.32	47.36009997	4.42
OREGON COAST	212.14	212.2000235	4.42
OREGON COAST	87.45642807	87.66	4.42
REDWOOD	28.76035498	28.95	4.42
OREGON COAST	87.37	87.45642807	4.42
OREGON COAST	300.62	300.8942867	4.42
REDWOOD	28.98	29.00006255	4.42
OREGON COAST	212.2000235	212.2259404	4.42
OREGON COAST	55.33092358	55.57314155	4.42
PENDLETON-JOHN DAY	15.19	15.23	4.42
WALLOWA LAKE	64.869	65.02	4.42
OREGON COAST	55.57314155	55.84483574	4.42
WALLOWA LAKE	71.15735779	71.23	4.42
WALLOWA LAKE	46.89	46.93	4.42
REDWOOD	28.63	28.76035498	4.42
WALLOWA LAKE	65.02	65.29818895	4.42
REDWOOD	28.95	28.98	4.42
OREGON COAST	87.31005972	87.37	4.42
WALLOWA LAKE	12.5	12.50970161	4.42
OREGON COAST	87.66	87.66990139	4.42
WALLOWA LAKE	71.23	71.42	4.42
OREGON COAST	212.0299804	212.05	4.42
WALLOWA LAKE	46.93	47.08	4.42
PENDLETON-JOHN DAY	15.28	15.41	4.42
OREGON COAST	300.51	300.62	4.42
SANTIAM	13.59920391	13.6	4.42
REDWOOD	28.43	28.5	4.42
WALLOWA LAKE	20.25	20.44	4.42
PENDLETON-JOHN DAY	15.48	15.59108342	4.42
OREGON COAST	44.75	44.98	4.42
OREGON COAST	65.54963696	65.54970016	4.42
PENDLETON-JOHN DAY	15.41	15.48	4.42
WALLOWA LAKE	47.08	47.32	4.42
PENDLETON-JOHN DAY	15.23	15.28	4.42
WALLOWA LAKE	46.71000028	46.79	4.42
OREGON COAST	212.05	212.14	4.42
REDWOOD	28.5	28.63	4.42
WALLOWA LAKE	11.98	12.45	4.42
PENDLETON-JOHN DAY	15.14984981	15.19	4.42
OREGON COAST	300.41	300.51	4.42
COOS BAY-ROSEBURG	20.51	20.52899362	4.42
COOS BAY-ROSEBURG	20.72	20.8	4.42
ROGUE VALLEY	11.02996585	11.03002344	4.42
JOHN DAY-BURNS	1.14E-13	2.56E-02	4.42
JOHN DAY-BURNS	25.19	25.29	4.42
JOHN DAY-BURNS	24.93000018	25.19	4.42
JOHN DAY-BURNS	0.077	0.104907471	4.42

COOS BAY-ROSEBURG	20.71036446	20.72	4.42
JOHN DAY-BURNS	25.29	25.34000014	4.42
COOS BAY-ROSEBURG	20.42993634	20.45	4.42
HILLSBORO-SILVERTON	36.81690945	36.81690947	4.42
LOWER COLUMBIA RIVER	61.7	61.72	4.42
LOWER COLUMBIA RIVER	61.72	61.74758325	4.42
WILSON RIVER HWY CONN NO 2	84.007	84.15445786	4.42
LOWER COLUMBIA RIVER	61.6127468	61.7	4.42
JOSEPH-WALLOWA LAKE	7.00E-02	0.21	4.42
JOSEPH-WALLOWA LAKE	0.21	0.237113757	4.42
CORVALLIS-LEBANON	0.175	0.220300067	4.42
JOSEPH-WALLOWA LAKE	1.14E-13	7.00E-02	4.42
CORVALLIS-LEBANON	0.174	0.220120649	4.42
MAIN STREET FRONTAGE ROAD	99.17	99.48	4.12
DEL RIO RD. CONN. NO. 6	129.4523993	129.4523994	4.12
MAIN STREET FRONTAGE ROAD	99.59	99.605	4.12
DEL RIO RD. CONN. NO. 6	129.4632302	129.4632302	4.12
DEL RIO RD. CONN. NO. 6	129.4710582	129.4710582	4.12
MAIN STREET FRONTAGE ROAD	99.524	99.543	4.12
MAIN STREET FRONTAGE ROAD	99.543	99.57	4.12
MAIN STREET FRONTAGE ROAD	99.48	99.524	4.12
MAIN STREET FRONTAGE ROAD	99.57	99.59	4.12
DEL RIO RD. CONN. NO. 6	129.4632301	129.4632302	4.12
ENTERPRISE-LEWISTON	42.616	42.66	4.12
TUALATIN VALLEY	26.54	26.57454163	4.12
TUALATIN VALLEY	25.26543677	25.31993124	4.12
DAIRY-BONANZA	6.394753932	6.439999986	4.12
ENTERPRISE-LEWISTON	42.67002349	42.67047206	4.12
ENTERPRISE-LEWISTON	42.66	42.67002349	4.12
STADIUM FREEWAY	0.519873714	0.519873722	4.12
STADIUM FREEWAY	0.519873669	0.519873714	4.12
STADIUM FREEWAY	0.519873714	0.519873722	4.12
STADIUM FREEWAY	0.519873669	0.519873722	4.12
STADIUM FREEWAY	0.519873658	0.519873714	4.12
STADIUM FREEWAY	0.519873669	0.519873722	4.12
STADIUM FREEWAY	0.519873658	0.519873669	4.12
STADIUM FREEWAY	0.519873658	0.519873669	4.12
OREGON CAVES	1.14E-13	0.239479308	4.12
STADIUM FREEWAY	0.519873714	0.519873722	4.12
STADIUM FREEWAY	0.519873669	0.519873714	4.12
STADIUM FREEWAY	0.519873658	0.519873722	4.12
STADIUM FREEWAY	0.519873714	0.519873722	4.12
LA GRANDE-BAKER	40.39527065	40.44	4.12
LA GRANDE-BAKER	40.80974807	40.89097198	4.12
HILLSBORO-SILVERTON	46.30993472	46.42206224	4.12
CASCADE HWY SOUTH	6.876310688	7.54	4.12
CLACKAMAS	17.3674149	17.87051364	4.12
CASCADE HWY SOUTH	7.54	7.561899953	4.12
CASCADE HWY SOUTH	7.677718984	7.848537041	4.12
SILETZ	24.10001535	24.10002347	4.12
KIMBERLY-LONG CREEK	13.98002347	14.02877463	4.12
CHILOQUIN	5.040023499	5.041696701	4.12
ATHENA-HOLDMAN	17.60028338	17.65027544	4.12
ALBANY-LYONS	25.45123632	25.46	4.12
KIMBERLY-LONG CREEK	13.85	13.86	4.12
SERVICE CREEK-MITCHELL	24.07580671	24.32	4.12
CHILOQUIN	4.466004973	4.56	4.12
KIMBERLY-LONG CREEK	13.54595056	13.64	4.12
UKIAH-HILGARD	1.4	1.450023507	4.12
VALE-WEST	10.35	10.36702713	4.12
ALBANY-LYONS	25.46	25.50300858	4.12
CHILOQUIN	4.56	5.040023499	4.12
UKIAH-HILGARD	1.450023507	1.604097771	4.12
SILETZ	31.08532846	31.23753266	4.12
VALE-WEST	10.3453205	10.35	4.12
EAGLE CREEK-SANDY	0.88393787	1.023554272	4.12
KIMBERLY-LONG CREEK	13.86	13.98002347	4.12
EDDYVILLE-BLODGETT	1.14E-13	0.356679092	4.12
SILETZ	24.10002347	24.28970753	4.12
KIMBERLY-LONG CREEK	13.76	13.85	4.12
EAGLE CREEK-SANDY	0.27	0.506	4.12
UKIAH-HILGARD	1.088862003	1.4	4.12
KIMBERLY-LONG CREEK	13.64	13.76	4.12
VALE-WEST	10.37495411	10.39	4.12
THE DALLES-CALIFORNIA	139.38	139.38	3.51
THE DALLES-CALIFORNIA	149.3	149.6687344	3.51
THE DALLES-CALIFORNIA	139.92	139.92	3.51

CENTRAL OREGON	222.9341525	223.015	3.51
THE DALLES-CALIFORNIA	140.06	140.06	3.51
THE DALLES-CALIFORNIA	149.194628	149.3	3.51
THE DALLES-CALIFORNIA	149.3	149.6599247	3.51
CENTRAL OREGON	223.0415643	223.1663429	3.51
SANTIAM	31.356	31.49562721	3.51
OREGON COAST	261.2899793	261.3100235	3.51
MT. HOOD	33.01439127	33.12	3.51
OREGON COAST	227.14	227.3905988	3.51
MCKENZIE	0.212643983	0.212643984	3.51
OREGON COAST	261.2231667	261.2899793	3.51
MT. HOOD	33.18	33.19623153	3.51
OREGON COAST	80.13293007	80.36	3.51
MCKENZIE	0.21228641	0.212286438	3.51
OREGON COAST	80.48	80.69266216	3.51
OREGON COAST	226.8855892	227.1005611	3.51
MT. HOOD	33.12	33.18	3.51
OREGON COAST	80.36	80.48	3.51
OREGON COAST	261.3100235	261.510447	3.51
OREGON COAST	227.549799	227.8342896	3.51
OREGON COAST	223.2278428	223.5543696	3.51
WILLAMETTE	11.16676554	11.42	3.51
MT. HOOD	29.36171072	29.39576767	3.51
MT. HOOD	28.78055418	28.8352508	3.51
CORVALLIS-NEWPORT	7.49	7.693509707	3.51
OREGON COAST	227.1365209	227.14	3.51
CORVALLIS-NEWPORT	7.326103886	7.49	3.51
UMATILLA-STANFIELD	12.568	12.60721601	3.51
COOS BAY-ROSEBURG	74.59970742	74.59970742	3.51
SUNSET	9.195733141	9.42	3.51
COOS BAY-ROSEBURG	74.59970742	74.59970742	3.51
WARM SPRINGS	101.8834113	102.3689321	3.51
SUNSET	9.448103461	9.4663204	3.51
UMATILLA-STANFIELD	12.534	12.568	3.51
SUNSET	9.483358187	9.490666903	3.51
COOS BAY-ROSEBURG	74.59970742	74.59970742	3.51
UMATILLA-STANFIELD	12.47	12.534	3.51
SUNSET	9.42	9.44334726	3.51
PACIFIC HIGHWAY EAST	-5.769976507	-5.769870616	3.51
LOWER COLUMBIA RIVER	81.7509501	82.25752301	3.51
LOWER COLUMBIA RIVER	52.34726564	52.36	3.51
LOWER COLUMBIA RIVER	42.84891475	43.31059177	3.51
LOWER COLUMBIA RIVER	52.3094916	52.32	3.51
LOWER COLUMBIA RIVER	85.56580009	85.76	3.51
LOWER COLUMBIA RIVER	52.36	52.84874833	3.51
LOWER COLUMBIA RIVER	52.32	52.3247337	3.51
COLUMBIA RIVER	175.8148025	176.14	3.48
COLUMBIA RIVER	167.58	167.94	3.48
COLUMBIA RIVER	176.5800235	176.6233961	3.48
COLUMBIA RIVER	176.14	176.5800235	3.48
COLUMBIA RIVER	167.9455647	167.984	3.48
COLUMBIA RIVER	174.351572	175.1700235	3.48
COLUMBIA RIVER	175.1700235	175.2168865	3.48
THE DALLES-CALIFORNIA	181.7154863	181.9915827	3.48
CENTRAL OREGON	182.6240561	182.6388306	3.48
CENTRAL OREGON	223.4353286	223.45	3.48
JOHN DAY	164.1162012	164.1900235	3.48
CENTRAL OREGON	205.105	205.1603733	3.48
CENTRAL OREGON	184.3463167	184.4415131	3.48
THE DALLES-CALIFORNIA	213.2230613	213.3050509	3.48
CENTRAL OREGON	250.3621535	250.3659331	3.48
CENTRAL OREGON	207.269927	207.3671946	3.48
CENTRAL OREGON	231.2748941	231.315758	3.48
THE DALLES-CALIFORNIA	173.8503832	174.9396151	3.48
CENTRAL OREGON	208.05	208.1104208	3.48
CENTRAL OREGON	221.2244084	221.4561441	3.48
OREGON-WASHINGTON	6.31	11.57002351	3.48
JOHN DAY	165.312	165.3306709	3.48
THE DALLES-CALIFORNIA	201.6202818	202.79	3.48
CENTRAL OREGON	192.3810522	192.3973484	3.48
CENTRAL OREGON	196.637	196.692	3.48
CENTRAL OREGON	192.8688772	192.8818769	3.48
CENTRAL OREGON	233.783	233.9031363	3.48
THE DALLES-CALIFORNIA	219.1098654	220.9198142	3.48
THE DALLES-CALIFORNIA	157.7298507	158.7801931	3.48
CENTRAL OREGON	248.7578351	248.8442687	3.48
CENTRAL OREGON	198.0098279	198.042	3.48

JOHN DAY	175.762	180.37	3.48
CENTRAL OREGON	224.6842162	224.8556796	3.48
CENTRAL OREGON	160.9701784	165.96	3.48
OREGON-WASHINGTON	20.47	20.47377517	3.48
THE DALLES-CALIFORNIA	214.5342044	214.7639259	3.48
THE DALLES-CALIFORNIA	73.27	74.24979073	3.48
CENTRAL OREGON	206.0310458	206.3496684	3.48
CENTRAL OREGON	227.7686126	227.794	3.48
THE DALLES-CALIFORNIA	184.9583211	185.19	3.48
JOHN DAY	277.5495774	277.5796587	3.48
CENTRAL OREGON	211.3944063	211.6588417	3.48
CENTRAL OREGON	63.75191559	104.6079699	3.48
JOHN DAY	164.1900235	164.2615028	3.48
THE DALLES-CALIFORNIA	196.3657451	196.3886813	3.48
CENTRAL OREGON	183.8499062	183.9526726	3.48
CENTRAL OREGON	20.46035919	20.86985778	3.48
JOHN DAY	159.2900234	161.5103474	3.48
CENTRAL OREGON	204.7591415	204.826	3.48
THE DALLES-CALIFORNIA	183.7116251	183.9587887	3.48
CENTRAL OREGON	185.69	185.7999656	3.48
THE DALLES-CALIFORNIA	247.547	247.6	3.48
CENTRAL OREGON	251.7939391	252.2131575	3.48
CENTRAL OREGON	214.9516853	214.9766446	3.48
JOHN DAY	184.13	184.15	3.48
CENTRAL OREGON	224.137242	224.5282204	3.48
THE DALLES-CALIFORNIA	185.19	185.2906306	3.48
CENTRAL OREGON	209.451	209.568135	3.48
OREGON COAST	244.33	244.3311986	3.48
CENTRAL OREGON	200.7953261	200.848	3.48
CENTRAL OREGON	205.218	205.2677892	3.48
THE DALLES-CALIFORNIA	211.1202552	211.1579023	3.48
CENTRAL OREGON	185.9022723	185.9209905	3.48
CENTRAL OREGON	234.092148	234.1068498	3.48
THE DALLES-CALIFORNIA	211.0489598	211.1202552	3.48
THE DALLES-CALIFORNIA	182.7874569	183.2745307	3.48
CENTRAL OREGON	208.91	209.0051577	3.48
OREGON COAST	244.06	244.33	3.48
CENTRAL OREGON	43.33908323	63.25893254	3.48
CENTRAL OREGON	218.88	218.9472558	3.48
THE DALLES-CALIFORNIA	199.9837379	200.006272	3.48
CENTRAL OREGON	184.0654944	184.0886647	3.48
THE DALLES-CALIFORNIA	210.2344961	210.2732797	3.48
THE DALLES-CALIFORNIA	162.7317991	162.7660946	3.48
CENTRAL OREGON	251.3458346	251.5222921	3.48
CENTRAL OREGON	216.3608516	216.4194519	3.48
THE DALLES-CALIFORNIA	231.93	231.94	3.48
CENTRAL OREGON	214.7629202	214.771	3.48
CENTRAL OREGON	230.6222129	230.8288717	3.48
CENTRAL OREGON	105.1049298	127.4151203	3.48
THE DALLES-CALIFORNIA	180.6405816	181.6412804	3.48
CENTRAL OREGON	182.6716227	182.6914546	3.48
OREGON-WASHINGTON	17.51343223	18.99	3.48
JOHN DAY	166.47	166.551	3.48
CENTRAL OREGON	198.774	199.0746573	3.48
THE DALLES-CALIFORNIA	206.7	208.33	3.48
CENTRAL OREGON	192.628	192.6502124	3.48
THE DALLES-CALIFORNIA	213.0758843	213.0842962	3.48
THE DALLES-CALIFORNIA	153.1029769	153.105	3.48
CENTRAL OREGON	3.587	12.6	3.48
JOHN DAY	273.85	276.6331049	3.48
CENTRAL OREGON	198.4384771	198.5202254	3.48
THE DALLES-CALIFORNIA	169.68	169.81	3.48
JOHN DAY	143.98	146.08	3.48
CENTRAL OREGON	231.3690966	231.390069	3.48
CENTRAL OREGON	155.1358866	157.89	3.48
CENTRAL OREGON	212.203	212.2078318	3.48
THE DALLES-CALIFORNIA	153.105	153.4	3.48
CENTRAL OREGON	246.9260289	247.235586	3.48
CENTRAL OREGON	214.5598769	214.6584017	3.48
CENTRAL OREGON	184.9992532	185.0289405	3.48
THE DALLES-CALIFORNIA	212.3910008	212.4715527	3.48
CENTRAL OREGON	209.23	209.2368634	3.48
OREGON COAST	244.33	244.3311986	3.48
CENTRAL OREGON	227.76	227.7686126	3.48
THE DALLES-CALIFORNIA	282.05	291.7252874	3.48
THE DALLES-CALIFORNIA	178.0174222	178.17	3.48
CENTRAL OREGON	186.0633125	186.0825704	3.48

CENTRAL OREGON	200.6864074	200.7180253	3.48
THE DALLES-CALIFORNIA	130.18	131.1312896	3.48
CENTRAL OREGON	192.5113221	192.5459403	3.48
CENTRAL OREGON	238.28	238.78	3.48
THE DALLES-CALIFORNIA	248.75	249.08	3.48
CENTRAL OREGON	215.664	215.7221315	3.48
CENTRAL OREGON	227.605769	227.62	3.48
THE DALLES-CALIFORNIA	182.1092283	182.3586841	3.48
CENTRAL OREGON	213.8392457	213.8745006	3.48
JOHN DAY	210.54	211.3636215	3.48
CENTRAL OREGON	35.79	41.92469715	3.48
CENTRAL OREGON	246.672396	246.697768	3.48
THE DALLES-CALIFORNIA	208.7944569	208.8	3.48
CENTRAL OREGON	192.1289378	192.264	3.48
CENTRAL OREGON	17.45	17.6	3.48
JOHN DAY	210.29	210.54	3.48
CENTRAL OREGON	200.7608084	200.7693483	3.48
JOHN DAY	162.8823404	163.4685203	3.48
CENTRAL OREGON	186.1594666	186.2052467	3.48
CENTRAL OREGON	205.1806031	205.218	3.48
CENTRAL OREGON	173.4648736	182.566	3.48
CENTRAL OREGON	233.9692654	233.979	3.48
THE DALLES-CALIFORNIA	231.6899999	231.93	3.48
THE DALLES-CALIFORNIA	163.5289999	164.0234884	3.48
THE DALLES-CALIFORNIA	98.37	99.45	3.48
THE DALLES-CALIFORNIA	100.765884	100.77	3.48
CENTRAL OREGON	196.978	197.512569	3.48
THE DALLES-CALIFORNIA	143.987	144.01	3.48
CENTRAL OREGON	171.08	171.11	3.48
THE DALLES-CALIFORNIA	191.1799716	192.2503594	3.48
CENTRAL OREGON	207.56	207.929483	3.48
CENTRAL OREGON	222.8261727	222.9094672	3.48
OREGON-WASHINGTON	11.57002351	11.64	3.48
CENTRAL OREGON	222.6155659	222.6540945	3.48
THE DALLES-CALIFORNIA	197.4820397	197.5289897	3.48
CENTRAL OREGON	183.744	183.78	3.48
CENTRAL OREGON	235.7690712	235.8021612	3.48
THE DALLES-CALIFORNIA	153.67	157.7298507	3.48
CENTRAL OREGON	203.5148691	203.72	3.48
THE DALLES-CALIFORNIA	183.376029	183.5340247	3.48
CENTRAL OREGON	192.5530122	192.612	3.48
THE DALLES-CALIFORNIA	249.5200001	250.9702848	3.48
CENTRAL OREGON	215.4764085	215.533	3.48
JOHN DAY	269.24	269.29	3.48
CENTRAL OREGON	204.9749884	205	3.48
JOHN DAY	153.7900235	153.8062127	3.48
THE DALLES-CALIFORNIA	164.9366228	164.9946874	3.48
CENTRAL OREGON	191.0942148	191.1219577	3.48
THE DALLES-CALIFORNIA	247.6	247.71	3.48
CENTRAL OREGON	247.3271716	247.945	3.48
THE DALLES-CALIFORNIA	100.77	102.59	3.48
CENTRAL OREGON	213.34	213.6046001	3.48
JOHN DAY	131.831	143.91	3.48
CENTRAL OREGON	223.5567579	223.58951	3.48
CENTRAL OREGON	157.92	160.7303624	3.48
CENTRAL OREGON	193.8673194	193.912	3.48
CENTRAL OREGON	35.65	35.79	3.48
JOHN DAY	167.7073682	167.9252125	3.48
CENTRAL OREGON	221.5778258	221.6414661	3.48
THE DALLES-CALIFORNIA	203.5828432	205.89	3.48
CENTRAL OREGON	191.9861645	192.0476408	3.48
THE DALLES-CALIFORNIA	199.0725171	199.2164444	3.48
CENTRAL OREGON	247.276	247.2820133	3.48
JOHN DAY	276.8069943	276.8280495	3.48
CENTRAL OREGON	206.984	207.0575982	3.48
THE DALLES-CALIFORNIA	144.01	144.4389317	3.48
CENTRAL OREGON	185.1380413	185.2514339	3.48
THE DALLES-CALIFORNIA	250.9702848	251.74	3.48
CENTRAL OREGON	211.244	211.317729	3.48
OREGON COAST	244.47	244.56	3.48
CENTRAL OREGON	226.8929762	226.9	3.48
THE DALLES-CALIFORNIA	189.28	191.15	3.48
CENTRAL OREGON	182.822	182.964	3.48
JOHN DAY	166.6062514	166.6572978	3.48
CENTRAL OREGON	205.074	205.105	3.48
JOHN DAY	180.4	183.21	3.48
CENTRAL OREGON	230.5177139	230.527	3.48

CENTRAL OREGON	128.06	128.49	3.48
THE DALLES-CALIFORNIA	180.5310434	180.6270419	3.48
CENTRAL OREGON	209.8257161	209.8570153	3.48
OREGON-WASHINGTON	19.28764702	19.29	3.48
CENTRAL OREGON	216.863	216.8871096	3.48
THE DALLES-CALIFORNIA	209.7095455	209.7437094	3.48
CENTRAL OREGON	186.8011877	186.8394821	3.48
CENTRAL OREGON	18.01	20.46035919	3.48
CENTRAL OREGON	252.4695109	252.5223656	3.48
CENTRAL OREGON	205.82	205.8619552	3.48
THE DALLES-CALIFORNIA	212.285	212.3261252	3.48
CENTRAL OREGON	214.069888	214.1605698	3.48
THE DALLES-CALIFORNIA	194.8	194.84	3.48
CENTRAL OREGON	186.5208194	186.5585119	3.48
CENTRAL OREGON	201.0217456	201.8632495	3.48
THE DALLES-CALIFORNIA	168.2344796	168.2900235	3.48
CENTRAL OREGON	185.4254784	185.6307545	3.48
THE DALLES-CALIFORNIA	249.08	249.5200001	3.48
CENTRAL OREGON	250.115308	250.3271103	3.48
CENTRAL OREGON	215.533	215.6350692	3.48
THE DALLES-CALIFORNIA	174.9396151	177.446559	3.48
CENTRAL OREGON	229.7535022	230.0614267	3.48
CENTRAL OREGON	127.709	128.06	3.48
THE DALLES-CALIFORNIA	168.5100235	169.68	3.48
THE DALLES-CALIFORNIA	202.82	203.1138836	3.48
CENTRAL OREGON	190.29092	190.7086231	3.48
THE DALLES-CALIFORNIA	214.8328228	215.7141505	3.48
THE DALLES-CALIFORNIA	158.7801931	160.6134539	3.48
THE DALLES-CALIFORNIA	89.66	91.138	3.48
CENTRAL OREGON	252.9268193	252.98	3.48
JOHN DAY	276.83677	276.956	3.48
CENTRAL OREGON	198.15	198.2614152	3.48
CENTRAL OREGON	226.6696242	226.758	3.48
THE DALLES-CALIFORNIA	184.1447409	184.2301271	3.48
OREGON-WASHINGTON	20.45	20.47	3.48
CENTRAL OREGON	210.123	210.1808529	3.48
JOHN DAY	167.9645238	174.5602871	3.48
CENTRAL OREGON	246.7131445	246.7794222	3.48
OREGON-WASHINGTON	12.29592776	16.035592	3.48
JOHN DAY	167.642889	167.6822626	3.48
THE DALLES-CALIFORNIA	180.1385146	180.1939192	3.48
CENTRAL OREGON	183.7039479	183.7230065	3.48
CENTRAL OREGON	198.689	198.71	3.48
CENTRAL OREGON	184.2895357	184.2924776	3.48
CENTRAL OREGON	234.164651	234.2013643	3.48
THE DALLES-CALIFORNIA	247.32	247.45	3.48
CENTRAL OREGON	196.9567756	196.959	3.48
CENTRAL OREGON	228.3222682	228.4187387	3.48
THE DALLES-CALIFORNIA	191.15	191.1799716	3.48
CENTRAL OREGON	212.823	213.34	3.48
OREGON COAST	243.2	244.06	3.48
CENTRAL OREGON	219.5650053	220.0324929	3.48
CENTRAL OREGON	202.7	203.064	3.48
OREGON-WASHINGTON	23.45	24.906	3.48
THE DALLES-CALIFORNIA	280.16	282.02	3.48
CENTRAL OREGON	193.9633338	194.005	3.48
THE DALLES-CALIFORNIA	164.2532827	164.5106054	3.48
CENTRAL OREGON	218.7707615	218.88	3.48
CENTRAL OREGON	220.068	220.3917208	3.48
THE DALLES-CALIFORNIA	209.1059412	209.1252453	3.48
CENTRAL OREGON	192.4247497	192.4752634	3.48
CENTRAL OREGON	21.69	35.65	3.48
JOHN DAY	155.3	155.43	3.48
CENTRAL OREGON	204.3325102	204.396	3.48
CENTRAL OREGON	192.8142433	192.8337036	3.48
THE DALLES-CALIFORNIA	251.74	251.94	3.48
THE DALLES-CALIFORNIA	153.4	153.4	3.48
CENTRAL OREGON	249.5752349	249.5788199	3.48
CENTRAL OREGON	194.613	194.669312	3.48
JOHN DAY	131.6542242	131.831	3.48
CENTRAL OREGON	231.6794276	232.4340017	3.48
CENTRAL OREGON	132.4652515	132.5029711	3.48
CENTRAL OREGON	246.6125076	246.82	3.48
THE DALLES-CALIFORNIA	195.019	195.15	3.48
CENTRAL OREGON	208.813	208.8496229	3.48
OREGON COAST	244.33	244.47	3.48
CENTRAL OREGON	200.848	200.866	3.48

OREGON-WASHINGTON	19.29	19.301887	3.48
CENTRAL OREGON	217.2390726	217.245	3.48
THE DALLES-CALIFORNIA	206.17	206.38	3.48
CENTRAL OREGON	186.1027687	186.1501589	3.48
CENTRAL OREGON	234.2203819	234.2382743	3.48
THE DALLES-CALIFORNIA	209.9571416	210.0624117	3.48
THE DALLES-CALIFORNIA	162.2719414	162.5253746	3.48
CENTRAL OREGON	251.5392376	251.543471	3.48
JOHN DAY	269.29	273.8	3.48
CENTRAL OREGON	206.436	206.447	3.48
THE DALLES-CALIFORNIA	251.94	256.489876	3.48
THE DALLES-CALIFORNIA	209.6552099	209.6898415	3.48
CENTRAL OREGON	183.9724372	183.9849004	3.48
CENTRAL OREGON	12.6	17.44	3.48
THE DALLES-CALIFORNIA	161.7468876	162.0913242	3.48
CENTRAL OREGON	252.6786398	252.7111164	3.48
CENTRAL OREGON	196.692	196.757722	3.48
JOHN DAY	193.75	193.77	3.48
CENTRAL OREGON	192.676153	192.7306679	3.48
THE DALLES-CALIFORNIA	211.6373847	212.2005819	3.48
CENTRAL OREGON	215.2545332	215.2929656	3.48
CENTRAL OREGON	224.9073951	225.3093933	3.48
THE DALLES-CALIFORNIA	180.2409297	180.271	3.48
CENTRAL OREGON	183.243	183.598445	3.48
OREGON-WASHINGTON	18.99	19.14312311	3.48
JOHN DAY	164.343279	164.3868401	3.48
CENTRAL OREGON	203.1801808	203.5046344	3.48
THE DALLES-CALIFORNIA	209.1785188	209.2432503	3.48
CENTRAL OREGON	171.11	172.9532405	3.48
CENTRAL OREGON	20.86985778	20.96	3.48
THE DALLES-CALIFORNIA	213.7597053	214.5064106	3.48
CENTRAL OREGON	249.644	249.8734521	3.48
CENTRAL OREGON	194.725	194.8560896	3.48
JOHN DAY	146.08	146.1	3.48
CENTRAL OREGON	227.8051826	228.0077685	3.48
CENTRAL OREGON	211.6702781	212.188	3.48
THE DALLES-CALIFORNIA	164.62	164.8684334	3.48
CENTRAL OREGON	217.5251457	217.572	3.48
JOHN DAY	167.2832912	167.6309407	3.48
THE DALLES-CALIFORNIA	179.9770334	180.0877936	3.48
CENTRAL OREGON	186.8858975	186.9542386	3.48
CENTRAL OREGON	183.0680576	183.093188	3.48
CENTRAL OREGON	227.241	227.511	3.48
OREGON-WASHINGTON	20.41	20.45	3.48
THE DALLES-CALIFORNIA	279.37	280.16	3.48
THE DALLES-CALIFORNIA	177.6972004	177.7	3.48
CENTRAL OREGON	186.5756721	186.635	3.48
OREGON-WASHINGTON	11.64	11.79848099	3.48
CENTRAL OREGON	198.71	198.7405485	3.48
THE DALLES-CALIFORNIA	166.1371674	166.8056042	3.48
CENTRAL OREGON	184.5120915	184.5427042	3.48
CENTRAL OREGON	238.78	244.833	3.48
THE DALLES-CALIFORNIA	216.1172167	219.1098654	3.48
THE DALLES-CALIFORNIA	162.6517193	162.6625266	3.48
THE DALLES-CALIFORNIA	89.65	89.66	3.48
JOHN DAY	273.8	273.85	3.48
CENTRAL OREGON	215.8209301	215.9217821	3.48
CENTRAL OREGON	230.1434502	230.2314933	3.48
THE DALLES-CALIFORNIA	256.489876	257.6004002	3.48
THE DALLES-CALIFORNIA	180.384404	180.5269243	3.48
CENTRAL OREGON	208.113	208.7751479	3.48
JOHN DAY	184.15	190.3362898	3.48
CENTRAL OREGON	220.606598	220.6986304	3.48
OREGON-WASHINGTON	6.238525974	6.303720987	3.48
JOHN DAY	164.89	165.15661	3.48
THE DALLES-CALIFORNIA	202.79	202.82	3.48
CENTRAL OREGON	185.9474545	185.9919404	3.48
JOHN DAY	259.0661404	266.0168872	3.48
CENTRAL OREGON	195.872493	196.5923998	3.48
CENTRAL OREGON	182.5750477	182.6089157	3.48
THE DALLES-CALIFORNIA	245.7300362	247.32	3.48
CENTRAL OREGON	132.36	132.3642606	3.48
CENTRAL OREGON	204.6139351	204.6376704	3.48
THE DALLES-CALIFORNIA	168.2900235	168.5100235	3.48
CENTRAL OREGON	235.9245833	237.23	3.48
THE DALLES-CALIFORNIA	215.9765291	215.9987212	3.48
CENTRAL OREGON	247.3016528	247.305	3.48

THE DALLES-CALIFORNIA	99.45	99.46	3.48
CENTRAL OREGON	199.7968781	200.5809195	3.48
CENTRAL OREGON	223.6623137	223.9011961	3.48
THE DALLES-CALIFORNIA	192.2503594	194.8	3.48
CENTRAL OREGON	209.247	209.431	3.48
JOHN DAY	183.25	184.13	3.48
CENTRAL OREGON	217.6217677	218.1647515	3.48
JOHN DAY	154.4201493	155.3	3.48
THE DALLES-CALIFORNIA	208.8167556	208.822	3.48
CENTRAL OREGON	182.7183171	182.7462943	3.48
CENTRAL OREGON	217.1415566	217.1659845	3.48
JOHN DAY	203.82	210.29	3.48
THE DALLES-CALIFORNIA	183.554589	183.5828546	3.48
CENTRAL OREGON	166	171.08	3.48
THE DALLES-CALIFORNIA	220.9198142	229.4503389	3.48
CENTRAL OREGON	252.8727563	252.9114162	3.48
CENTRAL OREGON	206.537	206.5435634	3.48
OREGON-WASHINGTON	21.69295607	21.75	3.48
THE DALLES-CALIFORNIA	195.37	195.4503041	3.48
CENTRAL OREGON	193.78725	193.8212238	3.48
CENTRAL OREGON	215.005595	215.2014867	3.48
CENTRAL OREGON	160.7303624	160.9701784	3.48
OREGON-WASHINGTON	20.59669751	20.69980294	3.48
THE DALLES-CALIFORNIA	195.15	195.37	3.48
CENTRAL OREGON	213.617	213.8353012	3.48
CENTRAL OREGON	202.6034085	202.63	3.48
OREGON-WASHINGTON	20.332	20.41	3.48
THE DALLES-CALIFORNIA	195.21	195.37	3.48
CENTRAL OREGON	220.8018905	220.812	3.48
CENTRAL OREGON	192.3	192.3123042	3.48
CENTRAL OREGON	20.96	20.97	3.48
THE DALLES-CALIFORNIA	195.51	195.5138934	3.48
CENTRAL OREGON	250.3799484	250.463	3.48
JOHN DAY	163.808272	164.0429371	3.48
CENTRAL OREGON	205.0313618	205.0677482	3.48
JOHN DAY	146.1	153.7900235	3.48
THE DALLES-CALIFORNIA	68.58977535	73.27	3.48
THE DALLES-CALIFORNIA	213.030508	213.0569199	3.48
CENTRAL OREGON	209.679	209.6921122	3.48
OREGON COAST	244.47	244.4725964	3.48
CENTRAL OREGON	231.428	231.5713211	3.48
CENTRAL OREGON	134.31	154.6376233	3.48
THE DALLES-CALIFORNIA	185.39	189.28	3.48
CENTRAL OREGON	192.907	193.0216315	3.48
THE DALLES-CALIFORNIA	195.37	195.52	3.48
JOHN DAY	166.4149998	166.456	3.48
CENTRAL OREGON	204.476	204.5660071	3.48
THE DALLES-CALIFORNIA	195.4924873	195.51	3.48
CENTRAL OREGON	185.043	185.0989363	3.48
CENTRAL OREGON	234.4776788	234.5657134	3.48
THE DALLES-CALIFORNIA	247.71	247.8900235	3.48
THE DALLES-CALIFORNIA	153.4	153.67	3.48
CENTRAL OREGON	207.207	207.2240012	3.48
OREGON-WASHINGTON	19.80143509	20.332	3.48
CENTRAL OREGON	203.7542847	203.9590304	3.48
THE DALLES-CALIFORNIA	208.8265749	209.0489832	3.48
CENTRAL OREGON	192.3402951	192.3575003	3.48
CENTRAL OREGON	233.482	233.522	3.48
THE DALLES-CALIFORNIA	206.38	206.7	3.48
THE DALLES-CALIFORNIA	88.45	89.65	3.48
CENTRAL OREGON	247.972	248.5025968	3.48
CENTRAL OREGON	197.5267013	197.7849016	3.48
THE DALLES-CALIFORNIA	68.1497694	68.58977535	3.48
CENTRAL OREGON	190.899117	190.9280598	3.48
THE DALLES-CALIFORNIA	231.94	245.7300362	3.48
CENTRAL OREGON	207.5032098	207.5550695	3.48
CENTRAL OREGON	228.0493505	228.2465833	3.48
THE DALLES-CALIFORNIA	178.4475055	179.9456817	3.48
CENTRAL OREGON	183.6306132	183.6635353	3.48
CENTRAL OREGON	189.8269454	190.0832176	3.48
CENTRAL OREGON	205.5531349	205.5817177	3.48
CENTRAL OREGON	235.4512258	235.7591716	3.48
THE DALLES-CALIFORNIA	257.6004002	262.9754728	3.48
CENTRAL OREGON	252.3644025	252.3738985	3.48
CENTRAL OREGON	205.788	205.82	3.48
CENTRAL OREGON	225.7030458	225.8912424	3.48
THE DALLES-CALIFORNIA	182.4702256	182.5023264	3.48

CENTRAL OREGON	183.007	183.0544047	3.48
JOHN DAY	213.0947867	222.908	3.48
CENTRAL OREGON	227.1781156	227.217	3.48
THE DALLES-CALIFORNIA	184.4709007	184.6197803	3.48
OREGON-WASHINGTON	20.50187697	20.53496627	3.48
CENTRAL OREGON	183.11	183.2101013	3.48
JOHN DAY	180.37	180.4	3.48
CENTRAL OREGON	221.8824652	222.2283758	3.48
THE DALLES-CALIFORNIA	153.33	153.33	3.48
CENTRAL OREGON	186.4693326	186.4862089	3.48
CENTRAL OREGON	217.293	217.3025765	3.48
CENTRAL OREGON	185.842064	185.8689971	3.48
CENTRAL OREGON	234.2539699	234.2586348	3.48
THE DALLES-CALIFORNIA	229.4503389	231.6899999	3.48
THE DALLES-CALIFORNIA	99.46	99.89	3.48
CENTRAL OREGON	253.1164903	257.1523859	3.48
THE DALLES-CALIFORNIA	100.237	100.5586721	3.48
CENTRAL OREGON	215.4033724	215.4366108	3.48
CENTRAL OREGON	134.292454	134.31	3.48
THE DALLES-CALIFORNIA	194.84	195.019	3.48
CENTRAL OREGON	213.999	214.0598267	3.48
OREGON COAST	241.824	241.96	3.48
CENTRAL OREGON	220.934	220.9433349	3.48
THE DALLES-CALIFORNIA	153.097	153.33	3.48
JOHN DAY	166.77	167.2379154	3.48
CENTRAL OREGON	220.4455995	220.463	3.48
THE DALLES-CALIFORNIA	199.7607601	199.9612384	3.48
CENTRAL OREGON	210.853	211.1803105	3.48
THE DALLES-CALIFORNIA	162.5562586	162.641	3.48
CENTRAL OREGON	248.9379313	249.5172411	3.48
JOHN DAY	267.4394853	269.24	3.48
CENTRAL OREGON	215.9768327	216.225	3.48
THE DALLES-CALIFORNIA	194.8	195.21	3.48
JOHN DAY	165.3705141	166.3884929	3.48
THE DALLES-CALIFORNIA	195.5704103	195.9128863	3.48
CENTRAL OREGON	192.0951857	192.1021621	3.48
CENTRAL OREGON	17.44	17.45	3.48
THE DALLES-CALIFORNIA	124.9839404	129.7175701	3.48
CENTRAL OREGON	205.5817177	205.7549425	3.48
THE DALLES-CALIFORNIA	169.81	173.8503832	3.48
JOHN DAY	190.8493915	193.75	3.48
CENTRAL OREGON	192.7659058	192.7990846	3.48
THE DALLES-CALIFORNIA	247.45	247.547	3.48
CENTRAL OREGON	197.7905918	197.9610762	3.48
CENTRAL OREGON	227.7461099	227.76	3.48
OREGON-WASHINGTON	20.41	20.41619824	3.48
THE DALLES-CALIFORNIA	282.02	282.05	3.48
CENTRAL OREGON	213.8745006	213.999	3.48
OREGON COAST	244.33	244.3311986	3.48
CENTRAL OREGON	202.543	202.5637844	3.48
THE DALLES-CALIFORNIA	153.33	153.67	3.48
JOHN DAY	166.6977028	166.7410224	3.48
CENTRAL OREGON	196.600346	196.6298895	3.48
THE DALLES-CALIFORNIA	200.6126295	201.6202818	3.48
CENTRAL OREGON	184.134	184.2079538	3.48
THE DALLES-CALIFORNIA	205.89	206.17	3.48
CENTRAL OREGON	252.7545613	252.785244	3.48
JOHN DAY	155.43	159.2900234	3.48
CENTRAL OREGON	194.672	194.684	3.48
THE DALLES-CALIFORNIA	184.7121094	184.8640282	3.48
CENTRAL OREGON	191.0132629	191.05	3.48
THE DALLES-CALIFORNIA	213.0959928	213.098657	3.48
CENTRAL OREGON	210.1808529	210.755	3.48
CENTRAL OREGON	225.5460693	225.5512326	3.48
JOHN DAY	124.17	130.2109222	3.48
CENTRAL OREGON	190.1081949	190.1631943	3.48
THE DALLES-CALIFORNIA	247.8900235	248.75	3.48
CENTRAL OREGON	199.4752019	199.787	3.48
CENTRAL OREGON	230.4149671	230.503	3.48
CENTRAL OREGON	127.4151203	127.709	3.48
THE DALLES-CALIFORNIA	177.808492	177.9392864	3.48
CENTRAL OREGON	210.0871292	210.123	3.48
CENTRAL OREGON	246.657	246.6596368	3.48
CENTRAL OREGON	200.6351299	200.657	3.48
CENTRAL OREGON	184.023	184.0250284	3.48
CENTRAL OREGON	233.2177552	233.224	3.48
THE DALLES-CALIFORNIA	196.1116573	196.3404848	3.48

CENTRAL OREGON	250.6250374	250.8327621	3.48
CENTRAL OREGON	199.3024983	199.4663782	3.48
JOHN DAY	193.77	203.19	3.48
CENTRAL OREGON	230.8484763	230.9613685	3.48
THE DALLES-CALIFORNIA	67.17	68.1497694	3.48
OREGON-WASHINGTON	20.69980294	21.57385176	3.48
CENTRAL OREGON	193.7505143	193.7596755	3.48
THE DALLES-CALIFORNIA	180.271	180.3672485	3.48
CENTRAL OREGON	186.370704	186.3800193	3.48
CENTRAL OREGON	204.5756676	204.59	3.48
CENTRAL OREGON	187.5654083	188.6343066	3.48
OREGON COAST	337.02	337.05	3.48
OREGON COAST	12.923	14.74	3.48
KLAMATH FALLS-LAKEVIEW	19.08	23.65290706	3.48
OREGON COAST	89.72186785	89.803	3.48
OREGON COAST	296.4400731	296.48	3.48
PENDLETON-JOHN DAY	98.3	98.33	3.48
OREGON COAST	177.88	185.97	3.48
KLAMATH FALLS-LAKEVIEW	91.75015118	91.97560611	3.48
OREGON COAST	222.4042385	222.821	3.48
OREGON COAST	86.84569427	86.85559316	3.48
REDWOOD	32.64	33.66020195	3.48
WILLAMETTE	61.46	61.47	3.48
MCKENZIE	49.43280279	49.71086763	3.48
SANTIAM	21.55	22.71735261	3.48
OREGON COAST	51.86	51.88	3.48
WILLAMINA-SALEM	20.33	20.37	3.48
WILLAMETTE	34.18517827	34.19	3.48
CORVALLIS-NEWPORT	10.49999954	10.63760888	3.48
OREGON COAST	326.43	326.456	3.48
WALLOWA LAKE	12.97723059	15.86	3.48
MCKENZIE	21.61871256	21.791	3.48
MT. HOOD	48.49013157	48.58202532	3.48
OREGON COAST	86.26706103	86.28542469	3.48
OREGON COAST	275.59	275.6800235	3.48
FREMONT	140.6890604	140.692	3.48
OREGON COAST	196.9400235	198.58	3.48
OREGON COAST	149.035	149.069	3.48
KLAMATH FALLS-LAKEVIEW	92.39887885	92.40986057	3.48
WILLAMINA-SALEM	3.173285937	3.203650657	3.48
OREGON COAST	93.95998637	94.32980483	3.48
OREGON COAST	228.0154029	228.2560943	3.48
REDWOOD	12.5435502	16.25970008	3.48
WILLAMETTE	58.94	61.46	3.48
MT. HOOD	91.5233541	91.625	3.48
OREGON COAST	296.9797294	299.8039926	3.48
OREGON COAST	163.85	163.9899992	3.48
OREGON COAST	231.250054	232.1200235	3.48
WILLAMETTE	86.04	86.085	3.48
OREGON COAST	43.21668816	44.202	3.48
CORVALLIS-NEWPORT	24.259	26.87	3.48
CORVALLIS-NEWPORT	14.5	14.512	3.48
WARM SPRINGS INTCHG. CONN.	57.67266668	57.68	3.48
MT. HOOD	40.27	40.29458262	3.48
SANTIAM	80.20005687	80.44010031	3.48
OREGON COAST	82.12998775	83.7901235	3.48
WILLAMETTE	34.19	34.19999922	3.48
CORVALLIS-NEWPORT	37.2	37.67019401	3.48
FREMONT	128.986	130.2085593	3.48
CORVALLIS-NEWPORT	27.88	28.23	3.48
MT. HOOD	26.46750523	26.67	3.48
WILLAMETTE	83.28149375	83.32409157	3.48
CORVALLIS-NEWPORT	6.242341261	6.251	3.48
OREGON COAST	327.49	327.8500235	3.48
WALLOWA LAKE	66.55435065	66.60540307	3.48
MCKENZIE	45.66082863	46.03725157	3.48
SANTIAM	19.97	20.28354235	3.48
OREGON COAST	54.18	54.25	3.48
CORVALLIS-NEWPORT	15.69	16.46	3.48
OREGON COAST	343.3602113	351.1003124	3.48
WALLOWA LAKE	68.57809872	70.93106626	3.48
OREGON COAST	151.0635459	151.18	3.48
MT. HOOD	44.9951591	45.0455852	3.48
OREGON COAST	85.691	85.784	3.48
OREGON COAST	244.48	244.56	3.48
PENDLETON-JOHN DAY	49.54	56.16	3.48
WALLOWA LAKE	34.14	41.73	3.48

OREGON COAST	129.2800235	132.4708591	3.48
FREMONT	140.7400235	142.21	3.48
OREGON COAST	192.28	192.61	3.48
OREGON COAST	165.4800235	177.83	3.48
KLAMATH FALLS-LAKEVIEW	92.97022539	93.04954976	3.48
WILLAMINA-SALEM	8.56	8.58	3.48
OREGON COAST	88.44330394	88.498279	3.48
WILLAMETTE	36.84002349	45.8	3.48
REDWOOD	8.79	9.03	3.48
MT. HOOD	36.38	38.49433973	3.48
OREGON COAST	25.09	25.10132594	3.48
CORVALLIS-NEWPORT	3.073	5.427233702	3.48
WILLAMETTE	4.307217899	4.714393554	3.48
OREGON COAST	32.69	34.6	3.48
CORVALLIS-NEWPORT	10.13307932	10.37	3.48
CORVALLIS-NEWPORT	5.898541713	6.235945987	3.48
OREGON COAST	327.46	327.48	3.48
MCKENZIE	107.91	107.9940295	3.48
KLAMATH FALLS-LAKEVIEW	60.71	61.98	3.48
OREGON COAST	82.10002194	82.12998775	3.48
OREGON COAST	341.85	343.1198719	3.48
WALLOWA LAKE	3.26	11.64615793	3.48
MCKENZIE	34.85102464	35.11845979	3.48
OREGON COAST	149.069	149.0900235	3.48
SANTIAM	34.412	34.61884607	3.48
OREGON COAST	90.17425806	90.1948478	3.48
OREGON COAST	278.5489132	279.01	3.48
FREMONT	145.0700235	157.59	3.48
OREGON COAST	209.58	211.1100235	3.48
OREGON COAST	157.2323743	157.51	3.48
WILLAMINA-SALEM	2.44147277	2.556161345	3.48
OREGON COAST	205.7901399	206.5696511	3.48
WALLOWA LAKE	3.24	3.26	3.48
MCKENZIE	31.53880401	32.52682579	3.48
SANTIAM	33.98	33.9870313	3.48
OREGON COAST	91.37	92.02	3.48
FREMONT	135.9792566	135.988117	3.48
OREGON COAST	208.68	208.7	3.48
KLAMATH FALLS-LAKEVIEW	93.9	93.91	3.48
WILLAMINA-SALEM	15.729	15.85	3.48
WILLAMETTE	86.04	86.12	3.48
MCKENZIE-BEND	7.290025394	7.341711811	3.48
OREGON COAST	57.171	57.568	3.48
REDWOOD	6.7	7.09	3.48
OREGON COAST	25.15769569	25.16	3.48
OREGON COAST	34.91	34.96	3.48
OREGON COAST	327.8500235	327.8503103	3.48
MCKENZIE	51.1007835	52.59813846	3.48
MT. HOOD	32.68	32.97852864	3.48
MT. HOOD	91.27902917	91.29126528	3.48
DAVIS SLOUGH CONN.	244.497	244.5	3.48
OREGON COAST	86.68505044	86.69022245	3.48
PENDLETON-JOHN DAY	11.47	14.52235171	3.48
OREGON COAST	330.16	330.29	3.48
MT. HOOD	57.81	59.68130232	3.48
SANTIAM	35.407	36.25551145	3.48
REDWOOD	21.59	24.66999979	3.48
ALBANY-CORVALLIS	5.999966359	6.008774256	3.48
OREGON COAST	244.93	257.84	3.48
MCKENZIE-BEND	7.91623958	8.741986056	3.48
OREGON COAST	201.1102537	205.7901399	3.48
MT. HOOD	27.41984281	27.64	3.48
WILLAMINA-SALEM	19.4	19.54	3.48
OREGON COAST	213.7201328	215.77	3.48
REDWOOD	37.87967834	38.22997636	3.48
CORVALLIS-NEWPORT	6.419648563	6.450389718	3.48
KLAMATH FALLS-LAKEVIEW	62	63.40411026	3.48
OREGON COAST	56.43	56.6000235	3.48
MT. HOOD	90.68543505	91.00800895	3.48
SANTIAM	71.69	74.59	3.48
MCKENZIE	92.08783134	92.19999988	3.48
WILLAMETTE	7.21	8.101915232	3.48
CORVALLIS-NEWPORT	42.17	42.18	3.48
FREMONT	127.9218258	127.9664924	3.48
CORVALLIS-NEWPORT	15.17259231	15.57930376	3.48
OREGON COAST	322.11	322.12	3.48
WILLAMETTE	84.01043006	84.07371433	3.48

WILLAMETTE	34.66022641	34.99	3.48
MT. HOOD	39.92	40.01	3.48
MT. HOOD	89.88258267	89.90024806	3.48
OREGON COAST	25.12	25.16	3.48
OREGON COAST	71.82	72.18135612	3.48
MT. HOOD	84.33189871	84.96	3.48
OREGON COAST	215.92	221.36	3.48
WILLAMETTE	34.19999922	34.47	3.48
CORVALLIS-NEWPORT	34.35	36.63	3.48
FREMONT	130.4289403	130.8023458	3.48
CORVALLIS-NEWPORT	8.784	9.017362036	3.48
OREGON COAST	326.456	326.55	3.48
MT. HOOD	48.04686311	48.49013157	3.48
SANTIAM	76.13971297	80.20005687	3.48
OREGON COAST	86.42721263	86.52344584	3.48
MT. HOOD	57.2	57.45	3.48
OREGON COAST	244.27	244.48	3.48
OREGON COAST	351.15	351.3201145	3.48
OREGON COAST	149.0900235	149.339	3.48
REDWOOD	27.43879229	27.47002348	3.48
OREGON COAST	260.13	260.4835884	3.48
PENDLETON-JOHN DAY	113.32	114.9	3.48
OREGON COAST	163.1	163.3200235	3.48
WILLAMINA-SALEM	12.72	15.34	3.48
MT. HOOD	33.61652934	35.00764782	3.48
MT. HOOD	89.51547629	89.58390415	3.48
WALLOWA LAKE	65.9375989	66.05803033	3.48
SANTIAM	75.84017719	76.13971297	3.48
CORVALLIS-NEWPORT	42.18	42.38014367	3.48
OREGON COAST	337.97	339.71	3.48
MCKENZIE	17.4831177	18.76044298	3.48
KLAMATH FALLS-LAKEVIEW	34.42	34.43	3.48
MT. HOOD	47.86797659	47.9695576	3.48
MT. HOOD	20.87	20.95513719	3.48
SANTIAM	36.82909048	36.84636913	3.48
OREGON COAST	86.71159144	86.785	3.48
OREGON COAST	275.131332	275.16	3.48
MCKENZIE-BEND	5.051239551	5.289789613	3.48
FREMONT	131.6443616	131.6694128	3.48
KLAMATH FALLS-LAKEVIEW	89.4860837	89.54693307	3.48
WILLAMINA-SALEM	16.114	16.17	3.48
OREGON COAST	45.98	46.5	3.48
OREGON COAST	96.76	97.48034078	3.48
REDWOOD	20.4075309	21.46	3.48
WILLAMETTE	46.19988796	46.71997816	3.48
MT. HOOD	45.25642877	45.48874935	3.48
SANTIAM	37.09538954	37.15284579	3.48
OREGON COAST	86.32135572	86.39017241	3.48
OREGON COAST	275.58	275.59	3.48
MCKENZIE-BEND	5.55	5.909183846	3.48
FREMONT	133.4742091	133.4977997	3.48
WILLAMINA-SALEM	5.453038849	5.479472652	3.48
MCKENZIE	106.23	106.25	3.48
OREGON COAST	101.0396793	101.3702423	3.48
WILLAMETTE	61.50015233	62.0637136	3.48
ALBANY-CORVALLIS	5.62	5.63	3.48
CORVALLIS-NEWPORT	6.838314308	7.169941774	3.48
REDWOOD	38.22997636	41.69	3.48
WILLAMETTE	82.95319889	82.97090723	3.48
CORVALLIS-NEWPORT	6.483327753	6.590134815	3.48
KLAMATH FALLS-LAKEVIEW	61.98	62	3.48
OREGON COAST	56.77	56.78	3.48
WILLAMINA-SALEM	15.34	15.61	3.48
OREGON COAST	241.821	241.96	3.48
WILLAMETTE	6.39	7.19	3.48
CORVALLIS-NEWPORT	10.37	10.44303653	3.48
OREGON COAST	337.05	337.97	3.48
MCKENZIE	20.29131874	21.11272007	3.48
MT. HOOD	48.62601259	51.14954018	3.48
SANTIAM	33.23871401	33.27210218	3.48
OREGON COAST	71.7	71.82	3.48
OREGON COAST	294.3197326	296.4400731	3.48
WALLOWA LAKE	55.2700235	59.68	3.48
FREMONT	133.7837343	133.87617	3.48
MCKENZIE	12.8711325	12.95420599	3.48
KLAMATH FALLS-LAKEVIEW	90.09292383	90.306	3.48
OREGON COAST	24.606	24.85	3.48

WILLAMINA-SALEM	18.84	19.32	3.48
MCKENZIE	99.31	99.66	3.48
OREGON COAST	34.88	34.91	3.48
WILLAMETTE	83.368	83.41	3.48
PENDLETON-JOHN DAY	90.8619178	97.18	3.48
SANTIAM	41.39	70.87	3.48
MCKENZIE	107.34	107.36	3.48
MCKENZIE-BEND	9.13	9.15	3.48
OREGON COAST	51.88	54.18	3.48
MT. HOOD	39.62	39.91	3.48
OREGON COAST	25.11306309	25.12	3.48
REDWOOD	29.63	31.32	3.48
WILLAMETTE	1.43	2.26	3.48
OREGON COAST	31.64781885	32.68	3.48
CORVALLIS-NEWPORT	28.71	29.11	3.48
CORVALLIS-NEWPORT	9.896309616	10.0058638	3.48
OREGON COAST	307.75	307.76	3.48
MCKENZIE	47.74249713	48.35485432	3.48
KLAMATH FALLS-LAKEVIEW	26.03	26.45	3.48
MT. HOOD	29.62138594	30.04196729	3.48
PENDLETON-JOHN DAY	119.7800235	120.2236381	3.48
OREGON COAST	226.8069426	226.81	3.48
WILLAMETTE	36.17	36.84002349	3.48
OREGON COAST	37.67639376	41.56	3.48
CORVALLIS-NEWPORT	11.43883497	11.557	3.48
MCKENZIE	46.65172329	47.22567144	3.48
OREGON COAST	85.507	85.66278504	3.48
WILLAMETTE	86.313	86.57	3.48
WILLAMETTE	6.37	6.39	3.48
OREGON COAST	15.46134927	15.49	3.48
WALLOWA LAKE	68.398	68.45297047	3.48
MCKENZIE	15.96832814	16.61648628	3.48
KLAMATH FALLS-LAKEVIEW	25.14447431	25.68	3.48
MT. HOOD	46.10634988	46.15569236	3.48
ALBANY-CORVALLIS	5.63	5.720577529	3.48
OREGON COAST	275.19	275.58	3.48
WALLOWA LAKE	47.7790692	54.60002352	3.48
FREMONT	139.004	139.06	3.48
OREGON COAST	206.5696511	208.68	3.48
KLAMATH FALLS-LAKEVIEW	92.59086518	92.60875544	3.48
WILLAMINA-SALEM	19.56	20.33	3.48
REDWOOD	9.33	12.02281176	3.48
WILLAMETTE	45.8	45.82	3.48
WALLOWA LAKE	19.07	19.26602248	3.48
OREGON COAST	51.77002351	51.86	3.48
MT. HOOD	91.485	91.521	3.48
OREGON COAST	25.43	27.53	3.48
WALLOWA LAKE	68.16308268	68.24499674	3.48
MCKENZIE	40.40232544	40.65	3.48
SANTIAM	33.13062731	33.13366673	3.48
DAVIS SLOUGH CONN.	244.48	244.483	3.48
OREGON COAST	86.15783955	86.18048454	3.48
ALBANY-CORVALLIS	6.307857743	6.41	3.48
OREGON COAST	241.96	243.2	3.48
FREMONT	157.59	157.71	3.48
OREGON COAST	331.8100235	331.8434264	3.48
MT. HOOD	57.8	57.81	3.48
ALBANY-CORVALLIS	4.384326279	5.62	3.48
OREGON COAST	287.68	288.11	3.48
PENDLETON-JOHN DAY	6.68	11.47	3.48
SANTIAM	19.37731796	19.38308883	3.48
OREGON COAST	86.5661394	86.56992607	3.48
PENDLETON-JOHN DAY	23.64	49.54	3.48
CORVALLIS-NEWPORT	39.53	41.77032659	3.48
FREMONT	120.57	127.82	3.48
WALLOWA LAKE	67.34094608	67.527	3.48
KLAMATH FALLS-LAKEVIEW	19.02	19.08	3.48
OREGON COAST	275.6800235	277.1051819	3.48
OREGON COAST	208.7	209.2803901	3.48
KLAMATH FALLS-LAKEVIEW	95.44	95.62447944	3.48
WILLAMINA-SALEM	15.34	15.729	3.48
OREGON COAST	35.25	35.27	3.48
WILLAMETTE	83.34488305	83.36418106	3.48
MCKENZIE	107.36	107.432	3.48
MT. HOOD	90.66401766	90.67378738	3.48
OREGON COAST	157.51	157.52	3.48
OREGON COAST	28.06	28.11	3.48

OREGON COAST	72.69247676	73.74556837	3.48
OREGON COAST	327.48	327.49	3.48
MCKENZIE	41.40970116	42.37191799	3.48
MT. HOOD	30.12234739	30.12411268	3.48
SANTIAM	37.21728463	37.26513335	3.48
OREGON COAST	81.76250836	82.10002194	3.48
OREGON COAST	280.91	280.99	3.48
FREMONT	130.8524747	130.8856851	3.48
OREGON COAST	330.29	331.2089661	3.48
WILLAMINA-SALEM	1.14E-13	0.207173406	3.48
OREGON COAST	94.32980483	96.15	3.48
WILLAMETTE	61.47	61.50015233	3.48
ALBANY-CORVALLIS	6.41	6.42	3.48
OREGON COAST	362.649	363.11	3.48
MT. HOOD	84.96	85.02	3.48
OREGON COAST	215.77	215.92	3.48
OREGON COAST	28.57	28.88002353	3.48
OREGON COAST	51.42	51.77002351	3.48
OREGON COAST	198.58	198.59	3.48
KLAMATH FALLS-LAKEVIEW	92.50454475	92.51512251	3.48
OREGON COAST	29.65331577	29.69002345	3.48
REDWOOD	29.4057908	29.63	3.48
WILLAMETTE	34.99	35.06	3.48
MT. HOOD	89.63500112	89.70598327	3.48
OREGON COAST	162.77	163.1	3.48
WILLAMETTE	33.45484419	33.52984967	3.48
CORVALLIS-NEWPORT	41.77032659	42.17	3.48
CORVALLIS-NEWPORT	11.809	11.92	3.48
OREGON COAST	318.37	320.95	3.48
OREGON COAST	14.75	14.93840111	3.48
MCKENZIE	28.61566199	29.9711278	3.48
OREGON COAST	85.47544884	85.49306665	3.48
OREGON COAST	244.48	244.4822515	3.48
MCKENZIE-BEND	5.310433823	5.509142608	3.48
FREMONT	131.2853286	131.364078	3.48
OREGON COAST	331.2089661	331.8100235	3.48
KLAMATH FALLS-LAKEVIEW	93.20562157	93.9	3.48
OREGON COAST	24.85	24.92	3.48
WILLAMINA-SALEM	18.38	18.84	3.48
REDWOOD	16.88027641	19.85206344	3.48
CORVALLIS-NEWPORT	42.07	42.18	3.48
PENDLETON-JOHN DAY	56.21	64.66575994	3.48
MCKENZIE-BEND	5.031134741	5.0372711	3.48
REDWOOD	7.09	7.1	3.48
OREGON COAST	156.71	156.7359023	3.48
WILLAMINA-SALEM	20.49	20.56	3.48
OREGON COAST	226.81	226.8253499	3.48
OREGON COAST	34.6	34.69	3.48
WILLAMETTE	84.89214181	85.0167606	3.48
CORVALLIS-NEWPORT	11.66391062	11.72082828	3.48
OREGON COAST	320.95	321.4262198	3.48
WALLOWA LAKE	15.86	16.60017389	3.48
SANTIAM	74.89495461	74.9	3.48
OREGON COAST	229.4274394	229.7900235	3.48
CORVALLIS-NEWPORT	34.32	34.35	3.48
OREGON COAST	351.3201145	352.158	3.48
MCKENZIE	36.00713211	36.98882656	3.48
OREGON COAST	151.18	151.43	3.48
MT. HOOD	54.20057918	54.23	3.48
SANTIAM	33.693	33.71658627	3.48
OREGON COAST	89.8080602	89.91523889	3.48
OREGON COAST	289.9300007	292.9037721	3.48
WILLAMINA-SALEM	18.84	19.4	3.48
WILLAMETTE	6.165630817	6.37	3.48
FREMONT	128.37	128.3874735	3.48
MCKENZIE	24.055388	24.2222404	3.48
OREGON COAST	149.339	149.4600235	3.48
OREGON COAST	47.80475864	48.64002348	3.48
SANTIAM	35.4009117	35.40506114	3.48
OREGON COAST	85.44973177	85.47544884	3.48
OREGON COAST	275.16	275.19	3.48
WALLOWA LAKE	33.75	34.11	3.48
FREMONT	133.339692	133.39	3.48
MCKENZIE	13.49419245	14.4514812	3.48
OREGON COAST	162.07	162.77	3.48
OREGON COAST	97.98250161	98.01	3.48
OREGON COAST	87.1391056	87.21080392	3.48

REDWOOD	24.66999979	25.71980492	3.48
MCKENZIE-BEND	6.921608259	7.290025394	3.48
REDWOOD	7.67	8.7	3.48
OREGON COAST	35.27	36.64086525	3.48
CORVALLIS-NEWPORT	26.87	27.86	3.48
CORVALLIS-NEWPORT	14.52058642	14.89	3.48
CORVALLIS-NEWPORT	6.590134815	6.651372762	3.48
WALLOWA LAKE	66.743	66.841	3.48
OREGON COAST	85.95043908	86.00264026	3.48
MCKENZIE-BEND	0.540908679	4.857403168	3.48
OREGON COAST	336.4703057	337.02	3.48
SANTIAM	36.30139388	36.45106197	3.48
OREGON COAST	92.21	93.87	3.48
MT. HOOD	57.45	57.8	3.48
OREGON COAST	280.61	280.91	3.48
PENDLETON-JOHN DAY	65.17311272	77.28	3.48
FREMONT	140.2789208	140.2965741	3.48
OREGON COAST	211.4498684	211.4598757	3.48
OREGON COAST	157.52	158.4278033	3.48
WILLAMINA-SALEM	4.126666276	4.190189372	3.48
OREGON COAST	198.59	201.0003169	3.48
REDWOOD	36.60344524	37.87967834	3.48
OREGON COAST	54.25	54.83900212	3.48
MT. HOOD	38.98269416	39.04054946	3.48
MT. HOOD	91.36576511	91.48035488	3.48
OREGON COAST	164.7800003	165.4800235	3.48
OREGON COAST	24.93	25.08663183	3.48
OREGON COAST	209.425	209.5	3.48
OREGON COAST	158.97	159.812	3.48
KLAMATH FALLS-LAKEVIEW	94.90002349	95.44	3.48
OREGON COAST	105.21	105.27	3.48
WILLAMETTE	85.15598276	85.19566273	3.48
OREGON COAST	301.8201378	301.8700105	3.48
SANTIAM	70.87	70.89	3.48
MT. HOOD	39.91	39.92	3.48
FREMONT	142.84	142.9999995	3.48
OREGON COAST	221.36	222.0800836	3.48
CORVALLIS-NEWPORT	16.46	19.488	3.48
OREGON COAST	321.7594713	322.11	3.48
MCKENZIE	97.69702067	99.31	3.48
KLAMATH FALLS-LAKEVIEW	26.45	34.23	3.48
SANTIAM	80.44010031	99.23242846	3.48
OREGON COAST	128.223406	129.2800235	3.48
MCKENZIE-BEND	5.533766381	5.55	3.48
CORVALLIS-NEWPORT	39.52	39.53	3.48
MCKENZIE	30.4752792	30.66416655	3.48
OREGON COAST	151.43	152.9139437	3.48
MT. HOOD	57.2	57.52	3.48
OREGON COAST	48.72991072	49.00002353	3.48
OREGON COAST	257.86	259.42	3.48
PENDLETON-JOHN DAY	77.28	77.3	3.48
OREGON COAST	209.2803901	209.425	3.48
WILLAMINA-SALEM	5.691455624	8.56	3.48
OREGON COAST	45.97	45.98	3.48
OREGON COAST	56.6000235	56.77	3.48
MT. HOOD	91.02785388	91.0308678	3.48
WILLAMINA-SALEM	19.54	19.56	3.48
OREGON COAST	230.6599687	231.250054	3.48
WILLAMETTE	31.69041081	33.38460178	3.48
CORVALLIS-NEWPORT	8.665391609	8.69509112	3.48
MCKENZIE	22.29227343	22.40181623	3.48
OREGON COAST	48.64002348	49.57	3.48
MT. HOOD	44.90575165	44.9785767	3.48
SANTIAM	33.61062001	33.677	3.48
WILLAMINA-SALEM	16.12	16.4	3.48
OREGON COAST	244.56	244.93	3.48
OREGON COAST	125.361	126.451	3.48
MCKENZIE-BEND	5.946117419	6.014398478	3.48
OREGON COAST	341.6499993	341.85	3.48
WILLAMETTE	34.47	34.57835964	3.48
CORVALLIS-NEWPORT	8.474813516	8.518174755	3.48
OREGON COAST	329.8606787	330.16	3.48
WALLOWA LAKE	68.304	68.39402509	3.48
KLAMATH FALLS-LAKEVIEW	54.55713067	54.74	3.48
MT. HOOD	30.23061783	32.68	3.48
OREGON COAST	86.12107631	86.14196512	3.48
OREGON COAST	49.28	49.31	3.48

OREGON COAST	351.1003124	351.13	3.48
OREGON COAST	153.4133378	154.5199927	3.48
SANTIAM	35.23586245	35.33406435	3.48
OREGON COAST	49.31	49.37	3.48
REDWOOD	16.25970008	16.88027641	3.48
OREGON COAST	279.01	279.04	3.48
PENDLETON-JOHN DAY	115.32	119.7800235	3.48
KLAMATH FALLS-LAKEVIEW	89.99028789	90.02243815	3.48
MT. HOOD	88.34	88.9880145	3.48
WILLAMINA-SALEM	16.2	16.55	3.48
OREGON COAST	28.374	28.57	3.48
WILLAMETTE	84.50752622	84.54014922	3.48
OREGON COAST	301.6870205	301.8201378	3.48
WALLOWA LAKE	20.86113996	33.56	3.48
WARM SPRINGS INTCHG. CONN.	57.67266668	57.68	3.48
FREMONT	128.3930433	128.986	3.48
OREGON COAST	334.87	336.4703057	3.48
MCKENZIE	19.26263524	19.68814667	3.48
KLAMATH FALLS-LAKEVIEW	34.43	40.52153506	3.48
SANTIAM	70.89	71.52	3.48
OREGON COAST	86.25843224	86.26296722	3.48
OREGON COAST	281.19	281.33	3.48
OREGON COAST	49.37	49.57	3.48
FREMONT	131.486	131.5294131	3.48
OREGON COAST	149.92	150.2271477	3.48
OREGON COAST	126.4900235	126.7812503	3.48
KLAMATH FALLS-LAKEVIEW	90.96569824	91.13295997	3.48
WILLAMINA-SALEM	8.58	12.72	3.48
OREGON COAST	98.05	101.0396793	3.48
WILLAMETTE	45.82	46.19988796	3.48
PENDLETON-JOHN DAY	98.33	113.32	3.48
MCKENZIE-BEND	13.08	13.65014484	3.48
CORVALLIS-NEWPORT	28.69	28.71	3.48
REDWOOD	33.66020195	34.11	3.48
OREGON COAST	41.58	43.08	3.48
CORVALLIS-NEWPORT	30.3	30.99	3.48
KLAMATH FALLS-LAKEVIEW	89.86363035	89.88703579	3.48
WILLAMINA-SALEM	4.112000269	4.116520629	3.48
WILLAMETTE	46.71997816	57.75995964	3.48
ALBANY-CORVALLIS	6.121227395	6.126708194	3.48
MT. HOOD	91.64439832	93.44699635	3.48
OREGON COAST	296.48	296.9797294	3.48
CORVALLIS-NEWPORT	27.86	27.88	3.48
MT. HOOD	100.5205658	101.3907124	3.48
WILLAMINA-SALEM	20.37	20.49	3.48
REDWOOD	31.33	31.8	3.48
MT. HOOD	42.74536128	43.8503373	3.48
DAVIS SLOUGH CONN.	244.48	244.483	3.48
OREGON COAST	56.36	56.43	3.48
WILLAMETTE	2.26	2.648	3.48
CORVALLIS-NEWPORT	45.66	46.49033679	3.48
CORVALLIS-NEWPORT	21.076	21.2	3.48
OREGON COAST	331.8434264	334.2199944	3.48
MCKENZIE	38.22452023	38.8486547	3.48
MT. HOOD	20.101	20.87	3.48
SANTIAM	34.02509109	34.03197274	3.48
OREGON COAST	71.18308424	71.7	3.48
OREGON COAST	281.33	287.68	3.48
WALLOWA LAKE	59.78	63.94002349	3.48
FREMONT	144.4892056	145.0700235	3.48
OREGON COAST	156.2703293	156.62	3.48
WILLAMINA-SALEM	19.34	19.4	3.48
OREGON COAST	90.3623719	91.37	3.48
WILLAMETTE	83.21544852	83.23737203	3.48
OREGON COAST	105.0849858	105.086	3.48
OREGON COAST	35	35.25	3.48
CORVALLIS-NEWPORT	14.89	14.9120816	3.48
OREGON COAST	311.9	314.15	3.48
WALLOWA LAKE	33.56	33.75	3.48
KLAMATH FALLS-LAKEVIEW	41.001	53.36129646	3.48
OREGON COAST	83.92135026	84.01791461	3.48
WILLAMINA-SALEM	16.4	18.38	3.48
OREGON COAST	132.877	133.8203632	3.48
CORVALLIS-NEWPORT	42.38014367	44.57	3.48
MCKENZIE	26.72185917	28.11249623	3.48
KLAMATH FALLS-LAKEVIEW	7.25	19.02	3.48
MT. HOOD	57.8	57.81	3.48

CORVALLIS-NEWPORT	10.462	10.49999954	3.48
WALLOWA LAKE	16.60017389	16.961	3.48
MCKENZIE	53.098	54.97	3.48
WALLOWA LAKE	65.85772589	65.86713581	3.48
OREGON COAST	85.3139148	85.4079875	3.48
WILLAMINA-SALEM	0.526459143	0.54	3.48
WILLAMETTE	86.12	86.313	3.48
CORVALLIS-NEWPORT	37.67019401	38.0946608	3.48
OREGON COAST	351.13	351.15	3.48
MCKENZIE	25.40278407	26.19643245	3.48
KLAMATH FALLS-LAKEVIEW	25.68	26.03	3.48
OREGON COAST	280.99	281.19	3.48
FREMONT	137.7207568	137.723	3.48
OREGON COAST	201.0003169	201.1102537	3.48
MCKENZIE	11.90154632	12.37953644	3.48
OREGON COAST	185.97	186.09	3.48
WILLAMINA-SALEM	1.226575007	1.247860828	3.48
OREGON COAST	46.5	46.89386488	3.48
OREGON COAST	229.0658636	229.2468544	3.48
REDWOOD	25.71980492	25.92989188	3.48
WILLAMETTE	36.10632219	36.17	3.48
MCKENZIE	99.66	106.23	3.48
MCKENZIE-BEND	9.014392877	9.13	3.48
OREGON COAST	25.269	25.43	3.48
FREMONT	142.753	142.84	3.48
OREGON COAST	322.12	326.34	3.48
WALLOWA LAKE	67.5565243	67.797	3.48
SANTIAM	74.9	75.84017719	3.48
FREMONT	138.7019012	138.7126918	3.48
OREGON COAST	149.89	149.92	3.48
MT. HOOD	57.607	57.8	3.48
OREGON COAST	257.84	257.86	3.48
SANTIAM	41.37	41.39	3.48
OREGON COAST	195.8400235	196.6100235	3.48
KLAMATH FALLS-LAKEVIEW	92.61764014	92.71099839	3.48
MT. HOOD	27.64	27.77093585	3.48
WILLAMINA-SALEM	19.32	19.34	3.48
OREGON COAST	105.27	105.421	3.48
OREGON COAST	68.90391391	70.42402012	3.48
REDWOOD	31.32	31.33	3.48
WILLAMETTE	82.77040028	82.89951302	3.48
WILLAMETTE	35.06	35.17619124	3.48
WALLOWA LAKE	66.841	66.97795283	3.48
MCKENZIE	107.432	107.657473	3.48
OREGON COAST	93.87	93.95998637	3.48
WALLOWA LAKE	55.217	55.2700235	3.48
OREGON COAST	194.3000235	195.8400235	3.48
OREGON COAST	156.2499851	156.2703293	3.48
WILLAMINA-SALEM	3.741212787	4.019517478	3.48
OREGON COAST	34.96	35	3.48
OREGON COAST	28.88002353	29.20124549	3.48
WILLAMETTE	83.41	83.414	3.48
WALLOWA LAKE	66.349838	66.45522435	3.48
REDWOOD	8.7	8.74	3.48
MT. HOOD	40.03	40.27	3.48
OREGON COAST	156.62	156.71	3.48
OREGON COAST	27.61	28.06	3.48
OREGON COAST	226.42	226.81	3.48
WILLAMETTE	7.19	7.21	3.48
CORVALLIS-NEWPORT	46.49033679	46.55	3.48
FREMONT	127.8338151	127.871	3.48
MT. HOOD	57.52	57.607	3.48
OREGON COAST	101.3702423	104.92	3.48
WALLOWA LAKE	54.60002352	54.63874261	3.48
MCKENZIE-BEND	7.44	7.835396419	3.48
OREGON COAST	161.7502454	162.03	3.48
OREGON COAST	224.4889924	224.6579948	3.48
OREGON COAST	43.187	43.21668816	3.48
OREGON COAST	87.21759711	87.27235225	3.48
WILLAMETTE	82.97804872	83.00260009	3.48
OREGON COAST	314.15	318.37	3.48
OREGON COAST	56.78	57.171	3.48
MT. HOOD	39.61	39.62	3.48
MCKENZIE	93.39002351	93.66965228	3.48
DAVIS SLOUGH CONN.	244.497	244.5	3.48
WILLAMETTE	34.06263353	34.12002352	3.48
CORVALLIS-NEWPORT	39.49154737	39.52	3.48

OREGON COAST	339.71	341.6499993	3.48
WALLOWA LAKE	67.797	68.10584988	3.48
KLAMATH FALLS-LAKEVIEW	54.74	54.76	3.48
SANTIAM	37.30743449	37.46	3.48
OREGON COAST	49.00002353	49.28	3.48
MT. HOOD	89.9841722	90.37	3.48
WILLAMETTE	13.41392751	31.29393562	3.48
FREMONT	127.9916563	128.1038855	3.48
CORVALLIS-NEWPORT	11.78341154	11.79623571	3.48
OREGON COAST	306.99	307.75	3.48
MCKENZIE	37.48550574	37.70830476	3.48
MT. HOOD	51.8398302	52.51165863	3.48
WALLOWA LAKE	59.68	59.78	3.48
OREGON COAST	259.42	259.44	3.48
FREMONT	131.1033606	131.1330904	3.48
OREGON COAST	334.2199944	334.87	3.48
WILLAMINA-SALEM	16.55	18.38	3.48
OREGON COAST	104.96	105.0849858	3.48
REDWOOD	27.47002348	27.83702357	3.48
WILLAMETTE	57.75995964	58.94	3.48
PENDLETON-JOHN DAY	77.3	89.59604833	3.48
MCKENZIE	106.25	107.34	3.48
MCKENZIE-BEND	4.915428207	4.934	3.48
OREGON COAST	29.69002345	29.84898452	3.48
REDWOOD	34.11	36.08433613	3.48
WILLAMETTE	84.745	84.82187591	3.48
OREGON COAST	307.76	311.9	3.48
WALLOWA LAKE	16.961	19.07	3.48
MT. HOOD	39.54	39.61	3.48
SANTIAM	74.59	74.9	3.48
MCKENZIE	93.21977595	93.39002351	3.48
WILLAMINA-SALEM	15.61	16.12	3.48
OREGON COAST	243.2	244.27	3.48
WILLAMETTE	34.01818067	34.02876086	3.48
CORVALLIS-NEWPORT	30.99	34.32	3.48
OREGON COAST	14.74	14.75	3.48
MCKENZIE	42.89910188	45.12615059	3.48
MT. HOOD	51.14954018	51.8398302	3.48
SANTIAM	71.52	71.69	3.48
OREGON COAST	289.18	289.2800837	3.48
FREMONT	134.1459052	134.1620103	3.48
OREGON COAST	196.6100235	196.9400235	3.48
KLAMATH FALLS-LAKEVIEW	93.91	94.90002349	3.48
OREGON COAST	105.086	105.21	3.48
WILLAMETTE	86.43009154	86.45	3.48
OREGON COAST	301.8700105	306.99	3.48
SANTIAM	39.35	41.37	3.48
OREGON COAST	279.04	280.47	3.48
OREGON COAST	45.37	48.1716941	3.48
FREMONT	133.0366188	133.0484243	3.48
OREGON COAST	155.05	155.5929757	3.48
WILLAMINA-SALEM	0.25	0.300104281	3.48
OREGON COAST	45.501	45.97	3.48
OREGON COAST	86.79806158	86.84057147	3.48
MCKENZIE-BEND	6.528375632	6.552160372	3.48
CORVALLIS-NEWPORT	29.15	29.51	3.48
OREGON COAST	224.8920747	226.42	3.48
OREGON COAST	32.68	32.69	3.48
WILLAMETTE	83.49970559	83.6079524	3.48
OREGON COAST	34.69	34.88	3.48
CORVALLIS-NEWPORT	14.96734531	15.053	3.48
OREGON COAST	326.34	326.39	3.48
MCKENZIE	107.6756166	107.6879682	3.48
OREGON COAST	85.84343508	85.89395416	3.48
ALBANY-CORVALLIS	6.42	8.414	3.48
OREGON COAST	259.44	260.13	3.48
OREGON COAST	343.1198719	343.3602113	3.48
OREGON COAST	149.4600235	149.89	3.48
WALLOWA LAKE	42.09	46.14776342	3.48
SANTIAM	38.14127362	38.20483218	3.48
OREGON COAST	90.043	90.07280275	3.48
OREGON COAST	288.11	289.13	3.48
FREMONT	139.6984388	139.7989638	3.48
OREGON COAST	186.09	186.88	3.48
WILLAMINA-SALEM	0.229126853	0.25	3.48
OREGON COAST	209.5	209.58	3.48
OREGON COAST	49.57	49.69335926	3.48

REDWOOD	31.8	32.52	3.48
WILLAMETTE	82.69901752	82.77040028	3.48
WALLOWA LAKE	67.28759487	67.332	3.48
MCKENZIE	93.87257318	97.18525824	3.48
OREGON COAST	57.568	59.181	3.48
REDWOOD	7.1	7.67	3.48
MT. HOOD	91.48035488	91.48120138	3.48
OREGON COAST	24.92	24.93	3.48
MT. HOOD	85.02	85.09	3.48
CORVALLIS-NEWPORT	44.57	44.68	3.48
FREMONT	128.2533185	128.3102187	3.48
CORVALLIS-NEWPORT	15.62917845	15.69	3.48
MCKENZIE	33.049	34.26670607	3.48
OREGON COAST	83.80091228	83.87117074	3.48
PENDLETON-JOHN DAY	16.5311079	23.64	3.48
OREGON COAST	158.9347178	158.97	3.48
OREGON COAST	25.16	25.269	3.48
MT. HOOD	94.64053385	94.963551	3.48
WILLAMETTE	11.66706056	12.27899232	3.48
CORVALLIS-NEWPORT	3.070640868	3.073	3.48
CORVALLIS-NEWPORT	9.099448019	9.112033576	3.48
OREGON COAST	326.55	327.46	3.48
KLAMATH FALLS-LAKEVIEW	54.76	60.67	3.48
SANTIAM	33.05237468	33.10730985	3.48
OREGON COAST	85.90781405	85.91754624	3.48
OREGON COAST	126.451	126.4900235	3.48
CORVALLIS-NEWPORT	46.55	49.646	3.48
MT. HOOD	54.23	56.11	3.48
SANTIAM	34.15449235	34.34602905	3.48
OREGON COAST	280.47	280.61	3.48
MCKENZIE-BEND	9.15	9.725703984	3.48
OREGON COAST	211.1100235	211.4498684	3.48
OREGON COAST	163.3200235	163.3723392	3.48
KLAMATH FALLS-LAKEVIEW	89.64020696	89.80993536	3.48
WILLAMINA-SALEM	15.85	16.114	3.48
OREGON COAST	192.61	194.3000235	3.48
OREGON COAST	41.56	41.58	3.48
OREGON COAST	89.16	89.1779268	3.48
WILLAMETTE	82.92472197	82.93937493	3.48
MCKENZIE	107.692	107.91	3.48
MT. HOOD	40.01	40.03	3.48
MT. HOOD	91.2934328	91.333	3.48
WALLOWA LAKE	66.09882594	66.114	3.48
OREGON COAST	162.03	162.07	3.48
OREGON COAST	28.11	28.374	3.48
OREGON COAST	229.7900235	230.6599687	3.48
WILLAMETTE	34.12002352	34.17179711	3.48
CORVALLIS-NEWPORT	29.51	30.3	3.48
CORVALLIS-NEWPORT	10.652	10.95804086	3.48
OREGON COAST	326.39	326.43	3.48
MT. HOOD	44.34904071	44.36	3.48
OREGON COAST	84.10394058	84.74790746	3.48
OREGON COAST	289.2800837	289.9300007	3.48
OREGON COAST	134.3213501	136.098	3.48
FREMONT	140.73	140.7400235	3.48
OREGON COAST	155.0473273	155.05	3.48
WILLAMINA-SALEM	1.344271334	1.664	3.48
OREGON COAST	104.92	104.96	3.48
WALLOWA LAKE	63.94002349	64.2156514	3.48
MCKENZIE-BEND	4.989045072	4.999033073	3.48
REDWOOD	8.74	8.79	3.48
SUNSET	57.1616948	57.38	3.48
JOHN DAY-BURNS	10.3	15.52	3.48
KLAMATH FALLS-MALIN	8.096848433	8.202988221	3.48
SHERMAN	14.27	15.0919345	3.48
JOHN DAY-BURNS	0.586940626	0.71	3.48
SUNSET	0.11	0.215	3.48
UMPQUA	34.57974979	34.78686584	3.48
WARM SPRINGS	57.75	61.16543269	3.48
COOS BAY-ROSEBURG	7.68	7.7	3.48
JOHN DAY-BURNS	2.529728687	2.551	3.48
SUNSET	45.03	45.30244461	3.48
FLORENCE-EUGENE	42.52	42.72	3.48
FLORENCE-EUGENE	34.09	34.26	3.48
COOS BAY-ROSEBURG	19.67	19.77	3.48
SALMON RIVER	27.13666392	27.14	3.48
COOS BAY-ROSEBURG	39.02	39.04	3.48

SUNSET	53.53	54.54928297	3.48
SUNSET	17.92166216	21.782	3.48
WARM SPRINGS	114.73	114.8432658	3.48
COOS BAY-ROSEBURG	12.73	12.76	3.48
UMPQUA	9.01	9.26	3.48
OCHOCO	13.65015287	14.68023947	3.48
SHERMAN	8.812	9.01	3.48
COOS BAY-ROSEBURG	22.018	22.03	3.48
SUNSET	56.91292684	56.93	3.48
SUNSET	3.287898413	3.39	3.48
UMPQUA	31.5199001	32.06044518	3.48
COOS BAY-ROSEBURG	12.76	12.80002349	3.48
SUNSET	50.95104354	52.0850176	3.48
JOHN DAY-BURNS	3.51535533	3.541579371	3.48
SUNSET	21.86	27.7603048	3.48
SALMON RIVER	17.92	20.93342428	3.48
OCHOCO	69.68	72.52	3.48
COOS BAY-ROSEBURG	22.58587977	22.68369	3.48
SUNSET	13.99997569	17.4176341	3.48
FLORENCE-EUGENE	51.18611242	51.8547381	3.48
COOS BAY-ROSEBURG	8.95	9.61	3.48
SUNSET	56.98	57.1616948	3.48
JOHN DAY-BURNS	3.327583823	3.505021877	3.48
SUNSET	3.932322841	4.181189299	3.48
SALMON RIVER	0.25	1.00210833	3.48
SUNSET	49.39	49.443	3.48
SUNSET	48.82	48.83636881	3.48
WARM SPRINGS	71.21	71.29	3.48
COOS BAY-ROSEBURG	14.6270629	14.65	3.48
JOHN DAY-BURNS	29.68	35.39	3.48
UMPQUA	10.71	11.28	3.48
SHERMAN	3.00E-02	9.03E-02	3.48
FLORENCE-EUGENE	1.165	1.27	3.48
KLAMATH FALLS-MALIN	14.48999965	14.49199566	3.48
UMPQUA	36.87332626	37.11990942	3.48
COOS BAY-ROSEBURG	23.495	23.58	3.48
SUNSET	55.33805646	55.38	3.48
OCHOCO	22.75	22.76	3.48
COOS BAY-ROSEBURG	6.72	6.76	3.48
SALMON RIVER	23.06	23.87755192	3.48
FLORENCE-EUGENE	30.97	34.09	3.48
SALMON RIVER	-0.22	-0.189948435	3.48
UMPQUA	1.618	9.01	3.48
LAKEVIEW-BURNS	5.36	34.96	3.48
OCHOCO	3.01	4.551	3.48
SHERMAN	4.59	7.5	3.48
JOHN DAY-BURNS	1.13	1.18	3.48
UMPQUA	19.18	19.78	3.48
COOS BAY-ROSEBURG	37.63997228	38.07962689	3.48
SUNSET	56.93	56.93393125	3.48
SHERMAN	13.58039964	13.74994928	3.48
UMPQUA	45.55965575	49.794	3.48
WARM SPRINGS	71.13	71.27	3.48
SUNSET	7.139380839	7.203420913	3.48
UMPQUA	57.027	57.05977816	3.48
COOS BAY-ROSEBURG	8.94	8.95	3.48
SUNSET	49.31	49.39	3.48
SHERMAN	18.70034493	18.74	3.48
JOHN DAY-BURNS	36.78	36.79	3.48
SALMON RIVER	17.75006396	17.77	3.48
SHERMAN	-0.43	-0.141	3.48
JOHN DAY-BURNS	1.18	1.198515691	3.48
SUNSET	1.78963606	2.153	3.48
UMPQUA	19.79	31.5199001	3.48
SUNSET	48.10710334	48.12366701	3.48
SALMON RIVER	31.72185019	32.32	3.48
KLAMATH FALLS-MALIN	11.33509796	11.59711445	3.48
SUNSET	9.850225251	9.924858213	3.48
UMPQUA	45.20025165	45.55965575	3.48
WARM SPRINGS	71.13	71.21	3.48
FLORENCE-EUGENE	35.92015905	36.02023816	3.48
COOS BAY-ROSEBURG	16.15807496	16.22519735	3.48
KLAMATH FALLS-MALIN	12.34161395	12.36	3.48
COOS BAY-ROSEBURG	17.00739595	19.67	3.48
COOS BAY-ROSEBURG	21.70224609	21.81125328	3.48
SHERMAN	-9.00E-02	3.00E-02	3.48
SUNSET	10.09195779	10.12684262	3.48

COOS BAY-ROSEBURG	3.85	6.72	3.48
SUNSET	48.0374078	48.09455229	3.48
SHERMAN	18.91002348	19.98189112	3.48
COOS BAY-ROSEBURG	14.15945279	14.38618861	3.48
SALMON RIVER	0.22	0.25	3.48
LAKEVIEW-BURNS	48.43	81.23	3.48
SHERMAN	9.03E-02	4.46	3.48
FLORENCE-EUGENE	30.95	30.97	3.48
JOHN DAY-BURNS	5.193116987	10.21	3.48
COOS BAY-ROSEBURG	7.30E-02	0.68	3.48
COOS BAY-ROSEBURG	23.58	23.72	3.48
SUNSET	1.14E-13	9.40E-02	3.48
NEHALEM HWY. CONN. NO. 2	49.1	49.116	3.48
UMPQUA	53.20046355	56.17	3.48
SHERMAN	13.74994928	14.27	3.48
COOS BAY-ROSEBURG	40.53	44.96590765	3.48
SUNSET	0.5	0.716233502	3.48
WARM SPRINGS	64.47	64.49	3.48
POWERS HWY CONN.	23.86	23.87	3.48
SUNSET	53.51	53.62	3.48
SUNSET	47.59806958	47.92284802	3.48
SALMON RIVER	4.70E-02	0.22	3.48
COOS BAY-ROSEBURG	54.12	54.9	3.48
COOS BAY-ROSEBURG	22.2752351	22.28149724	3.48
JOHN DAY-BURNS	1.364150823	1.4	3.48
COOS BAY-ROSEBURG	9.61	9.63	3.48
SUNSET	9.695645229	9.850225251	3.48
JOHN DAY-BURNS	1.73	1.733662006	3.48
SUNSET	2.287995809	2.338090385	3.48
COOS BAY-ROSEBURG	12.80002349	13.22980188	3.48
ROGUE VALLEY	0.16271473	0.162714751	3.48
SUNSET	56.91649133	56.98	3.48
SALMON RIVER	34.97983598	36.93	3.48
COOS BAY-ROSEBURG	14.66	15.19107757	3.48
MT. HOOD HWY CONN.	58.04956926	58.06	3.48
OCHOCO	4.551	5.540227422	3.48
SHERMAN	56.02002353	56.53	3.48
OCHOCO	88.68	98.36	3.48
LAKEVIEW-BURNS	89.98	90.02	3.48
COOS BAY-ROSEBURG	54.94	55.52733665	3.48
SUNSET	28.65	29.41	3.48
SUNSET	50.73	50.75	3.48
SALMON RIVER	27.17	27.277	3.48
FLORENCE-EUGENE	13.32999999	13.99303042	3.48
COOS BAY-ROSEBURG	67.60598213	67.61382652	3.48
COOS BAY-ROSEBURG	1.14E-13	7.30E-02	3.48
OCHOCO	5.540227422	7.606015421	3.48
SHERMAN	-0.141	-0.129	3.48
JOHN DAY-BURNS	1.408199044	1.57637735	3.48
SUNSET	6.666	7.014975871	3.48
UMPQUA	9.26	10.71	3.48
SHERMAN	68.54	68.66	3.48
COOS BAY-ROSEBURG	69.51	71.34889897	3.48
JOHN DAY-BURNS	0.846985061	1.010691735	3.48
SUNSET	7.628387125	7.749338313	3.48
UMPQUA	11.28	14.93	3.48
COOS BAY-ROSEBURG	22.32384156	22.34906409	3.48
SUNSET	29.41	33.528	3.48
SUNSET	55.197	55.43	3.48
LAKEVIEW-BURNS	81.39	89.87	3.48
FLORENCE-EUGENE	34.26	34.57	3.48
COOS BAY-ROSEBURG	69.449	69.45196702	3.48
UMPQUA	19.12	19.18	3.48
COOS BAY-ROSEBURG	23.58	23.58697131	3.48
JOHN DAY-BURNS	1.8552955	1.861	3.48
SUNSET	7.835472007	7.967330163	3.48
SUNSET	37.65	37.7	3.48
FLORENCE-EUGENE	52.35455493	52.69	3.48
UMPQUA	34.31983571	34.57974979	3.48
WARM SPRINGS	64.49	71.13	3.48
COOS BAY-ROSEBURG	7.30E-02	7.50E-02	3.48
SALMON RIVER	23.04	23.06	3.48
JOHN DAY-BURNS	4.658	4.685529428	3.48
SHERMAN	26.97095352	27.39971903	3.48
KLAMATH FALLS-MALIN	2.28	3.797489013	3.48
UMPQUA	52.43	53.20046355	3.48
SHERMAN	9.05	9.140300266	3.48

COOS BAY-ROSEBURG	23.443	23.495	3.48
SUNSET	0.124473723	0.229890736	3.48
SUNSET	4.540325714	4.641337379	3.48
WARM SPRINGS	71.27	71.41	3.48
COOS BAY-ROSEBURG	2.97	3.85	3.48
SUNSET	53.341	53.51	3.48
JOHN DAY-BURNS	2.551	2.60095908	3.48
SUNSET	33.528	34.446	3.48
FLORENCE-EUGENE	34.95	34.96	3.48
SALMON RIVER	21.41714146	22.32300575	3.48
KLAMATH FALLS-MALIN	6.132177101	6.202751287	3.48
SHERMAN	48.80671196	56.02002353	3.48
UMPQUA	51.2000235	52.43	3.48
WARM SPRINGS	57.45	57.54	3.48
SHERMAN	8.61	8.812	3.48
OCHOCO	73.52	88.6	3.48
FLORENCE-EUGENE	28.02	30.95	3.48
COOS BAY-ROSEBURG	67.65774596	67.70482482	3.48
SALMON RIVER	-0.337	-0.11	3.48
COOS BAY-ROSEBURG	23.58	23.58697131	3.48
JOHN DAY-BURNS	0.42	0.502617836	3.48
SUNSET	0.215	0.394876368	3.48
COOS BAY-ROSEBURG	13.89318028	13.96588716	3.48
ROGUE VALLEY	0.162714701	0.16271473	3.48
SUNSET	45.79900163	47.559	3.48
COOS BAY-ROSEBURG	15.19107757	15.41194157	3.48
SALMON RIVER	-4.10E-02	4.58E-02	3.48
OCHOCO	2.355	3	3.48
COOS BAY-ROSEBURG	67.78390853	67.92514682	3.48
SUNSET	8.037838809	8.23748702	3.48
WARM SPRINGS	57.534	57.54	3.48
COOS BAY-ROSEBURG	9.92989966	10.00756322	3.48
SUNSET	54.98954612	55.02585722	3.48
OCHOCO	3	3.01	3.48
COOS BAY-ROSEBURG	22.83686576	23.05236093	3.48
SUNSET	53.48482717	53.53	3.48
OCHOCO	22.76	26.84	3.48
SUNSET	2.579353116	3.107	3.48
UMPQUA	38.14	43.71	3.48
FLORENCE-EUGENE	41.89992342	42.51	3.48
SUNSET	49.07723621	49.1832386	3.48
SUNSET	45.01	45.03	3.48
JOHN DAY-BURNS	15.52	15.54	3.48
UMPQUA	56.87	57.13	3.48
SHERMAN	56.71002351	68.54	3.48
JOHN DAY-BURNS	0.28	0.42	3.48
SUNSET	0.762299963	1.773191718	3.48
UMPQUA	32.06044518	34.31983571	3.48
WARM SPRINGS	61.94	64.47	3.48
COOS BAY-ROSEBURG	12.68523098	12.73	3.48
SUNSET	56.93	56.95261028	3.48
SUNSET	52.555	52.77876426	3.48
OCHOCO	67.1230071	69.68	3.48
FLORENCE-EUGENE	9.08	13.32999999	3.48
UMPQUA	37.11990942	37.55021925	3.48
MT. HOOD HWY CONN.	58.04956926	58.06	3.48
COOS BAY-ROSEBURG	7.30E-02	7.50E-02	3.48
KLAMATH FALLS-MALIN	12.87474212	13.00002351	3.48
SALMON RIVER	16.56	17.75006396	3.48
COOS BAY-ROSEBURG	22.357	22.37807176	3.48
SUNSET	3.39	3.42	3.48
UMPQUA	56.27	56.87	3.48
COOS BAY-ROSEBURG	0.68	2.27	3.48
SUNSET	55.43	55.85572303	3.48
JOHN DAY-BURNS	21.21	24.35832772	3.48
UMPQUA	57.23014046	57.33	3.48
SALMON RIVER	1.508602435	5.001169447	3.48
LAKEVIEW-BURNS	0.185199723	5.27	3.48
SHERMAN	28.36	28.38072939	3.48
JOHN DAY-BURNS	36.79	67.54	3.48
UMPQUA	19.78	19.79	3.48
COOS BAY-ROSEBURG	54.07557815	54.12	3.48
COOS BAY-ROSEBURG	23.72	37.63997228	3.48
SUNSET	10.16579655	13.99997569	3.48
WARM SPRINGS	57.554	57.75	3.48
FLORENCE-EUGENE	34.96	35.92015905	3.48
COOS BAY-ROSEBURG	7.350003388	7.68	3.48

SUNSET	55.01	55.197	3.48
SHERMAN	7.5	8.55	3.48
JOHN DAY-BURNS	1.26	1.34944417	3.48
SUNSET	7.249688192	7.552961014	3.48
UMPQUA	57.019	57.027	3.48
SUNSET	49.443	50.73	3.48
SALMON RIVER	27.14	27.163	3.48
SUNSET	27.7603048	28.65	3.48
FLORENCE-EUGENE	15.34161099	26.53	3.48
SALMON RIVER	27.03797459	27.14	3.48
LAKEVIEW-BURNS	48.42	48.43	3.48
SHERMAN	8.55	8.61	3.48
COOS BAY-ROSEBURG	19.77	19.99002354	3.48
WARM SPRINGS	103.3409541	104.4190602	3.48
JOHN DAY-BURNS	1.018607038	1.13	3.48
COOS BAY-ROSEBURG	13.23543455	13.58406015	3.48
SUNSET	57.38	57.49002349	3.48
SUNSET	48.17032037	48.82	3.48
FLORENCE-EUGENE	1.27	9.08	3.48
JOHN DAY-BURNS	15.54	21.15	3.48
SALMON RIVER	22.82050698	23.04	3.48
COOS BAY-ROSEBURG	54.9	54.94	3.48
COOS BAY-ROSEBURG	68.07446645	69.34783577	3.48
SUNSET	4.187614156	4.19	3.48
SHERMAN	18.74	18.91002348	3.48
WARM SPRINGS	71.29	71.45877687	3.48
COOS BAY-ROSEBURG	14.39387248	14.61829506	3.48
JOHN DAY-BURNS	35.42	36.78	3.48
SUNSET	55.83230589	56.23002354	3.48
OCHOCO	14.68023947	14.7	3.48
SHERMAN	56.53	56.71002351	3.48
LAKEVIEW-BURNS	89.87	89.98	3.48
COOS BAY-ROSEBURG	7.30E-02	7.50E-02	3.48
COOS BAY-ROSEBURG	19.99002354	20.0902515	3.48
OCHOCO	26.84	26.86	3.48
SUNSET	4.765559699	4.937595501	3.48
UMPQUA	56.87	57.019	3.48
COOS BAY-ROSEBURG	9.63	9.92989966	3.48
SUNSET	50.75	50.87819289	3.48
KLAMATH FALLS-MALIN	10.18874605	10.27998543	3.48
JOHN DAY-BURNS	67.54	67.59097081	3.48
SALMON RIVER	5.549683518	16.56	3.48
UMPQUA	0.680205904	1.618	3.48
SHERMAN	-0.129	-9.00E-02	3.48
SUNSET	0.44	0.5	3.48
UMPQUA	15	19.12	3.48
WARM SPRINGS	61.73029028	61.85	3.48
POWERS HWY CONN.	23.86	23.87	3.48
SUNSET	53.01	53.05166044	3.48
JOHN DAY-BURNS	3.842791594	3.877427502	3.48
SUNSET	37.7	39.02014262	3.48
JOHN DAY-BURNS	1.74670262	1.766452786	3.48
SUNSET	0.433070139	0.44	3.48
NEHALEM HWY. CONN. NO. 2	49.1	49.116	3.48
UMPQUA	43.73	45.20025165	3.48
WARM SPRINGS	57.54	57.554	3.48
COOS BAY-ROSEBURG	22.3940459	22.57988843	3.48
SUNSET	21.782	21.86	3.48
UMPQUA	43.71	43.73	3.48
COOS BAY-ROSEBURG	21.60013374	21.68608424	3.48
COOS BAY-ROSEBURG	38.07962689	39.02	3.48
SUNSET	53.01	53.32723261	3.48
JOHN DAY-BURNS	0.755563698	0.827453891	3.48
SUNSET	7.818034605	7.822395934	3.48
COOS BAY-ROSEBURG	2.27	2.97	3.48
SUNSET	53.62	55.01	3.48
SUNSET	35.27248618	37.58010205	3.48
ROGUE VALLEY	13.60002347	13.60069808	3.48
SUNSET	56.23002354	56.91292202	3.48
SHERMAN	13.27	13.58039964	3.48
FLORENCE-EUGENE	42.51	42.52	3.48
FLORENCE-EUGENE	50.01155107	50.68424766	3.48
LAKEVIEW-BURNS	35.06	48.42	3.48
UMPQUA	51.13095662	51.2000235	3.48
SUNSET	55.38	55.39001893	3.48
SUNSET	3.482564758	3.821667203	3.48
SUNSET	52.79403392	53.01	3.48

SALMON RIVER	27.163	27.17	3.48
SUNSET	10.04727747	10.05601681	3.48
SHERMAN	28.009	28.36	3.48
FLORENCE-EUGENE	34.57	34.9	3.48
SALMON RIVER	4.58E-02	4.70E-02	3.48
SHERMAN	9.01	9.05	3.48
COOS BAY-ROSEBURG	67.94773617	68.05011248	3.48
COOS BAY-ROSEBURG	21.88022284	21.98180936	3.48
JOHN DAY-BURNS	0.71	0.713395581	3.48
OCHOCO	26.86	65.54166741	3.48
SUNSET	-0.1	0.11	3.48
COOS BAY-ROSEBURG	23.58	23.58697131	3.48
SUNSET	53.52130886	53.53	3.48
SUNSET	3.42	3.44845407	3.48
FLORENCE-EUGENE	41.44	41.89992342	3.48
COOS BAY-ROSEBURG	6.76	7.350003388	3.48
SUNSET	57.49002349	57.83440126	3.48
SALMON RIVER	34.31	34.48167381	3.48
SUNSET	39.02014262	45.01	3.48
COOS BAY-ROSEBURG	14.65	14.66	3.48
OCHOCO	9.029123962	13.65015287	3.48
SHERMAN	9.140300266	13.01	3.48
SUNSET	5.005821869	6.666	3.48
UMPQUA	37.55021925	38.07	3.48
COOS BAY-ROSEBURG	7.7	8.94	3.48
JOHN DAY-BURNS	25.7883433	29.58	3.48
SUNSET	37.58010205	37.65	3.48
FLORENCE-EUGENE	36.02023816	41.44	3.48
COOS BAY-ROSEBURG	15.83386309	15.90983149	3.48
COOS BAY-ROSEBURG	1.14E-13	2.47	3.48
KLAMATH FALLS-MALIN	6.284240889	6.403705542	3.48
FLORENCE-EUGENE	26.53	28.02	3.48
KLAMATH FALLS-MALIN	13.00002351	13.59	3.48
PACIFIC HIGHWAY WEST	26.87	27.09	3.48
CASCADE HWY NORTH	9.958457353	9.958457361	3.48
PACIFIC HIGHWAY WEST	28.05	28.09	3.48
PACIFIC HIGHWAY WEST	29.95657044	30.75161577	3.48
LA GRANDE-BAKER	7.00E-02	0.175	3.48
PACIFIC HIGHWAY WEST	27.09	28.05	3.48
PACIFIC HIGHWAY WEST	19.86	19.88002353	3.48
LA GRANDE-BAKER	0.183	0.259	3.48
PACIFIC HIGHWAY WEST	27.09	28.05	3.48
LA GRANDE-BAKER	5.32	5.385	3.48
PACIFIC HIGHWAY WEST	20.02	21.029	3.48
LA GRANDE-BAKER	5.385	5.434	3.48
	3.96E-02	3.96E-02	3.48
LA GRANDE-BAKER	1.20E-02	3.90E-02	3.48
BELTLINE	1.14E-13	0.52	3.48
PACIFIC HIGHWAY WEST	19.88002353	20.02	3.48
LA GRANDE-BAKER	-8.00E-02	1.20E-02	3.48
PACIFIC HIGHWAY WEST	28.09	29.56512703	3.48
LA GRANDE-BAKER	1.14E-13	0.183	3.48
PACIFIC HIGHWAY WEST	26.49504663	26.49504664	3.48
LA GRANDE-BAKER	5.434	5.62	3.48
	3.96E-02	3.96E-02	3.48
NORTH SANTIAM	7.834	8.296589855	3.48
LOWER COLUMBIA RIVER	60.94	60.94783038	3.48
NORTH SANTIAM	81.80587436	81.81	3.48
NEHALEM	88.045	88.05	3.48
NORTH SANTIAM	23.23	25.73983487	3.48
HILLSBORO-SILVERTON	23.54743006	23.82676101	3.48
LOWER COLUMBIA RIVER	76.906	77.05958913	3.48
NORTH SANTIAM	23.21	23.23	3.48
NEHALEM	83.84	83.85	3.48
NEHALEM	84.25134707	84.31388972	3.48
NORTH SANTIAM	33.61002351	49.73002347	3.48
HILLSBORO-SILVERTON	23.97669999	24.04614154	3.48
NORTH SANTIAM	8.92286941	8.922925384	3.48
LOWER COLUMBIA RIVER	36.25	36.72	3.48
NORTH SANTIAM	14.4	15.6	3.48
LOWER COLUMBIA RIVER	62.23002351	63.69	3.48
NORTH SANTIAM	7.844	8.337027139	3.48
NORTH SANTIAM	32.23	32.36183747	3.48
NEHALEM	88.05	88.063	3.48
NEHALEM	83.79023221	83.84	3.48
HILLSBORO-SILVERTON	23.86952234	23.96520744	3.48
NORTH SANTIAM	33.47693749	33.61002351	3.48

LOWER COLUMBIA RIVER	50.15809472	50.16	3.48
HISTORIC COLUMBIA RIVER	29.71	30.123	3.48
LOWER COLUMBIA RIVER	75.01019982	76.35872678	3.48
NEHALEM	86.13314786	86.14	3.48
NEHALEM	82.59003782	82.7499904	3.48
HILLSBORO-SILVERTON	24.4327315	24.56681155	3.48
NORTH SANTIAM	32.22	32.23	3.48
LOWER COLUMBIA RIVER	74.92032216	75.01019982	3.48
LOWER COLUMBIA RIVER	50.25	50.26	3.48
NEHALEM	85.89104569	86.07425138	3.48
LOWER COLUMBIA RIVER	86.64	87.16	3.48
LOWER COLUMBIA RIVER	83.45	84.80271028	3.48
NEHALEM	83.62239691	83.719	3.48
LOWER COLUMBIA RIVER	72.86	74.92032216	3.48
NORTH SANTIAM	33.34875391	33.47693749	3.48
NEHALEM	86.73024305	86.78339957	3.48
LOWER COLUMBIA RIVER	86.61	86.64	3.48
NORTH SANTIAM	32.09002352	32.22	3.48
LOWER COLUMBIA RIVER	63.69	63.71	3.48
HILLSBORO-SILVERTON	24.99507531	25.01	3.48
LOWER COLUMBIA RIVER	36.72	40.07816806	3.48
NEHALEM	83.97251842	84.05672219	3.48
LOWER COLUMBIA RIVER	78.29829644	78.81500348	3.48
LOWER COLUMBIA RIVER	59.52568678	59.54592957	3.48
NORTH SANTIAM	49.73002347	49.81703024	3.48
NORTH SANTIAM	25.97026253	29.34922254	3.48
LOWER COLUMBIA RIVER	78.83906423	78.91226238	3.48
NEHALEM	87.967	88.05	3.48
HILLSBORO-SILVERTON	23.46835795	23.52966515	3.48
LOWER COLUMBIA RIVER	92.87	93.53362743	3.48
LOWER COLUMBIA RIVER	83.31789926	83.45	3.48
NEHALEM	86.50812276	86.51310167	3.48
NORTH SANTIAM	22.64553442	23.21	3.48
HILLSBORO-SILVERTON	23.095	23.46435889	3.48
LOWER COLUMBIA RIVER	86.04460596	86.52	3.48
LOWER COLUMBIA RIVER	59.66687023	60.63002353	3.48
LOWER COLUMBIA RIVER	76.371	76.906	3.48
LOWER COLUMBIA RIVER	54.97	58.58492235	3.48
NORTH SANTIAM	8.88742461	8.92286941	3.48
HILLSBORO-SILVERTON	24.939	24.98110646	3.48
NEHALEM	86.78339957	86.80233802	3.48
NORTH SANTIAM	20.88815245	22.13574429	3.48
LOWER COLUMBIA RIVER	63.71	70.19898497	3.48
LOWER COLUMBIA RIVER	50.15805165	50.16	3.48
NORTH SANTIAM	14.39756898	14.4	3.48
NORTH SANTIAM	32.80952371	32.85355873	3.48
NEHALEM	86.80233802	86.80950761	3.48
NORTH SANTIAM	25.73983487	25.97026253	3.48
LOWER COLUMBIA RIVER	60.79333627	60.82689976	3.48
LOWER COLUMBIA RIVER	88.46	89.13	3.48
HISTORIC COLUMBIA RIVER	30	30.15177292	3.48
NORTH SANTIAM	8.9	8.933	3.48
LOWER COLUMBIA RIVER	78.96172253	79.058	3.48
NEHALEM	86.59521947	86.60195037	3.48
LOWER COLUMBIA RIVER	70.70510733	70.75002351	3.48
LOWER COLUMBIA RIVER	59.61601323	59.63655415	3.48
NORTH SANTIAM	8.868626138	8.9	3.48
HILLSBORO-SILVERTON	24.85570589	24.9296529	3.48
NEHALEM	86.08335622	86.12860533	3.48
NEHALEM	80.18	80.802	3.48
LOWER COLUMBIA RIVER	13.27	16.44	3.48
LOWER COLUMBIA RIVER	72.688	72.86	3.48
LOWER COLUMBIA RIVER	72.51	72.58	3.48
LOWER COLUMBIA RIVER	50.26	52.03256971	3.48
NORTH SANTIAM	32.36183747	32.68565714	3.48
LOWER COLUMBIA RIVER	62.18362488	62.23002351	3.48
NORTH SANTIAM	32.68565714	32.80952371	3.48
LOWER COLUMBIA RIVER	59.64	59.65463639	3.48
NEHALEM	87.83810492	87.87098587	3.48
NEHALEM	83.719	83.77923471	3.48
LOWER COLUMBIA RIVER	72.58	72.688	3.48
NORTH SANTIAM	9.910264303	10.205	3.48
LOWER COLUMBIA RIVER	86.52	86.61	3.48
NORTH SANTIAM	30.6739859	32.09002352	3.48
LOWER COLUMBIA RIVER	88.18	88.46	3.48
LOWER COLUMBIA RIVER	60.63002353	60.71159394	3.48
NORTH SANTIAM	81.53	81.81	3.48

LOWER COLUMBIA RIVER	79.12263745	79.34731817	3.48
NEHALEM	88.05	88.052	3.48
NORTH SANTIAM	15.6	15.99487672	3.48
LOWER COLUMBIA RIVER	87.16	88.18	3.48
LOWER COLUMBIA RIVER	61.89028039	62.02300132	3.48
LOWER COLUMBIA RIVER	50.16	50.25	3.48
LOWER COLUMBIA RIVER	40.73994462	40.74587257	3.48
LOWER COLUMBIA RIVER	35.33	36.25	3.48
LOWER COLUMBIA RIVER	77.07807218	78.28049271	3.48
LOWER COLUMBIA RIVER	91.01	92.84	3.48
LOWER COLUMBIA RIVER	60.90002346	60.94	3.48
NORTH SANTIAM	60.79	81.53	3.48
NEHALEM	86.471	86.47766133	3.48
LOWER COLUMBIA RIVER	60.86741321	60.90002346	3.48
NEHALEM	83.85	83.86053243	3.48
LOWER COLUMBIA RIVER	70.75002351	72.51	3.48
NORTH SANTIAM	9.902	10.207	3.48
HILLSBORO-SILVERTON	24.57760816	24.85570589	3.48
LAKE OF THE WOODS	53.65975201	53.929	3.48
JOSEPH-WALLOWA LAKE	1.039226834	5.780234062	3.48
CORVALLIS-LEBANON	1.443	2.610559138	3.48
I.O.N.	32.32	65.82	3.48
LAKE OF THE WOODS	7.41	7.42	3.48
CLEAR LAKE-BELKNAP SPRINGS	5.00E-02	18.81	3.48
OLDS FERRY-ONTARIO	30.53	31.23236187	3.48
LAKE OF THE WOODS	7.888213607	7.98	3.48
CLEAR LAKE-BELKNAP SPRINGS	18.83	19.81	3.48
CORVALLIS-LEBANON	5.36	5.470213356	3.48
JACKSONVILLE	35.12798961	35.12853157	3.48
I.O.N.	21.6600235	32.31	3.48
LAKE OF THE WOODS	7.42	7.707068371	3.48
CORVALLIS-LEBANON	10.1289315	10.33063777	3.48
DALLAS-RICKREALL	3.841	4.259	3.48
I.O.N.	66.2	106.33	3.48
CLEAR LAKE-BELKNAP SPRINGS	1.14E-13	5.00E-02	3.48
LAKE OF THE WOODS	37.72	53.65975201	3.48
LAKE OF THE WOODS	11.62	13.1430756	3.48
I.O.N.	106.33	106.34	3.48
CORVALLIS-LEBANON	9.86	9.895704099	3.48
LAKE OF THE WOODS	37.7	37.72	3.48
I.O.N.	65.82	66.2	3.48
KINGS VALLEY	1.14E-13	1.778	3.48
LAKE OF THE WOODS	53.929	62.66	3.48
CORVALLIS-LEBANON	9.081	9.85	3.48
I.O.N.	9	19.40030276	3.48
DALLAS-RICKREALL	4.259	4.32	3.48
CLEAR LAKE-BELKNAP SPRINGS	1.14E-13	0.19	3.48
CORVALLIS-LEBANON	6.082773553	6.095432043	3.48
CORVALLIS-LEBANON	14.4601865	16.114	3.48
LAKE OF THE WOODS	14.38623511	30.41	3.48
CORVALLIS-LEBANON	3.10219615	4.967971388	3.48
I.O.N.	1.14E-13	8.98	3.48
LAKE OF THE WOODS	30.41	30.43	3.48
I.O.N.	19.40030276	19.42506404	3.48
CORVALLIS-LEBANON	5.815151048	6.012400739	3.48
CORVALLIS-LEBANON	9.85	9.86	3.48
CORVALLIS-LEBANON	0.47	0.951950047	3.48
LAKE OF THE WOODS	62.88	64.644	3.48
LAKE OF THE WOODS	7.98	11.62	3.48
DALLAS-RICKREALL	2.584508462	3.25	3.48
I.O.N.	106.34	117.55	3.48
LAKE OF THE WOODS	62.66	62.88	3.48
LAKE OF THE WOODS	6.103302639	6.306589221	3.48
CORVALLIS-LEBANON	5.040559582	5.1	3.48
CLEAR LAKE-BELKNAP SPRINGS	18.81	18.83	3.48
I.O.N.	32.31	32.32	3.48
LAKE OF THE WOODS	6.680432668	6.737	3.48
I.O.N.	117.61	120.6678905	3.48
I.O.N.	21.26693491	21.6600235	3.48
CORVALLIS-LEBANON	6.166855645	6.169654783	3.48
CORVALLIS-LEBANON	12.77	14.4601865	3.48
LAKE OF THE WOODS	30.43	37.7	3.48
I.O.N.	8.98	9	3.48
LAKE OF THE WOODS	7.053942961	7.41	3.48
DALLAS-RICKREALL	3.25	3.841	3.48
JOHN DAY	162.3502995	162.415	3.42
JOHN DAY	154.2900235	154.2921051	3.42

MCKENZIE-BEND N CONN. 2	135.3280403	135.3280403	3.42
YAKIMA ST. CONNECTION	245.83	245.89	3.42
JOHN DAY	154.03	154.1	3.42
JOHN DAY	153.93	154.03	3.42
MCKENZIE-BEND N CONN. 2	135.3524181	135.3524181	3.42
JOHN DAY	162.57	162.5764779	3.42
	2.927025815	2.927025855	3.42
	2.927025815	2.927025855	3.42
JOHN DAY	154.03	154.03	3.42
MCKENZIE-BEND N CONN. 2	135.1032352	135.1032352	3.42
	2.927025825	2.927025855	3.42
CENTRAL OREGON	245.9899997	246.04	3.42
JOHN DAY	153.8300004	153.93	3.42
	2.927025825	2.927025855	3.42
JOHN DAY	162.4649649	162.48	3.42
JOHN DAY	277.8999999	277.9383793	3.42
	2.927025825	2.927025855	3.42
CENTRAL OREGON	245.9	246.21	3.42
	2.927025815	2.927025855	3.42
CENTRAL OREGON	246.04	246.2	3.42
	2.927025815	2.927025855	3.42
	2.927025825	2.927025855	3.42
REED MARKET RD. CONN. NO 2	139.22	139.22	3.42
JOHN DAY	154.1	154.2900235	3.42
WALLOWA LAKE	54.98	55.14	3.42
OREGON COAST	127.67	127.7499999	3.42
OREGON COAST	273.6286571	273.6304725	3.42
MCKENZIE	92.5	92.55	3.42
WARREN O'XING CONN. NO. 3	30.59	30.75	3.42
SANTIAM	99.958	99.96	3.42
	12.47825972	12.47825974	3.42
OREGON COAST	155.95	156.16	3.42
MCKENZIE	92.67	92.7	3.42
OREGON COAST	127.2600235	127.2999998	3.42
OREGON COAST	211.98	212.0299804	3.42
WALLOWA LAKE	54.72	54.73	3.42
MCKENZIE	92.38244577	92.5	3.42
OREGON COAST	155.85	155.9	3.42
WALLOWA LAKE	55.14	55.14999999	3.42
SANTIAM	99.96	99.961	3.42
SANTIAM	99.94	99.942	3.42
OREGON COAST	156.16	156.18	3.42
WARREN O'XING CONN. NO. 1	30.48	30.48702375	3.42
OREGON COAST	164.1100235	164.12	3.42
SANTIAM	99.936	99.938	3.42
OREGON COAST	127.25	127.2600235	3.42
OREGON COAST	127.5040318	127.67	3.42
OREGON COAST	211.72	211.98	3.42
SANTIAM	99.936	99.938	3.42
OREGON COAST	51.14	51.24595369	3.42
MCKENZIE	92.62	92.67	3.42
WARREN O'XING CONN. NO. 3	30.74199202	30.75	3.42
SANTIAM	99.938	99.94	3.42
SANTIAM	99.958	99.96	3.42
SANTIAM	99.96	99.961	3.42
SUNSET BLVD. CONN. NO. 1	29.5	29.59	3.42
SANTIAM	99.94	99.942	3.42
OREGON COAST	47.1701529	47.46999914	3.42
MCKENZIE	92.92	92.94985185	3.42
OREGON COAST	164.3800235	164.4200235	3.42
SANTIAM	99.94	99.942	3.42
	12.47825972	12.47825974	3.42
OREGON COAST	164.06	164.1100235	3.42
SANTIAM	99.961	100.02	3.42
OREGON COAST	156.18	156.2341916	3.42
OREGON COAST	84.8199845	84.94	3.42
SANTIAM	99.938	99.94	3.42
OREGON COAST	155.7602117	155.85	3.42
OREGON COAST	164.46	164.6331459	3.42
WARREN O'XING CONN. NO. 1	30.48	30.63	3.42
SANTIAM	99.936	99.938	3.42
WALLOWA LAKE	54.89	54.98	3.42
SANTIAM	99.938	99.94	3.42
OREGON COAST	127.2999998	127.4966993	3.42
WALLOWA LAKE	54.73	54.89	3.42
SANTIAM	99.94	99.96	3.42
OREGON COAST	164.44	164.46	3.42

WALLOWA LAKE	65.29818895	65.30316889	3.42
OREGON COAST	140.36	140.36	3.42
SANTIAM	99.86309247	99.938	3.42
OREGON COAST	85.00840308	85.05	3.42
MCKENZIE	92.55	92.62	3.42
OREGON COAST	50.9	51.14	3.42
	12.47825972	12.47825977	3.42
OREGON COAST	155.9	155.95	3.42
OREGON COAST	164.12	164.3800235	3.42
OREGON COAST	84.94	84.98372586	3.42
OREGON COAST	85.05	85.16984288	3.42
SANTIAM	99.938	99.94	3.42
SANTIAM	99.958	99.96	3.42
SANTIAM	99.96	99.961	3.42
OREGON COAST	164.4200235	164.44	3.42
MCKENZIE	92.7	92.92	3.42
SUNSET BLVD. CONN. NO. 2	29.52	29.61	3.42
SANTIAM	99.96	99.961	3.42
JOHN DAY-BURNS	2.56E-02	0.077	3.42
COOS BAY-ROSEBURG	20.8	20.85	3.42
HWY 091(1W) CONN. NO. 2	56.361	56.362	3.42
COOS BAY-ROSEBURG	20.52899362	20.71036446	3.42
	10.24000387	10.24012026	3.42
	10.22064801	10.22064801	3.42
COLUMBIA BLVD. CONN. NO. 2	9.83E-02	9.90E-02	3.42
NEHALEM	83.38885472	83.5799549	3.42
NEHALEM	88.81560391	88.81564482	3.42
LOWER COLUMBIA RIVER	61.37453222	61.42	3.42
LOWER COLUMBIA RIVER	61.42	61.47	3.42
NEHALEM	83.23	83.33002346	3.42
LOWER COLUMBIA RIVER	61.61	61.6127468	3.42
NEHALEM	88.81560389	88.81564482	3.42
LOWER COLUMBIA RIVER	61.57	61.61	3.42
NEHALEM	88.81560391	88.81564482	3.42
LOWER COLUMBIA RIVER	61.52	61.57	3.42
NEHALEM	83.33002346	83.3545725	3.42
LOWER COLUMBIA RIVER	61.47	61.52	3.42
NEHALEM	82.85600371	83.23	3.42
HILLSBORO-SILVERTON	36.77676313	36.77676313	3.42
LOWER COLUMBIA RIVER	61.74758325	61.88532508	3.42
JOHN DAY	162.05	162.136	3.39
CENTRAL OREGON	132.02	132.1196773	3.39
E CASCADE LOCKS CONN. NO.1	44.5	44.83236931	3.39
CENTRAL OREGON	132.01	132.02	3.39
JOHN DAY	162.6029603	162.62	3.39
JOHN DAY	162.62	162.8401553	3.39
JOHN DAY	175.4321187	175.44	3.39
JOHN DAY	162.0229245	162.05	3.39
CENTRAL OREGON	132	132.0091481	3.39
JOHN DAY	175.44	175.5900196	3.39
CENTRAL OREGON	131.92	132	3.39
JOHN DAY	174.8902114	174.893	3.39
JOHN DAY	130.6699516	130.7583744	3.39
CENTRAL OREGON	131.7778116	131.92	3.39
KLAMATH FALLS-LAKEVIEW	53.77	53.87	3.39
OREGON COAST	328.2540249	328.48	3.39
WALLOWA LAKE	19.96999989	20.05710982	3.39
OREGON COAST	55.25898427	55.33092358	3.39
KLAMATH FALLS-LAKEVIEW	53.46016341	53.63	3.39
WALLOWA LAKE	20.5438192	20.548	3.39
KELSO RD. CONN. 1	20.97	21.07	3.39
OREGON COAST	301.419	301.4801801	3.39
WALLOWA LAKE	65.33823509	65.56	3.39
WALLOWA LAKE	71.07	71.1	3.39
OREGON COAST	300.8942867	300.93	3.39
OREGON COAST	300.99	301.03	3.39
KLAMATH FALLS-LAKEVIEW	53.87	53.96	3.39
OREGON COAST	328.48	328.7505487	3.39
OREGON COAST	301.3100235	301.361	3.39
KELSO RD. CONN. 4	20.61	20.793	3.39
OREGON COAST	274.11	274.29	3.39
PENDLETON-JOHN DAY	16.02	16.04014353	3.39
OREGON COAST	212.2259404	212.37	3.39
OREGON COAST	274.54	274.6	3.39
OREGON COAST	301.14	301.3100235	3.39
OREGON COAST	273.94	274.11	3.39
PENDLETON-JOHN DAY	15.59108342	15.68	3.39

KELSO RD. CONN. 2	21.06	21.34	3.39
KLAMATH FALLS-LAKEVIEW	53.96	53.99000073	3.39
WALLOWA LAKE	64.45981725	64.57	3.39
OREGON COAST	212.37	212.69	3.39
KLAMATH FALLS-LAKEVIEW	96.0783025	96.13752825	3.39
WALLOWA LAKE	64.57	64.7	3.39
OREGON COAST	55.12819975	55.2	3.39
WALLOWA LAKE	65.56	65.811	3.39
OREGON COAST	301.37	301.419	3.39
OREGON COAST	55.11990062	55.12819975	3.39
OREGON COAST	274.29	274.54	3.39
OREGON COAST	45.27651144	45.45064635	3.39
OREGON COAST	301.361	301.37	3.39
KLAMATH FALLS-LAKEVIEW	95.83	95.88	3.39
OREGON COAST	55.85	56.27	3.39
PENDLETON-JOHN DAY	16	16.02	3.39
WALLOWA LAKE	11.89006827	11.91886617	3.39
KLAMATH FALLS-LAKEVIEW	95.8	95.83	3.39
OREGON COAST	55.2	55.25898427	3.39
REDWOOD	28.36997235	28.37002349	3.39
OREGON COAST	212.69	212.8000065	3.39
OREGON COAST	274.6	274.6100235	3.39
WALLOWA LAKE	64.76	64.869	3.39
REDWOOD	28.37002349	28.38862135	3.39
OREGON COAST	274.6100235	274.79002	3.39
FREMONT	143.3	143.38	3.39
OREGON COAST	301.03	301.14	3.39
OREGON COAST	55.84483574	55.85	3.39
WALLOWA LAKE	71.1	71.15735779	3.39
KLAMATH FALLS-LAKEVIEW	53.63	53.77	3.39
KELSO RD. CONN. 3	21.23	21.33	3.39
WALLOWA LAKE	71.06001244	71.07	3.39
OREGON COAST	273.89	273.94	3.39
OREGON COAST	300.93	300.99	3.39
TICKLE CREEK FRONTAGE RD.	21.53	21.62	3.39
OREGON COAST	329.64	329.7000342	3.39
WALLOWA LAKE	65.811	65.85	3.39
OREGON COAST	329.2561012	329.64	3.39
FREMONT	143.38	144.0499998	3.39
OREGON COAST	300.1099999	300.2232758	3.39
UMPQUA	50.16025652	50.181	3.39
KLAMATH FALLS-MALIN	13.63381621	13.7028841	3.39
UMPQUA	50.25	50.49	3.39
UMPQUA	36.32	36.35968252	3.39
JOHN DAY-BURNS	0.18	0.239999987	3.39
UMPQUA	36.09	36.32	3.39
COOS BAY-ROSEBURG	21.05748105	21.061	3.39
KLAMATH FALLS-MALIN	13.73	13.80392499	3.39
NEHALEM HWY. CONN. NO. 1	49.13007777	49.23	3.39
UMPQUA	36.07	36.09	3.39
JOHN DAY-BURNS	0.104907471	0.13	3.39
COOS BAY-ROSEBURG	21.1	21.46326256	3.39
UMPQUA	50.49	50.63	3.39
JOHN DAY-BURNS	1.94	1.953462671	3.39
S. CEDAR ST. CONN. NO. 1	50.24	50.27	3.39
UMPQUA	50.181	50.24	3.39
COOS BAY-ROSEBURG	21.065	21.1	3.39
UMPQUA	50.24	50.25	3.39
SWEDETOWN RD. CONN. NO. 3	60.94	61.09	3.39
HISTORIC COLUMBIA RIVER	30.57	30.81	3.39
HISTORIC COLUMBIA RIVER	31.18	31.23	3.39
WILSON RIVER HWY CONN NO 2	84.15445786	84.17851925	3.39
WILSON RIVER HWY CONN NO 2	83.95	84.007	3.39
SHAW-AUMSVILLE CONN. NO. 3	8.95	8.980557082	3.39
SHAW-AUMSVILLE CONN. NO. 4	8.93	9.29	3.39
HISTORIC COLUMBIA RIVER	31.23	31.28	3.39
WILSON RIVER HWY CONN NO 2	83.84	83.95	3.39
SHAW-AUMSVILLE CONN. NO. 3	9.00853965	9.18	3.39
LOWER COLUMBIA RIVER	61.19002351	61.20552966	3.39
HISTORIC COLUMBIA RIVER	30.81	30.91002352	3.39
SHAW-AUMSVILLE CONN. NO. 2	8.93	9.22	3.39
HISTORIC COLUMBIA RIVER	30.91002352	30.95	3.39
LOWER COLUMBIA RIVER	61	61.19002351	3.39
SHAW-AUMSVILLE CONN. NO. 1	8.935	9.17	3.39
HISTORIC COLUMBIA RIVER	30.36	30.57	3.39
HISTORIC COLUMBIA RIVER	30.95	31.18	3.39
I.O.N.	20.02	20.1	3.39

I.O.N.	19.93011844	20	3.39
CENTRAL OREGON HWY CONN.	31.66	31.83	3.39
I.O.N.	20.53405525	20.59	3.39
I.O.N.	20.71002352	20.75993858	3.39
I.O.N.	20.44	20.45906451	3.39
I.O.N.	20.59	20.67804771	3.39
I.O.N.	20.412	20.44	3.39
I.O.N.	20	20.02	3.39
I.O.N.	20.1	20.14000308	3.39
JOSEPH-WALLOWA LAKE	0.84	0.860023514	3.39
JOSEPH-WALLOWA LAKE	0.860023514	0.94	3.39
I.O.N.	121.279	121.36	3.39
JOSEPH-WALLOWA LAKE	0.237113757	0.84	3.39
I.O.N.	20.67804771	20.71002352	3.39
I.O.N.	20.45906451	20.53405525	3.39
I.O.N.	20.14000308	20.412	3.39
PACIFIC	113.66	113.7235635	3.12
PACIFIC	113.59	113.7124945	3.12
PACIFIC	113.433	113.66	3.12
PACIFIC	129.4438194	129.4438194	3.12
PACIFIC	98.295	98.5	3.12
PACIFIC	99.01	99.502	3.12
PACIFIC	98.73	99.29	3.12
PACIFIC	192.5667099	192.5667099	3.12
PACIFIC	192.522029	192.522029	3.12
PACIFIC	98.5	99.01	3.12
PACIFIC	27.21880488	27.21898301	3.12
PACIFIC	99.29	99.519	3.12
PACIFIC	192.5667099	192.5667099	3.12
PACIFIC	113.7556815	114.2260157	3.12
PACIFIC	99.502	99.53646337	3.12
PACIFIC	129.4502151	129.4502152	3.12
PACIFIC	113.2	113.433	3.12
PACIFIC	99.519	99.5490897	3.12
PACIFIC	113.2641498	113.446	3.12
PACIFIC	292.160562	292.160562	3.12
PACIFIC	292.1715888	292.1715888	3.12
PACIFIC	98.2607581	98.275	3.12
WEAVER RD. CONN. NO. 2	106.64	106.66	3.12
PACIFIC	98.28392124	98.295	3.12
PACIFIC	76.12917724	76.39723679	3.12
PACIFIC	27.21898301	27.21899676	3.12
PACIFIC	76.11152159	76.38845673	3.12
PACIFIC	98.275	98.73	3.12
PACIFIC	129.454872	129.454872	3.12
PACIFIC	129.4438194	129.4438194	3.12
PACIFIC	113.446	113.59	3.12
WEAVER RD. CONN. NO. 2	106.66	106.6767771	3.12
PACIFIC	113.7578895	114.1972817	3.12
COLUMBIA RIVER	69.57055249	69.63	3.12
COLUMBIA RIVER	69.57238899	69.784	3.12
MAIN STREET FRONTAGE ROAD	99.79	99.82	3.12
COLUMBIA RIVER	69.783	69.93	3.12
COLUMBIA RIVER	69.784	69.79	3.12
MAIN STREET FRONTAGE ROAD	99.605	99.79	3.12
COLUMBIA RIVER	69.63	69.783	3.12
COLUMBIA RIVER	69.79	69.97030152	3.12
COLUMBIA RIVER	69.93	69.98120477	3.12
OLD OREGON TRAIL	285.5004879	285.51	3.12
OLD OREGON TRAIL	285.86	285.919	3.12
OLD OREGON TRAIL	285.51	285.679	3.12
OLD OREGON TRAIL	285.5	285.66	3.12
OSWEGO	2.715613742	2.715613749	3.12
OLD OREGON TRAIL	285.4439738	285.5	3.12
OLD OREGON TRAIL	285.83	285.9445401	3.12
OSWEGO	2.715613688	2.715613742	3.12
OLD OREGON TRAIL	285.66	285.83	3.12
CAYUSE-ADAMS FRONTAGE RD.	11.8483764	12.16983174	3.12
OLD OREGON TRAIL	285.679	285.86	3.12
TUALATIN VALLEY	31.06659272	31.33	3.12
	99.97	99.971	3.12
MCKENZIE	11.54002352	11.59	3.12
ALSEA	1.894	2.23	3.12
TUALATIN VALLEY	31.36	31.60255707	3.12
	99.97	99.971	3.12
	99.97	99.971	3.12
	99.968	99.97	3.12

	99.97	99.971	3.12
	99.97	99.971	3.12
ALSEA	2.33	2.411224028	3.12
LAKESIDE FRONTAGE RD.	222.838191	223.283	3.12
	99.97	99.971	3.12
	99.97	99.971	3.12
	99.97	99.971	3.12
	99.97	99.971	3.12
	99.97	99.971	3.12
LAKESIDE FRONTAGE RD.	223.283	223.3425256	3.12
WESTFIR FRONTAGE RD.	31.35	31.78535232	3.12
	99.967	99.97	3.12
	99.97	99.971	3.12
	99.97	99.971	3.12
	99.97	99.971	3.12
	99.968	99.97	3.12
	99.97	99.971	3.12
ALSEA	2.28	2.33	3.12
	99.967	99.97	3.12
TUALATIN VALLEY	31.33	31.36	3.12
	99.968	99.97	3.12
	99.967	99.97	3.12
	99.968	99.97	3.12
ALSEA	2.23	2.28	3.12
WILLAMINA-SALEM	25.61874676	25.61874677	3.12
	99.97	99.971	3.12
	99.97	99.971	3.12
	99.967	99.97	3.12
WILSON RIVER	22.11041525	22.55844328	3.12
WILSON RIVER	49.19571331	49.37194335	3.12
WILSONVILLE-HUBBARD	5.036903971	5.049992448	3.12
WILSON RIVER	23.58	23.93947817	3.12
NECANICUM	4.00E-02	0.312774626	3.12
WILSON RIVER	23.57	23.58	3.12
WILSON RIVER	23.436	23.57	3.12
SUNSET	64.24662286	64.24662289	3.12
PACIFIC HIGHWAY WEST	58.09	58.36874162	3.12
EAST PORTLAND FREEWAY	13.5750136	13.57501362	3.12
PACIFIC HIGHWAY WEST	57.85931015	57.99	3.12
	4.391796439	4.391796441	3.12
EAST PORTLAND FREEWAY	13.57501362	13.57501367	3.12
PACIFIC HIGHWAY WEST	58.06	58.09	3.12
	4.223150587	4.22315062	3.12
PACIFIC HIGHWAY EAST	16.9398762	17.56104906	3.12
EAST PORTLAND FREEWAY	13.61589857	13.61589858	3.12
EAST PORTLAND FREEWAY	8.817844804	8.817844829	3.12
PACIFIC HIGHWAY WEST	57.99	58.06	3.12
	4.249691235	4.249691271	3.12
WHITNEY	1.14E-13	0.226483518	3.12
	4.216733789	4.216733813	3.12
EAST PORTLAND FREEWAY	13.61589858	13.61589865	3.12
	4.22315062	4.223150634	3.12
PACIFIC HIGHWAY EAST	24.68084013	24.80008218	3.12
PACIFIC HIGHWAY EAST	16.73594932	16.9398762	3.12
	4.249691228	4.249691235	3.12
NEHALEM	76.80901329	76.87	3.12
NEHALEM	62.29	62.31030116	3.12
CASCADE HWY SOUTH	7.848537041	7.96	3.12
CASCADE HWY SOUTH	10.22353782	10.45	3.12
CLACKAMAS	10.92419227	11.63	3.12
NEHALEM	62.24621403	62.29	3.12
WOODBURN-ESTACADA	33.45	33.49	3.12
NETARTS	0.24	0.280712909	3.12
NEHALEM	76.87	76.96	3.12
CASCADE HWY SOUTH	12.35	12.36	3.12
SALEM-DAYTON	14.72611737	14.92593121	3.12
CLACKAMAS	23.3	23.36	3.12
CLACKAMAS	23	23.11	3.12
CLACKAMAS	23.16029983	23.3	3.12
WOODBURN-ESTACADA	33.401	33.45	3.12
CLACKAMAS	11.63	11.64	3.12
CASCADE HWY SOUTH	12.36	12.45869705	3.12
CLACKAMAS	22.77467283	22.99	3.12
LOWER COLUMBIA RIVER	1.678981653	1.678981672	3.12
CLACKAMAS	11.64	12.3643545	3.12
CLACKAMAS	14.37023337	17.3674149	3.12
CLACKAMAS	23.36	23.3800235	3.12

CASCADE HWY SOUTH	11.06	11.32134601	3.12
CLACKAMAS	17.92	18.16847946	3.12
CASCADE HWY SOUTH	13.45243667	13.46446007	3.12
CLACKAMAS	23.3800235	23.49554023	3.12
NETARTS	2.054349557	2.16	3.12
CASCADE HWY SOUTH	10.9	11.06	3.12
NEHALEM	76.76	76.9	3.12
WOODBURN-ESTACADA	33.29	33.401	3.12
CLACKAMAS	17.87051364	17.92	3.12
CLACKAMAS	13.62973806	13.63002351	3.12
CASCADE HWY SOUTH	10.45	10.47	3.12
CLACKAMAS	10.51983536	10.52002346	3.12
CASCADE HWY SOUTH	13.04	13.11948867	3.12
CASCADE HWY SOUTH	11.62506776	11.74220297	3.12
CASCADE HWY SOUTH	10.64	10.84	3.12
NEHALEM	76.72	76.76	3.12
CLACKAMAS	23.11	23.12	3.12
CASCADE HWY SOUTH	13.12665123	13.44794368	3.12
CASCADE HWY SOUTH	10.47	10.61	3.12
CLACKAMAS	23.13	23.16029983	3.12
CLACKAMAS	22.99	23	3.12
CASCADE HWY SOUTH	13.03094332	13.04	3.12
CLACKAMAS	23.12	23.13	3.12
TIMBERLINE	0.12	0.431630114	3.12
ALBANY-LYONS	25.64	25.71	3.12
EAGLE CREEK-SANDY	2.273	2.504810409	3.12
EAGLE CREEK-SANDY	3.22764953	3.230023507	3.12
VALE-WEST	10.26273462	10.28	3.12
EAGLE CREEK-SANDY	2.118861459	2.266	3.12
GOSHEN-DIVIDE	14.04422229	14.04424517	3.12
SERVICE CREEK-MITCHELL	24.061	24.07580671	3.12
EAGLE CREEK-SANDY	3.08693837	3.217643955	3.12
UMATILLA MISSION	2.256092258	2.867543953	3.12
VALE-WEST	10.28	10.3453205	3.12
EAGLE CREEK-SANDY	3.465483361	3.597052945	3.12
EAGLE CREEK-SANDY	-3.00E-02	3.00E-02	3.12
SUMPTER	0.959930494	1.013848449	3.12
TIMBERLINE	0.12	0.431115327	3.12
EAGLE CREEK-SANDY	3.609374368	3.630757676	3.12
VALE-WEST	10.36702713	10.37	3.12
ALBANY-LYONS	25.56	25.64	3.12
EAGLE CREEK-SANDY	-0.23	-3.00E-02	3.12
ALBANY-LYONS	24.41	24.43785756	3.12
VALE-WEST	10.37	10.37495411	3.12
MEDICAL SPRINGS	0.209999824	0.246768513	3.12
EAGLE CREEK-SANDY	1.56	1.631796194	3.12
CENTURY DRIVE	13.98325581	14.39194845	3.12
EAGLE CREEK-SANDY	3.394796286	3.429450789	3.12
CULVER	8.820023474	8.840000401	3.12
ALBANY-LYONS	25.54	25.56	3.12
EAGLE CREEK-SANDY	1.023554272	1.162307725	3.12
UMATILLA MISSION	3.743080394	4.352702813	3.12
ALBANY-LYONS	25.50300858	25.54	3.12
EAGLE CREEK-SANDY	1.55	1.56	3.12
CULVER	8.581561788	8.820023474	3.12
SILETZ	31.23753266	31.24	3.12
EAGLE CREEK-SANDY	3.00E-02	0.27	3.12
EAGLE CREEK-SANDY	3.230023507	3.266624812	3.12
SERVICE CREEK-MITCHELL	23.87913919	24.061	3.12
ALBANY-LYONS	25.4418963	25.45123632	3.12
JOHN DAY	91.58502306	92.1801837	3.09
JOHN DAY	57.58002352	57.59	3.09
JOHN DAY	58.15	58.21	3.09
JOHN DAY	57.35863549	57.58002352	3.09
JOHN DAY	59.64002351	59.782	3.09
THE DALLES-CALIFORNIA	46.947	47.40002352	3.09
JOHN DAY	92.78983609	93.34733091	3.09
THE DALLES-CALIFORNIA	47.40002352	47.48533873	3.09
THE DALLES-CALIFORNIA	12.7400235	13.55002352	3.09
CENTRAL OREGON	258.2	258.8689329	3.09
THE DALLES-CALIFORNIA	13.55002352	13.77327818	3.09
JOHN DAY	58.09	58.15	3.09
THE DALLES-CALIFORNIA	44.07399909	44.83003112	3.09
JOHN DAY	59.24	59.64002351	3.09
JOHN DAY	57.59	57.6	3.09
JOHN DAY	59.18	59.24	3.09
JOHN DAY	37.31593024	37.5	3.09

THE DALLES-CALIFORNIA	12.54	12.7400235	3.09
JOHN DAY	38.68028792	39.14136741	3.09
THE DALLES-CALIFORNIA	12.2646077	12.54	3.09
JOHN DAY	57.6	58.09	3.09
THE DALLES-CALIFORNIA	46.211	46.43116074	3.09
JOHN DAY	37.5	37.71985778	3.09
CRATER LAKE	20.28992517	20.68	3.09
CRATER LAKE	20.68	20.95	3.09
GREEN SPRINGS	50.204	50.21	3.09
CRATER LAKE	13.62693418	13.63	3.09
GREEN SPRINGS	49.29655608	49.3495893	3.09
TUALATIN VALLEY	24.83891229	25.26543677	3.09
DAIRY-BONANZA	5.748130972	5.910023513	3.09
TUALATIN VALLEY	26.78	27.08021193	3.09
CRATER LAKE	45.31	45.51872506	3.09
GREEN SPRINGS	49.88754795	49.899104	3.09
ENTERPRISE-LEWISTON	42.29373936	42.616	3.09
CRATER LAKE	21.03	21.10002351	3.09
GREEN SPRINGS	49.81	49.8601776	3.09
DAIRY-BONANZA	6.39	6.394753932	3.09
CRATER LAKE	96.46793414	97.94231076	3.09
MT. HOOD	21.958	21.97974583	3.09
CRATER LAKE	19.86235256	20.03977229	3.09
MCKENZIE	90.365	91.09	3.09
CRATER LAKE	13.63	14.04897852	3.09
TUALATIN VALLEY	35.08750748	35.1554026	3.09
TUALATIN VALLEY	34.71026552	34.87749218	3.09
ALSEA	39.2664263	39.582	3.09
MCKENZIE	91.14062383	91.27	3.09
CRATER LAKE	43.15071571	44.29	3.09
CRATER LAKE	20.95	21.03	3.09
FREMONT	97.69442719	98.21992529	3.09
GREEN SPRINGS	49.917	49.92032784	3.09
DAIRY-BONANZA	5.910023513	6.39	3.09
ALSEA	40.11990013	40.68140813	3.09
TUALATIN VALLEY	26.76	26.78	3.09
CRATER LAKE	21.10002351	21.36510946	3.09
FREMONT	98.89008536	99.305	3.09
GREEN SPRINGS	49.69614864	49.728	3.09
GREEN SPRINGS	49.79156687	49.81	3.09
TUALATIN VALLEY	26.57454163	26.76	3.09
GREEN SPRINGS	20.618	22.17459484	3.09
GREEN SPRINGS	50.21	50.24218181	3.09
HEPPNER	44.75848242	44.77	3.09
HEPPNER	46.76	46.79227189	3.09
OREGON CAVES	0.75	1.02874905	3.09
WILSON RIVER	49.66723263	49.78129218	3.09
COOS BAY-ROSEBURG	71.48	71.62002351	3.09
HEPPNER	45.32532819	45.37000844	3.09
ALBANY-JUNCTION CITY	31.98572569	32.11002351	3.09
HEPPNER	46.34002348	46.48	3.09
HEPPNER	44.77904968	44.89758674	3.09
OREGON CAVES	0.520023482	0.75	3.09
WILSON RIVER	49.54704754	49.65912126	3.09
HEPPNER	46.3398317	46.34002348	3.09
ALBANY-JUNCTION CITY	29.13611164	29.30586745	3.09
HEPPNER	46.81710436	46.97966113	3.09
OREGON CAVES	0.239479308	0.520023482	3.09
HEPPNER	44.902	44.9635785	3.09
HEPPNER	45.297	45.32	3.09
HEPPNER	46.55027093	46.57015864	3.09
HEPPNER	45.05	45.16	3.09
WILSON RIVER	49.45461915	49.53598838	3.09
ALBANY-JUNCTION CITY	32.11002351	32.11014849	3.09
PACIFIC HIGHWAY WEST	108.4999276	108.5000235	3.09
PACIFIC HIGHWAY WEST	101.1801816	101.3300235	3.09
LA GRANDE-BAKER	16.94000005	17.18	3.09
PACIFIC HIGHWAY WEST	100.37	100.58	3.09
PACIFIC HIGHWAY WEST	43.44714502	43.47	3.09
LA GRANDE-BAKER	40.048	40.39527065	3.09
PACIFIC HIGHWAY WEST	45.29	45.32256662	3.09
PACIFIC HIGHWAY WEST	100.58	100.6599998	3.09
PACIFIC HIGHWAY WEST	39.33994769	39.69883974	3.09
PACIFIC HIGHWAY WEST	101.3300235	101.7757404	3.09
PACIFIC HIGHWAY WEST	45.4165077	45.48713067	3.09
PACIFIC HIGHWAY WEST	100.0624667	100.37	3.09
LA GRANDE-BAKER	41.19002351	41.2572375	3.09

LA GRANDE-BAKER	40.89097198	41.19002351	3.09
LA GRANDE-BAKER	49.12048584	49.27002351	3.09
PACIFIC HIGHWAY WEST	45.00338105	45.03062575	3.09
LA GRANDE-BAKER	39.94552615	40.048	3.09
PACIFIC HIGHWAY WEST	45.22294608	45.26057989	3.09
LA GRANDE-BAKER	17.18	17.37519275	3.09
PACIFIC HIGHWAY WEST	43.47	43.96169656	3.09
LA GRANDE-BAKER	32.6501764	32.899	3.09
HISTORIC COLUMBIA RIVER	6.95	7.139559874	3.09
YAMHILL-NEWBERG	0.611218894	0.791876152	3.09
NORTH UMPQUA HIGHWAY EAST	16.75	16.82	3.09
LOWER COLUMBIA RIVER	49.86002351	49.999	3.09
WOODBURN-ESTACADA	16.39	16.42710822	3.09
NEHALEM	29.2	30.08350421	3.09
CASCADE HWY SOUTH	7.561899953	7.59	3.09
CASCADE HWY SOUTH	23.33132698	23.7408396	3.09
HISTORIC COLUMBIA RIVER	7.169	7.185582579	3.09
SALEM-DAYTON	10.93403062	12.36292691	3.09
HILLSBORO-SILVERTON	4.617842889	4.861658168	3.09
NORTH UMPQUA HIGHWAY EAST	17.87706626	18.00662874	3.09
MIST-CLATSKANIE	10.693	11.85	3.09
WOODBURN-ESTACADA	16.39	16.39179098	3.09
NEHALEM	46.14	46.58991724	3.09
CASCADE HWY SOUTH	24.12498604	24.48533919	3.09
HILLSBORO-SILVERTON	3.753177538	4.021	3.09
AMITY-DAYTON	1.14E-13	2.51E-02	3.09
WOODBURN-ESTACADA	15.82382342	16.1	3.09
BELLEVUE-HOPEWELL	6.790023527	7.159306854	3.09
NEHALEM	46.11	46.14	3.09
NEHALEM	61.22	61.257	3.09
NEHALEM	61.32	61.37114971	3.09
HILLSBORO-SILVERTON	46.45	46.817	3.09
NORTH UMPQUA HIGHWAY EAST	16.21257542	16.75	3.09
NEHALEM	28.94509825	29.2	3.09
NEHALEM	61.51	61.56	3.09
NORTH UMPQUA HIGHWAY EAST	16.82	17.4	3.09
WOODBURN-ESTACADA	16.1	16.12	3.09
CASCADE HWY SOUTH	23.17631012	23.29465703	3.09
NEHALEM	61.216	61.22	3.09
WOODBURN-ESTACADA	16.39	16.39270771	3.09
NEHALEM	45.54510676	46.11	3.09
LOWER COLUMBIA RIVER	94.59	94.604	3.09
HILLSBORO-SILVERTON	4.541341751	4.559585685	3.09
HILLSBORO-SILVERTON	46.42206224	46.45	3.09
WOODBURN-ESTACADA	9.11	9.795631489	3.09
HISTORIC COLUMBIA RIVER	7.348	7.351981997	3.09
WOODBURN-ESTACADA	16.39	16.43	3.09
CASCADE HWY SOUTH	6.749982536	6.876310688	3.09
NORTH UMPQUA HIGHWAY EAST	17.4	17.59	3.09
MIST-CLATSKANIE	11.85	11.89	3.09
NORTH UMPQUA HIGHWAY EAST	4.76468621	5.67	3.09
HILLSBORO-SILVERTON	17.79139084	17.81548247	3.09
CASCADE HWY SOUTH	7.59	7.677718984	3.09
FISHHAWK FALLS	1.14E-13	1.299073408	3.09
HISTORIC COLUMBIA RIVER	7.322758806	7.348	3.09
NORTH UMPQUA HIGHWAY EAST	17.59	17.87706626	3.09
HISTORIC COLUMBIA RIVER	6.865926332	6.95	3.09
WOODBURN-ESTACADA	16.12	16.39	3.09
NEHALEM	61.56	61.62289836	3.09
NORTH UMPQUA HIGHWAY EAST	15.49603003	15.50232626	3.09
HILLSBORO-SILVERTON	4.405	4.478760143	3.09
NORTH UMPQUA HIGHWAY EAST	16.00797567	16.03108676	3.09
NEHALEM	61.43694012	61.46758904	3.09
BELLEVUE-HOPEWELL	6.76370482	6.790023527	3.09
VALE-WEST	9.609712467	9.708028597	3.09
CHILOQUIN	4.251974154	4.28	3.09
JACKSONVILLE	6.4	6.44	3.09
SILETZ	24.28970753	24.382	3.09
COVE	13.72999012	13.97002349	3.09
JACKSONVILLE	25.89	26.08553912	3.09
ATHENA-HOLDMAN	17.65027544	17.69	3.09
UKIAH-HILGARD	0.941334551	1.010023479	3.09
MAPLETON-JUNCTION CITY	1.00E-02	0.746579415	3.09
HALFWAY-CORNUCOPIA	10.21245139	10.62017385	3.09
KIMBERLY-LONG CREEK	14.02877463	14.36528368	3.09
JACKSONVILLE	18.26793428	19.84479619	3.09
SILETZ	24.4463094	24.46005152	3.09

SAMS VALLEY	16.82818221	17.48	3.09
CORVALLIS-LEBANON	6.331512489	6.361924095	3.09
ATHENA-HOLDMAN	17.69	17.71	3.09
COVE	11.8329913	12.67367111	3.09
WASCO-HEPPNER	40.09823284	40.16002349	3.09
TERRITORIAL	25.11106667	25.11703308	3.09
SPRINGFIELD-CRESWELL	7.99	8	3.09
FRENCHGLEN	57.37762642	59.27133281	3.09
SUCCOR CREEK	0.66	1.147845658	3.09
TERRITORIAL	25.12722703	25.34733834	3.09
UKIAH-HILGARD	1.010023479	1.07	3.09
ELKTON-SUTHERLIN	1.14E-13	1.00E-02	3.09
JACKSONVILLE	24.57555452	25.61	3.09
MEDICAL SPRINGS	0.723713586	0.727177932	3.09
WASCO-HEPPNER	41.18000067	41.3300235	3.09
SPRINGFIELD-CRESWELL	7.87	7.97	3.09
MAPLETON-JUNCTION CITY	29.05437592	30.06	3.09
ROGUE RIVER LOOP	5.357095996	5.370061369	3.09
HUNTINGTON	6.02	6.11	3.09
CORVALLIS-LEBANON	6.2	6.217776845	3.09
JACKSONVILLE	5.93002348	6.4	3.09
ELKTON-SUTHERLIN	1.00E-02	2.00E-02	3.09
SILETZ	23.00429539	23.4200235	3.09
MAPLETON-JUNCTION CITY	45.93	45.95	3.09
LITTLE SHEEP CREEK	28.612	29.33035912	3.09
PARMA SPUR	13.22004532	13.5290418	3.09
KIMBERLY-LONG CREEK	13.19	13.54595056	3.09
EDDYVILLE-BLODGETT	0.356679092	0.675066488	3.09
PARMA SPUR	12.51	12.52	3.09
HUNTINGTON	6.27	6.28	3.09
ALBANY-LYONS	23.56052807	23.65	3.09
WASCO-HEPPNER	41.3300235	41.7905485	3.09
TERRITORIAL	25.09926121	25.10658116	3.09
SILETZ	24.52	24.65672991	3.09
CHILOQUIN	5.041696701	5.061439331	3.09
COVE	13.01	13.08	3.09
HALSEY-SWEET HOME	16.4871513	17.01634725	3.09
WASCO-HEPPNER	40.16002349	40.43999979	3.09
HUNTINGTON	6.11	6.27	3.09
EAGLE CREEK-SANDY	0.506	0.63	3.09
PAULINA	54.68380185	55.91	3.09
ELKTON-SUTHERLIN	8.00E-02	0.442997457	3.09
TERRITORIAL	3.10E-02	0.230023498	3.09
GOSHEN-DIVIDE	17.3200235	17.5034623	3.09
JACKSONVILLE	25.61	25.62	3.09
SAMS VALLEY	9.930409173	11.43348797	3.09
COQUILLE-BANDON	16.9300235	16.94	3.09
SUCCOR CREEK	12.26043183	12.51	3.09
SUCCOR CREEK	11.11948984	11.7198724	3.09
ATHENA-HOLDMAN	17.02002352	17.02999974	3.09
CHILOQUIN	4.28	4.39	3.09
MAPLETON-JUNCTION CITY	44.96011409	45.93	3.09
STEENS	28.13569642	28.64064665	3.09
TERRITORIAL	-3.00E-02	3.10E-02	3.09
ELKTON-SUTHERLIN	2.00E-02	8.00E-02	3.09
ALBANY-LYONS	9.182783055	9.521164965	3.09
STEENS	0.349999981	0.470411005	3.09
SPRINGFIELD-CRESWELL	7.260463557	7.87	3.09
HUNTINGTON	5.339507715	5.569	3.09
HALSEY-SWEET HOME	6.300023486	6.32936644	3.09
UKIAH-HILGARD	1.604097771	1.680673294	3.09
JACKSONVILLE	25.78	25.89	3.09
KINGS VALLEY	22.85977997	24.323	3.09
TERRITORIAL	17.47769993	18.07	3.09
POWERS	17.84377103	17.92999937	3.09
MAPLETON-JUNCTION CITY	45.95	46.25412369	3.09
MEDICAL SPRINGS	0.629410287	0.641385521	3.09
COQUILLE-BANDON	16.78002351	16.9300235	3.09
MAPLETON-JUNCTION CITY	30.07	30.727	3.09
COQUILLE-BANDON	16.75679244	16.78002351	3.09
UKIAH-HILGARD	1.07	1.088862003	3.09
HALSEY-SWEET HOME	17.04983697	17.08	3.09
EAGLE CREEK-SANDY	0.63	0.88393787	3.09
SPRINGFIELD-CRESWELL	7.97	7.99	3.09
HUNTINGTON	6.470023495	6.899220796	3.09
COVE	13.08	13.30999987	3.09
SILETZ	23.4200235	23.59022607	3.09

VALE-WEST	9.931376406	9.942545959	3.09
SUCCOR CREEK	0.509999897	0.66	3.09
TERRITORIAL	25.49074447	25.49164751	3.09
EDDYVILLE-BLODGETT	18.627	19.18	3.09
LITTLE SHEEP CREEK	0.310060442	1.066404591	3.09
PARMA SPUR	12.52	12.66288627	3.09
SHANIKO-FOSSIL	42.69002352	42.80974472	3.09
HUNTINGTON	5.989759432	6.02	3.09
HOOD RIVER	3.383339017	3.383985082	3.09
HALSEY-SWEET HOME	17.08	17.14	3.09
SILETZ	30.89581713	31.08532846	3.09
MEDICAL SPRINGS	0.674	0.710236859	3.09
SHANIKO-FOSSIL	42.54580181	42.69002352	3.09
TERRITORIAL	10.1	11.40867936	3.09
COVE	12.73312757	12.85	3.09
JACKSONVILLE	6.44	7.173574285	3.09
TERRITORIAL	0.230023498	0.769405332	3.09
WARNER	27.67468642	28.60166397	3.09
KIMBERLY-LONG CREEK	12.971	13.19	3.09
SUCCOR CREEK	12.51	12.58712589	3.09
COVE	13.97002349	14.22977169	3.09
KIMBERLY-LONG CREEK	34.40265978	34.589	3.09
ATHENA-HOLDMAN	16.86126032	17.02002352	3.09
JACKSONVILLE	25.62	25.78	3.09
KINGS VALLEY	18.54611537	20.18676618	3.09
HALSEY-SWEET HOME	6.16	6.25	3.09
MAPLETON-JUNCTION CITY	30.06	30.07	3.09
HUNTINGTON	6.28	6.470023495	3.09
ATHENA-HOLDMAN	17.71	18.12	3.09
WESTON-ELGIN	39.83937108	40.22000005	3.09
COVE	12.85	13.01	3.09
UKIAH-HILGARD	1.680673294	2.020115102	3.09
HALSEY-SWEET HOME	17.14	18.19275173	3.09
HALSEY-SWEET HOME	6.25	6.300023486	3.09
UKIAH-HILGARD	0.5	0.941334551	3.09
TERRITORIAL	10.08	10.1	3.09
CHILOQUIN	4.39	4.466004973	3.09
N CANYONVILLE FRONTAGE RD	99.21	99.34	3.03
CANYONVILLE CONN. NO. 2	98.281	98.3	3.03
CANYONVILLE CONN. NO. 2	98.25	98.271	3.03
CLARKS BRANCH CONN. NO. 2	113.49	113.51	3.03
CANYONVILLE CONN. NO. 1	98.28	98.31	3.03
CANYONVILLE CONN. NO. 3	98.96	99.19	3.03
CANYONVILLE CONN. NO. 2	98.271	98.281	3.03
CLARKS BRANCH CONN. NO. 2	113.41	113.442	3.03
CLARKS BRANCH CONN. NO. 2	113.38	113.41	3.03
ROSS ISLAND BRIDGE CONN. 2	0.330291048	0.330291072	3.03
ROSS ISLAND BRIDGE CONN. 2	0.330291048	0.330291072	3.03
ROSS ISLAND BRIDGE CONN. 2	0.330291048	0.330291072	3.03
CENTRAL OREGON	265.8887798	265.91	3.03
ROSS ISLAND BRIDGE CONN. 2	0.330291048	0.330291072	3.03
CENTRAL OREGON	265.91	265.9678594	3.03
ELK CREEK FRONTAGE RD.	39.44	39.57	3.03
EDGEWATER ST. CONN. NO. 1	24.23581469	24.23581469	3.03
TUALATIN VALLEY	25.31993124	25.32002352	3.03
E. GOVERNMENT CAMP FRONT.	52.94	53.03	3.03
TUALATIN VALLEY	25.37	25.58	3.03
TUALATIN VALLEY	25.69	25.72	3.03
E. GOVERNMENT CAMP FRONT.	53.61	54.05	3.03
ELK CREEK FRONTAGE RD.	39.57	39.62	3.03
E. GOVERNMENT CAMP FRONT.	53.03	53.55	3.03
TUALATIN VALLEY	25.58	25.69	3.03
	29.13	29.22549046	3.03
TUALATIN VALLEY	25.32002352	25.37	3.03
ENTERPRISE-LEWISTON	42.67047206	43.07	3.03
TUALATIN VALLEY	26.52	26.54	3.03
E. GOVERNMENT CAMP FRONT.	54.05	54.07	3.03
TUALATIN VALLEY	25.72	25.73	3.03
DAIRY-BONANZA	6.439999986	6.47	3.03
DAIRY-BONANZA	6.47	6.924305302	3.03
E. GOVERNMENT CAMP FRONT.	53.55	53.61	3.03
ENTERPRISE-LEWISTON	43.07	43.19	3.03
E. GOVERNMENT CAMP FRONT.	52.85	52.94	3.03
W. MARQUAM INTCHG. CONN. 1	0.442262662	0.442262664	3.03
W. MARQUAM INTCHG. CONN. 1	0.442262643	0.442262662	3.03
W. MARQUAM INTCHG. CONN. 1	0.442262662	0.442262664	3.03
W. MARQUAM INTCHG. CONN. 1	0.442262643	0.442262664	3.03

W. MARQUAM INTCHG. CONN. 1	0.442262643	0.442262662	3.03
W. MARQUAM INTCHG. CONN. 1	0.442262662	0.442262664	3.03
W. MARQUAM INTCHG. CONN. 1	0.442262643	0.442262664	3.03
W. MARQUAM INTCHG. CONN. 1	0.442262662	0.442262664	3.03
W. MARQUAM INTCHG. CONN. 1	0.442262643	0.442262662	3.03
W. MARQUAM INTCHG. CONN. 1	0.442262662	0.442262664	3.03
W. MARQUAM INTCHG. CONN. 1	0.442262662	0.442262664	3.03
W. MARQUAM INTCHG. CONN. 1	0.442262643	0.442262662	3.03
LA GRANDE-BAKER	16.1034359	16.51	3.03
LA GRANDE-BAKER	31.92154343	32.17	3.03
LA GRANDE-BAKER	16.66555569	16.86	3.03
LA GRANDE-BAKER	32.262	32.288	3.03
LA GRANDE-BAKER	32.17	32.23	3.03
LA GRANDE-BAKER	32.23	32.262	3.03
LA GRANDE-BAKER	32.288	32.32	3.03
LA GRANDE-BAKER	32.32	32.39002354	3.03
LA GRANDE-BAKER	16.51	16.60244097	3.03
LA GRANDE-BAKER	40.44	40.80974807	3.03
LA GRANDE-BAKER	32.39002354	32.56531978	3.03
HILLSBORO-SILVERTON	46.01678361	46.12773416	3.03
MIST-CLATSKANIE	0.34	0.364	3.03
MIST-CLATSKANIE	1.14E-13	0.34	3.03
HILLSBORO-SILVERTON	46.13	46.17	3.03
HILLSBORO-SILVERTON	45.96573212	45.99159823	3.03
HILLSBORO-SILVERTON	46.17	46.30993472	3.03
ATHENA-HOLDMAN	17.34	17.42	3.03
POWERS	18.37777136	18.79	3.03
SILETZ	23.63717278	23.69	3.03
ATHENA-HOLDMAN	17.42	17.49	3.03
SILETZ	23.69	23.94	3.03
ATHENA-HOLDMAN	17.14980102	17.21002348	3.03
LITTLE SHEEP CREEK	0.2	0.247577591	3.03
CORVALLIS-LEBANON	0.170023502	0.174	3.03
KIMBERLY-LONG CREEK	34.62368335	34.63	3.03
ATHENA-HOLDMAN	17.21002348	17.34	3.03
WESTON-ELGIN	40.59865247	40.84	3.03
KIMBERLY-LONG CREEK	34.63	34.88	3.03
LITTLE SHEEP CREEK	1.14E-13	0.2	3.03
ATHENA-HOLDMAN	17.49	17.51530149	3.03
STEENS	1.14E-13	0.186833993	3.03
SUCCOR CREEK	6.20E-02	9.80E-02	3.03
SILETZ	24.05	24.10001535	3.03
ATHENA-HOLDMAN	17.51530149	17.60028338	3.03
SILETZ	23.94	24.04	3.03
POWERS	18.88	18.91	3.03
SILETZ	24.04	24.05	3.03
ALBANY-LYONS	24.28963296	24.3262345	3.03
POWERS	18.79	18.88	3.03
COLUMBIA RIVER	168.21	168.23	2.48
COLUMBIA RIVER	168.21	168.21	2.48
COLUMBIA RIVER	167.73	168.15	2.48
COLUMBIA RIVER	167.58	167.58	2.48
COLUMBIA RIVER	178.7	178.71	2.48
COLUMBIA RIVER	168.013	168.21	2.48
COLUMBIA RIVER	167.984	168.013	2.48
COLUMBIA RIVER	167.94	167.9455647	2.48
COLUMBIA RIVER	176.6233961	178.7	2.48
COLUMBIA RIVER	178.71	180.654	2.48
COLUMBIA RIVER	168.23	174.351572	2.48
CENTRAL OREGON	224.8556796	224.9073951	2.48
THE DALLES-CALIFORNIA	107.4901673	112.2302705	2.48
THE DALLES-CALIFORNIA	180.0877936	180.1385146	2.48
CENTRAL OREGON	215.9217821	215.9768327	2.48
THE DALLES-CALIFORNIA	210.1402121	210.2344961	2.48
CENTRAL OREGON	186.0825704	186.1027687	2.48
CENTRAL OREGON	207.2240012	207.269927	2.48
JOHN DAY	240.07	254.07	2.48
CENTRAL OREGON	230.8288717	230.8484763	2.48
CENTRAL OREGON	183.093188	183.11	2.48
CENTRAL OREGON	221.6414661	221.8824652	2.48
CENTRAL OREGON	209.8570153	210.0871292	2.48
JOHN DAY	165.3306709	165.3705141	2.48
THE DALLES-CALIFORNIA	196.3404848	196.3657451	2.48
CENTRAL OREGON	192.4752634	192.5113221	2.48
CENTRAL OREGON	193.7596755	193.78725	2.48
JOHN DAY	254.07	254.1	2.48
THE DALLES-CALIFORNIA	200.006272	200.5202543	2.48

CENTRAL OREGON	192.7306679	192.7659058	2.48
CENTRAL OREGON	205.8619552	206.0310458	2.48
THE DALLES-CALIFORNIA	213.098657	213.2230613	2.48
CENTRAL OREGON	220.463	220.606598	2.48
CENTRAL OREGON	183.598445	183.6306132	2.48
CENTRAL OREGON	194.684	194.725	2.48
THE DALLES-CALIFORNIA	112.82	112.83	2.48
CENTRAL OREGON	208.8496229	208.91	2.48
CENTRAL OREGON	252.2131575	252.3644025	2.48
THE DALLES-CALIFORNIA	182.3586841	182.4702256	2.48
CENTRAL OREGON	204.5660071	204.5756676	2.48
THE DALLES-CALIFORNIA	197.5289897	199.0725171	2.48
CENTRAL OREGON	190.9280598	191.0132629	2.48
CENTRAL OREGON	198.5202254	198.689	2.48
CENTRAL OREGON	228.0077685	228.0493505	2.48
CENTRAL OREGON	183.9526726	183.9724372	2.48
THE DALLES-CALIFORNIA	131.1312896	131.646	2.48
THE DALLES-CALIFORNIA	162.641	162.6517193	2.48
CENTRAL OREGON	211.1803105	211.244	2.48
CENTRAL OREGON	222.9094672	222.9341525	2.48
CENTRAL OREGON	185.6307545	185.69	2.48
THE DALLES-CALIFORNIA	105.73	106.3603533	2.48
CENTRAL OREGON	214.771	214.9516853	2.48
CENTRAL OREGON	192.8818769	192.907	2.48
THE DALLES-CALIFORNIA	152.82	153.1029769	2.48
CENTRAL OREGON	200.657	200.6864074	2.48
JOHN DAY	166.456	166.47	2.48
THE DALLES-CALIFORNIA	210.2732797	211.0489598	2.48
CENTRAL OREGON	186.1501589	186.1594666	2.48
THE DALLES-CALIFORNIA	152.82	153.097	2.48
CENTRAL OREGON	227.62	227.7461099	2.48
OREGON-WASHINGTON	6.19	6.238525974	2.48
THE DALLES-CALIFORNIA	99.89	100.237	2.48
THE DALLES-CALIFORNIA	160.6134539	161.7468876	2.48
CENTRAL OREGON	216.8871096	217.1415566	2.48
THE DALLES-CALIFORNIA	209.7437094	209.9571416	2.48
CENTRAL OREGON	191.1219577	191.9861645	2.48
CENTRAL OREGON	203.5046344	203.5148691	2.48
THE DALLES-CALIFORNIA	150.99	151.6	2.48
CENTRAL OREGON	230.2314933	230.4149671	2.48
THE DALLES-CALIFORNIA	209.1252453	209.1785188	2.48
CENTRAL OREGON	186.635	186.8011877	2.48
CENTRAL OREGON	207.5550695	207.56	2.48
CENTRAL OREGON	233.9031363	233.9692654	2.48
CENTRAL OREGON	185.0989363	185.1380413	2.48
CENTRAL OREGON	193.8212238	193.8673194	2.48
CENTRAL OREGON	218.9472558	219.5650053	2.48
THE DALLES-CALIFORNIA	144.4389317	146.24	2.48
CENTRAL OREGON	214.0598267	214.069888	2.48
JOHN DAY	222.908	240.03	2.48
THE DALLES-CALIFORNIA	195.4503041	195.4924873	2.48
CENTRAL OREGON	192.8337036	192.8688772	2.48
CENTRAL OREGON	206.5435634	206.984	2.48
THE DALLES-CALIFORNIA	214.7639259	214.8328228	2.48
CENTRAL OREGON	228.4187387	229.7535022	2.48
CENTRAL OREGON	184.5427042	184.9992532	2.48
THE DALLES-CALIFORNIA	80.09033838	80.549	2.48
CENTRAL OREGON	196.6298895	196.637	2.48
THE DALLES-CALIFORNIA	185.2906306	185.33	2.48
CENTRAL OREGON	209.568135	209.679	2.48
CENTRAL OREGON	184.4415131	184.5120915	2.48
THE DALLES-CALIFORNIA	112.2302705	112.82	2.48
CENTRAL OREGON	198.7405485	198.774	2.48
CENTRAL OREGON	220.6986304	220.8018905	2.48
THE DALLES-CALIFORNIA	180.3672485	180.384404	2.48
CENTRAL OREGON	210.755	210.853	2.48
JOHN DAY	167.9252125	167.9645238	2.48
THE DALLES-CALIFORNIA	177.9392864	178.0174222	2.48
CENTRAL OREGON	192.6502124	192.676153	2.48
CENTRAL OREGON	205.7549425	205.788	2.48
THE DALLES-CALIFORNIA	263.5401839	263.9601867	2.48
CENTRAL OREGON	227.511	227.605769	2.48
OREGON-WASHINGTON	21.57385176	21.69295607	2.48
CENTRAL OREGON	182.964	183.007	2.48
CENTRAL OREGON	194.669312	194.672	2.48
CENTRAL OREGON	213.8353012	213.8392457	2.48
CENTRAL OREGON	247.305	247.3271716	2.48

THE DALLES-CALIFORNIA	181.6412804	181.7154863	2.48
CENTRAL OREGON	249.8734521	250.115308	2.48
CENTRAL OREGON	204.6376704	204.7591415	2.48
JOHN DAY	254.16	254.17	2.48
THE DALLES-CALIFORNIA	209.0489832	209.1059412	2.48
CENTRAL OREGON	185.7999656	185.842064	2.48
CENTRAL OREGON	250.3659331	250.3799484	2.48
CENTRAL OREGON	203.9590304	204.3325102	2.48
JOHN DAY	167.2379154	167.2832912	2.48
THE DALLES-CALIFORNIA	212.3261252	212.3910008	2.48
CENTRAL OREGON	192.3123042	192.3402951	2.48
CENTRAL OREGON	223.58951	223.6623137	2.48
CENTRAL OREGON	184.2079538	184.2895357	2.48
THE DALLES-CALIFORNIA	106.3603533	107.4901673	2.48
CENTRAL OREGON	214.6584017	214.7629202	2.48
OREGON-WASHINGTON	20.47377517	20.50187697	2.48
CENTRAL OREGON	248.5025968	248.7578351	2.48
THE DALLES-CALIFORNIA	213.0842962	213.09	2.48
CENTRAL OREGON	185.9209905	185.9474545	2.48
CENTRAL OREGON	205.2677892	205.5531349	2.48
JOHN DAY	166.7410224	166.77	2.48
CENTRAL OREGON	233.522	233.783	2.48
CENTRAL OREGON	235.7591716	235.7690712	2.48
CENTRAL OREGON	194.005	194.613	2.48
CENTRAL OREGON	226.9	227.1781156	2.48
OREGON-WASHINGTON	1.012	4.42	2.48
THE DALLES-CALIFORNIA	113.5999076	114.916	2.48
THE DALLES-CALIFORNIA	180.6270419	180.6405816	2.48
CENTRAL OREGON	196.757722	196.9567756	2.48
CENTRAL OREGON	227.794	227.8051826	2.48
OREGON-WASHINGTON	20.53496627	20.59669751	2.48
CENTRAL OREGON	234.5657134	235.4512258	2.48
THE DALLES-CALIFORNIA	74.83	80.09033838	2.48
THE DALLES-CALIFORNIA	149.6687344	150.98	2.48
THE DALLES-CALIFORNIA	164.5106054	164.62	2.48
CENTRAL OREGON	209.0051577	209.23	2.48
OREGON-WASHINGTON	19.301887	19.80143509	2.48
CENTRAL OREGON	248.8442687	248.9379313	2.48
THE DALLES-CALIFORNIA	210.0624117	210.1402121	2.48
CENTRAL OREGON	192.1021621	192.1289378	2.48
CENTRAL OREGON	207.3671946	207.5032098	2.48
THE DALLES-CALIFORNIA	215.9987212	216.1172167	2.48
CENTRAL OREGON	232.4340017	233.2177552	2.48
CENTRAL OREGON	183.78	183.8499062	2.48
CENTRAL OREGON	197.512569	197.5267013	2.48
CENTRAL OREGON	217.245	217.293	2.48
OREGON-WASHINGTON	4.42	6.19	2.48
CENTRAL OREGON	193.0216315	193.07	2.48
THE DALLES-CALIFORNIA	150.98	151.57	2.48
THE DALLES-CALIFORNIA	100.76	100.765884	2.48
CENTRAL OREGON	216.225	216.3608516	2.48
JOHN DAY	165.15661	165.312	2.48
THE DALLES-CALIFORNIA	178.17	178.4475055	2.48
CENTRAL OREGON	186.5585119	186.5756721	2.48
CENTRAL OREGON	199.787	199.7968781	2.48
CENTRAL OREGON	216.4194519	216.863	2.48
THE DALLES-CALIFORNIA	208.822	208.8265749	2.48
CENTRAL OREGON	186.8394821	186.8858975	2.48
CENTRAL OREGON	199.4663782	199.4752019	2.48
JOHN DAY	254.1	254.16	2.48
CENTRAL OREGON	230.527	230.6222129	2.48
OREGON-WASHINGTON	21.75	23.45	2.48
CENTRAL OREGON	182.6914546	182.7183171	2.48
CENTRAL OREGON	196.5923998	196.600346	2.48
CENTRAL OREGON	221.4561441	221.5778258	2.48
CENTRAL OREGON	250.8327621	251.3458346	2.48
THE DALLES-CALIFORNIA	162.0913242	162.2719414	2.48
CENTRAL OREGON	211.317729	211.3944063	2.48
THE DALLES-CALIFORNIA	177.7	177.808492	2.48
CENTRAL OREGON	192.5459403	192.5530122	2.48
CENTRAL OREGON	205	205.0313618	2.48
CENTRAL OREGON	224.5282204	224.6842162	2.48
CENTRAL OREGON	183.7230065	183.744	2.48
THE DALLES-CALIFORNIA	213.3050509	213.7597053	2.48
CENTRAL OREGON	225.3093933	225.5460693	2.48
CENTRAL OREGON	234.1068498	234.164651	2.48
CENTRAL OREGON	208.1104208	208.113	2.48

CENTRAL OREGON	252.7111164	252.7545613	2.48
THE DALLES-CALIFORNIA	184.8640282	184.9583211	2.48
CENTRAL OREGON	203.064	203.1801808	2.48
JOHN DAY	277.4000235	277.5495774	2.48
THE DALLES-CALIFORNIA	199.2164444	199.7607601	2.48
CENTRAL OREGON	185.8689971	185.9022723	2.48
CENTRAL OREGON	217.1659845	217.2390726	2.48
CENTRAL OREGON	183.9849004	184.023	2.48
THE DALLES-CALIFORNIA	162.7660946	163.5289999	2.48
THE DALLES-CALIFORNIA	164.1388045	164.1900235	2.48
CENTRAL OREGON	211.6588417	211.6702781	2.48
THE DALLES-CALIFORNIA	211.1579023	211.6373847	2.48
CENTRAL OREGON	186.9542386	187.5654083	2.48
CENTRAL OREGON	204.826	204.9749884	2.48
CENTRAL OREGON	215.4366108	215.4764085	2.48
CENTRAL OREGON	251.543471	251.7939391	2.48
THE DALLES-CALIFORNIA	182.5023264	182.7874569	2.48
CENTRAL OREGON	247.945	247.972	2.48
CENTRAL OREGON	199.0746573	199.3024983	2.48
JOHN DAY	166.551	166.6062514	2.48
THE DALLES-CALIFORNIA	195.5138934	195.5704103	2.48
CENTRAL OREGON	190.1631943	190.29092	2.48
CENTRAL OREGON	220.9433349	221.2244084	2.48
CENTRAL OREGON	182.6089157	182.6240561	2.48
THE DALLES-CALIFORNIA	74.24979073	74.83	2.48
THE DALLES-CALIFORNIA	181.9915827	182.1092283	2.48
CENTRAL OREGON	209.2368634	209.247	2.48
CENTRAL OREGON	251.5222921	251.5392376	2.48
THE DALLES-CALIFORNIA	208.8	208.8167556	2.48
CENTRAL OREGON	186.3800193	186.4693326	2.48
CENTRAL OREGON	204.59	204.6139351	2.48
JOHN DAY	254.6	255.22	2.48
CENTRAL OREGON	231.315758	231.3690966	2.48
CENTRAL OREGON	185.0289405	185.043	2.48
CENTRAL OREGON	134.29	134.292454	2.48
CENTRAL OREGON	225.5512326	225.7030458	2.48
JOHN DAY	164.2615028	164.343279	2.48
CENTRAL OREGON	233.979	234.092148	2.48
CENTRAL OREGON	185.2514339	185.4254784	2.48
CENTRAL OREGON	196.959	196.978	2.48
CENTRAL OREGON	220.0324929	220.068	2.48
THE DALLES-CALIFORNIA	151.57	152.82	2.48
CENTRAL OREGON	215.2014867	215.2545332	2.48
JOHN DAY	276.8280495	276.83677	2.48
THE DALLES-CALIFORNIA	200.5202543	200.6126295	2.48
CENTRAL OREGON	192.612	192.628	2.48
CENTRAL OREGON	207.0575982	207.207	2.48
THE DALLES-CALIFORNIA	215.7141505	215.9765291	2.48
CENTRAL OREGON	230.9613685	231.2748941	2.48
CENTRAL OREGON	235.8021612	235.9245833	2.48
THE DALLES-CALIFORNIA	100.5586721	100.76	2.48
CENTRAL OREGON	198.042	198.15	2.48
CENTRAL OREGON	220.3917208	220.4455995	2.48
CENTRAL OREGON	200.5809195	200.6351299	2.48
JOHN DAY	255.25	259.0661404	2.48
CENTRAL OREGON	214.1605698	214.5598769	2.48
JOHN DAY	163.4685203	163.808272	2.48
THE DALLES-CALIFORNIA	177.446559	177.6972004	2.48
CENTRAL OREGON	191.05	191.0942148	2.48
CENTRAL OREGON	200.866	201.0217456	2.48
THE DALLES-CALIFORNIA	213.09	213.0959928	2.48
CENTRAL OREGON	217.572	217.6217677	2.48
CENTRAL OREGON	234.2013643	234.2203819	2.48
CENTRAL OREGON	193.21	193.7505143	2.48
THE DALLES-CALIFORNIA	146.24	146.25	2.48
CENTRAL OREGON	215.7221315	215.8209301	2.48
CENTRAL OREGON	247.235586	247.276	2.48
THE DALLES-CALIFORNIA	146.25	149.194628	2.48
CENTRAL OREGON	200.7693483	200.7953261	2.48
THE DALLES-CALIFORNIA	196.3886813	197.4820397	2.48
CENTRAL OREGON	186.2052467	186.370704	2.48
CENTRAL OREGON	198.2614152	198.4384771	2.48
CENTRAL OREGON	217.3025765	217.5251457	2.48
CENTRAL OREGON	183.6635353	183.7039479	2.48
JOHN DAY	167.6309407	167.642889	2.48
THE DALLES-CALIFORNIA	199.9612384	199.9837379	2.48
CENTRAL OREGON	192.3575003	192.3810522	2.48

CENTRAL OREGON	227.217	227.241	2.48
CENTRAL OREGON	183.0544047	183.0680576	2.48
THE DALLES-CALIFORNIA	102.59	105.73	2.48
CENTRAL OREGON	208.7751479	208.813	2.48
CENTRAL OREGON	252.785244	252.8727563	2.48
THE DALLES-CALIFORNIA	164.0234884	164.1388045	2.48
CENTRAL OREGON	252.9114162	252.9268193	2.48
CENTRAL OREGON	204.396	204.476	2.48
JOHN DAY	255.22	255.25	2.48
CENTRAL OREGON	230.503	230.5177139	2.48
CENTRAL OREGON	182.566	182.5750477	2.48
CENTRAL OREGON	197.9610762	198.0098279	2.48
CENTRAL OREGON	220.812	220.934	2.48
THE DALLES-CALIFORNIA	112.83	113.5999076	2.48
THE DALLES-CALIFORNIA	162.6625266	162.7317991	2.48
THE DALLES-CALIFORNIA	164.8684334	164.9366228	2.48
CENTRAL OREGON	212.2078318	212.823	2.48
THE DALLES-CALIFORNIA	208.33	208.7944569	2.48
THE DALLES-CALIFORNIA	80.549	88.45	2.48
THE DALLES-CALIFORNIA	180.1939192	180.2409297	2.48
THE DALLES-CALIFORNIA	164.1900235	164.2532827	2.48
CENTRAL OREGON	209.6921122	209.8257161	2.48
CENTRAL OREGON	249.5788199	249.644	2.48
THE DALLES-CALIFORNIA	209.6898415	209.7095455	2.48
CENTRAL OREGON	192.3973484	192.4247497	2.48
CENTRAL OREGON	206.447	206.537	2.48
JOHN DAY	240.03	240.07	2.48
THE DALLES-CALIFORNIA	262.9754728	263.5401839	2.48
CENTRAL OREGON	233.224	233.482	2.48
CENTRAL OREGON	184.2924776	184.3463167	2.48
THE DALLES-CALIFORNIA	149.6599247	150.99	2.48
CENTRAL OREGON	222.2283758	222.6155659	2.48
THE DALLES-CALIFORNIA	180.5269243	180.5310434	2.48
CENTRAL OREGON	247.2820133	247.3016528	2.48
JOHN DAY	276.6331049	276.8069943	2.48
THE DALLES-CALIFORNIA	183.2745307	183.376029	2.48
CENTRAL OREGON	213.6046001	213.617	2.48
JOHN DAY	164.0429371	164.1162012	2.48
THE DALLES-CALIFORNIA	179.9456817	179.9770334	2.48
CENTRAL OREGON	192.7990846	192.8142433	2.48
CENTRAL OREGON	206.3496684	206.436	2.48
THE DALLES-CALIFORNIA	214.5064106	214.5342044	2.48
CENTRAL OREGON	225.8912424	226.6696242	2.48
CENTRAL OREGON	184.0886647	184.134	2.48
CENTRAL OREGON	194.8560896	195.872493	2.48
CENTRAL OREGON	190.7086231	190.899117	2.48
CENTRAL OREGON	202.5637844	202.6034085	2.48
CENTRAL OREGON	231.390069	231.428	2.48
CENTRAL OREGON	182.7462943	182.822	2.48
CENTRAL OREGON	132.5029711	132.5100235	2.48
CENTRAL OREGON	222.6540945	222.8261727	2.48
CENTRAL OREGON	249.5172411	249.5752349	2.48
CENTRAL OREGON	212.188	212.203	2.48
JOHN DAY	167.6822626	167.7073682	2.48
THE DALLES-CALIFORNIA	212.4715527	213.030508	2.48
CENTRAL OREGON	186.4862089	186.5208194	2.48
CENTRAL OREGON	205.0677482	205.074	2.48
CENTRAL OREGON	228.2465833	228.3222682	2.48
CENTRAL OREGON	234.2586348	234.4776788	2.48
CENTRAL OREGON	193.912	193.9633338	2.48
CENTRAL OREGON	215.6350692	215.664	2.48
CENTRAL OREGON	250.463	250.6250374	2.48
THE DALLES-CALIFORNIA	185.33	185.39	2.48
CENTRAL OREGON	209.431	209.451	2.48
CENTRAL OREGON	250.3271103	250.3621535	2.48
JOHN DAY	276.956	277.4000235	2.48
CENTRAL OREGON	201.8632495	202.543	2.48
JOHN DAY	166.6572978	166.6977028	2.48
THE DALLES-CALIFORNIA	212.2005819	212.285	2.48
CENTRAL OREGON	192.264	192.3	2.48
THE DALLES-CALIFORNIA	291.7252874	291.73	2.48
CENTRAL OREGON	218.1647515	218.7707615	2.48
CENTRAL OREGON	184.0250284	184.0654944	2.48
CENTRAL OREGON	214.9766446	215.005595	2.48
OREGON-WASHINGTON	19.14312311	19.28764702	2.48
CENTRAL OREGON	252.98	253.1164903	2.48
THE DALLES-CALIFORNIA	213.0569199	213.0758843	2.48

CENTRAL OREGON	190.0832176	190.1081949	2.48
CENTRAL OREGON	203.72	203.7542847	2.48
JOHN DAY	164.3868401	164.89	2.48
CENTRAL OREGON	230.0614267	230.1434502	2.48
CENTRAL OREGON	234.2382743	234.2539699	2.48
CENTRAL OREGON	197.7849016	197.7905918	2.48
CENTRAL OREGON	200.7180253	200.7608084	2.48
JOHN DAY	166.3884929	166.4149998	2.48
THE DALLES-CALIFORNIA	195.9128863	196.1116573	2.48
CENTRAL OREGON	185.9919404	186.0633125	2.48
CENTRAL OREGON	226.758	226.8929762	2.48
CENTRAL OREGON	183.2101013	183.243	2.48
CENTRAL OREGON	207.929483	208.05	2.48
OREGON-WASHINGTON	6.303720987	6.31	2.48
CENTRAL OREGON	252.5223656	252.6786398	2.48
THE DALLES-CALIFORNIA	209.2432503	209.6552099	2.48
CENTRAL OREGON	192.0476408	192.0951857	2.48
CENTRAL OREGON	205.1603733	205.1806031	2.48
THE DALLES-CALIFORNIA	151.6	152.82	2.48
CENTRAL OREGON	231.5713211	231.6794276	2.48
CENTRAL OREGON	182.6388306	182.6716227	2.48
CENTRAL OREGON	132.5100235	134.29	2.48
CENTRAL OREGON	223.9011961	224.137242	2.48
CENTRAL OREGON	252.3738985	252.4695109	2.48
THE DALLES-CALIFORNIA	162.5253746	162.5562586	2.48
CENTRAL OREGON	215.2929656	215.4033724	2.48
OREGON COAST	86.18048454	86.25843224	2.48
MT. HOOD	88.9880145	89.47	2.48
WILLAMINA-SALEM	1.664	2.44147277	2.48
KLAMATH FALLS-LAKEVIEW	90.306	90.96569824	2.48
MT. HOOD	89.87	89.88258267	2.48
SANTIAM	34.34602905	34.412	2.48
FREMONT	135.7	135.73	2.48
MT. HOOD	91.00800895	91.02785388	2.48
WILLAMINA-SALEM	5.479472652	5.691455624	2.48
OREGON COAST	49.69335926	50.52032635	2.48
OREGON COAST	86.39017241	86.42721263	2.48
WILLAMETTE	33.52984967	34.01818067	2.48
MT. HOOD	26.33	26.46750523	2.48
WILLAMETTE	85.0167606	85.15598276	2.48
KLAMATH FALLS-LAKEVIEW	91.13295997	91.75015118	2.48
FREMONT	142.63	142.753	2.48
WILLAMETTE	34.17179711	34.18517827	2.48
CORVALLIS-NEWPORT	10.0058638	10.13307932	2.48
MCKENZIE	93.66965228	93.87257318	2.48
OREGON COAST	227.3905988	227.549799	2.48
OREGON COAST	73.74556837	74.63	2.48
MCKENZIE-BEND	6.552160372	6.921608259	2.48
FREMONT	127.9664924	127.9916563	2.48
SANTIAM	36.84636913	37.09538954	2.48
WALLOWA LAKE	66.97795283	67.28759487	2.48
MCKENZIE-BEND	8.741986056	9.014392877	2.48
OREGON COAST	1.14E-13	2.814	2.48
WILLAMETTE	83.23737203	83.28149375	2.48
MT. HOOD	63.47	63.563	2.48
WILLAMETTE	62.0637136	62.07	2.48
FREMONT	130.8856851	131.1033606	2.48
MT. HOOD	82.62	84.33189871	2.48
WALLOWA LAKE	68.24499674	68.304	2.48
OREGON COAST	224.24	224.4889924	2.48
OREGON COAST	83.87117074	83.92135026	2.48
SANTIAM	31.49562721	33.05237468	2.48
MT. HOOD	32.97852864	33.01439127	2.48
MT. HOOD	91.521	91.5233541	2.48
OREGON COAST	260.4835884	261.2231667	2.48
MT. HOOD	44.9785767	44.9951591	2.48
KLAMATH FALLS-LAKEVIEW	63.40411026	82.01	2.48
FREMONT	131.1330904	131.2853286	2.48
MCKENZIE-BEND	5.0372711	5.051239551	2.48
CORVALLIS-NEWPORT	9.112033576	9.896309616	2.48
KLAMATH FALLS-LAKEVIEW	89.54693307	89.64020696	2.48
OREGON COAST	86.785	86.79806158	2.48
MT. HOOD	91.03999997	91.27902917	2.48
CORVALLIS-NEWPORT	15.053	15.17259231	2.48
SANTIAM	37.15284579	37.21728463	2.48
FREMONT	130.2085593	130.4289403	2.48
SANTIAM	33.9870313	34.02509109	2.48

FREMONT	130.8023458	130.8524747	2.48
WILLAMINA-SALEM	0.25	0.29	2.48
WALLOWA LAKE	66.45522435	66.55435065	2.48
MT. HOOD	30.04196729	30.12234739	2.48
KLAMATH FALLS-LAKEVIEW	82.05	89.4860837	2.48
OREGON COAST	86.52344584	86.5661394	2.48
WILLAMETTE	34.02876086	34.06263353	2.48
MT. HOOD	45.0455852	45.25642877	2.48
WILLAMETTE	69.41	82.69901752	2.48
OREGON COAST	89.91523889	90.043	2.48
ALBANY-CORVALLIS	6.008774256	6.121227395	2.48
OREGON COAST	86.56992607	86.68505044	2.48
MT. HOOD	89.48	89.51547629	2.48
WILLAMETTE	82.97090723	82.97804872	2.48
FREMONT	138.34	138.7019012	2.48
SANTIAM	38.20483218	39.35	2.48
WALLOWA LAKE	68.45297047	68.57809872	2.48
OREGON COAST	86.14196512	86.15783955	2.48
MCKENZIE-BEND	4.999033073	5.031134741	2.48
MT. HOOD	44.36	44.45002881	2.48
FREMONT	138.7126918	139.004	2.48
MT. HOOD	46.84	46.85	2.48
MCKENZIE-BEND	11.44987689	13.08	2.48
CORVALLIS-NEWPORT	1.841	3.070640868	2.48
FREMONT	133.4977997	133.7837343	2.48
CORVALLIS-NEWPORT	10.44303653	10.462	2.48
SANTIAM	34.61884607	35.23586245	2.48
OREGON COAST	86.28542469	86.32135572	2.48
MT. HOOD	90.67378738	90.68543505	2.48
MT. HOOD	63.61	63.8	2.48
FREMONT	139.06	139.6984388	2.48
MT. HOOD	28.04	28.06	2.48
WILLAMINA-SALEM	0.393	0.526459143	2.48
OREGON COAST	89.803	89.8080602	2.48
OREGON COAST	80.69266216	81.76250836	2.48
MT. HOOD	89.91	89.9841722	2.48
WILLAMINA-SALEM	4.116520629	4.126666276	2.48
WALLOWA LAKE	67.527	67.5565243	2.48
OREGON COAST	227.8342896	228.0154029	2.48
OREGON COAST	70.42402012	71.18308424	2.48
MT. HOOD	63.8	63.81156575	2.48
SANTIAM	19.38308883	19.97	2.48
KLAMATH FALLS-LAKEVIEW	92.40986057	92.50454475	2.48
MT. HOOD	89.90024806	89.91	2.48
MCKENZIE-BEND	10.27974001	11.44987689	2.48
OREGON COAST	90.1948478	90.3623719	2.48
OREGON COAST	74.65	75.13050009	2.48
WILLAMETTE	83.6079524	84.01043006	2.48
MT. HOOD	89.70598327	89.87	2.48
KLAMATH FALLS-LAKEVIEW	92.51512251	92.59086518	2.48
FREMONT	142.21	142.22	2.48
WILLAMINA-SALEM	0.29	0.393	2.48
CORVALLIS-NEWPORT	8.69509112	8.784	2.48
SANTIAM	34.03197274	34.15449235	2.48
KLAMATH FALLS-LAKEVIEW	89.88703579	89.99028789	2.48
FREMONT	133.39	133.4742091	2.48
SANTIAM	33.27210218	33.61062001	2.48
MT. HOOD	93.76	94.17	2.48
WILLAMINA-SALEM	0.207173406	0.229126853	2.48
OREGON COAST	84.01791461	84.10394058	2.48
MT. HOOD	46.15569236	46.76039867	2.48
WILLAMETTE	83.00260009	83.21544852	2.48
KLAMATH FALLS-LAKEVIEW	92.71099839	92.97022539	2.48
FREMONT	142.22	142.62	2.48
CORVALLIS-NEWPORT	10.95804086	11.43883497	2.48
SANTIAM	35.40506114	35.407	2.48
OREGON COAST	86.00264026	86.12107631	2.48
MCKENZIE-BEND	4.857403168	4.915428207	2.48
SANTIAM	33.10730985	33.13062731	2.48
WILLAMINA-SALEM	3.203650657	3.741212787	2.48
MCKENZIE-BEND	6.014398478	6.29028368	2.48
MT. HOOD	91.0308678	91.03999997	2.48
WILLAMINA-SALEM	4.190189372	5.453038849	2.48
WILLAMETTE	83.36418106	83.368	2.48
MT. HOOD	63.81156575	80.59	2.48
WILLAMETTE	82.93937493	82.95319889	2.48
FREMONT	131.364078	131.486	2.48

MT. HOOD	59.68130232	63.47	2.48
OREGON COAST	85.4079875	85.44973177	2.48
MT. HOOD	46.85	47.86797659	2.48
SANTIAM	37.46	38.14127362	2.48
FREMONT	142.62	142.63	2.48
MT. HOOD	93.74	93.76	2.48
WILLAMINA-SALEM	1.14E-13	0.14	2.48
MT. HOOD	48.58202532	48.62601259	2.48
CORVALLIS-NEWPORT	11.79623571	11.809	2.48
SANTIAM	33.71658627	33.98	2.48
WALLOWA LAKE	68.39402509	68.398	2.48
ALBANY-CORVALLIS	6.126708194	6.307857743	2.48
OREGON COAST	86.26296722	86.26706103	2.48
WILLAMINA-SALEM	0.300104281	1.226575007	2.48
FREMONT	135.988117	137.7207568	2.48
SANTIAM	18.67576225	19.37731796	2.48
FREMONT	133.0484243	133.339692	2.48
SANTIAM	33.677	33.693	2.48
MT. HOOD	91.48120138	91.485	2.48
OREGON COAST	226.8253499	226.8855892	2.48
OREGON COAST	85.89395416	85.90781405	2.48
MCKENZIE-BEND	7.835396419	7.91623958	2.48
MT. HOOD	91.625	91.64439832	2.48
WILLAMETTE	85.19566273	86.04	2.48
MT. HOOD	27.77093585	28.04	2.48
WILLAMINA-SALEM	1.247860828	1.344271334	2.48
CORVALLIS-NEWPORT	11.72082828	11.78341154	2.48
SANTIAM	36.45106197	36.82909048	2.48
KLAMATH FALLS-LAKEVIEW	89.80993536	89.86363035	2.48
FREMONT	128.1038855	128.2533185	2.48
SANTIAM	33.13366673	33.23871401	2.48
MT. HOOD	95.25	96.87	2.48
WILLAMETTE	83.414	83.49970559	2.48
MT. HOOD	91.333	91.36576511	2.48
WILLAMETTE	84.82187591	84.89214181	2.48
CORVALLIS-NEWPORT	15.57930376	15.62917845	2.48
KLAMATH FALLS-LAKEVIEW	90.02243815	90.09292383	2.48
FREMONT	140.2965741	140.6890604	2.48
MT. HOOD	91.29126528	91.2934328	2.48
FREMONT	134.1620103	135.7	2.48
CORVALLIS-NEWPORT	11.557	11.66391062	2.48
MCKENZIE-BEND	7.341711811	7.44	2.48
MT. HOOD	93.44699635	93.74	2.48
WILLAMINA-SALEM	2.556161345	3.173285937	2.48
MT. HOOD	44.45002881	44.57	2.48
WILLAMETTE	82.89951302	82.92472197	2.48
FREMONT	139.7989638	140.2789208	2.48
OREGON COAST	85.49306665	85.507	2.48
OREGON COAST	75.86020654	80.13293007	2.48
CORVALLIS-NEWPORT	9.017362036	9.099448019	2.48
SANTIAM	37.26513335	37.30743449	2.48
OREGON COAST	224.6579948	224.8920747	2.48
OREGON COAST	25.08663183	25.09	2.48
MT. HOOD	94.963551	95.25	2.48
OREGON COAST	74.63	74.65	2.48
MT. HOOD	30.12411268	30.23061783	2.48
WILLAMETTE	86.085	86.43009154	2.48
KLAMATH FALLS-LAKEVIEW	93.04954976	93.20562157	2.48
CORVALLIS-NEWPORT	7.693509707	8.474813516	2.48
MCKENZIE	107.657473	107.6756166	2.48
OREGON COAST	85.66278504	85.691	2.48
OREGON COAST	85.91754624	85.95043908	2.48
WILLAMETTE	84.07371433	84.50752622	2.48
MT. HOOD	90.37	90.66401766	2.48
CORVALLIS-NEWPORT	14.512	14.52058642	2.48
SANTIAM	35.33406435	35.4009117	2.48
CORVALLIS-NEWPORT	14.9120816	14.96734531	2.48
FREMONT	135.73	135.9792566	2.48
FREMONT	127.82	127.8338151	2.48
MT. HOOD	94.43	94.64053385	2.48
OREGON COAST	25.10132594	25.11306309	2.48
WILLAMETTE	62.07	69.41	2.48
MT. HOOD	46.76039867	46.84	2.48
KLAMATH FALLS-LAKEVIEW	92.60875544	92.61764014	2.48
FREMONT	128.3874735	128.3930433	2.48
CORVALLIS-NEWPORT	10.63760888	10.652	2.48
KLAMATH FALLS-LAKEVIEW	82.01	82.02	2.48

WALLOWA LAKE	68.10584988	68.16308268	2.48
MCKENZIE-BEND	9.725703984	10.27974001	2.48
WALLOWA LAKE	66.60540307	66.743	2.48
FREMONT	127.871	127.9218258	2.48
OREGON COAST	223.5543696	224.24	2.48
ALBANY-CORVALLIS	5.720577529	5.999966359	2.48
MT. HOOD	89.58390415	89.63500112	2.48
WILLAMETTE	8.101915232	11.16676554	2.48
FREMONT	131.6694128	133.0366188	2.48
OREGON COAST	83.7901235	83.80091228	2.48
MCKENZIE-BEND	6.29028368	6.528375632	2.48
WILLAMINA-SALEM	4.019517478	4.112000269	2.48
MT. HOOD	28.06	28.78055418	2.48
WILLAMETTE	33.38460178	33.45484419	2.48
MT. HOOD	44.79	44.90575165	2.48
WILLAMETTE	83.32409157	83.34488305	2.48
KLAMATH FALLS-LAKEVIEW	91.97560611	92.39887885	2.48
FREMONT	131.5294131	131.6443616	2.48
MT. HOOD	89.47	89.48	2.48
WILLAMINA-SALEM	0.14	0.25	2.48
SANTIAM	36.25551145	36.30139388	2.48
MCKENZIE	107.6879682	107.692	2.48
OREGON COAST	85.784	85.84343508	2.48
MT. HOOD	47.9695576	48.04686311	2.48
WILLAMETTE	34.57835964	34.66022641	2.48
FREMONT	140.692	140.73	2.48
FREMONT	128.3102187	128.37	2.48
MCKENZIE-BEND	4.934	4.989045072	2.48
CORVALLIS-NEWPORT	8.518174755	8.665391609	2.48
WALLOWA LAKE	67.332	67.34094608	2.48
OREGON COAST	86.69022245	86.71159144	2.48
SANTIAM	20.28354235	21.55	2.48
FREMONT	133.87617	134.1459052	2.48
MT. HOOD	97.08	100.5205658	2.48
OREGON COAST	90.07280275	90.17425806	2.48
OREGON COAST	75.13050009	75.86020654	2.48
WILLAMETTE	84.54014922	84.745	2.48
FREMONT	137.723	138.34	2.48
MT. HOOD	45.48874935	46.10634988	2.48
OREGON COAST	229.2468544	229.4274394	2.48
KLAMATH FALLS-MALIN	6.202751287	6.284240889	2.48
COOS BAY-ROSEBURG	64.2	66.34	2.48
SUNSET	3.107	3.287898413	2.48
SALMON RIVER	52.52981481	52.59	2.48
COOS BAY-ROSEBURG	52.75995706	54.07557815	2.48
SUNSET	47.92284802	48.0374078	2.48
SALMON RIVER	52.59	52.71	2.48
WARM SPRINGS	94.57039284	95.42005297	2.48
SUNSET	48.12366701	48.17032037	2.48
UMATILLA-STANFIELD	12.60721601	12.64	2.48
COOS BAY-ROSEBURG	21.98180936	22.018	2.48
SUNSET	7.014975871	7.139380839	2.48
WARM SPRINGS	89.20999273	94.57039284	2.48
SUNSET	52.0850176	52.555	2.48
SALMON RIVER	24.4	24.61	2.48
SHERMAN	40.72	43.98039989	2.48
KLAMATH FALLS-MALIN	8.202988221	10.18874605	2.48
COOS BAY-ROSEBURG	69.45196702	69.51	2.48
SUNSET	57.49002351	58.41	2.48
COOS BAY-ROSEBURG	13.58406015	13.89318028	2.48
COOS BAY-ROSEBURG	14.61829506	14.6270629	2.48
COOS BAY-ROSEBURG	14.38618861	14.39387248	2.48
UMATILLA-STANFIELD	12.624	12.79	2.48
SUNSET	2.338090385	2.579353116	2.48
SUNSET	9.40E-02	0.124473723	2.48
COOS BAY-ROSEBURG	55.52733665	56.96024853	2.48
WARM SPRINGS	104.4190602	114.73	2.48
SUNSET	48.09455229	48.10710334	2.48
SALMON RIVER	23.87755192	24.10038016	2.48
SALMON RIVER	51.76055167	52.44963271	2.48
UMATILLA-STANFIELD	12.64	12.9	2.48
SUNSET	54.93	54.98954612	2.48
WARM SPRINGS	99.56987202	101.8834113	2.48
COOS BAY-ROSEBURG	49.36	49.38	2.48
SUNSET	48.83636881	49.07723621	2.48
SALMON RIVER	27.94	29.27	2.48
COOS BAY-ROSEBURG	22.57988843	22.58587977	2.48

SHERMAN	28.44002346	40.55	2.48
SUNSET	3.821667203	3.932322841	2.48
COOS BAY-ROSEBURG	16.22519735	17.00739595	2.48
SUNSET	56.95261028	57.379	2.48
KLAMATH FALLS-MALIN	12.36	12.87474212	2.48
SALMON RIVER	24.61	24.72	2.48
SHERMAN	19.98189112	26.97095352	2.48
SUNSET	7.967330163	8.037838809	2.48
WARM SPRINGS	87.89038168	89.20999273	2.48
COOS BAY-ROSEBURG	66.34	66.35	2.48
SUNSET	4.19	4.540325714	2.48
JOHN DAY-BURNS	3.877427502	4.658	2.48
SALMON RIVER	29.27	31.72185019	2.48
COOS BAY-ROSEBURG	57.40023761	58.59	2.48
COOS BAY-ROSEBURG	67.70482482	67.78390853	2.48
SUNSET	3.44845407	3.482564758	2.48
SHERMAN	43.98039989	45.34031663	2.48
KLAMATH FALLS-MALIN	3.797489013	6.132177101	2.48
COOS BAY-ROSEBURG	67.92514682	67.94773617	2.48
COOS BAY-ROSEBURG	67.61382652	67.65774596	2.48
SUNSET	52.77876426	52.79403392	2.48
SALMON RIVER	24.72	24.94	2.48
KLAMATH FALLS-MALIN	14.49199566	14.529	2.48
SUNSET	47.559	47.59806958	2.48
COOS BAY-ROSEBURG	44.96590765	46.53	2.48
WARM SPRINGS	71.56	71.94	2.48
SUNSET	4.181189299	4.187614156	2.48
SALMON RIVER	27.94	29.28	2.48
COOS BAY-ROSEBURG	23.43	23.443	2.48
SUNSET	9.924858213	10.04727747	2.48
WARM SPRINGS	82.54	82.55	2.48
SHERMAN	28.38072939	28.44002346	2.48
WARM SPRINGS	71.45877687	71.58	2.48
SUNSET	0.229890736	0.3	2.48
COOS BAY-ROSEBURG	58.6	60.12	2.48
SUNSET	7.822395934	7.835472007	2.48
SUNSET	7.203420913	7.249688192	2.48
COOS BAY-ROSEBURG	60.12	60.14	2.48
SUNSET	53.21	53.341	2.48
JOHN DAY-BURNS	2.60095908	3.327583823	2.48
SHERMAN	15.0919345	17.94002351	2.48
COOS BAY-ROSEBURG	22.03	22.2752351	2.48
COOS BAY-ROSEBURG	66.35	67.60598213	2.48
SUNSET	10.05601681	10.09195779	2.48
COOS BAY-ROSEBURG	46.53	46.54	2.48
COOS BAY-ROSEBURG	22.68369	22.83686576	2.48
SALMON RIVER	27	27.03797459	2.48
SUNSET	54.54928297	54.93	2.48
COOS BAY-ROSEBURG	46.54	49.36	2.48
SUNSET	34.97	35.27248618	2.48
KLAMATH FALLS-MALIN	14.529	16.51	2.48
WARM SPRINGS	114.8432658	114.919	2.48
COOS BAY-ROSEBURG	61.72	64.08	2.48
SALMON RIVER	24.94	26.04013653	2.48
COOS BAY-ROSEBURG	68.05011248	68.07446645	2.48
SUNSET	8.23748702	9.195733141	2.48
SHERMAN	45.34031663	48.80671196	2.48
WARM SPRINGS	95.42005297	99.2	2.48
SUNSET	0.716233502	0.762299963	2.48
SUNSET	0.43	0.433070139	2.48
COOS BAY-ROSEBURG	49.38	52.75995706	2.48
WARM SPRINGS	102.3689321	103.3409541	2.48
SUNSET	49.1832386	49.31	2.48
JOHN DAY-BURNS	67.59097081	67.61	2.48
SUNSET	4.641337379	4.765559699	2.48
SALMON RIVER	52.44963271	52.52981481	2.48
COOS BAY-ROSEBURG	13.22980188	13.23543455	2.48
COOS BAY-ROSEBURG	69.34783577	69.449	2.48
SUNSET	7.749338313	7.818034605	2.48
COOS BAY-ROSEBURG	64.08	64.2	2.48
COOS BAY-ROSEBURG	15.41194157	15.83386309	2.48
WARM SPRINGS	71.41	71.56	2.48
SUNSET	10.12684262	10.16579655	2.48
COOS BAY-ROSEBURG	56.96024853	57.40023761	2.48
COOS BAY-ROSEBURG	22.34906409	22.357	2.48
SUNSET	53.05166044	53.21	2.48
JOHN DAY-BURNS	4.685529428	5.193116987	2.48

KLAMATH FALLS-MALIN	11.59711445	12.34161395	2.48
WARM SPRINGS	72	82.54	2.48
SUNSET	1.773191718	1.78963606	2.48
JOHN DAY-BURNS	3.505021877	3.51535533	2.48
SALMON RIVER	26.86	27	2.48
SALMON RIVER	26.77	26.86	2.48
SUNSET	55.02585722	55.33805646	2.48
WARM SPRINGS	82.55	87.89038168	2.48
SUNSET	4.937595501	5.005821869	2.48
COOS BAY-ROSEBURG	15.90983149	16.15807496	2.48
KLAMATH FALLS-MALIN	6.403705542	8.096848433	2.48
COOS BAY-ROSEBURG	22.28149724	22.32384156	2.48
SUNSET	57.44	57.49002351	2.48
SUNSET	0.394876368	0.43	2.48
SHERMAN	17.94002351	17.95016463	2.48
KLAMATH FALLS-MALIN	10.27998543	11.33509796	2.48
WARM SPRINGS	99.2	99.56987202	2.48
SUNSET	34.446	34.97	2.48
SALMON RIVER	26.04013653	26.77	2.48
COOS BAY-ROSEBURG	22.37807176	22.3940459	2.48
COOS BAY-ROSEBURG	13.96588716	14.15945279	2.48
SUNSET	2.153	2.287995809	2.48
COOS BAY-ROSEBURG	58.59	58.6	2.48
SALMON RIVER	24.10038016	24.4	2.48
SUNSET	50.87819289	50.95104354	2.48
COOS BAY-ROSEBURG	23.05236093	23.07	2.48
WARM SPRINGS	61.16543269	61.73029028	2.48
COOS BAY-ROSEBURG	23.11	23.43	2.48
JOHN DAY-BURNS	3.541579371	3.842791594	2.48
SALMON RIVER	27.277	27.94	2.48
SUNSET	53.32723261	53.48482717	2.48
SUNSET	7.552961014	7.628387125	2.48
SUNSET	55.39001893	55.83230589	2.48
PACIFIC HIGHWAY WEST	29.81	29.85	2.48
PACIFIC HIGHWAY WEST	29.79	29.81	2.48
PACIFIC HIGHWAY WEST	29.85	29.95657044	2.48
LA GRANDE-BAKER	3.90E-02	7.00E-02	2.48
PACIFIC HIGHWAY WEST	29.73	29.79	2.48
PACIFIC HIGHWAY WEST	29.56512703	29.73	2.48
LOWER COLUMBIA RIVER	79.058	79.12263745	2.48
HILLSBORO-SILVERTON	23.96520744	23.97669999	2.48
NEHALEM	80.83	81.2	2.48
LOWER COLUMBIA RIVER	82.25752301	83.31789926	2.48
NEHALEM	87.9	87.967	2.48
LOWER COLUMBIA RIVER	58.58492235	59.52568678	2.48
HILLSBORO-SILVERTON	24.9296529	24.939	2.48
LOWER COLUMBIA RIVER	78.81500348	78.83906423	2.48
HILLSBORO-SILVERTON	23.82676101	23.86952234	2.48
NORTH SANTIAM	52.56002348	55.64002349	2.48
LOWER COLUMBIA RIVER	84.80271028	85.56580009	2.48
NORTH SANTIAM	51.16002348	51.25	2.48
NORTH SANTIAM	50.93	50.94	2.48
HILLSBORO-SILVERTON	24.04614154	24.4327315	2.48
NEHALEM	86.14	86.471	2.48
NORTH SANTIAM	51.27	52.56002348	2.48
LOWER COLUMBIA RIVER	59.65463639	59.66687023	2.48
NEHALEM	87.75	87.75348845	2.48
LOWER COLUMBIA RIVER	77.05958913	77.07807218	2.48
LOWER COLUMBIA RIVER	52.84874833	53.41	2.48
NORTH SANTIAM	51.25	51.27	2.48
NEHALEM	86.51310167	86.59521947	2.48
HILLSBORO-SILVERTON	23.46435889	23.46835795	2.48
NEHALEM	86.47766133	86.50812276	2.48
LOWER COLUMBIA RIVER	59.63655415	59.64	2.48
NORTH SANTIAM	16.94	19.06	2.48
LOWER COLUMBIA RIVER	53.41	53.42	2.48
NORTH SANTIAM	19.4600074	20.88815245	2.48
HILLSBORO-SILVERTON	23.52966515	23.54743006	2.48
NEHALEM	86.12860533	86.13314786	2.48
NORTH SANTIAM	56.25	60.79	2.48
NORTH SANTIAM	56.24	56.25	2.48
NEHALEM	86.60195037	86.73024305	2.48
NEHALEM	87.87098587	87.9	2.48
NORTH SANTIAM	49.81703024	50.93	2.48
NEHALEM	80.802	81.06	2.48
NEHALEM	86.80950761	87.83810492	2.48
NEHALEM	84.31388972	85.89104569	2.48

LOWER COLUMBIA RIVER	76.35872678	76.371	2.48
NORTH SANTIAM	19.07	19.18	2.48
HILLSBORO-SILVERTON	24.56681155	24.57760816	2.48
NEHALEM	81.2	82.59003782	2.48
LOWER COLUMBIA RIVER	42	42.2	2.48
LOWER COLUMBIA RIVER	80.3802994	80.85964686	2.48
LOWER COLUMBIA RIVER	78.91226238	78.96172253	2.48
LOWER COLUMBIA RIVER	59.54592957	59.61601323	2.48
LOWER COLUMBIA RIVER	54.5	54.97	2.48
NORTH SANTIAM	19.06	19.07	2.48
NEHALEM	88.063	88.23	2.48
LOWER COLUMBIA RIVER	79.34731817	80.3802994	2.48
NORTH SANTIAM	19.18	19.4600074	2.48
LOWER COLUMBIA RIVER	42.21	42.84891475	2.48
LOWER COLUMBIA RIVER	78.28049271	78.29829644	2.48
NORTH SANTIAM	15.99487672	16.94	2.48
NORTH SANTIAM	16.94	19.18	2.48
LOWER COLUMBIA RIVER	42.2	42.21	2.48
NORTH SANTIAM	55.64002349	56.24	2.48
NEHALEM	86.07425138	86.08335622	2.48
LOWER COLUMBIA RIVER	80.85964686	81.7509501	2.48
LOWER COLUMBIA RIVER	40.74587257	41.9	2.48
NORTH SANTIAM	50.94	51.16002348	2.48
HILLSBORO-SILVERTON	24.98110646	24.99507531	2.48
LAKE OF THE WOODS	6.77	7.053942961	2.48
CORVALLIS-LEBANON	5.1	5.36	2.48
LAKE OF THE WOODS	6.306589221	6.520235643	2.48
CORVALLIS-LEBANON	9.94	9.95	2.48
CORVALLIS-LEBANON	5.470213356	5.815151048	2.48
CORVALLIS-LEBANON	10.039	10.1289315	2.48
LAKE OF THE WOODS	5.566395393	6.103302639	2.48
CORVALLIS-LEBANON	6.012400739	6.082773553	2.48
HATFIELD	16.51	18.93	2.48
LAKE OF THE WOODS	7.707068371	7.888213607	2.48
CORVALLIS-LEBANON	4.967971388	5.040559582	2.48
LAKE OF THE WOODS	6.520235643	6.680432668	2.48
CORVALLIS-LEBANON	9.95	10.021	2.48
CORVALLIS-LEBANON	10.33063777	10.38	2.48
LAKE OF THE WOODS	6.737	6.77	2.48
CORVALLIS-LEBANON	10.021	10.039	2.48
CORVALLIS-LEBANON	10.49	12.77	2.48
CORVALLIS-LEBANON	9.895704099	9.94	2.48
REED MARKET RD. CONN. NO 3	139.17	139.17	2.42
REED MARKET RD. CONN. NO 2	139.152	139.152	2.42
OREGON COAST	84.98372586	85.00840308	2.42
OREGON COAST	261.510447	261.57	2.42
OREGON COAST	50.82	50.9	2.42
OREGON COAST	273.36	273.5100235	2.42
OREGON COAST	50.7620431	50.82	2.42
OREGON COAST	273.5100235	273.6286571	2.42
JOHN DAY	161.56	161.88	2.39
E CASCADE LOCKS CONN. NO.3	44.98	45.01	2.39
CENTRAL OREGON	132.0091481	132.01	2.39
THE DALLES-CALIFORNIA	91.72999965	91.73020697	2.39
BEAVER MARSH S.R.A. CONN 3	206.84	207.05	2.39
S CENTURY DRIVE CONN. 6	152.54	152.5417965	2.39
BEAVER MARSH S.R.A. NO. 1	205.89	206.4	2.39
CHILOQUIN CONN. NO. 2	247.71	247.79	2.39
E CASCADE LOCKS CONN. NO.1	44.98	45.08	2.39
BEAVER MARSH S.R.A. CONN 2	206.84	207.07	2.39
JOHN DAY	161.5103474	161.56	2.39
WILLAMETTE CONN. NO. 2	195.37	195.4	2.39
JOHN DAY	162.581	162.6029603	2.39
BEAVER MARSH S.R.A. CONN 2	207.07	207.22	2.39
S CENTURY DRIVE CONN. 4	153.08	153.4	2.39
BEAVER MARSH S.R.A. CONN 2	206.7	206.84	2.39
JOHN DAY	154.2921051	154.4201493	2.39
E CASCADE LOCKS CONN. NO.1	44.83236931	44.98	2.39
WILLAMETTE CONN. NO. 1	194.84	195.03	2.39
S CENTURY DRIVE CONN. 5	153.33	153.58	2.39
JOHN DAY	161.88	162.0229245	2.39
WARM SPRINGS INTCHG. CONN.	57.52	57.67266668	2.39
RICKREALL INTCHGE. CONN. 2	16.88	17	2.39
WEDDERBURN JCT. CONN. NO 3	327.5	327.505	2.39
BRIDGE ST. FRONTAGE RD.	33.71	33.75	2.39
KLAMATH FALLS-LAKEVIEW	95.88	96.05	2.39
FREMONT	143.03	143.3	2.39

COOS BAY-ROSEBURG HWY CONN	245.09	245.1	2.39
UMPQUA HWY. CONN.	211.64	211.71	2.39
CANNON BEACH N. CONN. NO 2	27.68	27.756	2.39
MYERS CREEK CONN. NO. 2	337.05	337.09	2.39
RICKREALL INTCHGE. CONN. 2	16.4	16.683	2.39
KNOX O'XING CONN. NO. 5	326.3	326.39	2.39
DAVIS SLOUGH CONN.	244.483	244.497	2.39
SUNSET HWY. CONN.	25.43	25.74	2.39
WEDDERBURN JCT. CONN. NO 3	327.5	327.505	2.39
KELSO RD. CONN. 4	20.793	20.87	2.39
WEDDERBURN JCT. CONN. NO 1	327.46	327.5	2.39
OREGON COAST	328.13	328.2540249	2.39
OREGON COAST	327.8503103	328.13	2.39
OREGON COAST	163.9899992	164.06	2.39
FREMONT	142.9999995	143.03	2.39
KNOX O'XING CONN. NO. 4	326.55	326.63	2.39
SALMON RIVER HWY. CONN.	105.27	105.57	2.39
RICKREALL INTCHGE. CONN. 3	16.88	16.95	2.39
WEDDERBURN JCT. CONN. NO 3	327.5	327.53	2.39
OREGON COAST	45.48	45.501	2.39
KLAMATH FALLS-LAKEVIEW	96.05	96.0783025	2.39
KNOX O'XING CONN. NO. 1	326.34	326.4	2.39
THE DALLES-CALIF HWY CONN.	0.14	0.25	2.39
OREGON COAST	45.45064635	45.48	2.39
RICKREALL INTCHGE. CONN. 2	16.88	16.891	2.39
RICKREALL INTCHGE. CONN. 2	16.683	16.88	2.39
OREGON COAST	211.58	211.64	2.39
CANNON BEACH N. CONN. NO 2	27.65	27.68	2.39
HUNTER CREEK CONN. NO. 2	330.19	330.32	2.39
OREGON COAST	211.64	211.72	2.39
S. ELGIN FRONTAGE RD.	19.07	19.21	2.39
COOS BAY-ROSEBURG HWY CONN	244.93	245.09	2.39
CANNON BEACH N. CONN. NO 2	27.756	28.06	2.39
RICKREALL INTCHGE. CONN. 3	16.88	16.892	2.39
WEDDERBURN JCT. CONN. NO 3	327.5	327.505	2.39
CANNON BEACH N. CONN. NO 2	27.63	27.65	2.39
OREGON COAST	273.6304725	273.89	2.39
OREGON COAST	164.6331459	164.7800003	2.39
MCKENZIE	92.30002345	92.38	2.39
KNOX O'XING CONN. NO. 1	326.4	326.42	2.39
CANNON BEACH N. CONN. NO 3	28.35	28.57	2.39
CLINE FALLS HWY CONN.	107.36	107.47	2.39
RICKREALL INTCHGE. CONN. 1	15.85	16.14	2.39
MCKENZIE	92.19999988	92.23	2.39
OREGON COAST	51.24595369	51.42	2.39
OREGON COAST	127.4966993	127.5040318	2.39
KNOX O'XING CONN. NO. 2	326.39	326.43	2.39
KLAMATH FALLS-LAKEVIEW	96.13752825	96.37	2.39
OREGON COAST	211.4598757	211.52	2.39
OREGON COAST	211.52	211.58	2.39
INDEPENDENCE HWY CONN.	20.33	20.37	2.39
MCKENZIE	92.38	92.38244577	2.39
MCKENZIE	92.23	92.30002345	2.39
CANNON BEACH N. CONN. NO 1	28.11	28.47	2.39
OREGON COAST	156.2341916	156.2499851	2.39
UMPQUA	0.246584354	0.33	2.39
JOHN DAY-BURNS	1.953462671	2	2.39
UMPQUA	57.05977816	57.23014046	2.39
COOS BAY-ROSEBURG	21.061	21.065	2.39
SHERMAN	18.37024726	18.43	2.39
KLAMATH FALLS-MALIN	13.63	13.63381621	2.39
COOS BAY-ROSEBURG	20.85	20.99	2.39
SHERMAN	27.40002355	27.66	2.39
FORT HILL RD. CONN. NO. 2	24.71	24.90770178	2.39
COAST HWY CONN.	0.11	0.19	2.39
FULTON CANYON CONN. NO. 1	8.61	8.8	2.39
KLAMATH FALLS-MALIN	13.7028841	13.73	2.39
COOS BAY-ROSEBURG	20.99	21.05748105	2.39
UMPQUA	0.63	0.680205904	2.39
JOHN DAY-BURNS	2.361561348	2.369717246	2.39
N. PLAINS CONN. NO. 3	57.15	57.38	2.39
UMPQUA	0.557	0.62	2.39
WILLAMINA-SALEM HWY CONN.	27.14	27.14317163	2.39
JOHN DAY-BURNS	0.13	0.18	2.39
N. PLAINS CONN. NO. 5	56.92617416	56.93	2.39
SHERMAN	27.66	27.85	2.39
NEHALEM HWY. CONN. NO. 1	49.1	49.13007777	2.39

SHERMAN	27.93	28.009	2.39
KLAMATH FALLS-MALIN	14.37	14.48999965	2.39
POWERS HWY CONN.	23.72	23.86	2.39
UMPQUA	0.62	0.63	2.39
COOS BAY-ROSEBURG	21.46326256	21.56	2.39
JOHN DAY-BURNS	2.018064546	2.07	2.39
DERSHAM RD. CONN. NO. 1	55.01	55.22	2.39
JOHN DAY-BURNS	2.445133108	2.529728687	2.39
SALMON RIVER	-0.11	-4.10E-02	2.39
KLAMATH FALLS-MALIN	13.59	13.63	2.39
UMPQUA	7.00E-02	0.246584354	2.39
COAST HWY CONN.	0.188281334	0.19	2.39
UMPQUA	1.14E-13	7.00E-02	2.39
MT. HOOD HWY CONN.	57.75	58.04956926	2.39
COOS BAY-ROSEBURG	21.56	21.60013374	2.39
JOHN DAY-BURNS	1.861	1.94	2.39
SHERMAN	18.57	18.70034493	2.39
NEHALEM HWY. CONN. NO. 2	49.116	49.23	2.39
SHANIKO JCT. CONN.	68.54	68.61	2.39
UMPQUA	0.33	0.53	2.39
OREGON COAST HWY CONN.	0.25	0.43	2.39
KLAMATH FALLS-MALIN	13.80392499	14.37	2.39
N. PLAINS CONN. NO. 1	56.98	57.17	2.39
SHERMAN	27.85	27.93	2.39
SHERMAN	27.39971903	27.40002355	2.39
UMPQUA	0.53	0.557	2.39
COUNTY RD. CONN. NO. 1	19.67	19.78	2.39
OREGON COAST HWY CONN.	7.00E-02	0.13	2.39
WILLAMINA-SALEM HWY CONN.	27.14	27.14317163	2.39
SALMON RIVER	-0.189948435	-0.11	2.39
DERSHAM RD. CONN. NO. 3	55.19	55.43	2.39
JOHN DAY-BURNS	2.07	2.109870059	2.39
FORT HILL RD. CONN. NO. 1	24.73521656	24.88	2.39
FULTON CANYON CONN. NO. 2	9.05	9.27	2.39
N. PLAINS CONN. NO. 5	56.92617416	56.93	2.39
W. SALMON RIVER HWY CONN.	39.51662552	39.51662552	2.39
	9.951750817	9.951750821	2.39
SHAW-AUMSVILLE CONN. NO. 3	8.980557127	9.00853965	2.39
NEHALEM	87.9	87.903	2.39
NEHALEM	82.7499904	82.85	2.39
KIRSCH INTCHG. CONN.	15.6	15.64	2.39
WAUNA CONN. NO. 3	72.68	72.86	2.39
WILLAMINA-SALEM HWY.CONN.2	57.56	58.06	2.39
LOWER COLUMBIA RIVER	61.2800238	61.31	2.39
SANTIAM JUNCTION CONN.	81.49	81.62	2.39
LOWER COLUMBIA RIVER	61.88532508	61.89028039	2.39
WAUNA CONN. NO. 5	72.46	72.58	2.39
WAUNA CONN. NO. 4	72.86	73.04	2.39
FERN RIDGE RD. CONN. NO. 2	14.4	14.40229658	2.39
NEHALEM	88.69	88.692	2.39
NEHALEM	87.9	87.91	2.39
SHAW-AUMSVILLE CONN. NO. 1	8.9	8.935	2.39
WAUNA CONN. NO. 1	72.51	72.69	2.39
LOWER COLUMBIA RIVER	61.31	61.37453222	2.39
WILSON RIVER HWY CONN NO 2	84.17851925	84.19	2.39
SHAW-AUMSVILLE CONN. NO. 3	8.980557082	8.980557127	2.39
WILSON RIVER HWY CONN NO 1	83.71	83.94	2.39
WILSON RIVER HWY CONN NO 1	83.62	83.71	2.39
NEHALEM	83.3545725	83.38885472	2.39
NEHALEM	87.758	87.9	2.39
WILLAMINA-SALEM HWY CONN 1	57.28	57.84	2.39
LOWER COLUMBIA RIVER	61.20552966	61.23002349	2.39
NEHALEM	88.611	88.66	2.39
NEHALEM	88.657	88.66	2.39
NEHALEM	87.894	87.9	2.39
LOWER COLUMBIA RIVER	61.23002349	61.2800238	2.39
NEHALEM	82.85	82.85600371	2.39
FERN RIDGE RD. CONN. NO. 2	14.4	14.40229658	2.39
NEHALEM	88.66	88.69	2.39
POWERS JCT. CONN.	0.13	0.136376669	2.39
JOSEPH-WALLOWA LAKE	5.780234062	5.91	2.39
JOSEPH-WALLOWA LAKE	5.97	6.38	2.39
FULTON CANYON RD CONN NO 2	14.8	15.1	2.39
WILLAMINA-SALEM HWY CONN.	4.00E-02	0.19	2.39
POWERS JCT. CONN.	0.13	0.136376669	2.39
THE DALLES-CALIF HY CONN 1	3.24	3.37	2.39
JOSEPH-WALLOWA LAKE	6.55	6.72	2.39

JOSEPH-WALLOWA LAKE	5.91	5.97	2.39
WALLOWA LAKE S.P. CONN.	5.93	5.96	2.39
JOSEPH-WALLOWA LAKE	6.72	6.94	2.39
THE DALLES-CALIF HY CONN 2	3.36	3.63	2.39
JOSEPH-WALLOWA LAKE	6.38	6.55	2.39
POWERS JCT. CONN.	0.13	0.38	2.39
FULTON CANYON RD CONN NO 1	14.67	14.89	2.39
PACIFIC	71.22344744	71.36	2.12
PACIFIC	192.659579	192.659579	2.12
PACIFIC	107.971	107.99	2.12
PACIFIC	108.343	108.37	2.12
PACIFIC	66.35199709	66.55	2.12
PACIFIC	99.53646337	99.78906832	2.12
PACIFIC	71.42	71.57	2.12
PACIFIC	71.57	71.63551697	2.12
PACIFIC	131.6277579	131.9821185	2.12
PACIFIC	71.388	71.59	2.12
PACIFIC	71.59	71.60250578	2.12
PACIFIC	108.43	108.4834187	2.12
PACIFIC	107.99	108.317	2.12
PACIFIC	108.37	108.47	2.12
PACIFIC	71.19516525	71.34	2.12
PACIFIC	131.6407123	131.9675969	2.12
PACIFIC	66.64	66.79444091	2.12
PACIFIC	99.5490897	99.80074945	2.12
PACIFIC	108.0105457	108.343	2.12
PACIFIC	66.55	66.74480505	2.12
PACIFIC	71.36	71.42	2.12
PACIFIC	66.36670118	66.64	2.12
PACIFIC	108.47	108.49	2.12
PACIFIC	195.4399996	195.44	2.12
PACIFIC	108.317	108.43	2.12
PACIFIC	71.34	71.388	2.12
OLD OREGON TRAIL	233.984	234.0733574	2.12
OLD OREGON TRAIL	235.8563254	235.9856458	2.12
OLD OREGON TRAIL	215.6292826	215.7668157	2.12
OLD OREGON TRAIL	233.93	234.0323713	2.12
OLD OREGON TRAIL	188.84	188.9025885	2.12
OLD OREGON TRAIL	233.64	233.93	2.12
OLD OREGON TRAIL	233.5898452	233.81	2.12
OLD OREGON TRAIL	188.807	188.914875	2.12
OLD OREGON TRAIL	188.568857	188.64	2.12
OLD OREGON TRAIL	188.64	188.84	2.12
OLD OREGON TRAIL	237.4953929	237.6911183	2.12
OLD OREGON TRAIL	233.81	233.984	2.12
OLD OREGON TRAIL	188.58	188.807	2.12
OLD OREGON TRAIL	233.5481005	233.64	2.12
OLD OREGON TRAIL	188.531584	188.58	2.12
LAKESIDE FRONTAGE RD.	223.3425256	223.6939497	2.12
SANTIAM	31.32002346	31.356	2.12
SANTIAM	31.318	31.32002346	2.12
SWIFT CONN. NO. 1	6.536620407	6.536620407	2.12
PACIFIC HIGHWAY WEST	41.69338568	41.95	2.12
BELTLINE	12.74615398	12.74615398	2.12
PACIFIC HIGHWAY EAST	23.99997137	24.38199559	2.12
SWIFT CONN. NO. 1	6.536620407	6.536620407	2.12
BELTLINE	12.76510698	12.76510699	2.12
PACIFIC HIGHWAY EAST	22.90011333	23.1882724	2.12
BELTLINE	12.74552339	12.74552345	2.12
PACIFIC HIGHWAY EAST	18.31032018	18.8814999	2.12
SWIFT CONN. NO. 1	6.536620407	6.536620407	2.12
PACIFIC HIGHWAY EAST	23.85944226	23.99997137	2.12
SWIFT CONN. NO. 1	6.536620407	6.536620407	2.12
PENDLETON	5.559683371	5.560023558	2.12
PACIFIC HIGHWAY EAST	19.26002348	19.26020368	2.12
PACIFIC HIGHWAY WEST	41.95	42.19335028	2.12
CLACKAMAS	19.8300254	20.38993207	2.12
CASCADE HWY SOUTH	10.17772875	10.22353782	2.12
CASCADE HWY SOUTH	12.33	12.35	2.12
CLACKAMAS	20.95002347	21.5369731	2.12
CASCADE HWY SOUTH	9.16	9.396501173	2.12
CLACKAMAS	18.55013436	18.93017883	2.12
CASCADE HWY SOUTH	13.44794368	13.45243667	2.12
NEHALEM	62.59002352	62.66	2.12
CASCADE HWY SOUTH	7.99	8.255524344	2.12
CASCADE HWY SOUTH	12.45869705	13.02	2.12
CASCADE HWY SOUTH	9.12	9.16	2.12

CLACKAMAS	19.15580436	19.8300254	2.12
CASCADE HWY SOUTH	11.74220297	12.33	2.12
NEHALEM	62.31030116	62.59002352	2.12
CASCADE HWY SOUTH	13.02	13.03094332	2.12
NEHALEM	62.66	62.77	2.12
CASCADE HWY SOUTH	7.96	7.99	2.12
CLACKAMAS	20.38993207	20.95002347	2.12
CASCADE HWY SOUTH	16.34002354	16.34061689	2.12
CASCADE HWY SOUTH	13.46446007	13.53472627	2.12
CLACKAMAS	10.5352899	10.552	2.12
CASCADE HWY SOUTH	13.11948867	13.12665123	2.12
NEHALEM	62.77	62.78583837	2.12
CASCADE HWY SOUTH	8.872154992	9.12	2.12
WOODBURN-ESTACADA	7.461149169	7.739860285	2.12
SALEM-DAYTON	14.92593121	15.22617055	2.12
EAGLE CREEK-SANDY	3.266624812	3.370023471	2.12
COQUILLE-BANDON	1.00E-02	2.00E-02	2.12
EAGLE CREEK-SANDY	3.370023471	3.394796286	2.12
EAGLE CREEK-SANDY	3.217643955	3.22764953	2.12
UMATILLA MISSION	4.44	4.458691748	2.12
EAGLE CREEK-SANDY	1.631796194	1.832763558	2.12
UMATILLA MISSION	4.352702813	4.44	2.12
COQUILLE-BANDON	2.00E-02	5.00E-02	2.12
UMATILLA MISSION	4.44	4.494444733	2.12
EAGLE CREEK-SANDY	1.162307725	1.18	2.12
EAGLE CREEK-SANDY	2.266	2.273	2.12
EAGLE CREEK-SANDY	4.572001764	4.77	2.12
EAGLE CREEK-SANDY	2.011064867	2.118861459	2.12
EAGLE CREEK-SANDY	3.630757676	3.881248676	2.12
EAGLE CREEK-SANDY	1.18	1.21	2.12
EAGLE CREEK-SANDY	1.21	1.55	2.12
COQUILLE-BANDON	5.00E-02	0.16775208	2.12
EAGLE CREEK-SANDY	3.429450789	3.465483361	2.12
EAGLE CREEK-SANDY	3.597052945	3.609374368	2.12
PACIFIC	76.583	76.77166881	2.09
PACIFIC	98.1	98.28392124	2.09
PACIFIC	113.7124945	113.7578895	2.09
PACIFIC	76.031	76.12917724	2.09
PACIFIC	247.5884395	248.22	2.09
WEAVER RD. CONN. NO. 2	106.702	106.723	2.09
PACIFIC	76.39723679	76.617	2.09
WEAVER RD. CONN. NO. 2	106.6767771	106.702	2.09
PACIFIC	105.2183122	105.737485	2.09
PACIFIC	113.25	113.2641498	2.09
PACIFIC	75.70476401	75.83	2.09
PACIFIC	105.2144784	105.7134047	2.09
PACIFIC	97.79057279	97.97	2.09
PACIFIC	75.79	76.031	2.09
PACIFIC	114.2260157	114.2264398	2.09
PACIFIC	64.874	65.04966088	2.09
PACIFIC	114.1972817	114.212	2.09
PACIFIC	64.848	65.06166434	2.09
PACIFIC	97.80914531	98.1	2.09
PACIFIC	75.83	76.022	2.09
PACIFIC	112.7644186	113.2	2.09
PACIFIC	76.38845673	76.583	2.09
PACIFIC	75.70681869	75.79	2.09
PACIFIC	76.022	76.11152159	2.09
PACIFIC	247.5658223	248.15	2.09
WEAVER RD. CONN. NO. 2	106.723	106.94	2.09
PACIFIC	76.617	76.80484045	2.09
PACIFIC	97.97	98.2607581	2.09
PACIFIC	248.15	248.409	2.09
PACIFIC	64.33812785	64.848	2.09
PACIFIC	63.17	63.67062372	2.09
PACIFIC	112.8172455	113.25	2.09
PACIFIC	113.7235635	113.7556815	2.09
PACIFIC	64.407825	64.874	2.09
COLUMBIA RIVER	164.149	164.41	2.09
BIGGS-RUFUS FRONTAGE RD.	104.56	108.1400235	2.09
HISTORIC COL.RIV.HWY. NO 1	35.35855861	35.37	2.09
COLUMBIA RIVER	43.52335733	43.621	2.09
COLUMBIA RIVER	163.6363258	163.9	2.09
COLUMBIA RIVER	137.809	138.0155174	2.09
COLUMBIA RIVER	163.9	164.149	2.09
FOREST LANE CONN. NO. 1	46.36	46.46	2.09
COLUMBIA RIVER	69.18234668	69.57055249	2.09

COLUMBIA RIVER	69.97030152	69.99	2.09
FOREST LANE CONN. NO. 1	46.351	46.36	2.09
FOREST LANE CONN. NO. 1	46.33	46.351	2.09
COLUMBIA RIVER	163.9	164.164	2.09
COLUMBIA RIVER	186.8492074	186.8499996	2.09
COLUMBIA RIVER	43.575	44.85800659	2.09
COLUMBIA RIVER	43.621	44.88919254	2.09
COLUMBIA RIVER	137.6362689	137.809	2.09
COLUMBIA RIVER	137.6550242	137.809	2.09
COLUMBIA RIVER	137.809	138.003	2.09
COLUMBIA RIVER	163.6696606	163.9	2.09
COLUMBIA RIVER	138.003	138.0167562	2.09
COLUMBIA RIVER	186.8499996	186.8500235	2.09
COLUMBIA RIVER	69.1824496	69.57238899	2.09
COLUMBIA RIVER	43.46830028	43.575	2.09
COLUMBIA RIVER	164.41	165.2325244	2.09
COLUMBIA RIVER	164.41	165.2248115	2.09
COLUMBIA RIVER	164.164	164.41	2.09
COLUMBIA RIVER	69.98120477	70.45512695	2.09
COLUMBIA RIVER	69.99	70.44046047	2.09
BIGGS-RUFUS FRONTAGE RD.	108.1400235	109.5698927	2.09
JOHN DAY	64.37	78.56	2.09
JOHN DAY	93.34733091	95.39	2.09
OLD OREGON TRAIL	252.65	252.828	2.09
JOHN DAY	39.14136741	43.61	2.09
CENTRAL OREGON	258.8689329	262.6672464	2.09
CAYUSE-ADAMS FRONTAGE RD.	11.64	11.8483764	2.09
JOHN DAY	105.44	108.02	2.09
OREGON-WASHINGTON	24.906	24.98002352	2.09
THE DALLES-CALIFORNIA	42.93	42.96002351	2.09
JOHN DAY	18.03	18.51349084	2.09
JOHN DAY	1.11	1.13	2.09
THE DALLES-CALIFORNIA	39.33	42.31	2.09
THE DALLES-CALIFORNIA	37.76	37.77	2.09
OLD OREGON TRAIL	284.8630867	285.5004879	2.09
JOHN DAY	17.13444529	17.147	2.09
STANTON BLVD. CONN. NO. 3	371.35	371.442	2.09
THE DALLES-CALIFORNIA	3.310034847	5.80991663	2.09
JOHN DAY	51.01	57.35863549	2.09
OLD OREGON TRAIL	252.824	252.9682709	2.09
JOHN DAY	19.14748334	19.151	2.09
JOHN DAY	43.61	43.63	2.09
JOHN DAY	1.26	1.27	2.09
JOHN DAY	78.56	86.71	2.09
OLD OREGON TRAIL	285.9445401	286.2652954	2.09
JOHN DAY	19.03446321	19.07674572	2.09
JOHN DAY	19.46839166	19.52457341	2.09
OLD OREGON TRAIL	252.828	252.969	2.09
CENTRAL OREGON	266.47	266.5679857	2.09
JOHN DAY	17.165	17.192	2.09
STANTON BLVD. CONN. NO. 3	371.442	371.461	2.09
JOHN DAY	123.98	124.17	2.09
THE DALLES-CALIFORNIA	67.02	67.17	2.09
JOHN DAY	0.31	0.320000303	2.09
JOHN DAY	1.140023459	1.24	2.09
JOHN DAY	50.96	51.01	2.09
JOHN DAY	95.39	95.4	2.09
OLD OREGON TRAIL	252.0355966	252.56	2.09
JOHN DAY	19.09932851	19.12658722	2.09
JOHN DAY	105.23	105.4	2.09
JOHN DAY	3.83E-02	0.31	2.09
JOHN DAY	17.55880576	17.797	2.09
JOHN DAY	19.24709036	19.26	2.09
THE DALLES-CALIFORNIA	27.88	33.89	2.09
THE DALLES-CALIFORNIA	42.96002351	44.07399909	2.09
JOHN DAY	17.03059762	17.11	2.09
CENTRAL OREGON	265.29	265.5	2.09
JOHN DAY	19.54505458	19.57268704	2.09
THE DALLES-CALIFORNIA	5.80991663	6.050205658	2.09
TOWER RD. CONN. NO. 2	159.35	159.5	2.09
JOHN DAY	64.36	64.37	2.09
THE DALLES-CALIFORNIA	6.050205658	12.2646077	2.09
OLD OREGON TRAIL	252.0328179	252.65	2.09
JOHN DAY	1.24	1.26	2.09
JOHN DAY	0.98	1.11	2.09
STANTON BLVD. CONN. NO. 3	371.25	371.35	2.09
THE DALLES-CALIFORNIA	33.89	37.76	2.09

OLD OREGON TRAIL	285.919	286.251	2.09
JOHN DAY	17.318	17.541	2.09
OLD OREGON TRAIL	284.8191908	285.4439738	2.09
JOHN DAY	0.609999762	0.72	2.09
JOHN DAY	59.782	64.36	2.09
JOHN DAY	88.13	91.58502306	2.09
OLD OREGON TRAIL	252.56	252.824	2.09
THE DALLES-CALIFORNIA	13.77327818	14.3	2.09
JOHN DAY	44.99	49.14	2.09
JOHN DAY	49.29	50.96	2.09
THE DALLES-CALIFORNIA	143.6800235	143.987	2.09
THE DALLES-CALIFORNIA	279.3500235	279.37	2.09
THE DALLES-CALIFORNIA	46.43116074	46.947	2.09
JOHN DAY	19.19648945	19.22878499	2.09
JOHN DAY	19.37260141	19.40891298	2.09
THE DALLES-CALIFORNIA	42.43	42.9	2.09
THE DALLES-CALIFORNIA	3.149900434	3.310034847	2.09
JOHN DAY	0.72	1.12	2.09
JOHN DAY	19.60502128	19.681	2.09
THE DALLES-CALIFORNIA	2.010023457	3.149900434	2.09
JOHN DAY	108.14	123.69	2.09
THE DALLES-CALIFORNIA	14.3	22.85	2.09
CENTRAL OREGON	265.5	265.5900002	2.09
JOHN DAY	1.12	1.13	2.09
JOHN DAY	19.17005525	19.18725383	2.09
JOHN DAY	95.56	105.23	2.09
JOHN DAY	1.27	1.357891236	2.09
THE DALLES-CALIFORNIA	42.34	42.43	2.09
JOHN DAY	18.832	18.87870735	2.09
THE DALLES-CALIFORNIA	47.48533873	67.02	2.09
JOHN DAY	43.63	44.51	2.09
JOHN DAY	17.84404475	18.02598918	2.09
STANTON BLVD. CONN. NO. 3	371.461	371.64	2.09
THE DALLES-CALIFORNIA	42.31	42.34	2.09
CENTRAL OREGON	265.2089382	265.29	2.09
JOHN DAY	18.75489532	18.79869222	2.09
JOHN DAY	19.85470626	37.31593024	2.09
JOHN DAY	95.51	95.56	2.09
THE DALLES-CALIFORNIA	22.85	23	2.09
JOHN DAY	17.123	17.132	2.09
JOHN DAY	0.97	0.98	2.09
JOHN DAY	19.778	19.83314199	2.09
THE DALLES-CALIFORNIA	91.138	91.15002354	2.09
JOHN DAY	1.13	1.140023459	2.09
GREEN SPRINGS	32.3	36.38	2.09
WESTFIR FRONTAGE RD.	31.78535232	31.82	2.09
ALSEA	32.27872688	32.30423781	2.09
CROOKED RIVER	19.72	40.36	2.09
ALSEA	46.18890951	46.204	2.09
CRATER LAKE	84.22	84.22828175	2.09
ALSEA	40.903	40.9213685	2.09
THREE RIVERS	3.35	3.4	2.09
FREMONT	120.43	120.53	2.09
TUALATIN VALLEY	28.46	28.49	2.09
ALSEA	27.63328501	27.68181872	2.09
BAKER-COPPERFIELD	42.26984431	42.641	2.09
CRATER LAKE	18.19002349	19.18	2.09
GREEN SPRINGS	22.17459484	32.27	2.09
TUALATIN VALLEY	35.22147221	35.89737089	2.09
ALSEA	48.52289359	48.608	2.09
MCKENZIE	70.85	70.87	2.09
CRATER LAKE	83.63	83.74910848	2.09
ALSEA	43.78373189	44.2607674	2.09
CRATER LAKE	103.72	103.79	2.09
CRATER LAKE	83.94477039	84.21	2.09
CRATER LAKE	87.63070302	87.64705939	2.09
ALSEA	28.43010495	28.43583716	2.09
CRATER LAKE	32.19	32.2	2.09
ALSEA	55.51992169	55.52002347	2.09
CRATER LAKE	12.56812327	13.36002352	2.09
SANTIAM	6.47	6.478000815	2.09
ALSEA	50.835	50.85093553	2.09
FREMONT	0.14	45.87	2.09
ALSEA	30.3748715	31.28213016	2.09
TUALATIN VALLEY	23.65	24.83891229	2.09
CRATER LAKE	38.82	38.84	2.09
MT. HOOD	20.05002347	20.101	2.09

ALSEA	35.583308	35.60761657	2.09
BAKER-COPPERFIELD	20.29	31.32	2.09
CRATER LAKE	31.40024468	31.5900223	2.09
CRATER LAKE	103.72	103.95	2.09
SANTIAM	6.466	6.47	2.09
ALSEA	46.81443535	47.21841038	2.09
CRATER LAKE	87.587	87.62019815	2.09
GREEN SPRINGS	49.0668035	49.29655608	2.09
ALSEA	33.04979526	33.11378431	2.09
BAKER-COPPERFIELD	32.01	41.271	2.09
ALSEA	51.248	51.25769344	2.09
CRATER LAKE	84.21	84.22	2.09
ALSEA	45.56717845	45.79874051	2.09
SANTIAM	8.54	11.39	2.09
ALSEA	47.934	48.08367232	2.09
TUALATIN VALLEY	38.44	38.46	2.09
ALSEA	42.95959884	42.98439133	2.09
TUALATIN VALLEY	35.1554026	35.15815194	2.09
ALSEA	31.30074882	31.45131352	2.09
CROOKED RIVER	40.36	40.37	2.09
ALSEA	46.3622983	46.40521205	2.09
ALSEA	43.23928291	43.77343538	2.09
FREMONT	48.1	97.69442719	2.09
TUALATIN VALLEY	31.60255707	33.39	2.09
OREGON COAST	12.91002349	12.923	2.09
CRATER LAKE	19.25	19.51	2.09
ALSEA	40.68140813	40.80471968	2.09
BAKER-COPPERFIELD	53.55	54.18	2.09
CRATER LAKE	87.649	89.71963308	2.09
ENTERPRISE-LEWISTON	34.175	34.17783562	2.09
CRATER LAKE	26.91	29.35	2.09
ALSEA	27.72451588	27.759	2.09
BAKER-COPPERFIELD	31.32	31.73	2.09
GREEN SPRINGS	47.37764862	47.39621165	2.09
ALSEA	50.47888381	50.50520156	2.09
THREE RIVERS	0.391	3.35	2.09
MCKENZIE	70.87	89.22	2.09
FREMONT	47.59	48.08	2.09
ALSEA	36.828	36.83449914	2.09
CROOKED RIVER	15.4	15.41	2.09
CRATER LAKE	38.84	43.15071571	2.09
GREEN SPRINGS	44.17	46.94816178	2.09
ALSEA	1.6400235	1.75	2.09
CRATER LAKE	86.1339678	86.23734195	2.09
GREEN SPRINGS	50.65	54.45724247	2.09
ALSEA	46.23470927	46.25048441	2.09
THREE RIVERS	3.4	10.63	2.09
CRATER LAKE	83.81694936	83.93269102	2.09
ALSEA	0.659857134	1.6400235	2.09
TUALATIN VALLEY	38.51134884	38.53002354	2.09
GREEN SPRINGS	49.899104	49.917	2.09
FREMONT	99.305	109.38	2.09
TUALATIN VALLEY	28.49	31.06659272	2.09
ALSEA	32.45994034	32.46525555	2.09
CROOKED RIVER	42.4	42.51	2.09
CRATER LAKE	19.51	19.78	2.09
ALSEA	52.06336992	52.22628125	2.09
GREEN SPRINGS	32.27	32.3	2.09
SANTIAM	6.48	6.492	2.09
ALSEA	47.25944171	47.28996408	2.09
GREEN SPRINGS	50.01	50.19	2.09
MCKENZIE	91.27	91.39	2.09
ALSEA	37.63224263	37.65046149	2.09
BAKER-COPPERFIELD	43.26	43.28	2.09
MCKENZIE	91.39	91.42	2.09
ALSEA	41.92147703	41.95487415	2.09
BAKER-COPPERFIELD	54.18	54.39	2.09
ENTERPRISE-LEWISTON	24.8	33.76	2.09
ENTERPRISE-LEWISTON	35.8	42.29373936	2.09
ALSEA	51.79850466	51.89905571	2.09
TUALATIN VALLEY	27.08021193	28.46	2.09
ALSEA	42.99892234	43.178	2.09
THREE RIVERS	23.845	24.97	2.09
ALSEA	51.193	51.24	2.09
OREGON COAST	362.6000235	362.649	2.09
SANTIAM	6.492	6.55	2.09
ALSEA	51.73	51.75433498	2.09

CRATER LAKE	86.86434758	86.87385476	2.09
ALSEA	45.30391355	45.36992412	2.09
TUALATIN VALLEY	38.46	38.51134884	2.09
CRATER LAKE	19.78	19.86235256	2.09
ALSEA	33.53460856	33.97846297	2.09
ALSEA	13.19	16.51	2.09
ALSEA	38.187	38.53614053	2.09
ALBANY-CORVALLIS	8.414	8.420023486	2.09
TUALATIN VALLEY	34.87749218	34.94002349	2.09
CRATER LAKE	15.77003629	16.15009789	2.09
ALSEA	31.70387695	31.707	2.09
CROOKED RIVER	1.9	15.4	2.09
CRATER LAKE	36.64	37.65	2.09
GREEN SPRINGS	49.92032784	50.01	2.09
OREGON COAST	352.158	352.1900235	2.09
ALSEA	31.533	31.576	2.09
CRATER LAKE	98.55	103.72	2.09
GREEN SPRINGS	48.67446145	48.90110171	2.09
ALSEA	48.426	48.46258756	2.09
ALSEA	1.75	1.894	2.09
TUALATIN VALLEY	38.53002354	38.96410138	2.09
GREEN SPRINGS	49.8601776	49.88	2.09
FREMONT	45.9	47.35	2.09
ALSEA	39.17358816	39.2664263	2.09
ALSEA	51.16707238	51.187	2.09
THREE RIVERS	0.389613203	0.391	2.09
SANTIAM	4.72	6.423794893	2.09
ALSEA	46.106	46.13904743	2.09
THREE RIVERS	10.71	10.95457062	2.09
CRATER LAKE	85.48614923	85.52372354	2.09
FREMONT	45.87	45.9	2.09
GREEN SPRINGS	9.079895759	20.618	2.09
BAKER-COPPERFIELD	20.26	20.29	2.09
MCKENZIE	91.09	91.14062383	2.09
ALSEA	45.05484801	45.11834964	2.09
THREE RIVERS	10.69	10.71	2.09
TUALATIN VALLEY	33.43	34.08977643	2.09
FREMONT	109.38	109.41	2.09
CRATER LAKE	32.2	35.7	2.09
ALSEA	27.81807636	28.21	2.09
ALSEA	39.582	39.65999999	2.09
GREEN SPRINGS	49.66	49.69614864	2.09
FREMONT	120.53	120.57	2.09
ALSEA	44.85777663	44.88120054	2.09
ALSEA	32.6604344	32.69381724	2.09
BAKER-COPPERFIELD	43.28	53.55	2.09
ALSEA	51.709	51.71328744	2.09
MCKENZIE	55.46	70.85	2.09
ALSEA	41.9922567	42.01344095	2.09
CORVALLIS-NEWPORT	49.646	49.6700235	2.09
TUALATIN VALLEY	23.16997055	23.1700235	2.09
CRATER LAKE	14.04897852	15.77003629	2.09
CRATER LAKE	45.51872506	57.31	2.09
OREGON COAST	192.2100235	192.28	2.09
ALSEA	46.31931553	46.32954694	2.09
ALSEA	46.59249982	46.73712698	2.09
GREEN SPRINGS	13	13.66	2.09
DAIRY-BONANZA	1.14E-13	5.748130972	2.09
GREEN SPRINGS	49.728	49.79156687	2.09
FREMONT	1.14E-13	0.14	2.09
TUALATIN VALLEY	23.61	23.65	2.09
ALSEA	28.44	30.3262625	2.09
CRATER LAKE	90.18999982	90.23	2.09
GREEN SPRINGS	47.74767339	47.76286143	2.09
SANTIAM	6.428449976	6.436807566	2.09
CLINE FALLS HWY CONN.	107.47	107.536	2.09
ALSEA	47.37927051	47.6290635	2.09
MCKENZIE	89.4	90.365	2.09
MCKENZIE	91.42	92.05	2.09
ALSEA	13.17	13.19	2.09
CRATER LAKE	85.23417344	85.25520957	2.09
CRATER LAKE	31.5900223	32.19	2.09
BAKER-COPPERFIELD	18.25	20.26	2.09
CRATER LAKE	97.94231076	98.55	2.09
SANTIAM	8.53	8.54	2.09
ALSEA	2.411224028	13.17	2.09
CRATER LAKE	57.31	65.45	2.09

ALSEA	42.479	42.49573588	2.09
ALSEA	31.61151147	31.61896644	2.09
ALSEA	50.65007078	50.65822939	2.09
BAKER-COPPERFIELD	54.39	70.8	2.09
GREEN SPRINGS	36.38	36.39	2.09
ENTERPRISE-LEWISTON	35.20060292	35.32683717	2.09
SANTIAM	6.55	8.53	2.09
ALSEA	46.51844991	46.57647056	2.09
GREEN SPRINGS	50.24218181	50.56189366	2.09
ALSEA	38.55054794	39.00548074	2.09
ALSEA	37.93703629	37.953	2.09
ALSEA	50.476	50.47888381	2.09
TUALATIN VALLEY	33.42388174	33.43	2.09
GREEN SPRINGS	50.19	50.204	2.09
FREMONT	48.08	48.1	2.09
CRATER LAKE	21.36510946	26.65	2.09
BAKER-COPPERFIELD	42.641	43.26	2.09
CRATER LAKE	29.35	29.36	2.09
CRATER LAKE	86.55461939	86.68081774	2.09
ALSEA	45.406	45.42580193	2.09
LAKESIDE FRONTAGE RD.	222.73	222.838191	2.09
GREEN SPRINGS	49.88	49.88754795	2.09
CRATER LAKE	37.65	38.82	2.09
ALSEA	53.59	55.51992169	2.09
CRATER LAKE	13.36002352	13.62693418	2.09
SANTIAM	11.39	11.46	2.09
ALSEA	50.97467324	50.982	2.09
ALSEA	45.43174025	45.50749744	2.09
TUALATIN VALLEY	34.94002349	35.08750748	2.09
CRATER LAKE	16.15009789	18.19002349	2.09
ALSEA	32.31523493	32.34530072	2.09
CROOKED RIVER	15.41	19.65	2.09
REDWOOD	6.670023517	6.7	2.09
ALSEA	16.53	20.81	2.09
ALSEA	45.394	45.39567934	2.09
FREMONT	47.35	47.59	2.09
ALSEA	32.71205763	32.879	2.09
CRATER LAKE	29.36	31.40024468	2.09
ALSEA	51.96530824	52	2.09
ENTERPRISE-LEWISTON	1.14E-13	24.74	2.09
ALSEA	50.52	50.53470632	2.09
THREE RIVERS	10.63	10.69	2.09
GREEN SPRINGS	49.3495893	49.66	2.09
CROOKED RIVER	25.04	27.39	2.09
ALSEA	50.892	50.89862083	2.09
CORVALLIS-NEWPORT	24.25	24.259	2.09
ALSEA	16.51	16.53	2.09
FREMONT	109.41	120.43	2.09
ALSEA	32.931	33.02661712	2.09
CROOKED RIVER	40.37	42.4	2.09
CRATER LAKE	19.18	19.25	2.09
GREEN SPRINGS	54.76432733	54.88473463	2.09
OREGON COAST	59.181	59.21002349	2.09
ALSEA	51.671	51.709	2.09
CRATER LAKE	90.23	96.46793414	2.09
ALSEA	28.35	28.4225824	2.09
GREEN SPRINGS	36.39	44.01	2.09
ALSEA	51.90562128	51.922	2.09
CLINE FALLS HWY CONN.	107.536	107.58	2.09
ALSEA	20.84	27.5599992	2.09
HEPPNER	62.57308854	62.60011284	2.09
ALBANY-JUNCTION CITY	19.5	19.6	2.09
HEPPNER	57.393	57.56	2.09
HEPPNER	27.41	27.61002355	2.09
WILSON RIVER	6.95	6.96	2.09
HEPPNER	52.071	52.115	2.09
HEPPNER	72.7187362	76.6	2.09
HEPPNER	61.90059355	61.95309371	2.09
WILSON RIVER	43.7926017	43.814	2.09
HEPPNER	60.29905066	60.303	2.09
HEPPNER	55.093	55.13965342	2.09
WILSON RIVER	49.4	49.45461915	2.09
HEPPNER	52.00360379	52.01764017	2.09
HEPPNER	10.93106767	11.70610621	2.09
WILSON RIVER	49.53598838	49.54704754	2.09
WAPINITIA	0.18	0.22	2.09
HEPPNER	64.0770882	64.083	2.09

WILSON RIVER	42.49824342	42.5158153	2.09
ALBANY-JUNCTION CITY	29.30586745	31.98572569	2.09
HEPPNER	63.039	63.31	2.09
HEPPNER	46.48	46.55027093	2.09
WAPINITIA	4.556	5.004265549	2.09
HEPPNER	72.197	72.224	2.09
HEPPNER	61.703	61.89026225	2.09
HEPPNER	70.62548853	70.765	2.09
HEPPNER	61.65	61.67	2.09
WILSON RIVER	51.21	51.21742077	2.09
HEPPNER	59.07366392	59.91276115	2.09
ALBANY-JUNCTION CITY	29.09	29.13611164	2.09
HEPPNER	56.69413245	56.70820413	2.09
HEPPNER	62.305	62.31427088	2.09
WILSON RIVER	42.82835801	42.87956016	2.09
HEPPNER	65.606	65.671	2.09
WILSON RIVER	51.46429147	51.477	2.09
HEPPNER	52.39567108	52.56115164	2.09
HEPPNER	62.362	62.4110478	2.09
OCHOCO	2.330023532	2.355	2.09
WILSON RIVER	19.54	19.56	2.09
HEPPNER	63.31	63.54809763	2.09
HEPPNER	14.011	14.05121849	2.09
HEPPNER	62.671	62.677	2.09
ALBANY-JUNCTION CITY	19.3	19.32002354	2.09
WILSON RIVER	43.56875593	43.607	2.09
HEPPNER	56.867	57.3230609	2.09
HEPPNER	27.61002355	28.47422544	2.09
WILSON RIVER	16.29006277	16.43017691	2.09
HEPPNER	46.97966113	46.99760198	2.09
HEPPNER	12.404	12.97060718	2.09
NECANICUM	16.82	19.03	2.09
ALBANY-JUNCTION CITY	28.31	28.35022284	2.09
HEPPNER	62.71494107	63.03033707	2.09
ALBANY-JUNCTION CITY	27.77904089	28.17002351	2.09
HEPPNER	62.42462622	62.45999171	2.09
WILSON RIVER	51.21	51.62	2.09
HEPPNER	60.47691595	60.47920934	2.09
HEPPNER	45.38	45.50997377	2.09
HEPPNER	52.854	53.79938554	2.09
HEPPNER	76.69	76.77	2.09
HEPPNER	61.08088774	61.13147638	2.09
WILSON RIVER	51.42712671	51.45289343	2.09
HEPPNER	69.12957406	69.13621663	2.09
WILSON RIVER	51.21	51.21742077	2.09
HEPPNER	60.0604195	60.09	2.09
HEPPNER	44.29	44.75848242	2.09
HEPPNER	47.44813167	49.82316037	2.09
WAPINITIA	0.26	2.389325578	2.09
HEPPNER	8.557	8.60600767	2.09
ALBANY-JUNCTION CITY	19.41	19.5	2.09
WILSON RIVER	42.67377811	42.79789158	2.09
HEPPNER	69.477	69.51286191	2.09
NECANICUM	0.312774626	0.72	2.09
HEPPNER	44.89758674	44.902	2.09
WILSON RIVER	5	6.95	2.09
HEPPNER	67.50681886	67.87929659	2.09
HEPPNER	11.84203585	12.29065176	2.09
HEPPNER	56.21720116	56.314	2.09
WILSON RIVER	49.1	49.19571331	2.09
WAPINITIA	2.705043289	4.425741037	2.09
HEPPNER	64.35855703	64.362	2.09
HEPPNER	50.90704815	51.28586771	2.09
HEPPNER	9.793	10.928	2.09
ALBANY-JUNCTION CITY	19.84002349	19.94	2.09
WILSON RIVER	43.19124486	43.27879075	2.09
HEPPNER	62.16635079	62.23487649	2.09
HEPPNER	45.32	45.32532819	2.09
KLAMATH FALLS-MALIN	23.78002348	23.80000028	2.09
WILSON RIVER	51.477	51.56058318	2.09
HEPPNER	60.603	60.646	2.09
HEPPNER	76.63	76.69	2.09
HEPPNER	69.42519347	69.43649658	2.09
WILSON RIVER	3.813705195	4.63	2.09
HEPPNER	68.308	68.36916755	2.09
HEPPNER	45.37000844	45.38	2.09
HEPPNER	60.13632458	60.15828402	2.09

WILSON RIVER	51.38016395	51.40428697	2.09
HEPPNER	51.33608807	51.4144141	2.09
HEPPNER	61.67	61.673	2.09
ALBANY-JUNCTION CITY	19.33	19.41	2.09
HEPPNER	64.46010868	64.517	2.09
WILSON RIVER	42.59403882	42.60744516	2.09
HEPPNER	56.845	56.85246999	2.09
WAPINITIA	7.66246014	26.03	2.09
HEPPNER	9.727380993	9.793	2.09
ALBANY-JUNCTION CITY	19.6	19.84002349	2.09
WILSON RIVER	2.129903669	2.130023475	2.09
HEPPNER	62.053	62.06877058	2.09
WILSON RIVER	42.95314825	42.96863563	2.09
ALBANY-JUNCTION CITY	10.3400235	10.34046157	2.09
HEPPNER	60.68636413	61.064	2.09
HEPPNER	46.79227189	46.81710436	2.09
HEPPNER	56.53932194	56.66680297	2.09
HEPPNER	70.86449904	71.15593588	2.09
HEPPNER	64.659	64.758	2.09
KLAMATH FALLS-MALIN	23.15821739	23.78002348	2.09
HEPPNER	67.27951243	67.4181385	2.09
HEPPNER	69.36675107	69.37035853	2.09
HEPPNER	64.87834141	65.57	2.09
HEPPNER	52.64491299	52.854	2.09
WILSON RIVER	49.09	49.1	2.09
HEPPNER	9.046	9.575995439	2.09
WILSON RIVER	42.562	42.57701581	2.09
KLAMATH FALLS-MALIN	2.180720545	2.28	2.09
HEPPNER	60.3943585	60.41692409	2.09
HEPPNER	46.57015864	46.76	2.09
HEPPNER	51.56702926	51.79001274	2.09
HEPPNER	72.29516297	72.51281751	2.09
HEPPNER	69.34047497	69.35652237	2.09
HEPPNER	13.221	13.813	2.09
HEPPNER	52.263	52.3834901	2.09
WILSON RIVER	48.97	49.09	2.09
PENDLETON-COLD SPRINGS	29.66460589	29.99002352	2.09
HEPPNER	62.677	62.689	2.09
WILSONVILLE-HUBBARD	0.41	5.036903971	2.09
ALBANY-JUNCTION CITY	19.94	20.18617585	2.09
HEPPNER	58.715	58.718	2.09
HEPPNER	27.15015057	27.38	2.09
WILSON RIVER	6.96	16.29006277	2.09
HEPPNER	53.81072214	55.093	2.09
ALBANY-JUNCTION CITY	19.32002354	19.33	2.09
WAPINITIA	0.17	0.28	2.09
HEPPNER	62.647	62.671	2.09
WILSON RIVER	42.993	43.00130448	2.09
WILSON RIVER	51.67102916	51.68	2.09
HEPPNER	65.971	66.262	2.09
WILSON RIVER	43.66464804	43.69102572	2.09
HEPPNER	69.29012659	69.31218386	2.09
HEPPNER	27.38	27.41	2.09
NECANICUM	5.98	16.73	2.09
HEPPNER	76.77	83.15	2.09
HEPPNER	63.98008919	64.06074649	2.09
WILSON RIVER	42.80972017	42.820964	2.09
FLORENCE-EUGENE	1.110023508	1.165	2.09
HEPPNER	69.663	69.725	2.09
HEPPNER	50.55135218	50.71629188	2.09
HEPPNER	8.653429868	8.68	2.09
HEPPNER	8.395603345	8.466362601	2.09
HEPPNER	62.33	62.33351786	2.09
NECANICUM	0.74	5.9	2.09
KLAMATH FALLS-MALIN	18.33458232	19.80496393	2.09
WILSON RIVER	19.56	22.11041525	2.09
HEPPNER	68.61972998	68.64007562	2.09
ALBANY-JUNCTION CITY	28.17002351	28.31	2.09
HEPPNER	8.895014783	9.046	2.09
HEPPNER	49.92003466	49.94215062	2.09
HEPPNER	64.362	64.384	2.09
ALBANY-JUNCTION CITY	19.26002353	19.3	2.09
WILSON RIVER	43.02131861	43.02375455	2.09
HEPPNER	56.80136267	56.83016032	2.09
WILSON RIVER	50.92333016	51.21	2.09
HEPPNER	62.25989756	62.30234289	2.09
KLAMATH FALLS-MALIN	24.52002349	24.8296242	2.09

ALBANY-JUNCTION CITY	12.33705043	12.34578486	2.09
HEPPNER	68.11006314	68.14550781	2.09
WARM SPRINGS	115.0534405	115.1100235	2.09
ALBANY-JUNCTION CITY	29.0199998	29.09	2.09
HEPPNER	13.98	14.00349796	2.09
WILSON RIVER	49.37194335	49.4	2.09
HEPPNER	62.08837961	62.13172329	2.09
HEPPNER	66.262	67.236	2.09
HEPPNER	44.9635785	44.99002352	2.09
WILSON RIVER	51.57394679	51.68	2.09
HEPPNER	55.55507723	55.56833381	2.09
OREGON CAVES	1.02874905	19.19026958	2.09
HEPPNER	13.92891524	13.95030448	2.09
WILSON RIVER	16.43017691	19.54	2.09
HEPPNER	55.372	55.38149136	2.09
HEPPNER	72.55056705	72.56170151	2.09
ALBANY-JUNCTION CITY	18.72855973	19.26002353	2.09
HEPPNER	62.50837921	62.54363827	2.09
WILSON RIVER	43.10325269	43.15588151	2.09
HEPPNER	57.56	58.711	2.09
HEPPNER	44.99002352	45.05	2.09
HEPPNER	47.05635099	47.23442883	2.09
HEPPNER	71.97910041	72.00982782	2.09
WILSON RIVER	48.44469435	48.97	2.09
HEPPNER	61.16308385	61.60351502	2.09
HEPPNER	64.517	64.53	2.09
WILSON RIVER	42.35817883	42.44735433	2.09
HEPPNER	68.77591252	69.02427242	2.09
HEPPNER	55.442037	55.48533183	2.09
HEPPNER	71.58959049	71.71538934	2.09
WILSON RIVER	43.86367787	43.88288446	2.09
HEPPNER	69.74479298	69.77	2.09
NECANICUM	0.72	0.74	2.09
HEPPNER	44.77	44.77904968	2.09
HEPPNER	67.921	68.085	2.09
HEPPNER	12.31435243	12.32846312	2.09
HEPPNER	50.26250155	50.26888168	2.09
WILSON RIVER	49.65912126	49.66723263	2.09
WAPINITIA	0.22	0.26	2.09
WILSON RIVER	23.93947817	42.22751082	2.09
HEPPNER	56.713	56.79911762	2.09
HEPPNER	51.92942697	51.97	2.09
WILSON RIVER	49.09	49.1	2.09
HEPPNER	13.20174117	13.218895	2.09
WILSON RIVER	42.882	42.9261611	2.09
HEPPNER	62.416222	62.419	2.09
HEPPNER	45.16	45.297	2.09
KLAMATH FALLS-MALIN	24.51999246	24.52002349	2.09
WILSON RIVER	22.55844328	23.436	2.09
HEPPNER	50.38145926	50.3851889	2.09
HEPPNER	71.25877256	71.44	2.09
NECANICUM	16.73	16.82	2.09
WILSON RIVER	49.78129218	49.80104011	2.09
HEPPNER	64.093	64.15900516	2.09
WILSON RIVER	51.21	51.21718987	2.09
HEPPNER	65.704	65.81768519	2.09
PACIFIC HIGHWAY WEST	89.66	89.68	2.09
LA GRANDE-BAKER	5.62	11.25	2.09
PACIFIC HIGHWAY WEST	107.0100897	108.1911651	2.09
WHITNEY	25.23	41.85	2.09
PACIFIC HIGHWAY WEST	57.31	57.4	2.09
PACIFIC HIGHWAY WEST	43.96169656	44.121	2.09
PACIFIC HIGHWAY WEST	45.32256662	45.4165077	2.09
PACIFIC HIGHWAY WEST	39.69883974	40.77331349	2.09
PACIFIC HIGHWAY WEST	87.88002348	87.88022894	2.09
LA GRANDE-BAKER	17.37519275	17.441	2.09
PACIFIC HIGHWAY WEST	47.25091345	47.35921085	2.09
LA GRANDE-BAKER	53.91034797	54.11	2.09
PACIFIC HIGHWAY EAST	38.30583207	38.49778061	2.09
PENDLETON	6.03	6.49	2.09
LA GRANDE-BAKER	11.29	15.58002349	2.09
LA GRANDE-BAKER	54.236	54.64	2.09
PACIFIC HIGHWAY WEST	57.28	57.31	2.09
WHITNEY	17.01	25.23	2.09
PACIFIC HIGHWAY WEST	59.08	60.03	2.09
PACIFIC HIGHWAY EAST	35.89002352	35.89030519	2.09
WHITNEY	47.82449716	47.92747061	2.09

PACIFIC HIGHWAY WEST	57.49	57.56	2.09
PACIFIC HIGHWAY EAST	17.56104906	17.8213072	2.09
PENDLETON	6.01	6.03	2.09
PACIFIC HIGHWAY WEST	43.43128613	43.44714502	2.09
LA GRANDE-BAKER	54.11	54.225	2.09
PACIFIC HIGHWAY WEST	46.73144165	46.75038683	2.09
PACIFIC HIGHWAY WEST	44.93985872	45.00338105	2.09
PACIFIC HIGHWAY EAST	39.50903879	39.66612988	2.09
PACIFIC HIGHWAY EAST	24.50436747	24.52	2.09
PACIFIC HIGHWAY WEST	45.641	45.64581937	2.09
PACIFIC HIGHWAY WEST	106.385	106.494	2.09
PACIFIC HIGHWAY WEST	89.68	100.0624667	2.09
WHITNEY	48.04165526	48.11	2.09
PACIFIC HIGHWAY WEST	57.43	57.435	2.09
PENDLETON	6.251	6.6	2.09
LA GRANDE-BAKER	17.441	17.454	2.09
PACIFIC HIGHWAY WEST	87.88022894	89.66	2.09
LA GRANDE-BAKER	5.22002351	5.32	2.09
PACIFIC HIGHWAY EAST	38.06	38.2127659	2.09
PACIFIC HIGHWAY WEST	57.65	57.81	2.09
PENDLETON	6.03	6.223	2.09
WHITNEY	47.48239664	47.65913802	2.09
PACIFIC HIGHWAY EAST	35.59479898	35.89002352	2.09
LA GRANDE-BAKER	54.11	54.46	2.09
PACIFIC HIGHWAY WEST	57.56	57.65	2.09
CASCADE HWY NORTH	9.88	9.880002802	2.09
PACIFIC HIGHWAY WEST	106.8906374	106.9856068	2.09
LA GRANDE-BAKER	32.899	39.94552615	2.09
WHITNEY	17	17.01	2.09
	5.930074951	5.930082901	2.09
PACIFIC HIGHWAY WEST	106.733796	106.87	2.09
PACIFIC HIGHWAY WEST	47.52	57.28	2.09
PACIFIC HIGHWAY WEST	57.438	57.49	2.09
PACIFIC HIGHWAY EAST	16.438	16.73594932	2.09
PACIFIC HIGHWAY WEST	44.121	44.15018036	2.09
PACIFIC HIGHWAY WEST	57.81	57.85931015	2.09
PENDLETON	6.223	6.251	2.09
PACIFIC HIGHWAY EAST	24.67410148	24.68084013	2.09
PACIFIC HIGHWAY WEST	64.39002351	72.33239145	2.09
LA GRANDE-BAKER	15.58002349	15.8701608	2.09
PACIFIC HIGHWAY WEST	45.03062575	45.22294608	2.09
PACIFIC HIGHWAY WEST	45.55509749	45.61596739	2.09
PACIFIC HIGHWAY EAST	38.91065441	39.22423278	2.09
PACIFIC HIGHWAY WEST	106.2637507	106.2758489	2.09
WHITNEY	0.226483518	17	2.09
LA GRANDE-BAKER	41.2572375	49.12048584	2.09
PACIFIC HIGHWAY WEST	57.416	57.43	2.09
PENDLETON	5.803966114	6.01	2.09
PACIFIC HIGHWAY WEST	58.36874162	59.04	2.09
PACIFIC HIGHWAY WEST	101.7757404	106.2605895	2.09
PACIFIC HIGHWAY WEST	45.48713067	45.55212744	2.09
WHITNEY	47.72107509	47.80902792	2.09
LA GRANDE-BAKER	53.9100235	53.91034797	2.09
PACIFIC HIGHWAY WEST	57.4	57.416	2.09
LA GRANDE-BAKER	17.47739331	31.37017602	2.09
PACIFIC HIGHWAY EAST	39.79596818	40.20000014	2.09
LA GRANDE-BAKER	54.225	54.236	2.09
PACIFIC HIGHWAY WEST	106.507	106.6345476	2.09
PACIFIC HIGHWAY EAST	24.52	24.56221735	2.09
PACIFIC HIGHWAY WEST	45.26057989	45.29	2.09
WHITNEY	41.85	47.356	2.09
PACIFIC HIGHWAY WEST	57.435	57.438	2.09
HISTORIC COLUMBIA RIVER	21.97	22.25	2.09
SILVER CREEK FALLS	11.21089649	11.3935253	2.09
SALEM-DAYTON	9.26	9.29	2.09
BELLEVUE-HOPEWELL	9.45	10.96	2.09
NETARTS	1.17	1.19	2.09
WOODBURN-ESTACADA	20.75	20.82	2.09
HILLSBORO-SILVERTON	4.478760143	4.541341751	2.09
HILLSBORO-SILVERTON	17.81548247	17.87088355	2.09
JEFFERSON	0.752464297	1.096827566	2.09
AMITY-DAYTON	0.985090631	1.329019145	2.09
WOODBURN-ESTACADA	19.275	19.28	2.09
SILVER CREEK FALLS	11.54	11.55678632	2.09
CASCADE HWY SOUTH	21.45360972	21.47	2.09
HILLSBORO-SILVERTON	25.73365584	25.73831419	2.09
NORTH UMPQUA HIGHWAY EAST	15.22896072	15.244	2.09

CLACKAMAS	22.23	22.24	2.09
WOODBURN-ESTACADA	13.81002346	13.81004675	2.09
YAMHILL-NEWBERG	7.880342136	7.924924513	2.09
NORTH UMPQUA HIGHWAY EAST	19.18699497	19.21793495	2.09
CLACKAMAS	47.04665218	47.26	2.09
WOODBURN-ESTACADA	32.28747028	32.3863497	2.09
LAFAYETTE	3.00E-02	0.52	2.09
WOODBURN-ESTACADA	16.43	16.46	2.09
CLACKAMAS	30.02	31.56600746	2.09
SILVER CREEK FALLS	37.90391639	37.90679145	2.09
CASCADE HWY SOUTH	22.64661999	22.73331794	2.09
NETARTS	3.029801626	3.2	2.09
SILVER CREEK FALLS	13.25894103	13.79123823	2.09
WOODBURN-ESTACADA	16.42710822	16.43	2.09
HILLSBORO-SILVERTON	14.95	14.97	2.09
SILVER CREEK FALLS	36.94172311	37.122	2.09
WOODBURN-ESTACADA	29.88902671	29.91435063	2.09
NEHALEM	61.09	61.18	2.09
JEFFERSON	1.03E-02	0.23	2.09
HILLSBORO-SILVERTON	25.01	25.09504979	2.09
NEHALEM	61.71002346	61.97038444	2.09
NETARTS	0.99	1.17	2.09
SILVER CREEK FALLS	36.86895948	36.93526536	2.09
CASCADE HWY SOUTH	22.54041387	22.59345328	2.09
BELLEVUE-HOPEWELL	10.96	14.32	2.09
NORTH UMPQUA HIGHWAY EAST	20.058	20.46	2.09
HISTORIC COLUMBIA RIVER	6.53	6.865926332	2.09
CLACKAMAS	18.16847946	18.39492811	2.09
SILVER CREEK FALLS	37.4	37.41120181	2.09
HILLSBORO-SILVERTON	25.9868899	26.26607843	2.09
NETARTS	1.19	2.054349557	2.09
WOODBURN-ESTACADA	16.43	17.25481391	2.09
	88.05	88.053	2.09
NEHALEM	55.01916775	55.07010513	2.09
WOODBURN-ESTACADA	31.922	32.00563644	2.09
BELLEVUE-HOPEWELL	2.12	2.998357027	2.09
CLACKAMAS	14.03973854	14.37023337	2.09
NEHALEM	61.7	61.71002346	2.09
SILVER CREEK FALLS	38.38046585	38.46653019	2.09
WOODBURN-ESTACADA	26.88	27.04	2.09
NEHALEM	4.28	4.32	2.09
CASCADE HWY SOUTH	23.7408396	24.12498604	2.09
CLACKAMAS	12.3643545	12.51861055	2.09
SILVER CREEK FALLS	14.55328708	14.575	2.09
YAMHILL-NEWBERG	0.791876152	6.05	2.09
WOODBURN-ESTACADA	32.439646	32.46352116	2.09
JEFFERSON	2.053016584	2.07	2.09
HISTORIC COLUMBIA RIVER	21.64	21.69	2.09
NEHALEM	61.62289836	61.63	2.09
NORTH UMPQUA HIGHWAY EAST	16.03108676	16.21257542	2.09
HILLSBORO-SILVERTON	31	33.17987411	2.09
NORTH UMPQUA HIGHWAY EAST	5.69	13.26	2.09
CLACKAMAS	23.90002352	24.34589714	2.09
HISTORIC COLUMBIA RIVER	20.89	21.64	2.09
CLACKAMAS	27.04007149	27.34959993	2.09
SILVER CREEK FALLS	14.67543845	14.84114455	2.09
HILLSBORO-SILVERTON	7.666504299	7.716	2.09
HISTORIC COLUMBIA RIVER	7.351981997	17.71988127	2.09
NORTH UMPQUA HIGHWAY EAST	15.4932209	15.49603003	2.09
WOODBURN-ESTACADA	15.41554204	15.82382342	2.09
NEHALEM	61.05	61.09	2.09
CLACKAMAS	28.87	29.18	2.09
SILVER CREEK FALLS	36.80430116	36.82	2.09
CASCADE HWY SOUTH	21.53	21.60550067	2.09
BELLEVUE-HOPEWELL	9.44	9.45	2.09
HILLSBORO-SILVERTON	2.934995177	3.361918588	2.09
SILVER CREEK FALLS	37.51325109	37.5422072	2.09
CASCADE HWY SOUTH	22.19972935	22.2623953	2.09
SALEM-DAYTON	9.23	9.26	2.09
BELLEVUE-HOPEWELL	7.159306854	9.44	2.09
NETARTS	3.2	7.48254268	2.09
SILVER CREEK FALLS	15.051	15.058	2.09
WOODBURN-ESTACADA	32.69253265	33.28	2.09
HILLSBORO-SILVERTON	7.725	8.21	2.09
CLACKAMAS	47.41	49.00919504	2.09
WILLAMINA-SHERIDAN	1.14E-13	0.15	2.09
JEFFERSON	1.904572684	1.91427929	2.09

HISTORIC COLUMBIA RIVER	20.86	20.89	2.09
SILVER CREEK FALLS	36.82	36.82327452	2.09
NEHALEM	53.57166754	53.57853098	2.09
NEHALEM	61.63	61.7	2.09
HILLSBORO-SILVERTON	1.40011479	1.64150868	2.09
HISTORIC COLUMBIA RIVER	7.139559874	7.15	2.09
WILLAMINA-SHERIDAN	5.21E-03	0.13	2.09
WOODBURN-ESTACADA	18.16024456	18.16648247	2.09
SILVER CREEK FALLS	37.14121236	37.14390177	2.09
SALEM-DAYTON	12.36292691	14.72611737	2.09
JEFFERSON	1.150437489	1.249212058	2.09
HISTORIC COLUMBIA RIVER	21.758	22.03	2.09
SILVER CREEK FALLS	10.22	10.24	2.09
WOODBURN-ESTACADA	29.50436407	29.57739673	2.09
CLACKAMAS	26.62	26.63	2.09
SILVER CREEK FALLS	15.33034788	15.54	2.09
NEHALEM	53.58941751	53.63570604	2.09
BELLEVUE-HOPEWELL	5.563330709	5.800023512	2.09
NORTH UMPQUA HIGHWAY EAST	20.64	20.7	2.09
WOODBURN-ESTACADA	31.31093578	31.40912134	2.09
SILVER CREEK FALLS	30.69553858	31.11	2.09
WOODBURN-ESTACADA	22.79	26.88	2.09
SILVER CREEK FALLS	10.52	11.03	2.09
HILLSBORO-SILVERTON	1.794453979	1.833107215	2.09
CLACKAMAS	22.24	22.25002351	2.09
HILLSBORO-SILVERTON	8.23	14.95	2.09
NORTH UMPQUA HIGHWAY EAST	22.16064344	22.304	2.09
NEHALEM	7.16	11.73	2.09
BELLEVUE-HOPEWELL	5.800023512	5.830023505	2.09
HILLSBORO-SILVERTON	30.18020711	30.35036625	2.09
NETARTS	0.95	0.99	2.09
WOODBURN-ESTACADA	13.81004675	14.27711135	2.09
NORTH UMPQUA HIGHWAY EAST	21.19	21.21	2.09
WOODBURN-ESTACADA	32.38891673	32.40082238	2.09
JEFFERSON	0.262	0.284	2.09
AMITY-DAYTON	0.363208328	0.416298265	2.09
HISTORIC COLUMBIA RIVER	21.69	21.91	2.09
NEHALEM	61.18	61.216	2.09
SILVER CREEK FALLS	11.088	11.095	2.09
CASCADE HWY SOUTH	17.58026635	17.69510054	2.09
CASCADE HWY SOUTH	23.08287552	23.17631012	2.09
NEHALEM	2.9	2.966879873	2.09
YAMHILL-NEWBERG	6.07	6.097	2.09
LITTLE NESTUCCA	-0.1	9.3	2.09
HILLSBORO-SILVERTON	27.16781328	27.74000054	2.09
HILLSBORO-SILVERTON	45.05700224	45.50002349	2.09
JEFFERSON	1.299927662	1.366240858	2.09
HISTORIC COLUMBIA RIVER	22.03	22.18	2.09
NEHALEM	61.37114971	61.4	2.09
WOODBURN-ESTACADA	17.79265883	17.841	2.09
NEHALEM	60.42471489	60.79	2.09
CLACKAMAS	26.63	27.04007149	2.09
SILVER CREEK FALLS	37.50448555	37.51	2.09
CASCADE HWY SOUTH	22.59832001	22.60815379	2.09
YAMHILL-NEWBERG	0.589999753	0.611218894	2.09
WOODBURN-ESTACADA	3.453416849	4.205443704	2.09
WOODBURN-ESTACADA	32.02504776	32.05036979	2.09
JEFFERSON	0.35	0.71255735	2.09
HISTORIC COLUMBIA RIVER	21.64	21.69	2.09
SILVER CREEK FALLS	10.24	10.36	2.09
CLACKAMAS	24.78	26.62	2.09
HISTORIC COLUMBIA RIVER	5.83	6.53	2.09
NEHALEM	71.88	71.89	2.09
BELLEVUE-HOPEWELL	6.63	6.76370482	2.09
NEHALEM	61.4	61.43694012	2.09
NORTH UMPQUA HIGHWAY EAST	19.27354409	19.28878305	2.09
NEHALEM	69.14	71.88	2.09
CASCADE HWY SOUTH	22.87867456	22.98642622	2.09
NORTH UMPQUA HIGHWAY EAST	19.76761573	19.85564201	2.09
SILVER CREEK FALLS	37.81203959	37.854	2.09
BELLEVUE-HOPEWELL	6.619999443	6.63	2.09
WOODBURN-ESTACADA	18.65322193	18.74299937	2.09
HILLSBORO-SILVERTON	1.975020366	2.359461048	2.09
NEHALEM	3.278376634	3.283937838	2.09
NETARTS	8.202837979	8.234543116	2.09
NEHALEM	54.47668453	54.5086397	2.09
WOODBURN-ESTACADA	31.58452991	31.62961982	2.09

NEHALEM	11.84	28.94509825	2.09
SILVER CREEK FALLS	38.18910013	38.25417892	2.09
HISTORIC COLUMBIA RIVER	21.91	21.97	2.09
HILLSBORO-SILVERTON	4.021	4.405	2.09
JEFFERSON	1.991033675	2.021752449	2.09
HILLSBORO-SILVERTON	5.216893297	5.233940711	2.09
SILVER CREEK FALLS	31.11	31.14	2.09
WOODBURN-ESTACADA	28.77403476	28.84015308	2.09
SILVER CREEK FALLS	37.34121717	37.35688575	2.09
SALEM-DAYTON	9.55	10.93403062	2.09
NEHALEM	3.415128508	4.28	2.09
BELLEVUE-HOPEWELL	14.32	14.36	2.09
HISTORIC COLUMBIA RIVER	7.185582579	7.322758806	2.09
NEHALEM	3.066874236	3.256544239	2.09
SILVER CREEK FALLS	14.58	14.60669004	2.09
WOODBURN-ESTACADA	30.56303613	30.65827772	2.09
JEFFERSON	1.432602544	1.457811068	2.09
SILVER CREEK FALLS	37.95235643	37.96315506	2.09
CASCADE HWY SOUTH	22.8105233	22.839063	2.09
SALEM-DAYTON	9.53	9.55	2.09
NORTH UMPQUA HIGHWAY EAST	20.53	20.64	2.09
CLACKAMAS	22.25002351	22.77467283	2.09
CLACKAMAS	27.34959993	28.87	2.09
SILVER CREEK FALLS	10.36	10.52	2.09
SALEM-DAYTON	9.29	9.53	2.09
NEHALEM	7.15	7.16	2.09
NORTH UMPQUA HIGHWAY EAST	15.50232626	16.00797567	2.09
HILLSBORO-SILVERTON	7.527543363	7.53051191	2.09
WOODBURN-ESTACADA	31.25026997	31.308	2.09
JEFFERSON	1.896578357	1.904572684	2.09
HISTORIC COLUMBIA RIVER	18.01970954	20.86	2.09
NEHALEM	60.79	60.88	2.09
SILVER CREEK FALLS	38.548	38.55216943	2.09
CASCADE HWY SOUTH	17.83423536	20.25359335	2.09
NEHALEM	46.58991724	53.26	2.09
CASCADE HWY SOUTH	23.29465703	23.33132698	2.09
HILLSBORO-SILVERTON	1.846282661	1.899834598	2.09
CLACKAMAS	10.56476388	10.92419227	2.09
WOODBURN-ESTACADA	20.4391624	20.75	2.09
WOODBURN-ESTACADA	32.234	32.27296655	2.09
HILLSBORO-SILVERTON	45.50002349	45.50007899	2.09
JEFFERSON	1.415520056	1.432602544	2.09
YAMHILL-NEWBERG	6.05	6.07	2.09
HILLSBORO-SILVERTON	14.97	17.79139084	2.09
NORTH UMPQUA HIGHWAY EAST	15.27247285	15.28633152	2.09
HILLSBORO-SILVERTON	3.466777148	3.753177538	2.09
JEFFERSON	0.320902227	0.35	2.09
WOODBURN-ESTACADA	17.87625282	18.11714446	2.09
SILVER CREEK FALLS	11.13561127	11.21089649	2.09
CASCADE HWY SOUTH	22.27907198	22.32694783	2.09
BELLEVUE-HOPEWELL	2.11	2.12	2.09
FISHHAWK FALLS	1.299073408	8.89	2.09
HISTORIC COLUMBIA RIVER	5.8	5.83	2.09
LAFAYETTE	1.19	6.26	2.09
WOODBURN-ESTACADA	18.17301004	18.196	2.09
HISTORIC COLUMBIA RIVER	21.69	21.742	2.09
SILVER CREEK FALLS	37.14955193	37.1699214	2.09
SALEM-DAYTON	1.181384457	9.23	2.09
LAFAYETTE	1.16	1.19	2.09
CASCADE HWY SOUTH	11.32134601	11.62506776	2.09
CLACKAMAS	24.45957384	24.78	2.09
NETARTS	0.280712909	0.95	2.09
SILVER CREEK FALLS	14.61	14.67	2.09
WOODBURN-ESTACADA	20.82	21.1	2.09
	88.043	88.05	2.09
SILVER CREEK FALLS	11.03	11.06	2.09
WOODBURN-ESTACADA	29.78931892	29.86193756	2.09
SILVER CREEK FALLS	15.06012798	15.11927468	2.09
NORTH UMPQUA HIGHWAY EAST	20.7	21.19	2.09
HILLSBORO-SILVERTON	28.4799996	28.819	2.09
NEHALEM	61.257	61.32	2.09
HILLSBORO-SILVERTON	7.271585588	7.38	2.09
NORTH UMPQUA HIGHWAY EAST	4.369999717	4.370023464	2.09
SILVER CREEK FALLS	37.548	37.7249565	2.09
WOODBURN-ESTACADA	27.15	28.77	2.09
HILLSBORO-SILVERTON	41.51600314	41.5334042	2.09
NEHALEM	3.028093557	3.046970148	2.09

CASCADE HWY SOUTH	24.48533919	28.5365198	2.09
WOODBURN-ESTACADA	21.18	21.982	2.09
NEHALEM	55.08494741	55.30512647	2.09
HILLSBORO-SILVERTON	5.510786279	5.534186027	2.09
CLACKAMAS	23.49554023	23.51	2.09
WILLAMINA-SHERIDAN	0.15	0.416	2.09
NEHALEM	55.33573646	55.35777062	2.09
YAMHILL-NEWBERG	6.862590846	7.29141156	2.09
FISHHAWK FALLS	8.89	9.02	2.09
HILLSBORO-SILVERTON	4.888	5.101340317	2.09
NORTH UMPQUA HIGHWAY EAST	21.21	22.0140509	2.09
HILLSBORO-SILVERTON	46.817	48.72478629	2.09
MIST-CLATSKANIE	7.97	7.98	2.09
CLACKAMAS	23.84	23.90002352	2.09
WOODBURN-ESTACADA	19.28	19.32068026	2.09
NEHALEM	62.22	62.24621403	2.09
NEHALEM	4.32	7.15	2.09
BELLEVUE-HOPEWELL	5.830023505	5.880103658	2.09
HILLSBORO-SILVERTON	1.64150868	1.664764623	2.09
HILLSBORO-SILVERTON	41.54172625	43.43	2.09
WOODBURN-ESTACADA	21.1	21.18	2.09
MIST-CLATSKANIE	1.000034315	7.97	2.09
WOODBURN-ESTACADA	31.44324596	31.513	2.09
NORTH UMPQUA HIGHWAY EAST	14.09	14.19828429	2.09
AMITY-DAYTON	2.51E-02	0.185291854	2.09
NEHALEM	3.300139447	3.40386271	2.09
NEHALEM	71.89	76.80901329	2.09
CASCADE HWY SOUTH	21.47	21.53	2.09
NEHALEM	30.08350421	45.54510676	2.09
NEHALEM	60.88	61.05	2.09
SILVER CREEK FALLS	11.57503758	11.601	2.09
CASCADE HWY SOUTH	20.72267536	21.27631039	2.09
HILLSBORO-SILVERTON	1.916	1.957377861	2.09
NORTH UMPQUA HIGHWAY EAST	20.46	20.53	2.09
SILVER CREEK FALLS	15.12176958	15.16916449	2.09
WOODBURN-ESTACADA	0.470023538	1.131771691	2.09
HILLSBORO-SILVERTON	4.861658168	4.873741656	2.09
YAMHILL-NEWBERG	6.201004023	6.286161051	2.09
HILLSBORO-SILVERTON	8.21	8.23	2.09
AMITY-DAYTON	3.99	7.44	2.09
WOODBURN-ESTACADA	19.77074852	19.78	2.09
HILLSBORO-SILVERTON	25.50856067	25.64034811	2.09
HISTORIC COLUMBIA RIVER	7.15	7.169	2.09
	88.05	88.053	2.09
HILLSBORO-SILVERTON	4.559585685	4.617842889	2.09
NEHALEM	58.10344646	58.13575081	2.09
LAFAYETTE	0.52	1.16	2.09
NEHALEM	61.46758904	61.51	2.09
HILLSBORO-SILVERTON	1.664764623	1.676474852	2.09
NORTH UMPQUA HIGHWAY EAST	19.5980729	19.7536012	2.09
WOODBURN-ESTACADA	30.37596525	30.46088586	2.09
YAMHILL-NEWBERG	8.091098131	9.84	2.09
MIST-CLATSKANIE	7.98	10.693	2.09
SILVER CREEK FALLS	31.14	32.28756985	2.09
BELLEVUE-HOPEWELL	1.14E-13	2.11	2.09
NORTH UMPQUA HIGHWAY EAST	18.00662874	18.02568307	2.09
CLACKAMAS	21.69919519	22.23	2.09
SILVER CREEK FALLS	15.54	15.59	2.09
WOODBURN-ESTACADA	8.387911023	9.11	2.09
YAMHILL-NEWBERG	6.372217855	6.64623571	2.09
HISTORIC COLUMBIA RIVER	21.742	21.758	2.09
AMITY-DAYTON	7.44	7.89483035	2.09
WOODBURN-ESTACADA	29.17171829	29.47963532	2.09
HILLSBORO-SILVERTON	43.5	44.83	2.09
HISTORIC COLUMBIA RIVER	57.86024689	58.212	2.09
WOODBURN-ESTACADA	33.28	33.29	2.09
	88.043	88.05	2.09
NORTH UMPQUA HIGHWAY EAST	18.44011289	18.59628326	2.09
JEFFERSON	1.253	1.287274296	2.09
SILVER CREEK FALLS	37.98564046	38.032	2.09
WOODBURN-ESTACADA	18.1240308	18.14054293	2.09
NORTH UMPQUA HIGHWAY EAST	5.67	5.69	2.09
SILVER CREEK FALLS	11.06	11.083	2.09
HILLSBORO-SILVERTON	2.614873209	2.633446031	2.09
WASCO-HEPPNER	12.494	12.5022952	2.09
CELILO-WASCO SPUR	4.8	7.62	2.09
ROGUE RIVER LOOP	16.02	17.78	2.09

POWERS	0.323513419	0.33	2.09
CELILO-WASCO	15.07	15.35	2.09
ALBANY-LYONS	9.521164965	9.55	2.09
HALSEY-SWEET HOME	11.40148192	11.88758743	2.09
WESTON-ELGIN	19.43	19.45	2.09
WASCO-HEPPNER	13.56	13.608	2.09
O NEIL	2.847858397	2.947078569	2.09
HOOD RIVER	11.39	11.41241953	2.09
CORVALLIS-LEBANON	8.598	8.620023511	2.09
ODELL	1.29	1.57002349	2.09
CAPE BLANCO	3.15	5.57	2.09
WESTON-ELGIN	10.72548959	10.98395655	2.09
HUNTINGTON	0.378	0.379467986	2.09
ELKTON-SUTHERLIN	15.62	22.66	2.09
OLDS FERRY-ONTARIO	20.96	21.28472537	2.09
ALBANY-LYONS	1.831718986	2.224530257	2.09
SISKIYOU	3.624	6.692	2.09
FRENCHGLEN	23.87	23.93	2.09
GOSHEN-DIVIDE	19.55	19.92	2.09
VALE-WEST	3.00E-02	9.609712467	2.09
CELILO-WASCO	14.73	14.78	2.09
UKIAH-HILGARD	47.019	47.05	2.09
BAKER-COPPERFIELD SPUR	54.32	54.40028122	2.09
HERMISTON	10.15959965	10.1600235	2.09
MAPLETON-JUNCTION CITY	21.53	21.55	2.09
CENTURY DRIVE	19.19	21.81	2.09
COOS RIVER	14.17	19.15	2.09
MEDICAL SPRINGS	20.35	20.37	2.09
OLDS FERRY-ONTARIO	11.65	11.69	2.09
WASCO-HEPPNER	78.64770561	78.651	2.09
O NEIL	11.022	11.19720774	2.09
CORVALLIS-LEBANON	8.620023511	9.081	2.09
ODELL	0.577376482	0.592223229	2.09
SILETZ	1.91	11.64	2.09
WASCO-HEPPNER	76.31453643	76.345	2.09
VALE-WEST	10.16	10.26273462	2.09
ALBANY-LYONS	12.53	22.69474134	2.09
TERRITORIAL	25.11703308	25.12722703	2.09
SILETZ	20.0990776	20.27010394	2.09
HAVANA-HELIX	9.495388618	9.613992077	2.09
MEDICAL SPRINGS	0.570023505	0.629410287	2.09
MADRAS-PRINEVILLE	21.97	24.409	2.09
WASCO-HEPPNER	12.56249837	12.67006239	2.09
FRENCHGLEN	9.09	9.1	2.09
ELKTON-SUTHERLIN	7.02	7.03	2.09
ALBANY-LYONS	4.213746443	4.23028833	2.09
SILETZ	21.36667329	21.38759035	2.09
UKIAH-HILGARD	46.92	46.99	2.09
WASCO-HEPPNER	-0.58	-0.4	2.09
ADRIAN-ARENA VALLEY	3.17	3.19	2.09
RICKREALL CONN.	3.25	4.1	2.09
HAVANA-HELIX	8.888	8.890197565	2.09
CELILO-WASCO	14.8	15.07	2.09
UKIAH-HILGARD	46.92	46.98	2.09
HALSEY-SWEET HOME	9.15406697	9.482303766	2.09
HERMISTON	10.37	10.413	2.09
WASCO-HEPPNER	14.327	14.37058194	2.09
HOOD RIVER	17.28	17.804	2.09
SHANIKO-FOSSIL	7.2800235	7.649956809	2.09
INDEPENDENCE	1.14E-13	3.00E-02	2.09
POWERS	1.14E-13	6.00E-03	2.09
MEDICAL SPRINGS	38.51	38.576	2.09
ALBANY-LYONS	24.76	25.08	2.09
WASCO-HEPPNER	80.627	80.63016271	2.09
ODELL	2.760000438	3.309096197	2.09
WASCO-HEPPNER	80.76223017	80.8687717	2.09
MAPLETON-JUNCTION CITY	46.25412369	46.55	2.09
ADRIAN-CALDWELL	2.48	4.412980319	2.09
ALBANY-LYONS	6.020440171	6.131207528	2.09
SILETZ	18.19772265	18.26178953	2.09
HAVANA-HELIX	8.532	8.547072059	2.09
POWERS	1.70E-02	4.40E-02	2.09
LEXINGTON-ECHO	35.9600235	36.16002348	2.09
WASCO-HEPPNER	68.66702582	68.73078154	2.09
UMATILLA MISSION	2.014407975	2.256092258	2.09
WASCO-HEPPNER	12.76369006	12.894	2.09
CENTURY DRIVE	21.81	21.82	2.09

EDDYVILLE-BLODGETT	11.73	14.18	2.09
CELILO-WASCO	14.78	14.8	2.09
HALSEY-SWEET HOME	11.96496254	12.00154872	2.09
WESTON-ELGIN	15.15	15.2	2.09
HOOD RIVER	10.68	10.68379337	2.09
ODELL	0.940087273	1.22	2.09
WESTON-ELGIN	18.19	19.08	2.09
CENTURY DRIVE	18.42	18.93	2.09
ROGUE RIVER LOOP	17.88	22.21	2.09
SILETZ	25.60180271	25.63158186	2.09
MEDICAL SPRINGS	1.103383691	1.194	2.09
HALSEY-SWEET HOME	18.19275173	20.55263581	2.09
HERMISTON	13.98625065	17.81	2.09
WASCO-HEPPNER	14.08	14.153	2.09
HOMEDALE SPUR	22.23	22.24	2.09
CARPENTERVILLE	334.87	338.49	2.09
HEPPNER-SPRAY	40.92	40.96	2.09
ELKTON-SUTHERLIN	7.03	15.62	2.09
OLDS FERRY-ONTARIO	14.24	14.84178461	2.09
DOOLEY MOUNTAIN	1.14E-13	0.27	2.09
WASCO-HEPPNER	80.72093326	80.723	2.09
ODELL	0.43260637	0.435823586	2.09
SILETZ	15.663	15.73979054	2.09
COQUILLE-BANDON	0.433916641	1.05	2.09
UKIAH-HILGARD	1.14E-13	0.5	2.09
WASCO-HEPPNER	72.74400067	72.767	2.09
MAPLETON-JUNCTION CITY	46.55	46.57	2.09
ALBANY-LYONS	2.669767432	2.729732634	2.09
TERRITORIAL	11.40867936	17.47769993	2.09
SILETZ	21.09895725	21.1299602	2.09
HAVANA-HELIX	3.00E-02	3.90E-02	2.09
LEXINGTON-ECHO	36.16002348	36.19082512	2.09
MEDICAL SPRINGS	0.727177932	0.743	2.09
WASCO-HEPPNER	70.91646204	71.06516083	2.09
CENTURY DRIVE	7.587479816	13.98325581	2.09
SHANIKO-FOSSIL	8.149700557	8.230023459	2.09
LEXINGTON-ECHO	27.24	34.7711214	2.09
MEDICAL SPRINGS	23.58	38.51	2.09
ALBANY-LYONS	23.52028002	23.56052807	2.09
WESTON-ELGIN	15.52	15.6	2.09
WASCO-HEPPNER	12.25498229	12.37884981	2.09
O NEIL	0.407	0.507877313	2.09
SPRINGFIELD-CRESWELL	11.96023073	12.04504044	2.09
ODELL	0.67020233	0.697926202	2.09
SILETZ	24.46005152	24.52	2.09
UMATILLA MISSION	4.541	4.84	2.09
HUNTINGTON	5.25	5.339507715	2.09
SUMPTER	1.880023502	3.71	2.09
ALBANY-LYONS	22.759	22.782	2.09
CULVER	9.710023505	9.879938215	2.09
SILETZ	22.80462798	23.00429539	2.09
COQUILLE-BANDON	16.59552118	16.75679244	2.09
THE DALLES-CALIF HWY CONN.	0.79	0.795322014	2.09
STEENS	1.201979949	1.577815415	2.09
VALE-WEST	9.708028597	9.850023507	2.09
KIMBERLY-LONG CREEK	1.14E-13	12.971	2.09
GOSHEN-DIVIDE	12.01	12.04	2.09
KINGS VALLEY	5.191567598	5.275424495	2.09
OLDS FERRY-ONTARIO	14.19	14.24	2.09
ALBANY-LYONS	23.1349006	23.197	2.09
SISKIYOU	12.124	12.169	2.09
SILETZ	15.44	15.44853229	2.09
UKIAH-HILGARD	45.50958067	46.67	2.09
WASCO-HEPPNER	73.24060334	73.32123665	2.09
MAPLETON-JUNCTION CITY	33.51019971	38.93	2.09
VALE-WEST	9.850023507	9.931376406	2.09
GOSHEN-DIVIDE	10.68	10.74	2.09
KINGS VALLEY	24.323	31.4	2.09
HALSEY-SWEET HOME	0.370023532	1.790047267	2.09
SILETZ	18.26899823	18.59	2.09
HAVANA-HELIX	8.522433098	8.529384354	2.09
POWERS	2.819688408	2.884777206	2.09
MADRAS-PRINEVILLE	1.15	3.210323535	2.09
WASCO-HEPPNER	12.71368011	12.73006188	2.09
SHANIKO-FOSSIL	40.91	42.54580181	2.09
SUCCOR CREEK	12.58712589	20.11	2.09
SILETZ	25.16659982	25.40260168	2.09

CELILO-WASCO	4.8	14.67	2.09
ALBANY-LYONS	24.43785756	24.76	2.09
WESTON-ELGIN	12.15	12.22	2.09
WASCO-HEPPNER	14.27311834	14.302	2.09
O NEIL	16.53995751	16.54002351	2.09
HOOD RIVER	11.36380318	11.38642636	2.09
CORVALLIS-LEBANON	16.114	16.5000235	2.09
ODELL	0.472	0.573	2.09
WESTON-ELGIN	19.45	26.59	2.09
HUNTINGTON	0.44	3.26	2.09
ALBANY-LYONS	5.387655743	5.391567573	2.09
O NEIL	0.383	0.404	2.09
SISKIYOU	8.32	8.73	2.09
TERRITORIAL	0.769405332	8.62	2.09
SILETZ	20.84377428	20.93328818	2.09
COQUILLE-BANDON	0.337	0.384	2.09
COVE	21.81829031	21.83	2.09
ANTELOPE	3.1	13.051	2.09
WASCO-HEPPNER	-1.97	-0.839976495	2.09
MAPLETON-JUNCTION CITY	47.5	47.6	2.09
GOSHEN-DIVIDE	19.667	20.05	2.09
POWERS	17.1	17.52002346	2.09
MEDICAL SPRINGS	0.710236859	0.723713586	2.09
LITTLE SHEEP CREEK	1.066404591	2.05	2.09
HALSEY-SWEET HOME	6.46	6.49	2.09
UMATILLA MISSION	2.867543953	3.743080394	2.09
WASCO-HEPPNER	13.828	13.993	2.09
HOOD RIVER	19.04	19.07	2.09
SHANIKO-FOSSIL	0.529	7.2800235	2.09
COOS RIVER	13.94	14.16	2.09
EDDYVILLE-BLODGETT	11.7	11.73	2.09
HAVANA-HELIX	8.374386974	8.387087924	2.09
POWERS	17.52002346	17.84377103	2.09
MEDICAL SPRINGS	0.641385521	0.674	2.09
CENTURY DRIVE	18.93	19.2	2.09
SHERARS BRIDGE	-5.00E-02	8.3	2.09
INDEPENDENCE	3.382668914	3.53	2.09
SAMS VALLEY	11.43348797	16.05818711	2.09
ATHENA-HOLDMAN	12.74728701	16.86126032	2.09
COOS RIVER	14.16	14.17	2.09
MEDICAL SPRINGS	1.559458196	1.603016914	2.09
ALBANY-LYONS	23.65	24.1301878	2.09
WASCO-HEPPNER	14.6416486	14.67	2.09
HOOD RIVER	10.761	10.79647889	2.09
ODELL	0.214270481	0.226163064	2.09
SAMS VALLEY	6.140386422	6.38	2.09
OLDS FERRY-ONTARIO	18.87931792	19.65	2.09
ALBANY-LYONS	2.308924542	2.669767432	2.09
UKIAH-HILGARD	46.67	46.9	2.09
ANTELOPE	8.86	8.95	2.09
WASCO-HEPPNER	11.85243399	11.882	2.09
VALE-WEST	9.942545959	10.16	2.09
KINGS VALLEY	17.44	18.54611537	2.09
ROGUE RIVER LOOP	16.01	16.02	2.09
SILETZ	24.65672991	24.809	2.09
CELILO-WASCO	14.68	14.73	2.09
MEDICAL SPRINGS	0.902278093	0.994609341	2.09
HALSEY-SWEET HOME	9.816716132	10.54671492	2.09
WASCO-HEPPNER	83.26123433	83.58002345	2.09
SHANIKO-FOSSIL	1.14E-13	0.1	2.09
CARPENTERVILLE	343.42	359.72	2.09
SAMS VALLEY	6.38	6.41	2.09
HALFWAY-CORNUCOPIA	8.91	10.21245139	2.09
WASCO-HEPPNER	78.89944126	78.92278052	2.09
HOOD RIVER	10.15430158	10.311	2.09
COQUILLE-BANDON	1.05	1.06	2.09
WASCO-HEPPNER	78.433	78.45371678	2.09
STEENS	91.16	91.6	2.09
ADRIAN-CALDWELL	0.29	2.48	2.09
ALBANY-LYONS	2.927488251	3.104893311	2.09
WASCO-HEPPNER	80.47768492	80.566	2.09
HOOD RIVER	11.316	11.34421524	2.09
ODELL	0.444817698	0.447101232	2.09
SILETZ	15.878	15.92794324	2.09
COQUILLE-BANDON	1.76	7.21	2.09
WASCO-HEPPNER	73.44	73.48	2.09
STEENS	6.54	6.57	2.09

ADRIAN-CALDWELL	0.25	0.29	2.09
SERVICE CREEK-MITCHELL	9.48	23.87913919	2.09
ALBANY-LYONS	10.79844302	11.06877669	2.09
SISKIYOU	6.692	6.694793669	2.09
TERRITORIAL	25.10658116	25.11106667	2.09
SILETZ	21.61370764	22.65845755	2.09
POWERS	0.13	0.175818471	2.09
MEDICAL SPRINGS	0.246768513	0.25	2.09
SNAKE RIVER CORR INST HWY	0.744327388	2.09	2.09
TIMBERLINE	0.54	3.71	2.09
WASCO-HEPPNER	13.06064394	13.135	2.09
ROGUE RIVER LOOP	11.1277229	11.14935583	2.09
POWERS	1.14E-13	6.00E-03	2.09
CHILOQUIN	1.14E-13	0.16	2.09
HALSEY-SWEET HOME	10.62241369	11.04655777	2.09
SUNNYSIDE-UMAPINE	6.052159948	6.422324429	2.09
SHANIKO-FOSSIL	25.3	39.25	2.09
INDEPENDENCE	3.532712284	3.79	2.09
WESTON-ELGIN	-1.18	-1.155	2.09
ELKTON-SUTHERLIN	0.442997457	5.18	2.09
OLDS FERRY-ONTARIO	22.333	23.98	2.09
WASCO-HEPPNER	79.6123046	79.65	2.09
SILETZ	14.9712637	15.02611639	2.09
UKIAH-HILGARD	47.09	47.13567514	2.09
WASCO-HEPPNER	81.19784785	81.915	2.09
FRENCHGLEN	10.52	23.87	2.09
SILETZ	21.14298928	21.33690202	2.09
HAVANA-HELIX	2.878319531	3.037834419	2.09
LEXINGTON-ECHO	35.077	35.19025237	2.09
WASCO-HEPPNER	11.743	11.79394542	2.09
CENTURY DRIVE	5.416565255	5.770486767	2.09
ROGUE RIVER LOOP	11.31845674	11.37135881	2.09
COOS RIVER	2.48	3.97	2.09
LEXINGTON-ECHO	19.916	27.24	2.09
SILETZ	16.71749887	17.4754092	2.09
HAVANA-HELIX	1.14E-13	3.00E-02	2.09
WASCO-HEPPNER	67.85	67.86252098	2.09
WASCO-HEPPNER	-0.839976495	-0.58	2.09
POWERS	8.20E-02	9.00E-02	2.09
MEDICAL SPRINGS	16.02	20.35	2.09
WESTON-ELGIN	15.2	15.32	2.09
O NEIL	0.330023476	0.33037715	2.09
HOOD RIVER	10.871278	10.883	2.09
CARPENTERVILLE	359.72	359.73	2.09
HALSEY-SWEET HOME	6.32936644	6.46	2.09
OLDS FERRY-ONTARIO	24.23979273	24.24002347	2.09
HALFWAY-CORNUCOPIA	1.14E-13	5.45	2.09
ALBANY-LYONS	0.878011943	1.006324141	2.09
SISKIYOU	7.549	7.61	2.09
SILETZ	24.382	24.4463094	2.09
UKIAH-HILGARD	46.99	47.1615957	2.09
WASCO-HEPPNER	70.211	70.27054672	2.09
STEENS	6.57	22.29	2.09
JACKSONVILLE	19.84479619	24.57555452	2.09
KINGS VALLEY	9.95	17.38	2.09
HAVANA-HELIX	3.90E-02	8.13E-02	2.09
UKIAH-HILGARD	47.05	47.09	2.09
WASCO-HEPPNER	11.94437009	11.96186991	2.09
SHANIKO-FOSSIL	23.33	24.93	2.09
HUNTINGTON	1.14E-13	0.378	2.09
POWERS	0.169	0.33	2.09
MEDICAL SPRINGS	7.76	15.97	2.09
HEPPNER-SPRAY	24.66535585	25.81	2.09
COVE	14.22977169	21.32002352	2.09
ALBANY-LYONS	10.03023827	10.51685118	2.09
WASCO-HEPPNER	13.62307334	13.697	2.09
O NEIL	2.137279107	2.306357983	2.09
HOOD RIVER	11.81704737	11.89519605	2.09
WESTON-ELGIN	-1.32	-1.315157696	2.09
FRENCHGLEN	9.1	10.5	2.09
SUMPTER	1.14E-13	0.320065899	2.09
ALBANY-LYONS	2.729732634	2.740002282	2.09
SILETZ	16.3760626	16.57860189	2.09
UKIAH-HILGARD	46.9	46.92	2.09
WASCO-HEPPNER	70.812	70.8501201	2.09
HALSEY-SWEET HOME	6.570023511	7.39	2.09
WESTON-ELGIN	15.41	15.52	2.09

WASCO-HEPPNER	14.7406154	14.78	2.09
HOOD RIVER	12.4592415	12.708553	2.09
OLDS FERRY-ONTARIO	11.69	14.19	2.09
SUMPTER	1.013848449	1.880023502	2.09
ALBANY-LYONS	11.66004838	11.67626135	2.09
SILETZ	17.89659364	18.00152233	2.09
COQUILLE-BANDON	1.06	1.73	2.09
STEENS	0.52	0.530532925	2.09
CULVER	8.430851087	8.581561788	2.09
MAPLETON-JUNCTION CITY	30.727	33.15	2.09
SERVICE CREEK-MITCHELL	1.14E-13	8.95	2.09
KINGS VALLEY	21.08	22.85977997	2.09
SILETZ	24.93	24.96	2.09
WARNER	28.60166397	65.25417411	2.09
WASCO-HEPPNER	83.6842827	83.960135	2.09
MAPLETON-JUNCTION CITY	38.93	38.95	2.09
HOOD RIVER	17.05000038	17.28	2.09
WASCO-HEPPNER	80.299	80.3381143	2.09
ODELL	0.165604062	0.178530582	2.09
SILETZ	15.07321235	15.18111972	2.09
UKIAH-HILGARD	2.020115102	23.53616277	2.09
STEENS	0.470411005	0.49	2.09
MAPLETON-JUNCTION CITY	38.95	44.96011409	2.09
ALBANY-LYONS	22.69758121	22.74045214	2.09
SISKIYOU	8.75	12.02	2.09
SILETZ	18.16012623	18.19772265	2.09
HAVANA-HELIX	4.70311415	6.56	2.09
ANTELOPE	0.79	0.799	2.09
MADRAS-PRINEVILLE	3.571925466	3.780497868	2.09
WASCO-HEPPNER	13.044	13.06064394	2.09
MAPLETON-JUNCTION CITY	0.746579415	2.911781144	2.09
CENTURY DRIVE	21.82	21.84990616	2.09
ALBANY-LYONS	1.14E-13	0.597630837	2.09
MEDICAL SPRINGS	1.250165337	1.388489473	2.09
CHILOQUIN	5.061439331	5.29	2.09
HALSEY-SWEET HOME	12.98	13.04895699	2.09
HERMISTON	10.413	10.73490642	2.09
WASCO-HEPPNER	14.04899714	14.051	2.09
WARNER	18.54	27.67468642	2.09
WASCO-HEPPNER	-0.4	-0.360000243	2.09
KIMBERLY-LONG CREEK	34.36	34.40265978	2.09
EAGLE CREEK-SANDY	2.504810409	2.930119616	2.09
JACKSONVILLE	18.23016583	18.26793428	2.09
HALSEY-SWEET HOME	6.130023493	6.16	2.09
UKIAH-HILGARD	46.98	47.011	2.09
COVE	0.75757004	11.8329913	2.09
HALSEY-SWEET HOME	8.846932972	9.152	2.09
HERMISTON	10.84755701	10.85500183	2.09
WASCO-HEPPNER	14.214	14.2205247	2.09
CENTURY DRIVE	6.623416396	6.982597378	2.09
HOOD RIVER	15.8886862	16.6	2.09
SHANIKO-FOSSIL	17.21	23.33	2.09
CARPENTERVILLE	341.22	343.42	2.09
HUNTINGTON	3.26	5.16	2.09
OLDS FERRY-ONTARIO	19.65	19.99	2.09
WASCO-HEPPNER	80.618	80.627	2.09
COQUILLE-BANDON	7.21	7.22	2.09
WASCO-HEPPNER	78.7322564	78.74421904	2.09
ADRIAN-CALDWELL	1.14E-13	3.00E-02	2.09
PAULINA	47.61	54.68380185	2.09
ALBANY-LYONS	3.112049476	4.211270515	2.09
SILETZ	19.04	20.07119614	2.09
POWERS	5.70031061	16.99	2.09
MEDICAL SPRINGS	0.54	0.570023505	2.09
WASCO-HEPPNER	68.92887752	68.98924995	2.09
SUNNYSIDE-UMAPINE	5.965417875	6.042980119	2.09
WASCO-HEPPNER	12.955	12.98736579	2.09
CENTURY DRIVE	21.84990616	21.98	2.09
SHANIKO-FOSSIL	39.31	40.61	2.09
RICKREALL CONN.	4.1	4.18	2.09
EDDYVILLE-BLODGETT	14.21	18.627	2.09
CELILO-WASCO	15.35	15.57	2.09
MEDICAL SPRINGS	1.230704201	1.237653144	2.09
HALSEY-SWEET HOME	13.28733359	13.538	2.09
WESTON-ELGIN	-1.32	-1.315157696	2.09
O NEIL	1.95386288	2.010112111	2.09
HOOD RIVER	5.027	5.09	2.09

SPRINGFIELD-CRESWELL	5.46	7.260463557	2.09
INDEPENDENCE	3.237975584	3.368261409	2.09
HEPPNER-SPRAY	25.9	40.92	2.09
OLDS FERRY-ONTARIO	22.31669818	22.333	2.09
HALSEY-SWEET HOME	4.937777913	5.480023453	2.09
SISKIYOU	12.169	12.42	2.09
WASCO-HEPPNER	81.008	81.19784785	2.09
WESTON-ELGIN	11.03329225	11.32	2.09
ELKTON-SUTHERLIN	6.46	7.02	2.09
DOOLEY MOUNTAIN	28.94	28.96	2.09
WASCO-HEPPNER	76.93634242	77.0136448	2.09
SILETZ	1.88	1.91	2.09
WASCO-HEPPNER	77.19400888	77.21918588	2.09
MAPLETON-JUNCTION CITY	47.31	47.41	2.09
ALBANY-LYONS	11.10136361	11.2740792	2.09
GOSHEN-DIVIDE	19.655	19.667	2.09
SILETZ	18.961	19.03713218	2.09
POWERS	2.729449356	2.780309879	2.09
WASCO-HEPPNER	71.639	71.64952684	2.09
KINGS VALLEY	17.38	17.44	2.09
ROGUE RIVER LOOP	10.10323457	11.11526385	2.09
POWERS	9.00E-02	0.169	2.09
MEDICAL SPRINGS	1.636081615	1.680974595	2.09
LITTLE SHEEP CREEK	2.09	28.612	2.09
HALSEY-SWEET HOME	12.96432408	12.97270604	2.09
WESTON-ELGIN	19.08	19.09	2.09
WASCO-HEPPNER	12.14360699	12.17054642	2.09
O NEIL	0.717402979	0.823124826	2.09
SPRINGFIELD-CRESWELL	12.18259185	12.82	2.09
ODELL	1.82	2.149999448	2.09
UMATILLA MISSION	4.508	4.541	2.09
ALBANY-LYONS	11.40642073	11.40971103	2.09
STEENS	0.585757146	0.7	2.09
ADRIAN-ARENA VALLEY	1.14E-13	3.00E-02	2.09
KIMBERLY-LONG CREEK	14.36528368	34.36	2.09
GOSHEN-DIVIDE	10.74	12.01	2.09
EDDYVILLE-BLODGETT	10.93	11.7	2.09
HAVANA-HELIX	7.57	8.035523658	2.09
WARNER	3.33	7.31	2.09
HOMEDALE SPUR	20.11	22.23	2.09
GOSHEN-DIVIDE	10.59	10.68	2.09
JACKSONVILLE	12.89	13.62	2.09
KINGS VALLEY	5.150615567	5.182183769	2.09
HALSEY-SWEET HOME	17.01634725	17.02	2.09
TERRITORIAL	23.51597165	25.09926121	2.09
SILETZ	17.77318314	17.893	2.09
HAVANA-HELIX	6.561878087	7.55414586	2.09
THE DALLES-CALIF HWY CONN.	0.79	0.795322014	2.09
WARNER	9.55	18.42	2.09
MADRAS-PRINEVILLE	3.315082993	3.398743823	2.09
TIMBERLINE	3.76	5.49	2.09
SUNNYSIDE-UMAPINE	4.779	5.480775681	2.09
WASCO-HEPPNER	13.1762616	13.18465699	2.09
CENTURY DRIVE	14.39194845	18.42	2.09
MONMOUTH	6.229900446	6.230023522	2.09
SILETZ	24.96	25.0398416	2.09
ATHENA-HOLDMAN	11.944	12.365	2.09
CELILO-WASCO	0.253	0.261	2.09
LITTLE SHEEP CREEK	2.05	2.09	2.09
HALSEY-SWEET HOME	12.93232839	12.95034234	2.09
WESTON-ELGIN	12.22	15.15	2.09
WASCO-HEPPNER	14.19574462	14.20584597	2.09
HOOD RIVER	12.8033924	12.91113703	2.09
CARPENTERVILLE	338.58	339.68	2.09
HUNTINGTON	6.899220796	9.983871539	2.09
JACKSONVILLE	7.173574285	12.89	2.09
DOOLEY MOUNTAIN	0.27	28.94	2.09
ALBANY-LYONS	12	12.53	2.09
SILETZ	20.53738192	20.78249677	2.09
WARNER	1.14E-13	3.29	2.09
WASCO-HEPPNER	0.580023537	11.5030431	2.09
ADRIAN-CALDWELL	3.00E-02	0.25	2.09
EAGLE CREEK-SANDY	3.065231076	3.08693837	2.09
HAVANA-HELIX	8.129559903	8.217962194	2.09
POWERS	4.208413323	4.214	2.09
COVE	12.67367111	12.73312757	2.09
HALSEY-SWEET HOME	10.55136827	10.55998106	2.09

WASCO-HEPPNER	13.819	13.8213627	2.09
SHANIKO-FOSSIL	0.1	0.529	2.09
INDEPENDENCE	3.00E-02	4.00E-02	2.09
COOS RIVER	10	13.85	2.09
MEDICAL SPRINGS	1.834037348	7.67	2.09
OLDS FERRY-ONTARIO	24	24.23979273	2.09
ALBANY-LYONS	25.4	25.4418963	2.09
WASCO-HEPPNER	80.929728	80.98909775	2.09
O NEIL	12.45844395	16.53995751	2.09
ODELL	1.57002349	1.82	2.09
WASCO-HEPPNER	73.92137625	73.96908083	2.09
SAMS VALLEY	7.10925855	7.180075345	2.09
HUNTINGTON	0.389	0.44	2.09
SAMS VALLEY	16.81506332	16.82818221	2.09
ATHENA-HOLDMAN	12.3803189	12.49638958	2.09
COOS RIVER	4	9.92	2.09
WASCO-HEPPNER	14.95	15.09	2.09
O NEIL	2.502799248	2.679813232	2.09
ODELL	0.274855262	0.291418767	2.09
WESTON-ELGIN	26.59	26.6	2.09
STEENS	0.7	0.857492599	2.09
OLDS FERRY-ONTARIO	19.99	20.17279949	2.09
ALBANY-LYONS	4.3	4.31	2.09
GOSHEN-DIVIDE	19.55	19.655	2.09
WEST DIAMOND LAKE	1.14E-13	3.12	2.09
SISKIYOU	3.496	3.624	2.09
SILETZ	21.41821259	21.541	2.09
WASCO-HEPPNER	41.7905485	54.85345874	2.09
CULVER	6.18	8.32	2.09
WASCO-HEPPNER	12.505	12.56249837	2.09
OLDS FERRY-ONTARIO	30.3200235	30.53	2.09
KINGS VALLEY	20.18676618	21.06	2.09
ROGUE RIVER LOOP	12.99	16.01	2.09
SUCCOR CREEK	8	11.11948984	2.09
SILETZ	24.89291013	24.93	2.09
HAVANA-HELIX	9.137350217	9.18	2.09
POWERS	4.309506644	4.318539038	2.09
CHILOQUIN	3.18	3.24	2.09
HALSEY-SWEET HOME	9.623708346	9.63	2.09
HERMISTON	11.34	11.52335601	2.09
CENTURY DRIVE	7.276736381	7.324070252	2.09
OLDS FERRY-ONTARIO	8.885910956	11.65	2.09
ALBANY-LYONS	25.08	25.36	2.09
WASCO-HEPPNER	78.2874241	78.29847692	2.09
WEST DIAMOND LAKE	3.12	3.13	2.09
WASCO-HEPPNER	78.45836747	78.47353228	2.09
MAPLETON-JUNCTION CITY	21.55	29.05437592	2.09
ALBANY-LYONS	4.895770206	4.899776018	2.09
SISKIYOU	7.61	7.62	2.09
HAVANA-HELIX	8.578	8.77	2.09
POWERS	0.124739581	0.13	2.09
WASCO-HEPPNER	68.2988536	68.43744702	2.09
BAKER-COPPERFIELD SPUR	53.55	54.32	2.09
HERMISTON	10.929	11.27	2.09
ALBANY-LYONS	6.306247023	9.182783055	2.09
WEST DIAMOND LAKE	3.13	12.16	2.09
SISKIYOU	8.31	8.32	2.09
SILETZ	21.04642704	21.08466763	2.09
HAVANA-HELIX	8.13E-02	0.695641947	2.09
POWERS	7.38E-02	0.119694332	2.09
ANTELOPE	13.051	13.49	2.09
TIMBERLINE	0.431630114	0.54	2.09
WASCO-HEPPNER	13.135	13.14927484	2.09
ROGUE RIVER LOOP	11.1781561	11.30733925	2.09
SUCCOR CREEK	7.96	8	2.09
ATHENA-HOLDMAN	11.33187001	11.87977381	2.09
CELILO-WASCO	14.67	14.68	2.09
MEDICAL SPRINGS	38.601	38.66	2.09
CHILOQUIN	0.16	3.08	2.09
HALSEY-SWEET HOME	9.752363063	9.809709538	2.09
WASCO-HEPPNER	15.16	40.09823284	2.09
CARPENTERVILLE	338.49	338.58	2.09
INDEPENDENCE	0.11	3.165619098	2.09
ELKTON-SUTHERLIN	5.18	6.46	2.09
OLDS FERRY-ONTARIO	22.297	22.31205917	2.09
PINE CREEK	0.79	0.91	2.09
WASCO-HEPPNER	73.1722953	73.22018959	2.09

SILETZ	15.966	16.26123814	2.09
COQUILLE-BANDON	0.397144564	0.416317385	2.09
WASCO-HEPPNER	83.02184008	83.03416044	2.09
FRENCHGLEN	63.72	73.35	2.09
MAPLETON-JUNCTION CITY	33.15	33.51019971	2.09
ADRIAN-ARENA VALLEY	3.00E-02	2.24	2.09
ALBANY-LYONS	23.21638782	23.33879528	2.09
GOSHEN-DIVIDE	17.5034623	19.55	2.09
JACKSONVILLE	27.26	28.40540352	2.09
ALSEA-DEADWOOD	1.14E-13	0.753788842	2.09
SILETZ	16.30101577	16.36500462	2.09
HAVANA-HELIX	2.506117821	2.590343824	2.09
POWERS	4.467939637	4.513525584	2.09
LEXINGTON-ECHO	35.94997322	35.9600235	2.09
MEDICAL SPRINGS	0.757	0.765369267	2.09
WASCO-HEPPNER	71.72469117	71.89834038	2.09
WASCO-HEPPNER	12.40451449	12.494	2.09
CENTURY DRIVE	5.772808562	6.615125719	2.09
SHANIKO-FOSSIL	8.230023459	17.11	2.09
TERRITORIAL	21.29579482	21.43	2.09
MEDICAL SPRINGS	38.576	38.601	2.09
WESTON-ELGIN	15.6	18.09	2.09
WASCO-HEPPNER	12.22488411	12.23516755	2.09
O NEIL	0.33037715	0.38	2.09
ODELL	1.14E-13	1.53E-02	2.09
SILETZ	14.92256313	14.94	2.09
HUNTINGTON	5.16	5.25	2.09
SAMS VALLEY	6.041025186	6.137281212	2.09
HALFWAY-CORNUCOPIA	8.72	8.91	2.09
ALBANY-LYONS	22.75218173	22.75704834	2.09
CELILO-WASCO	0.261	0.28	2.09
MEDICAL SPRINGS	1.405566327	1.494	2.09
HALSEY-SWEET HOME	12.37267198	12.87078753	2.09
WESTON-ELGIN	10.69528353	10.71799807	2.09
WASCO-HEPPNER	83.58002345	83.67992579	2.09
O NEIL	0.53126763	0.595461934	2.09
ODELL	1.22	1.29	2.09
HALSEY-SWEET HOME	6.49	6.570023511	2.09
WESTON-ELGIN	26.6	39.83937108	2.09
INDEPENDENCE	4.00E-02	0.11	2.09
SAMS VALLEY	6.41	6.867049949	2.09
OLDS FERRY-ONTARIO	20.67739913	20.77340301	2.09
ALBANY-LYONS	22.922	23.0788007	2.09
SISKIYOU	7.62	8.31	2.09
SILETZ	11.74	14.66157254	2.09
WASCO-HEPPNER	81.94080089	82.27245537	2.09
FRENCHGLEN	1.14E-13	9.09	2.09
MAPLETON-JUNCTION CITY	46.57	47.31	2.09
GOSHEN-DIVIDE	12.04	13.74643352	2.09
JACKSONVILLE	13.7	13.78	2.09
KINGS VALLEY	8.98	9.95	2.09
HALSEY-SWEET HOME	17.02	17.04983697	2.09
HALSEY-SWEET HOME	1.14E-13	0.370023532	2.09
TERRITORIAL	25.34733834	25.49074447	2.09
SILETZ	18.60502753	18.65244492	2.09
HAVANA-HELIX	9.18	9.234619198	2.09
POWERS	4.619692455	5.136137725	2.09
MADRAS-PRINEVILLE	3.817392159	4.253866037	2.09
TIMBERLINE	0.431115327	0.66	2.09
WASCO-HEPPNER	1.14E-13	0.580023537	2.09
PAULINA	1.67002282	47.19	2.09
PARMA SPUR	13.07	13.22004532	2.09
ROGUE RIVER LOOP	11.3883631	11.97	2.09
SUCCOR CREEK	1.147845658	7.96	2.09
EDDYVILLE-BLODGETT	0.675066488	10.92	2.09
POWERS	1.14E-13	9.00E-02	2.09
MEDICAL SPRINGS	0.832527456	0.860509023	2.09
CHILOQUIN	3.36	3.41	2.09
WASCO-HEPPNER	13.3623477	13.548	2.09
O NEIL	1.09977778	1.45262837	2.09
HOOD RIVER	5.09	9.777754397	2.09
SILETZ	14.73633936	14.77	2.09
FRENCHGLEN	23.93	57.37762642	2.09
ALBANY-LYONS	10.53628593	10.66506612	2.09
SISKIYOU	8.73	8.75	2.09
SILETZ	20.34825045	20.38332517	2.09
WASCO-HEPPNER	71.203	71.25457629	2.09

WASCO-HEPPNER	12.89673702	12.93740197	2.09
MAPLETON-JUNCTION CITY	13.07102964	21.53	2.09
ADRIAN-ARENA VALLEY	2.24	3.17	2.09
JACKSONVILLE	13.79	18.04000019	2.09
ROGUE RIVER LOOP	11.97	12.94	2.09
HAVANA-HELIX	8.361201941	8.365799431	2.09
POWERS	4.517153123	4.581128824	2.09
CELILO-WASCO	1.14E-13	0.19	2.09
UKIAH-HILGARD	47.011	47.019	2.09
SISKIYOU	12.02	12.124	2.09
SILETZ	18.6890581	18.9408211	2.09
ANTELOPE	0.79	3.07	2.09
STEENS	28.64064665	91.16	2.09
MAPLETON-JUNCTION CITY	47.41	47.5	2.09
ALBANY-LYONS	2.815669933	2.852582786	2.09
JACKSONVILLE	27.21	27.26	2.09
KINGS VALLEY	5.306860641	5.343173064	2.09
SILETZ	26.16956997	30.89581713	2.09
POWERS	16.99	17	2.09
MEDICAL SPRINGS	0.25	0.49	2.09
WARNER	7.31	7.32	2.09
SUNNYSIDE-UMAPINE	5.64	5.93	2.09
PARMA SPUR	13.5290418	15.26	2.09
HOOD RIVER	18.34379774	19.04	2.09
CORVALLIS-LEBANON	6.361924095	6.530023543	2.09
HUNTINGTON	1.14E-13	0.38	2.09
SAMS VALLEY	7.26	9.930409173	2.09
POWERS	0.323513419	0.33	2.09
WESTON-ELGIN	-1.34	-1.18	2.09
CHILOQUIN	3.24	3.304	2.09
ALBANY-LYONS	23.39772833	23.50714879	2.09
WASCO-HEPPNER	13.754	13.77173848	2.09
SPRINGFIELD-CRESWELL	5.31	5.46	2.09
FRENCHGLEN	10.5	10.52	2.09
MAPLETON-JUNCTION CITY	50.11345838	50.28801699	2.09
OLDS FERRY-ONTARIO	23.98	24	2.09
SISKIYOU	12.02	12.36	2.09
SILETZ	18.00657696	18.0945106	2.09
POWERS	4.389357172	4.397054624	2.09
MEDICAL SPRINGS	0.769	0.775983265	2.09
WASCO-HEPPNER	11.91047351	11.9287314	2.09
CENTURY DRIVE	18.42	19.19	2.09
CELILO-WASCO	1.14E-13	0.253	2.09
MEDICAL SPRINGS	1.018153551	1.04	2.09
CHILOQUIN	3.700023502	4.251974154	2.09
HALSEY-SWEET HOME	9.674825926	9.684976928	2.09
WASCO-HEPPNER	83.16	83.17759478	2.09
O NEIL	11.79333906	12.43328892	2.09
WEISER SPUR	11.65	11.77	2.09
SPRINGFIELD-CRESWELL	5.123367272	5.31	2.09
ROGUE RIVER LOOP	22.21	22.24	2.09
WASCO-HEPPNER	79.03478877	79.0667602	2.09
HERMISTON	10.28715915	10.305568	2.09
WASCO-HEPPNER	83.143	83.16	2.09
POWERS	1.14E-13	6.00E-03	2.09
OLDS FERRY-ONTARIO	21.8976793	22.27539703	2.09
DOOLEY MOUNTAIN	28.96	36.62	2.09
WASCO-HEPPNER	80.57016027	80.61234553	2.09
SPRINGFIELD-CRESWELL	13.282	13.59759414	2.09
SILETZ	15.57513913	15.6590781	2.09
WASCO-HEPPNER	74.35009009	74.352	2.09
STEENS	22.34	28.13569642	2.09
SAMS VALLEY	6.987856806	7.025	2.09
ALBANY-LYONS	4.296755135	4.3	2.09
SISKIYOU	7.543406609	7.549	2.09
SILETZ	21.35433528	21.363487	2.09
HAVANA-HELIX	8.974	8.99565967	2.09
POWERS	5.459195212	5.485205448	2.09
ANTELOPE	0.71744448	0.79	2.09
WASCO-HEPPNER	12.698	12.7032447	2.09
JACKSONVILLE	26.08553912	27.21	2.09
KINGS VALLEY	21.06	21.08	2.09
ROGUE RIVER LOOP	5.370061369	10.08938466	2.09
TERRITORIAL	25.49164751	42.08	2.09
EDDYVILLE-BLODGETT	14.18	14.21	2.09
CELILO-WASCO	0.19	0.21	2.09
MEDICAL SPRINGS	20.37	23.48	2.09

CHILOQUIN	3.41	3.700023502	2.09
HALSEY-SWEET HOME	13.55	16.4871513	2.09
WESTON-ELGIN	15.32	15.41	2.09
WASCO-HEPPNER	14.38815252	14.61853779	2.09
O NEIL	3.065271586	11.01838377	2.09
HOOD RIVER	4.984939515	5.015465225	2.09
SPRINGFIELD-CRESWELL	11.72753808	11.7625761	2.09
WESTON-ELGIN	-1.155	-1.152850252	2.09
OLDS FERRY-ONTARIO	22.281	22.297	2.09
PINE CREEK	0.350250789	0.79	2.09
SILETZ	15.26648936	15.36	2.09
WASCO-HEPPNER	83.019	83.02184008	2.09
FRENCHGLEN	59.27133281	63.32	2.09
MAPLETON-JUNCTION CITY	47.6	47.68	2.09
HALSEY-SWEET HOME	5.480023453	6.130023493	2.09
SILETZ	22.67	22.78766097	2.09
HAVANA-HELIX	8.83	8.856	2.09
POWERS	0.124739581	0.13	2.09
WARNER	7.32	9.33	2.09
SPRINGFIELD-CRESWELL	12.82340971	13.23918758	2.09
SILETZ	14.77	14.83223931	2.09
COQUILLE-BANDON	1.73	1.76	2.09
WASCO-HEPPNER	77.418	77.47658558	2.09
MAPLETON-JUNCTION CITY	47.68	49.64	2.09
ALBANY-LYONS	5.036836066	5.040159998	2.09
SILETZ	17.49420039	17.763	2.09
HAVANA-HELIX	3.087309434	3.455	2.09
POWERS	0.221229985	2.456033316	2.09
WASCO-HEPPNER	71.4265463	71.639	2.09
WASCO-HEPPNER	12.04729251	12.065	2.09
KINGS VALLEY	5.393840782	5.407571017	2.09
EDDYVILLE-BLODGETT	10.92	10.93	2.09
ATHENA-HOLDMAN	10.81674672	10.82	2.09
COOS RIVER	2.200100986	2.45	2.09
CELILO-WASCO	0.21	4.8	2.09
MEDICAL SPRINGS	38.51	38.75	2.09
CHILOQUIN	3.304	3.36	2.09
WESTON-ELGIN	11.32	12.15	2.09
WASCO-HEPPNER	14.823	14.876	2.09
O NEIL	0.920726073	1.000523526	2.09
SPRINGFIELD-CRESWELL	11.63	11.71062495	2.09
WESTON-ELGIN	19.09	19.43	2.09
OLDS FERRY-ONTARIO	20.80353178	20.96	2.09
HALFWAY-CORNUCOPIA	5.62	8.72	2.09
ALBANY-LYONS	22.782	22.922	2.09
CULVER	9.34	9.710023505	2.09
ANTELOPE	13.49	13.52	2.09
STEENS	1.73	6.54	2.09
JACKSONVILLE	13.78	13.79	2.09
SILETZ	25.948	26.049	2.09
HAVANA-HELIX	3.719147289	4.568750229	2.09
POWERS	0.124739581	0.13	2.09
MADRAS-PRINEVILLE	4.498822414	6.440829109	2.09
WASCO-HEPPNER	13.24749326	13.271	2.09
PARMA SPUR	12.66288627	13.07	2.09
CORVALLIS-LEBANON	6.217776845	6.331512489	2.09
HUNTINGTON	0.378	0.389	2.09
SAMS VALLEY	16.08352195	16.59018837	2.09
MEDICAL SPRINGS	38.66	38.94	2.09
COVE	21.32002352	21.748	2.09
WASCO-HEPPNER	13.697	13.72342216	2.09
O NEIL	0.892	0.895854803	2.09
WEISER SPUR	11.77	12.36310899	2.09
CLARKS BRANCH CONN. NO. 5	112.94	113.2	2.03
CLARKS BRANCH CONN. NO. 3	113.41	113.59	2.03
SUNNY VALLEY CONN. NO. 3	71.45	71.52	2.03
JUMPOFF JOE CONN. 2	66.30028997	66.48	2.03
CANYONVILLE CONN. NO. 1	98.27595527	98.28	2.03
WILBUR-UMPQUA FRONTAGE RD.	131.971	132.01	2.03
SEXTON MTN. FRONTAGE RD.	66.51	66.79743562	2.03
CLARKS BRANCH CONN. NO. 2	113.464	113.49	2.03
Q STREET CONN. NO. 4	193.9497643	193.9497643	2.03
Q STREET CONN. NO. 4	193.9497643	193.9497643	2.03
CANYONVILLE CONN. NO. 3	99.19	99.21447758	2.03
SUNNY VALLEY FRONT. RD. #2	71.21	71.42	2.03
N CANYONVILLE CONN. NO. 1	99.01	99.21	2.03
SUNNY VALLEY CONN. NO. 2	71.51	71.56	2.03

SUNNY VALLEY CONN. NO. 3	71.389	71.45	2.03
SUNNY VALLEY FRONT. RD. #1	71.55096996	72.05	2.03
CLARKS BRANCH CONN. NO. 2	113.442	113.464	2.03
CANYONVILLE CONN. NO. 3	98.73	98.96	2.03
SUNNY VALLEY CONN. NO. 3	71.24	71.3	2.03
SUNNY VALLEY CONN. NO. 3	71.33	71.361	2.03
SUNNY VALLEY CONN. NO. 3	71.366	71.384	2.03
CLARKS BRANCH CONN. NO. 4	113.66	113.87	2.03
N CANYONVILLE CONN. NO. 4	99.04	99.29	2.03
SUNNY VALLEY CONN. NO. 3	71.361	71.366	2.03
SUNNY VALLEY CONN. NO. 3	71.3	71.33	2.03
CANYONVILLE CONN. NO. 1	98.31	98.5	2.03
CLARKS BRANCH CONN. NO. 1	113.2629865	113.42	2.03
SUNNY VALLEY CONN. NO. 3	71.384	71.389	2.03
S TIGARD CONN. NO. 3	292.2786868	292.2786868	2.03
COLUMBIA RIVER HWY CONN. 4	301.1652833	301.1652833	2.03
S TIGARD CONN. NO. 3	292.260323	292.260323	2.03
MOSIER INTCHGE. CONN. NO.3	70.12738053	70.13	2.03
DEL RIO RD. CONN. NO. 5	129.0156601	129.0156601	2.03
MOSIER INTCHGE. CONN. NO.3	70.12738053	70.13	2.03
S TIGARD CONN. NO. 1	292.1563192	292.1563192	2.03
COLUMBIA RIVER HWY CONN. 4	301.1652833	301.1652833	2.03
MOSIER INTCHGE. CONN. NO.3	70.01	70.12738053	2.03
S TIGARD CONN. NO. 3	292.2543071	292.2543071	2.03
N CANYONVILLE CONN. NO. 2	99.48	99.52941925	2.03
MOSIER INTCHGE. CONN. NO.3	70.12738053	70.13	2.03
COLUMBIA RIVER HWY CONN. 4	301.1652833	301.1652833	2.03
MOSIER INTCHGE. CONN. NO.3	70.12738053	70.13	2.03
DEL RIO RD. CONN. NO. 5	129.0247785	129.0247785	2.03
REED MARKET RD. CONN. NO 6	139.08	139.08	2.03
WEST LINN INTER. CONN.NO.2	11.40281655	11.40281656	2.03
OLD EMIGRANT HILL FR. NO.1	234.91	235.045	2.03
N POWDER CONN. NO. 2	285.82	285.97	2.03
REED MARKET RD. CONN. NO 2	139.24	139.24	2.03
MOSIER INTCHGE. CONN. NO.4	69.75	69.753	2.03
CENTRAL OREGON	266.18	266.31	2.03
MOSIER INTCHGE. CONN. NO.4	69.61	69.654	2.03
MOSIER INTCHGE. CONN. NO.4	69.654	69.661	2.03
WEST LINN INTER. CONN.NO.2	11.17026665	11.17026671	2.03
OLD EMIGRANT HILL FR. NO.1	235.069	235.11	2.03
	2.728649078	2.728649083	2.03
MOSIER INTCHGE. CONN. NO.1	69.79	69.836	2.03
CENTRAL OREGON	265.9678594	265.97	2.03
MOSIER INTCHGE. CONN. NO.4	69.75	69.84	2.03
	2.728649005	2.728649078	2.03
OLD EMIGRANT HILL FR. NO.1	235.18	235.205135	2.03
MOSIER INTCHGE. CONN. NO.2	69.77	69.93	2.03
CENTRAL OREGON	265.97	266.18	2.03
OLD EMIGRANT HILL FR. NO.1	239.07	239.279	2.03
WEST LINN INTER. CONN.NO.2	11.17477026	11.17477032	2.03
N POWDER CONN. NO. 1	285.51	285.69	2.03
EMPIRE AVE. CONN. NO. 4	135.23	135.23	2.03
OLD EMIGRANT HILL FR. NO.1	234.6400813	234.91	2.03
MOSIER INTCHGE. CONN. NO.1	69.63	69.79	2.03
OLD EMIGRANT HILL FR. NO.1	235.11	235.18	2.03
MOSIER INTCHGE. CONN. NO.4	69.75	69.753	2.03
OLD EMIGRANT HILL FR. NO.1	237.0073994	237.507	2.03
MOSIER INTCHGE. CONN. NO.1	69.836	70	2.03
MOSIER INTCHGE. CONN. NO.4	69.661	69.75	2.03
CENTRAL OREGON	266.31	266.3813739	2.03
CAYUSE-ADAMS FRONTAGE RD.	12.16983174	12.2	2.03
REVERE AVE. CONN. NO. 5	137.12	137.12	2.03
WEST LINN INTER. CONN.NO.2	11.16087712	11.16087712	2.03
OLD EMIGRANT HILL FR. NO.1	238.778817	239.02	2.03
MOSIER INTCHGE. CONN. NO.4	69.75	69.753	2.03
OLD EMIGRANT HILL FR. NO.1	239.02	239.07	2.03
WEST LINN INTER. CONN.NO.2	11.3953665	11.39536652	2.03
OLD EMIGRANT HILL FR. NO.1	235.045	235.069	2.03
COLORADO AVE. CONN. NO. 5	138.05	138.05	2.03
CAYUSE-ADAMS FRONTAGE RD.	12.2	12.23	2.03
DEADMANS PASS MEACHAM FR.	233.5362664	234.0591014	2.03
	99.971	99.99	2.03
	28.39	28.63692213	2.03
TUALATIN VALLEY	34.179	34.2	2.03
	99.95	99.952	2.03
TUALATIN VALLEY	37.72	37.92	2.03
	99.91	99.948	2.03

ALSEA	0.28	0.44	2.03
SUNSET BLVD. CONN. NO. 4	29.47	29.56	2.03
FRONTAGE RD. CONN. 1	5.74	5.83	2.03
	99.948	99.95	2.03
	99.948	99.95	2.03
ALSEA	0.5	0.657490074	2.03
WARREN O'XING CONN. NO. 2	31.12	31.23	2.03
TUALATIN VALLEY	34.52589462	34.62	2.03
ZIGZAG FRONTAGE RD. NO. 1	43.92	44.08	2.03
WARREN O'XING CONN. NO. 2	31.23	31.3	2.03
E. ARLIE MITCHELL RD. NO 2	43.99	44.08	2.03
ALSEA	0.26	0.28	2.03
	99.95	99.952	2.03
SUNSET BLVD. CONN. NO. 4	29.7	29.84	2.03
TUALATIN VALLEY	34.27	34.47	2.03
	99.95	99.952	2.03
TUALATIN VALLEY	34.62	34.66946623	2.03
	99.95	99.967	2.03
ALSEA	0.2	0.26	2.03
HOGUE DR. CONN.	20.26	20.37	2.03
	99.971	99.99	2.03
SUNSET BLVD. CONN. NO. 4	29.69	29.7	2.03
FIRWOOD CONN.	26.86	26.89	2.03
	99.91	99.948	2.03
TUALATIN VALLEY	37.5863948	37.64	2.03
	99.948	99.95	2.03
TUALATIN VALLEY	34.2	34.27	2.03
	99.95	99.952	2.03
	99.948	99.95	2.03
WARREN O'XING CONN. NO. 2	31.05	31.07	2.03
TUALATIN VALLEY	34.47	34.52589462	2.03
TUALATIN VALLEY	37.92	37.96	2.03
MCKENZIE	91.919	92.03	2.03
ALSEA	0.44	0.5	2.03
	99.948	99.95	2.03
BOX CANYON FRONTAGE RD.	45.0746892	45.39	2.03
ALSEA	1.14E-13	0.2	2.03
SUNSET BLVD. CONN. NO. 3	29.56	29.66	2.03
TUALATIN VALLEY	34.66946623	34.68624838	2.03
SUNSET BLVD. CONN. NO. 4	29.56	29.628	2.03
SUNSET BLVD. CONN. NO. 4	29.628	29.69	2.03
	99.948	99.95	2.03
FIRWOOD FRONTAGE RD.	26.79	26.87	2.03
	99.948	99.95	2.03
	229	229.076	2.03
TUALATIN VALLEY	37.96	38.2	2.03
	99.948	99.95	2.03
WARREN O'XING CONN. NO. 4	31.23	31.26	2.03
	99.95	99.968	2.03
	99.95	99.952	2.03
THREE RIVERS	1.14E-13	0.29011395	2.03
	99.95	99.952	2.03
TUALATIN VALLEY	37.64	37.72	2.03
WARREN O'XING CONN. NO. 2	31.07	31.12	2.03
	1.36	1.42	2.03
OTIS CONN.	1.31	1.34	2.03
BEAVERTON-TIGARD CONN NO 4	69.42400284	69.42400289	2.03
185TH AVE. CONN. NO. 3	64.28211752	64.28211752	2.03
BEAVERTON-TIGARD CONN NO 4	69.42839608	69.42839609	2.03
SUNSET CONN. NO. 2	1.659070599	1.659070667	2.03
W. MARQUAM INTCHG. CONN. 2	0.94558304	0.94558306	2.03
OTIS CONN.	1.34	1.36	2.03
185TH AVE. CONN. NO. 3	64.28046324	64.28046326	2.03
STALEYS CONNECTION	45.41	45.47	2.03
185TH AVE. CONN. NO. 3	64.09396422	64.09396424	2.03
SHERIDAN FRONTAGE RD.	34.481	34.51	2.03
SUNSET CONN. NO. 2	1.659070599	1.659070667	2.03
185TH AVE. CONN. NO. 3	64.09396418	64.09396422	2.03
W. MARQUAM INTCHG. CONN. 2	1.15063815	1.150638197	2.03
PACIFIC HIGHWAY WEST	44.7	44.75	2.03
N. POWDER CONN. NO. 1	32.23	32.41	2.03
	4.536269133	4.536269189	2.03
RICKREALL FRONTAGE RD.	57.86	57.98	2.03
	4.582995011	4.582995011	2.03
SE OTTY RD CONN NO 1	15.8721825	15.87218252	2.03
LA GRANDE-BAKER	16.60244097	16.66555569	2.03
PACIFIC HIGHWAY WEST	44.68	44.7	2.03

PACIFIC HIGHWAY WEST	44.86002351	44.89389193	2.03
PACIFIC HIGHWAY WEST	44.39	44.46	2.03
HAYESVILLE CONN. NO. 4	46.14252692	46.14252721	2.03
PACIFIC HIGHWAY WEST	44.55	44.68	2.03
LAKE RD. INTCHGE. CONN.	13.66477615	13.66477619	2.03
HAYESVILLE CONN. NO. 4	46.33417815	46.33417821	2.03
HAYESVILLE CONN. NO. 4	46.14252692	46.14252721	2.03
PACIFIC HIGHWAY WEST	44.31635005	44.39	2.03
PACIFIC HIGHWAY WEST	44.75	44.86002351	2.03
N. POWDER CONN. NO. 2	32.32	32.51	2.03
HAYESVILLE CONN. NO. 4	46.14252692	46.14252721	2.03
PACIFIC HIGHWAY WEST	44.46	44.55	2.03
HAYESVILLE CONN. NO. 4	46.14252692	46.14252721	2.03
WALLACE RD/EDGEWATER ST CN	20.81560155	20.81560162	2.03
HISTORIC COLUMBIA RIVER	57.17163214	57.426	2.03
ALSTON INTERCH. CONN.NO. 1	52.3	52.37035869	2.03
HILLSBORO-SILVERTON	45.99159823	46.01678361	2.03
SUNSET HWY CONN. NO. 1	6.31E-02	6.31E-02	2.03
YAMHILL-NEWBERG	1.14E-13	4.00E-02	2.03
BELLEVUE-HOPEWELL	6.03	6.23	2.03
HILLSBORO-SILVERTON	46.12773416	46.13	2.03
HISTORIC COLUMBIA RIVER	57.05942119	57.08835175	2.03
	37.01760991	37.01760999	2.03
BELLEVUE-HOPEWELL	6.3	6.519401777	2.03
NETARTS	2.32	2.48	2.03
NETARTS	2.71	2.87	2.03
NETARTS	1.14E-13	0.24	2.03
HISTORIC COLUMBIA RIVER	57.426	57.57	2.03
SUNSET HWY CONN. NO. 1	6.31E-02	6.31E-02	2.03
BELLEVUE-HOPEWELL	5.987673394	6.03	2.03
YAMHILL-NEWBERG	4.00E-02	7.00E-02	2.03
HILLSBORO-SILVERTON	45.94464536	45.96573212	2.03
NETARTS	2.87	2.900980733	2.03
HISTORIC COLUMBIA RIVER	57.57	57.71433236	2.03
HILLSBORO-SILVERTON	45.91361265	45.94464536	2.03
NETARTS	2.16	2.32	2.03
YAMHILL-NEWBERG	10.96907845	10.9700235	2.03
NETARTS	2.48	2.71	2.03
	36.93422335	36.935	2.03
SUNSET HWY CONN. NO. 6	2.87E-02	2.87E-02	2.03
YAMHILL-NEWBERG	7.00E-02	0.255765339	2.03
CULVER	8.840000401	8.92	2.03
SUCCOR CREEK	9.80E-02	0.153867148	2.03
CULVER	9.06	9.094863161	2.03
ALBANY-LYONS	24.33002351	24.36	2.03
CULVER	8.92	8.98	2.03
ALBANY-LYONS	24.3262345	24.33002351	2.03
WOLCOTT RD. FRONTAGE RD.	1.03	1.22	2.03
MEDICAL SPRINGS	1.14E-13	0.209999824	2.03
CULVER	8.98	9.06	2.03
SUMPTER	0.87	0.959930494	2.03
SUCCOR CREEK	2.00E-02	6.20E-02	2.03
ALBANY-LYONS	24.36	24.41	2.03
WOODBURN-ESTACADA HWY CONN	23.3	23.38	2.03
ALBANY-LYONS	24.28800541	24.28963296	2.03
SUMPTER	0.52	0.87	2.03
S. WOLF CREEK CONN. NO. 2	76.06	76.08	2
HOUSE CREEK FRONTAGE RD.	64.74	64.87	2
SCHOOLHOUSE CREEK FR. RD.	64.89	64.911	2
S. WOLF CREEK CONN. NO. 2	76.036	76.06	2
BATTLE CREEK CONN. NO. 5	248.3	248.3298425	2
S. WOLF CREEK CONN. NO. 2	76.026	76.036	2
SCHOOLHOUSE CREEK FR. RD.	64.911	64.96	2
SCHOOLHOUSE CREEK FR. RD.	64.87	64.89	2
S. WOLF CREEK CONN. NO. 2	75.96	76.026	2
HOUSE CREEK FRONTAGE RD.	64.87	64.99315551	2
SUNNYSIDE RD. NO. 1	247.5960469	248.47	2
S. WOLF CREEK CONN. NO. 2	75.93	75.96	2
THE DALLES-CALIFORNIA	45.2	45.57	2
THE DALLES-CALIFORNIA	44.83003112	45.09	2
JOHN DAY	38.27	38.34	2
JOHN DAY	92.6	92.78983609	2
JOHN DAY	38.07	38.27	2
CENTRAL OREGON	265.83	265.8887798	2
THE DALLES-CALIFORNIA	46.08	46.211	2
THE DALLES-CALIFORNIA	45.57	45.77	2
JOHN DAY	38.38	38.64002352	2

CENTRAL OREGON	265.7837777	265.83	2
UMATILLA-STANFIELD INTCHG.	184.91	184.91	2
JOHN DAY	37.71985778	37.79	2
THE DALLES-CALIFORNIA	45.77	45.96	2
UMATILLA-STANFIELD INTCHG.	184.91	184.91	2
THE DALLES-CALIFORNIA	45.96	46.08	2
	44.18	44.4	2
JOHN DAY	92.27	92.6	2
CENTRAL OREGON	265.68	265.6950567	2
JOHN DAY	37.79	38.07	2
JOHN DAY	92.1801837	92.27	2
JOHN DAY	38.34	38.38	2
JOHN DAY	38.64002352	38.68028792	2
N DUFUR FRONTAGE RD.	12.54	12.75	2
THE DALLES-CALIFORNIA	45.09	45.2	2
FOSSIL FRONTAGE RD.	58.09	58.15	2
STEWART CREEK FRONTAGE RD.	14.58	14.61	2
FREMONT	98.21992529	98.23002349	2
DAIRY-BONANZA	6.924305302	6.97	2
FREMONT	98.23002349	98.25	2
CRATER LAKE	20.09	20.28992517	2
ALSEA	39.69594138	39.7372325	2
SUNNY HILL FRONTAGE RD.	3.15	3.4	2
FREMONT	98.89002349	98.89008536	2
	29.251	29.34	2
E. WOODLANDS DR. FRONT. RD	42.55	42.70662795	2
FREMONT	98.39	98.47	2
CRATER LAKE	20.03977229	20.09	2
FREMONT	98.53	98.89002349	2
REEDSPORT FRONTAGE RD.	212.69	213.23	2
W. PLEASANT HILL FRONT. RD	5.33	5.73	2
TUALATIN VALLEY	34.7032509	34.71026552	2
JOLENE DR. FRONT. RD	5.29	5.46	2
FREMONT	98.25	98.39	2
ALSEA	39.76342014	39.80673315	2
	29.22549046	29.251	2
ALSEA	40.07870863	40.11990013	2
SE KELSO FRONTAGE RD.	21.07	21.15	2
FREMONT	98.47	98.53	2
HEPPNER	45.55990592	45.564	2
HEPPNER	45.83619072	45.89	2
S. CEDAR ST. CONN. NO. 2	50.23	50.25	2
HEPPNER	46.32925121	46.3398317	2
HEPPNER	46.02	46.05307129	2
BLODGETT FRONTAGE ROAD	39.44	39.49567593	2
HEPPNER	45.68369328	45.74	2
BOOTH BEND FRONTAGE RD.	45.16	45.29	2
HEPPNER	45.61	45.68	2
LA GRANDE-BAKER	31.40860654	31.41002352	2
PACIFIC HIGHWAY WEST	44.931	44.93537511	2
PACIFIC HIGHWAY WEST	101.01	101.15	2
LA GRANDE-BAKER	16.86	16.91	2
LA GRANDE-BAKER	31.54	31.76	2
LA GRANDE-BAKER	32.56531978	32.6501764	2
LA GRANDE-BAKER	16.91	16.94000005	2
PACIFIC HIGHWAY WEST	44.24530193	44.26	2
PACIFIC HIGHWAY WEST	100.6599998	100.9	2
LA GRANDE-BAKER	31.76	31.84	2
PACIFIC HIGHWAY WEST	100.9	100.9100235	2
LA GRANDE-BAKER	15.93655672	16.1034359	2
PACIFIC HIGHWAY WEST	101.15	101.1801816	2
LA GRANDE-BAKER	31.84	31.92154343	2
PACIFIC HIGHWAY WEST	100.9100235	101.01	2
LA GRANDE-BAKER	31.41002352	31.54	2
	9.08	9.09	2
	8.79	8.870017378	2
G FRONTAGE RD.	17.61	17.78	2
NEHALEM HWY CONN.	11.85	11.89	2
MILL CITY CONN.	30.17872955	30.29	2
G FRONTAGE RD.	17.59	17.61	2
	8.78	8.79	2
S FRONTAGE RD.	17.05	17.14	2
MIST-CLATSKANIE	0.650023493	0.790081605	2
	8.980026968	9.08	2
F FRONTAGE RD.	17.4	17.59	2
MIST-CLATSKANIE	0.364	0.37	2
	8.956031953	8.959961345	2

	8.95599483	8.956031953	2
HISTORIC COLUMBIA RIVER	31.28	31.63985276	2
MILL CITY CONN.	30.03	30.17872955	2
MIST-CLATSKANIE	0.37	0.650023493	2
LITTLE SHEEP CREEK	29.33035912	29.36	2
HALFWAY-CORNUCOPIA	10.97	11.04	2
WASCO-HEPPNER	40.63	40.68	2
POWERS	18.33	18.37777136	2
HUNTINGTON	5.569	5.6	2
WESTON-ELGIN	40.24002349	40.25	2
STEENS	0.336729613	0.349999981	2
SHANIKO-FOSSIL	42.94	42.95	2
POWERS	18.03	18.15	2
PORT ORFORD	0.456686936	0.5	2
HALFWAY-CORNUCOPIA	11.04	11.45	2
LITTLE SHEEP CREEK	0.258	0.310060442	2
PORT ORFORD	0.111527962	0.24	2
SUCCOR CREEK	11.98	12.18	2
HUNTINGTON	5.82	5.989759432	2
WESTON-ELGIN	40.22000005	40.24002349	2
PORT ORFORD	0.33	0.456686936	2
SUCCOR CREEK	11.7198724	11.72002353	2
WESTON-ELGIN	40.25	40.59865247	2
COVE	13.72	13.72999012	2
SUCCOR CREEK	12.18	12.221	2
WASCO-HEPPNER	40.43999979	40.63	2
POWERS	18.15	18.33	2
BAKER-COPPERFIELD SPUR	54.509	54.7	2
POWERS	17.92999937	18.03	2
SILETZ	23.59022607	23.63717278	2
CHILOQUIN SPUR	4.39	4.53	2
COVE	13.30999987	13.72	2
ATHENA-HOLDMAN	17.02999974	17.09	2
WASCO-HEPPNER	84.11555146	84.12	2
HUNTINGTON	5.6	5.82	2
CHILOQUIN SPUR	4.53	4.58	2
SHANIKO-FOSSIL	42.95	42.98	2
PORT ORFORD	0.51	0.62	2
PINE CREEK	1.14E-13	0.15002351	2
SHANIKO-FOSSIL	42.80974472	42.94	2
STEENS	0.186833993	0.189113585	2
PLEASANT HILL FRONTAGE RD.	7.87	7.98	2
WASCO-HEPPNER	84.03	84.0705082	2
PINE CREEK	0.15002351	0.228536213	2
STEENS	0.288490215	0.292087457	2
ATHENA-HOLDMAN	17.14917828	17.14980102	2
ATHENA-HOLDMAN	17.09	17.14917828	2
HALFWAY-CORNUCOPIA	10.93	10.95002353	2
PORT ORFORD	0.24	0.33	2
HALFWAY-CORNUCOPIA	10.62017385	10.93	2
PORT ORFORD	0.5	0.51	2
SUCCOR CREEK	11.72002353	11.98	2
SUCCOR CREEK	12.221	12.26043183	2
HALFWAY-CORNUCOPIA	10.95002353	10.97	2
SUCCOR CREEK	0.5	0.509999897	2
PORT ORFORD	0.62	0.76	2
ALBANY-LYONS	24.23	24.28006201	2
WASCO-HEPPNER	40.88	41.18000067	2
STEENS	0.233676597	0.242652494	2
KIMBERLY-LONG CREEK	34.589	34.62368335	2
SUCCOR CREEK	0.416072931	0.5	2
LITTLE SHEEP CREEK	0.247577591	0.258	2
S CENTURY DRIVE CONN. 1	152.82	153	1.39
COTTONWOOD CONN. NO. 6	150.66	150.99	1.39
COTTONWOOD CONN. NO. 2	151.23	151.38	1.39
UMATILLA ELECTRIC COOP FR	167.83	168.23	1.39
S CENTURY DRIVE CONN. 6	152.5417965	152.82	1.39
COTTONWOOD CONN. NO. 5	151.6	151.9	1.39
REED MARKET RD. CONN. NO 3	139.01	139.01	1.39
COTTONWOOD CONN. NO. 1	151.23	151.3	1.39
JOHN DAY	183.25	183.25	1.39
S CENTURY DRIVE CONN. 2	153	153.21	1.39
S CENTURY DRIVE CONN. 5	153.33	153.33	1.39
S CENTURY DRIVE CONN. 1	153	153.1	1.39
BAKER RD INTCHGE CONN NO 2	143.16	143.16	1.39
COTTONWOOD CONN. NO. 1	150.98	151.23	1.39
POWERS RD. CONN. NO. 4	139.92	139.92	1.39

COTTONWOOD CONN. NO. 4	151.31	151.57	1.39
EMPIRE AVE. CONN. NO. 1	135.37	135.37	1.39
	64.003	64.04	1.39
FREMONT	157.71	157.73	1.39
OREGON COAST	50.7	50.7620431	1.39
	63.744	63.93165406	1.39
	64	64.04	1.39
	64.04	64.27	1.39
	64.04	64.09	1.39
	63.74	63.86	1.39
	63.93165406	63.998	1.39
OREGON COAST	50.52032635	50.7	1.39
	63.58	63.721	1.39
WILLAMINA-SALEM HWY CONN.	27.14317163	27.27	1.39
JOHN DAY-BURNS	2.360023534	2.361561348	1.39
JOHN DAY-BURNS	2.369717246	2.445133108	1.39
JOHN DAY-BURNS	2.109870059	2.360023534	1.39
DERSHAM RD. CONN. NO. 4	55.38	55.6	1.39
FORT HILL RD. CONN. NO. 1	24.72	24.73521656	1.39
	60.72806513	60.72806515	1.39
SHERMAN	18.04	18.37024726	1.39
DERSHAM RD. CONN. NO. 5	54.68	54.93	1.39
FORT HILL RD. CONN. NO. 3	24.61	24.74	1.39
FORT HILL RD. CONN. NO. 2	24.90770178	24.94	1.39
WILSON RIVER HWY CONN.	53.21	53.34	1.39
N. PLAINS CONN. NO. 4	57.25	57.53	1.39
JOHN DAY-BURNS	2	2.018064546	1.39
N. PLAINS CONN. NO. 5	56.71	56.92617416	1.39
FORT HILL RD. CONN. NO. 4	24.2	24.4	1.39
SHERMAN	17.95016463	18.04	1.39
E SALMON RIVER HWY CONN 1	29.85	29.9	1.39
NEHALEM	87.75348845	87.758	1.39
NEHALEM	87.91	88.08	1.39
FERN RIDGE RD. CONN. NO. 2	14.40229658	14.45	1.39
E SALMON RIV. HWY CONN. 2	29.81	29.86	1.39
WALLACE BRIDGE CONN. NO. 2	0.54	0.6	1.39
PACIFIC	162.19	162.347	1.09
PACIFIC	76.80484045	80.96	1.09
PACIFIC	108.4834187	112.8172455	1.09
PACIFIC	0.69	0.953	1.09
PACIFIC	65.04966088	66.36670118	1.09
PACIFIC	1.14E-13	0.74	1.09
PACIFIC	244.91	247.5884395	1.09
PACIFIC	108.49	112.7644186	1.09
PACIFIC	216.557	228.134	1.09
PACIFIC	162.39	168.37	1.09
PACIFIC	63.67062372	64.33812785	1.09
PACIFIC	168.763	170.870756	1.09
PACIFIC	66.74480505	71.19516525	1.09
PACIFIC	216.566	228.095	1.09
PACIFIC	71.60250578	75.70476401	1.09
PACIFIC	81	97.80914531	1.09
PACIFIC	0.958	4.645	1.09
PACIFIC	0.953	4.583	1.09
PACIFIC	105.737485	106.759	1.09
PACIFIC	4.645	5.372	1.09
PACIFIC	162.347	168.46	1.09
PACIFIC	137.598921	162.34	1.09
PACIFIC	168.46	168.763	1.09
PACIFIC	162.34	162.39	1.09
PACIFIC	66.79444091	71.22344744	1.09
PACIFIC	76.77166881	97.79057279	1.09
PACIFIC	0.74	0.958	1.09
PACIFIC	106.691	107.971	1.09
PACIFIC	244.677	244.88	1.09
PACIFIC	65.06166434	66.35199709	1.09
PACIFIC	105.7134047	106.691	1.09
PACIFIC	106.759	108.0105457	1.09
PACIFIC	4.583	5.293	1.09
PACIFIC	244.88	247.5658223	1.09
SISKIYOU HWY. CONN. NO. 1	5.37	5.372	1.09
PACIFIC	244.691	244.91	1.09
PACIFIC	71.63551697	75.70681869	1.09
SCOTTS VALLEY CONN. NO. 1	159.467	159.51	1.09
PACIFIC	1.14E-13	0.69	1.09
PACIFIC	168.37	168.759	1.09
PACIFIC	168.759	170.882	1.09

PACIFIC	63.71083747	64.407825	1.09
PACIFIC	137.594	162.19	1.09
GLENDALE CONN. NO. 4	80.786	80.79	1.09
COLUMBIA RIVER	147.366	163.6696606	1.09
VIENTO STATE PK. CONN NO 1	55.83	55.8480295	1.09
COLUMBIA RIVER	46.356	52.12979529	1.09
COLUMBIA RIVER	97.149	104.542	1.09
COLUMBIA RIVER	147.11	147.366	1.09
COLUMBIA RIVER	43.11	43.46830028	1.09
COLUMBIA RIVER	191.34	203.28	1.09
COLUMBIA RIVER	186.9105971	191.34	1.09
COLUMBIA RIVER	96.95	97.147	1.09
COLUMBIA RIVER	95.81	95.91	1.09
COLUMBIA RIVER	43.38	43.52335733	1.09
COLUMBIA RIVER	165.2325244	167.73	1.09
COLUMBIA RIVER	96.92	97.149	1.09
COLUMBIA RIVER	44.88919254	46.356	1.09
COLUMBIA RIVER	147.12	147.36	1.09
COLUMBIA RIVER	138.0167562	147.12	1.09
COLUMBIA RIVER	104.542	137.6550242	1.09
COLUMBIA RIVER	97.147	104.562	1.09
COLUMBIA RIVER	147.36	163.6363258	1.09
COLUMBIA RIVER	35.166	35.58	1.09
COLUMBIA RIVER	35.63	43.38	1.09
THE DALLES DAM CONN. NO. 1	89.01	89.02	1.09
COLUMBIA RIVER	52.12979529	52.64011043	1.09
COLUMBIA RIVER	180.654	180.7200235	1.09
COLUMBIA RIVER	35.58	43.11	1.09
COLUMBIA RIVER	138.0155174	147.11	1.09
COLUMBIA RIVER	137.59	137.6362689	1.09
COLUMBIA RIVER	35.157	35.63	1.09
COLUMBIA RIVER	165.2248115	167.58	1.09
STARVATION CR. CONN. NO. 2	54.95403762	54.99	1.09
COLUMBIA RIVER	104.562	137.59	1.09
COLUMBIA RIVER	44.85800659	46.325	1.09
JOHN DAY	17.132	17.13444529	1.09
OLD OREGON TRAIL	182.86	188.568857	1.09
JOHN DAY	19.07674572	19.09932851	1.09
OLD OREGON TRAIL	235.9856458	237.4953929	1.09
OLD OREGON TRAIL	355.77	356.225	1.09
OLD OREGON TRAIL	263.2002903	264.962	1.09
JOHN DAY	1.14E-13	3.83E-02	1.09
OLD OREGON TRAIL	264.962	284.8191908	1.09
OLD OREGON TRAIL	167.58	167.955	1.09
OLD OREGON TRAIL	306.78	342.52	1.09
DEADMAN PASS CONN. NO. 5	229.11	229.1263038	1.09
OLD OREGON TRAIL	179.39	179.83	1.09
JOHN DAY	19.22878499	19.24709036	1.09
OLD OREGON TRAIL	225.54	233.5481005	1.09
OLD OREGON TRAIL	259.19	259.332	1.09
JOHN DAY	1.357891236	1.93	1.09
OLD OREGON TRAIL	216.29	224.89	1.09
CENTRAL OREGON	262.6672464	264.9200235	1.09
JOHN DAY	19.151	19.17005525	1.09
OLD OREGON TRAIL	298.655	298.9	1.09
OLD OREGON TRAIL	253.03	259.19	1.09
JOHN DAY	1.93	2.09	1.09
THE DALLES-CALIFORNIA	131.646	132.1500235	1.09
OLD OREGON TRAIL	324.61	324.67	1.09
OLD OREGON TRAIL	237.6911183	252.0328179	1.09
JOHN DAY	4.69	16.84	1.09
OLD OREGON TRAIL	213.038	213.32	1.09
OLD OREGON TRAIL	342.915	342.917	1.09
JOHN DAY	19.83314199	19.85470626	1.09
JOHN DAY	4	4.68	1.09
OLD OREGON TRAIL	213.32	215.6292826	1.09
CENTRAL OREGON	264.99	265.17	1.09
STANTON BLVD. CONN. NO. 5	371.447	371.46	1.09
JOHN DAY	17.02	17.03059762	1.09
OLD OREGON TRAIL	182.868	188.531584	1.09
S LA GRANDE CONN. NO. 2	265.33	265.3439199	1.09
JOHN DAY	17.797	17.84404475	1.09
OLD OREGON TRAIL	188.914875	189.11	1.09
OLD OREGON TRAIL	213.039	213.37	1.09
JOHN DAY	19.52457341	19.54505458	1.09
OLD OREGON TRAIL	167.966	179.39	1.09
OLD OREGON TRAIL	286.251	298.677	1.09

JOHN DAY	17.192	17.318	1.09
OLD OREGON TRAIL	342.892	353.02	1.09
OLD OREGON TRAIL	179.45	179.9	1.09
JOHN DAY	19.26	19.37260141	1.09
OLD OREGON TRAIL	215.7668157	216.04	1.09
OLD OREGON TRAIL	342.915	353.056	1.09
CENTRAL OREGON	264.9200235	264.99	1.09
OLD OREGON TRAIL	264.927	284.8630867	1.09
JOHN DAY	19.681	19.778	1.09
OLD OREGON TRAIL	353.02	353.34	1.09
JOHN DAY	19.57268704	19.60502128	1.09
OLD OREGON TRAIL	353.34	356.01	1.09
OLD OREGON TRAIL	213.37	216.053	1.09
OLD OREGON TRAIL	356.225	371.428	1.09
JOHN DAY	18.79869222	18.832	1.09
OLD OREGON TRAIL	216.32	233.5898452	1.09
OLD OREGON TRAIL	179.9	182.86	1.09
OLD OREGON TRAIL	216.04	216.29	1.09
JOHN DAY	18.87870735	19.03446321	1.09
OLD OREGON TRAIL	286.2652954	298.655	1.09
OLD OREGON TRAIL	216.053	216.32	1.09
OLD OREGON TRAIL	167.73	167.966	1.09
OLD OREGON TRAIL	263.2928462	264.927	1.09
OLD OREGON TRAIL	234.0323713	235.8563254	1.09
OLD OREGON TRAIL	342.52	342.915	1.09
OLD OREGON TRAIL	356.01	356.142	1.09
JOHN DAY	17.147	17.165	1.09
OLD OREGON TRAIL	167.955	179.45	1.09
JOHN DAY	3.99	4	1.09
OLD OREGON TRAIL	353.056	353.29	1.09
OLD OREGON TRAIL	356.142	371.475	1.09
CENTRAL OREGON	265.17	265.2089382	1.09
JOHN DAY	17.541	17.55880576	1.09
OLD OREGON TRAIL	179.83	182.868	1.09
OLD OREGON TRAIL	252.9682709	253.03	1.09
JOHN DAY	18.51349084	18.75489532	1.09
JOHN DAY	2.09	3.99	1.09
OLD OREGON TRAIL	306.93	342.6	1.09
OLD OREGON TRAIL	234.0733574	252.0355966	1.09
OLD OREGON TRAIL	342.6	342.892	1.09
JOHN DAY	18.02598918	18.03	1.09
JOHN DAY	19.12658722	19.14748334	1.09
OLD OREGON TRAIL	306.539	306.93	1.09
CENTRAL OREGON	266.7	266.82	1.09
OLD OREGON TRAIL	306.572	306.78	1.09
STANTON BLVD. CONN. NO. 2	371.43	371.44	1.09
JOHN DAY	17.11	17.123	1.09
OLD OREGON TRAIL	252.969	253.36	1.09
OLD OREGON TRAIL	298.677	298.94	1.09
OLD OREGON TRAIL	188.9025885	189.13	1.09
CENTRAL OREGON	266.5679857	266.7	1.09
OLD OREGON TRAIL	353.29	355.77	1.09
THE DALLES-CALIFORNIA	114.916	115.0484133	1.09
JOHN DAY	19.18725383	19.19648945	1.09
OLD OREGON TRAIL	253.36	259.35	1.09
JOHN DAY	4.68	4.69	1.09
OREGON-WASHINGTON	0.990023499	1.012	1.09
JOHN DAY	19.40891298	19.46839166	1.09
ALSEA	40.9213685	41.92147703	1.09
ALSEA	32.879	32.931	1.09
ALSEA	51.25769344	51.671	1.09
ALSEA	42.49573588	42.95959884	1.09
THREE RIVERS	10.96	10.97	1.09
ALSEA	28.4225824	28.43010495	1.09
THREE RIVERS	10.97	23.34	1.09
ALSEA	39.00548074	39.17358816	1.09
ALSEA	47.6290635	47.89	1.09
TUALATIN VALLEY	35.89737089	37.3700235	1.09
ENTERPRISE-LEWISTON	33.76	34.175	1.09
GREEN SPRINGS	54.88473463	56.72002352	1.09
ALSEA	47.9	47.934	1.09
ALSEA	46.204	46.23470927	1.09
ALSEA	40.80471968	40.903	1.09
CRATER LAKE	83.93269102	83.94477039	1.09
ALSEA	37.65046149	37.93703629	1.09
ALSEA	46.57647056	46.59249982	1.09
ALSEA	30.3262625	30.3748715	1.09

ALSEA	48.46258756	48.52289359	1.09
ALSEA	32.46525555	32.6604344	1.09
CRATER LAKE	83.74910848	83.81694936	1.09
ALSEA	50.65822939	50.835	1.09
ALSEA	31.61896644	31.70387695	1.09
ALSEA	45.79874051	46.106	1.09
TUALATIN VALLEY	33.39	33.42388174	1.09
ALSEA	36.83449914	37.63224263	1.09
ALSEA	45.36992412	45.394	1.09
CRATER LAKE	87.62019815	87.63070302	1.09
ALSEA	32.34530072	32.45994034	1.09
ALSEA	50.43	50.476	1.09
SANTIAM	6.478000815	6.48	1.09
CRATER LAKE	85.52372354	86.1339678	1.09
THREE RIVERS	10.95457062	10.96	1.09
ALSEA	51.89905571	51.90562128	1.09
ALSEA	41.95487415	41.9922567	1.09
ALSEA	46.40521205	46.51844991	1.09
ALSEA	44.2607674	44.85777663	1.09
ALSEA	35.60761657	36.828	1.09
THREE RIVERS	23.36	23.845	1.09
GREEN SPRINGS	48.90110171	49.0668035	1.09
ALSEA	46.25048441	46.31931553	1.09
ALSEA	51.922	51.96530824	1.09
GREEN SPRINGS	54.45724247	54.76432733	1.09
ALSEA	27.5599992	27.63328501	1.09
GREEN SPRINGS	46.94816178	47.37764862	1.09
ALSEA	48.08367232	48.426	1.09
TUALATIN VALLEY	38.96410138	40.79	1.09
ALSEA	43.178	43.23928291	1.09
ALSEA	31.45131352	31.533	1.09
GREEN SPRINGS	47.76286143	48.67446145	1.09
ALSEA	50.53470632	50.65007078	1.09
ALSEA	50.982	51.16707238	1.09
SANTIAM	6.46	6.466	1.09
TUALATIN VALLEY	35.15815194	35.22147221	1.09
OREGON COAST	2.814	2.93002351	1.09
CRATER LAKE	87.64705939	87.649	1.09
ALSEA	31.576	31.61151147	1.09
ALSEA	46.32954694	46.3622983	1.09
ALSEA	45.11834964	45.30391355	1.09
ENTERPRISE-LEWISTON	34.17783562	35.20060292	1.09
ALSEA	37.953	38.187	1.09
CRATER LAKE	84.22828175	85.23417344	1.09
CRATER LAKE	86.68081774	86.86434758	1.09
ALSEA	38.53614053	38.55054794	1.09
GREEN SPRINGS	56.72002352	56.72002566	1.09
ALSEA	45.39567934	45.406	1.09
ALSEA	47.89	47.9	1.09
ALSEA	32.30423781	32.31523493	1.09
ALSEA	51.71328744	51.73	1.09
TUALATIN VALLEY	37.3700235	37.37026756	1.09
ALSEA	50.89862083	50.97467324	1.09
CRATER LAKE	11.36015169	12.56812327	1.09
ALSEA	28.43583716	28.44	1.09
THREE RIVERS	23.34	23.36	1.09
ALSEA	51.187	51.193	1.09
ALSEA	42.01344095	42.479	1.09
ENTERPRISE-LEWISTON	35.32683717	35.8	1.09
ALSEA	31.707	32.27872688	1.09
ALSEA	45.42580193	45.43174025	1.09
GREEN SPRINGS	47.39621165	47.74767339	1.09
ALSEA	47.28996408	47.37927051	1.09
ALSEA	33.11378431	33.53460856	1.09
ALSEA	50.50520156	50.52	1.09
CRATER LAKE	86.23734195	86.55461939	1.09
ALSEA	31.28213016	31.30074882	1.09
ALSEA	42.98439133	42.99892234	1.09
ALSEA	27.68181872	27.72451588	1.09
ALSEA	44.88120054	45.05484801	1.09
MT. HOOD	63.563	63.61	1.09
ALSEA	27.759	27.81807636	1.09
SANTIAM	2.880086073	4.72	1.09
ALSEA	46.13904743	46.18890951	1.09
ALSEA	33.97846297	35.583308	1.09
SANTIAM	2.880023504	2.880086073	1.09
ALSEA	47.21841038	47.25944171	1.09

ALSEA	51.24	51.248	1.09
ALSEA	32.69381724	32.71205763	1.09
ALSEA	50.85093553	50.892	1.09
CRATER LAKE	86.87385476	87.587	1.09
ALSEA	52	52.06336992	1.09
ALSEA	48.608	48.65	1.09
GREEN SPRINGS	50.56189366	50.65	1.09
ALSEA	52.22628125	53.59	1.09
SANTIAM	6.436807566	6.46	1.09
CRATER LAKE	85.25520957	85.48614923	1.09
ALSEA	51.75433498	51.79850466	1.09
LAKESIDE FRONTAGE RD.	223.6939497	224.45	1.09
SANTIAM	6.423794893	6.428449976	1.09
ALSEA	45.50749744	45.56717845	1.09
ALSEA	43.77343538	43.78373189	1.09
MT. HOOD	26.29002352	26.33	1.09
ALSEA	33.02661712	33.04979526	1.09
ALSEA	46.73712698	46.81443535	1.09
PENDLETON-COLD SPRINGS	24.84	24.86	1.09
HEPPNER	71.15593588	71.25877256	1.09
WARM SPRINGS	114.919	115.0534405	1.09
WILSON RIVER	42.87956016	42.882	1.09
HEPPNER	61.95309371	62.053	1.09
HEPPNER	13.813	13.92891524	1.09
HEPPNER	64.53	64.659	1.09
HEPPNER	51.79001274	51.92942697	1.09
WILSON RIVER	51.40428697	51.42712671	1.09
HEPPNER	60.15828402	60.29905066	1.09
HEPPNER	0.322	0.37	1.09
HEPPNER	69.31218386	69.34047497	1.09
HEPPNER	50.3851889	50.55135218	1.09
WILSON RIVER	43.69102572	43.7926017	1.09
WILSON RIVER	42.5158153	42.562	1.09
HEPPNER	60.09	60.13632458	1.09
HEPPNER	71.44	71.58959049	1.09
PENDLETON-COLD SPRINGS	0.88	2.65	1.09
HEPPNER	56.66680297	56.69413245	1.09
HEPPNER	63.03033707	63.039	1.09
HEPPNER	51.4144141	51.56702926	1.09
WILSON RIVER	2.28	2.439836606	1.09
HEPPNER	47.23442883	47.44813167	1.09
HEPPNER	28.72002352	36.12002355	1.09
ALBANY-JUNCTION CITY	12.34578486	14.33	1.09
HEPPNER	62.54363827	62.57308854	1.09
HEPPNER	56.70820413	56.713	1.09
HEPPNER	69.35652237	69.36675107	1.09
HEPPNER	28.47422544	28.72002352	1.09
HEPPNER	62.30234289	62.305	1.09
HEPPNER	8.466362601	8.557	1.09
HEPPNER	69.51286191	69.663	1.09
KLAMATH FALLS-MALIN	25.71	27.1	1.09
WILSON RIVER	43.02375455	43.10325269	1.09
HEPPNER	60.646	60.68636413	1.09
HEPPNER	1.14E-13	0.303	1.09
WILSON RIVER	42.57701581	42.59403882	1.09
WAPINITIA	5.004265549	7.66246014	1.09
HEPPNER	12.29065176	12.31435243	1.09
HEPPNER	68.14550781	68.308	1.09
HEPPNER	51.28586771	51.33608807	1.09
KLAMATH FALLS-MALIN	25.69	25.71	1.09
SUNSET	57.379	57.44	1.09
WILSON RIVER	51.56058318	51.57394679	1.09
HEPPNER	55.56833381	56.21720116	1.09
WILSON RIVER	42.44735433	42.49824342	1.09
HEPPNER	13.218895	13.221	1.09
HEPPNER	64.758	64.87834141	1.09
HEPPNER	55.48533183	55.55507723	1.09
WILSON RIVER	43.27879075	43.56875593	1.09
HEPPNER	49.94215062	50.26250155	1.09
HEPPNER	69.77	70.62548853	1.09
HEPPNER	55.13965342	55.372	1.09
HEPPNER	62.419	62.42462622	1.09
HEPPNER	36.76994669	44.29	1.09
HEPPNER	64.083	64.093	1.09
HEPPNER	58.718	59.07366392	1.09
HEPPNER	10.928	10.93106767	1.09
PENDLETON-COLD SPRINGS	2.65	2.66	1.09

HEPPNER	64.06074649	64.0770882	1.09
HEPPNER	60.303	60.3943585	1.09
HEPPNER	72.56170151	72.7187362	1.09
HEPPNER	68.085	68.11006314	1.09
WILSON RIVER	2.140532488	2.28	1.09
HEPPNER	62.13172329	62.16635079	1.09
HEPPNER	12.97060718	13.20174117	1.09
HEPPNER	62.60011284	62.647	1.09
WILSON RIVER	43.814	43.86367787	1.09
WILSON RIVER	43.88288446	48.44469435	1.09
HEPPNER	58.711	58.715	1.09
HEPPNER	14.05121849	27.15015057	1.09
HEPPNER	65.57	65.606	1.09
HEPPNER	50.26888168	50.38145926	1.09
WILSON RIVER	51.45289343	51.46429147	1.09
PENDLETON-COLD SPRINGS	2.66	6.59	1.09
HEPPNER	56.314	56.53932194	1.09
ALBANY-JUNCTION CITY	14.33	14.54	1.09
PENDLETON-COLD SPRINGS	20.14	24.84	1.09
HEPPNER	56.79911762	56.80136267	1.09
HEPPNER	1.14E-13	0.23	1.09
HEPPNER	65.81768519	65.971	1.09
HEPPNER	52.3834901	52.39567108	1.09
WILSON RIVER	51.21742077	51.38016395	1.09
WILSON RIVER	42.60744516	42.67377811	1.09
PENDLETON-COLD SPRINGS	24.86	29.66460589	1.09
HEPPNER	62.33351786	62.362	1.09
HEPPNER	72.224	72.29516297	1.09
HEPPNER	69.43649658	69.477	1.09
HEPPNER	46.99760198	47.05635099	1.09
WILSON RIVER	43.00130448	43.02131861	1.09
HEPPNER	68.36916755	68.61972998	1.09
HEPPNER	52.115	52.263	1.09
KLAMATH FALLS-MALIN	24.8296242	25.69	1.09
HEPPNER	49.82316037	49.92003466	1.09
HEPPNER	60.47920934	60.603	1.09
BIGGS JCT. CONN. NO. 1	0.393	0.4	1.09
HEPPNER	68.64007562	68.77591252	1.09
HEPPNER	61.13147638	61.16308385	1.09
HEPPNER	11.70610621	11.84203585	1.09
HEPPNER	62.31427088	62.33	1.09
HEPPNER	8.68	8.895014783	1.09
HEPPNER	70.765	70.86449904	1.09
HEPPNER	61.60351502	61.65	1.09
HEPPNER	14.00349796	14.011	1.09
HEPPNER	63.54809763	63.98008919	1.09
HEPPNER	55.38149136	55.442037	1.09
HEPPNER	69.13621663	69.29012659	1.09
WILSON RIVER	42.96863563	42.993	1.09
HEPPNER	57.3230609	57.393	1.09
ALBANY-JUNCTION CITY	14.54	18.72855973	1.09
WILSON RIVER	42.820964	42.82835801	1.09
HEPPNER	64.384	64.46010868	1.09
HEPPNER	51.97	52.00360379	1.09
WILSON RIVER	43.607	43.66464804	1.09
WILSON RIVER	42.22751082	42.35817883	1.09
WAPINITIA	2.389325578	2.705043289	1.09
HEPPNER	61.064	61.08088774	1.09
HEPPNER	62.45999171	62.50837921	1.09
ALBANY-JUNCTION CITY	20.18617585	20.31002347	1.09
HEPPNER	12.32846312	12.404	1.09
HEPPNER	69.725	69.74479298	1.09
HEPPNER	50.71629188	50.90704815	1.09
HEPPNER	59.91276115	60.0604195	1.09
WAPINITIA	4.425741037	4.556	1.09
HEPPNER	72.00982782	72.197	1.09
HEPPNER	65.671	65.704	1.09
HEPPNER	36.12002355	36.23008032	1.09
KLAMATH FALLS-MALIN	16.51	18.33458232	1.09
HEPPNER	69.02427242	69.12957406	1.09
HEPPNER	62.23487649	62.25989756	1.09
HEPPNER	0.23	8.395603345	1.09
HEPPNER	69.37035853	69.42519347	1.09
HEPPNER	60.41692409	60.47691595	1.09
HEPPNER	0.303	0.322	1.09
ALBANY-JUNCTION CITY	12.32	12.33705043	1.09
HEPPNER	62.06877058	62.08837961	1.09

HEPPNER	67.236	67.27951243	1.09
HEPPNER	52.01764017	52.071	1.09
KLAMATH FALLS-MALIN	19.80496393	23.15821739	1.09
WILSON RIVER	49.80104011	50.92333016	1.09
HEPPNER	56.83016032	56.845	1.09
ALBANY-JUNCTION CITY	20.31002347	27.77904089	1.09
HEPPNER	62.689	62.71494107	1.09
HEPPNER	53.79938554	53.81072214	1.09
HEPPNER	71.71538934	71.97910041	1.09
HEPPNER	67.87929659	67.921	1.09
HEPPNER	52.56115164	52.64491299	1.09
WILSON RIVER	42.9261611	42.95314825	1.09
WILSON RIVER	42.79789158	42.80972017	1.09
PENDLETON-COLD SPRINGS	6.9	20.14	1.09
HEPPNER	61.673	61.703	1.09
HEPPNER	72.51281751	72.55056705	1.09
HEPPNER	64.15900516	64.35855703	1.09
WILSON RIVER	43.15588151	43.19124486	1.09
HEPPNER	62.4110478	62.416222	1.09
HEPPNER	8.60600767	8.653429868	1.09
HEPPNER	56.85246999	56.867	1.09
HEPPNER	9.575995439	9.727380993	1.09
HEPPNER	61.89026225	61.90059355	1.09
HEPPNER	13.95030448	13.98	1.09
HEPPNER	67.4181385	67.50681886	1.09
WHITNEY	47.65913802	47.72107509	1.09
PACIFIC HIGHWAY EAST	23.1882724	23.85944226	1.09
PACIFIC HIGHWAY WEST	45.61596739	45.641	1.09
PACIFIC HIGHWAY WEST	73.75	73.81	1.09
MCNARY	10.721	11.21	1.09
PACIFIC HIGHWAY EAST	39.66612988	39.79596818	1.09
PACIFIC HIGHWAY WEST	45.55212744	45.55509749	1.09
PACIFIC HIGHWAY EAST	37.0599043	37.06002351	1.09
PACIFIC HIGHWAY WEST	73.69	73.75	1.09
PACIFIC HIGHWAY WEST	106.9856068	107.0100897	1.09
LA GRANDE-BAKER	17.454	17.47739331	1.09
PACIFIC HIGHWAY EAST	18.16011047	18.31032018	1.09
WHITNEY	49.16975529	49.17002345	1.09
PACIFIC HIGHWAY WEST	106.2758489	106.385	1.09
PACIFIC HIGHWAY EAST	39.22423278	39.50903879	1.09
PACIFIC HIGHWAY WEST	45.64581937	46.73144165	1.09
PACIFIC HIGHWAY EAST	24.5	24.50436747	1.09
PACIFIC HIGHWAY WEST	106.87	106.8906374	1.09
PACIFIC HIGHWAY EAST	18.8814999	19.1068915	1.09
WHITNEY	48.11	49.16975529	1.09
PACIFIC HIGHWAY WEST	42.19335028	42.96	1.09
WHITNEY	47.80902792	47.82449716	1.09
PACIFIC HIGHWAY WEST	40.77331349	41.69338568	1.09
PACIFIC HIGHWAY WEST	106.494	106.507	1.09
PACIFIC HIGHWAY WEST	43	43.43128613	1.09
PACIFIC HIGHWAY WEST	73.81	74.95782758	1.09
WHITNEY	47.356	47.48239664	1.09
PACIFIC HIGHWAY WEST	72.33239145	73.68	1.09
PACIFIC HIGHWAY WEST	46.75038683	47.25091345	1.09
MCNARY	10.691	10.721	1.09
PACIFIC HIGHWAY EAST	17.8213072	18.16011047	1.09
PACIFIC HIGHWAY EAST	24.38199559	24.5	1.09
PACIFIC HIGHWAY WEST	115.0400235	115.0401379	1.09
PACIFIC HIGHWAY WEST	73.68	73.69	1.09
PACIFIC HIGHWAY WEST	47.35921085	47.52	1.09
PACIFIC HIGHWAY EAST	24.56221735	24.67410148	1.09
PACIFIC HIGHWAY EAST	38.49778061	38.91065441	1.09
WHITNEY	47.92747061	48.04165526	1.09
PACIFIC HIGHWAY EAST	38.2127659	38.30583207	1.09
PACIFIC HIGHWAY WEST	106.6345476	106.733796	1.09
PACIFIC HIGHWAY WEST	106.2605895	106.2637507	1.09
WOODBURN-ESTACADA	31.308	31.31093578	1.09
CASCADE HWY SOUTH	16.52002348	17.58026635	1.09
NORTH UMPQUA HIGHWAY EAST	100.67	100.82	1.09
JEFFERSON	2.07	3.797787868	1.09
SILVER CREEK FALLS	15.11927468	15.12176958	1.09
CLACKAMAS	18.93017883	19.15580436	1.09
NEHALEM	64.38	67.76	1.09
SILVER CREEK FALLS	23.47	23.5	1.09
HILLSBORO-SILVERTON	1.899834598	1.916	1.09
HILLSBORO-SILVERTON	4.873741656	4.888	1.09
YAMHILL-NEWBERG	6.097	6.201004023	1.09

WOODBURN-ESTACADA	14.27711135	15.41554204	1.09
NEHALEM	53.57853098	53.58941751	1.09
SILVER CREEK FALLS	38.46653019	38.548	1.09
HISTORIC COLUMBIA RIVER	58.212	58.27002353	1.09
NETARTS	7.48254268	8.202837979	1.09
JEFFERSON	1.457811068	1.896578357	1.09
SILVER CREEK FALLS	14.84114455	15.051	1.09
SILVER CREEK FALLS	11.601	13.21	1.09
NORTH UMPQUA HIGHWAY EAST	19.21793495	19.27354409	1.09
WOODBURN-ESTACADA	32.27296655	32.28747028	1.09
HILLSBORO-SILVERTON	5.101340317	5.15	1.09
YAMHILL-NEWBERG	7.29141156	7.880342136	1.09
CASCADE HWY SOUTH	22.839063	22.87867456	1.09
HILLSBORO-SILVERTON	30.35036625	31	1.09
SILVER CREEK FALLS	11.083	11.088	1.09
NORTH UMPQUA HIGHWAY EAST	29.35	38.92	1.09
WOODBURN-ESTACADA	31.62961982	31.922	1.09
NORTH UMPQUA HIGHWAY EAST	15.244	15.27247285	1.09
SILVER CREEK FALLS	11.3935253	11.54	1.09
AMITY-DAYTON	0.416298265	0.985090631	1.09
WOODBURN-ESTACADA	17.841	17.87625282	1.09
CASCADE HWY SOUTH	22.32694783	22.54041387	1.09
SILVER CREEK FALLS	37.122	37.14121236	1.09
WOODBURN-ESTACADA	29.86193756	29.88902671	1.09
NEHALEM	58.13575081	60.40002351	1.09
SILVER CREEK FALLS	17.46	17.49	1.09
NORTH UMPQUA HIGHWAY EAST	19.85564201	20.058	1.09
SALEM-DAYTON	17.43999981	17.44144776	1.09
CASCADE HWY SOUTH	21.60550067	22.19972935	1.09
NORTH UMPQUA HIGHWAY EAST	95.87	97.74	1.09
JEFFERSON	0.243	0.262	1.09
SILVER CREEK FALLS	14.60669004	14.61	1.09
NEHALEM	55.30512647	55.33573646	1.09
NEHALEM	64.37	64.38	1.09
HILLSBORO-SILVERTON	25.64034811	25.73365584	1.09
CASCADE HWY SOUTH	9.396501173	10.17772875	1.09
SILVER CREEK FALLS	37.1699214	37.34121717	1.09
NEHALEM	3.046970148	3.066874236	1.09
WOODBURN-ESTACADA	18.16648247	18.17301004	1.09
NORTH UMPQUA HIGHWAY EAST	97.75	100.65	1.09
SILVER CREEK FALLS	17.49	23.47	1.09
SILVER CREEK FALLS	13.22	13.25894103	1.09
WILLAMINA-SHERIDAN	1.14E-13	5.21E-03	1.09
HILLSBORO-SILVERTON	7.716	7.725	1.09
CASCADE HWY SOUTH	20.25359335	20.72267536	1.09
WOODBURN-ESTACADA	7.739860285	8.387911023	1.09
NEHALEM	2.966879873	3.028093557	1.09
HILLSBORO-SILVERTON	49.0498256	49.0500235	1.09
JEFFERSON	1.366240858	1.415520056	1.09
SILVER CREEK FALLS	37.90679145	37.95235643	1.09
JEFFERSON	1.14E-13	1.03E-02	1.09
AMITY-DAYTON	0.185291854	0.363208328	1.09
NORTH UMPQUA HIGHWAY EAST	18.59628326	19.18699497	1.09
HISTORIC COLUMBIA RIVER	52.47	52.48	1.09
WOODBURN-ESTACADA	19.78	20.4391624	1.09
HILLSBORO-SILVERTON	2.359461048	2.614873209	1.09
CASCADE HWY SOUTH	22.73331794	22.8105233	1.09
NEHALEM	55.07010513	55.08494741	1.09
HILLSBORO-SILVERTON	44.83	45.05700224	1.09
SILVER CREEK FALLS	37.7249565	37.81203959	1.09
NORTH UMPQUA HIGHWAY EAST	15.28633152	15.32	1.09
WOODBURN-ESTACADA	31.513	31.58452991	1.09
SILVER CREEK FALLS	37.51	37.51325109	1.09
CLACKAMAS	18.39492811	18.55013436	1.09
NEHALEM	64.18	64.37	1.09
NORTH UMPQUA HIGHWAY EAST	38.98	43.51	1.09
WOODBURN-ESTACADA	18.196	18.65322193	1.09
SILVER CREEK FALLS	34.97	34.98	1.09
WOODBURN-ESTACADA	18.14054293	18.16024456	1.09
NORTH UMPQUA HIGHWAY EAST	100.65	100.67	1.09
NEHALEM	60.40002351	60.42471489	1.09
WOODBURN-ESTACADA	4.205443704	7.461149169	1.09
HILLSBORO-SILVERTON	41.5334042	41.54172625	1.09
SILVER CREEK FALLS	36.93526536	36.94172311	1.09
CLACKAMAS	31.56600746	47.04665218	1.09
NEHALEM	55.35777062	57.39	1.09
NORTH UMPQUA HIGHWAY EAST	19.7536012	19.76761573	1.09

HILLSBORO-SILVERTON	5.233940711	5.510786279	1.09
NETARTS	8.234543116	8.258083909	1.09
WOODBURN-ESTACADA	18.74299937	19.26	1.09
JEFFERSON	1.096827566	1.150437489	1.09
WOODBURN-ESTACADA	19.26	19.275	1.09
CASCADE HWY SOUTH	22.60815379	22.64661999	1.09
HILLSBORO-SILVERTON	25.26	25.50856067	1.09
JEFFERSON	1.14E-13	0.243	1.09
SILVER CREEK FALLS	36.07	36.80430116	1.09
SALEM-DAYTON	15.22617055	17.43999981	1.09
SILVER CREEK FALLS	13.79123823	14.55328708	1.09
WOODBURN-ESTACADA	32.00563644	32.02504776	1.09
YAMHILL-NEWBERG	6.64623571	6.862590846	1.09
NORTH UMPQUA HIGHWAY EAST	43.51	43.53	1.09
JEFFERSON	0.284	0.31	1.09
WOODBURN-ESTACADA	2.61	3.453416849	1.09
SILVER CREEK FALLS	27.44	30.69553858	1.09
SILVER CREEK FALLS	13.21	13.22	1.09
SILVER CREEK FALLS	38.032	38.18910013	1.09
NORTH UMPQUA HIGHWAY EAST	19.28878305	19.5980729	1.09
HILLSBORO-SILVERTON	7.38	7.527543363	1.09
HILLSBORO-SILVERTON	5.15	5.16	1.09
JEFFERSON	1.287274296	1.299927662	1.09
SILVER CREEK FALLS	37.96315506	37.98564046	1.09
WOODBURN-ESTACADA	30.46088586	30.56303613	1.09
NORTH UMPQUA HIGHWAY EAST	28.93983111	29.35	1.09
NEHALEM	57.39	57.4	1.09
WOODBURN-ESTACADA	28.84015308	29.17171829	1.09
SILVER CREEK FALLS	15.16916449	15.33034788	1.09
HISTORIC COLUMBIA RIVER	70.35	70.37	1.09
WOODBURN-ESTACADA	18.11714446	18.1240308	1.09
HILLSBORO-SILVERTON	5.16	5.216893297	1.09
CASCADE HWY SOUTH	22.98642622	23.08287552	1.09
SILVER CREEK FALLS	14.67	14.67543845	1.09
CLACKAMAS	10.552	10.56476388	1.09
WOODBURN-ESTACADA	29.91435063	30.37596525	1.09
NORTH UMPQUA HIGHWAY EAST	13.26	14.09	1.09
WILLAMINA-SHERIDAN	0.416	0.49	1.09
SILVER CREEK FALLS	37.14390177	37.14955193	1.09
CLACKAMAS	49.00919504	49.97	1.09
HISTORIC COLUMBIA RIVER	58.27002353	70.35	1.09
WOODBURN-ESTACADA	32.40082238	32.439646	1.09
JEFFERSON	2.021752449	2.053016584	1.09
SILVER CREEK FALLS	34.98	36.05	1.09
CLACKAMAS	21.5369731	21.66	1.09
NEHALEM	67.76	67.79	1.09
HILLSBORO-SILVERTON	25.09504979	25.22	1.09
WOODBURN-ESTACADA	30.65827772	31.25026997	1.09
BELLEVUE-HOPEWELL	2.998357027	5.563330709	1.09
NETARTS	8.258083909	8.284487204	1.09
WOODBURN-ESTACADA	1.131771691	2.51	1.09
JEFFERSON	0.71255735	0.752464297	1.09
SILVER CREEK FALLS	15.058	15.06012798	1.09
SILVER CREEK FALLS	11.55678632	11.57503758	1.09
HILLSBORO-SILVERTON	3.361918588	3.466777148	1.09
WOODBURN-ESTACADA	31.40912134	31.44324596	1.09
HILLSBORO-SILVERTON	1.833107215	1.846282661	1.09
YAMHILL-NEWBERG	6.286161051	6.372217855	1.09
WILLAMINA-SHERIDAN	0.49	0.56	1.09
NEHALEM	3.40386271	3.415128508	1.09
JEFFERSON	1.249212058	1.253	1.09
HILLSBORO-SILVERTON	26.26607843	27.16781328	1.09
JEFFERSON	0.31	0.320902227	1.09
SILVER CREEK FALLS	38.25417892	38.38046585	1.09
NORTH UMPQUA HIGHWAY EAST	15.32	15.4932209	1.09
WOODBURN-ESTACADA	32.05036979	32.234	1.09
HILLSBORO-SILVERTON	1.957377861	1.975020366	1.09
CASCADE HWY SOUTH	16.51967542	16.52002348	1.09
SILVER CREEK FALLS	32.28756985	34.97	1.09
WOODBURN-ESTACADA	29.57739673	29.78931892	1.09
NEHALEM	62.78583837	64.14	1.09
SILVER CREEK FALLS	36.05	36.07	1.09
WOODBURN-ESTACADA	32.46352116	32.69253265	1.09
NORTH UMPQUA HIGHWAY EAST	97.74	97.75	1.09
HILLSBORO-SILVERTON	25.73831419	25.9868899	1.09
NORTH UMPQUA HIGHWAY EAST	14.19828429	15.22896072	1.09
WOODBURN-ESTACADA	28.77	28.77403476	1.09

YAMHILL-NEWBERG	7.924924513	8.091098131	1.09
CASCADE HWY SOUTH	17.69510054	17.83423536	1.09
SILVER CREEK FALLS	36.86	36.86895948	1.09
NEHALEM	57.4	58.10344646	1.09
NORTH UMPQUA HIGHWAY EAST	22.304	28.93983111	1.09
HILLSBORO-SILVERTON	2.633446031	2.934995177	1.09
WOODBURN-ESTACADA	21.982	22.79	1.09
NORTH UMPQUA HIGHWAY EAST	95.86	95.87	1.09
JEFFERSON	1.91427929	1.991033675	1.09
CLACKAMAS	21.66	21.69919519	1.09
HILLSBORO-SILVERTON	28.819	30.18020711	1.09
SILVER CREEK FALLS	15.59	17.46	1.09
SILVER CREEK FALLS	37.854	37.90391639	1.09
NEHALEM	54.5086397	55.01916775	1.09
WOODBURN-ESTACADA	32.3863497	32.38891673	1.09
HILLSBORO-SILVERTON	5.534186027	7.271585588	1.09
CASCADE HWY SOUTH	21.27631039	21.45360972	1.09
NORTH UMPQUA HIGHWAY EAST	83.08	95.86	1.09
NEHALEM	53.26	53.57166754	1.09
HILLSBORO-SILVERTON	33.17987411	35.59018391	1.09
SILVER CREEK FALLS	23.5	27.43	1.09
NORTH UMPQUA HIGHWAY EAST	43.53	83.08	1.09
SILVER CREEK FALLS	36.82327452	36.86	1.09
NORTH UMPQUA HIGHWAY EAST	18.02568307	18.44011289	1.09
WOODBURN-ESTACADA	17.25481391	17.79265883	1.09
	88.063	88.073	1.09
HILLSBORO-SILVERTON	1.676474852	1.794453979	1.09
SILVER CREEK FALLS	27.43	27.44	1.09
AMITY-DAYTON	1.329019145	3.99	1.09
HILLSBORO-SILVERTON	7.53051191	7.666504299	1.09
CASCADE HWY SOUTH	22.59345328	22.59832001	1.09
NEHALEM	3.283937838	3.300139447	1.09
SILVER CREEK FALLS	37.41120181	37.50448555	1.09
SILVER CREEK FALLS	11.095	11.13561127	1.09
WOODBURN-ESTACADA	29.47963532	29.50436407	1.09
SILVER CREEK FALLS	37.35688575	37.4	1.09
CLACKAMAS	24.34589714	24.45957384	1.09
NEHALEM	3.256544239	3.278376634	1.09
CASCADE HWY SOUTH	22.2623953	22.27907198	1.09
SILVER CREEK FALLS	37.5422072	37.548	1.09
NEHALEM	53.63570604	54.47668453	1.09
SILVER CREEK FALLS	14.575	14.58	1.09
NEHALEM	67.79	69.14	1.09
NORTH UMPQUA HIGHWAY EAST	22.0140509	22.16064344	1.09
WOODBURN-ESTACADA	19.32068026	19.77074852	1.09
CASCADE HWY SOUTH	8.255524344	8.872154992	1.09
SUNNYSIDE-UMAPINE	2.039999375	4.779	1.09
O NEIL	2.306357983	2.502799248	1.09
SILETZ	17.893	17.89659364	1.09
OLDS FERRY-ONTARIO	0.144	0.156	1.09
SILETZ	16.26123814	16.30101577	1.09
ALBANY-LYONS	23.197	23.21638782	1.09
WASCO-HEPPNER	12.23516755	12.25498229	1.09
LEXINGTON-ECHO	10.11	10.13	1.09
HALSEY-SWEET HOME	12.95034234	12.96432408	1.09
HOOD RIVER	5.015465225	5.027	1.09
HAVANA-HELIX	8.035523658	8.129559903	1.09
COQUILLE-BANDON	0.16775208	0.17	1.09
SAMS VALLEY	16.05818711	16.08352195	1.09
WASCO-HEPPNER	78.47353228	78.64770561	1.09
MAPLETON-JUNCTION CITY	50.28801699	50.54002349	1.09
HAVANA-HELIX	7.55414586	7.57	1.09
POWERS	4.397054624	4.467939637	1.09
SILETZ	18.9408211	18.961	1.09
KINGS VALLEY	5.343173064	5.393840782	1.09
WASCO-HEPPNER	68.73078154	68.92887752	1.09
LEXINGTON-ECHO	0.200442207	0.250023475	1.09
SPRINGFIELD-CRESWELL	12.82	12.82340971	1.09
ALBANY-LYONS	10.51685118	10.53628593	1.09
WARNER	65.25417411	65.28	1.09
WASCO-HEPPNER	80.63016271	80.72093326	1.09
MAPLETON-JUNCTION CITY	8.17	8.39	1.09
CRESCENT LAKE	2.22	2.24	1.09
HERMISTON	10.73490642	10.84755701	1.09
WASCO-HEPPNER	73.33	73.44	1.09
HAVANA-HELIX	8.890197565	8.974	1.09
SAMS VALLEY	3.900023487	6.041025186	1.09

MAPLETON-JUNCTION CITY	8.4	13.07102964	1.09
ROGUE RIVER LOOP	11.11526385	11.1277229	1.09
POWERS	4.214	4.309506644	1.09
OLDS FERRY-ONTARIO	20.77340301	20.8	1.09
CENTURY DRIVE	7.324070252	7.587479816	1.09
SILETZ	18.26178953	18.26899823	1.09
WASCO-HEPPNER	73.22018959	73.24060334	1.09
O NEIL	0.38	0.383	1.09
HALSEY-SWEET HOME	10.55998106	10.62241369	1.09
SILETZ	15.92794324	15.966	1.09
POWERS	2.456033316	2.729449356	1.09
ALBANY-LYONS	3.104893311	3.112049476	1.09
UKIAH-HILGARD	47.1615957	47.22	1.09
WASCO-HEPPNER	79.0667602	79.6123046	1.09
HOOD RIVER	10.311	10.68	1.09
MEDICAL SPRINGS	1.603016914	1.636081615	1.09
SPRINGFIELD-CRESWELL	13.23918758	13.282	1.09
HUNTINGTON	10.74	10.778	1.09
WASCO-HEPPNER	13.8213627	13.828	1.09
O NEIL	0.404	0.407	1.09
SILETZ	21.08466763	21.09895725	1.09
STEENS	0.857492599	1.201979949	1.09
KINGS VALLEY	5.040023548	5.040099598	1.09
WASCO-HEPPNER	71.64952684	71.72469117	1.09
ALBANY-LYONS	4.211270515	4.213746443	1.09
WASCO-HEPPNER	68.43744702	68.66702582	1.09
HALSEY-SWEET HOME	12.17	12.2	1.09
SISKIYOU	7.536	7.543406609	1.09
HOOD RIVER	10.883	11.316	1.09
ALBANY-LYONS	10.66506612	10.79844302	1.09
WASCO-HEPPNER	12.93740197	12.955	1.09
HEPPNER-SPRAY	1.14E-13	21.71	1.09
GOSHEN-DIVIDE	1.126927731	3.138108992	1.09
HOOD RIVER	11.41241953	11.81704737	1.09
HAVANA-HELIX	3.037834419	3.087309434	1.09
WASCO-HEPPNER	80.98909775	81.008	1.09
MAPLETON-JUNCTION CITY	5.73	5.77	1.09
HERMISTON	12.519	13.98625065	1.09
WASCO-HEPPNER	11.96186991	12.04729251	1.09
LEXINGTON-ECHO	6.49	10.11	1.09
HOOD RIVER	14.55	15.8886862	1.09
POWERS	2.884777206	3.65	1.09
WASCO-HEPPNER	77.47658558	78.2874241	1.09
JACKSONVILLE	30.23986983	30.24002348	1.09
CRESCENT LAKE	0.22	0.23	1.09
O NEIL	2.947078569	3.065271586	1.09
SILETZ	15.18111972	15.26648936	1.09
OLDS FERRY-ONTARIO	20.17279949	20.67739913	1.09
SILETZ	17.4754092	17.49420039	1.09
ALBANY-LYONS	22.69474134	22.69758121	1.09
KINGS VALLEY	5.275424495	5.306860641	1.09
WASCO-HEPPNER	78.29847692	78.433	1.09
HALSEY-SWEET HOME	10.54671492	10.55136827	1.09
HAVANA-HELIX	8.856	8.888	1.09
MADRAS-PRINEVILLE	9.00E-02	1.15	1.09
HALSEY-SWEET HOME	2.408	4.937777913	1.09
HAVANA-HELIX	6.56	6.561878087	1.09
WASCO-HEPPNER	14.67	14.7406154	1.09
SPRINGFIELD-CRESWELL	11.71062495	11.72753808	1.09
SILETZ	20.93328818	21.04642704	1.09
INDEPENDENCE	4.869976665	4.870023523	1.09
WASCO-HEPPNER	13.271	13.3623477	1.09
CRESCENT LAKE	8.00E-02	0.22	1.09
MADRAS-PRINEVILLE	3.398743823	3.571925466	1.09
EAGLE CREEK-SANDY	1.832763558	2.011064867	1.09
SUNNYSIDE-UMAPINE	1.14E-13	1.499999879	1.09
SILETZ	18.59	18.60502753	1.09
ROGUE RIVER LOOP	11.30733925	11.31845674	1.09
WASCO-HEPPNER	13.608	13.62307334	1.09
WESTON-ELGIN	-1.152850252	-1.12	1.09
O NEIL	1.45262837	1.95386288	1.09
SILETZ	25.63158186	25.948	1.09
WESTON-ELGIN	10.98395655	11.03329225	1.09
HERMISTON	10.305568	10.37	1.09
WASCO-HEPPNER	54.85345874	54.86	1.09
HAVANA-HELIX	9.234619198	9.495388618	1.09
POWERS	5.485205448	5.70031061	1.09

MADRAS-PRINEVILLE	3.780497868	3.817392159	1.09
OLDS FERRY-ONTARIO	22.27539703	22.281	1.09
O NEIL	0.823124826	0.892	1.09
HUNTINGTON	10.7	11.04	1.09
WASCO-HEPPNER	12.67006239	12.698	1.09
HALSEY-SWEET HOME	9.684976928	9.752363063	1.09
ODELL	0.573	0.577376482	1.09
SILETZ	15.73979054	15.878	1.09
ALBANY-LYONS	5.040159998	5.387655743	1.09
WASCO-HEPPNER	80.61234553	80.618	1.09
MAPLETON-JUNCTION CITY	50.54002349	50.59002347	1.09
O NEIL	0.895854803	0.920726073	1.09
ALBANY-LYONS	22.74045214	22.75218173	1.09
WASCO-HEPPNER	59.66	67.85	1.09
MAPLETON-JUNCTION CITY	3.33	5.73	1.09
ATHENA-HOLDMAN	11.87977381	11.944	1.09
LEXINGTON-ECHO	6.48	6.49	1.09
WASCO-HEPPNER	13.72342216	13.754	1.09
SILETZ	18.0945106	18.16012623	1.09
WASCO-HEPPNER	12.5022952	12.505	1.09
SISKIYOU	7.49	7.5	1.09
SAMS VALLEY	6.137281212	6.140386422	1.09
WASCO-HEPPNER	78.651	78.7322564	1.09
TERRITORIAL	21.43	23.51597165	1.09
MEDICAL SPRINGS	1.04	1.103383691	1.09
UMATILLA MISSION	4.458691748	4.508	1.09
ODELL	0.697926202	0.940087273	1.09
SILETZ	14.94	14.9712637	1.09
HAVANA-HELIX	0.695641947	2.4	1.09
HOOD RIVER	11.38642636	11.39	1.09
MEDICAL SPRINGS	0.994609341	1.018153551	1.09
SNAKE RIVER CORR INST HWY	1.14E-13	0.744327388	1.09
ODELL	0.592223229	0.67020233	1.09
WASCO-HEPPNER	14.051	14.08	1.09
SPRINGFIELD-CRESWELL	12.04504044	12.18259185	1.09
WESTON-ELGIN	10.71799807	10.72548959	1.09
WASCO-HEPPNER	71.25457629	71.4265463	1.09
HALSEY-SWEET HOME	12.97270604	12.98	1.09
HOOD RIVER	11.34421524	11.36380318	1.09
HAVANA-HELIX	9.613992077	9.79	1.09
COQUILLE-BANDON	13.98	13.99	1.09
ALBANY-LYONS	11.2740792	11.40642073	1.09
WASCO-HEPPNER	83.17759478	83.26123433	1.09
POWERS	4.581128824	4.619692455	1.09
WASCO-HEPPNER	14.153	14.19574462	1.09
SILETZ	21.363487	21.36667329	1.09
KINGS VALLEY	5.182183769	5.191567598	1.09
ATHENA-HOLDMAN	10.81	10.81674672	1.09
WASCO-HEPPNER	68.98924995	70.211	1.09
SILETZ	15.44853229	15.57513913	1.09
COQUILLE-BANDON	13.99	16.59552118	1.09
ALBANY-LYONS	2.740002282	2.815669933	1.09
WASCO-HEPPNER	73.48	73.92137625	1.09
HOOD RIVER	10.79647889	10.871278	1.09
HAVANA-HELIX	8.529384354	8.532	1.09
ODELL	3.309096197	3.45	1.09
SILETZ	17.763	17.77318314	1.09
COQUILLE-BANDON	11.21	13.98	1.09
ALBANY-LYONS	4.23028833	4.296755135	1.09
HUNTINGTON	10.7	10.74	1.09
KINGS VALLEY	5.407571017	8.98	1.09
WASCO-HEPPNER	12.73006188	12.76369006	1.09
HALSEY-SWEET HOME	13.538	13.55	1.09
HAVANA-HELIX	2.590343824	2.878319531	1.09
WASCO-HEPPNER	79.65	80.299	1.09
ATHENA-HOLDMAN	10.82	11.33187001	1.09
POWERS	4.513525584	4.517153123	1.09
WASCO-HEPPNER	14.2205247	14.27311834	1.09
MADRAS-PRINEVILLE	6.440829109	21.97	1.09
SUNNYSIDE-UMAPINE	5.480775681	5.64	1.09
CENTURY DRIVE	6.615125719	6.623416396	1.09
SILETZ	21.1299602	21.14298928	1.09
ROGUE RIVER LOOP	10.08938466	10.10323457	1.09
STEENS	0.49	0.52	1.09
WASCO-HEPPNER	13.18465699	13.24749326	1.09
LEXINGTON-ECHO	19.63	19.9	1.09
ALBANY-LYONS	0.597630837	0.878011943	1.09

SPRINGFIELD-CRESWELL	13.59759414	13.62018321	1.09
ALBANY-LYONS	23.33879528	23.39772833	1.09
HERMISTON	12.486	12.519	1.09
WASCO-HEPPNER	76.345	76.93634242	1.09
HALSEY-SWEET HOME	1.790047267	2.39	1.09
HOOD RIVER	12.91113703	14.52	1.09
POWERS	3.78	4.208413323	1.09
CRESCENT LAKE	0.23	2.22	1.09
INDEPENDENCE	3.53	3.532712284	1.09
WASCO-HEPPNER	14.876	14.95	1.09
SAMS VALLEY	6.867049949	6.987856806	1.09
MAPLETON-JUNCTION CITY	49.64	50.11345838	1.09
HAVANA-HELIX	4.568750229	4.70311415	1.09
POWERS	4.318539038	4.389357172	1.09
WASCO-HEPPNER	14.78	14.823	1.09
SILETZ	18.65244492	18.6890581	1.09
WASCO-HEPPNER	12.7032447	12.71368011	1.09
SILETZ	16.36500462	16.3760626	1.09
ALBANY-LYONS	2.852582786	2.927488251	1.09
WASCO-HEPPNER	81.915	81.94080089	1.09
MAPLETON-JUNCTION CITY	8.05	8.17	1.09
ATHENA-HOLDMAN	12.49638958	12.74728701	1.09
ODELL	0.226163064	0.274855262	1.09
SILETZ	22.65845755	22.67	1.09
COQUILLE-BANDON	10.86	11.12	1.09
WESTON-ELGIN	-1.12	6.69	1.09
HERMISTON	11.52335601	12.486	1.09
WASCO-HEPPNER	12.17054642	12.22488411	1.09
HALSEY-SWEET HOME	12.00154872	12.17	1.09
SILETZ	26.049	26.16956997	1.09
COQUILLE-BANDON	0.384	0.397144564	1.09
O NEIL	0.595461934	0.717402979	1.09
SILETZ	21.541	21.61370764	1.09
COQUILLE-BANDON	7.22	10.85	1.09
HERMISTON	10.27328673	10.28715915	1.09
WASCO-HEPPNER	72.767	73.1722953	1.09
HALSEY-SWEET HOME	12.2	12.37267198	1.09
ODELL	0.447101232	0.472	1.09
POWERS	2.780309879	2.819688408	1.09
ALBANY-LYONS	22.75704834	22.759	1.09
UKIAH-HILGARD	23.53616277	45.50958067	1.09
WASCO-HEPPNER	77.0136448	77.19400888	1.09
SISKIYOU	6.694793669	6.721	1.09
HOOD RIVER	10.68379337	10.761	1.09
HAVANA-HELIX	3.53	3.719147289	1.09
MEDICAL SPRINGS	1.194	1.230704201	1.09
HERMISTON	2.00E-02	2.87	1.09
WASCO-HEPPNER	13.77173848	13.819	1.09
SISKIYOU	6.721	7.49	1.09
STEENS	0.530532925	0.585757146	1.09
WASCO-HEPPNER	11.5030431	11.743	1.09
LEXINGTON-ECHO	2.46	6.48	1.09
OLDS FERRY-ONTARIO	20.8	20.80353178	1.09
CULVER	9.879938215	11.62	1.09
HALSEY-SWEET HOME	12.87078753	12.93232839	1.09
HAVANA-HELIX	8.217962194	8.361201941	1.09
COQUILLE-BANDON	10.85	10.86	1.09
WASCO-HEPPNER	83.03416044	83.143	1.09
MAPLETON-JUNCTION CITY	8.39	8.4	1.09
HALSEY-SWEET HOME	9.482303766	9.623708346	1.09
WASCO-HEPPNER	13.993	14.04899714	1.09
MEDICAL SPRINGS	0.860509023	0.902278093	1.09
EAGLE CREEK-SANDY	2.930119616	3.065231076	1.09
WASCO-HEPPNER	83.67992579	83.6842827	1.09
SHERARS BRIDGE	16.34	16.36	1.09
SILETZ	18.00152233	18.00657696	1.09
ROGUE RIVER LOOP	11.37135881	11.3883631	1.09
WASCO-HEPPNER	80.8687717	80.929728	1.09
HALSEY-SWEET HOME	9.63	9.674825926	1.09
POWERS	5.136137725	5.459195212	1.09
OLDS FERRY-ONTARIO	21.28472537	21.8976793	1.09
O NEIL	2.010112111	2.137279107	1.09
SPRINGFIELD-CRESWELL	11.7625761	11.96023073	1.09
SILETZ	15.6590781	15.663	1.09
WESTON-ELGIN	10.57	10.69528353	1.09
WASCO-HEPPNER	12.065	12.14360699	1.09
HEPPNER-SPRAY	21.71	21.72	1.09

HALSEY-SWEET HOME	11.04655777	11.40148192	1.09
HAVANA-HELIX	2.4	2.506117821	1.09
HALSEY-SWEET HOME	7.39	8.846932972	1.09
INDEPENDENCE	3.79	4.860023505	1.09
WASCO-HEPPNER	14.20584597	14.214	1.09
MEDICAL SPRINGS	1.494	1.559458196	1.09
OLDS FERRY-ONTARIO	14.84178461	18.87931792	1.09
O NEIL	12.43328892	12.45844395	1.09
SILETZ	19.03713218	19.04	1.09
WASCO-HEPPNER	71.06516083	71.203	1.09
LEXINGTON-ECHO	13.24	13.27	1.09
HALSEY-SWEET HOME	9.809709538	9.816716132	1.09
ALBANY-LYONS	6.131207528	6.306247023	1.09
WASCO-HEPPNER	67.86252098	68.2988536	1.09
MAPLETON-JUNCTION CITY	3.27	3.33	1.09
WASCO-HEPPNER	70.27054672	70.812	1.09
HEPPNER-SPRAY	21.72	24.66535585	1.09
ALBANY-LYONS	1.006324141	1.831718986	1.09
SILETZ	16.57860189	16.71749887	1.09
WASCO-HEPPNER	74.352	76.31453643	1.09
HAVANA-HELIX	8.99565967	9.137350217	1.09
POWERS	0.175818471	0.221229985	1.09
SAMS VALLEY	3.899705358	3.900023487	1.09
MAPLETON-JUNCTION CITY	5.77	8.05	1.09
INDEPENDENCE	3.368261409	3.382668914	1.09
WASCO-HEPPNER	14.302	14.327	1.09
OLDS FERRY-ONTARIO	0.24	8.885910956	1.09
SHERARS BRIDGE	28.239	28.25	1.09
SILETZ	20.27010394	20.34825045	1.09
WASCO-HEPPNER	73.32123665	73.33	1.09
LEXINGTON-ECHO	36.19082512	37.13	1.09
HALSEY-SWEET HOME	11.88758743	11.96496254	1.09
ODELL	1.53E-02	0.165604062	1.09
SILETZ	24.809	24.89291013	1.09
POWERS	4.40E-02	7.38E-02	1.09
ALBANY-LYONS	5.391567573	6.020440171	1.09
SAMS VALLEY	7.180075345	7.26	1.09
WASCO-HEPPNER	78.92278052	79.03478877	1.09
HOOD RIVER	9.777754397	10.15430158	1.09
MEDICAL SPRINGS	1.237653144	1.250165337	1.09
O NEIL	2.679813232	2.847858397	1.09
SHERARS BRIDGE	16.36	28.239	1.09
ALSEA-DEADWOOD	0.753788842	9.49	1.09
MEDICAL SPRINGS	1.680974595	1.834037348	1.09
SUNNYSIDE-UMAPINE	6.422324429	6.450436779	1.09
SPRINGFIELD-CRESWELL	5.11	5.123367272	1.09
SILETZ	20.38332517	20.53738192	1.09
WASCO-HEPPNER	11.79394542	11.85243399	1.09
LEXINGTON-ECHO	10.13	13.24	1.09
ODELL	0.435823586	0.444817698	1.09
WASCO-HEPPNER	78.74421904	78.89944126	1.09
SUNNYSIDE-UMAPINE	5.93	5.965417875	1.09
SILETZ	21.33690202	21.35433528	1.09
WASCO-HEPPNER	14.61853779	14.6416486	1.09
OLDS FERRY-ONTARIO	-0.29	0.144	1.09
COVE	21.748	21.81829031	1.09
COQUILLE-BANDON	0.416317385	0.433916641	1.09
ALBANY-LYONS	4.899776018	5.036836066	1.09
UMATILLA MISSION	4.494444733	4.75	1.09
WASCO-HEPPNER	70.8501201	70.91646204	1.09
LEXINGTON-ECHO	1.44	2.45	1.09
OLDS FERRY INTCHG. CONN.	0.124	0.14	1.09
SILETZ	22.78766097	22.80462798	1.09
HUNTINGTON	10.778	10.797	1.09
WASCO-HEPPNER	11.882	11.91047351	1.09
LEXINGTON-ECHO	0.250023475	1.43	1.09
HOOD RIVER	12.708553	12.8033924	1.09
HAVANA-HELIX	8.365799431	8.374386974	1.09
COQUILLE-BANDON	0.17	0.337	1.09
ALBANY-LYONS	23.0788007	23.1349006	1.09
UKIAH-HILGARD	47.13567514	47.52	1.09
WASCO-HEPPNER	54.86	59.66	1.09
OLDS FERRY-ONTARIO	1.14E-13	0.25	1.09
CRESCENT LAKE	2.24	2.39	1.09
SILETZ	14.66157254	14.73633936	1.09
ATHENA-HOLDMAN	1.14E-13	8.44	1.09
WASCO-HEPPNER	71.89834038	72.74400067	1.09

LEXINGTON-ECHO	34.7711214	35.077	1.09
WESTON-ELGIN	-1.315157696	-1.12	1.09
ALBANY-LYONS	11.67626135	12	1.09
WESTON-ELGIN	7	10.05	1.09
WASCO-HEPPNER	77.21918588	77.418	1.09
HOOD RIVER	11.89519605	12.4592415	1.09
HAVANA-HELIX	8.547072059	8.578	1.09
SAMS VALLEY	7.025	7.10925855	1.09
WEST DIAMOND LAKE	12.16	23.8	1.09
HAVANA-HELIX	8.387087924	8.522433098	1.09
WASCO-HEPPNER	80.723	80.76223017	1.09
HALSEY-SWEET HOME	9.152	9.15406697	1.09
ATHENA-HOLDMAN	12.365	12.3803189	1.09
O NEIL	11.01838377	11.022	1.09
SILETZ	21.38759035	21.41821259	1.09
ROGUE RIVER LOOP	11.14935583	11.1781561	1.09
WASCO-HEPPNER	13.548	13.56	1.09
O NEIL	1.000523526	1.09977778	1.09
PACIFIC HWY CONN. NO. 2	6.991	7	1.09
ALBANY-LYONS	23.50714879	23.52028002	1.09
WESTON-ELGIN	10.09	10.53	1.09
WASCO-HEPPNER	73.96908083	74.35009009	1.09
HOOD RIVER	17.804	18.34379774	1.09
ATHENA-HOLDMAN	9.57	10.81	1.09
ANTELOPE	1.14E-13	0.71744448	1.09
MADRAS-PRINEVILLE	3.210323535	3.315082993	1.09
JACKSONVILLE	28.40540352	30.23986983	1.09
UMATILLA MISSION	1.14E-13	2.014407975	1.09
SILETZ	15.02611639	15.07321235	1.09
STEENS	1.577815415	1.73	1.09
WASCO-HEPPNER	12.894	12.89673702	1.09
LEXINGTON-ECHO	19.9	19.91	1.09
OLDS FERRY-ONTARIO	22.31205917	22.31669818	1.09
O NEIL	11.19720774	11.79333906	1.09
SILETZ	20.78249677	20.84377428	1.09
WASCO-HEPPNER	12.98736579	13.044	1.09
O NEIL	0.507877313	0.53126763	1.09
POWERS	0.119694332	0.124739581	1.09
ALBANY-LYONS	11.06877669	11.10136361	1.09
WASCO-HEPPNER	80.566	80.57016027	1.09
MAPLETON-JUNCTION CITY	2.911781144	3.27	1.09
LEXINGTON-ECHO	2.45	2.46	1.09
MEDICAL SPRINGS	0.743	0.757	1.09
CENTURY DRIVE	6.982597378	7.276736381	1.09
ODELL	0.291418767	0.43260637	1.09
SILETZ	14.83223931	14.92256313	1.09
HUNTINGTON	9.983871539	10.7	1.09
WASCO-HEPPNER	12.37884981	12.40451449	1.09
HALSEY-SWEET HOME	2.39	2.408	1.09
POWERS	1.14E-13	1.70E-02	1.09
CULVER	8.32	8.430851087	1.09
SAMS VALLEY	16.59018837	16.81506332	1.09
WASCO-HEPPNER	78.45371678	78.45836747	1.09
HALSEY-SWEET HOME	13.04895699	13.28	1.09
TERRITORIAL	21.26086977	21.29579482	1.09
MEDICAL SPRINGS	0.775983265	0.832527456	1.09
MADRAS-PRINEVILLE	4.253866037	4.498822414	1.09
SISKIYOU	7.5	7.536	1.09
ODELL	0.178530582	0.214270481	1.09
ALBANY-LYONS	11.40971103	11.66004838	1.09
WASCO-HEPPNER	80.3381143	80.47768492	1.09
HOOD RIVER	14.52	14.55	1.09
LEXINGTON-ECHO	1.43	1.44	1.09
MEDICAL SPRINGS	1.388489473	1.405566327	1.09
CENTURY DRIVE	5.770486767	5.772808562	1.09
HUNTINGTON	10.797	11.09	1.09
WASCO-HEPPNER	13.14927484	13.1762616	1.09
LEXINGTON-ECHO	19.91	19.916	1.09
HALSEY-SWEET HOME	13.28	13.28733359	1.09
SILETZ	25.0398416	25.16659982	1.09
HAVANA-HELIX	3.455	3.53	1.09
COQUILLE-BANDON	11.12	11.21	1.09
ALBANY-LYONS	4.7	4.895770206	1.09
WASCO-HEPPNER	82.27245537	83.019	1.09
ADRIAN-CALDWELL	4.412980319	5.09	1.09
WASCO-HEPPNER	14.37058194	14.38815252	1.09
MEDICAL SPRINGS	0.765369267	0.769	1.09

CRESCENT LAKE	1.14E-13	8.00E-02	1.09
EAGLE CREEK-SANDY	3.881248676	4.572001764	1.09
SUNNYSIDE-UMAPINE	6.042980119	6.052159948	1.09
SHERARS BRIDGE	8.3	16.34	1.09
SILETZ	20.07119614	20.0990776	1.09
INDEPENDENCE	3.165619098	3.237975584	1.09
HERMISTON	10.85500183	10.929	1.09
WASCO-HEPPNER	11.9287314	11.94437009	1.09
LEXINGTON-ECHO	13.27	19.53	1.09
OLDS FERRY-ONTARIO	0.156	0.24	1.09
ALBANY-LYONS	2.224530257	2.308924542	1.09
SILETZ	25.40260168	25.60180271	1.09
WESTON-ELGIN	10.53	10.57	1.09
PAYETTE SPUR	21.23	21.3	1.09
SUNNY VALLEY CONN. NO. 6	71.13	71.289	1.03
JUMPOFF JOE CONN. 3	66.55	66.72071876	1.03
MYRTLE CREEK CONN. NO. 3	108.643	108.655	1.03
WEAVER RD. CONN. NO. 3	106.71	106.7606782	1.03
SUNNY VALLEY CONN. NO. 4	71.35	71.57	1.03
MYRTLE CREEK CONN. NO. 3	108.655	108.7	1.03
SUNNY VALLEY CONN. NO. 5	71.81	71.84	1.03
SUNNY VALLEY CONN. NO. 6	71.289	71.34	1.03
SUNNY VALLEY CONN. NO. 1	71.51	71.54	1.03
MYRTLE CREEK CONN. NO. 2	108.27	108.43	1.03
MYRTLE CREEK CONN. NO. 3	108.57	108.643	1.03
MYRTLE CREEK CONN. NO. 4	108.33	108.37	1.03
MYRTLE CREEK CONN. NO. 3	108.47	108.57	1.03
MYRTLE CREEK CONN. NO. 3	108.7	108.8	1.03
SUNNY VALLEY CONN. NO. 1	71.414	71.51	1.03
SUNNY VALLEY CONN. NO. 1	71.36	71.414	1.03
SUNNY VALLEY CONN. NO. 5	71.59	71.81	1.03
MYRTLE CREEK CONN. NO. 1	107.99	108.24	1.03
JUMPOFF JOE CONN. 2	66.48	66.64	1.03
WEAVER RD. CONN. NO. 1	106.6685699	106.72	1.03
N CANYONVILLE CONN. NO. 3	100.2716756	100.33	1.03
N CANYONVILLE CONN. NO. 2	99.52941925	99.78953173	1.03
W EMIGRANT PARK CONN. NO 1	233.81	234.35	1.03
POWERS RD. CONN. NO. 3	140.06	140.06	1.03
STANFIELD JCT. CONNECTION	188.64	188.8350382	1.03
W EMIGRANT PARK CONN. NO 3	233.47	233.64	1.03
W EMIGRANT PARK CONN. NO 1	234.35	234.43	1.03
REED MARKET RD. CONN. NO 3	139.38	139.38	1.03
W EMIGRANT PARK CONN. NO 2	234.35	234.37	1.03
SUMMERTIME DR. FRONTAGE RD	33.13	33.14	1.03
SUMMERTIME DR. FRONTAGE RD	33.12	33.13	1.03
VICTORY LANE FRONTAGE RD.	33.12	33.18	1.03
SUMMERTIME DR. FRONTAGE RD	33.01438402	33.12	1.03
S SAUNDERS LAKE FRONT RD.	227.11	227.16	1.03
S SAUNDERS LAKE FRONT RD.	226.95	227.11	1.03
FRONTAGE RD. CONN. 2	7.49	7.53	1.03
STANFIELD JCT. CONNECTION	12.47	12.69	1.03
SWIFT CONN. NO. 1	6.536620404	6.536620407	1.03
SWIFT CONN. NO. 1	6.230260636	6.230702595	1.03
SWIFT CONN. NO. 1	6.536620404	6.536620407	1.03
WHITESON RD. CONN.	41.98	42	1.03
SWIFT CONN. NO. 1	6.536620404	6.536620407	1.03
WHITESON RD. CONN.	41.95	41.98	1.03
PACIFIC HWY CONN. NO. 4	12.7772201	12.77722011	1.03
SWIFT CONN. NO. 1	6.536620404	6.536620407	1.03
ALSTON INTERCH. CONN.NO. 2	52.36	52.42	1.03
ALSTON INTERCH. CONN.NO. 1	52.37035869	52.42	1.03
MISSION JCT. INTCHG. CONN.	4.44	4.607789182	1.03
YONCALLA CONN. NO. 1	150.13	150.24	1
AZALEA CONN. NO. 2	88.2	88.22	1
SAGINAW CONN. NO. 2	176.69	176.86	1
BOOMER HILL RD. CONN. NO 2	110.35	110.39	1
FARGO RD. CONN. NO. 2	278.642965	278.76	1
YONCALLA CONN. NO. 1	150.24	150.51	1
RICE HILL CONN. NO. 2	148.72	148.78	1
BALDOCK S.R.A. CONN. NO. 1	281.69	281.71	1
FRONTAGE RD.	111.22	111.34	1
S RICE HILL CONN. NO. 3	146.6	146.86	1
MT. TOM DR. FRONTAGE RD.	203.44	203.6173172	1
BARTON RD. CONN. NO. 2	83.17	83.38	1
ENCHANTED WAY FRONT. RD	247.6043889	248.44	1
DONALD FRONTAGE RD.	277.36	277.51	1
WILBUR-UMPQUA FRONTAGE RD.	131.91	131.971	1

DILLARD HWY CONN. NO. 2	111.77	112.16	1
CLARKS BRANCH CONN. NO. 1	113.25	113.2629865	1
DEVER RD. CONN. NO. 3	239.98	240.05	1
WILLIAMS FRONTAGE RD.	170.25	170.69	1
S. WOLF CREEK CONN. NO. 3	75.6	75.83	1
BOONES FERRY FRONTAGE RD.	281.24	281.45	1
N. WOLF CREEK CONN. NO. 2	76.78964598	77.14	1
RICE HILL CONN. NO. 2	148.78	148.8	1
ASH SWALE FRONTAGE RD.	219.08	219.69	1
SCOTTS VALLEY CONN. NO. 2	159.16	159.4	1
N. WOLF CREEK CONN. NO. 1	76.42	76.582	1
BATTLE CREEK CONN. NO. 4	247.88	248.15	1
RICE HILL CONN. NO. 2	148.71	148.72	1
CANYONVILLE CONN. NO. 1	98.1	98.27595527	1
RICE HILL FRONTAGE RD.	147.88	148.5	1
N. WOLF CREEK CONN. NO. 1	76.582	76.593	1
SAGINAW CONN. NO. 2	176.86	176.9	1
DILLARD HWY CONN. NO. 2	112.16	112.25	1
BATTLE CREEK CONN. NO. 5	248.41	248.42	1
HOUSE CREEK FRONTAGE RD.	64.99315551	65.1	1
N OAKLAND CONN. NO. 1	140.05	140.1605616	1
CANYONVILLE CONN. NO. 3	99.21447758	99.51	1
S RICE HILL CONN. NO. 3	146.86	146.88	1
DILLARD HWY CONN. NO. 3	112.16	112.18	1
METZ HILL CONN. NO. 2	142.12	142.24	1
QUINES CREEK CONN. NO. 2	86.04	86.23	1
DILLARD HWY CONN. NO. 3	112.18	112.38	1
SEARS FRONTAGE RD.	179.049	179.11	1
S. WOLF CREEK CONN. NO. 1	75.79	76.02	1
BOOMER HILL RD. CONN. NO 1	110.07	110.36	1
YONCALLA CONN. NO. 2	150.13	150.18	1
CURTIN CONN. NO. 1	163.66	163.7	1
CURTIN CONN. NO. 3	163.68	163.7	1
SAGINAW CONN. NO. 4	177.26	177.3	1
S OAKLAND CONN. NO. 2	138.59	138.61	1
AZALEA CONN. NO. 2	88.04	88.2	1
BOOMER HILL RD. CONN. NO 3	110.37	110.44	1
BATTLE CREEK CONN. NO. 5	248.3298425	248.36	1
SEXTON MTN. FRONTAGE RD.	66.79743562	70.29	1
DILLARD JCT. FRONTAGE RD.	112.16	112.35	1
SUNNYSIDE RD. NO. 1	245.9201146	247.15	1
N. WOLF CREEK CONN. NO. 1	76.593	76.80416981	1
N OAKLAND CONN. NO. 2	140.9265749	141.03	1
FELLERS FRONTAGE RD. E	276.4	276.56	1
SAGINAW CONN. NO. 2	176.9	176.95	1
SPEAKER RD. CONN. NO. 2	78.89	79.01	1
BROADACRES FRONTAGE RD. E	274.67	274.79	1
CABIN CREEK S.R.A. CONN #1	142.75	142.87	1
GLENDALE CONN. NO. 1	80.61	80.64	1
AZALEA CONN. NO. 4	88.45	88.48	1
BUTTEVILLE FRONTAGE RD.	280.67	281.42	1
WEST FORK CONN. NO. 2	95.79	95.98	1
SUNNY VALLEY FRONT. RD. #1	70.17	71.55096996	1
DILLARD HWY CONN. NO. 4	112.18	112.21	1
SALT SPRINGS RD. CONN. 3	159.96	160.24	1
AZALEA CONN. NO. 1	88.16	88.17	1
DILLARD HWY CONN. NO. 4	112.21	112.32	1
BATTLE CREEK CONN. NO. 5	248.42	248.45	1
S UMPQUA FRONTAGE RD.	101.34	101.47	1
YONCALLA CONN. NO. 4	149.71	149.79	1
Q STREET CONN. NO. 1	194.0560046	194.0560047	1
YOKUM RD. CONN. NO. 3	101.56	101.65	1
BATTLE CREEK CONN. NO. 1	248.22	248.41	1
CURTIN CONN. NO. 3	163.7	163.82	1
CANYON CREEK FRONT. RD. #1	95.06	95.88	1
JUMPOFF JOE CONN. 2	66.02	66.30028997	1
BOOMER HILL RD. CONN. NO 2	110.39	110.41	1
SAGINAW CONN. NO. 5	177.26	177.28	1
SUNNYSIDE RD. NO. 1	247.15	247.5960469	1
AZALEA CONN. NO. 2	88.01	88.04	1
DILLARD HWY CONN. NO. 6	111.89	112.01	1
DEVER RD. CONN. NO. 1	239.64	239.73	1
S OAKLAND CONN. NO. 1	138.59	138.67	1
ENCHANTED WAY FRONT. RD	244.68	247.13	1
FOREST LANE CONN. NO. 1	46.3	46.33	1
BIGGS-RUFUS FRONTAGE RD.	109.63	109.69	1
MOSIER INTCHGE. CONN. NO.3	69.99	70.01	1

BIGGS-RUFUS FRONTAGE RD.	109.5698927	109.63	1
WYETH INTCHG. CONN. NO. 2	50.97	51.01	1
WARRENDALE FRONTAGE RD.	37.13	37.65	1
BONNEVILLE DAM CONN. NO. 3	40.32	40.34	1
BALDOCK S.R.A. CONN. NO. 2	281.5	281.7	1
BONNEVILLE DAM CONN. NO. 2	40.34	40.44	1
E CASCADE LOCKS FRONT. RD	45.04	46.32	1
E CASCADE LOCKS FRONT. RD	46.38	47.31	1
BALDOCK S.R.A. CONN. NO. 3	282.14	282.34	1
VIENTO STATE PK. CONN NO 2	56.04	56.21	1
BIGGS-RUFUS FRONTAGE RD.	109.69	109.95	1
CORBETT CONN. NO. 4	22.41	22.58	1
WARRENDALE O'XING CONN.	37.1	37.15	1
THE DALLES DAM CONN. NO. 2	88.79	88.81	1
BALDOCK S.R.A. CONN. NO. 5	282.34	282.89	1
FOREST LANE CONN. NO. 2	46.29	46.33	1
CABIN CREEK S.R.A. CONN #2	142.75	142.87	1
DODSON-WARRENDALE FRONT RD	35.34	37.12	1
BIGGS-RUFUS FRONTAGE RD.	109.95	110.44	1
WARRENDALE FRONTAGE RD.	36.96	37.13	1
BALDOCK S.R.A. CONN. NO. 3	282.34	282.35	1
BONNEVILLE DAM CONN. NO. 3	40.23	40.32	1
BALDOCK S.R.A. CONN. NO. 3	282.35	282.38	1
HERMAN CREEK RD. CONN.	47.85	47.89	1
ILLAHEE O'XING CONN.	247.15	247.177	1
VIENTO STATE PK. CONN NO 3	56.02	56.33	1
THE DALLES DAM CONN. NO. 2	88.81	88.89	1
E CASCADE LOCKS FRONT. RD	46.32	46.38	1
BALDOCK S.R.A. CONN. NO. 1	281.71	281.73	1
HERMAN CREEK RD. CONN.	47.89	47.98	1
S TIGARD CONN. NO. 3	292.3985786	292.3985787	1
SALT SPRINGS FRONTAGE RD.	160.09	160.12	1
BALDOCK S.R.A. CONN. NO. 1	281.5	281.69	1
DODSON-WARRENDALE FRONT RD	37.12	37.6	1
CELILO FRONTAGE RD.	96.88	97.17	1
DODSON FRONTAGE RD.	35.44	36.29	1
BALDOCK S.R.A. CONN. NO. 6	281.69	282.22	1
E CASCADE LOCKS FRONT. RD	47.31	47.62	1
BONNEVILLE DAM CONN. NO. 4	40.32	40.47	1
BIGGS JUNCTION FRONTAGE RD	104.28	104.51	1
CORBETT CONN. NO. 2	22.225	22.282	1
BALDOCK S.R.A. CONN. NO. 4	282.14	282.34	1
HISTORIC COL.RIV.HWY. NO 2	35.32	35.35	1
JOHN DAY	0.55	0.609999762	1
KAMELA INTCHG. FRONTAGE RD	243.76	243.97	1
COLUMBIA RIVER HWY CONN. 1	0.72	0.81	1
WEATHERBY CONN. NO. 6	335.84	336.1	1
OLD EMIGRANT HILL FR. NO.1	235.205135	235.25	1
FIVE POINT CREEK FRONT. RD	253.4874919	253.49	1
CENTRAL OREGON	265.5900002	265.68	1
FRONTAGE RD. CONN. NO. 2	232.72	232.95	1
OLD EMIGRANT HILL FR. NO.1	235.25	236.18	1
BOARDMAN CONN. NO. 2	164.152	164.17	1
CLOVER CREEK CONN. NO. 2	278.53	278.81	1
JOHN DAY	0.34	0.55	1
S CENTURY DRIVE CONN. 4	153.4	153.4	1
DEADMANS PASS MEACHAM FR.	234.0591014	234.12	1
JORDAN CREEK CONN. NO. 2	338.15	338.19	1
DURKEE CONN. NO. 2	327.38	327.5	1
OLD EMIGRANT HILL FR. NO.1	240.38	240.45	1
JOHN DAY	0.639	0.76	1
VINES HILL FRONTAGE RD.	232.97	233.24	1
LADD CANYON S.R.A. CONN. 4	268.44	268.7	1
UKIAH-HILGARD CONN.	252.56	252.76	1
COLUMBIA RIVER HWY CONN. 1	0.55	0.72	1
W JOHN DAY CONN. NO. 2	114.2	114.33	1
DIXIE CONN. NO. 2	340.35	340.46	1
OLD EMIGRANT HILL FR. NO.1	224.7243551	224.7359491	1
BAKER VALLEY S.R.A. CONN 2	294.97	295.24	1
JOHN DAY	0.320000303	0.34	1
OLD EMIGRANT HILL FR. NO.1	236.5	237.0073994	1
BOARDMAN CONN. NO. 1	163.9	164.18	1
HAMILTON CREEK FRONTAGE RD	256.39	257.35	1
DEADMANS PASS MEACHAM FR#2	235.03	235.27	1
ARLINGTON INTCHGE. CONN.	139.047	139.16	1
ENCINA CONN. NO. 2	313.47	313.79	1
KAMELA CONN. NO. 3	244.13	244.3	1

OLD EMIGRANT HILL FR. NO.1	224.8552117	224.893	1
OLD EMIGRANT HILL FR. NO.1	239.4	240.1	1
BAKER VALLEY S.R.A. CONN 4	294.53	294.69	1
CHILOQUIN CONN. NO. 1	247.45	247.56	1
DEADMANS PASS MEACHAM FR.	233.31	233.5362664	1
OLD EMIGRANT HILL FR. NO.1	236.48	236.5	1
S CENTURY DRIVE CONN. 3	153.112	153.17	1
BOARDMAN CONN. NO. 2	164.11	164.152	1
S CENTURY DRIVE CONN. 3	153.08	153.112	1
UPPER PERRY CONN. NO. 1	256.49	256.56	1
CENTRAL OREGON	265.6950567	265.78	1
REVERE AVE. CONN. NO. 1	137.19	137.19	1
OLD EMIGRANT HILL FR. NO.1	236.24	236.48	1
ARLINGTON INTCHGE. CONN.	139.0401517	139.047	1
HAMILTON CREEK FRONTAGE RD	257.35	257.93	1
COLUMBIA RIVER HWY CONN. 1	0.81	0.9381863	1
JOHN DAY	0.513256877	0.629	1
LADD CANYON FRONTAGE RD #2	273.91	274.03	1
ROSEDALE FRONTAGE RD.	189.28	191.17	1
JOHN DAY	0.629	0.639	1
RUFUS CONN. NO. 2	109.88	110	1
WEATHERBY CONN. NO. 2	335.62	335.84	1
OLD EMIGRANT HILL FR. NO.1	233.404646	233.95	1
NELSON CONN. NO. 3	330.67	331.43	1
LADD CANYON FRONTAGE RD #1	272.14	273.91	1
MEACHAM CONN. NO. 1	238.77	238.79	1
BOARDMAN CONN. NO. 4	164.41	164.67	1
REW ELEVATOR CONN. NO. 2	198.5267371	198.85	1
BAKER VALLEY S.R.A. CONN 1	294.9	295.16	1
S CENTURY DRIVE CONN. 3	152.8	152.8662413	1
S DUFUR FRONTAGE RD.	14.1	14.3	1
E EMIGRANT PARK CONN. NO 2	235.09	235.11	1
WOLF CREEK CONN. NO. 2	283.56	283.73	1
N BENSON CREEK FRONT RD #2	350.2	351.44	1
HORSE RIDGE FRONTAGE RD.	12.6	17.85	1
OLD EMIGRANT HILL FR. NO.1	240.19	240.38	1
UPPER PERRY CONN. NO. 1	256.56	256.62	1
CENTRAL OREGON	265.78	265.7837777	1
WINN-STEEN RD. CONN.	21.783	21.95	1
CENTRAL OREGON	266.3813739	266.47	1
ROCK CREEK ACCESS RD.	252.65	253.1253648	1
PORT OF MORROW CONN. NO. 2	165.76	165.808	1
PLEASANT VALLEY CONN. NO 1	317.36	317.56	1
MEACHAM CONN. NO. 5	238.15	238.24	1
UPPER PERRY CONN. NO. 3	256.56	256.6	1
KAMELA CONN. NO. 2	243.9	243.94	1
OLD OREGON TRAIL CONN NO 2	167.94	167.9869286	1
WEATHERBY CONN. NO. 2	336.03	336.25	1
OLD EMIGRANT HILL FR. NO.1	237.507	238.778817	1
N BENSON CREEK FRONT RD #1	350.03	350.2	1
SCHRIMPF FRONTAGE RD.	20.13	20.36	1
W MEACHAM FRONTAGE RD.	237.18	238.15	1
OLD EMIGRANT HILL FR. NO.1	239.279	239.4	1
NAMORF FRONTAGE RD.	213.32	214.8473173	1
FIVE POINT CREEK FRONT. RD	253.46	253.4692303	1
OLD EMIGRANT HILL FR. NO.1	233.95	234.6400813	1
HIGH POINT FRONTAGE RD.	227.62	227.85	1
BOARDMAN CONN. NO. 3	164.15	164.41	1
KAMELA CONN. NO. 2	243.73	243.9	1
N HUNTINGTON CONN. NO. 2	345.77	345.91	1
OLD EMIGRANT HILL FR. NO.1	236.18	236.24	1
LADD CANYON FRONTAGE RD #1	273.91	274.71	1
E EMIGRANT PARK FRONT RD 1	234.96	235.03	1
HOLLIDAY REST STOP CONN.	155.3	155.45	1
STANTON BLVD. FRONTAGE RD.	371.45	371.62	1
OLD EMIGRANT HILL FR. NO.1	240.45	240.5	1
TOWER RD. CONN. NO. 2	159.18	159.35	1
LADD CANYON S.R.A. CONN. 3	269.54	269.86	1
EMPIRE AVE. CONN. NO. 1	135.51	135.51	1
BOARDMAN CONN. NO. 2	164.17	164.21	1
JORDAN CREEK CONN. NO. 2	338.09	338.15	1
OLD EMIGRANT HILL FR. NO.1	240.5	244.1830475	1
JORDAN CREEK FRONTAGE RD.	338.03	338.12	1
HAMILTON CREEK FRONTAGE RD	254.36	256.34	1
WEATHERBY CONN. NO. 2	335.84	336.03	1
OLD EMIGRANT HILL FR. NO.1	224.802	224.848	1
RUFUS CONN. NO. 2	110	110.05	1

HAMILTON CREEK FRONTAGE RD	256.34	256.39	1
ENCINA CONN. NO. 2	313.79	313.83	1
S CENTURY DRIVE CONN. 3	153.0215075	153.08	1
E EMIGRANT PARK FRONT RD 1	235.03	235.61	1
BARNHART CONN. NO. 2	202.853	203.02	1
ENCINA CONN. NO. 4	313.12	313.17	1
MEACHAM CONN. NO. 2	238.82	238.88	1
THREEMILE CANYON CONN NO 3	151.72	151.85	1
NELSON CONN. NO. 2	330.66	330.78	1
YOAKUM RD. CONN. NO. 2	199.442	199.61	1
BAKER VALLEY S.R.A. CONN 3	295.44	295.62	1
COUNTY RD. CONN.	22.85	23	1
MEACHAM CONN. NO. 3	238.85	238.88	1
S CENTURY DRIVE CONN. 3	153.17	153.19	1
COLUMBIA RIVER HWY CONN. 2	0.34	0.45	1
KAMELA CONN. NO. 2	243.68	243.73	1
OLD OREGON TRAIL CONN NO 2	167.9918641	168.07	1
LOWER PERRY CONN. NO. 3	257.62	257.66	1
FOOTHILL RD. CONN. NO. 2	268.18	268.36	1
NELSON CONN. NO. 3	330.66	330.67	1
OLD EMIGRANT HILL FR. NO.1	224.778	224.802	1
LADD CANYON CONN. NO. 2	273.83	274.02	1
MEACHAM CONN. NO. 6	238.2	238.24	1
OLD EMIGRANT HILL FR. NO.1	240.1	240.19	1
BOARDMAN CONN. NO. 5	163.64	163.9	1
KNOX O'XING CONN. NO. 3	326.47	326.491	1
O'BRIEN CREEK FRONTAGE RD.	314.15	314.72	1
CRATER LAKE	89.77	90.01	1
E. FORK ILLINOIS RIVER FR.	29.46	29.65	1
E. WOODLANDS DR. FRONT. RD	42.70662795	42.86	1
STEWART CREEK FRONTAGE RD.	11.47	14.58	1
MCKENZIE	91.85	91.919	1
WEDDERBURN JCT. CONN. NO 4	327.5	327.52	1
PALADIN ESTATES N. FR. RD.	6.56	6.75	1
DALEY FRONTAGE RD.	93.87	94.14	1
TUALATIN VALLEY	34.17	34.179	1
WEDDERBURN LOOP FRONT. RD.	326.47	326.71	1
N BANDON FRONTAGE RD.	260.13	260.1324777	1
SE SANDERCOOK FRONTAGE RD.	27.64	27.768	1
N SAUNDERS LAKE FRONT RD.	226.8172872	226.82	1
DILLEY FRONTAGE RD.	2.26	2.49	1
ALSEA	39.65999999	39.69594138	1
HUNTER CREEK CONN. NO. 1	330.29	330.31	1
BEECH CREEK FRONTAGE RD.	112.48	113.32	1
TUALATIN VALLEY	37.58	37.5863948	1
ALSEA	39.76002353	39.76342014	1
	229.076	229.2511497	1
W. FORK ILLINOIS RIVER FR.	31.8	31.94	1
ALSEA	39.96	40.06002348	1
DEEP CANYON FRONTAGE RD.	99.31	99.32	1
MCKAY CREEK FRONTAGE RD.	7.72	11.47	1
TUALATIN VALLEY	34.68624838	34.7032509	1
ALSEA	40.06002348	40.07870863	1
THREE RIVERS	0.29011395	0.35	1
GEISEL MONUMENT CONN.	322.04	322.17	1
CRATER LAKE	90.05	90.18999982	1
MYERS CREEK CONN. NO. 1	337.05	337.17	1
TUALATIN VALLEY	34.14002345	34.17	1
CASCADE GORGE FRONTAGE RD.	37.65	37.87	1
MYERS CREEK CONN. NO. 1	337.17	337.21	1
BAKER-COPPERFIELD	42.22	42.26984431	1
HAPPEL LN. FRONTAGE RD.	24.92	25.07	1
WEBER FRONTAGE RD.	30.33	30.43	1
NW 55TH AVE. FRONTAGE RD.	20.37	20.51	1
WEDDERBURN JCT. CONN. NO 4	327.497	327.5	1
MINAM CONN. NO. 1	33.56	33.61	1
HUMBUG MOUNTAIN FRONT. RD.	306.99	307.23	1
COUNTY RD. CONN. NO. 1	107.91	108.05	1
MCKAY CREEK FRONTAGE RD.	7.3	7.71	1
MINAM FRONTAGE RD.	33.55	33.63	1
TUALATIN VALLEY	38.36597136	38.44	1
BAKER-COPPERFIELD	41.271	41.3600235	1
ALSEA	39.81	39.96	1
MINOR PARK RD. FRONTAGE	155.05	155.22	1
CASCADE AVE. CONN.	92.05	92.22	1
N SAUNDERS LAKE FRONT RD.	226.42	226.4222342	1
KNOX O'XING CONN. NO. 3	326.51	326.52	1

TUALATIN VALLEY	34.08977643	34.14002345	1
ALSEA	39.80673315	39.81	1
MYERS CREEK CONN. NO. 3	337.17	337.24	1
NESIKA BEACH CONN. NO. 2	320.95	320.99	1
NESIKA BEACH FRONTAGE RD.	320.93	320.98	1
REINHART CREEK FRONT. RD.	310.26	311.9	1
MATTHEWS FRONTAGE RD.	2.26	2.262299534	1
HUNTER CREEK CONN. NO. 1	330.31	330.45	1
THREE RIVERS	0.35	0.389613203	1
BOX CANYON FRONTAGE RD.	45.01	45.0746892	1
WEDDERBURN LOOP FRONT. RD.	326.39	326.47	1
N SAUNDERS LAKE FRONT RD.	226.8172872	226.82	1
MCKAY CREEK FRONTAGE RD.	7.71	7.72	1
ALSEA	0.657490074	0.659857134	1
HAVEN CREEK FRONTAGE RD.	7.53	7.68	1
MYERS CREEK CONN. NO. 1	337.02	337.05	1
COUNTY RD (CREEGS CR) CONN	318.37	318.4	1
	28.63692213	28.91	1
POLK STATION FRONTAGE RD.	12.72	12.73	1
WEDDERBURN JCT. CONN. NO 4	327.49	327.5	1
	37.07	37.2	1
WEDDERBURN JCT. CONN. NO 4	327.497	327.5	1
TUALATIN VALLEY	38.34	38.36597136	1
MINAM FRONTAGE RD.	33.42	33.55	1
GEISEL MONUMENT CONN.	322.17	322.29	1
ALSEA	39.7372325	39.76002353	1
DEEP CANYON FRONTAGE RD.	99.32	99.85	1
WEDDERBURN JCT. CONN. NO 4	327.497	327.5	1
POLK STATION FRONTAGE RD.	12.73	12.87	1
TUALATIN VALLEY	38.2	38.34	1
HOLE IN THE WALL FRONT. RD	30.65	31.32	1
WILDERVILLE FRONTAGE RD.	7.67	8.92	1
ALDER HEIGHTS DR FRONT. RD	32.68	33.02	1
WILDWOOD DR. FRONTAGE RD.	220.82	221.78	1
CRATER LAKE	89.71963308	89.77	1
MYERS CREEK CONN. NO. 3	337.17	337.183	1
RHINEHART FRONTAGE RD.	15.86	16.89	1
NESIKA BEACH CONN. NO. 1	320.95	320.99	1
CENTRAL OREGON HWY CONN.	42.4	42.53	1
OTIS JCT. FRONTAGE RD. #1	104.92	105.29	1
BAKER-COPPERFIELD	41.3600235	41.37	1
APPLEGATE RIVER FRONT. RD.	7.09	7.24	1
MYERS CREEK CONN. NO. 1	337.17	337.1814014	1
MACK ARCH CONN.	341.85	342.07	1
NESIKA BEACH FRONTAGE RD.	320.58	320.93	1
TUALATIN VALLEY	37.47355813	37.58	1
BAKER-COPPERFIELD	42	42.22	1
KNOX O'XING CONN. NO. 3	326.491	326.51	1
TILLAMOOK JCT. FRONTAGE RD	53.65	53.98	1
HEPPNER	45.74	45.81	1
HEPPNER	45.81	45.83619072	1
N. PLAINS CONN. NO. 2	57.19	57.23456412	1
ALBANY-JUNCTION CITY	28.35022284	28.42002351	1
FORT HILL RD. FRONTAGE RD.	24.67270703	24.79	1
OREGON CAVES	19.19026958	19.33	1
CUL-DE-SAC FRONTAGE RD.	34.57	34.77	1
SUNSET S.R.A. CONN.	28.72	29.09	1
FORT HILL RD. FRONTAGE RD.	24.79	24.87	1
N. PLAINS CONN. NO. 2	57.11	57.19	1
N. FORK SIUSLAW RIVER F RD	1.22	1.27	1
	3.32	3.85	1
GELLATELY CREEK FRONT. RD.	41.99	42.08	1
KLAMATH FALLS-MALIN	24	24.18	1
ROAD CONN.	34.31	34.42	1
SIUSLAW RD. CONN.	26.53	26.59	1
ALBANY-JUNCTION CITY	28.89	29.0199998	1
UMPQUA WAYSIDE FRONT RD. 2	10.71	11.28	1
WAKEFIELD FRONT. RD. CONN.	26.87	27.01	1
SUNSET S.R.A. CONN.	28.63	28.72	1
HEPPNER	45.564	45.61	1
BLODGETT FRONTAGE RD CONN	39.52	39.55	1
HEPPNER	45.53	45.55990592	1
HEPPNER	45.89	46.02	1
TIERNAN FRONTAGE RD.	9.08	9.19	1
YAMHILL RIVER RD CONN NO 2	24.33	24.42	1
	2.86	2.97	1
SILVIES FRONTAGE ROAD CONN	67.54	67.6	1

COUNTY RD. CONN.	28.02	28.15	1
HEPPNER	46.05307129	46.18	1
DERSHAM RD. CONN. NO. 2	55.1	55.13	1
SOAMS CURVE FRONTAGE RD.	34.09	34.31	1
COUNTY RD. CONN. NO. 2	19.8	19.82	1
HEPPNER	46.18	46.32925121	1
KEYES CREEK CONN. NO. 1	69.68	70.01	1
COUNTY RD. CONN. NO. 2	19.77	19.8	1
TILLAMOOK JCT. FRONTAGE RD	53.62	53.65	1
KIRK CREEK FRONTAGE RD.	30.59	30.97	1
BLODGETT FRONTAGE ROAD	39.49567593	39.51	1
DERSHAM RD. CONN. NO. 2	55.191	55.208	1
VALLEY FALLS CONN.	89.87	89.96	1
N. PLAINS CONN. NO. 2	57.23456412	57.24895815	1
LEHI & ELK CREEK FRONT. RD	29.51	29.62	1
BLODGETT FRONTAGE ROAD	39.51	39.65	1
GORDON HOLLOW FRONTAGE RD.	14.27	14.51	1
SUMMIT FRONTAGE RD.	30.3	31.24	1
DERSHAM RD. CONN. NO. 2	55.13	55.191	1
SHERIDAN FRONTAGE RD.	34.13	34.481	1
HEPPNER	45.50997377	45.53	1
KLAMATH FALLS-MALIN	24.18	24.51999246	1
SILVIES FRONTAGE ROAD	67.48	67.54	1
KLAMATH FALLS-MALIN	23.80000028	24	1
ALBANY-JUNCTION CITY	28.42002351	28.48	1
HEPPNER	45.68	45.68369328	1
SILVIES FRONTAGE ROAD	67.54	67.69	1
UMPQUA WAYSIDE FRONT RD. 1	9.01	9.26	1
ALBANY-JUNCTION CITY	28.48	28.89	1
WESTLAND-ORDNANCE RD CON 2	9.79	9.94	1
PACIFIC HIGHWAY WEST	44.93537511	44.93985872	1
LA GRANDE-BAKER	31.37017602	31.40002354	1
LA GRANDE-BAKER	15.8701608	15.93	1
PACIFIC HIGHWAY WEST	44.181	44.24530193	1
PACIFIC HIGHWAY WEST	44.26	44.31635005	1
PACIFIC HIGHWAY WEST	44.15018036	44.181	1
	9.88	9.880003671	1
LA GRANDE-BAKER	31.40002354	31.40860654	1
LA GRANDE-BAKER	15.93180113	15.93655672	1
PARROTT MOUNTAIN RD. CONN.	20.02	20.09	1
PACIFIC HIGHWAY WEST	44.91002351	44.931	1
PACIFIC HIGHWAY WEST	44.89389193	44.91002351	1
HILLSBORO-SILVERTON	28.01	28.35	1
HISTORIC COLUMBIA RIVER	57.79	57.86024689	1
	88.697	88.7	1
NEHALEM	61.97038444	62.03	1
DODSON INCHGE CONN. NO. 3	22.03	22.06	1
	87.94	87.944	1
WALLACE BRIDGE CONN. NO. 1	0.15	0.18	1
HILLSBORO-SILVERTON	28.35	28.43002351	1
FRONTAGE RD. NO. 4	88.41	88.46	1
BELLEVUE-HOPEWELL HWY CONN	9.23	9.28	1
HILLSBORO-SILVERTON	27.76	27.82	1
HISTORIC COLUMBIA RIVER	57.08835175	57.17163214	1
HISTORIC COLUMBIA RIVER	56.44004018	56.91	1
SALEM-DAYTON HWY CONN.	14.32	14.36	1
	88.053	88.055	1
DODSON INCHGE CONN. NO. 1	21.69	21.72	1
CLEAR CREEK FRONTAGE RD.	26.88	27.01	1
SUNSET HWY CONN. NO. 2	80.99829864	81	1
YAMHILL-NEWBERG	0.54	0.570023508	1
	87.94	87.94165	1
YAMHILL-NEWBERG	0.255765339	0.54	1
WAUNA CONN. NO. 2	72.746	72.79	1
MIST-CLATSKANIE	0.790081605	1.000034315	1
CLAREMONT FRONTAGE RD.	88.92	89.1	1
BELLEVUE-HOPEWELL	5.880103658	5.970023495	1
BIG CREEK FRONTAGE RD.	83.3285173	83.48	1
HISTORIC COLUMBIA RIVER	57.71433236	57.79	1
	88.017	88.02	1
	87.92	88.02	1
	88.697	88.7	1
FRONTAGE RD. NO. 1	86.64	86.82	1
	8.928275845	8.932976387	1
HILLSBORO-SILVERTON	27.74000054	27.76	1
FRONTAGE RD. NO. 2	87.16	87.26	1
	8.959961408	8.980026968	1

	88.02	88.025	1
KIRSCH FRONTAGE RD.	15.64	15.83	1
HILLSBORO-SILVERTON	27.85	28.01	1
TRIPP RD. CONN.	83.45	83.47	1
HILLSBORO-SILVERTON	45.72	45.91361265	1
YAMHILL-NEWBERG	0.570023508	0.589999753	1
BIG CREEK FRONTAGE RD.	83.48	83.63	1
	8.932976387	8.95599483	1
	88.02	88.043	1
	88.675	88.68	1
HISTORIC COLUMBIA RIVER	17.71988127	18.01970954	1
COUNTY RD. CONN.	86.61	86.63	1
NEHALEM	62.03	62.22	1
NETARTS	2.900980733	3.029801626	1
	88.675	88.68	1
HISTORIC COLUMBIA RIVER	56.91	57.05942119	1
WAUNA CONN. NO. 2	72.71	72.746	1
TIDE CREEK FRONTAGE RD.	36.25	36.71	1
BELLEVUE-HOPEWELL	6.519401777	6.619999443	1
	8.959961345	8.959961408	1
	87.92	87.9217026	1
HILLSBORO-SILVERTON	45.50007899	45.64448987	1
HILLSBORO-SILVERTON	27.82	27.85	1
WAUNA CONN. NO. 2	72.69	72.71	1
	8.870017378	8.928275845	1
BELLEVUE-HOPEWELL	5.970023495	5.987673394	1
COUNTY RD. CONN.	86.52	86.57	1
HILLSBORO-SILVERTON	45.64448987	45.72	1
WAUNA CONN. NO. 2	72.79	72.83	1
HILLSBORO-SILVERTON	28.43002351	28.4799996	1
FRONTAGE RD. NO. 3	88.08	88.18	1
HISTORIC COLUMBIA RIVER	31.63985276	33.08	1
CLARNO FRONTAGE RD.	23.33	23.54	1
BEAR CREEK CONN.	12.85	12.92732882	1
SUMMIT FRONTAGE RD. NO. 1	5.2	5.31	1
SHANIKO-FOSSIL	8.11	8.12	1
STEENS	0.33	0.336729613	1
SUCCOR CREEK	0.153867148	0.416072931	1
SUMPTER	0.320065899	0.5	1
SHANIKO-FOSSIL	7.96	8	1
JACKSONVILLE	18.04000019	18.23016583	1
WASCO-HEPPNER	-9.00E-02	1.14E-13	1
STEENS	0.242652494	0.288490215	1
LEXINGTON-ECHO	35.84	35.94997322	1
PINE CREEK	0.25	0.270023487	1
MADISON RD. CONN.	6.46	6.53	1
WASCO-HEPPNER	84.0705082	84.11555146	1
STEENS	0.189113585	0.233676597	1
WILLIAMS CR. FRONTAGE RD.	12.89	13.06	1
STEENS HWY CONN.	65.78	66.23	1
ALBANY-LYONS	9.990023507	10.03023827	1
SUMMIT FRONTAGE RD. NO. 1	5.18	5.2	1
SUMPTER	0.5	0.52	1
SUNRIVER INTCHGE. NO. 1	18.93	19.1	1
HOOD RIVER	16.6	16.61	1
JASPER PARK FRONTAGE RD.	5.31	5.48	1
PINE CREEK	0.350023467	0.350250789	1
ODELL	2.247	2.26	1
	24.74	24.8	1
LEXINGTON-ECHO	35.678	35.84	1
ODELL	2.149999448	2.16	1
COUNTY RD. CONN.	25.73214921	25.76	1
JOHN DAY HWY CONN.	40.92	40.98	1
WALLOWA LAKE S.P. FRONT RD	5.91	5.96	1
HENDRICKS RD. CONN. .	11.90569399	11.96	1
ODELL	2.21	2.28	1
BEAR CREEK CONN.	12.82	12.85	1
MCNARY CREEK FRONTAGE RD.	0.11	0.27	1
BAKER-COPPERFIELD SPUR	54.40028122	54.49	1
FARADAY FRONTAGE RD. NO. 2	28.56	28.87	1
CHANDLER LN. CONN NO. 2	38.66	38.72	1
PINE CREEK	0.270023487	0.350023467	1
ODELL	2.72	2.760000438	1
LEXINGTON-ECHO	35.41	35.678	1
WALLOWA LAKE S.P. FRONT RD	5.96	6.06	1
WEISER SPUR CONNECTION	11.69	11.77	1
PINE CREEK	0.228536213	0.25	1

ODELL	2.247	2.26	1
HILGARD JCT. CONN. NO. 3	47.09	47.14	1
LAKESHORE DR. CONN. NO. 1	62.88	62.9	1
LEXINGTON-ECHO	35.19025237	35.35	1
WASCO-HEPPNER	-0.26	-9.00E-02	1
SHERARS BRIDGE	28.3574958	28.42	1
ALBANY-LYONS	9.55	9.96	1
FRONTAGE RD. NO. 2	26.09	26.33	1
THE DALLES-CALIF HWY CONN.	0.795322014	1.72	1
CULVER	9.12	9.34	1
LEXINGTON-ECHO	35.35	35.371	1
FRONTAGE RD. NO. 1	25.79	25.88	1
ALBANY-LYONS	24.28006201	24.28800541	1
ODELL	2.264610643	2.28	1
THOMAS CREEK FRONTAGE RD.	12.53	12.82	1
LAKESHORE DR. CONN. NO. 2	62.88	62.92	1
COVE	21.83	22.07	1
STEENS	0.292087457	0.33	1
JOHN DAY HWY CONN.	0.27	0.43	1
PORT ORFORD	1.14E-13	0.10002351	1
ODELL	2.21	2.26	1
HILGARD JCT. CONN. NO. 3	47.14	47.33	1
BAKER-COPPERFIELD SPUR	54.49	54.509	1
HOOD RIVER	16.96	17.05000038	1
LEXINGTON-ECHO	35.38002353	35.41	1
WASCO-HEPPNER	-0.360000243	-0.26	1
FARADAY FRONTAGE RD. NO. 1	24.78	25.12	1
HOOD RIVER	16.71	16.96	1
ALBANY-LYONS	9.96	9.990023507	1
CULVER	9.094863161	9.12	1
	24.79	24.87	1
BEAR CREEK FRONTAGE RD.	12.82	12.822	1
PORT ORFORD	0.10002351	0.111527962	1
SHANIKO-FOSSIL HWY CONN.	13.49	13.53	1
ODELL	2.264610643	2.28	1
HILGARD JCT. CONN. NO. 2	47.05	47.08	1
WASCO-HEPPNER	83.960135	84.03	1
SHANIKO-FOSSIL	8	8.04	1
ODELL	2.247	2.26	1
FRONTAGE RD.	11.62	12.18	1
BAKER-COPPERFIELD HWY CONN	0.79	0.91	1
SHANIKO-FOSSIL	7.67	7.96	1
HOOD RIVER	16.61	16.71	1
SHANIKO-FOSSIL	7.649956809	7.67	1
ALBANY-LYONS	24.1301878	24.23	1
ODELL	2.16	2.21	1
SUMMIT FRONTAGE RD. NO. 2	5.4	5.44	1
LEXINGTON-ECHO	35.371	35.38002353	1
HILGARD JCT. CONN. NO. 1	46.99	47.02	1
	24.78	24.79	1
SHANIKO-FOSSIL	8.12	8.149700557	1
ODELL	2.28	2.72	1
LAKESHORE DR. CONN. NO. 1	62.66	62.88	1
WALKER FRONTAGE RD.	10.59	10.74	1
HENDRICKS RD. CONN. .	11.63	11.873	1
ODELL	2.264610601	2.28	1
ANKENY HILL CONN. NO. 2	243.47	243.48	0
TALBOT RD. CONN. NO. 6	242.3	242.31	0
ANKENY HILL CONN. NO. 2	243.6	243.63	0
KOBERG BEACH CONN.	65.97	66.1	0
ROWENA CONN. NO. 2	76.72	76.75	0
ROWENA CONN. NO. 1	76.58	76.72	0
ROWENA CONN. NO. 4	76.59	76.64	0
RUFUS CONN. NO. 1	109.76	109.97	0
ROWENA CONN. NO. 3	77.16	77.31	0
SISKIYOU HWY. CONN. NO. 2	5.78	5.8	0
W JOHN DAY CONN. NO. 1	114.13	114.31	0
OLD EMIGRANT HILL FR. NO.1	229.77	229.81	0
GLOVER CONN. NO. 1	248.95	248.97	0
OLD EMIGRANT HILL FR. NO.1	252.02	252.08	0
QUINTON CONN. NO. 2	123.28	123.34	0
	141.39	141.39	0
W JOHN DAY CONN. NO. 3	114.23	114.38	0
TUALATIN VALLEY	37.37026756	37.47355813	0
DERSHAM RD. CONN. NO. 2	55.208	55.3	0
PENDLETON-COLD SPRINGS	0.82	0.88	0
HEPPNER	36.34	36.42	0

HEPPNER	36.6	36.76	0
VALLEY JUNCTION FRONT. RD.	29.18	29.2	0
HEPPNER	36.23008032	36.34	0
LA GRANDE-BAKER	15.93	15.93180113	0
N. JEFFERSON CONN. NO. 1	0.2	0.23	0
PORT OF ENTRY CONN. NO. 3	10.66	10.68	0
PORT OF ENTRY CONN. NO. 1	11.15	11.16	0
SHERARS BRIDGE	28.25	28.3574958	0
LEXINGTON-ECHO	0.12	0.200442207	0
LEXINGTON-ECHO	1.14E-13	0.12	0
SUNNYSIDE-UMAPINE	1.57	1.94	0

Attachment D
Countermeasure List and Descriptions

Countermeasure #	ARTS # (if applicable) or Source	Countermeasure	CRF	Potentially Affected Crash Types	Application of Countermeasure
1	BP2	Provide Intersection Lighting	42	All bicycle crashes at intersections	Consider at intersections that currently do not have lighting
2	BP3	Install Urban Leading Bicycle interval at Signalized Intersections	37	Bicycle crossings vs. turning vehicle at signalized intersections	Consider at signalized intersections with high turning volumes
3	BP5	Install Urban Green Bike Lanes at Conflict Points	39	Driveway crashes, intersection crashes (potentially all types, but mostly for right-hook and vehicles exiting driveways)	Consider at high volume driveways and access points
4	BP6	Install Bike Box at Conflict Points	35	Right-turning vehicle vs. bicycle at intersections	Consider at intersection approaches with left- and right-turn movements for bicycles
5	BP7	Install Pedestrian Refuge Island	31	Bicycle crossing vs. through vehicle at unsignalized and midblock crossings	Consider at mid-block crossings or unsignalized intersections where there is space (i.e., a median or two-way left-turn lane is present). Consider potential impacts to motor vehicle left-turns in selecting locations.
6	BP8	Install Rectangular Rapid Flashing Beacon (2-Lane Road)	10	Bicycle crossings vs. through vehicles at unsignalized intersections.	Consider at mid-block or unsignalized crossings where additional visibility is warranted (i.e., moderate or high motor vehicle volumes, speeds, and/or crossing demand) on 2-lane roadways
7	BP9	Install Rectangular Rapid Flashing Beacon without Median (3-Lane or More Roadway)	10	Bicycle crossings vs. through vehicles at unsignalized intersections.	Consider at mid-block or unsignalized crossings where additional visibility is warranted (i.e., moderate or high motor vehicle volumes, speeds, and/or crossing demand) on roadways with 3 or more lanes where there is not space for a median refuge island or one is undesirable for other reasons
8	BP10	Install Rectangular Rapid Flashing Beacon with Median (3-Lane or More Roadway)	56	Bicycle crossings vs. through vehicles at unsignalized intersections.	Consider at mid-block or unsignalized crossings where additional visibility is warranted (i.e., moderate or high motor vehicle volumes, speeds, and/or crossing demand) on roadways with 3 or more lanes where there is space and opportunity for a median refuge island
9	BP11	Install Continental Crosswalk Markings and Advance Pedestrian Warning Signs at Uncontrolled Locations	15	Bicycle crossings vs. through vehicles at unsignalized intersections.	Consider at uncontrolled crossing locations that currently do not have them and there is likely to be crossing demand
10	BP12	Install Curb Ramps and Extensions with a Marked Crosswalk and Pedestrian Warning Signs	37	Bicyclen crossings vs. through vehicles at unsignalized intersections.	Consider at unsignalized intersections when on-street parking is present or when space is available
11	BP13	Install Advance Pedestrian Warning Signs	5	Bicycle crossings vs. through vehicles at unsignalized intersections.	Consider at unsignalized crossings that are already marked but do not have adwance warning signs
12	BP14	Install Pedestrian Signal	55	Bicycle crossings vs. through vehicles at unsignalized intersections.	Consider at mid-block or unsignalized crossings where additional visibility is warranted (i.e., moderate or high motor vehicle volumes, speeds, and/or crossing demand) and where MUTCD signal warrant is met.
13	BP15	Install Pedestrian Hybrid Beacon	55	Bicycle crossings vs. through vehicles at unsignalized intersections.	Consider at mid-block or unsignalized crossings where additional visibility is warranted (i.e., moderate or high motor vehicle volumes, speeds, and/or crossing demand) and where MUTCD PHB warrant is met.
14	BP16	Convert 4-Lane Roadway to 3-Lane Roadway with Center Turn Lane (Road Diet)	29	Vehicle vs. bicycle crossing major street (intersection). Vehicle versus midblock pedestrian crossing (if other treatments also provided)	Consider along 4-lane undivided roadways
15	BP17	Install Bike Signal	45	Turning vehicle vs. bicycle at intersections	Consider at key crossings including trails and separated paths. Consider coupling with protected intersections

16	BP18	Bike Lanes	36	Bicycle segment crashes	Consider on roadway segments lacking bicycle facilities
17	BP19	Install Cycle Track	59	Bicycle segment crashes	Consider on roadway segments lacking bicycle facilities - may not be appropriate in rural contexts
18	BP20	Install Buffered Bike Lanes	47	Bicycle segment crashes	Consider on roadway segments lacking bicycle facilities
19	BP21	Prohibit Right-Turn-On-Red	41	Bicycle crossings vs. right-turning vehicle at signalized intersections	Consider at signalized intersections with high turning volumes
20	BP22	Advanced Yield and Stop Markings & Signs	25	Bicycle crossings vs. through vehicles at unsignalized intersections.	Consider at unsignalized crossings that are already marked but do not have adwance warning signs
21	BP23	Install Bicycle Boulevard	63	Bicycle segment crashes (on nearby major street) or unsignalized intersection crashes with low-volume minor street	Consider along low volume, low speed roadways
22	BP24	Install Raised Crosswalk	30	Bicycle crossings vs. through vehicles at unsignalized intersections.	Consider at mid-block or unsignalized crossings with low vehicular volumes and speeds
23	I4	Replace Urban Permissive or Protected/Permissive Left Turns to Protected Only	99	Turning vehicle vs. bicycle at intersection	Consider at signalized intersections with heavy left-turning and crossing volumes
24	I4A	Protected Left Turn - Split Side Street Signal Phasing	70	Left-turning vehicle vs. bicycle crashes at signals	Consider at signalized intersections with heavy left-turning and crossing volumes
25	H16	Install Roundabout from Minor Road Stop Control	82	Bicycle vs. left-turning and through vehicles at intersections	Consider at unsignalized intersections
26	H17	Install Roundabout from Signalized Intersection	78	Bicycle vs. left-turning and through vehicles at intersections	Consider at signalized intersections
27	H20	Install urban traffic signal	67	Bicycle vs. turning vehicle at intersection	Consider at unsignalized intersections in urban context where MUTCD warrants are met
28	H20	Install urban traffic signal	-143	Bicycle vs. turning vehicle at intersection	Consider at unsignalized intersections in urban context where MUTCD warrants are met
29	H21	Install rural traffic signal	77	Bicycle vs. turning vehicle at intersection	Consider at unsignalized intersections in rural context where MUTCD warrants are met
30	H21	Install rural traffic signal	-58	Bicycle vs. turning vehicle at intersection	Consider at unsignalized intersections in rural context where MUTCD warrants are met
31	H30	Reduce urban driveway density from 48 to 26 to 48 per mile	29	Vehicle vs. bicycle crashes at driveways	Consider on roadway segments with high driveway density
32	H31	Reduce urban driveway density from 26 to 48 to 24 per mile	31	Vehicle vs. bicycle crashes at driveways	Consider on roadway segments with high driveway density
33	H32	Reduce urban driveway density from 10 to 24 to less than 10 per mile	25	Vehicle vs. bicycle crashes at driveways	Consider on roadway segments with high driveway density
34	H33	Provide a Raised Median, Urban 2-Lane Road	39	Bicycle vs. through vehicle at mid-block or intersections	Consider on 2-lane urban roadways that currently do not have them
35	H34	Provide a Raised Median, Urban Multi-Lane Road	22	Bicycle vs. through vehicle at mid-block or intersections	Consider on multi-lane urban roadways that currently do not have them
36	H35	Provide a Raised Median, Rural Multi-Lane Road	12	Bicycle vs. through vehicle at mid-block or intersections	Consider on multi-lane rural roadways that current do not have them
37	H43	Convert from Urban Two-Way to One-Way Traffic	47	Vehicle vs. bicycle segment and vehicle vs. bicycle crossing major street (intersection)	Consider on urban two-way roadways when coupled with parallel roadway
38	RD18	Install widen paved shoulder by 1 ft.	6	Vehicle vs. bicycle segment crashes	Consider on roadway segments with narrow shoulders
39	RD19	Install widen paved shoulder by 2 ft.	13	Vehicle vs. bicycle segment crashes	Consider on roadway segments with narrow shoulders
40	RD20	Install widen paved shoulder by 3 ft.	18	Vehicle vs. bicycle segment crashes	Consider on roadway segments with narrow shoulders
41	CMFClearinghouse	Installation of raised bicycle crossing or other speed reducing measure for vehicles entering or leaving the side road	51	Bicycle vs. turning and through vehicles	Consider at high turning volume driveways and intersections
42	CMFClearinghouse	Install shared path	25	Bicycle segment crashes	Consider at locations where on-street facilities are not feasibility or along rural roadways

43	CMFClearinghouse	Provide Protected Left-Turn Phase	31	Bicycle vs. left-turning vehicles	Consider at signalized intersections with heavy left-turning and crossing volumes
44	NACTO Urban Bikeway Design Guide	Install intersection crossing markings	35	Turning vehicle vs. bicycle at intersections	Consider at signalized intersections
45	NACTO Urban Bikeway Design Guide	Install two-stage turn queue boxes	NA	Intersection crashes along multilane roads	Consider at signalized intersections
46	NACTO Urban Bikeway Design Guide	Install protected intersections	NA	Turning vehicle vs. bicycle at intersections	Consider at signalized intersections in urban settings
47	ODOT BUD	Street Trees	NA		Consider on roadway segments that currently do not have them
48	ODOT BUD	Lane narrowing	NA		Consider on roadway segmetns when lane width exceeds standard width

ODOT's HSIP Countermeasures and Crash Reduction Factors

The intent of the Crash Reduction Factor (CRF) countermeasure table is to provide safety practitioners intending to use HSIP funding with a list of effective countermeasures that are appropriate remedies to many common safety issues. The countermeasures have been sorted into 2 primary categories: countermeasures eligible for Systemic Funding and countermeasures eligible for Hotspot Funding. Systemic Funding is further divided into Roadway Departure, Intersection or Bicycle & Pedestrian for informational use only. *It is important to note that all Systemic countermeasures may be used for Hotspot projects but Hotspot countermeasures cannot be used for Systemic projects*

The CRF Appendix describes in more detail where the countermeasure should be used, why they are effective and potential impediments to the implementation. The tables also include information on the type of crashes where the countermeasure is best used, the CRF value to use in the benefit-cost analysis and the acknowledged range of their overall effectiveness based on the research available.

The fixed set of CRFs included in these tables are intended to allow for all projects to be evaluated consistently and fairly throughout the project selection process. ODOT recognizes that there are many non-infrastructure and Bicycle/Pedestrian countermeasures that are not included on the list where CRF's have not been established yet. This list will be periodically reevaluated by ODOT to include more recent and/or reliable CRF countermeasures and values as new safety research data becomes available. ODOT is interested in any feedback and suggestions from safety practitioners on the overall countermeasure list as well as specific details of individual countermeasures. During the STIP Development Process, ODOT will take suggestions for countermeasures not on the list for Hotspot projects only. Please use the form provided at this website to submit your suggestion:

http://www.oregon.gov/ODOT/Engineering/TRSDocs/New_CRF_Form.pdf. Please send all other feedback and suggestions to Christina McDaniel-Wilson (christina.a.mcdaniel-wilson@odot.state.or.us). They will be considered for inclusion in the next HSIP process for the next STIP cycle.

Where not otherwise specified, ODOT used the following references to establish the summarized CRF List and Appendix. Safety Practitioners are encouraged to utilize these references to better understand the listed countermeasures and the details surrounding their conception.

The Crash Modification Factors Clearinghouse
http://www.cmfclearinghouse.org/

Highway Safety Manual (HSM), First Edition, 2010
http://www.highwaysafetymanual.org

FHWA Desktop Reference for Crash Reduction Factors
http://safety.fhwa.dot.gov/tools/crf/resources/fhwasa08011/

A majority of our countermeasure guidance is taken directly from FHWA's website and the 2014 FHWA Publication: Manual for Selecting Safety Improvements on High Risk Rural Roads
This publication can be found at: http://safety.fhwa.dot.gov/hsip/hrrr/manual/hrrr_2014.pdf

HOTSPOT COUNTERMEASURES

Name: Install Roundabout from Minor Road Stop Control	ODOT Countermeasure Number: H16

What is it: A modern roundabout is a type of circular intersection defined by the basic operational principle that entering traffic yields to vehicles on the circular roadway.



Photo from FHWA

Where to use: Roundabouts should be considered for all existing unsignalized intersections that have been identified as needing major safety or operational improvements. Typical crash patterns that could be resolved with a roundabout are higher than expected speed related, angle and/or turning crashes.

Why it works: Roundabout intersections eliminate a number of vehicle conflict points (up to 75%) typically associated with traditional intersections. They also enhance safety by reducing vehicle speeds (more typical in rural settings) both in and through the intersection and by changing the crash type from angle to sideswipe, which typically results in less severe crashes.

Impediments to Implementation: Roundabouts require a significant amount of public outreach and education in addition to requiring a larger geometric footprint than a typical intersection.

General Notes: Map-21 Legislation declares a National focus to reduce Fatalities and Severe (Injury A) crashes on our roadways. Roundabouts are one of the primary tools we can use to reduce severity of crashes and meet this National goal.

Crash Types Addressed	Severity Type Addressed
All Crashes	All Injury (Not PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
19 - 82%	82%

References: Highway Safety Manual, Applying Roundabouts in the United States (NCHRP Report 572)

Name: Install Roundabout from Signalized Intersection	ODOT Countermeasure Number: H17

What is it: A modern roundabout is a type of circular intersection defined by the basic operational principle that entering traffic yields to vehicles on the circular roadway.



Photo from FHWA

Where to use: Roundabouts should be considered for all existing signalized intersections that have been identified as needing major safety or operational improvements that cannot be resolved by signalized intersection modifications. Typical crash patterns that could be resolved with a roundabout are higher than expected speed related, angle and/or turning crashes.

Why it works: Roundabout intersections eliminate a number of vehicle conflict points (up to 75%) typically associated with traditional intersections. They also enhance safety by reducing vehicle speeds (more typical in rural settings) both in and through the intersection and by changing the crash type from angle to sideswipe, which typically results in less severe crashes.

Impediments to Implementation: Roundabouts require a significant amount of public outreach and education in addition to requiring a larger geometric footprint than a typical signalized intersection.

General Notes: Map-21 Legislation declares a National focus to reduce Fatalities and Severe (Injury A) crashes on our roadways. Roundabouts are one of the primary tools we can use to reduce severity of crashes and meet this National goal.

Crash Types Addressed	Severity Type Addressed
All Crashes	All Injury (Not PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
48 - 78%	78%

References: Highway Safety Manual, Applying Roundabouts in the United States (NCHRP Report 572)

Name: Install Urban Traffic Signal	ODOT Countermeasure Number: H20

What is it: Traffic Signals are a traffic control device positioned on roadways to efficiently control and manage competing flows of traffic (vehicles, pedestrians and/or bicycles).



Photo from Google

Where to use: Where an intersection is experiencing a higher than expected frequency of right angle crashes with adequate sight distance to that intersection from all approaches.

Why it works: Traffic signals help to assign right of way to traffic movements which helps to reduce right angle crashes at intersections.

Impediments to Implementation: It is important that the existing intersection crash patterns are related to failing to yield to right of way as opposed to failing to yield to slowing traffic as a signal installation will likely increase the latter.

General Notes: While signals decrease the potential for angle crashes, simultaneously they increase the potential for rear end crashes. It is also important to note that rear end crashes in high speed corridors typically result in more severe crashes than in lower speed corridors. Benefit/Cost Analysis using this countermeasure shall include BOTH CRF values listed below, one for decreasing angle crashes and the other for increasing rear end crashes, to best represent the expected changes in safety with installation.

The MUTCD lists nine warrants for the placement of traffic signals, which should be reviewed as installation of this treatment is considered. State Traffic Engineer Approval and warrant analysis is REQUIRED for all potential signal installations on the State Highway.

Crash Types Addressed	Severity Type Addressed
Angle & Rear End	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
-143 - 77%	67% (Angle) & -143% (Rear End)

References: Highway Safety Manual, Accident Modification Factors for Traffic and ITS Improvements (NCHRP Report 617), Safety Effects of Left-Turn Phasing Schemes at High-Speed Intersections

Name: Install Rural Traffic Signal	ODOT Countermeasure Number: H21

What is it: Traffic Signals are a traffic control device positioned on roadways to efficiently control and manage competing flows of traffic (vehicles, pedestrians and/or bicycles).



Photo from Google

Where to use: Where an intersection is experiencing a higher than expected frequency of right angle crashes with adequate sight distance to that intersection from all approaches.

Why it works: Traffic signals help to assign right of way to traffic movements and have been shown to reduce angle crashes at intersections.

Impediments to Implementation: It is important that the existing intersection crash patterns are related to failing to yield to right of way as opposed to failing to yield to slowing traffic as a signal installation will likely increase the latter.

General Notes: While signals decrease the potential for angle crashes, simultaneously they increase the potential for rear end crashes. It is important to note that rear end crashes in high speed corridors typically result in more severe crashes than in lower speed corridors. It is also important to consider local driver expectations for a signal in a rural corridor that might not have any other signals nearby. Benefit/Cost Analysis using this countermeasure shall include BOTH CRF values listed below, one for decreasing angle crashes and the other for increasing rear end crashes, to best represent the expected changes in safety with installation.

The MUTCD lists nine warrants for the placement of traffic signals, which should be reviewed as installation of this treatment is considered. State Traffic Engineer Approval and warrant analysis is REQUIRED for all potential signal installations on the State Highway.

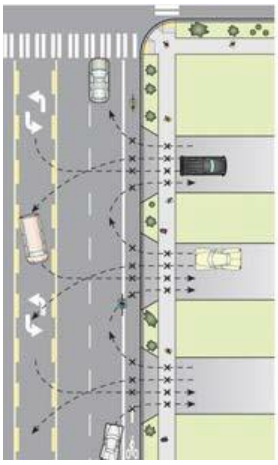
Crash Types Addressed	Severity Type Addressed
Angle & Rear End	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
-143 - 77%	77% (Angle) & -58% (Rear End)

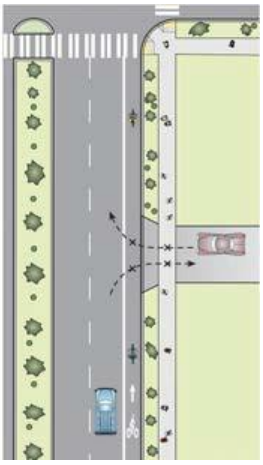
References: Highway Safety Manual, Accident Modification Factors for Traffic and ITS Improvements (NCHRP Report 617), Safety Effects of Left-Turn Phasing Schemes at High-Speed Intersections

Name: Reduce Urban Driveways from 48 to 26 - 48 per mile	ODOT Countermeasure Number: H30

What is it: Driveways can be defined as private roads that provide access between public ways and activities or buildings on abutting land. Reducing the number of driveways intersecting public roadways is an access management technique - the method of control of entry and exit points along a roadway.







Photos from FHWA

Where to use: Where you have a high frequency of driveway related crashes on an urban corridor.

Why it works: Reducing driveways manages the frequency and magnitude of conflict points at driveways by altering access patterns.

Impediments to Implementation: It can be difficult to get public support and can be costly to retrofit an existing road with this access management technique.

General Notes: This CRF value can only be applied to reducing driveway from 48 to 26 - 48 per mile. Successful access management seeks to simultaneously provide accessibility while enhancing safety, preserving capacity and providing for pedestrian and bicycle needs. For more guidance, please refer to the Highway Safety Manual.

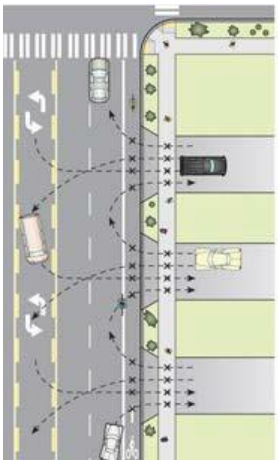
Crash Types Addressed	Severity Type Addressed
All Crashes	All Injury (Not PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
25 - 31%	29%

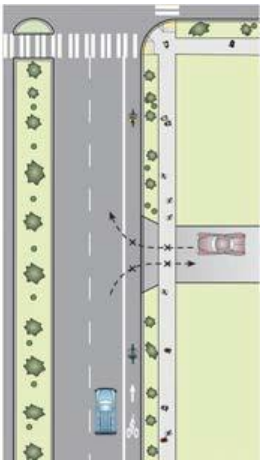
References: Highway Safety Manual, Handbook of Road Safety Measures

Name: Reduce Urban Driveways from 26 - 48 to 10 - 24 per mile	ODOT Countermeasure Number: H31

What is it: Driveways can be defined as private roads that provide access between public ways and activities or buildings on abutting land. Reducing the number of driveways intersecting public roadways is an access management technique - the method of control of entry and exit points along a roadway.







Photos from FHWA

Where to use: Where you have a high frequency of driveway related crashes on an urban corridor.

Why it works: Reducing driveways manages the frequency and magnitude of conflict points at driveways by altering access patterns.

Impediments to Implementation: It can be difficult to get public support and can be costly to retrofit an existing road with this access management technique.

General Notes: This CRF value can only be applied to reducing driveway from 26 - 48 to 10 - 24 per mile. Successful access management seeks to simultaneously provide accessibility while enhancing safety, preserving capacity and providing for pedestrian and bicycle needs. For more guidance, please refer to the Highway Safety Manual.

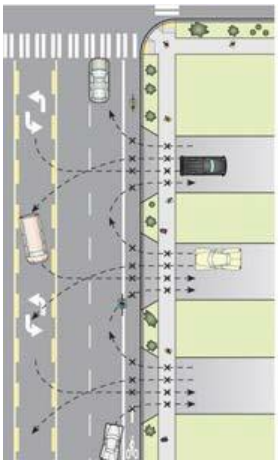
Crash Types Addressed	Severity Type Addressed
All Crashes	All Injury (Not PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
25 - 31%	31%

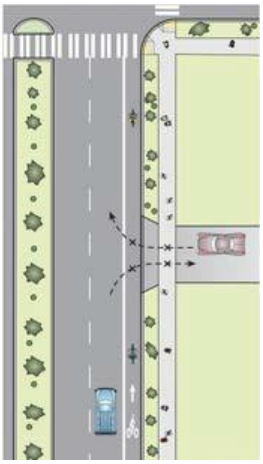
References: Highway Safety Manual, Handbook of Road Safety Measures

Name: Reduce Urban Driveways from 10 - 24 to less than 10 per mile	ODOT Countermeasure Number: H32

What is it: Driveways can be defined as private roads that provide access between public ways and activities or buildings on abutting land. Reducing the number of driveways intersecting public roadways is an access management technique - the method of control of entry and exit points along a roadway.







Photos from FHWA

Where to use: Where you have a high frequency of driveway related crashes on an urban corridor.

Why it works: Reducing driveways manages the frequency and magnitude of conflict points at driveways by altering access patterns.

Impediments to Implementation: It can be difficult to get public support and can be costly to retrofit an existing road with this access management technique.

General Notes: This CRF value can only be applied to reducing driveway from 10 - 24 to less than 10 per mile. Successful access management seeks to simultaneously provide accessibility while enhancing safety, preserving capacity and providing for pedestrian and bicycle needs. For more guidance, please refer to the Highway Safety Manual.

Crash Types Addressed	Severity Type Addressed
All Crashes	All Injury (Not PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
25 - 31%	25%

References: Highway Safety Manual, Handbook of Road Safety Measures

Name: Provide a Raised Median, Urban 2-Lane Road	ODOT Countermeasure Number: H33

What is it: A concrete median separation between opposing through lanes on a segment of roadway. This countermeasure can include periodic pedestrian refuges and/or designated left turn lanes at major driveways or intersections.



Photo from PedBikeSafe

Where to use: On roadways with higher traffic volumes and driveway densities with a history of access related crashes.

Why it works: The primary function of raised medians is to manage the frequency and magnitude of conflict points at driveways and intersections by altering access patterns. Additionally they can protect pedestrians by providing a refuge area and shorter exposed crossing distances and can include designated left turn lanes to allow vehicles to proceed through the intersection without having to stop or slow down for vehicles waiting to make a left turn.

Impediments to Implementation: On 2-Lane facilities, if the pavement width doesn't already exist, this countermeasure could have significant costs associated with adding more impervious surface. Typical examples are right of way acquisition, drainage impacts and environmental mitigation. In addition, raised medians limit property accesses which can be perceived by business owners as deterrence to potential customers and to residents as an inconvenience. It is important to involve stakeholders as soon as possible if you plan to implement this countermeasure. Raised medians also concentrate left turns and can increase the frequency of U-turns. It is important to accommodate and/or manage these potential movements accordingly. Lastly, medians create "pinch points" in the roadway that could prevent certain heavy vehicles from traveling through the facility. It is important that appropriate considerations are made for the types of heavy vehicles using the facility in order to provide them the maximum lane widths they need.

General Notes: This CRF value is specifically for 2-Lane Urban facilities. Two additional advantages of raised medians, they can prevent head-on or sideswipe meeting crashes and can provide space for landscaping and other aesthetic treatments.

Crash Types Addressed	Severity Type Addressed
All Crashes	All Injury (Not PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
39%	39%

References: Highway Safety Manual, Handbook of Road Safety Measures

Name: Provide a Raised Median, Urban Multi-Lane Road	ODOT Countermeasure Number: H34

What is it: A concrete median separation between opposing through lanes on a segment of roadway. This countermeasure can include pedestrian refuges and/or designated left turn lanes at major driveways or intersections.





Photos from FHWA

Where to use: On roadways with higher traffic volumes and driveway densities with a history of access related crashes.

Why it works: The primary function of raised medians is to manage the frequency and magnitude of conflict points at driveways and intersections by altering access patterns. Additionally they can protect pedestrians by providing a refuge area and shorter exposed crossing distances and can include designated left turn lanes to allow vehicles to proceed through the intersection without having to stop or slow down for vehicles waiting to make a left turn.

Impediments to Implementation: Raised medians limit property accesses which can be perceived by business owners as deterrence to potential customers and to residents as an inconvenience. It is important to involve stakeholders as soon as possible if you plan to implement this countermeasure. Raised medians also concentrate left turns and can increase the frequency of U-turns. It is important to accommodate and/or manage these potential movements accordingly. In addition, medians create "pinch points" in the roadway that could prevent certain heavy vehicles from traveling through the facility. It is important that appropriate considerations are made for the types of heavy vehicles using the facility in order to provide them the maximum lane widths they need.

General Notes: This CRF value is specifically for Multi-Lane Urban facilities. Two additional advantages of raised medians, they can prevent head-on or sideswipe meeting crashes and can provide space for landscaping and other aesthetic treatments.

Crash Types Addressed	Severity Type Addressed
All Crashes	All Injury (Not PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
0 - 22%	22%

References: Highway Safety Manual, Handbook of Road Safety Measures

Name: Provide a Raised Median, Rural Multi-Lane Road	ODOT Countermeasure Number: H35

What is it: A concrete median separation between opposing through lanes on a segment of roadway. This countermeasure can include pedestrian refuges and/or designated left turn lanes at major driveways or intersections.



Photo from Google



Photo from FHWA

Where to use: On roadways with higher traffic volumes and driveway densities with a history of access related crashes.

Why it works: The primary function of raised medians is to manage the frequency and magnitude of conflict points at driveways and intersections by altering access patterns. Additionally they can protect pedestrians by providing a refuge area and shorter exposed crossing distances and can include designated left turn lanes to allow vehicles to proceed through the intersection without having to stop or slow down for vehicles waiting to make a left turn.

Impediments to Implementation: Raised medians limit property accesses which can be perceived by business owners as deterrence to potential customers and to residents as an inconvenience. It is important to involve stakeholders as soon as possible if you plan to implement this countermeasure. Raised medians also concentrate left turns and can increase the frequency of U-turns. It is important to accommodate and/or manage these potential movements accordingly. In addition, medians create "pinch points" in the roadway that could prevent certain heavy vehicles from traveling through the facility. It is important that appropriate considerations are made for the types of heavy vehicles using the facility in order to provide them the maximum lane widths they need.

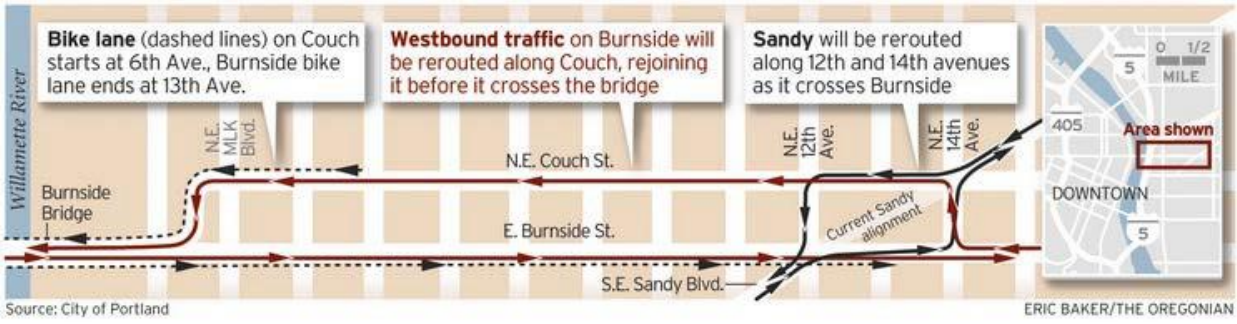
General Notes: This CRF value is specifically for Multi-Lane Rural facilities. Two additional advantages of raised medians, they can prevent head-on or sideswipe meeting crashes and can provide space for landscaping and other aesthetic treatments.

Crash Types Addressed	Severity Type Addressed
All Crashes	All Injury (Not PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
0 - 22%	12%

References: Highway Safety Manual, Handbook of Road Safety Measures

Name: Convert from Urban Two-Way to One-Way Traffic	ODOT Countermeasure Number: H43

What is it: A segment of roadway that restricts vehicles to one direction travel.



Where to use: Preferably in a grid street system where you have a high frequency of intersection crashes along an urban segment and/or crashes related to capacity limitations.

Why it works: Reduces the number of potential conflicts at an intersection.

Impediments to Implementation: A one-way street system often forces drivers to take out-of-direction routes to their destinations.

General Notes: One-way streets allow for a less number of signal phases potentially increasing capacity and minimizing delay of various intersections along a segment of roadway. There are benefits to pedestrians with one-way streets too, they only need to look for traffic in one direction and there are often more gaps in traffic due to platooning.

Crash Types Addressed	Severity Type Addressed
All Crashes	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
47%	47%

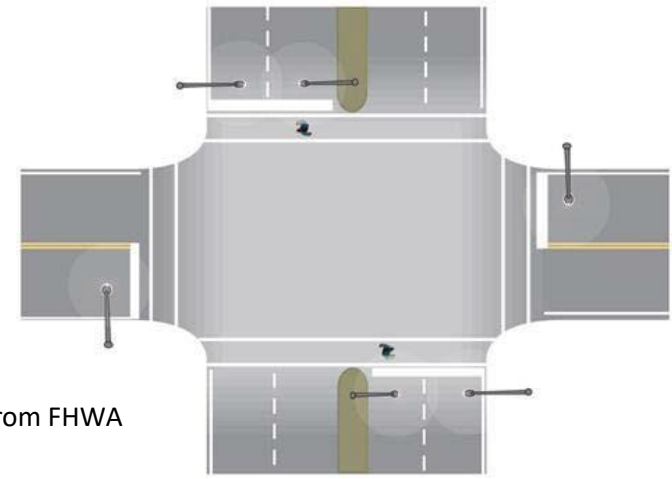
References: Crash Modification Factors Clearinghouse,

SYSTEMIC COUNTERMEASURES

Name: Provide Intersection Illumination (Bike & Ped)	ODOT Countermeasure Number: BP2

What is it: A permanent source of artificial light installed at an intersection that provides greater visibility of the intersection and its potential multi-modal users.





Images from FHWA

Where to use: At intersections where you have a high frequency of bicycle and pedestrian crashes at night.

Why it works: Intersection lighting allows for greater visibility of the intersection. Roadway users and features are more visible and help all users determine a safe path through the intersection. This can be especially helpful at rural intersections where the only source of lighting for the roadway is often provided by vehicle headlights.

Impediments to Implementation: In rural areas it may be difficult to locate a power source. In addition, it is important to determine, upfront, the jurisdiction responsible for paying the ongoing utility costs. For signalized intersections, retrofitting illumination onto existing signal poles could result in an entire signal rebuild.

General Notes: This countermeasure may be used at a midblock pedestrian crossing location. This countermeasure is for new lighting only, not to replace existing, substandard lighting. This CRF value can be applied to signalized and unsignalized intersections. For ODOT Highways, please refer to the ODOT Lighting Policy and Guidelines for further guidance on lighting warrants.

Crash Types Addressed	Severity Type Addressed
Nighttime Pedestrian and Bicycle	All Injury (Not PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
42%	42%

References: Crash Modification Factors Clearinghouse,

Name: Install Urban Leading Pedestrian or Bicycle Interval at Signalized Intersection	ODOT Countermeasure Number: BP3

What is it: Leading pedestrian interval (LPI) gives pedestrians and bicycles using the marked crosswalk an advance walk signal before the motorists get a green indication, giving the pedestrian or bicyclist several seconds to start crossing before vehicles start proceeding through the intersection.

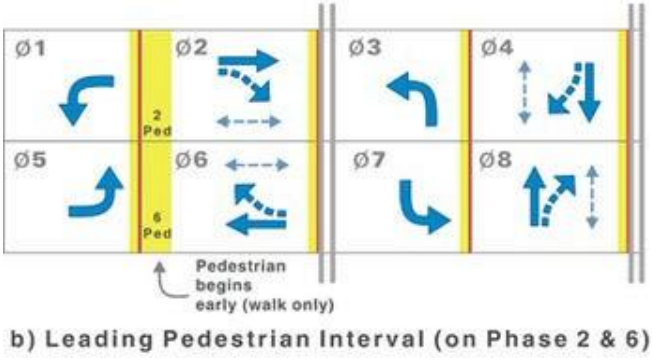


Image from FHWA

Where to use: Where you have a high frequency of motorized users failing to yield to the right of way of non-motorized users at a signalized intersection.

Why it works: Provides better notice of the presence of pedestrian or bicyclists in the roadway/crosswalk for permissive left-turning or right-turning drivers. It makes non-motorized users more visible to motorized users and motorized users more likely to yield to them.

Impediments to Implementation: It is important to consider the potential intersection capacity and delay impacts to implementing this countermeasure.

General Notes: This treatment could also be beneficial in areas where you have a high number of older pedestrians who tend to be slower to start into the intersection. It could also be particularly effective where there is a dual lane turning movements.

This countermeasure may be included in an application for a Signalized Intersection Systemic project.

Crash Types Addressed	Severity Type Addressed
Pedestrian and Bicycle	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
37 - 45%	37%

References: Crash Modification Factors Clearinghouse, Safety Effectiveness of Leading Pedestrian Intervals Evaluated by a Before-After Study with Comparison Groups

Name: Install Urban Green Bike Lanes at Conflict Points	ODOT Countermeasure Number: BP5

What is it: Green bike lanes are green-colored pavement placed on the roadway to enhance visibility of a bicycle lane.



Image from BTA Oregon

Where to use: In locations that have a high frequency of bicycle to vehicle conflicts where enhanced awareness of the presence of a bicycle lane could decrease the potential number of conflicts.

Why it works: It helps to bring awareness of the presence of potential bicyclists in locations where drivers may not be expecting them.

Impediments to Implementation: It is important to consider the added maintenance costs to installing this kind of treatment, especially in locations where vehicles may be regularly passing over the markings.

General Notes: This countermeasure has limited available research on its effectiveness so it should be used where other more proven countermeasures have shown to not be effective. For additional guidance, please refer to the MUTCD Interim Approval for green bike lanes.

Crash Types Addressed	Severity Type Addressed
Bicycle	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
39%	39%

References: Safety Performance Functions for Bicycle Crashes in New Zealand and Australia

Name: Install Bike Box at Conflict Points	ODOT Countermeasure Number: BP6

What is it: The bike box is a designated space for bicyclists at an intersection (often painted green) that allows bicyclists to position themselves ahead of vehicle traffic.



Image from Portland Mercury

Where to use: Where you have a high frequency of right turning vehicles failing to yield to through moving bicyclists at an intersection.

Why it works: Bike boxes make bicyclists more visible to motorists by placing them in their direct line of sight when stopped at an intersection. They alert vehicles to the presence of bicyclists at an intersection and can serve as a reminder to drivers to yield to bicyclists when they are turning right.

Impediments to Implementation: It is important to consider the added maintenance costs to installing this kind of treatment, especially in locations where vehicles may be regularly passing over the markings.

General Notes: This countermeasure has limited available research on its effectiveness so it should be used where other more proven countermeasures have shown to not be effective.

Experimental approval from FHWA is REQUIRED for use of this countermeasure.

Crash Types Addressed	Severity Type Addressed
Bicycle	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
35%	35%

References: Desktop Reference for Crash Reduction Factors (FHWA-SA-08-011), Evaluation of Bike Boxes at Signalized Intersections (OTREC-RR-11-06)

Name: Install Pedestrian Refuge Island	ODOT Countermeasure Number: BP7

What is it: Concrete pedestrian refuge islands with crosswalk markings placed on a street at unsignalized intersections or midblock locations to separate crossing pedestrians from motor vehicles and provide pedestrians with the ability to cross one direction of traffic at a time.



Image from FHWA

Where to use: Where you have a higher than expected frequency of pedestrian crashes or vehicles crashes caused by pedestrians that could be reduced by minimizing the crossing distance and maximizing the visibility of pedestrians.

Why it works: Pedestrians are able to more safely make a two-stage crossing by having to only look for a gap in one direction of traffic at a time while being protected by a concrete curbed island.

Impediments to Implementation: It is important to provide sufficient pavement width to accommodate the largest size of vehicles expected to travel on the road in question. It is also important to consider the potential impact to turning movements at any nearby accesses as a result of the median island.

General Notes: The following is guidance from FHWA on pedestrian raised median islands. Raised medians should be considered on sections of multi-lane roadways in urban and suburban areas, particularly in areas where there are mixtures of significant pedestrian and vehicle traffic (more than 12,000 Average Daily Traffic (ADT)) and intermediate or high travel speeds (40 mph or more). Medians/refuge islands should be at least 4 feet wide (preferably 8 feet wide to accommodate pedestrian comfort and safety) and of adequate length to allow the anticipated number of pedestrians to stand and wait for gaps in traffic before crossing the second half of the street.

On the State Highway System, marked crosswalks at uncontrolled (unsignalized) locations require State Traffic Engineer approval

Crash Types Addressed	Severity Type Addressed
Pedestrian	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
26 - 31%	31%

References: http://www.trb.org/NCHRP/Blurbs/175381.aspx

Name: **Install Rectangular Rapid Flashing Beacon (2-Lane Road)**	**ODOT Countermeasure Number**: **BP8**

What is it: Rectangular Rapid Flash Beacons (RRFBs) are user-actuated amber Light Emitting Diodes (LEDs) that supplement warning signs at unsignalized intersections or mid-block crosswalks. The signals rest in the dark phase until activated by a push button and then flash in a rapid stutter flash pattern.



Image from Frank Ockenfels

Where to use: On 2-lane roads where crash data indicates a need to provide additional notification to motorists of the presence of crossing pedestrians or where there are insufficient gaps in vehicle traffic to provide a pedestrian a crossing opportunity.

Why it works: RRFB's can enhance safety by reducing crashes between vehicles and pedestrians by increasing driver awareness of potential pedestrian conflicts.

Impediments to Implementation: It may be important to provide educational outreach to the community on safe use of RRFB's. There are instances where pedestrians have been shown to blindly trust that vehicles will immediately yield to them once they activate the RRFB. Their failure to check for oncoming traffic can result in a pedestrian crash regardless of the presence of an RRFB.

General Notes: RRFB's are meant to supplement standard pedestrian crossing warning signs and crosswalk markings. Typically, pedestrian crossing warning signs are placed on the left and right sides of the road at the crossing. Placing advanced stop bars are optional. It is important to remember that RRFB's have limited available research on their effectiveness on crashes so they should be used where other more proven countermeasures have shown to not be effective.

On the State Highway System, RRFB's and marked crosswalks at uncontrolled locations require State Traffic Engineer approval

Crash Types Addressed	**Severity Type Addressed**
Pedestrian	**All Severities (Including PDO's)**
CRF Range of Effectiveness	**ODOT CRF Value**
10 - 56%	**10%**

Name: Install Rectangular Rapid Flashing Beacon without Median (3-Lane or More Roadway)	ODOT Countermeasure Number: BP9

What is it: Rectangular Rapid Flash Beacons (RRFBs) are user-actuated amber Light Emitting Diodes (LEDs) that supplement warning signs at unsignalized intersections or mid-block crosswalks. The signals rest in the dark phase until activated by a push button and then flash in a rapid stutter flash pattern.



Image from Google

Where to use: On multi-lane roads where crash data indicates a need to provide additional notification to motorists of the presence of crossing pedestrians or where there are insufficient gaps in vehicle traffic to provide a pedestrian a crossing opportunity.

Why it works: RRFB's can enhance safety by reducing crashes between vehicles and pedestrians by increasing driver awareness of potential pedestrian conflicts.

Impediments to Implementation: It may be important to provide educational outreach to the community on safe use of RRFB's. There are instances where pedestrians have been shown to blindly trust that vehicles will immediately yield to them once they activate the RRFB. Their failure to check for oncoming traffic can result in a pedestrian crash regardless of the presence of an RRFB.

General Notes: RRFB's are meant to supplement standard pedestrian crossing warning signs and crosswalk markings. Typically, pedestrian crossing warning signs are placed on the left and right sides of the road at the crossing. Placing advanced stop bars highly recommended on multi-lane facilities. It is important to remember that RRFB's have limited available research on their effectiveness on crashes so they should be used where other more proven countermeasures have shown to not be effective.

On the State Highway System, RRFB's and marked crosswalks at uncontrolled locations require State Traffic Engineer approval

Crash Types Addressed	Severity Type Addressed
Pedestrian	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
10 - 56%	10%

Name: Install Rectangular Rapid Flashing Beacon with Median (3-Lane or More Roadway)	ODOT Countermeasure Number: BP10

What is it: Rectangular Rapid Flash Beacons (RRFBs) are user-actuated amber Light Emitting Diodes (LEDs) that supplement warning signs at unsignalized intersections or mid-block crosswalks. The signals rest in the dark phase until activated by a push button and then flash in a rapid stutter flash pattern. This countermeasure includes installation of a pedestrian refuge island in addition to the RRFB.



Image from Washington County (OR)

Where to use: On multi-lane roads where crash data indicates a need to provide additional notification to motorists of the presence of crossing pedestrians or where there are insufficient gaps in vehicle traffic to provide a pedestrian a crossing opportunity.

Why it works: RRFB's can enhance safety by reducing crashes between vehicles and pedestrians by increasing driver awareness of potential pedestrian conflicts. With a pedestrian refuge island, pedestrians are able to more safely make a two-stage crossing by having to only look for a gap in one direction of traffic at a time while being protected by a concrete curbed island.

Impediments to Implementation: If placed at an intersection with designated left turn lanes, a pedestrian refuge island will impact left turning movements. It may be important to provide educational outreach to the community on safe use of RRFB's. There are instances where pedestrians have been shown to blindly trust that vehicles will immediately yield to them once they activate the RRFB. Their failure to check for oncoming traffic can result in a pedestrian crash regardless of the presence of an RRFB. It is important to provide sufficient pavement width to accommodate the largest size of vehicles expected to travel on the road in question.

General Notes: This countermeasure is highly encouraged on higher speed facilities. RRFB's are meant to supplement standard pedestrian crossing warning signs and crosswalk markings. Typically, pedestrian crossing warning signs are placed on the left and right sides of the road at the crossing. Placing an RRFB in the pedestrian refuge island and advanced stop bars are highly recommended on multi-lane facilities. It is important to remember that RRFB's alone have limited available research on their effectiveness on crashes so they should be used where other more proven countermeasures have shown to not be effective or in combination with more proven countermeasures.

On the State Highway System, RRFB's and marked crosswalks at uncontrolled locations require State Traffic Engineer approval

Crash Types Addressed	Severity Type Addressed
Pedestrian	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
10 - 56%	56%

Name: Install Continental Crosswalk Markings and Advance Pedestrian Warning Signs at Uncontrolled Locations	ODOT Countermeasure Number: BP11

What is it: A crosswalk is a location where the pedestrian leaves the sidewalk and enters the roadway and the pedestrian's path of travel crosses the motorist's path of travel. Marked crosswalks use pavement markings to indicate optimal or preferred locations for pedestrians to cross and help designate right-of-way for motorists to yield to pedestrians.



Image from Google

Where to use: Where you have a higher than expected frequency of pedestrian crashes or vehicles crashes caused by pedestrians.

Why it works: Crosswalks help call attention to pedestrians crossing a road and provide a defined location in which to do so.

Impediments to Implementation: Pedestrians are sensitive to out-of-the-way travel, and reasonable accommodation should be made to make crossings both convenient and safe at locations with adequate visibility. Too many and unnecessary marked crosswalks on a segment of road has a high potential to result in driver complacency and reduced yielding compliance.

General Notes: This countermeasure can be applied at intersections or midblock locations. It is important to remember that all intersections are legal pedestrian crossings in Oregon, regardless if they are marked or not. Advanced stop bars are REQUIRED in multi-lane sections.

Consider marking a crosswalk at non-signalized locations where engineering judgment dictates that the number of motor vehicle lanes, pedestrian exposure, average daily traffic (ADT), posted speed limit, and geometry of the location would make the use of specially designated crosswalks desirable for traffic/pedestrian safety and mobility. Marked crosswalks alone (i.e., without traffic-calming treatments, traffic signals and pedestrian signals when warranted, or other substantial crossing improvement) are insufficient and should not be used under the following conditions:

- Where the speed limit exceeds 40 mph
- On a roadway with four or more lanes without a raised median or crossing island that has (or will soon have) an ADT of 12,000 or greater
- On a roadway with four or more lanes with a raised median or crossing island that has (or soon will have) an ADT of 15,000 or greater

For additional guidance, please refer to FHWA's Safety Effects of Marked Versus Unmarked Crosswalks at Uncontrolled Locations.
On the State Highway System, marked crosswalks at uncontrolled locations require State Traffic Engineer approval

Crash Types Addressed	Severity Type Addressed
Pedestrian	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
15%	15%

References: Safety Effects of Marked Versus Unmarked Crosswalks at Uncontrolled Locations (FHWA-HRT-04-100)

Name: Install Curb Ramps and Extensions with a Marked Crosswalk and Pedestrian Warning Signs	ODOT Countermeasure Number: BP12

What is it: Curb extensions (also known as bulb-outs) extend the sidewalk or curb line out into the parking lane, which reduces the effective street width.

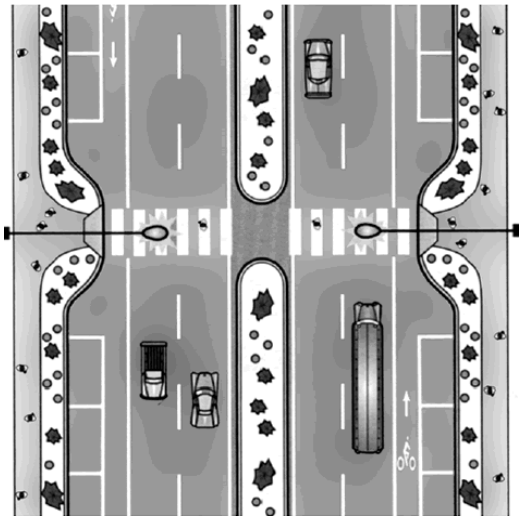


Image from FHWA

Where to use: Where you have a higher than expected frequency of pedestrian crashes or vehicles crashes caused by pedestrians that could be reduced by minimizing the crossing distance and maximizing the visibility of pedestrians.

Why it works: Curb extensions significantly improve pedestrian crossings by reducing the pedestrian crossing distance, improving the ability of pedestrians and motorists to see each other, and reducing the time that pedestrians are in the street.

Impediments to Implementation: It is important to provide sufficient pavement width to accommodate the largest size of vehicles expected to travel on the road in question. The new curb line should not encroach the traveled way where bicyclists or motor vehicles may be traveling either.

General Notes: This countermeasure can be used at intersections or midblock locations. Curb extensions should typically be used where there is a parking lane and where transit and cyclists will be traveling outside the curb edge for the length of the street.

On the State Highway System, marked crosswalks at uncontrolled locations require State Traffic Engineer approval

Crash Types Addressed	Severity Type Addressed
Pedestrian	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
37%	37%

References: Desktop Reference for Crash Reduction Factors (FHWA-SA-08-011)

Name: Install Advance Pedestrian or Bicycle Warning Signs	ODOT Countermeasure Number: BP13

What is it: Yellow warning symbol signs with appropriate supplemental plaques warning of pedestrian and/or bicycles (W11-1, W11-2, W11-15) potentially crossing the road.



Image from Google

Where to use: Where crash data indicates a need to provide additional notification to motorists of the presence of crossing pedestrians and/or bicyclists.

Why it works: It warns motorists of locations where unexpected entries into the roadway by pedestrians and/or bicycles might occur.

Impediments to Implementation: These signs should be reserved for use in locations that have shown a need through crash data to avoid sign clutter and driver complacency.

General Notes: The combined Bicycle/Pedestrian (W11-15) sign may be used where both bicyclists and pedestrians might be crossing the roadway, such as at an intersection with a shared-use path. Please refer to the 2009 MUTCD for additional guidance on placement of these signs and the appropriate supplemental plaques that should be included.

This countermeasure cannot be used with any of the marked crosswalk countermeasures as signs are already included in those countermeasures

Crash Types Addressed	Severity Type Addressed
Pedestrian and Bicycle	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
5 - 15%	5%

References: Desktop Reference for Crash Reduction Factors (FHWA-SA-08-011)

Name: Install Pedestrian Signal	ODOT Countermeasure Number: BP14

What is it: Traffic Signals are a traffic control device positioned on roadways to efficiently control and manage competing flows of traffic (vehicles, pedestrians and/or bicycles). A Pedestrian Signal controls the flow of traffic and provides sufficient time for safe and efficient pedestrian and/or bicycle crossings.



Image from Google

Where to use: Where you have a higher than expected frequency of pedestrian/bicycle crashes or vehicles crashes caused by pedestrians/bicycles and other less aggressive countermeasures have been proven to be ineffective.

Why it works: Pedestrian signals provide positive guidance to pedestrians regarding the permitted signal interval to cross a street and prohibit pedestrian crossings when conflicting traffic may impact pedestrian safety.

Impediments to Implementation: There should be discussions on which type of pedestrian activated traffic control device is the most appropriate countermeasure for the identified problem. Inappropriate placement of a Pedestrian Signal could result in an increase in vehicle crashes and a decrease in compliance from either vehicles or pedestrians.

General Notes: Pedestrian signals are appropriate where it is difficult to find a gap in traffic to make a crossing and there are a significant number of pedestrians wanting to cross at a particular location.

A pedestrian signal is warranted by MUTCD Warrant #4. State Traffic Engineer Approval and warrant analysis is REQUIRED for all potential signal installations on the State Highway.

Crash Types Addressed	Severity Type Addressed
Pedestrian and Bicycle	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
15 - 69%	55%

References: Desktop Reference for Crash Reduction Factors (FHWA-SA-08-011)

Name: Install Pedestrian Hybrid Beacon	ODOT Countermeasure Number: BP15

What is it: The pedestrian hybrid beacon (PHB) - also known as the High intensity Activated crossWalK (or HAWK) - is a pedestrian-activated warning device located on the roadside or on mast arms over midblock pedestrian crossings. The beacon head consists of two red lenses above a single yellow lens. The beacon head is "dark" until the pedestrian desires to cross the street. When activated it displays a brief flashing and steady yellow intervals followed by a steady red indication to drivers and a "WALK" indication to pedestrians.



Image from FHWA

Where to use: Where you have a higher than expected frequency of pedestrian/bicycle crashes or vehicles crashes caused by pedestrians/bicycles and other less aggressive countermeasures have been proven to be ineffective. This treatment may be used at locations with a high number of pedestrian crashes where additional visibility of pedestrian crossings is needed.

Why it works: It displays a red indication to drivers when activated, which creates a gap for pedestrians to cross a major roadway. They provide positive guidance to pedestrians regarding the permitted signal interval to cross a street and prohibit pedestrian crossings when conflicting traffic may impact pedestrian safety.

Impediments to Implementation: There should be discussions on which type of pedestrian activated traffic control device is the most appropriate countermeasure for the identified problem. Inappropriate placement of a PHB could result in an increase in vehicle crashes and a decrease in compliance from either vehicles or pedestrians. Since the pedestrian hybrid beacon is a traffic control device many people are not yet familiar with, effort should be made to perform outreach to the public before implementation so there is no confusion about how the beacon operates and what drivers and pedestrians should do when encountering it.

General Notes: In general, PHB's should be used if gaps in traffic are not adequate to permit pedestrians to cross, if vehicle speeds on the major street are too high to permit pedestrians to cross, or if pedestrian delay is excessive. Hybrid beacons may be used at locations with lower volumes than what is required for a pedestrian signal.

The MUTCD guidance for the placement of PHB's should be reviewed as installation of this treatment is considered. State Traffic Engineer Approval is REQUIRED for all PHB installations on the State Highway.

Crash Types Addressed	Severity Type Addressed
Pedestrian and Bicycle	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
15 - 69%	55%

References: Crash Modification Factors Clearinghouse, Safety Effectiveness of the HAWK Pedestrian Crossing Treatment (FHWA-HRT-10-042)

Name: Convert 4-Lane Roadway to 3-Lane Roadway with Center Turn Lane (Road Diet)	ODOT Countermeasure Number: H48, BP16

What is it: A road diet involves converting an undivided four-lane roadway into three lanes consisting of two through lanes and a center two-way left turn lane (TWLTL).



Image from FHWA

Where to use: Where you have a high frequency of the following crash types: rear-end crashes from left turns, sideswipe overtaking, left turning crashes, and multiple-threat pedestrian crashes from a vehicle stopped for a pedestrian, blocking the view of the driver in the adjacent lane. Typical candidate four-lane roadways have 20,000 ADT or less.

Why it works: Reducing the number of through lanes and providing a TWLTL addresses crashes by (1) separating left-turning traffic from through traffic, (2) reducing the number of oncoming lanes through which a left-turning driver must search for a gap, and (3) removing the multiple-threat situation because there is no longer an adjacent lane. Road diets can decrease other incidents by providing designated spaces -- sidewalks and bicycle lanes -- that reduce opportunities for conflicts between motor vehicles and other road users.

Impediments to Implementation: The most common concern with proposed road diets is the potential increase in traffic delays during peak periods. It is important to involve stakeholders during the very early stages of a road diet discussion to ensure the best solution for all users.

General Notes: The reduction of lanes in a road diet allows for the roadway to be reallocated for other uses such as bike lanes, pedestrian crossing islands and/or parking. Road diets can be low cost if planned in conjunction with reconstruction or simple overlay projects since a road diet mostly consists of restriping.

Crash Types Addressed	Severity Type Addressed
All Crashes	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
29%	29%

References: Highway Safety Manual, Accident Modification Factors for Traffic and ITS Improvements (NCHRP Report 617)

Name: Install Bike Signal	ODOT Countermeasure Number: BP17

What is it: A bicycle signal face provided at a signalized intersection exclusively for bicycle use. Steady and flashing red, yellow and green bicycle signal indications shall have the same meanings as described in the 2009 MUTCD for steady and flashing circular red, yellow and green signal indications for motor vehicles.

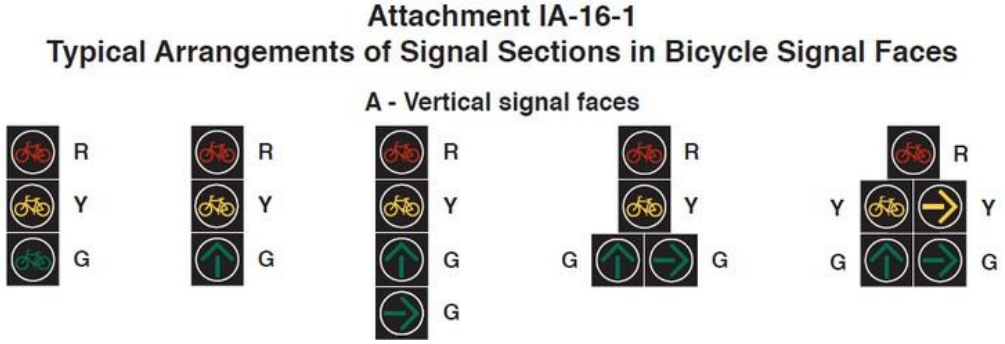


Image from MUTCD



Image from J. Maus

Where to use: At a signalized intersection where there is a higher frequency of bicycle crashes that could be mitigated with an exclusive bicycle signal phase.

Why it works: A bike signal provides a separate phase for bicycles and minimizes potential vehicle to bicycle right of way conflicts.

Impediments to Implementation: Where passive detection is used, it is important to consider the type of bicycle detection that will be the most appropriate for the location in question. On older signals there may be conduit capacity issues and structural issues related to where you need to mount the signal head(s).

General Notes: Bicycle signals are appropriate where conflicts between turning vehicles and bicycles occur enough to warrant exclusive bicycle phasing. Where the potential exists for a conflict between the bicycle phase and vehicles turning right on a red indication, it is required to prohibit right turn vehicle movements on red.

For more guidance on installing bike signals, please refer to the ODOT Signal Policy and Guidelines and the MUTCD Interim Approval Memo for Bike Signals. The MUTCD interim approval for the placement of bicycle signals should be reviewed as installation of this treatment is considered. State Traffic Engineer Approval and warrant analysis is REQUIRED for all potential signal installations on the State Highway.

Crash Types Addressed	Severity Type Addressed
Bicycle	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
45%	45%

References: Interim Approval for Optional Use of a Bicycle Signal Face (IA-16)

Name: Install Bike Lanes	ODOT Countermeasure Number: BP18

What is it: Bike lanes are defined as a portion of the roadway that has been designated by signing and pavement marking for the preferential or exclusive use by bicyclists. Typically, there is one bike lane provided on each side of the roadway and travels in the same direction as the motorized vehicle lane.



Image from FHWA

Where to use: Where you have a high frequency of bicycle crashes particularly where there is a high volume of bicycle traffic along a corridor, such as known or designated bicycle routes.

Why it works: Bicycle lanes make the movements of both motorists and bicyclists more predictable and provide a consistent separation between bicyclists and passing motorists.

Impediments to Implementation: This countermeasure can be costly depending on right of way acquisition needs and drainage impacts. It is important to provide adequate space between the bike lane and parked cars so that open doors do not create a hazard for bicyclists and to avoid termination of bike lanes where bicyclists are left in a vulnerable situation.

General Notes: For more guidance on bike lanes and their design standards, please refer to the AASHTO Guide for the Development of Bicycle Facilities, the Oregon Bicycle and Pedestrian Design Guide and Section 9C.04 of the Oregon Supplement to the MUTCD.

Crash Types Addressed	Severity Type Addressed
Bicycle	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
0 - 53%	36%

References: Desktop Reference for Crash Reduction Factors (FHWA-SA-08-011)

Name: Install Cycle Tracks	ODOT Countermeasure Number: BP19

What is it: A cycle track is a bike lane (one- or two-way) with a physical barrier between the bike and motor vehicle travel lanes, such as a curb or parking lanes.

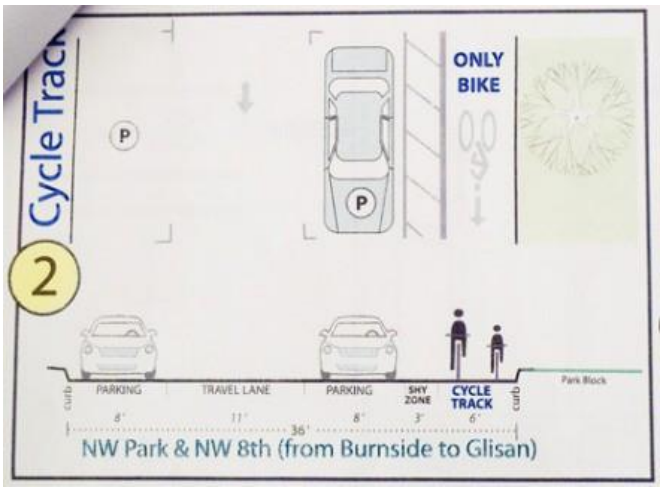


Image from City of Portland

Where to use: Where bicycle crash data indicates a need to provide additional separation between bicycles and vehicles (parked or moving).

Why it works: Provides a dedicated and protected space for bicyclists from vehicles and reduces the risk of a parked car opening their door in the path of a bicyclist.

Impediments to Implementation: This countermeasure can be costly depending on right of way acquisition needs and drainage impacts. Cycle tracks can also pose a crash risk at intersections where turning vehicles cannot see bicyclists emerging from behind parked cars or standing pedestrians.

General Notes: For more guidance, please refer to the Oregon Bicycle and Pedestrian Design Guide and the NACTO Urban Bikeway Design Guide.

Crash Types Addressed	Severity Type Addressed
Bicycle	All Injury (Not PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
59 - 74%	59%

References: Crash Modification Factors Clearinghouse

Name: Install Buffered Bike Lanes	ODOT Countermeasure Number: BP20

What is it: A conventional bike lane with an adjacent buffer space (painted median) separating the bicycle lane from the vehicle travel lane and/or adjacent parking lane.

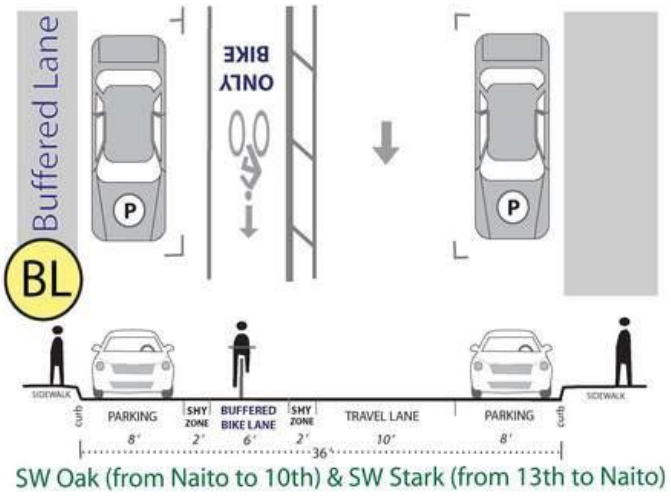


Image from City of Portland

Where to use: Where bicycle crash data indicates a need to provide additional separation between bicycles and vehicles (parked or moving).

Why it works: Provides a larger separation between bicyclists and motorists in the adjacent travel lane. It also provides more space for bicyclists to maneuver around a parked car with their door open.

Impediments to Implementation: This countermeasure can be costly depending on right of way acquisition needs and drainage impacts.

General Notes: For more guidance, please refer to the Oregon Bicycle and Pedestrian Design Guide and the NACTO Urban Bikeway Design Guide.

Crash Types Addressed	Severity Type Addressed
Bicycle	All Injury (Not PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
N/A	47%

Name: Prohibit Right-Turn on Red	ODOT Countermeasure Number: BP21

What is it: “NO TURN ON RED”. This sign prohibits drivers from making a right-turn during the red phase at signalized intersections.



Image from Google Streetview

Where to use: At signalized intersections where the volume of pedestrian and bicycle crossings, in conflict with right-turning vehicles is high.

Why it works: Prohibiting right-turn on red is a simple, low cost measure, that can increase pedestrian safety and decrease crashes at intersections between right-turning vehicles and pedestrians crossing the intersection.

Impediments to Implementation: Consider the potential delay to right-turning vehicles by implementing this countermeasure. A concern of implementing this countermeasure is that it may lead to higher right-turn on green conflicts when there are concurrent signals.

General Notes: Many motorist do not fully comply with the regulation. Motorists are commonly looking for traffic approach from their left, they may not be alert to pedestrians crossing to their right.

Crash Types Addressed	Severity Type Addressed
Pedestrian and Bicycle	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
26 – 44%	41

Name: Advance Yield and Stop Markings & Signs	ODOT Countermeasure Number: BP22

What is it: Advance yield and stop markings & signs typically includes a stop bar or “shark teeth” yield markings paced 20 to 50 feet in advance of a marked crosswalk. This countermeasure can greatly reduce the likelihood of crashes occurring between vehicles and pedestrians at unsignalized locations.

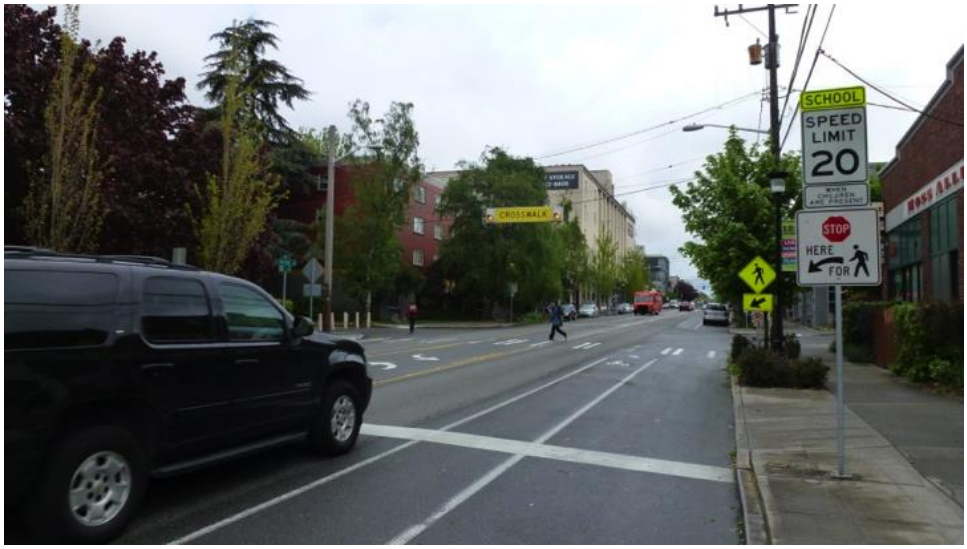


Image from PedSafe

Where to use: At unsignalized intersections and mid-block crossings.

Why it works: This countermeasure can greatly reduce the likelihood of multiple-threat crashes occurring at unsignalized and mid-block crossings. The multiple threat crash occurs at crosswalks on multilane roadways, when a driver stops too close to the crosswalk and lets a pedestrian crossing, limiting the visibility of the adjacent travel lane. This situation can results in a high-speed crash, which usually leads to fatalities or severe injuries.

Impediments to Implementation: It is important to consider that the Effectiveness depends on motorist compliance with the marked stop/yield line. Motorist might ignore markings/signage if placed too far in advance of the crosswalk.

General Notes:. Parking should be restricted between the stop or yield line and the crosswalk to allow for better visibility.

Crash Types Addressed	Severity Type Addressed
Pedestrian and Bicycle	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
25%	25

Name: Install Bicycle Boulevard	ODOT Countermeasure Number: BP23

What is it: A bicycle boulevard is a low-stress roadway where people biking and driving share the roadway. Bicycle boulevards are typically located along residential streets with low motor vehicle speeds and volumes. Traffic calming and/or reduction measures, such as traffic diverters, speed bumps, and traffic circles, and wayfinding signage give priority to people biking within the roadway.

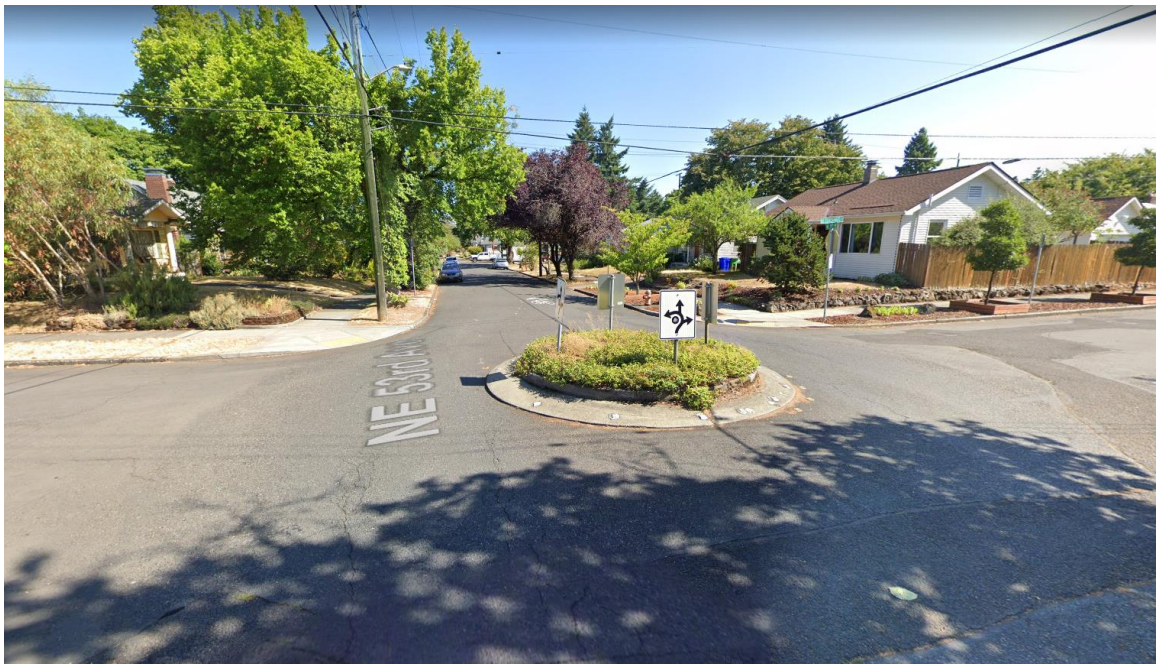


Image from Google Streetview

Where to use: Parallel to major roadway segments with constrained right-of-way where bicycle facilities cannot be accommodated. Bicycle boulevards should be located as close to the roadway segment as possible to limit out-of-direction travel for people biking. Can also be used as an independent bikeway connecting to major routes or destinations.

Why it works: Vehicle speeds and volumes are reduced through the traffic calming measures implemented as part of the bicycle boulevard treatment, creating a low-stress more comfortable experience for people biking.

Impediments to Implementation: Consider implementing parallel to major roadway segments where bicycle facilities cannot be accommodated within the roadway right-of-way.

General Notes: Consider out-of-direction travel for people biking. If using as a parallel route, consider how to provide access to popular destinations on the major roadway.

Crash Types Addressed	Severity Type Addressed
Pedestrian and Bicycle	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
63%	63

Source: Crash Modification Facts Clearinghouse

Name: Install Raised Crosswalk	ODOT Countermeasure Number: BP24

What is it: Raised crosswalks are typically located at signalized or unsignalized intersections with high-turning volumes. A raised crosswalk slows a turning vehicle and increases the yielding rate when people are crossing the intersection. They can also be used at midblock crossings as a traffic calming measure.



Image from Google Streetview

Where to use: At signalized and unsignalized intersections with high-turning volumes or midblock crossings where traffic calming is also desired.

Why it works: Raised crosswalks acts like speed humps, slowing vehicular turning speeds and creating higher yielding compliance for people crossing an intersection or slowing speeds of vehicles driving midblock.

Impediments to Implementation: May not be appropriate on streets with heavy truck, freight, bus, or emergency vehicle traffic.

General Notes: Consider stormwater when designing and implementing this countermeasure.

Crash Types Addressed	Severity Type Addressed
Pedestrian and Bicycle	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
30%	30

Source: https://safety.fhwa.dot.gov/ped_bike/tools_solve/ped_tctpepc/

Name: Install Intersection Crossing Markings	ODOT Countermeasure Number: N/A

What is it: Intersection crossing markings are installed at signalized and unsignalized intersections to visually designated the intended crossing space for people biking. Intersection crossing markings are typically striped with green paint and can be complimented with bicycle symbols including but not limited to a shared lane marking or "sharrow."



Image from Google Streetview

Where to use: At signalized and unsignalized intersections with high-turning volumes and through movements.

Why it works: Intersection crossing markings alert people driving that people biking are likely to be crossing the roadway and designates a space across the intersection for the crossing to occur. Intersection crossing markings also increase the predictability of bicycle movements in, around, and through signalized and unsignalized intersections.

Impediments to Implementation: Consider traffic control for bicycle approach. If a Stop or Yield sign is present, this countermeasure may not be applicable.

General Notes: Consider implementing along roadways with established bicycle facilities to create a lower stress intersection crossing experience.

Crash Types Addressed	Severity Type Addressed
Pedestrian and Bicycle	All Severities (Including PDO's)
CRF Range of Effectiveness	**ODOT CRF Value**
35%	35[1]

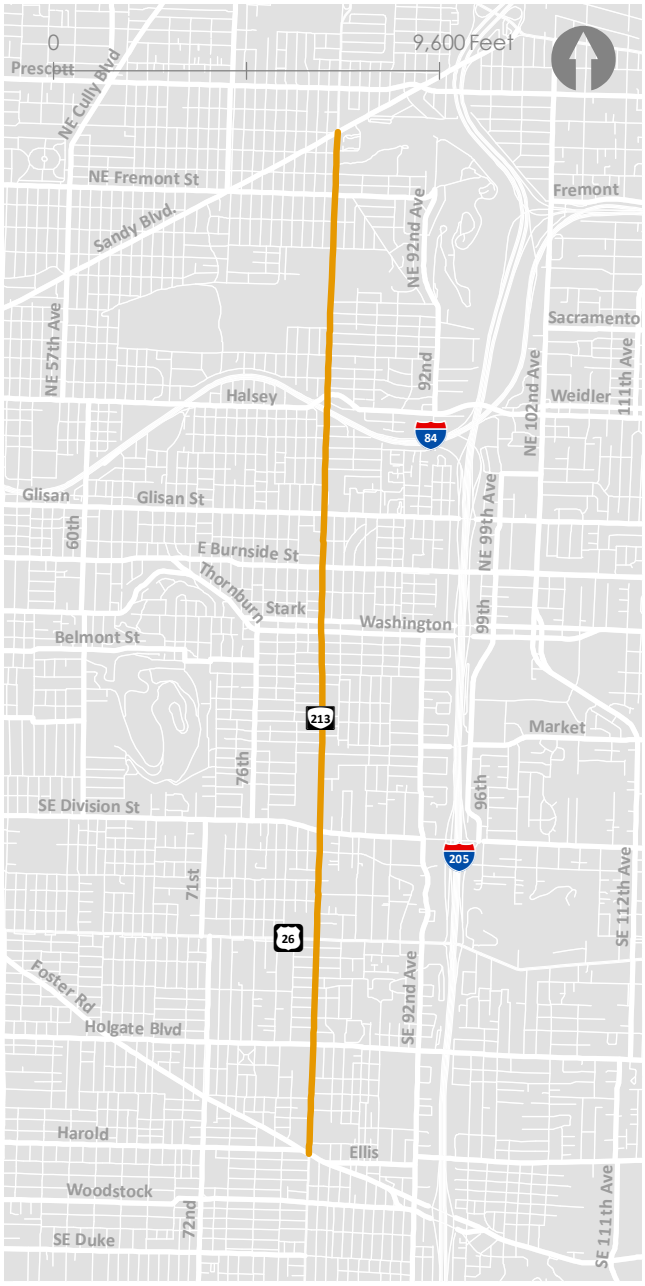
Source: https://nacto.org/publication/urban-bikeway-design-guide/

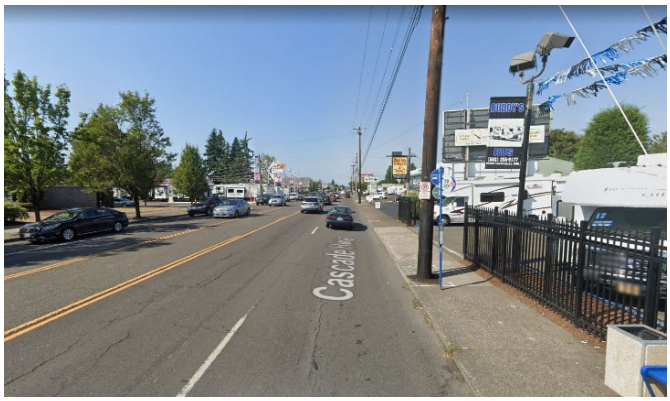
[1] CRF derived from BP5: Install Urban Green Bike Lanes at Conflict Points

Attachment E
Potential Countermeasures for Selected Sites

DRAFT PROJECT LOCATION SUMMARY SHEET

1: 82nd Avenue (OR 213), NE Sandy Boulevard to SE Foster Road – Portland		
Context: Urban	**ODOT Region:** 1	**Length:** 4.81 miles
Project Location		
From Street: NE Sandy Blvd (MP: 0.95)	**To Street:** SE Foster Road (MP: 5.76)	





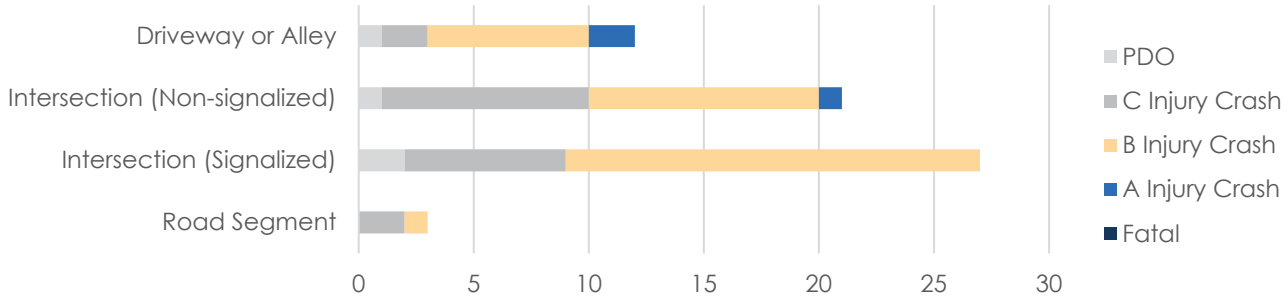




1: 82nd Avenue (OR 213), NE Sandy Boulevard to SE Foster Road – Portland

Crash History (2007 – 2017)

63 Total Crashes (Bicyclist Involved)



Risk Factors Present:

- Principal Arterial **– ALL**
- Urban Minor Arterial **– NONE**
- Number of Lanes (>= 4 Lanes) **– ALL**
- Posted Speed (>=35 mph) **– ALL**
- No Bike Lane **– ALL**
- Mixed-Use Zoning **– MOST**
- High-Access Density (>80 driveways per mile) – **MOST**
- Proximity to Schools (1 Mile) **– ALL**
- Proximity to Transit Stops (1/4 Mile) **– ALL**

Risk Score (Rank): 8.055 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Bicycle Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- NE Sandy Boulevard
- NE Fremont Street
- NE Siskiyou Street
- NE Tillamook Street
- NE Jonesmore Street
- NE Wasco Street
- NE Multnomah Street
- NE Glisan Street
- Burnside Street
- SE Stark Street
- SE Washington Street
- SE Yamhill Street
- SE Mill Street
- SE Division Street
- SE Woodward Street
- SE Powell Boulevard
- SE Boise Street
- SE Holgate Street
- SE Raymond Street
- SE Foster Road

Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles

Planning Level Countermeasure Cost: ~$1,000 per intersection

Countermeasure: Provide Protected Left-Turn Phase	**ARTS #:** N/A[1]	**CRF:** 31
Potential Intersection Locations (Signalized):		
▸ NE Sandy Boulevard ▸ NE Fremont Street ▸ NE Siskiyou Street ▸ NE Tillamook Street ▸ NE Jonesmore Street ▸ NE Wasco Street ▸ NE Multnomah Street	▸ NE Glisan Street ▸ Burnside Street ▸ SE Stark Street ▸ SE Washington Street ▸ SE Yamhill Street ▸ SE Mill Street ▸ SE Division Street	▸ SE Woodward Street ▸ SE Powell Boulevard ▸ SE Boise Street ▸ SE Holgate Street ▸ SE Raymond Street ▸ SE Foster Road
Potential Affected Risk Factor and/or Conflict: Bicycle vs. turning vehicle at four-leg signalized intersections		
Planning Level Countermeasure Cost: Cost varies based on existing signal equipment and intersection condition.		
Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ NE Sandy Boulevard ▸ NE Fremont Street ▸ NE Siskiyou Street ▸ NE Tillamook Street ▸ NE Jonesmore Street ▸ NE Wasco Street ▸ NE Multnomah Street	▸ NE Glisan Street ▸ Burnside Street ▸ SE Stark Street ▸ SE Washington Street ▸ SE Yamhill Street ▸ SE Mill Street ▸ SE Division Street	▸ SE Woodward Street ▸ SE Powell Boulevard ▸ SE Boise Street ▸ SE Holgate Street ▸ SE Raymond Street ▸ SE Foster Road
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *right-turning* vehicles		
Planning Level Countermeasure Cost: ~$7,000 per intersection		

1. Countermeasure not identified as part of ODOT ARTS program.

Countermeasure: Install Bike Box at Conflict Points	**ARTS #:** BP6	**CRF:** 35
Potential Intersection Locations (Signalized):		
▸ NE Glisan Street ▸ Burnside Street ▸ SE Stark Street ▸ SE Washington Street ▸ SE Yamhill Street ▸ SE Mill Street ▸ SE Division Street	▸ SE Woodward Street ▸ SE Powell Boulevard ▸ SE Boise Street ▸ SE Holgate Street ▸ SE Raymond Street ▸ SE Foster Road	▸ SE Woodward Street ▸ SE Powell Boulevard ▸ SE Boise Street ▸ SE Holgate Street ▸ SE Raymond Street ▸ SE Foster Road
Note: Countermeasure recommended only if BP18, BP19 or BP20 present		
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *all-turning* vehicles		
Planning Level Countermeasure Cost: $9,5000 (per approach)		
Countermeasure: Install Rectangular Rapid Flashing Beacon *with* Median (3-Lane or More Roadway)	**ARTS #:** BP10	**CRF:** 56[2]
Potential Midblock / Unsignalized Crossing Locations *without* existing medians:		
▸ NE Beech Street (transit stop ~ 70 feet north of intersection) ▸ SE Oregon Street (transit stop ~ 50 feet south of intersection) ▸ SE Clinton Street (transit stop ~ 110 feet south of intersection) ▸ SE Rhone Street (transit stop ~ 60 feet south of intersection) ▸ SE Raymond Court (transit stop – south leg of intersection) *Note: Midblock/intersection locations not included when located in close proximity to signalized intersection or existing crossing facility*		
Potential Affected Risk Factor and/or Conflict: Midblock/unsignalized bicycle crossings vs. vehicles		
Planning Level Countermeasure Cost: $173,000 per location		

1. Countermeasure not identified as part of ODOT ARTS program.
2. CRF is for vehicle-pedestrian crashes. It is assumed that a similar reduction would apply to bicyclists crossing midblock similar to pedestrians. NCHRP Research Report 926 notes these beacons are useful for bicycles as well.

Countermeasure: Install Rectangular Rapid Flashing Beacon *without* Median (3-Lane or More Roadway)	**ARTS #:** BP9	**CRF:** 10[1]
Potential Midblock / Unsignalized Crossing Locations *with* existing median:		
▸ ~ 260 feet south of NE Siskiyou intersection) ▸ NE Thompson Street (north leg of intersection ▸ NE Pacific Street (south leg of intersection) ▸ SE Ash Street (south leg of intersection) ▸ SE Salmon Street (north leg of intersection) ▸ SE Hawthorne Boulevard (north leg of intersection)		
Potential Affected Risk Factor and/or Conflict: Midblock/unsignalized bicycle crossings vs. vehicles		
Planning Level Countermeasure Cost: $69,000		
Countermeasure: Install Bicycle Boulevard	**ARTS #:** BP23	**CRF:** 63
Potential Segment Locations:		
▸ This countermeasure should be implemented on a direct parallel route of 82nd Avenue if one can be found that provides for longer-distance trips by bicycle.		
Note: A parallel route may not provide adequate access to local businesses on 82nd Avenue.		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $425,000 per 1000 feet		
Countermeasure: Install Bike Lanes	**ARTS #:** BP18	**CRF:** 36
Potential Segment Locations:		
▸ Segments of 82nd Avenue lacking bicycle facilities (all)		
*Note: Only **one** of BP18, BP19, or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities* *Note: When right-of-way is constrained, consider low volume parallel routes if near by*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $124,000 per 1,000 feet (one side)		

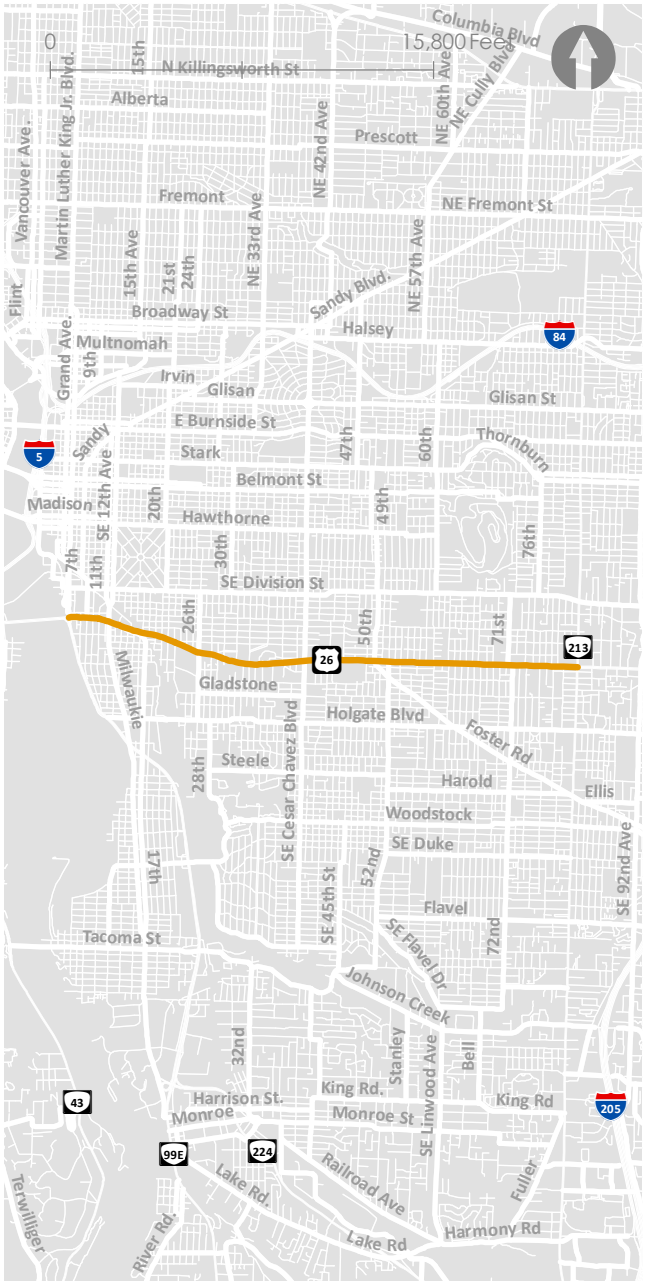
1. CRF is for vehicle-pedestrian crashes. It is assumed that a similar reduction would apply to bicyclists crossing midblock similar to pedestrians. NCHRP Research Report 926 notes these beacons are useful for bicycles as well.

Countermeasure: Install Cycle Track	**ARTS #:** BP19	**CRF:** 47
Potential Segment Locations:		
▸ Segments of 82nd Avenue lacking bicycle facilities (all)		
Note: Only one of BP18, BP19, or BP20 are recommended to be installed at a given location *Note: A roadway reorganization would be required to fit on-street bicycle facilities* *Note: Protected intersection features should be considered at intersections with heavy turning volumes* *Note: When right-of-way is constrained, consider low volume parallel routes if near by*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $247,000 per 1,000 feet (one side)		
Countermeasure: Install Buffered Bike Lane	**ARTS #:** BP20	**CRF:** 36
Potential Segment Locations:		
▸ Segments of 82nd Avenue lacking bicycle facilities (all)		
Note: Only one of BP18, BP19, or BP20 are recommended to be installed at a given location *Note: A roadway reorganization would be required to fit on-street bicycle facilities* *Note: When right-of-way is constrained, consider low volume parallel routes if near by*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $124,000 per 1,000 feet (one side)		
Countermeasure: Install Intersection Crossing Markings	**ARTS #:** NA[1]	**CRF:** 39[2]
Potential Intersection Locations:		
▸ Intersections along 82nd Avenue with approaching bicycle facilities		
Note: Only install in partnership with B18, BP19 or BP20		
Potential Affected Risk Fac tor and/or Conflict: Turning vehicles vs. bicycles		
Planning Level Countermeasure Cost: $50,000 per intersection		

1. Countermeasure not identified as part of ODOT ARTS program.
2. CRF and cost estimate derived from BP5: Install Urban Green Bike Lanes at Conflict Points

Countermeasure: Install Urban Green Bike Lanes at Conflict Points	**ARTS #:** BP5	**CRF:** 39
Potential Segment Locations:		
▸ High volume driveways along 82nd Avenue		
Note: Countermeasure to be completed in conjunction with BP18, BP 19, or BP20		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. bicycle crashes at driveways		
Planning Level Countermeasure Cost: $10,000 per 100 feet (one side)		
Countermeasure: Access Management (>48 per Mile to 26-48 per Mile)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
▸ Segments of 82nd Avenue with high levels of commercial access (majority of corridor)		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. bicycle crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[1]		

2: Powell Boulevard (US 26), Martin Luther King Jr. Boulevard to SE 82nd Avenue (OR 213)– Portland		
Context: Urban	**ODOT Region:** 1	**Length:** 4.03 miles
Project Location		
From Street: Martin Luther King Jr. Boulevard (MP: 1.00)	**To Street:** SE 82nd Avenue (MP: 5.04)	





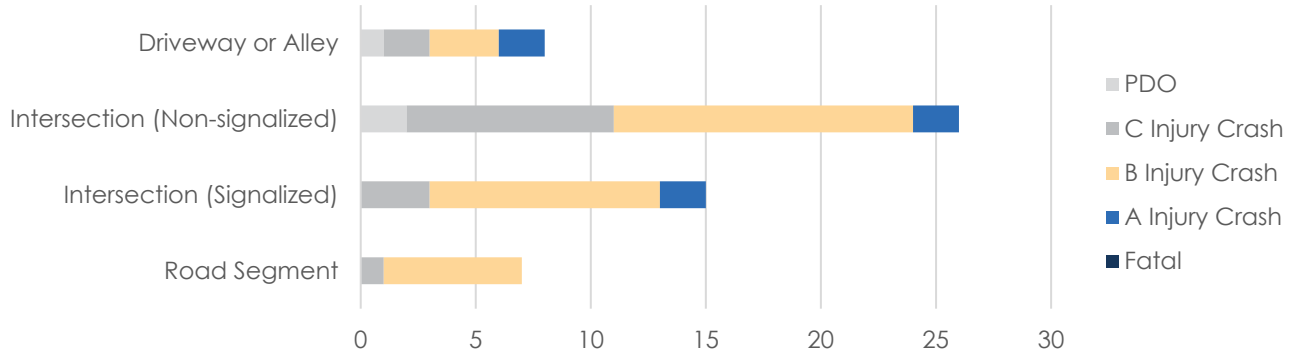




2: Powell Boulevard (US 26), Martin Luther King Jr. Boulevard to SE 82nd Avenue (OR 213)– Portland

Crash History (2007 – 2017)

56 Total Crashes (Bicyclist Involved)



Risk Factors Present:

- Principal Arterial **– ALL**
- Urban Minor Arterial **– NONE**
- Number of Lanes (>= 4 Lanes) **– MOST**
- Posted Speed (>=35 mph) **– ALL**
- No Bike Lane **– ALL**
- Mixed-Use Zoning **– MOST**
- High-Access Density (>80 driveways per mile) **– PARTIAL**
- Proximity to Schools (1 Mile) **– ALL**
- Proximity to Transit Stops (1/4 Mile) **– ALL**

Risk Score (Rank): 7.702 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Bicycle Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- SE Milwaukie Avenue
- SE 21st Avenue
- SE 26th Avenue
- SE 28th Avenue
- SE 33rd Avenue
- SE 39th Avenue
- SE 42nd Avenue
- SE Foster Road
- SE 52nd Avenue
- SE 65th Avenue
- SE 69th Avenue
- SE 71st Avenue
- SE 82nd Avenue

Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles

Planning Level Countermeasure Cost: ~$1,000 per intersection

Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ SE Milwaukie Avenue ▸ SE 21st Avenue ▸ SE 26th Avenue ▸ SE 28th Avenue ▸ SE 33rd Avenue	▸ SE 39th Avenue ▸ SE 42nd Avenue ▸ SE Foster Road ▸ SE 52nd Avenue	▸ SE 65th Avenue ▸ SE 69th Avenue ▸ SE 71st Avenue ▸ SE 82nd Avenue
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *right-turning* vehicles		
Planning Level Countermeasure Cost: ~$7,000 per intersection		
Countermeasure: Install Bike Box at Conflict Points	**ARTS #:** BP6	**CRF:** 35
Potential Intersection Locations (Signalized):		
▸ NE Glisan Street ▸ Burnside Street ▸ SE Stark Street ▸ SE Washington Street ▸ SE Yamhill Street ▸ SE Mill Street ▸ SE Division Street	▸ SE Woodward Street ▸ SE Powell Boulevard ▸ SE Boise Street ▸ SE Holgate Street ▸ SE Raymond Street ▸ SE Foster Road	▸ SE Woodward Street ▸ SE Powell Boulevard ▸ SE Boise Street ▸ SE Holgate Street ▸ SE Raymond Street ▸ SE Foster Road
Note: Countermeasure recommended only if BP18, BP19 or BP20 present		
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *all-turning* vehicles		
Planning Level Countermeasure Cost: $9,5000 (per approach)		

Countermeasure: Install Rectangular Rapid Flashing Beacon without Median (3-Lane or More Roadway)	**ARTS #:** BP9	**CRF:** 10[1]
Potential Midblock / Unsignalized Crossing Locations *with* existing median:		
▸ SE 36th Avenue ▸ SE 45th Avenue ▸ SE 54th Avenue (existing overhead flashing amber beacon)	▸ SE 57th Avenue (~100 feet east of intersection / existing overhead flashing amber beacon) ▸ SE 67th Avenue (west leg of intersection)	▸ SE 75th Avenue (existing overhead flashing amber beacon) ▸ SE 79th Avenue (east leg of intersection)
Potential Affected Risk Factor and/or Conflict: Midblock/unsignalized bicycle crossings vs. vehicles		
Planning Level Countermeasure Cost: $69,000 per location		
Countermeasure: Install Intersection Crossing Markings	**ARTS #:** NA[2]	**CRF:** 35[3]
Potential Intersection Locations:		
▸ Intersections along Powell Boulevard with approaching bicycle facilities		
Note: Only install in partnership with B18, BP19 or BP20		
Potential Affected Risk Fac tor and/or Conflict: Turning vehicles vs. bicycles		
Planning Level Countermeasure Cost: $50,000 per intersection		
Countermeasure: Install Bike Lanes	**ARTS #:** BP18	**CRF:** 36
Potential Segment Locations:		
▸ Segments of Powell Boulevard lacking bicycle facilities (all) *Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $124,000 per 1,000 feet (one side)		

1. CRF is for vehicle-pedestrian crashes. It is assumed that a similar reduction would apply to bicyclists crossing midblock similar to pedestrians. NCHRP Research Report 926 notes these beacons are useful for bicycles as well.
2. Countermeasure not identified as part of ODOT ARTS program.
3. CRF and cost estimate derived from BP5: Install Urban Green Bike Lanes at Conflict Points

Countermeasure: Install Cycle Track	**ARTS #:** BP19	**CRF:** 47
Potential Segment Locations:		
▸ Segments of Powell Boulevard lacking bicycle facilities (all)		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: Protected intersection features should be considered at intersections with heavy turning volumes*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $269,000 per 1,000 feet (one side)		
Countermeasure: Install Buffered Bike Lane	**ARTS #:** BP20	**CRF:** 36
Potential Segment Locations:		
▸ Segments of Powell Boulevard lacking bicycle facilities (all)		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $247,000 per 1,000 feet (one side)		
Countermeasure: Install Urban Green Bike Lanes at Conflict Points	**ARTS #:** BP5	**CRF:** 39
Potential Segment Locations:		
▸ Drive access points along Segments of Powell Boulevard lacking bicycle facilities (all)		
Note: Countermeasure to be completed in conjunction with BP18, BP 19, or BP20		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $10,000 per 100 feet (one side)		
Countermeasure: Access Management (>48 per Mile to 26-48 per Mile)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
▸ Segments of Powell Boulevard with high levels of commercial access (majority of corridor)		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. bicycle crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[1]		

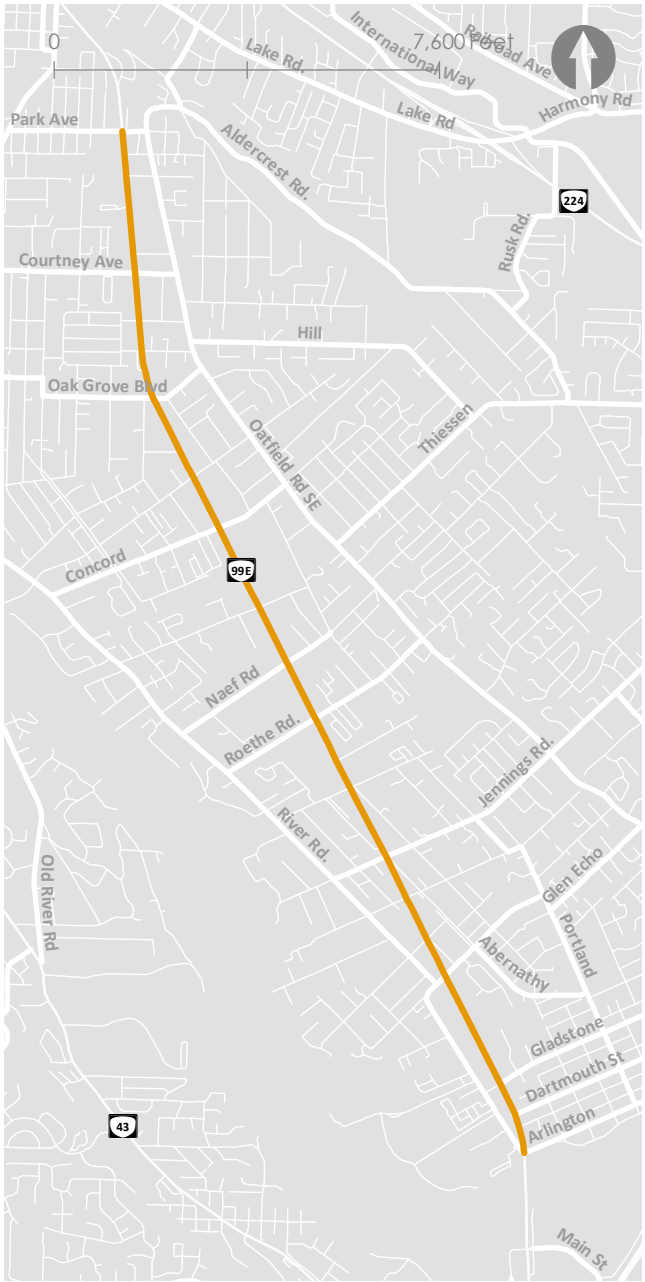
1. Cost specific to context and number of access points.

3: SE McLoughlin Boulevard (OR99E), SE Park Avenue to Arlington Street – Oak Grove

Context: Urban	**ODOT Region:** 1	**Length:** 4.15 miles

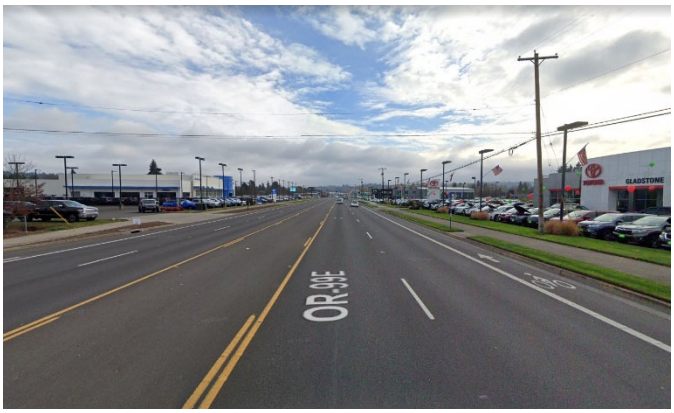
Project Location

From Street: SE Park Avenue (MP: 6.87)	**To Street:** River Road (MP: 11.02)





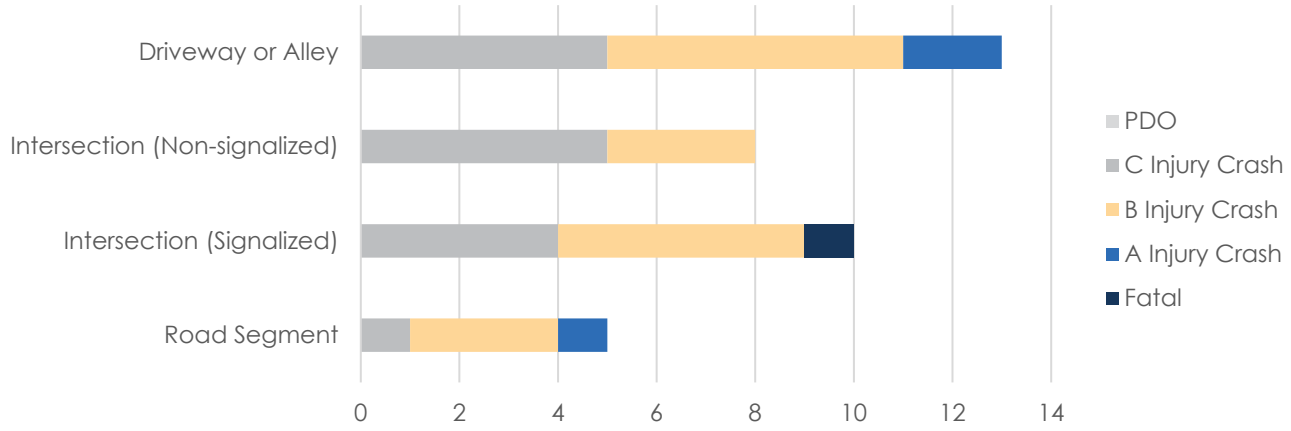




3: SE McLoughlin Boulevard (OR99E), SE Park Avenue to Arlington Street – Oak Grove

Crash History (2007 – 2017)

36 Total Crashes (Bicyclist Involved)



Risk Factors Present:

- Principal Arterial **– ALL**
- Urban Minor Arterial **– NONE**
- Number of Lanes (>= 4 Lanes) **– ALL**
- Posted Speed (>=35 mph) **– ALL**
- No Bike Lane **– NONE**
- Mixed-Use Zoning **– NONE**
- High-Access Density (>80 driveways per mile) **– MOST**
- Proximity to Schools (1 Mile) **– ALL**
- Proximity to Transit Stops (1/4 Mile) **– ALL**

Risk Score (Rank): 6.313 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Bicycle Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- SE Park Avenue
- SE Concord Road
- SE Roethe Road
- W Gloucester Street
- SE Courtney Road
- SE Vineyard Road
- SE Jennings Avenue
- River Road
- SE Oak Grove Boulevard
- SE Naef Road
- Glen Echo Avenue

Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles

Planning Level Countermeasure Cost: ~$1,000 per intersection

Countermeasure: Provide Protected Left-Turn Phase	**ARTS #:** N/A[1]	**CRF:** 31
Potential Intersection Locations (Signalized):		
▸ SE Courtney Road ▸ SE Vineyard Road	▸ Glen Echo	▸ Arlington Street
Potential Affected Risk Factor and/or Conflict: Bicycle vs. turning vehicle at four-leg signalized intersections		
Planning Level Countermeasure Cost: Cost varies based on existing signal equipment and intersection condition.		
Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ SE Park Avenue ▸ SE Concord Road ▸ SE Roethe Road ▸ W Gloucester Street	▸ SE Courtney Road ▸ SE Vineyard Road ▸ SE Jennings Avenue ▸ River Road	▸ SE Oak Grove Boulevard ▸ SE Naef Road ▸ Glen Echo Avenue
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *right-turning* vehicles		
Planning Level Countermeasure Cost: ~$7,000 per intersection		
Countermeasure: Install Bike Signal	**ARTS #:** BP17	**CRF:** 45
Potential Intersection Locations (Signalized):		
▸ SE Jennings Avenue		
Note: Signal is recommended as an exclusive phase to cross Trolley trail users diagonally across the intersection		
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *left and right-turning* vehicles		
Planning Level Countermeasure Cost: ~$22,000		

1. Countermeasure not identified as part of ODOT ARTS program.

Countermeasure: Install Intersection Crossing Markings	**ARTS #:** NA[1]	**CRF:** 39[2]
Potential Intersection Locations:		
▸ Intersections along OR99E with approaching bicycle facilities		
Note: Only install in partnership with B18, BP19 or BP20		
Potential Affected Risk Factor and/or Conflict: Turning vehicles vs. bicycles		
Planning Level Countermeasure Cost: $50,000 per intersection		
Countermeasure: Install Bike Box at Conflict Points	**ARTS #:** BP6	**CRF:** 35
Potential Intersection Locations (Signalized):		
▸ SE Park Avenue ▸ SE Concord Road ▸ SE Roethe Road ▸ W Gloucester Street	▸ SE Courtney Road ▸ SE Vineyard Road ▸ SE Jennings Avenue ▸ River Road	▸ SE Oak Grove Boulevard ▸ SE Naef Road ▸ Glen Echo Avenue
Note: Countermeasure recommended only if BP18, BP19 or BP20 present		
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *all-turning* vehicles		
Planning Level Countermeasure Cost: $9,5000 (per approach)		
Countermeasure: Install Rectangular Rapid Flashing Beacon *with* Median (3-Lane or More Roadway)	**ARTS #:** BP10	**CRF:** 56[3]
Potential Midblock / Unsignalized Crossing Locations *without* existing medians:		
▸ SE Chestnut Street ▸ SE Maple Street	▸ SE Ina Avenue ▸ W Dartmouth Street	▸ SE Silverleaf Lane
Potential Affected Risk Factor and/or Conflict: Midblock/unsignalized bicycle crossings vs. vehicles		
Planning Level Countermeasure Cost: $173,000 per location		

1. Countermeasure not identified as part of ODOT ARTS program.
2. CRF and cost estimate derived from BP5: Install Urban Green Bike Lanes at Conflict Points
3. CRF is for vehicle-pedestrian crashes. It is assumed that a similar reduction would apply to bicyclists crossing midblock similar to pedestrians. NCHRP Research Report 926 notes these beacons are useful for bicycles as well.

Countermeasure: Install Rectangular Rapid Flashing Beacon without Median (3-Lane or More Roadway)	**ARTS #:** BP9	**CRF:** 10[1]
Potential Midblock / Unsignalized Crossing Locations *with* existing median:		
▸ SE Risley Avenue	▸ SE Hull Avenue	▸ SE Boardman Avenue
Potential Affected Risk Factor and/or Conflict: Midblock/unsignalized bicycle crossings vs. vehicles		
Planning Level Countermeasure Cost: $69,000 per location		
Countermeasure: Install Cycle Track	**ARTS #:** BP19	**CRF:** 47
Potential Segment Locations:		
▸ Segments of OR99E with existing bike lanes (all)		
*Note: Only **one** of BP19 or BP20 are recommended to be installed at a given location* *Note: Protected intersection features should be considered at intersections with heavy turning volumes*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $269,000 per 1,000 feet (one side)		
Countermeasure: Install Buffered Bike Lane	**ARTS #:** BP20	**CRF:** 36
Potential Segment Locations:		
▸ Segments of OR99E with existing bike lanes (all)		
*Note: Only **one** of BP19 or BP20 are recommended to be installed at a given location*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $247,000 per 1,000 feet (one side)		
Countermeasure: Install Urban Green Bike Lanes at Conflict Points	**ARTS #:** BP5	**CRF:** 39
Potential Segment Locations:		
▸ Driveway access points along OR99E with bike lanes (all)		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $10,000 per 100 feet (one side)		

1. CRF is for vehicle-pedestrian crashes. It is assumed that a similar reduction would apply to bicyclists crossing midblock similar to pedestrians. NCHRP Research Report 926 notes these beacons are useful for bicycles as well.

Countermeasure: Access Management (>48 per Mile to 26-48 per Mile)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
▸ Segments of OR99E with high levels of commercial access (majority of corridor)		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. bicycle crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[1]		

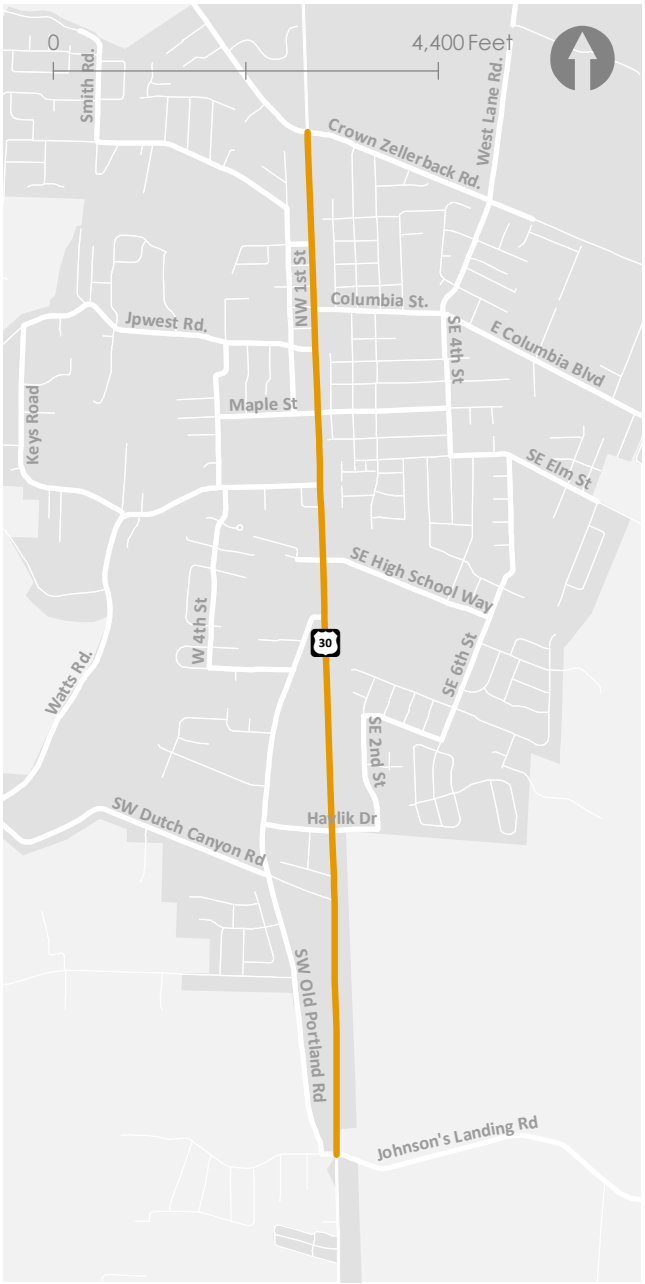
1. Cost specific to context and number of access points.

4: Columbia River Hwy (US 30), Crown Zellerbach Road to Johnson's Landing Rd– Scappoose

Context: Urban	**ODOT Region:** 2	**Length:** 2.21 miles

Project Location

From Street: Scappoose Vernonia Hwy (MP: 21.27)	**To Street:** Johnson's Landing Rd (MP: 19.05)





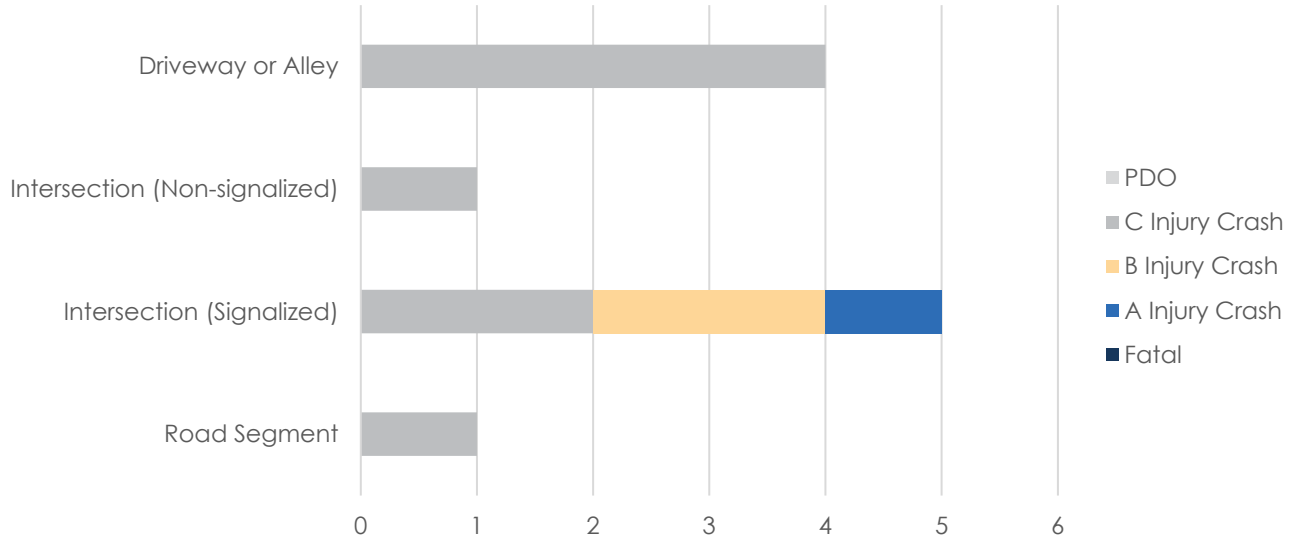




4: Columbia River Hwy (US 30), Crown Zellerbach Road to Johnson's Landing Rd– Scappoose

Crash History (2007 – 2017)

11 Total Crashes (Bicyclist Involved)



Risk Factors Present:

- Principal Arterial **– ALL**
- Urban Minor Arterial **– NONE**
- Number of Lanes (>= 4 Lanes) **– ALL**
- Posted Speed (>=35 mph) **– ALL**
- No Bike Lane **– MINOR**
- Mixed-Use Zoning **– NONE**
- High-Access Density (>80 driveways per mile) **– MINOR**
- Proximity to Schools (1 Mile) **– MOST**
- Proximity to Transit Stops (1/4 Mile) **– MOST**

Risk Score (Rank): 5.871 (Second 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Bicycle Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- Scappoose Vernonia Highway
- SE Em Watt Road
- E Columbia Avenue
- SE High School Way
- SE Maple Street
- Havlik Drive

Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles

Planning Level Countermeasure Cost: ~$1,000 per intersection

Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ Scappoose Vernonia Highway ▸ SE Em Watt Road	▸ E Columbia Avenue ▸ SE High School Way	▸ SE Maple Street ▸ Havlik Drive
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *right-turning* vehicles		
Planning Level Countermeasure Cost: ~$7,000 per intersection		
Countermeasure: Prohibit Right-Turn-On-Red		
Countermeasure: Install Intersection Crossing Markings	**ARTS #:** NA[1]	**CRF:** 39[2]
Potential Intersection Locations:		
▸ Intersections along US30 with approaching bicycle facilities		
Note: Only install in partnership with B18, BP19 or BP20		
Potential Affected Risk Factor and/or Conflict: Turning vehicles vs. bicycles		
Planning Level Countermeasure Cost: $50,000 per intersection		
Countermeasure: Install Bike Lanes	**ARTS #:** BP18	**CRF:** 36
Potential Segment Locations:		
▸ Segments of US 30 lacking bicycle facilities (minor)		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: Based on review of satellite imagery, lacking bicycle facilities appear to be located only in turn pockets along US 30.*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $124,000 per 1,000 feet (one side)		

1. Countermeasure not identified as part of ODOT ARTS program.
2. CRF and cost estimate derived from BP5: Install Urban Green Bike Lanes at Conflict Points

Countermeasure: Install Bike Box at Conflict Points	**ARTS #:** BP6	**CRF:** 35
Potential Intersection Locations (Signalized):		
▸ Scappoose Vernonia Highway ▸ SE Em Watt Road	▸ SE High School Way ▸ E Columbia Avenue	▸ Havlik Drive ▸ SE Maple Street
Note: Countermeasure recommended only if BP18, BP19 or BP20 present		
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *all-turning* vehicles		
Planning Level Countermeasure Cost: $9,5000 (per approach)		
Countermeasure: Install Cycle Track	**ARTS #:** BP19	**CRF:** 47
Potential Segment Locations:		
▸ Segments of US 30 with existing bike lanes (most) and segments lacking bicycle facilities (minor)		
*Note: Only **one** of BP19 or BP20 are recommended to be installed at a given location* *Note: Protected intersection features should be considered at intersections with heavy turning volumes*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $269,000 per 1,000 feet (one side)		
Countermeasure: Install Buffered Bike Lane	**ARTS #:** BP20	**CRF:** 36
Potential Segment Locations:		
▸ Segments of US 30 with existing bike lanes (most) and segments lacking bicycle facilities (minor)		
*Note: Only **one** of BP19 or BP20 are recommended to be installed at a given location*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $247,000 per 1,000 feet (one side)		

Countermeasure: Install Urban Green Bike Lanes at Conflict Points	**ARTS #:** BP5	**CRF:** 39
Potential Segment Locations:		
▸ Driveway access points along US 30 Boulevard with high-volume driveways		
Note: Countermeasure to be completed in conjunction with BP18, BP 19, or BP20		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $10,000 per 100 feet (one side)		
Countermeasure: Access Management (>48 per Mile to 26-48 per Mile)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
▸ Segments of US 30 with high levels of commercial access (majority of corridor)		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. bicycle crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[1]		

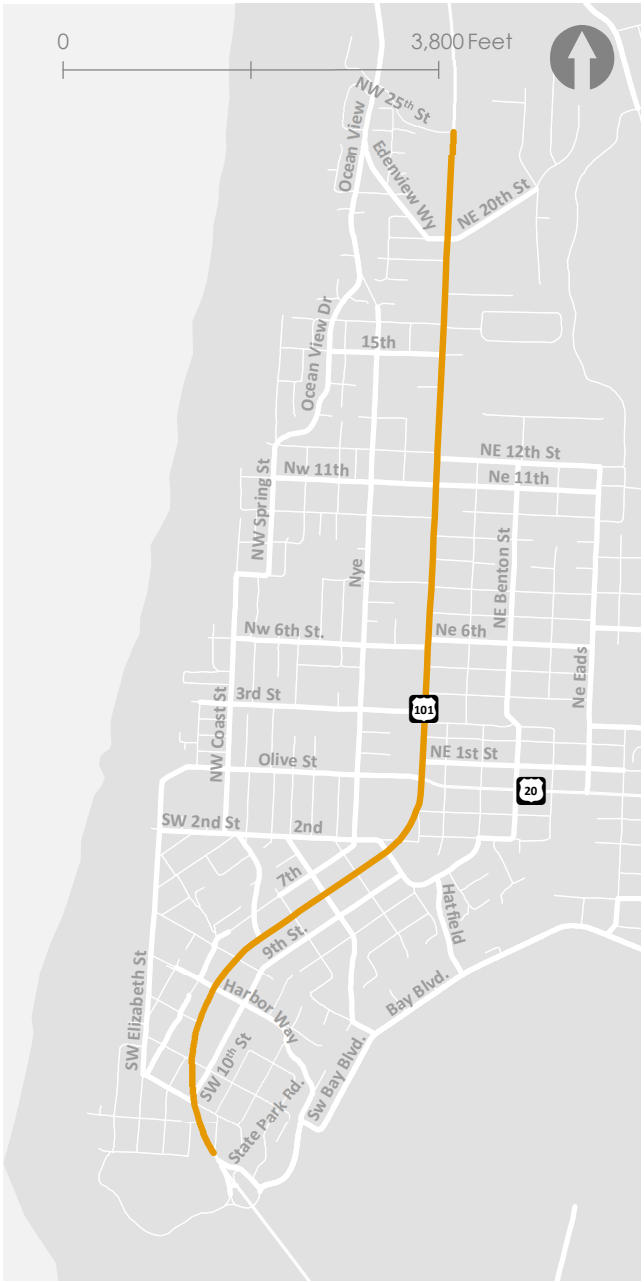
1. Cost specific to context and number of access points.

5: Oregon Coast Highway (US101), NW 25th Street to SW 10th Street – Newport

Context: Urban	**ODOT Region:** 2	**Length:** 2.16 miles

Project Location

From Street: NW 25th Street (MP: 139. 11)	**To Street:** SW 10th Street (MP: 141.28)





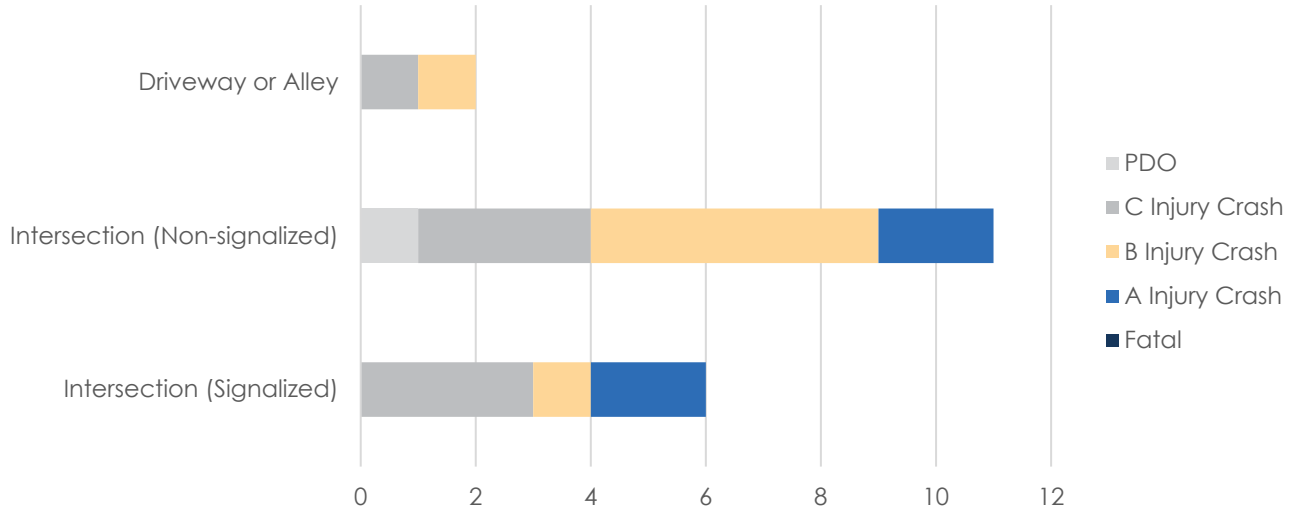




5: Oregon Coast Highway (US101), NW 25th Street to SW 10th Street – Newport

Crash History (2007 – 2017)

19 Total Crashes (Bicyclist Involved)



Risk Factors Present:

- Principal Arterial **– ALL**
- Urban Minor Arterial **– NONE**
- Number of Lanes (>= 4 Lanes) **– ALL**
- Posted Speed (>=35 mph) **– MOST**
- No Bike Lane **– ALL**
- Mixed-Use Zoning **– NONE**
- High-Access Density (>80 driveways per mile) **– MOST**
- Proximity to Schools (1 Mile) **– PARTIAL**
- Proximity to Transit Stops (1/4 Mile) **– ALL**

Risk Score (Rank): 6.662 (Second 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Bicycle Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- NW 25th Street
- NW 6th Street
- NW 20th Street
- Corvallis Newport Highway
- NW 11th Street
- SW Hurbert Street

Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Prohibit Right-Turn-On-Red		**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):			
▸ NW 25th Street	▸ NW 20th Street	▸ NW 11th Street	
▸ NW 6th Street	▸ Corvallis Newport Highway	▸ SW Hurbert Street	
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles at signalized intersections			
Planning Level Countermeasure Cost: ~$7,000/intersection			
Countermeasure: Install Intersection Crossing Markings		**ARTS #:** NA[1]	**CRF:** 39[2]
Potential Intersection Locations:			
▸ Intersections along US101 with approaching bicycle facilities			
Note: Only install in partnership with B18, BP19 or BP20			
Potential Affected Risk Factor and/or Conflict: Turning vehicles vs. bicycles			
Planning Level Countermeasure Cost: $50,000 per intersection			
Countermeasure: Install Rectangular Rapid Flashing Beacon with Median (3-Lane or More Roadway)		**ARTS #:** BP10	**CRF:** 56[3]
Potential Midblock / Unsignalized Crossing Locations *without* existing medians:			
▸ Approximately 150 feet south of NE 8th Street			
Potential Affected Risk Factor and/or Conflict: Midblock/unsignalized bicycle crossings vs. vehicles			
Planning Level Countermeasure Cost: $173,000 per location			

1. Countermeasure not identified as part of ODOT ARTS program.
2. CRF and cost estimate derived from BP5: Install Urban Green Bike Lanes at Conflict Points
3. CRF is for vehicle-pedestrian crashes. It is assumed that a similar reduction would apply to bicyclists crossing midblock similar to pedestrians. NCHRP Research Report 926 notes these beacons are useful for bicycles as well.

Countermeasure: Install Bicycle Boulevard	**ARTS #:** BP23	**CRF:** 63
Potential Segment Locations:		
▸ This countermeasure should be implemented on a direct parallel route of US 101 if one can be found that provides for longer-distance trips by bicycle.		
Note: A parallel route may not provide adequate access to local businesses on US 101		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $425,000 per 1000 feet		
Countermeasure: Install Bike Lanes	**ARTS #:** BP18	**CRF:** 36
Potential Segment Locations:		
▸ Segments of US101 lacking bicycle facilities (all)		
*Note: Only **one** of BP18, BP19, or BP20 are recommended to be installed at a given location* *Note: When right-of-way is constrained, consider low volume parallel routes if near by* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $124,000 per 1,000 feet (one side)		
Countermeasure: Install Cycle Track	**ARTS #:** BP19	**CRF:** 47
Potential Segment Locations:		
▸ Segments of US101 with existing bike lanes (all)		
*Note: Only **one** of BP18, BP19, or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities* *Note: Protected intersection features should be considered at intersections with heavy turning volumes* *Note: When right-of-way is constrained, consider low volume parallel routes if near by*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $269,000 per 1,000 feet (one side)		

Countermeasure: Install Buffered Bike Lane	**ARTS #:** BP20	**CRF:** 36
Potential Segment Locations:		
▸ Segments of US101 with existing bike lanes (all)		
*Note: Only **one** of BP18, BP19, or BP20 are recommended to be installed at a given location* *Note: When right-of-way is constrained, consider low volume parallel routes if near by* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $247,000 per 1,000 feet (one side)		
Countermeasure: Install Bike Box at Conflict Points	**ARTS #:** BP6	**CRF:** 35
Potential Intersection Locations (Signalized):		
▸ NW 25th Street ▸ NW 6th Street	▸ NW 20th Street ▸ Corvallis Newport Highway	▸ NW 11th Street ▸ SW Hurbert Street
Note: Countermeasure recommended only if BP18, BP19 or BP20 present		
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *all-turning* vehicles		
Planning Level Countermeasure Cost: $9,5000 (per approach)		
Countermeasure: Install Urban Green Bike Lanes at Conflict Points	**ARTS #:** BP5	**CRF:** 39
Potential Segment Locations:		
▸ Driveway access points along US 101 with high-volume driveways		
Note: Countermeasure to be completed in conjunction with BP18, BP 19, or BP20		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $10,000 per 100 feet (one side)		
Countermeasure: Access Management (>48 per Mile to 26-48 per Mile)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
▸ Segments of US 101 with high levels of commercial access (majority of corridor)		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. bicycle crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[1]		

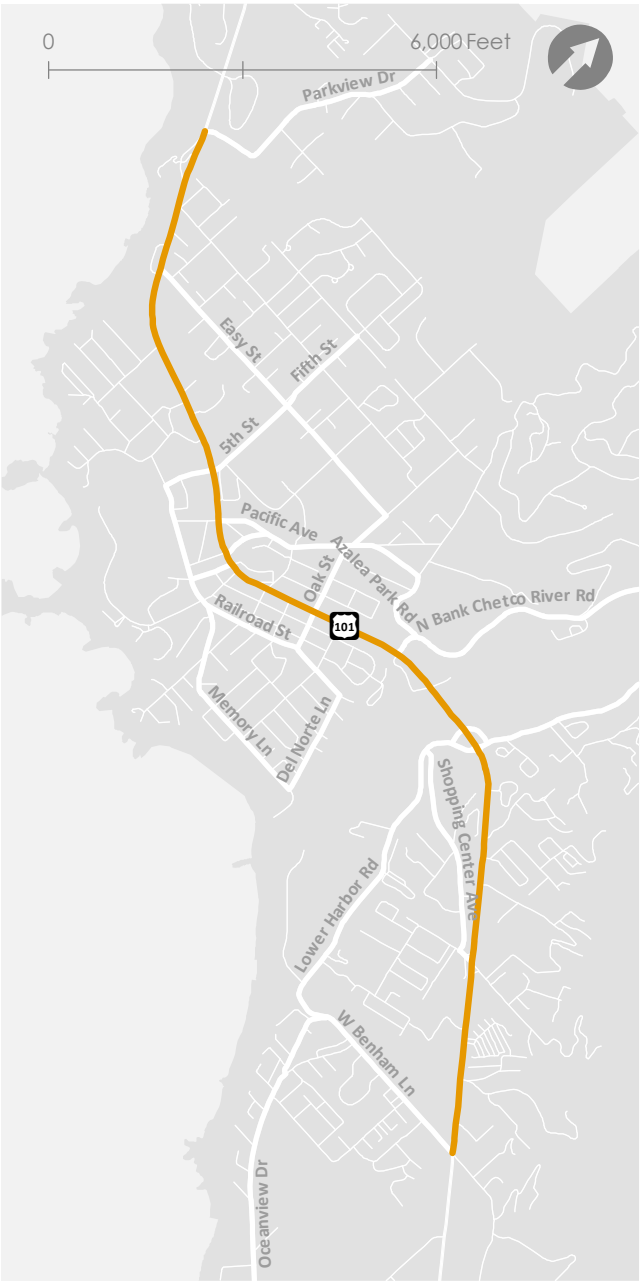
1. Cost specific to context and number of access points.

6: Oregon Coast Highway (US101), Parkview Drive to E Benham Lane – Brookings

Context: Urban	**ODOT Region:** 3	**Length:** 3.45 miles

Project Location

From Street: Parkview Drive (MP: 355.87)	**To Street:** E Benham Lane (MP: 3590.32)





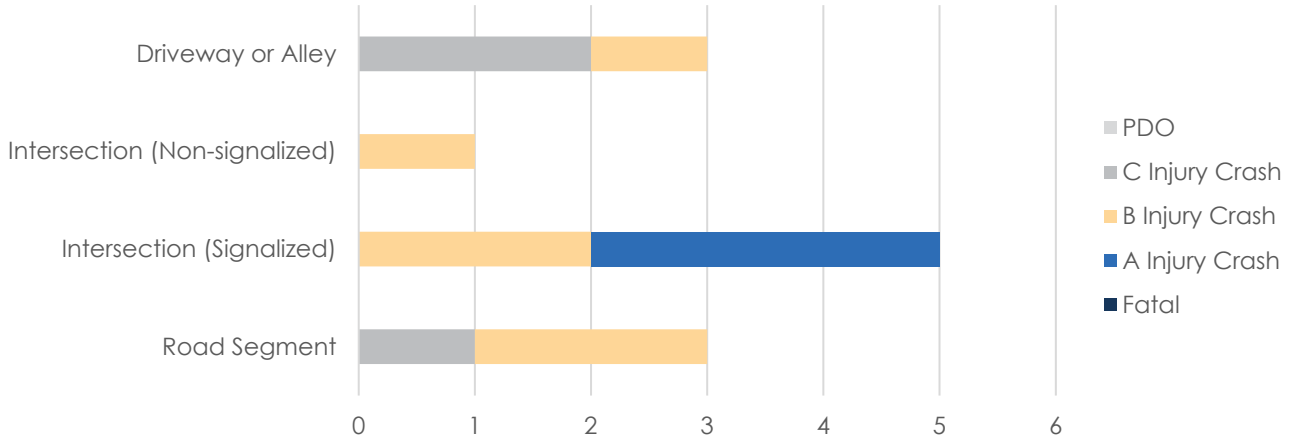




6: Oregon Coast Highway (US101), Parkview Drive to E Benham Lane – Brookings

Crash History (2007 – 2017)

12 Total Crashes (Bicyclist Involved)



Risk Factors Present:

- Principal Arterial **– ALL**
- Urban Minor Arterial **– NONE**
- Number of Lanes (>= 4 Lanes) **– MOST**
- Posted Speed (>=35 mph) **– MOST**
- No Bike Lane **– MOST**
- Mixed-Use Zoning **– NONE**
- High-Access Density (>80 driveways per mile) **– MOST**
- Proximity to Schools (1 Mile) **– MOST**
- Proximity to Transit Stops (1/4 Mile) **– PARTIAL**

Risk Score (Rank): 5.989 (Second 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Bicycle Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- 5th Street
- N Bank Chetco River Road
- E Benham Lane
- Center Street
- Zimmerman Lane
- Oak Street
- E Hoffeldt Lane

Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

6: Oregon Coast Highway (US101), Parkview Drive to E Benham Lane – Brookings		
Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ 5th Street ▸ N Bank Chetco River Road ▸ E Benham Lane	▸ Center Street ▸ Zimmerman Lane	▸ Oak Street ▸ E Hoffeldt Lane
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles at signalized intersections		
Planning Level Countermeasure Cost: ~$7,000/intersection		
Countermeasure: Provide Protected Left-Turn Phase	**ARTS #:** N/A[1]	**CRF:** 31
Potential Intersection Locations (Signalized):		
▸ N Bank Chetco River Road		
Potential Affected Risk Factor and/or Conflict: Bicycle vs. turning vehicle at four-leg signalized intersections		
Planning Level Countermeasure Cost: Cost varies based on existing signal equipment and intersection condition.		
Countermeasure: Install Rectangular Rapid Flashing Beacon without Median (3-Lane or More Roadway)	**ARTS #:** BP9	**CRF:** 10[2]
Potential Midblock / Unsignalized Crossing Locations *with* existing median:		
▸ Pacific Avenue (east leg)		
Potential Affected Risk Factor and/or Conflict: Midblock/unsignalized bicycle crossings vs. vehicles		
Planning Level Countermeasure Cost: $69,000		

1. Countermeasure not identified as part of ODOT ARTS program.
2. CRF is for vehicle-pedestrian crashes. It is assumed that a similar reduction would apply to bicyclists crossing midblock similar to pedestrians. NCHRP Research Report 926 notes these beacons are useful for bicycles as well

Countermeasure: Provide Intersection Lighting	**ARTS #:** BP2	**CRF:** 42
Potential Intersection Locations:		
▸ Oak Street (partial lighting provided) ▸ Center Street ▸ Pacific Avenue		
Potential Affected Risk Factor and/or Conflict: Bicycle crossing vs. vehicles at night		
Planning Level Countermeasure Cost: ~$8,000 per intersection		
Countermeasure: Install Intersection Crossing Markings	**ARTS #:** NA[1]	**CRF:** 39[2]
Potential Intersection Locations:		
▸ Intersections along US101 with approaching bicycle facilities		
Note: Only install in partnership with B18, BP19 or BP20		
Potential Affected Risk Fac tor and/or Conflict: Turning vehicles vs. bicycles		
Planning Level Countermeasure Cost: $50,000 per intersection		
Countermeasure: Install Rectangular Rapid Flashing Beacon with Median (3-Lane or More Roadway)	**ARTS #:** BP10	**CRF:** 56[3]
Potential Midblock / Unsignalized Crossing Locations *without* existing medians:		
▸ Fern Avenue ▸ Willow Street ▸ Court Street		
Potential Affected Risk Factor and/or Conflict: Midblock/unsignalized bicycle crossings vs. vehicles		
Planning Level Countermeasure Cost: $173,000 per location		
Countermeasure: Install Bike Lanes	**ARTS #:** BP18	**CRF:** 36
Potential Segment Locations:		
▸ Segments of US101 lacking bicycle facilities (most)		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $124,000 per 1,000 feet (one side)		

1. Countermeasure not identified as part of ODOT ARTS program.
2. CRF and cost estimate derived from BP5: Install Urban Green Bike Lanes at Conflict Points
3. CRF is for vehicle-pedestrian crashes. It is assumed that a similar reduction would apply to bicyclists crossing midblock similar to pedestrians. NCHRP Research Report 926 notes these beacons are useful for bicycles as well.

Countermeasure: Install Cycle Track	**ARTS #:** BP19	**CRF:** 47
Potential Segment Locations:		
▸ Segments of US101 with existing bike lanes (most)		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities* *Note: Protected intersection features should be considered at intersections with heavy turning volumes*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $269,000 per 1,000 feet (one side)		
Countermeasure: Install Buffered Bike Lane	**ARTS #:** BP20	**CRF:** 36
Potential Segment Locations:		
▸ Segments of US101 with existing bike lanes (most)		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $247,000 per 1,000 feet (one side)		
Countermeasure: Install Urban Green Bike Lanes at Conflict Points	**ARTS #:** BP5	**CRF:** 39
Potential Segment Locations:		
▸ Driveway access points along US 101 with high-volume driveways		
Note: Countermeasure to be completed in conjunction with BP18, BP 19, or BP20		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $10,000 per 100 feet (one side)		
Countermeasure: Access Management (>48 per Mile to 26-48 per Mile)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
▸ Segments of US101 with high levels of commercial access (majority of corridor)		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. bicycle crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[1]		

1.Cost specific to context and number of access points.

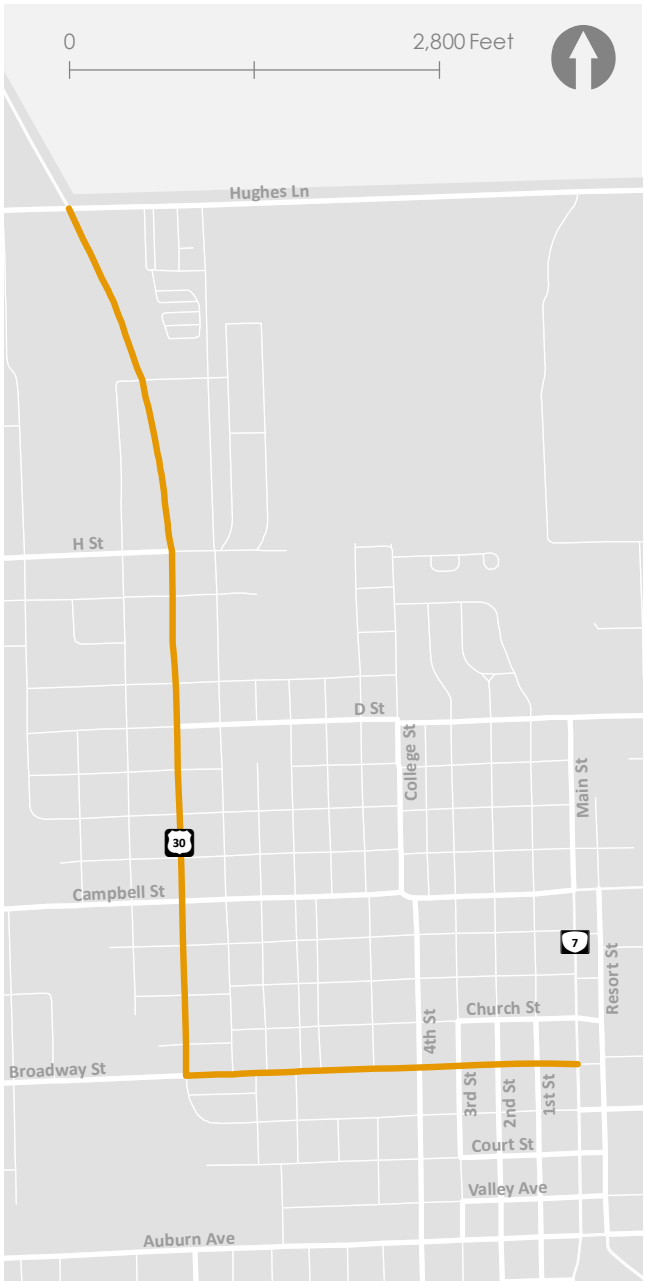
<table>
<tr><td colspan="2">Countermeasure: Install Bike Box at Conflict Points</td><td>ARTS #: BP6</td><td>CRF: 35</td></tr>
<tr><td colspan="4">Potential Intersection Locations (Signalized):</td></tr>
<tr><td colspan="2">▸ 5th Street
▸ N Bank Chetco River Road
▸ E Benham Lane</td><td>▸ Center Street
▸ Zimmerman Lane</td><td>▸ Oak Street
▸ E Hoffeldt Lane</td></tr>
<tr><td colspan="4">Note: Countermeasure recommended only if BP18, BP19 <u>or</u> BP20 present</td></tr>
<tr><td colspan="4">Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. <u>all-turning</u> vehicles</td></tr>
<tr><td colspan="4">Planning Level Countermeasure Cost: $9,5000 (per approach)</td></tr>
</table>

7: La Grande – Baker Highway (US 30), Hughes Lane to Main Street – Baker City

Context: Urban	**ODOT Region:** 5	**Length:** 1.83 miles

Project Location

From Street: Pocahontas Road (MP: 49.95)	**To Street:** Main Street (MP: 51.79)





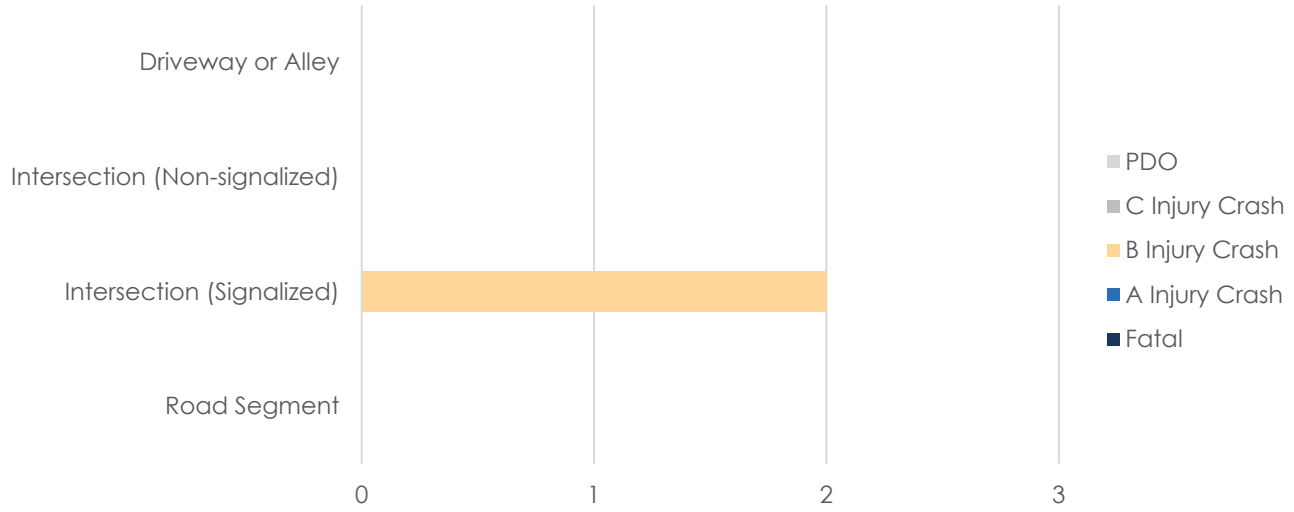




7: La Grande – Baker Highway (US 30), Hughes Lane to Main Street – Baker City

Crash History (2007 – 2017)

2 Total Crashes (Bicyclist Involved)



Risk Factors Present:

- Principal Arterial **– NONE**
- Urban Minor Arterial **– ALL**
- Number of Lanes (>= 4 Lanes) **– MOST**
- Posted Speed (>=35 mph) **– MOST**
- No Bike Lane **– ALL**
- Mixed-Use Zoning **– NONE**
- High-Access Density (>80 driveways per mile) **– MOST**
- Proximity to Schools (1 Mile) **– ALL**
- Proximity to Transit Stops (1/4 Mile) **– MOST**

Risk Score (Rank): 6.409 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Bicycle Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- Campbell Street
- Main Street
- 4th Street
- 2nd Street

Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ Campbell Street ▸ Main Street	▸ 4th Street ▸ 2nd Street	
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles at signalized intersections		
Planning Level Countermeasure Cost: ~$7,000/intersection		
Countermeasure: Provide Protected Left-Turn Phase	**ARTS #:** N/A[1]	**CRF:** 31
Potential Intersection Locations (Signalized):		
▸ Main Street		
Potential Affected Risk Factor and/or Conflict: Bicycle vs. turning vehicle at four-leg signalized intersections		
Planning Level Countermeasure Cost: Cost varies based on existing signal equipment and intersection condition.		
Countermeasure: Install Rectangular Rapid Flashing Beacon with Median (3-Lane or More Roadway)	**ARTS #:** BP10	**CRF:** 56[2]
Potential Midblock / Unsignalized Crossing Locations *without* existing medians:		
▸ H Street ▸ 6th Street	▸ E Street (transit stop) ▸ Madison Street	▸ C Street ▸ 8th Street
Potential Affected Risk Factor and/or Conflict: Midblock/unsignalized bicycle crossings vs. vehicles		
Planning Level Countermeasure Cost: $173,000 per location		

1.Countermeasure not identified as part of ODOT ARTS program.
2. CRF is for vehicle-pedestrian crashes. It is assumed that a similar reduction would apply to bicyclists crossing midblock similar to pedestrians. NCHRP Research Report 926 notes these beacons are useful for bicycles as well.

Countermeasure: Convert 4-Lane Roadway to 3-Lane Roadway with Center Turn Lane (Road Diet)	**ARTS #:** BP16	**CRF:** 29
Potential Segment Locations:		
▸ US 30 from H Street to Main Street		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $193,000 per 1,000 feet		
Countermeasure: Install Bike Box at Conflict Points	**ARTS #:** BP6	**CRF:** 35
Potential Intersection Locations (Signalized):		
▸ Campbell Street ▸ Main Street	▸ 4th Street ▸ 2nd Street	
Note: Countermeasure recommended only if BP18, BP19 or BP20 present		
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *all-turning* vehicles		
Planning Level Countermeasure Cost: $9,5000 (per approach)		
Countermeasure: Install Intersection Crossing Markings	**ARTS #:** NA[1]	**CRF:** 39[2]
Potential Intersection Locations:		
▸ Intersections along US30 with approaching bicycle facilities		
Note: Only install in partnership with B18, BP19 or BP20		
Potential Affected Risk Fac tor and/or Conflict: Turning vehicles vs. bicycles		
Planning Level Countermeasure Cost: $50,000 per intersection		
Countermeasure: Install Bike Lanes	**ARTS #:** BP18	**CRF:** 36
Potential Segment Locations:		
▸ Segments of US30 lacking bicycle facilities (all)		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities – see BP16*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $124,000 per 1,000 feet (one side)		

1. Countermeasure not identified as part of ODOT ARTS program.
2. CRF and cost estimate derived from BP5: Install Urban Green Bike Lanes at Conflict Points

Countermeasure: Install Cycle Track	**ARTS #:** BP19	**CRF:** 47
Potential Segment Locations:		
▸ Segments of US30 with existing bike lanes (all)		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities – see BP16* *Note: Protected intersection features should be considered at intersections with heavy turning volumes*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $269,000 per 1,000 feet (one side)		
Countermeasure: Install Buffered Bike Lane	**ARTS #:** BP20	**CRF:** 36
Potential Segment Locations:		
▸ Segments of US30 with existing bike lanes (all)		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities – see BP16*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $247,000 per 1,000 feet (one side)		
Countermeasure: Install Urban Green Bike Lanes at Conflict Points	**ARTS #:** BP5	**CRF:** 39
Potential Segment Locations:		
▸ Driveway access points along US 30 with high-volume driveways		
Note: Countermeasure to be completed in conjunction with BP18, BP 19, or BP20		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $10,000 per 100 feet (one side)		
Countermeasure: Access Management (>48 per Mile to 26-48 per Mile)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
▸ Segments of US30with high levels of commercial access (majority of corridor)		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. bicycle crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[1]		

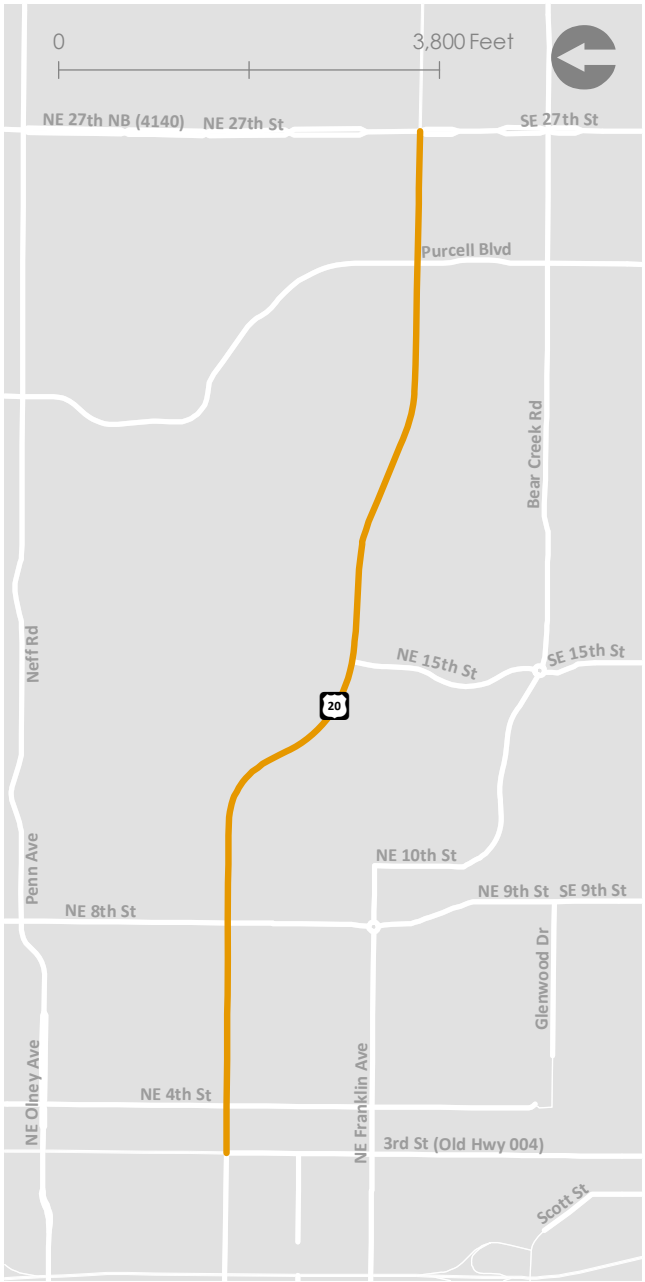
1. Cost specific to context and number of access points.

8: Central Oregon Highway (US20), NE 3rd Street to SE 27th Street – Bend

Context: Urban	**ODOT Region:** 4	**Length:** 2.05 miles

Project Location

From Street: NE 3rd Street (MP: 0.51)	**To Street:** SE 27th Street (MP: 2.55)





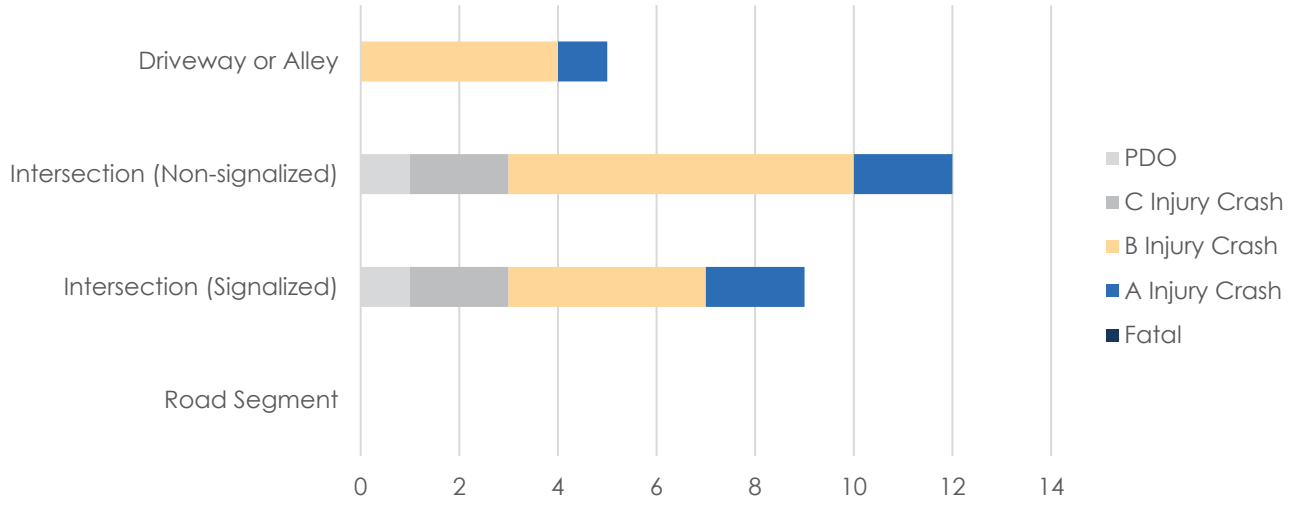




8: Central Oregon Highway (US20), NE 3rd Street to SE 27th Street – Bend

Crash History (2007 – 2017)

26 Total Crashes (Bicyclist Involved)



Risk Factors Present:

- Principal Arterial **– ALL**
- Urban Minor Arterial **– NONE**
- Number of Lanes (>= 4 Lanes) **– ALL**
- Posted Speed (>=35 mph) **– ALL**
- No Bike Lane **– NONE**
- Mixed-Use Zoning **– NONE**
- High-Access Density (>80 driveways per mile) **– MINOR**
- Proximity to Schools (1 Mile) **– PARTIAL**
- Proximity to Transit Stops (1/4 Mile) **– ALL**

Risk Score (Rank): 5.724 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Bicycle Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- NE 3rd Street
- NE Purcell Boulevard
- NE 8th Street
- NE 27th Street
- SE 15th Street

Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Install Intersection Crossing Markings	**ARTS #:** NA[1]	**CRF:** 39[2]
Potential Intersection Locations:		
▸ Intersections along US20 with approaching bicycle facilities		
Potential Affected Risk Fac tor and/or Conflict: Turning vehicles vs. bicycles		
Planning Level Countermeasure Cost: $50,000 per intersection		
Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ NE 3rd Street ▸ NE Purcell Boulevard	▸ NE 8th Street ▸ NE 27th Street	▸ SE 15th Street
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles at signalized intersections		
Planning Level Countermeasure Cost: ~$7,000/intersection		
Countermeasure: Provide Protected Left-Turn Phase	**ARTS #:** N/A[1]	**CRF:** 31
Potential Intersection Locations (Signalized):		
▸ NE 8th Street		
Potential Affected Risk Factor and/or Conflict: Bicycle vs. turning vehicle at four-leg signalized intersections		
Planning Level Countermeasure Cost: Cost varies based on existing signal equipment and intersection condition.		

1. Countermeasure not identified as part of ODOT ARTS program.
2. CRF and cost estimate derived from BP5: Install Urban Green Bike Lanes at Conflict Points

Countermeasure: Install Rectangular Rapid Flashing Beacon without Median (3-Lane or More Roadway)	**ARTS #:** BP9	**CRF:** 10[1]
Potential Midblock / Unsignalized Crossing Locations *with* existing median:		
▸ NE Arnett Avenue		
Potential Affected Risk Factor and/or Conflict: Midblock/unsignalized bicycle crossings vs. vehicles		
Planning Level Countermeasure Cost: $69,000		
Countermeasure: Install Cycle Track	**ARTS #:** BP19	**CRF:** 47
Potential Segment Locations:		
▸ Segments of US20 with existing bike lanes (all)		
*Note: Only **one** of BP19 or BP20 are recommended to be installed at a given location* *Note: Protected intersection features should be considered at intersections with heavy turning volumes*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $269,000 per 1,000 feet (one side)		
Countermeasure: Install Buffered Bike Lane	**ARTS #:** BP20	**CRF:** 36
Potential Segment Locations:		
▸ Segments of US20 with existing bike lanes (all)		
*Note: Only **one** of BP19 or BP20 are recommended to be installed at a given location*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $247,000 per 1,000 feet (one side)		
Countermeasure: Install Urban Green Bike Lanes at Conflict Points	**ARTS #:** BP5	**CRF:** 39
Potential Segment Locations:		
▸ Driveway access points along US 20 with high-volume driveways		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $10,000 per 100 feet (one side)		

1. CRF is for vehicle-pedestrian crashes. It is assumed that a similar reduction would apply to bicyclists crossing midblock similar to pedestrians. NCHRP Research Report 926 notes these beacons are useful for bicycles as well

Countermeasure: Install Bike Box at Conflict Points	**ARTS #:** BP6	**CRF:** 35
Potential Intersection Locations (Signalized):		
▸ NE 3rd Street ▸ NE Purcell Boulevard	▸ NE 8th Street ▸ NE 27th Street	▸ SE 15th Street
Note: Countermeasure recommended only if BP18, BP19 or BP20 present		
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *all-turning* vehicles		
Planning Level Countermeasure Cost: $9,5000 (per approach)		
Countermeasure: Access Management (>48 per Mile to 26-48 per Mile)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
▸ Segments of US20 with high levels of commercial access (majority of corridor)		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. bicycle crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[1]		
Countermeasure: Install Rectangular Rapid Flashing Beacon with Median (3-Lane or More Roadway)	**ARTS #:** BP10	**CRF:** 56[2]
Potential Midblock / Unsignalized Crossing Locations *without* existing medians:		
▸ NE 6th Street or NE 5th Street	▸ Dean Swift Road	▸ NE 10th Street
Potential Affected Risk Factor and/or Conflict: Midblock/unsignalized bicycle crossings vs. vehicles		
Planning Level Countermeasure Cost: $173,000 per location		

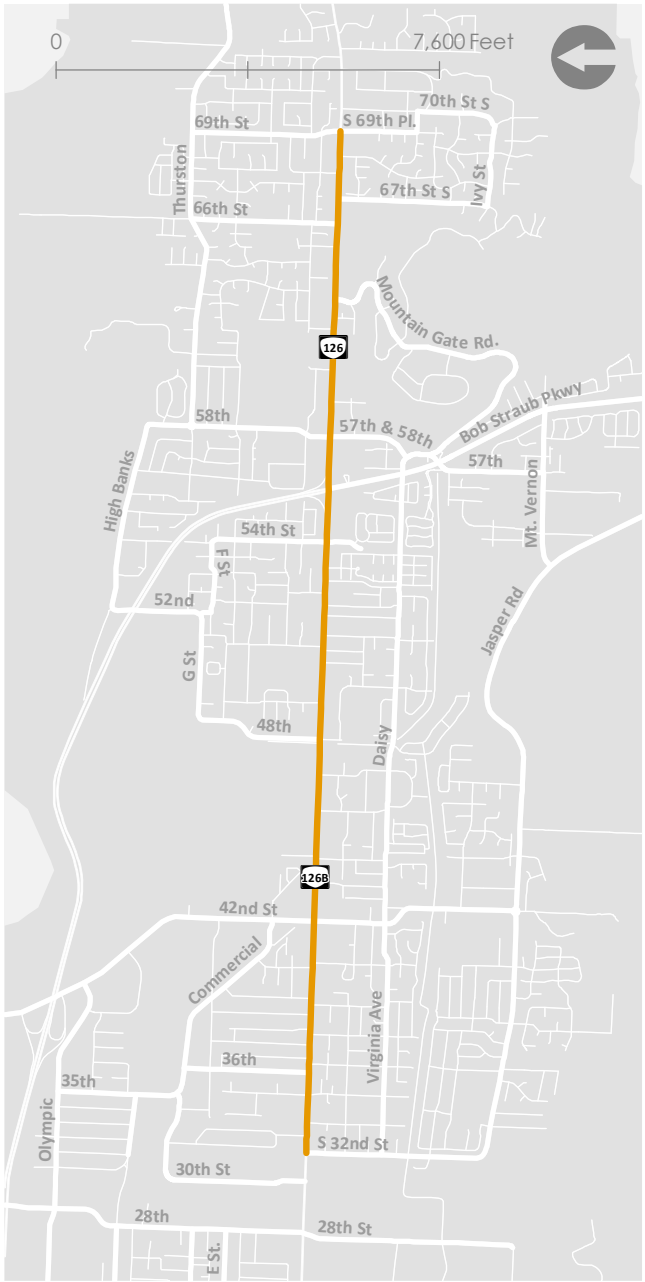
1. Cost specific to context and number of access points.
2. CRF is for vehicle-pedestrian crashes. It is assumed that a similar reduction would apply to bicyclists crossing midblock similar to pedestrians. NCHRP Research Report 926 notes these beacons are useful for bicycles as well.

9: McKenzie Highway (OR 126), S 32nd Street to 69th Place – Springfield

Context: Urban	**ODOT Region:** 2	**Length:** 3.83 miles

Project Location

From Street: S 32nd Street (MP: 3.73)	**To Street:** 69th Street (MP: 7.57)





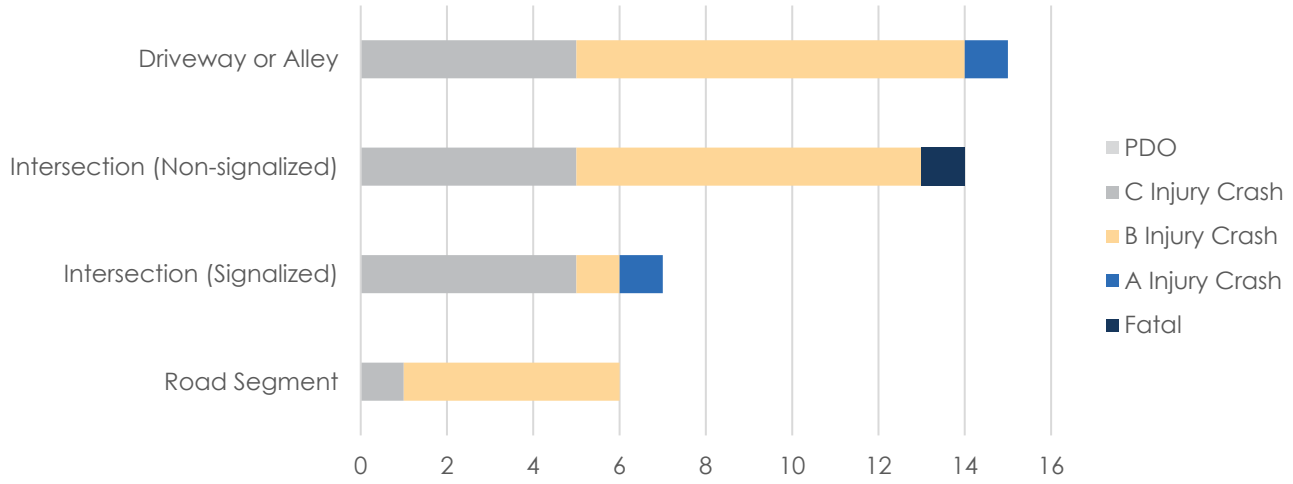




9: McKenzie Highway (OR 126), S 32nd Street to 69th Place – Springfield

Crash History (2007 – 2017)

42 Total Crashes (Bicyclist Involved)



Risk Factors Present:

- Principal Arterial **– MOST**
- Urban Minor Arterial **– NONE**
- Number of Lanes (>= 4 Lanes) **– MOST**
- Posted Speed (>=35 mph) **– MOST**
- No Bike Lane **– NONE**
- Mixed-Use Zoning **– NONE**
- High-Access Density (>80 driveways per mile) **– PARTIAL**
- Proximity to Schools (1 Mile) **– ALL**
- Proximity to Transit Stops (1/4 Mile) **– ALL**

Risk Score (Rank): 6.360 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Bicycle Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- S 32nd Street
- Bob Straub Parkway
- S 42nd Avenue
- S 58th Street
- S 54th Street
- S 69th Street

Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ S 32nd Street ▸ Bob Straub Parkway	▸ S 42nd Avenue ▸ S 58th Street	▸ S 54th Street ▸ S 69th Street
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles at signalized intersections		
Planning Level Countermeasure Cost: ~$7,000/intersection		
Countermeasure: Provide Protected Left-Turn Phase	**ARTS #:** N/A[1]	**CRF:** 31
Potential Intersection Locations (Signalized):		
▸ S 69th Street		
Potential Affected Risk Factor and/or Conflict: Bicycle vs. turning vehicle at four-leg signalized intersections		
Planning Level Countermeasure Cost: Cost varies based on existing signal equipment and intersection condition.		
Countermeasure: Install Rectangular Rapid Flashing Beacon with Median (3-Lane or More Roadway)	**ARTS #:** BP10	**CRF:** 56[2]
Potential Midblock / Unsignalized Crossing Locations *without* existing medians:		
▸ 60th Place (transit stop ~ 80 feet east of intersection) ▸ Mountaingate Drive (transit stop ~250 feet east of intersection) ▸ Midblock between 65th and 66th Street (transit stop)		
Potential Affected Risk Factor and/or Conflict: Midblock/unsignalized bicycle crossings vs. vehicles		
Planning Level Countermeasure Cost: $173,000 per location		

1.Countermeasure not identified as part of ODOT ARTS program.
2. CRF is for vehicle-pedestrian crashes. It is assumed that a similar reduction would apply to bicyclists crossing midblock similar to pedestrians. NCHRP Research Report 926 notes these beacons are useful for bicycles as well.

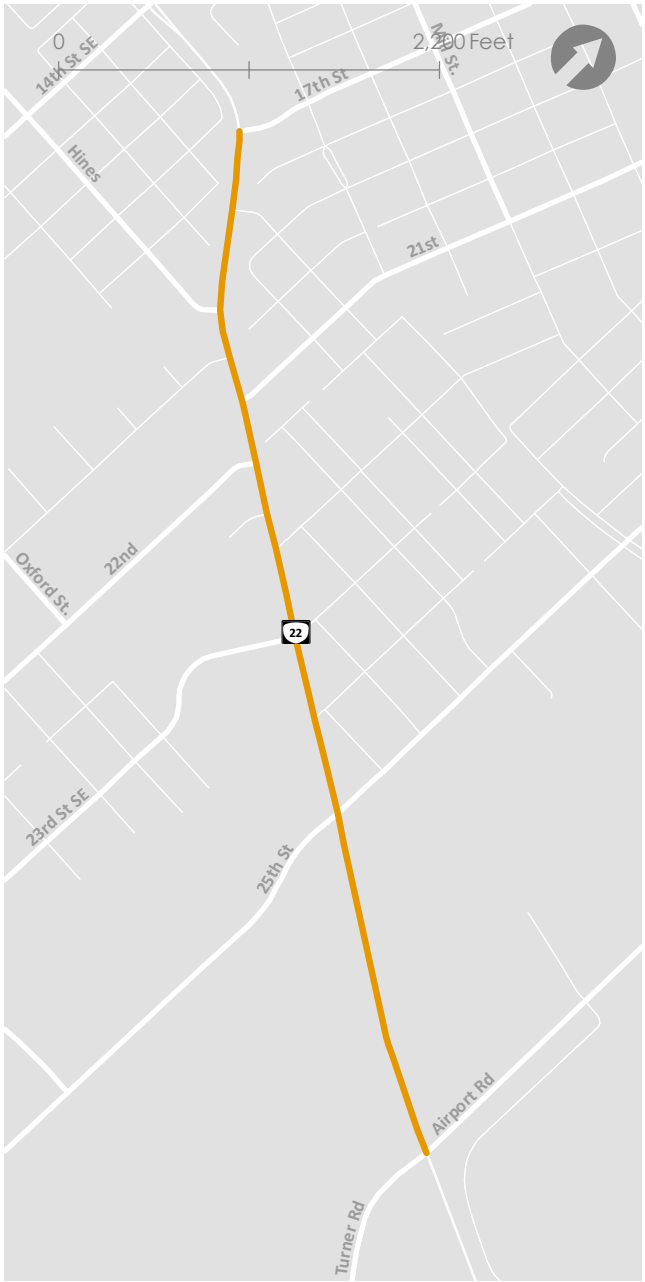
Countermeasure: Install Intersection Crossing Markings	**ARTS #:** NA[1]	**CRF:** 39[2]
Potential Intersection Locations:		
▸ Intersections along OR126 with approaching bicycle facilities		
Potential Affected Risk Fac tor and/or Conflict: Turning vehicles vs. bicycles		
Planning Level Countermeasure Cost: $50,000 per intersection		
Countermeasure: Install Cycle Track	**ARTS #:** BP19	**CRF:** 47
Potential Segment Locations:		
▸ Segments of OR126 with existing bike lanes (all)		
*Note: Only **one** of BP19 or BP20 are recommended to be installed at a given location* *Note: Protected intersection features should be considered at intersections with heavy turning volumes*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $269,000 per 1,000 feet (one side)		
Countermeasure: Install Buffered Bike Lane	**ARTS #:** BP20	**CRF:** 36
Potential Segment Locations:		
▸ Segments of OR126 with existing bike lanes (all)		
*Note: Only **one** of BP19 or BP20 are recommended to be installed at a given location*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $247,000 per 1,000 feet (one side)		
Countermeasure: Install Urban Green Bike Lanes at Conflict Points	**ARTS #:** BP5	**CRF:** 39
Potential Segment Locations:		
▸ Driveway access points along OR126 with high-volume driveways		
Note: Countermeasure to be completed in conjunction with BP18, BP 19, or BP20		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $10,000 per 100 feet (one side)		

1. Countermeasure not identified as part of ODOT ARTS program.
2. CRF and cost estimate derived from BP5: Install Urban Green Bike Lanes at Conflict Points

Countermeasure: Install Bike Box at Conflict Points	**ARTS #:** BP6	**CRF:** 35
Potential Intersection Locations (Signalized):		
▸ S 32nd Street ▸ Bob Straub Parkway	▸ S 42nd Avenue ▸ S 58th Street	▸ S 54th Street ▸ S 69th Street
Note: Countermeasure recommended only if BP18, BP19 or BP20 present		
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *all-turning* vehicles		
Planning Level Countermeasure Cost: $9,5000 (per approach)		
Countermeasure: Access Management (>48 per Mile to 26-48 per Mile)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
▸ Segments of OR126 with high levels of commercial access (majority of corridor)		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. bicycle crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[1]		

1. Cost specific to context and number of access points.

10: Salem Highway (OR22), 17th Street SE to Airport Road SE – Salem		
Context: Urban	**ODOT Region:** 2	**Length:** 1.15 miles
Project Location		
From Street: 17th Street SE (MP: 6.77)	**To Street:** Airport Road SE (MP: 7.92)	





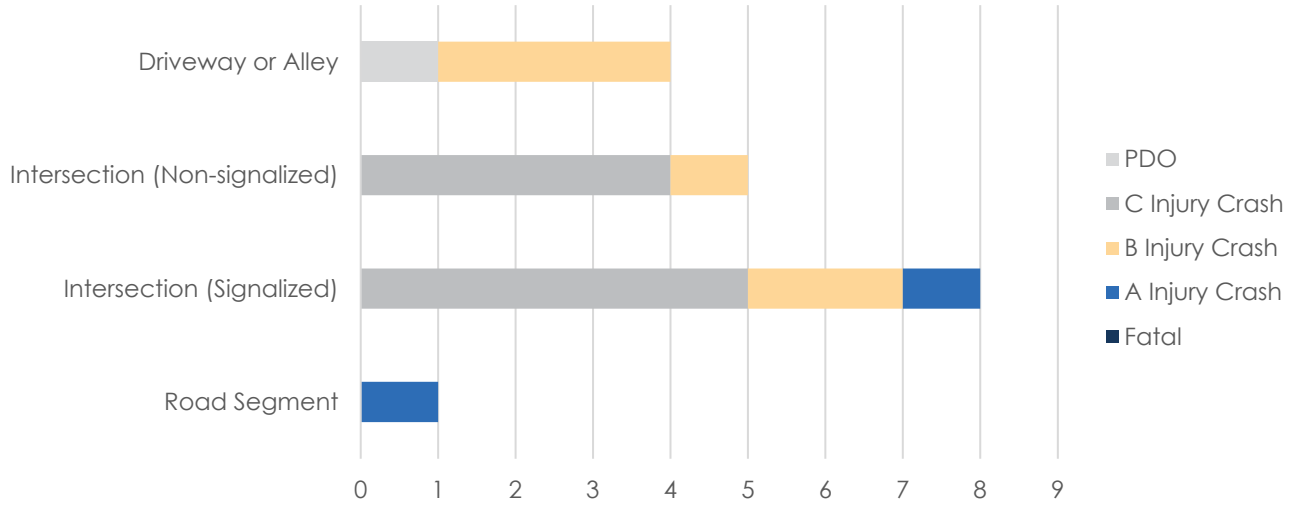




10: Salem Highway (OR22), 17th Street SE to Airport Road SE – Salem

Crash History (2007 – 2017)

18 Total Crashes (Bicyclist Involved)



Risk Factors Present:

- Principal Arterial **– ALL**
- Urban Minor Arterial **– NONE**
- Number of Lanes (>= 4 Lanes) **– ALL**
- Posted Speed (>=35 mph) **– ALL**
- No Bike Lane **– NONE**
- Mixed-Use Zoning **– NONE**
- High-Access Density (>80 driveways per mile) **– MOST**
- Proximity to Schools (1 Mile) **– ALL**
- Proximity to Transit Stops (1/4 Mile) **– ALL**

Risk Score (Rank): 6.371 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Bicycle Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- 17th Street SE
- Airport Road SE
- 22nd Street SE
- 25th Street SE

Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ 17th Street SE ▸ Airport Road SE	▸ 22nd Street SE ▸ 25th Street SE	
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles at signalized intersections		
Planning Level Countermeasure Cost: ~$7,000/intersection		
Countermeasure: Install Rectangular Rapid Flashing Beacon without Median (3-Lane or More Roadway)	**ARTS #:** BP9	**CRF:** 10[1]
Potential Midblock / Unsignalized Crossing Locations *with* existing median:		
▸ 23rd Street SE		
Potential Affected Risk Factor and/or Conflict: Midblock/unsignalized bicycle crossings vs. vehicles		
Planning Level Countermeasure Cost: $69,000		
Countermeasure: Install Rectangular Rapid Flashing Beacon with Median (3-Lane or More Roadway)	**ARTS #:** BP10	**CRF:** 56[1]
Potential Midblock / Unsignalized Crossing Locations *without* existing medians:		
▸ 20th Street SE	▸ Ford Street SE	
Potential Affected Risk Factor and/or Conflict: Midblock/unsignalized bicycle crossings vs. vehicles		
Planning Level Countermeasure Cost: $173,000 per location		

1. CRF is for vehicle-pedestrian crashes. It is assumed that a similar reduction would apply to bicyclists crossing midblock similar to pedestrians. NCHRP Research Report 926 notes these beacons are useful for bicycles as well.

Countermeasure: Install Cycle Track	**ARTS #:** BP19	**CRF:** 47
Potential Segment Locations:		
▸ Segments of OR22 with existing bike lanes (all)		
*Note: Only **one** of BP19 or BP20 are recommended to be installed at a given location* *Note: Protected intersection features should be considered at intersections with heavy turning volumes*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $269,000 per 1,000 feet (one side)		
Countermeasure: Install Buffered Bike Lane	**ARTS #:** BP20	**CRF:** 36
Potential Segment Locations:		
▸ Segments of OR22 with existing bike lanes (all)		
*Note: Only **one** of BP19 or BP20 are recommended to be installed at a given location*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $247,000 per 1,000 feet (one side)		
Countermeasure: Install Urban Green Bike Lanes at Conflict Points	**ARTS #:** BP5	**CRF:** 39
Potential Segment Locations:		
▸ Driveway access points along OR22 with high-volume driveways		
Note: Countermeasure to be completed in conjunction with BP18, BP 19, or BP20		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $10,000 per 100 feet (one side)		
Countermeasure: Access Management (>48 per Mile to 26-48 per Mile)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
▸ Segments of OR22 with high levels of commercial access (majority of corridor)		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. bicycle crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[1]		

1. Cost specific to context and number of access points.

Countermeasure: Install Bike Box at Conflict Points	**ARTS #:** BP6	**CRF:** 35
Potential Intersection Locations (Signalized):		
▸ 17th Street SE ▸ Airport Road SE	▸ 22nd Street SE ▸ 25th Street SE	
Note: Countermeasure recommended only if BP18, BP19 or BP20 present		
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *all-turning* vehicles		
Planning Level Countermeasure Cost: $9,5000 (per approach)		
Countermeasure: Install Intersection Crossing Markings	**ARTS #:** NA[1]	**CRF:** 39[2]
Potential Intersection Locations:		
▸ Intersections along OR22 with approaching bicycle facilities		
Potential Affected Risk Fac tor and/or Conflict: Turning vehicles vs. bicycles		
Planning Level Countermeasure Cost: $50,000 per intersection		

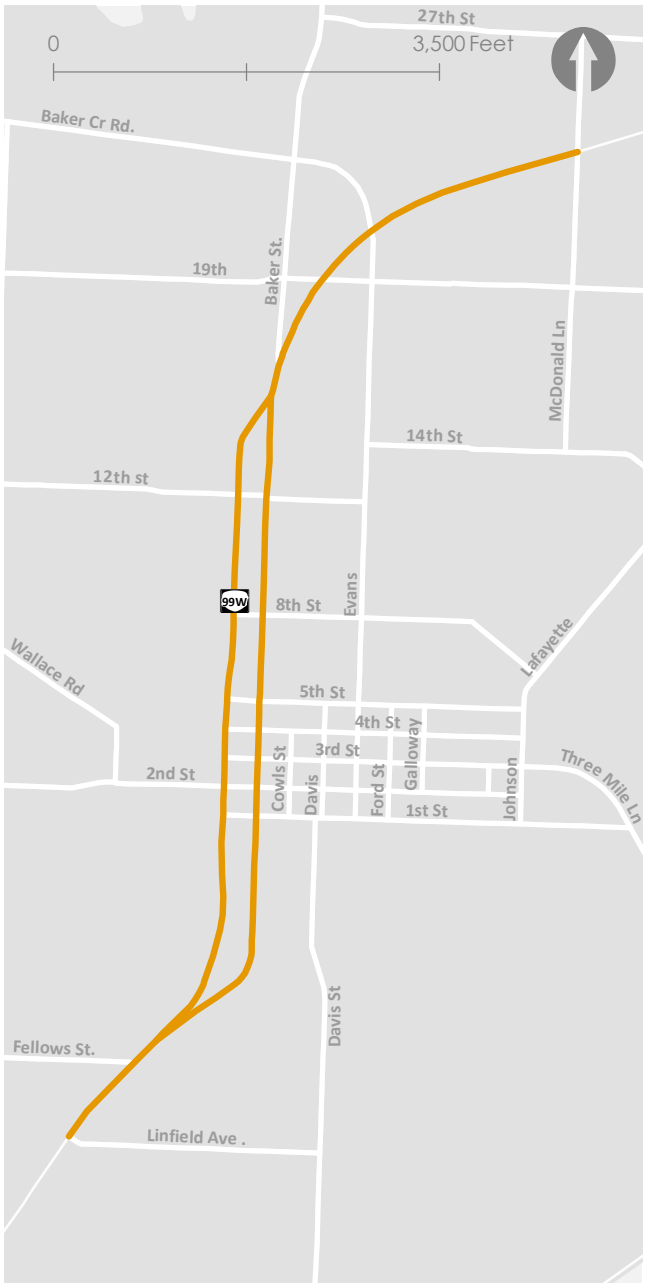
1. Countermeasure not identified as part of ODOT ARTS program.
2. CRF and cost estimate derived from BP5: Install Urban Green Bike Lanes at Conflict Points

11: Pacific Highway West (OR99W), NE McDonald Lane to Linfield Avenue – McMinnville

Context: Urban	**ODOT Region:** 2	**Length:** 3.28 miles

Project Location

From Street: NE McDonald Lane(MP: 36.36)	**To Street:** Linfield Avenue (MP: 38.46)





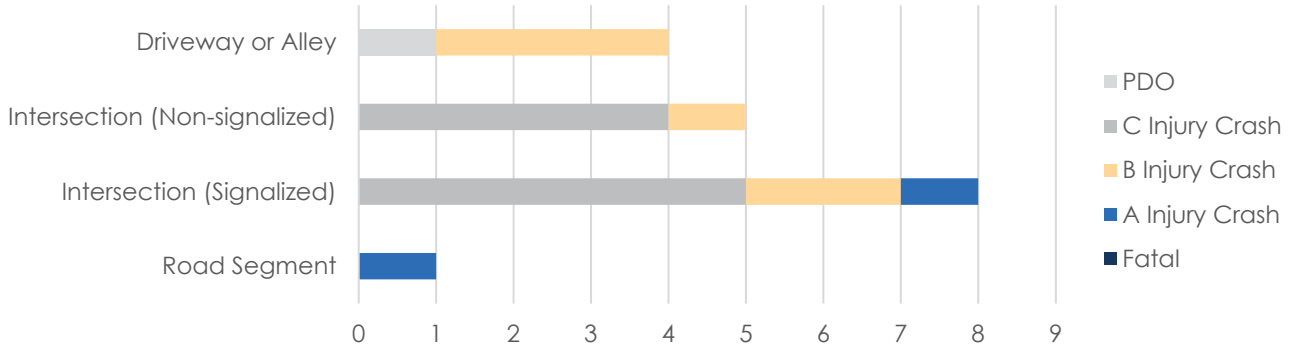




11: Pacific Highway West (OR99W), NE McDonald Lane to Linfield Avenue – McMinnville

Crash History (2007 – 2017)

18 Total Crashes (Bicyclist Involved)



Risk Factors Present:

- Principal Arterial **– ALL**
- Urban Minor Arterial **– NONE**
- Number of Lanes (>= 4 Lanes) **– PARTIAL**
- Posted Speed (>=35 mph) **– PARTIAL**
- No Bike Lane **– MOST**
- Mixed-Use Zoning **– MINOR**
- High-Access Density (>80 driveways per mile) **– PARTIAL**
- Proximity to Schools (1 Mile) **– ALL**
- Proximity to Transit Stops (1/4 Mile) **– ALL**

Risk Score (Rank): 5.494 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Bicycle Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- NE McDonald Lane
- NE Baker Creek Road/NE Evans Street
- NE 19th Street
- NW 12th Street
- NW 5th Street
- NE 3rd Street
- SW 2nd Street
- SW Fellows Street
- SW Linfield Avenue

Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ NE McDonald Lane ▸ NE Baker Creek Road/NE Evans Street ▸ NE 19th Street ▸ NW 12th Street ▸ NW 5th Street	▸ NE 3rd Street ▸ SW 2nd Street ▸ SW Fellows Street ▸ SW Linfield Avenue	
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles at signalized intersections		
Planning Level Countermeasure Cost: ~$7,000/intersection		
Countermeasure: Provide Protected Left-Turn Phase	**ARTS #:** N/A[1]	**CRF:** 31
Potential Intersection Locations (Signalized):		
▸ NE McDonald Lane ▸ NE Baker Creek Road/NE Evans Street	▸ SW Fellows Street ▸ SW Linfield Avenue	
Potential Affected Risk Factor and/or Conflict: Bicycle vs. turning vehicle at four-leg signalized intersections		
Planning Level Countermeasure Cost: Cost varies based on existing signal equipment and intersection condition.		
Countermeasure: Install Intersection Crossing Markings	**ARTS #:** NA[1]	**CRF:** 39[2]
Potential Intersection Locations:		
▸ Intersections along OR99W with approaching bicycle facilities		
Note: Only install in partnership with B18, BP19 or BP20		
Potential Affected Risk Fac tor and/or Conflict: Turning vehicles vs. bicycles		
Planning Level Countermeasure Cost: $50,000 per intersection		

1.Countermeasure not identified as part of ODOT ARTS program.

Countermeasure: Install Bicycle Boulevard	**ARTS #:** BP23	**CRF:** 63
Potential Segment Locations:		
▸ This countermeasure should be implemented on a direct parallel route of OR99W if one can be found that provides for longer-distance trips by bicycle.		
Note: A parallel route may not provide adequate access to local businesses on OR99W.		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $425,000 per 1000 feet		
Countermeasure: Install Bike Lanes	**ARTS #:** BP18	**CRF:** 36
Potential Segment Locations:		
▸ Segments of OR99W lacking bicycle facilities (all)		
*Note: Only **one** of BP18, BP19, or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities* *Note: When right-of-way is constrained, consider low volume parallel routes if near by*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Countermeasure: Install Cycle Track	**ARTS #:** BP19	**CRF:** 47
Potential Segment Locations:		
▸ Segments of OR99W with existing bike lanes (all)		
*Note: Only **one** of BP18, BP19, or BP20 are recommended to be installed at a given location* *Note: Protected intersection features should be considered at intersections with heavy turning volumes* *Note: When right-of-way is constrained, consider low volume parallel routes if near by*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $269,000 per 1,000 feet (one side)		

Countermeasure: Install Buffered Bike Lane	**ARTS #:** BP20	**CRF:** 36
Potential Segment Locations:		
▸ Segments of OR99W with existing bike lanes (all)		
*Note: Only **one** of BP18, BP19, or BP20 are recommended to be installed at a given location* *Note: When right-of-way is constrained, consider low volume parallel routes if near by*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $247,000 per 1,000 feet (one side)		
Countermeasure: Install Urban Green Bike Lanes at Conflict Points	**ARTS #:** BP5	**CRF:** 39[1]
Potential Segment Locations:		
▸ Driveway access points along OR99W with high-volume driveways		
Note: Countermeasure to be completed in conjunction with BP18, BP 19, or BP20		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $10,000 per 100 feet (one side)		
Countermeasure: Install Bike Box at Conflict Points	**ARTS #:** BP6	**CRF:** 35
Potential Intersection Locations (Signalized):		
▸ NE McDonald Lane ▸ NE Baker Creek Road/NE Evans Street ▸ NE 19th Street ▸ NW 12th Street	▸ NW 5th Street ▸ SW 2nd Street ▸ SW Fellows Street ▸ SW Linfield Street	▸ NE McDonald Lane ▸ NE Baker Creek Road/NE Evans Street ▸ NE 19th Street ▸ NW 12th Street
Note: Countermeasure recommended only if BP18, BP19 or BP20 present		
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *all-turning* vehicles		
Planning Level Countermeasure Cost: $9,5000 (per approach)		

1. CRF and cost estimate derived from BP5: Install Urban Green Bike Lanes at Conflict Points

Countermeasure: Access Management (>48 per Mile to 26-48 per Mile)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
▸ Segments of OR99W with high levels of commercial access (majority of corridor)		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. bicycle crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[1]		

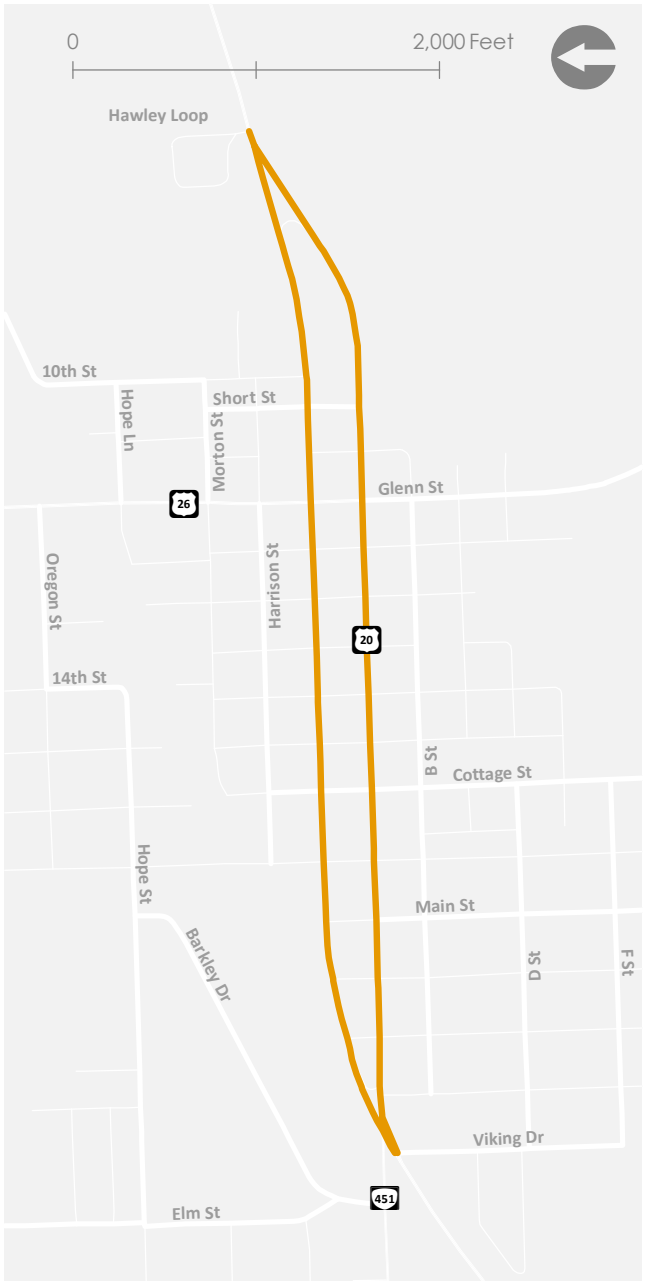
1. Cost specific to context and number of access points.

12: Central Oregon Highway (US26), Viking Drive to Hawley Loop – Vale

Context: Rural	**ODOT Region:** 5	**Length:** 2.15 miles

Project Location

From Street: Viking Drive (MP: 245.72)	**To Street:** Hawley Loop (MP: 246.84)





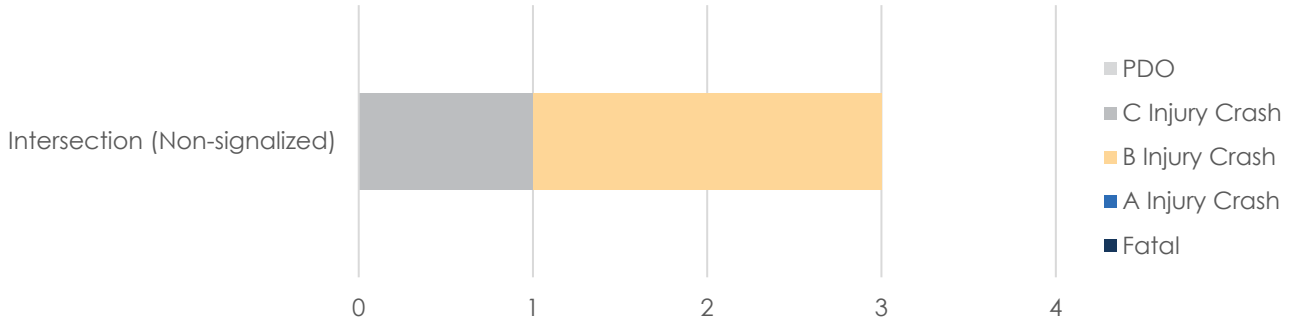




12: Central Oregon Highway (US26), Viking Drive to Hawley Loop – Vale

Crash History (2007 – 2017)

3 Total Crashes (Bicyclist Involved)



Risk Factors Present:

- Principal Arterial **– ALL**
- Posted Speed (>=35 mph) **– MINOR**
- Proximity to Schools (1 Mile) **– ALL**
- Proximity to Transit Stops (1/4 Mile) **– MOST**

Risk Score (Rank): 4.503 (Second 20%)

Potential Countermeasures

Countermeasure: Install Bike Lanes	**ARTS #:** BP18	**CRF:** 36

Potential Segment Locations:

- Segments of US26 lacking bicycle facilities (minor)

*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location*

Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes

Countermeasure: Install Intersection Crossing Markings	**ARTS #:** NA[1]	**CRF:** 39[2]

Potential Intersection Locations:

- Intersections along US26 with approaching bicycle facilities

Note: Only install in partnership with B18, BP19 or BP20

Potential Affected Risk Fac tor and/or Conflict: Turning vehicles vs. bicycles

Planning Level Countermeasure Cost: $50,000 per intersection

Countermeasure: Install Buffered Bike Lane	**ARTS #:** BP20	**CRF:** 36
Potential Segment Locations:		
▸ Segments of US26 lacking bicycle facilities (minor) or segments with existing bike lanes (most)		
*Note: Only **one** of BP19 or BP20 are recommended to be installed at a given location*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $247,000 per 1,000 feet (one side)		
Countermeasure: Install Urban Green Bike Lanes at Conflict Points	**ARTS #:** BP5	**CRF:** 39
Potential Segment Locations:		
▸ Driveway access points along US20 with high-volume driveways		
Note: Countermeasure to be completed in conjunction with BP18, BP 19, or BP20		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $10,000 per 100 feet (one side)		
Countermeasure: Access Management (>48 per Mile to 26-48 per Mile)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
▸ Segments of US26 with high levels of commercial access (majority of corridor)		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. bicycle crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[1]		

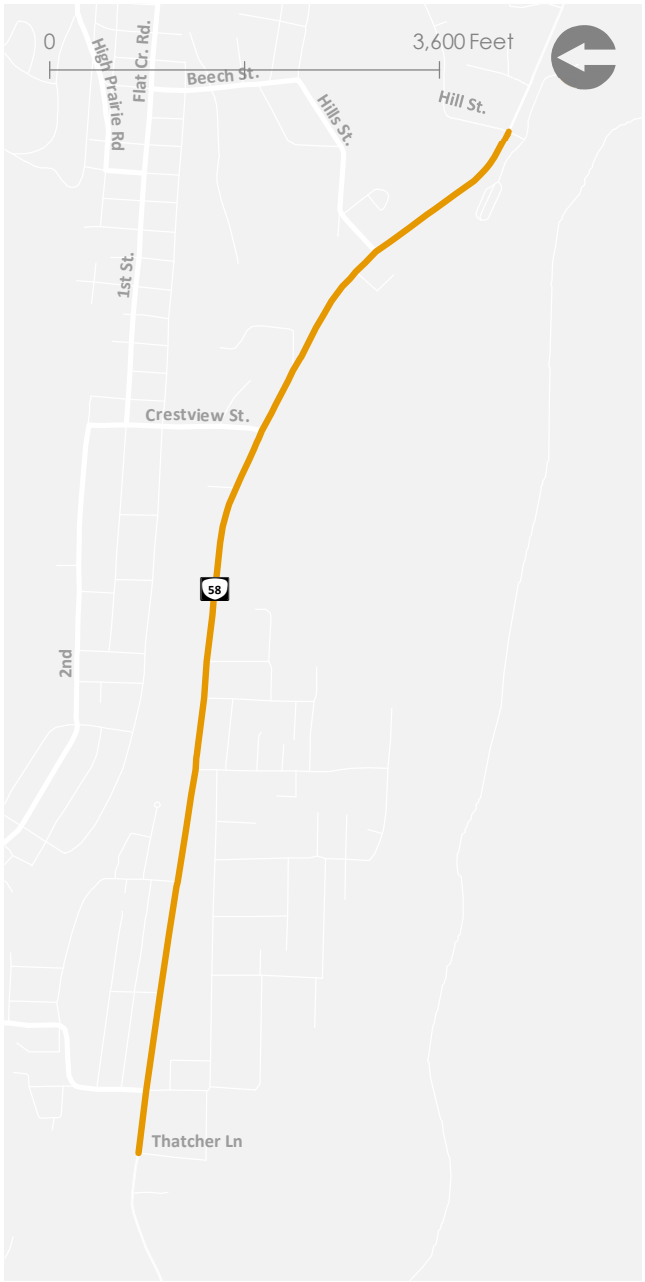
1. Countermeasure not identified as part of ODOT ARTS program.
2. CRF and cost estimate derived from BP5: Install Urban Green Bike Lanes at Conflict Points

13: Willamette Highway (OR58), Thatcher Lane to Hills Street – Oakridge

Context: Rural	**ODOT Region:** 2	**Length:** 1.98 miles

Project Location

From Street: Thatcher Lane (MP: 34.19)	**To Street:** Hill Street (MP: 35.85)





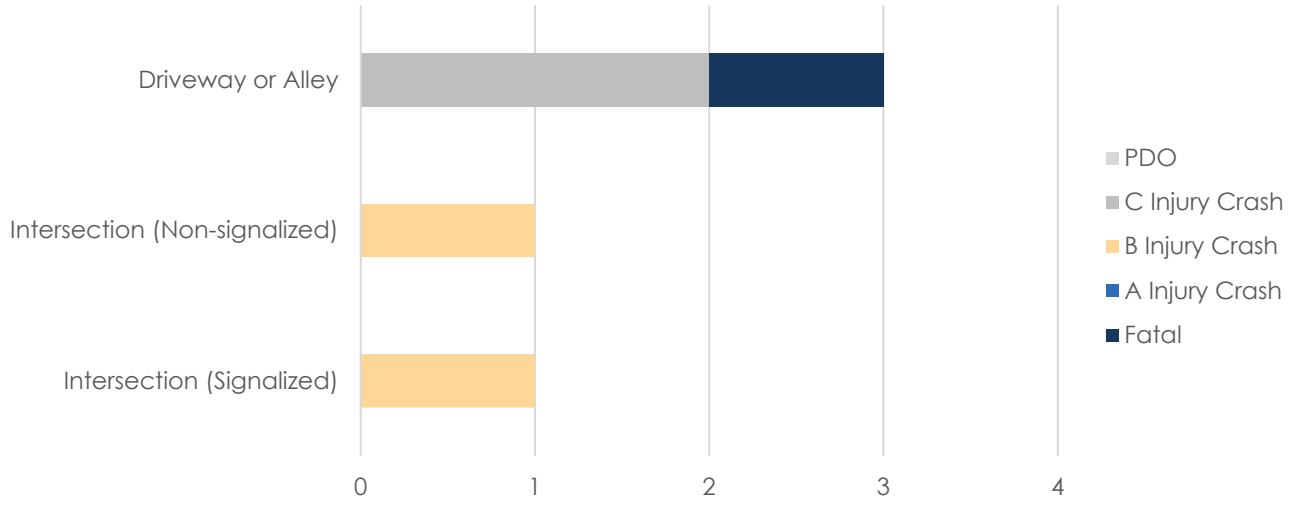




13: Willamette Highway (OR58), Thatcher Lane to Hills Street – Oakridge

Crash History (2007 – 2017)

5 Total Crashes (Bicyclist Involved)



Risk Factors Present:

- Principal Arterial **– ALL**
- Posted Speed (>=35 mph) **– ALL**
- Proximity to Schools (1 Mile) **– MOST**
- Proximity to Transit Stops (1/4 Mile) **– MOST**

Risk Score (Rank): 4.455 (Second 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Bicycle Interval at Signalized Intersections

ARTS #: BP3

CRF: 37

Potential Intersection Locations (Signalized):

- Crestview Street

Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ Crestview Street		
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles at signalized intersections		
Planning Level Countermeasure Cost: ~$7,000/intersection		
Countermeasure: Install Rectangular Rapid Flashing Beacon with Median (3-Lane or More Roadway)	**ARTS #:** BP10	**CRF:** 56[3]
Potential Midblock / Unsignalized Crossing Locations *without* existing medians:		
▸ Hills Street (south leg of intersection – transit stop)		
Potential Affected Risk Factor and/or Conflict: Midblock/unsignalized bicycle crossings vs. vehicles		
Planning Level Countermeasure Cost: $173,000 per location		
Countermeasure: Install Intersection Crossing Markings	**ARTS #:** NA[1]	**CRF:** 39[2]
Potential Intersection Locations:		
▸ Intersections along OR58 with approaching bicycle facilities		
Note: Only install in partnership with B18, BP19 or BP20		
Potential Affected Risk Fac tor and/or Conflict: Turning vehicles vs. bicycles		
Planning Level Countermeasure Cost: $50,000 per intersection		
Countermeasure: Install Bike Lanes	**ARTS #:** BP18	**CRF:** 36
Potential Segment Locations:		
▸ Segments of OR58 lacking bicycle facilities (all)		
Note: Only one of BP18 or BP20 are recommended to be installed at a given location *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		

1. Countermeasure not identified as part of ODOT ARTS program.
2. CRF and cost estimate derived from BP5: Install Urban Green Bike Lanes at Conflict Points
3. CRF is for vehicle-pedestrian crashes. It is assumed that a similar reduction would apply to bicyclists crossing midblock similar to pedestrians. NCHRP Research Report 926 notes these beacons are useful for bicycles as well.

Countermeasure: Install Buffered Bike Lane	**ARTS #:** BP20	**CRF:** 36
Potential Segment Locations:		
▸ Segments of OR58 lacking bicycle facilities (all))		
*Note: Only **one** of BP18 or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $247,000 per 1,000 feet (one side)		
Countermeasure: Install Urban Green Bike Lanes at Conflict Points	**ARTS #:** BP5	**CRF:** 39
Potential Segment Locations:		
▸ Driveway access points along OR58 with high-volume driveways		
Note: Countermeasure to be completed in conjunction with BP18 or BP20		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $10,000 per 100 feet (one side)		
Countermeasure: Access Management (>48 per Mile to 26-48 per Mile)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
▸ Segments of OR58 with high levels of commercial access (majority of corridor)		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. bicycle crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[1]		
Countermeasure: Convert 4-Lane Roadway to 3-Lane Roadway with Center Turn Lane (Road Diet)	**ARTS #:** BP16	**CRF:** 29
Potential Segment Locations:		
▸ Segments of OR58 with 4-lanes (consider reducing 5-lane sections to 3-lane as well)		
Note: Countermeasure to would allow for installation of on-street bicycle facilities; BP18 or BP20		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $193,000 per 1,000 feet		

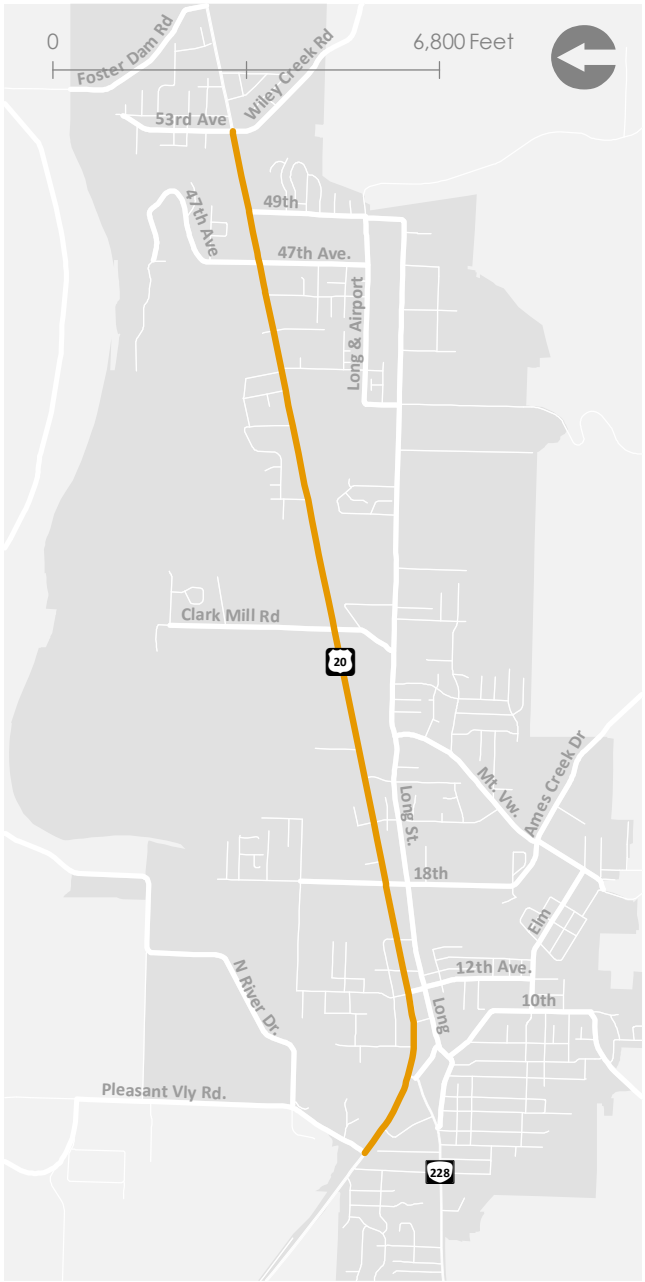
1. Cost specific to context and number of access points.

14: Santiam Highway (OR20), Pleasant Valley Road to 53rd Avenue – Sweet Home

Context: Urban	**ODOT Region:** 2	**Length:** 3.51 miles

Project Location

From Street: Pleasant Valley Road (MP: 26.77)	**To Street:** 53rd Avenue (MP: 30.29)





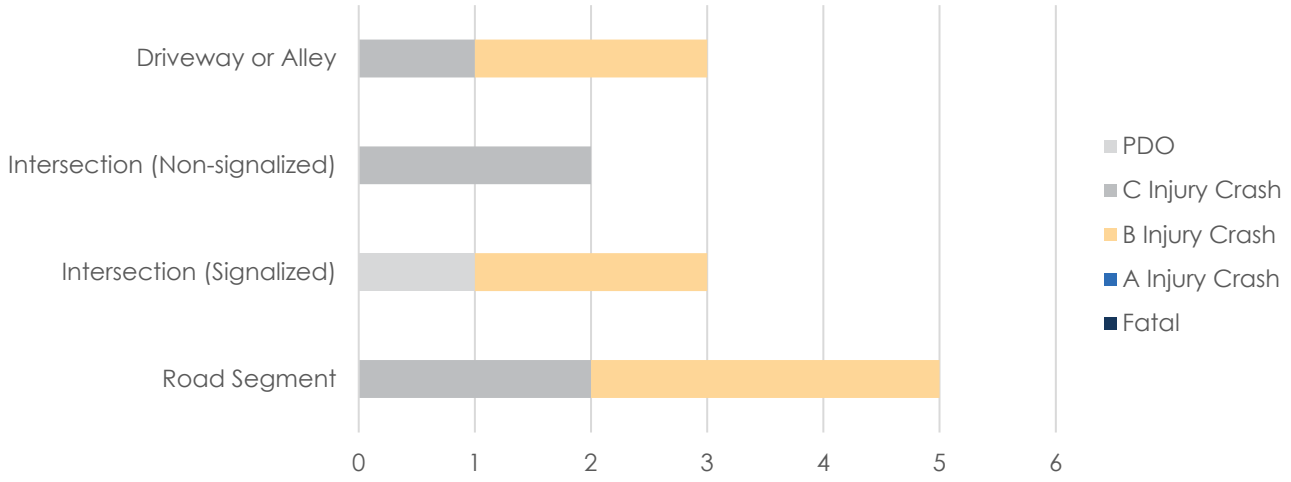




14: Santiam Highway (US 20), Pleasant Valley Road to 53rd Avenue – Sweet Home

Crash History (2007 – 2017)

13 Total Crashes (Bicyclist Involved)



Risk Factors Present:

- Principal Arterial **– ALL**
- Urban Minor Arterial **– NONE**
- Number of Lanes (>= 4 Lanes) **– MOST**
- Posted Speed (>=35 mph) **– MOST**
- No Bike Lane **– PARTIAL**
- Mixed-Use Zoning **– NONE**
- High-Access Density (>80 driveways per mile) **– PARTIAL**
- Proximity to Schools (1 Mile) **– MOST**
- Proximity to Transit Stops (1/4 Mile) **– MOST**

Risk Score (Rank): 5.734 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Bicycle Interval at Signalized Intersections

ARTS #: BP3

CRF: 37

Potential Intersection Locations (Signalized):

- Holley Road
- 12th Avenue
- 15th Avenue
- 18th Avenue

Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Provide Protected Left-Turn Phase	**ARTS #:** N/A[1]	**CRF:** 31
Potential Intersection Locations (Signalized):		
▸ 12th Avenue	▸ 15th Avenue	▸ 18th Avenue
Potential Affected Risk Factor and/or Conflict: Bicycle vs. turning vehicle at four-leg signalized intersections		
Planning Level Countermeasure Cost: Cost varies based on existing signal equipment and intersection condition.		
Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ Holley Road ▸ 12th Avenue	▸ 15th Avenue ▸ 18th Avenue	
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles at signalized intersections		
Planning Level Countermeasure Cost: ~$7,000/intersection		
Countermeasure: Install Rectangular Rapid Flashing Beacon *without* Median (3-Lane or More Roadway)	**ARTS #:** BP9	**CRF:** 10[1]
Potential Midblock / Unsignalized Crossing Locations *with* existing median:		
▸ Midblock between 10th and 12th Avenue (existing crossing) ▸ Midblock between 13th and 15th Avenue (existing crossing) ▸ Midblock between 15th and 18th Avenue (existing crossing)		
Potential Affected Risk Factor and/or Conflict: Midblock/unsignalized bicycle crossings vs. vehicles		
Planning Level Countermeasure Cost: $69,000		

1. CRF is for vehicle-pedestrian crashes. It is assumed that a similar reduction would apply to bicyclists crossing midblock similar to pedestrians. NCHRP Research Report 926 notes these beacons are useful for bicycles as well.

Countermeasure: Install Rectangular Rapid Flashing Beacon with Median (3-Lane or More Roadway)	**ARTS #:** BP10	**CRF:** 56[1]
Potential Midblock / Unsignalized Crossing Locations *without* existing medians:		
▸ 22nd Avenue	▸ Clark Mill Road	
Potential Affected Risk Factor and/or Conflict: Midblock/unsignalized bicycle crossings vs. vehicles		
Planning Level Countermeasure Cost: $173,000 per location		
Countermeasure: Install Rectangular Rapid Flashing Beacon with Median (3-Lane or More Roadway)		
Countermeasure: Install Intersection Crossing Markings	**ARTS #:** NA[2]	**CRF:** 35[3]
Potential Intersection Locations:		
▸ Intersections along US 20 with approaching bicycle facilities		
Note: Only install in partnership with B18, BP19 or BP20		
Potential Affected Risk Factor and/or Conflict: Turning vehicles vs. bicycles		
Planning Level Countermeasure Cost: $50,000 per intersection		
Countermeasure: Install Bike Lanes	**ARTS #:** BP18	**CRF:** 36
Potential Segment Locations:		
▸ Segments of US 20 lacking bicycle facilities (partial)		
*Note: Only **one** of BP18 or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		

1. CRF is for vehicle-pedestrian crashes. It is assumed that a similar reduction would apply to bicyclists crossing midblock similar to pedestrians. NCHRP Research Report 926 notes these beacons are useful for bicycles as well.
2. Countermeasure not identified as part of ODOT ARTS program.
3. CRF and cost estimate derived from BP5: Install Urban Green Bike Lanes at Conflict Points

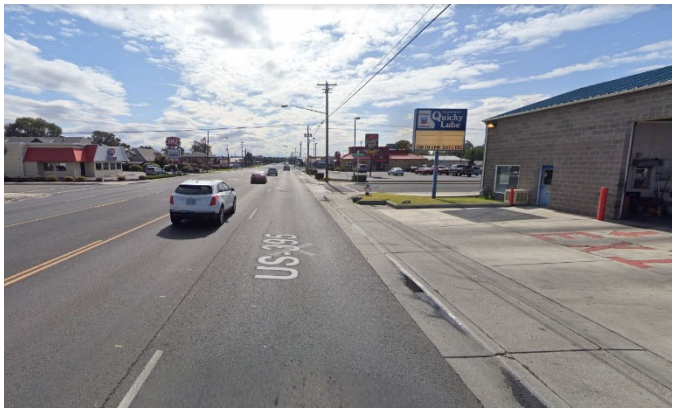
Countermeasure: Install Buffered Bike Lane	**ARTS #:** BP20	**CRF:** 36
Potential Segment Locations:		
▸ Segments of US 20 lacking bicycle facilities (partial) and segments with existing bike lanes (minor)		
*Note: Only **one** of BP18 or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $247,000 per 1,000 feet (one side)		
Countermeasure: Install Urban Green Bike Lanes at Conflict Points	**ARTS #:** BP5	**CRF:** 39
Potential Segment Locations:		
▸ Driveway access points along US 20 with high-volume driveways		
Note: Countermeasure to be completed in conjunction with BP18 or BP20		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $10,000 per 100 feet (one side)		
Countermeasure: Access Management (>48 per Mile to 26-48 per Mile)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
▸ Segments of US 20 with high levels of commercial access (partial)		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. bicycle crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[1]		

1.Cost specific to context and number of access points.

Countermeasure: Install Bike Box at Conflict Points	**ARTS #:** BP6	**CRF:** 35
Potential Intersection Locations (Signalized):		
▸ Holley Road ▸ 12th Avenue	▸ 15th Avenue ▸ 18th Avenue	
Note: Countermeasure recommended only if BP18, BP19 or BP20 present		
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *all-turning* vehicles		
Planning Level Countermeasure Cost: $9,5000 (per approach)		

15: Umatilla – Stanfield Highway(US395), W Theater Lane to E Evelyn Avenue – Hermiston		
Context: Urban	**ODOT Region:** 5	**Length:** 2.13 miles
Project Location		
From Street: W Theatre Lane (MP: 4.33)	**To Street:** E Evelyn Avenue (MP: 6.47)	





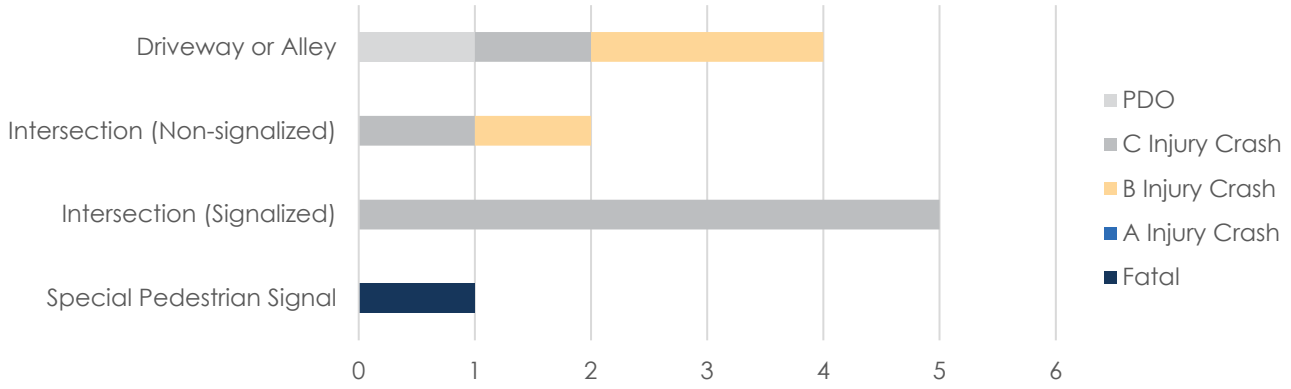




15: Umatilla – Stanfield Highway(US395), W Theater Lane to E Evelyn Avenue – Hermiston

Crash History (2007 – 2017)

12 Total Crashes (Bicyclist Involved)



Risk Factors Present:

- Principal Arterial **– ALL**
- Urban Minor Arterial **– NONE**
- Number of Lanes (>= 4 Lanes) **– ALL**
- Posted Speed (>=35 mph) **– MINOR**
- No Bike Lane **– ALL**
- Mixed-Use Zoning **– NONE**
- High-Access Density (>80 driveways per mile) **– MOST**
- Proximity to Schools (1 Mile) **– ALL**
- Proximity to Transit Stops (1/4 Mile) **– PARTIAL**

Risk Score (Rank): 5.891 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Bicycle Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- Theater Lane
- Elm Avenue
- Jennie Avenue
- Gladys Avenue
- Main Street
- Hurlburt Avenue
- Highland Avenue
- SE 4th Street

Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Provide Protected Left-Turn Phase	**ARTS #:** N/A[1]	**CRF:** 31
Potential Intersection Locations (Signalized):		
▸ Theater Lane ▸ Gladys Avenue	▸ Main Street ▸ Highland Avenue	▸ SE 4th Street
Potential Affected Risk Factor and/or Conflict: Bicycle vs. turning vehicle at four-leg signalized intersections		
Planning Level Countermeasure Cost: Cost varies based on existing signal equipment and intersection condition.		
Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ Theater Lane ▸ Elm Avenue ▸ Jennie Avenue ▸ Gladys Avenue	▸ Main Street ▸ Hurlburt Avenue ▸ Highland Avenue ▸ SE 4th Street	
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *right-turning* vehicles		
Planning Level Countermeasure Cost: ~$7,000 per intersection		
Countermeasure: Install Rectangular Rapid Flashing Beacon *without* Median (3-Lane or More Roadway)	**ARTS #:** BP9	**CRF:** 10[2]
Potential Midblock / Unsignalized Crossing Locations *with* existing median:		
▸ E Oregon Street (south leg) ▸ W Harper Road (north leg) ▸ E Beech Avenue (north *or* south leg)		
Potential Affected Risk Factor and/or Conflict: Midblock/unsignalized bicycle crossings vs. vehicles		
Planning Level Countermeasure Cost: $69,000		

1. Countermeasure not identified as part of ODOT ARTS program.
2. CRF is for vehicle-pedestrian crashes. It is assumed that a similar reduction would apply to bicyclists crossing midblock similar to pedestrians. NCHRP Research Report 926 notes these beacons are useful for bicycles as well

Countermeasure: Install Intersection Crossing Markings	**ARTS #:** NA[1]	**CRF:** 39[2]
Potential Intersection Locations:		
▸ Intersections along US395 with approaching bicycle facilities		
Note: Only install in partnership with B18, BP19 or BP20		
Potential Affected Risk Fac tor and/or Conflict: Turning vehicles vs. bicycles		
Planning Level Countermeasure Cost: $50,000 per intersection		
Countermeasure: Install Bike Lanes	**ARTS #:** BP18	**CRF:** 36
Potential Segment Locations:		
▸ Segments of US395 lacking bicycle facilities (all)		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Countermeasure: Install Cycle Track	**ARTS #:** BP19	**CRF:** 47
Potential Segment Locations:		
▸ Segments of US395 lacking bicycle facilities (all)		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $269,000 per 1,000 feet (one side)		
Countermeasure: Install Buffered Bike Lane	**ARTS #:** BP20	**CRF:** 36
Potential Segment Locations:		
▸ Segments of US395 lacking bicycle facilities (all)		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $247,000 per 1,000 feet (one side)		

1. Countermeasure not identified as part of ODOT ARTS program.
2. CRF and cost estimate derived from BP5: Install Urban Green Bike Lanes at Conflict Points

Countermeasure: Install Urban Green Bike Lanes at Conflict Points	**ARTS #:** BP5	**CRF:** 39
Potential Segment Locations:		
▸ Driveway access points along US395 with high-volume driveways		
Note: Countermeasure to be completed in conjunction with BP18, BP19 or BP20.		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $10,000 per 100 feet (one side)		

Countermeasure: Install Bike Box at Conflict Points	**ARTS #:** BP6	**CRF:** 35
Potential Intersection Locations (Signalized):		
▸ Theatre Lane ▸ Elm Street ▸ Jennie Avenue ▸ Gladys Avenue	▸ Main Street ▸ Hurlburt Avenue ▸ Highland Avenue ▸ SE 4th Street	
Note: Countermeasure recommended only if BP18, BP19 or BP20 present		
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *all-turning* vehicles		
Planning Level Countermeasure Cost: $9,5000 (per approach)		

Countermeasure: Access Management (>48 per Mile to 26-48 per Mile)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
▸ Segments of US395 with high levels of commercial access (partial)		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. bicycle crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[1]		

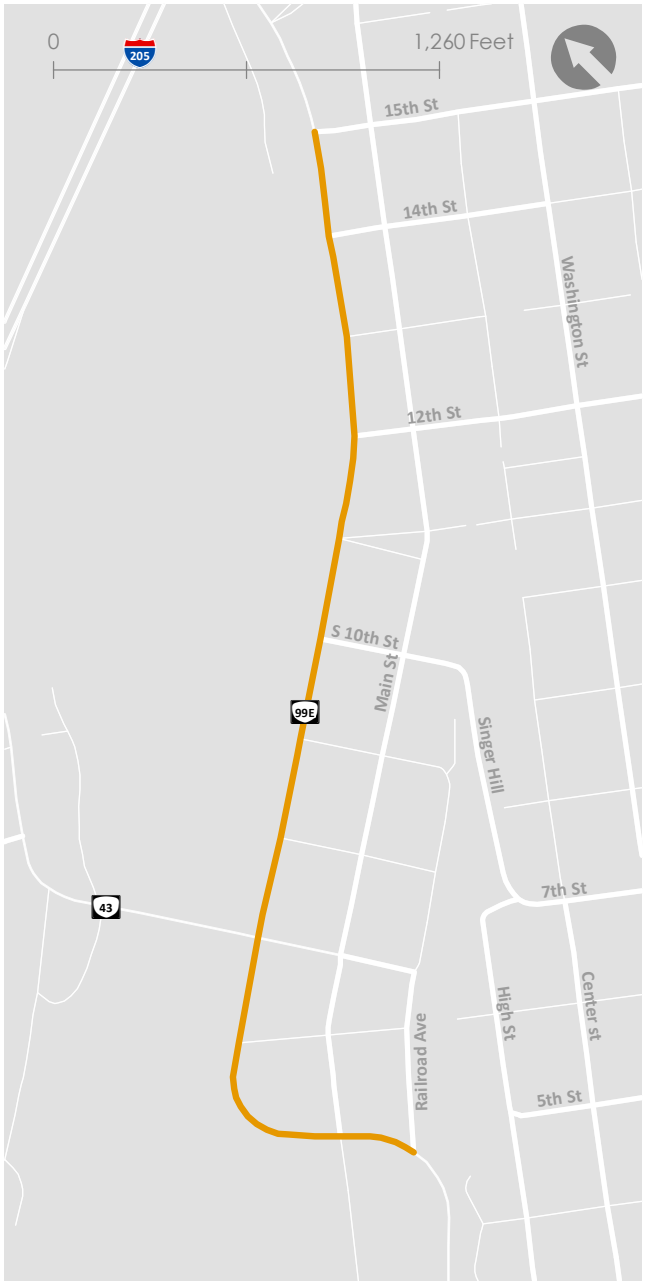
1. Cost specific to context and number of access points.

16: Pacific Highway East (OR99E), 15th Street to Railroad Avenue – Oregon City

Context: Urban	**ODOT Region: 1**	**Length:** 0.73 miles

Project Location

From Street: 15th Street (MP: 11.88)	**To Street:** Railroad Avenue (MP: 12.60)





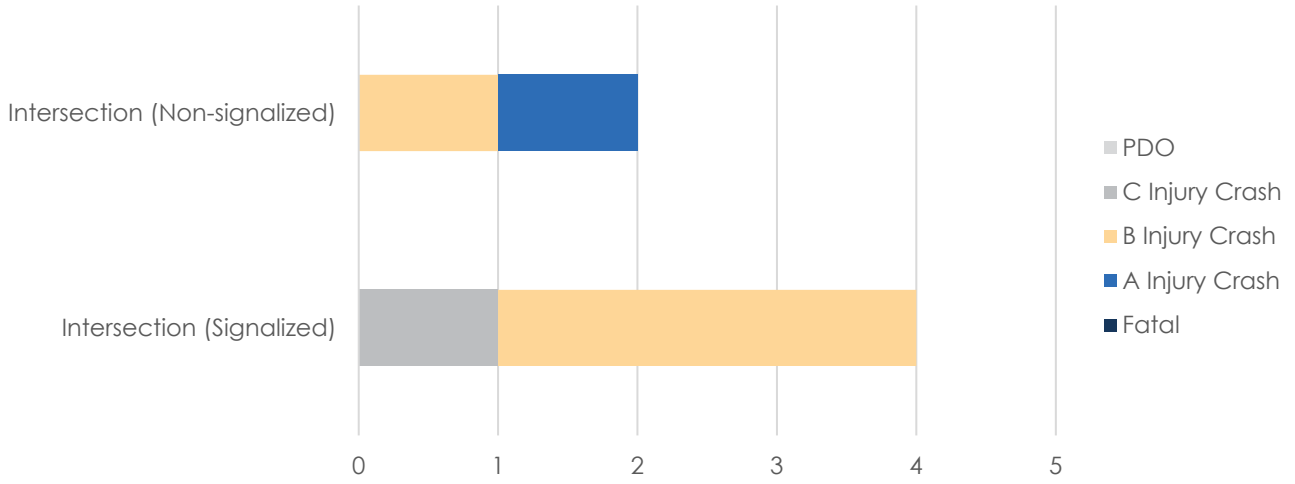




16: Pacific Highway East (OR99E), 15th Street to Railroad Avenue – Oregon City

Crash History (2007 – 2017)

6 Total Crashes (Bicyclist Involved)



Risk Factors Present:

- Principal Arterial **– ALL**
- Urban Minor Arterial **– NONE**
- Number of Lanes (>= 4 Lanes) **– ALL**
- Posted Speed (>=35 mph) **– NONE**
- No Bike Lane **– ALL**
- Mixed-Use Zoning **– ALL**
- High-Access Density (>80 driveways per mile) **– PARTIAL**
- Proximity to Schools (1 Mile) **– ALL**
- Proximity to Transit Stops (1/4 Mile) **– ALL**

Risk Score (Rank): 6.922 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Bicycle Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- 14th Street
- 12th Street
- 10th Street
- Main Street

Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Provide Protected Left-Turn Phase	**ARTS #:** N/A[1]	**CRF:** 31
Potential Intersection Locations (Signalized):		
▸ 14th Street ▸ 12th Street	▸ 10th Street ▸ Main Street	
Potential Affected Risk Factor and/or Conflict: Bicycle vs. turning vehicle at four-leg signalized intersections		
Planning Level Countermeasure Cost: Cost varies based on existing signal equipment and intersection condition.		
Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ 14th Street ▸ 12th Street	▸ 10th Street ▸ Main Street	
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *right-turning* vehicles		
Planning Level Countermeasure Cost: ~$7,000 per intersection		
Countermeasure: Install Bicycle Boulevard	**ARTS #:** BP23	**CRF:** 63
Potential Segment Locations:		
▸ This countermeasure should be implemented on a direct parallel route of OR99E Avenue if one can be found that provides for longer-distance trips by bicycle.		
Note: A parallel route may not provide adequate access to local businesses on OR99E.		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $425,000 per 1000 feet		
Countermeasure: Install Bike Lanes	**ARTS #:** BP18	**CRF:** 36
Potential Segment Locations:		
▸ Segments of OR99E lacking bicycle facilities (all)		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities.*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		

1. Countermeasure not identified as part of ODOT ARTS program.

Countermeasure: Install Buffered Bike Lane	**ARTS #:** BP20	**CRF:** 36
Potential Segment Locations:		
▸ Segments of OR99E lacking bicycle facilities (all)		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $247,000 per 1,000 feet (one side)		
Countermeasure: Install Cycle Track	**ARTS #:** BP19	**CRF:** 47
Potential Segment Locations:		
▸ Segments of OR99E lacking bicycle facilities (all)		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: Protected intersection features should be considered at intersections with heavy turning volumes* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $269,000 per 1,000 feet (one side)		
Countermeasure: Install Urban Green Bike Lanes at Conflict Points	**ARTS #:** BP5	**CRF:** 39
Potential Segment Locations:		
▸ Driveway access points along OR99E with high-volume driveways		
Note: Countermeasure to be completed in conjunction with BP18, BP19, or BP20		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $10,000 per 100 feet (one side)		

Countermeasure: Install Intersection Crossing Markings	**ARTS #:** NA[1]	**CRF:** 39[2]
Potential Intersection Locations:		
▸ Intersections along OR99E with approaching bicycle facilities		
Note: Only install in partnership with B18, BP19 or BP20		
Potential Affected Risk Fac tor and/or Conflict: Turning vehicles vs. bicycles		
Planning Level Countermeasure Cost: $50,000 per intersection		

Countermeasure: Install Bike Box at Conflict Points	**ARTS #:** BP6	**CRF:** 35
Potential Intersection Locations (Signalized):		
▸ 14th Street ▸ 12th Street	▸ 10th Street ▸ Main Street	
Note: Countermeasure recommended only if BP18, BP19 <u>or</u> BP20 present		
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. <u>*all-turning*</u> vehicles		
Planning Level Countermeasure Cost: $9,5000 (per approach)		

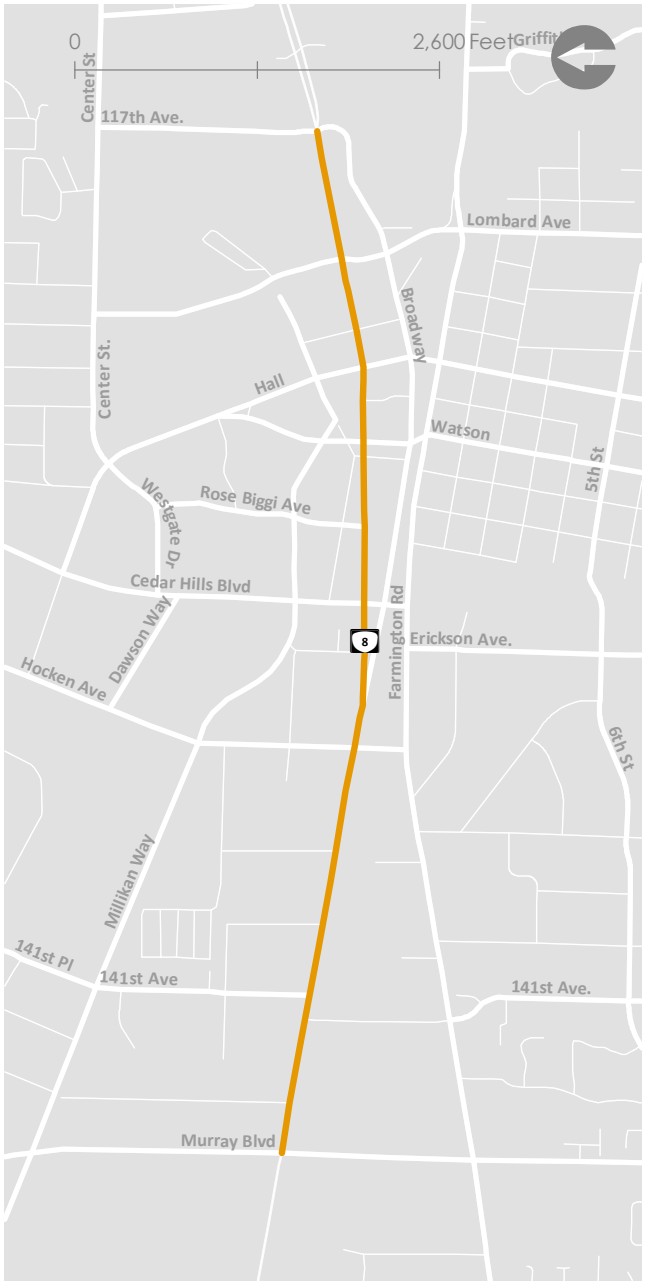
1. Countermeasure not identified as part of ODOT ARTS program.
2. CRF and cost estimate derived from BP5: Install Urban Green Bike Lanes at Conflict Points

17: Tualatin Valley Highway (OR8), SW 117th Avenue to SW Murray Boulevard – Beaverton

Context: Urban	**ODOT Region:** 1	**Length:** 1.39 miles

Project Location

From Street: SW 117th Avenue (MP: 3.18)	**To Street:** SW Murray Boulevard (MP: 4.58)





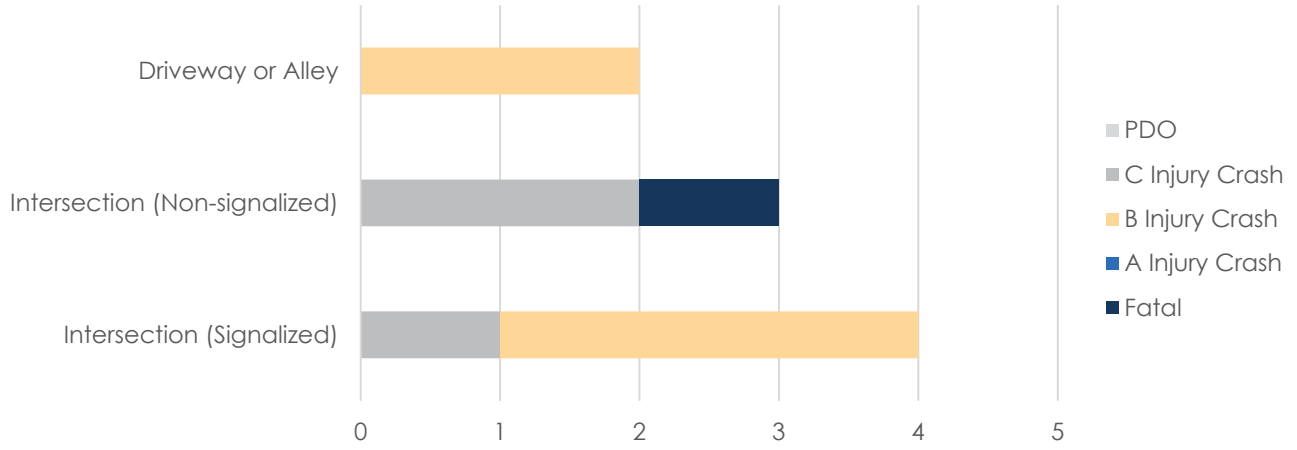




17: Tualatin Valley Highway (OR8), SW 117th Avenue to SW Murray Boulevard – Beaverton

Crash History (2007 – 2017)

9 Total Crashes (Bicyclist Involved)



Risk Factors Present:

- Principal Arterial **– ALL**
- Urban Minor Arterial **– NONE**
- Number of Lanes (>= 4 Lanes) **– MOST**
- Posted Speed (>=35 mph) **– ALL**
- No Bike Lane **– PARTIAL**
- Mixed-Use Zoning **– PARTIAL**
- High-Access Density (>80 driveways per mile) **– MINOR**
- Proximity to Schools (1 Mile) **– ALL**
- Proximity to Transit Stops (1/4 Mile) **– ALL**

Risk Score (Rank): 6.893 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Bicycle Interval at Signalized Intersections

ARTS #: BP3

CRF: 37

Potential Intersection Locations (Signalized):

- SW 117th Avenue
- SW Lombard Avenue
- SW Hall Boulevard
- SW Watson Avenue
- SW Cedar Hills Boulevard
- SW Hocken Avenue
- SW Murray Boulevard

Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Provide Protected Left-Turn Phase	**ARTS #:** N/A[1]	**CRF:** 31
Potential Intersection Locations (Signalized):		
▸ SW Lombard Avenue	▸ SW Hocken Avenue	
Potential Affected Risk Factor and/or Conflict: Bicycle vs. turning vehicle at four-leg signalized intersections		
Planning Level Countermeasure Cost: Cost varies based on existing signal equipment and intersection condition.		
Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ SW 117th Avenue ▸ SW Lombard Avenue ▸ SW Hall Boulevard	▸ SW Watson Avenue ▸ SW Cedar Hills Boulevard	▸ SW Hocken Avenue ▸ SW Murray Boulevard
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *right-turning* vehicles		
Planning Level Countermeasure Cost: ~$7,000 per intersection		
Countermeasure: Install Rectangular Rapid Flashing Beacon *with* Median (3-Lane or More Roadway)	**ARTS #:** BP10	**CRF:** 56[2]
Potential Midblock / Unsignalized Crossing Locations *without* existing medians:		
▸ SW 142nd Avenue (transit stop – west side of intersection)		
Potential Affected Risk Factor and/or Conflict: Midblock/unsignalized bicycle crossings vs. vehicles		
Planning Level Countermeasure Cost: $173,000 per location		
Countermeasure: Install Bike Lanes	**ARTS #:** BP18	**CRF:** 36
Potential Segment Locations:		
▸ Segments of OR8 lacking bicycle facilities (partial)		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		

1. Countermeasure not identified as part of ODOT ARTS program.
2. CRF is for vehicle-pedestrian crashes. It is assumed that a similar reduction would apply to bicyclists crossing midblock similar to pedestrians. NCHRP Research Report 926 notes these beacons are useful for bicycles as well

Countermeasure: Install Cycle Track	**ARTS #:** BP19	**CRF:** 47
Potential Segment Locations:		
▸ Segments of OR8 lacking bicycle facilities (partial) or segments with existing bike lanes		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: Protected intersection features should be considered at intersections with heavy turning volumes* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $269,000 per 1,000 feet (one side)		
Countermeasure: Install Buffered Bike Lane	**ARTS #:** BP20	**CRF:** 36
Potential Segment Locations:		
▸ Segments of OR8 lacking bicycle facilities (partial) or segments with existing bike lanes		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $247,000 per 1,000 feet (one side)		
Countermeasure: Install Urban Green Bike Lanes at Conflict Points	**ARTS #:** BP5	**CRF:** 39
Potential Segment Locations:		
▸ Driveway access points along OR8 with high-volume driveways		
Note: Countermeasure to be completed in conjunction with BP18 or BP20		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $10,000 per 100 feet (one side)		
Countermeasure: Install Intersection Crossing Markings	**ARTS #:** NA[1]	**CRF:** 39[2]
Potential Intersection Locations:		
▸ Intersections along OR8 with approaching bicycle facilities		
Note: Only install in partnership with B18, BP19 or BP20		
Potential Affected Risk Fac tor and/or Conflict: Turning vehicles vs. bicycles		
Planning Level Countermeasure Cost: $50,000 per intersection		

1. Countermeasure not identified as part of ODOT ARTS program.
2. CRF and cost estimate derived from BP5: Install Urban Green Bike Lanes at Conflict Points

18: La Grande – Baker Highway (US30), Fourth Street to 18th Street – La Grande

Context: Urban	**ODOT Region:** 5	**Length:** 1.14 miles

Project Location

From Street: Fourth Street (MP: 1.65)	**To Street:** 18th Street (MP: 2.79)





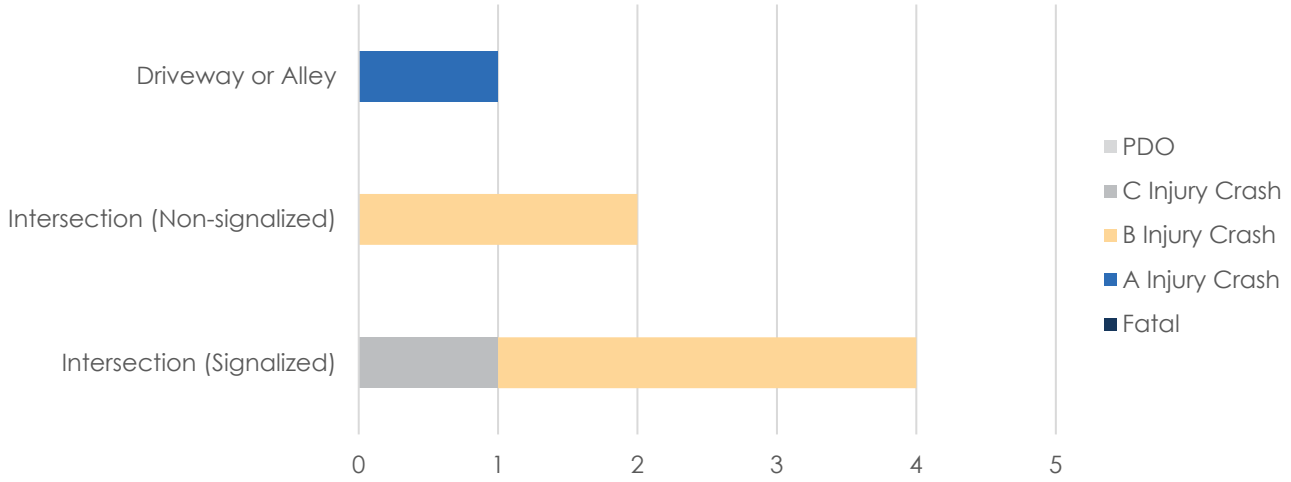




18: La Grande – Baker Highway (US30), Fourth Street to 18th Street – La Grande

Crash History (2007 – 2017)

7 Total Crashes (Bicyclist Involved)



Risk Factors Present:

- Principal Arterial **– All**
- Urban Minor Arterial **– None**
- Number of Lanes (>= 4 Lanes) **– None**
- Posted Speed (>=35 mph) **– Minor**
- No Bike Lane **– All**
- Mixed-Use Zoning **– None**
- High-Access Density (>80 driveways per mile) **– Most**
- Proximity to Schools (1 Mile) **– All**
- Proximity to Transit Stops (1/4 Mile) **– All**

Risk Score (Rank): 5.095 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Bicycle Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- Fourth Street
- Depot Street
- Fir Street
- Greenwood Street
- Island Avenue
- Willow Street

Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ Fourth Street ▸ Depot Street	▸ Fir Street ▸ Greenwood Street	▸ Island Avenue ▸ Willow Street
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *right-turning* vehicles		
Planning Level Countermeasure Cost: ~$7,000 per intersection		
Countermeasure: Provide Protected Left-Turn Phase	**ARTS #:** N/A[1]	**CRF:** 31
Potential Intersection Locations (Signalized):		
▸ Willow Street		
Potential Affected Risk Factor and/or Conflict: Bicycle vs. turning vehicle at four-leg signalized intersections		
Planning Level Countermeasure Cost: Cost varies based on existing signal equipment and intersection condition.		
Countermeasure: Install Bicycle Boulevard	**ARTS #:** BP23	**CRF:** 63
Potential Segment Locations:		
▸ This countermeasure should be implemented on a direct parallel route of US30 if one can be found that provides for longer-distance trips by bicycle.		
Note: A parallel route may not provide adequate access to local businesses on US30.		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $425,000 per 1000 feet		
Countermeasure: Install Bike Lanes	**ARTS #:** BP18	**CRF:** 36
Potential Segment Locations:		
▸ Segments of US30 lacking bicycle facilities (all)		
*Note: Only **one** of BP18 or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		

1. Countermeasure not identified as part of ODOT ARTS program.

Countermeasure: Install Buffered Bike Lane	**ARTS #:** BP20	**CRF:** 36
Potential Segment Locations:		
▸ Segments of US30 lacking bicycle facilities (all)		
*Note: Only **one** of BP18 or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $247,000 per 1,000 feet (one side)		
Countermeasure: Install Urban Green Bike Lanes at Conflict Points	**ARTS #:** BP5	**CRF:** 39
Potential Segment Locations:		
▸ Driveway access points along US30 with high-volume driveways		
Note: Countermeasure to be completed in conjunction with BP18 or BP20		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $10,000 per 100 feet (one side)		
Countermeasure: Install Intersection Crossing Markings	**ARTS #:** NA[1]	**CRF:** 39[2]
Potential Intersection Locations:		
▸ Intersections along US30 with approaching bicycle facilities		
Note: Only install in partnership with B18 or BP20		
Potential Affected Risk Factor and/or Conflict: Turning vehicles vs. bicycles		
Planning Level Countermeasure Cost: $50,000 per intersection		
Countermeasure: Access Management (>48 per Mile to 26-48 per Mile)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
▸ Segments of US30 with high levels of commercial access (partial)		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. bicycle crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[3]		

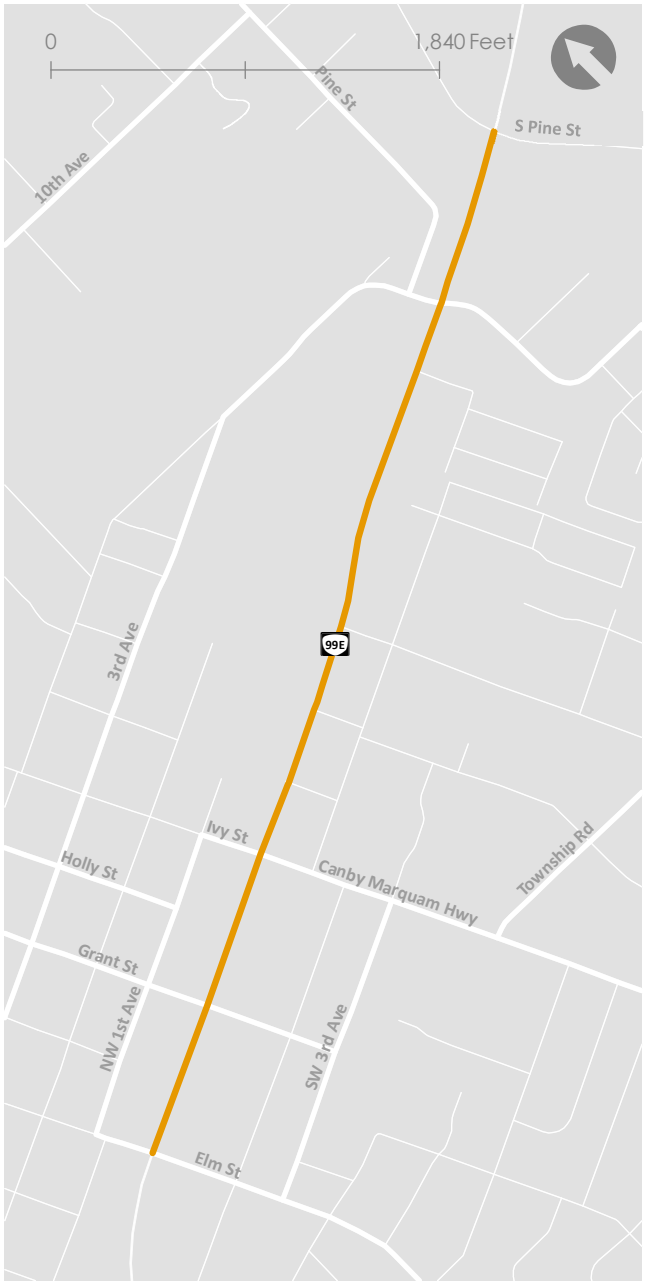
1. Countermeasure not identified as part of ODOT ARTS program.
2. CRF and cost estimate derived from BP5: Install Urban Green Bike Lanes at Conflict Points
3. Cost specific to context and number of access points.

19: Pacific Highway East (OR99E), S Pine Street to S Elm Street– Canby

Context: Urban	**ODOT Region:** 1	**Length:** 0.97miles

Project Location

From Street: S Pine Street (MP: 20.46)	**To Street:** S Elm Street (MP: 21.42)





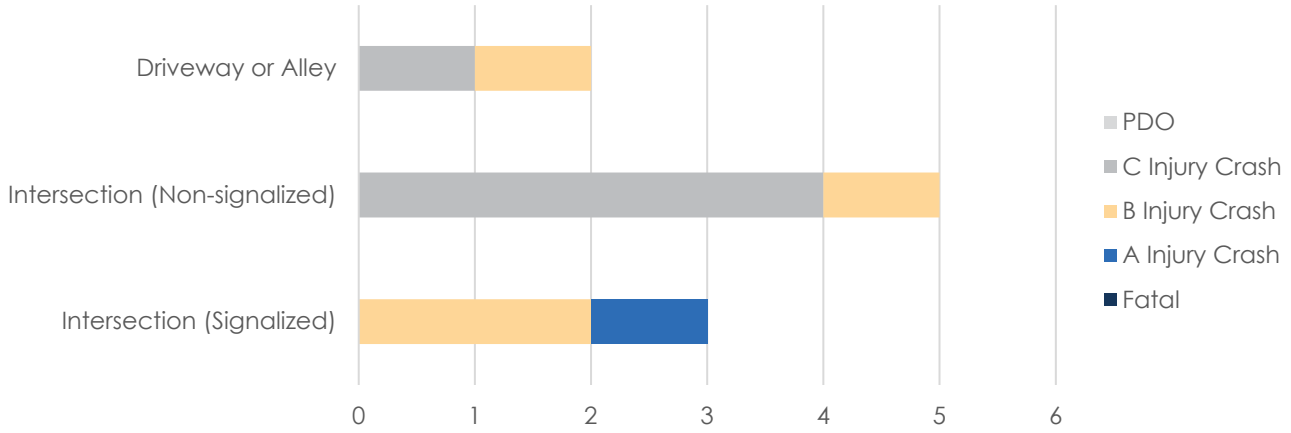




19: Pacific Highway East (OR99E), S Pine Street to S Elm Street– Canby

Crash History (2007 – 2017)

10 Total Crashes (Bicyclist Involved)



Risk Factors Present:

- Principal Arterial **– ALL**
- Urban Minor Arterial **– NONE**
- Number of Lanes (>= 4 Lanes) **– ALL**
- Posted Speed (>=35 mph) **– ALL**
- No Bike Lane **– ALL**
- Mixed-Use Zoning **– PARTIAL**
- High-Access Density (>80 driveways per mile) **– MINOR**
- Proximity to Schools (1 Mile) **– ALL**
- Proximity to Transit Stops (1/4 Mile) **– ALL**

Risk Score (Rank): 7.026 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Bicycle Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- S Pine Street
- Grant Street
- S Ivy Street
- S Elm Street

Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Provide Protected Left-Turn Phase	**ARTS #:** N/A[1]	**CRF:** 31
Potential Intersection Locations (Signalized):		
▸ Grant Street	▸ S Ivy Street	▸ S Elm Street
Potential Affected Risk Factor and/or Conflict: Bicycle vs. turning vehicle at four-leg signalized intersections		
Planning Level Countermeasure Cost: Cost varies based on existing signal equipment and intersection condition.		
Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ S Pine Street ▸ Grant Street	▸ S Ivy Street ▸ S Elm Street	
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *right-turning* vehicles		
Planning Level Countermeasure Cost: ~$7,000 per intersection		
Countermeasure: Install Bicycle Boulevard	**ARTS #:** BP23	**CRF:** 63
Potential Segment Locations:		
▸ This countermeasure should be implemented on a direct parallel route of OR99E if one can be found that provides for longer-distance trips by bicycle.		
Note: A parallel route may not provide adequate access to local businesses on OR99E.		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $425,000 per 1000 feet		
Countermeasure: Install Bike Lanes	**ARTS #:** BP18	**CRF:** 36
Potential Segment Locations:		
▸ Segments of OR99E lacking bicycle facilities (all)		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		

1. Countermeasure not identified as part of ODOT ARTS program.

Countermeasure: Install Buffered Bike Lane	**ARTS #:** BP20	**CRF:** 36
Potential Segment Locations:		
▸ Segments of OR99E lacking bicycle facilities (all)		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $247,000 per 1,000 feet (one side)		
Countermeasure: Install Cycle Track	**ARTS #:** BP19	**CRF:** 47
Potential Segment Locations:		
▸ Segments of OR99E lacking bicycle facilities (all)		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: Protected intersection features should be considered at intersections with heavy turning volumes* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $269,000 per 1,000 feet (one side)		
Countermeasure: Install Urban Green Bike Lanes at Conflict Points	**ARTS #:** BP5	**CRF:** 39
Potential Segment Locations:		
▸ Driveway access points along OR99E with high-volume driveways		
Note: Countermeasure to be completed in conjunction with BP18, BP 19, or BP20		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $10,000 per 100 feet (one side)		

Countermeasure: Install Intersection Crossing Markings	**ARTS #:** NA[1]	**CRF:** 39[2]
Potential Intersection Locations:		
▸ Intersections along OR11 with approaching bicycle facilities		
Note: Only install in partnership with B18, BP19 or BP20		
Potential Affected Risk Fac tor and/or Conflict: Turning vehicles vs. bicycles		
Planning Level Countermeasure Cost: $50,000 per intersection		

Countermeasure: Install Bike Box at Conflict Points	**ARTS #:** BP6	**CRF:** 35
Potential Intersection Locations (Signalized):		
▸ S Pine Street ▸ Grant Street	▸ S Ivy Street ▸ S Elm Street	
Note: Countermeasure recommended only if BP18, BP19 <u>or</u> BP20 present		
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *<u>all-turning</u>* vehicles		
Planning Level Countermeasure Cost: $9,5000 (per approach)		

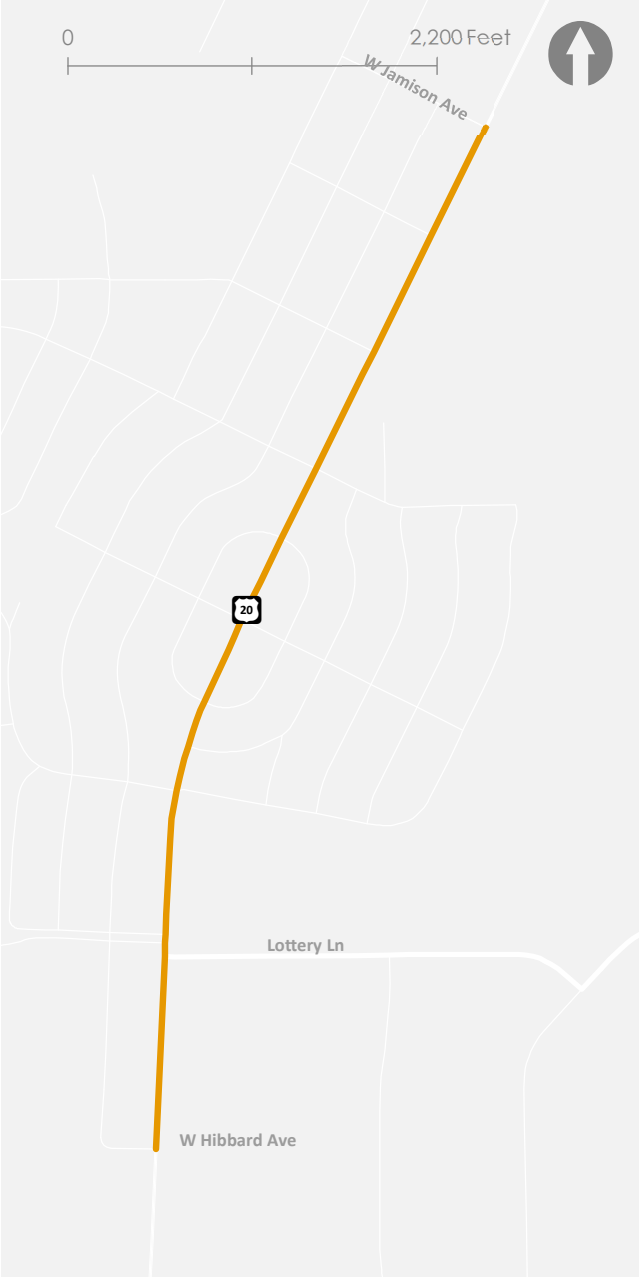
1. Countermeasure not identified as part of ODOT ARTS program.
2. CRF and cost estimate derived from BP5: Install Urban Green Bike Lanes at Conflict Points

20: Central Oregon Highway (US20), W Hibbard Avenue to W Jamison Avenue– Hines

Context: Rural	**ODOT Region:** 5	**Length:** 1.15 miles

Project Location

From Street: W Hibbard Avenue (MP: 128.49)	**To Street:** W Jamison Avenue (MP: 129.74)









20: Central Oregon Highway (US20), W Hibbard Avenue to W Jamison Avenue– Hines

Crash History (2007 – 2017)

0 Total Crashes (Bicyclist Involved)



Risk Factors Present:

- Principal Arterial **– ALL**
- Posted Speed (>=35 mph) **– ALL**
- Proximity to Schools (1 Mile) **– MOST**
- Proximity to Transit Stops (1/4 Mile) **– NONE**

Risk Score (Rank): 4.480 (Second 20%)

Potential Countermeasures

Countermeasure: Install Rectangular Rapid Flashing Beacon without Median (3-Lane or More Roadway) | **ARTS #:** BP9 | **CRF:** 10[1]

Potential Mid-Block / Unsignalized Crossing Locations *without* existing medians:

- N Circle Drive
- S Circle Drive

Potential Affected Risk Factor and/or Conflict: Midblock/unsignalized bicycle crossings vs. vehicles

Planning Level Countermeasure Cost: $69,000

Countermeasure: Provide Intersection Lighting | **ARTS #:** BP2 | **CRF:** 42

Potential Intersection Locations:

- W Bennett Avenue (north leg of the intersection)
- W Byrd Avenue (north leg of intersection)
- N Circle Drive
- S Circle Drive

Potential Affected Risk Factor and/or Conflict: Bicycle crossing vs. vehicles at night

Planning Level Countermeasure Cost: ~8,000 per intersection

1. CRF is for vehicle-pedestrian crashes. It is assumed that a similar reduction would apply to bicyclists crossing midblock similar to pedestrians. NCHRP Research Report 926 notes these beacons are useful for bicycles as well

Countermeasure: Install Buffered Bike Lane	**ARTS #:** BP20	**CRF:** 36
Potential Segment Locations:		
▸ Segments of US20 with existing on-street bike lanes (all)		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $247,000 per 1,000 feet (one side)		
Countermeasure: Install Urban Green Bike Lanes at Conflict Points	**ARTS #:** BP5	**CRF:** 39
Potential Segment Locations:		
▸ Driveway access points along US20 with high-volume driveways		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $10,000 per 100 feet (one side)		
Countermeasure: Install Intersection Crossing Markings	**ARTS #:** NA[1]	**CRF:** 39[2]
Potential Intersection Locations:		
▸ Intersections along US20 with approaching bicycle facilities		
Potential Affected Risk Fac tor and/or Conflict: Turning vehicles vs. bicycles		
Planning Level Countermeasure Cost: $50,000 per intersection		

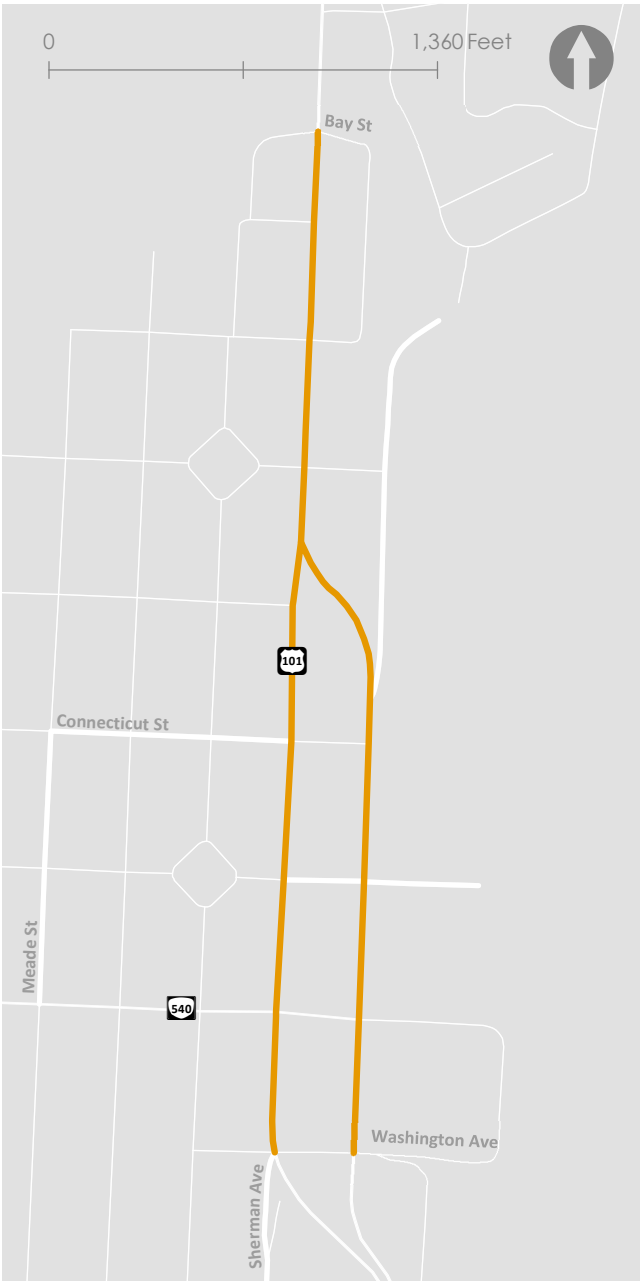
1. Countermeasure not identified as part of ODOT ARTS program.
2. CRF and cost estimate derived from BP5: Install Urban Green Bike Lanes at Conflict Points

21: Oregon Coast Highway (US101), Bay Street to Washington Avenue – North Bend

Context: Urban	**ODOT Region:** 3	**Length:** 1.10 miles

Project Location

From Street: Bay Street (MP: 234.81)	**To Street:** Washington Avenue (MP: 235.50)





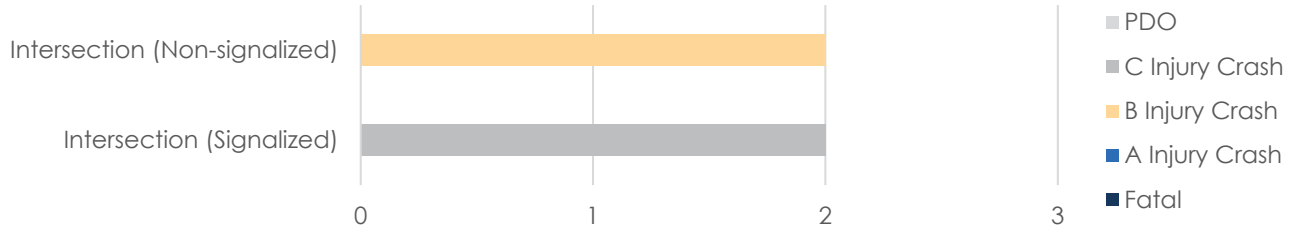




21: Oregon Coast Highway (US101), Bay Street to Washington Avenue – North Bend

Crash History (2007 – 2017)

4 Total Crashes (Bicyclist Involved)



Risk Factors Present:

- Principal Arterial **– ALL**
- Urban Minor Arterial **– NONE**
- Number of Lanes (>= 4 Lanes) **– MOST**
- Posted Speed (>=35 mph) **– NONE**
- No Bike Lane **– ALL**
- Mixed-Use Zoning **– NONE**
- High-Access Density (>80 driveways per mile) **– MOST**
- Proximity to Schools (1 Mile) **– ALL**
- Proximity to Transit Stops (1/4 Mile) **– MOST**

Risk Score (Rank): 6.176 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Bicycle Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- Florida Street
- Virginia Avenue

Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Prohibit Right-Turn-On-Red | **ARTS #:** BP21 | **CRF:** 41

Potential Intersection Locations (Signalized):

- Florida Street
- Virginia Avenue

Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *right-turning* vehicles

Planning Level Countermeasure Cost: ~$7,000 per intersection

Countermeasure: Install Bicycle Boulevard	**ARTS #:** BP23	**CRF:** 63
Potential Segment Locations:		
▸ This countermeasure should be implemented on a direct parallel route of US101 if one can be found that provides for longer-distance trips by bicycle.		
Note: A parallel route may not provide adequate access to local businesses on US101.		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $425,000 per 1000 feet		
Countermeasure: Install Bike Lanes	**ARTS #:** BP18	**CRF:** 36
Potential Segment Locations:		
▸ Segments of US101 lacking bicycle facilities (all)		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Countermeasure: Install Buffered Bike Lane	**ARTS #:** BP20	**CRF:** 36
Potential Segment Locations:		
▸ Segments of US101 lacking bicycle facilities (all)		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $247,000 per 1,000 feet (one side)		

Countermeasure: Install Cycle Track	**ARTS #:** BP19	**CRF:** 47
Potential Segment Locations:		
▸ Segments of US101 lacking bicycle facilities (all)		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: Protected intersection features should be considered at intersections with heavy turning volumes* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $269,000 per 1,000 feet (one side)		
Countermeasure: Install Urban Green Bike Lanes at Conflict Points	**ARTS #:** BP5	**CRF:** 39
Potential Segment Locations:		
▸ Driveway access points along US101 with high-volume driveways		
Note: Countermeasure to be completed in conjunction with BP18, BP 19, or BP20		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $10,000 per 100 feet (one side)		
Countermeasure: Install Bike Box at Conflict Points	**ARTS #:** BP6	**CRF:** 35
Potential Intersection Locations (Signalized):		
▸ Florida Street	▸ Virginia Avenue	
Note: Countermeasure recommended only if BP18, BP19 or BP20 present		
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *all-turning* vehicles		
Planning Level Countermeasure Cost: $9,5000 (per approach)		

Countermeasure: Install Intersection Crossing Markings	**ARTS #:** NA[1]	**CRF:** 39[2]
Potential Intersection Locations:		
▸ Intersections along US101 with approaching bicycle facilities		
Note: Only install in partnership with B18, BP19 or BP20		
Potential Affected Risk Fac tor and/or Conflict: Turning vehicles vs. bicycles		
Planning Level Countermeasure Cost: $50,000 per intersection		

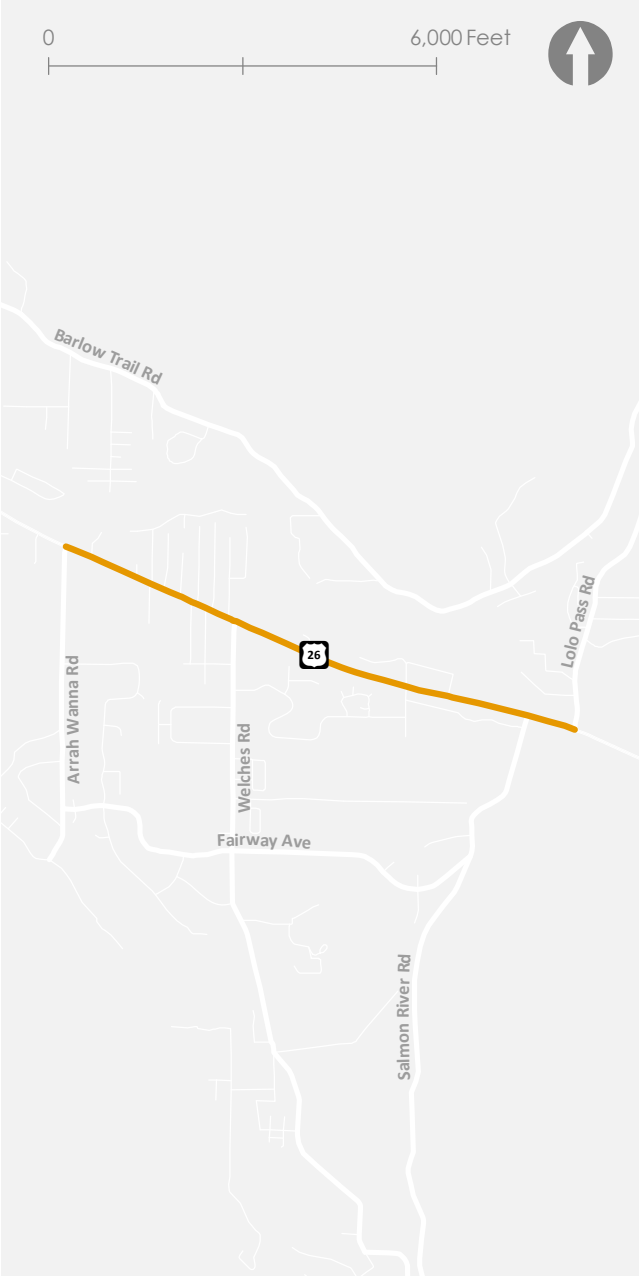
1. Countermeasure not identified as part of ODOT ARTS program.
2. CRF and cost estimate derived from BP5: Install Urban Green Bike Lanes at Conflict Points

22: Mt. Hood Highway (US26), E Arrah Wanna Boulevard to E Lolo Pass Road – Mt. Hood Villages

Context: Rural	**ODOT Region:** 1	**Length:** 1.59 miles

Project Location

From Street: E Arrah Boulevard (MP: 40.01)	**To Street:** E Lolo Pass Road (MP: 41.59)









22: Mt. Hood Highway (US26), E Arrah Wanna Boulevard to E Lolo Pass Road – Mt. Hood Villages

Crash History (2007 – 2017)

0 Total Crashes (Bicyclist Involved)



Risk Factors Present:

▸ Principal Arterial **– ALL** ▸ Posted Speed (>=35 mph) **– ALL**	▸ Proximity to Schools (1 Mile) **– MINOR** ▸ Proximity to Transit Stops (1/4 Mile) **– MOST**	**Risk Score (Rank):** 4.417 (Second 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Bicycle Interval at Signalized Intersections	**ARTS #:** BP3	**CRF:** 37

Potential Intersection Locations (Signalized):

- E Welches Road

Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41

Potential Intersection Locations (Signalized):

- E Welches Road

Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *right-turning* vehicles

Planning Level Countermeasure Cost: ~$7,000 per intersection

Countermeasure: Install Rectangular Rapid Flashing Beacon without Median (3-Lane or More Roadway)	**ARTS #:** BP9	**CRF:** 10[1]
Potential Mid-Block / Unsignalized Crossing Locations *without* existing medians:		
▸ E Arrah Wanna Boulevard	▸ E Salmon River Road	
Potential Affected Risk Factor and/or Conflict: Midblock/unsignalized bicycle crossings vs. vehicles		
Planning Level Countermeasure Cost: $69,000		
Countermeasure: Install Cycle Track	**ARTS #:** BP19	**CRF:** 47
Potential Segment Locations:		
▸ Segments of US26 with existing bicycle lane (all)		
*Note: Only **one** of BP19 or BP20 are recommended to be installed at a given location*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $269,000 per 1,000 feet (one side)		
Countermeasure: Install Buffered Bike Lane	**ARTS #:** BP20	**CRF:** 36
Potential Segment Locations:		
▸ Segments of US26 with existing bicycle lane (all)		
*Note: Only **one** of BP19 or BP20 are recommended to be installed at a given location*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $247,000 per 1,000 feet (one side)		
Countermeasure: Install Urban Green Bike Lanes at Conflict Points	**ARTS #:** BP5	**CRF:** 39
Potential Segment Locations:		
▸ Driveway access points along US26 with high-volume driveways		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $10,000 per 100 feet (one side)		

1. CRF is for vehicle-pedestrian crashes. It is assumed that a similar reduction would apply to bicyclists crossing midblock similar to pedestrians. NCHRP Research Report 926 notes these beacons are useful for bicycles as well

Countermeasure: Install Intersection Crossing Markings	**ARTS #:** NA[1]	**CRF:** 39[2]
Potential Intersection Locations:		
▸ Intersections along US26 with approaching bicycle facilities		
Note: Only install in partnership with B18, BP19 or BP20		
Potential Affected Risk Fac tor and/or Conflict: Turning vehicles vs. bicycles		
Planning Level Countermeasure Cost: $50,000 per intersection		

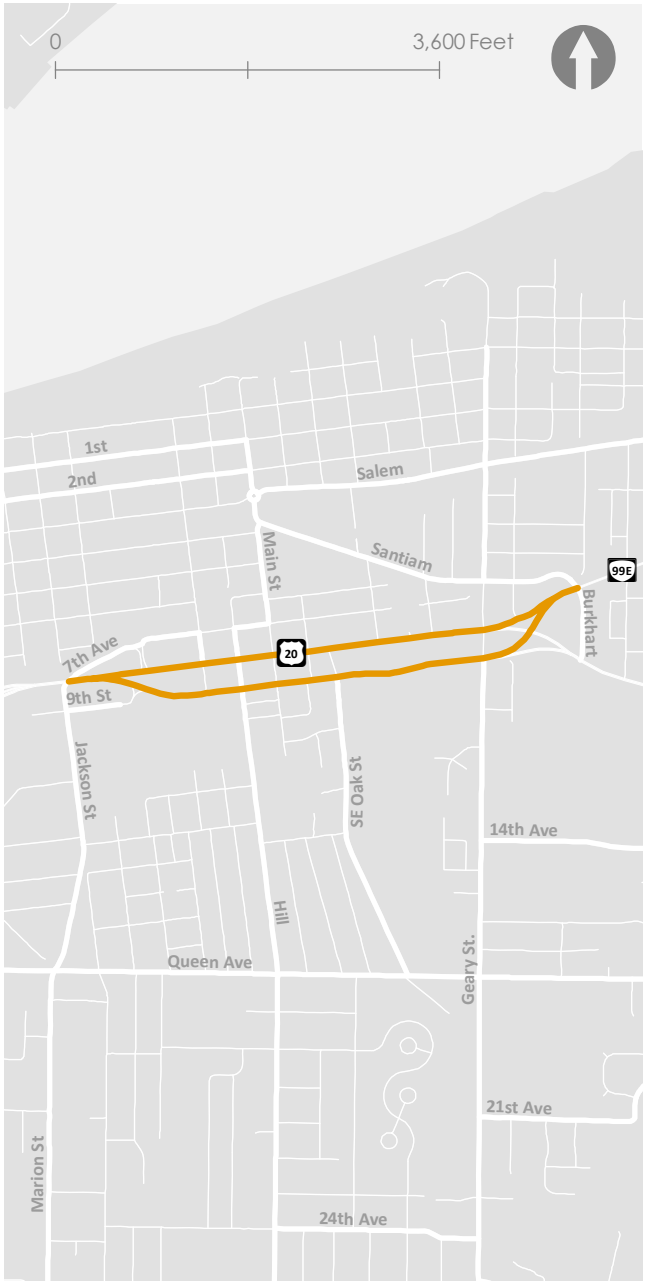
1. Countermeasure not identified as part of ODOT ARTS program.
2. CRF and cost estimate derived from BP5: Install Urban Green Bike Lanes at Conflict Points

23: Albany – Junction City Highway (US20), SE Burkhart Street to SE Jackson Street – Albany

Context: Urban	**ODOT Region:** 2	**Length:** 1.80 miles

Project Location

From Street: SE Burkhart Street (MP: 1.25)	**To Street:** SE Jackson Street (MP: 2.17)

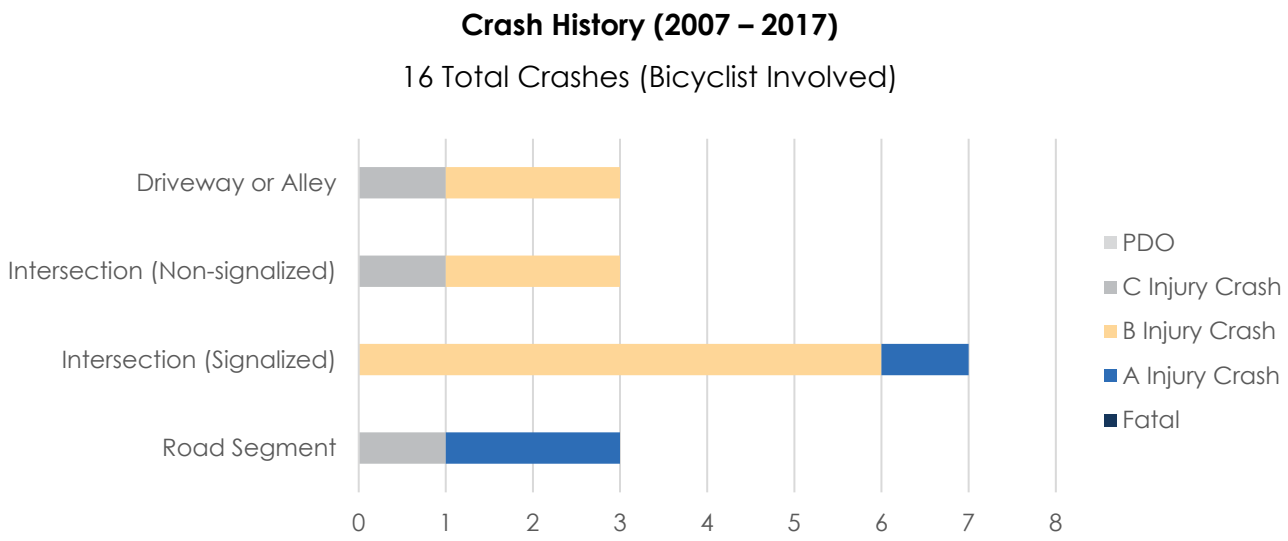








23: Albany – Junction City Highway (US20), SE Burkhart Street to SE Jackson Street – Albany



Risk Factors Present:

- Principal Arterial **– MOST**
- Urban Minor Arterial **– NONE**
- Number of Lanes (>= 4 Lanes) **– MINOR**
- Posted Speed (>=35 mph) **– ALL**
- No Bike Lane **– PARTIAL**
- Mixed-Use Zoning **– NONE**
- High-Access Density (>80 driveways per mile) **– MINOR**
- Proximity to Schools (1 Mile) **– ALL**
- Proximity to Transit Stops (1/4 Mile) **– ALL**

Risk Score (Rank): 4.899 (Second 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Bicycle Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- SE Hill Street
- SE Oak Street
- SE Geary Street
- Santiam Highway
- SE Burkhart Street

Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ SE Hill Street ▸ SE Oak Street	▸ SE Geary Street ▸ Santiam Highway	▸ SE Burkhart Street
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *right-turning* vehicles		
Planning Level Countermeasure Cost: ~$7,000 per intersection		
Countermeasure: Install Bike Lanes	**ARTS #:** BP18	**CRF:** 36
Potential Segment Locations:		
▸ Segments of US20 lacking bicycle facilities (partial)		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Countermeasure: Install Buffered Bike Lane	**ARTS #:** BP20	**CRF:** 36
Potential Segment Locations:		
▸ Segments of US20 with existing bicycle lane (all)		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $247,000 per 1,000 feet (one side)		
Countermeasure: Install Cycle Track	**ARTS #:** BP19	**CRF:** 47
Potential Segment Locations:		
▸ Segments of US20 lacking bicycle facilities (partial) and segments with existing bike lanes		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: Protected intersection features should be considered at intersections with heavy turning volumes* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $269,000 per 1,000 feet (one side)		

Countermeasure: Install Urban Green Bike Lanes at Conflict Points	**ARTS #:** BP5	**CRF:** 39
Potential Segment Locations:		
▸ Driveway access points along US20 with high-volume driveways		
Note: Countermeasure to be completed in conjunction with BP18, BP19, or BP20		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $10,000 per 100 feet (one side)		
Countermeasure: Install Intersection Crossing Markings	**ARTS #:** NA[1]	**CRF:** 39[2]
Potential Intersection Locations:		
▸ Intersections along US20 with approaching bicycle facilities		
Note: Only install in partnership with B18, BP19 or BP20		
Potential Affected Risk Fac tor and/or Conflict: Turning vehicles vs. bicycles		
Planning Level Countermeasure Cost: $50,000 per intersection		
Countermeasure: Install Bike Box at Conflict Points	**ARTS #:** BP6	**CRF:** 35
Potential Intersection Locations (Signalized):		
▸ SE Hill Street ▸ SE Oak Street	▸ SE Geary Street ▸ Santiam Highway	▸ SE Burkhart Street
Note: Countermeasure recommended only if BP18, BP19 or BP20 present		
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *all-turning* vehicles		
Planning Level Countermeasure Cost: $9,5000 (per approach)		

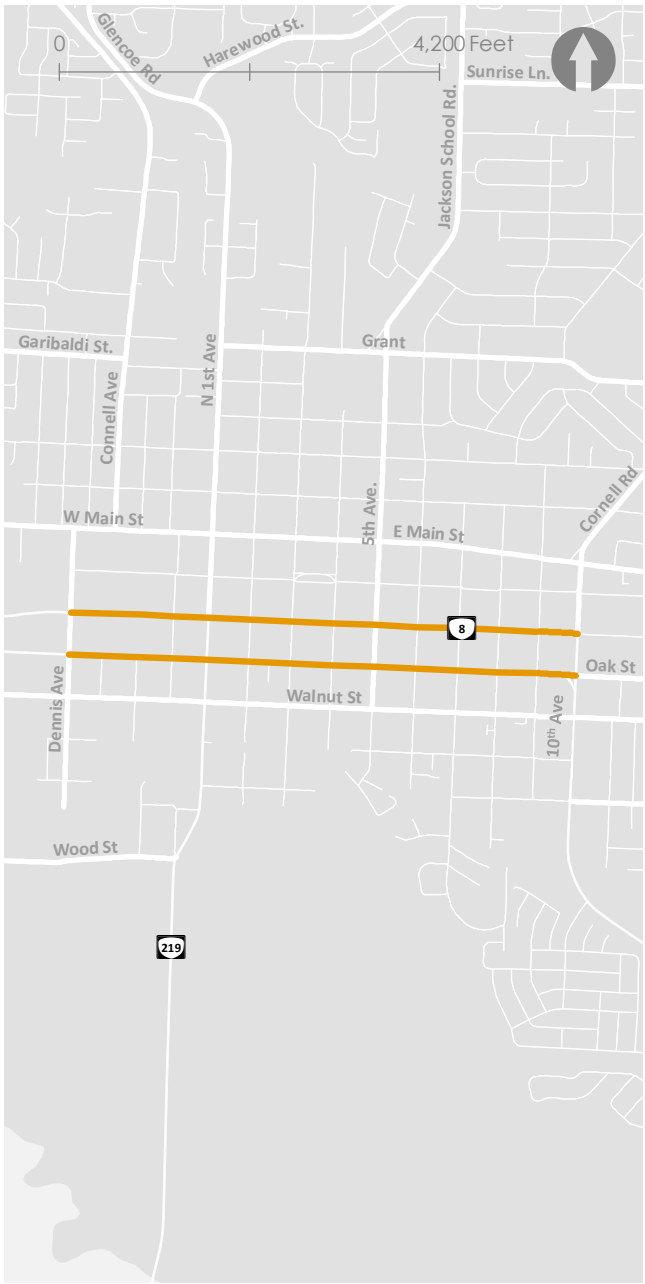
1. Countermeasure not identified as part of ODOT ARTS program.
2. CRF and cost estimate derived from BP5: Install Urban Green Bike Lanes at Conflict Points.

24: Tualatin Valley Highway (OR8), SE 10th Avenue to SW Dennis Avenue – Hillsboro

Context: Urban	**ODOT Region:** 1	**Length:** 2.12 miles

Project Location

From Street: SE 10th Avenue (MP: 12.53)	**To Street:** SW Dennis Avenue (MP: 13.58)





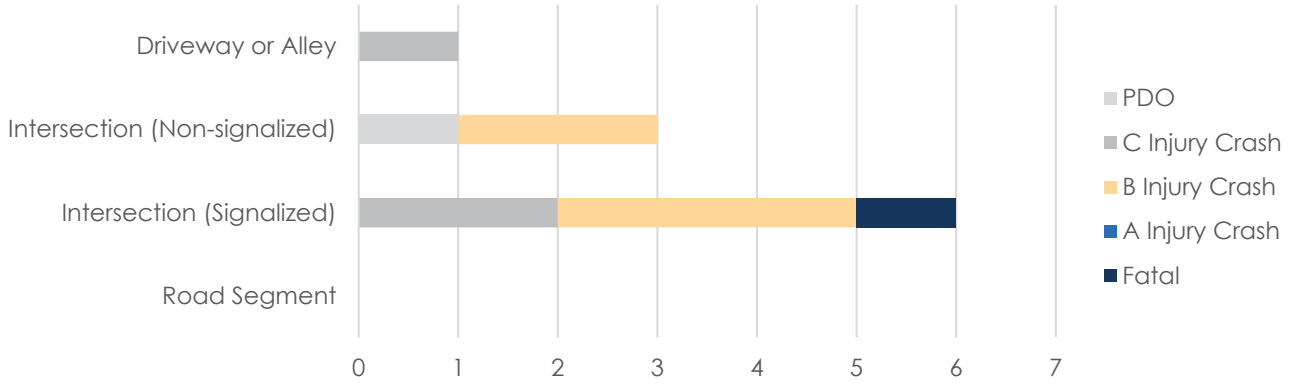




24: Tualatin Valley Highway (OR8), SE 10th Avenue to SW Dennis Avenue – Hillsboro

Crash History (2007 – 2017)

10 Total Crashes (Bicyclist Involved)



Risk Factors Present:

- Principal Arterial **– ALL**
- Urban Minor Arterial **– NONE**
- Number of Lanes (>= 4 Lanes) **– NONE**
- Posted Speed (>=35 mph) **– NONE**
- No Bike Lane **– ALL**
- Mixed-Use Zoning **– ALL**
- High-Access Density (>80 driveways per mile) **– MOST**
- Proximity to Schools (1 Mile) **– ALL**
- Proximity to Transit Stops (1/4 Mile) **– ALL**

Risk Score (Rank): 6.060 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Bicycle Interval at Signalized Intersections | **ARTS #:** BP3 | **CRF:** 37

Potential Intersection Locations (Signalized):

- SE 10th Avenue (east and westbound)
- SE 8th Avenue (westbound only)
- SE 7th Avenue (east and westbound)
- SE 5th Avenue (east and westbound)
- SE 3rd Avenue (east and westbound)
- SE 2nd Avenue (westbound only)
- SE 1st Avenue (east and westbound)
- SE Dennis Avenue (east and westbound)

Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ SE 10th Avenue (east and westbound) ▸ SE 8th Avenue (westbound only) ▸ SE 7th Avenue (east and westbound) ▸ SE 5th Avenue (east and westbound)	▸ SE 3rd Avenue (east and westbound) ▸ SE 1st Avenue (east and westbound) ▸ SE Dennis Avenue (east and westbound)	
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *right-turning* vehicles		
Planning Level Countermeasure Cost: ~$7,000 per intersection		
Countermeasure: Install Rectangular Rapid Flashing Beacon without Median (3-Lane or More Roadway)	**ARTS #:** BP9	**CRF:** 10[1]
Potential Mid-Block / Unsignalized Crossing Locations *without* existing medians:		
▸ SE 2nd Avenue (eastbound only) ▸ SE 4th Avenue (east and westbound)	▸ SE 6th Avenue (east and westbound) ▸ SE 9th Avenue (east and westbound)	
Potential Affected Risk Factor and/or Conflict: Midblock/unsignalized bicycle crossings vs. vehicles		
Planning Level Countermeasure Cost: $69,000		
Countermeasure: Install Bicycle Boulevard	**ARTS #:** BP23	**CRF:** 63
Potential Segment Locations:		
▸ This countermeasure should be implemented on a direct parallel route of OR8 if one can be found that provides for longer-distance trips by bicycle.		
Note: A parallel route may not provide adequate access to local businesses on OR8.		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $425,000 per 1000 feet		

1.CRF is for vehicle-pedestrian crashes. It is assumed that a similar reduction would apply to bicyclists crossing midblock similar to pedestrians. NCHRP Research Report 926 notes these beacons are useful for bicycles as well

Countermeasure: Install Bike Lanes	**ARTS #:** BP18	**CRF:** 36
Potential Segment Locations:		
▸ Segments of OR8 lacking bicycle facilities (all)		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Countermeasure: Install Cycle Track	**ARTS #:** BP19	**CRF:** 47
Potential Segment Locations:		
▸ Segments of OR8 lacking bicycle facilities (all)		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: Protected intersection features should be considered at intersections with heavy turning volumes* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $269,000 per 1,000 feet (one side)		
Countermeasure: Install Buffered Bike Lane	**ARTS #:** BP20	**CRF:** 36
Potential Segment Locations:		
▸ Segments of OR8 with existing bicycle lane (all)		
*Note: Only **one** of BP18, BP19 or BP20 are recommended to be installed at a given location* *Note: A roadway reorganization would be required to fit on-street bicycle facilities*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $247,000 per 1,000 feet (one side)		
Countermeasure: Install Urban Green Bike Lanes at Conflict Points	**ARTS #:** BP5	**CRF:** 39
Potential Segment Locations:		
▸ Driveway access points along OR8 with high-volume driveways		
Note: Countermeasure to be completed in conjunction with BP18, BP 19, or BP20		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $10,000 per 100 feet (one side)		

Countermeasure: Install Intersection Crossing Markings	**ARTS #:** NA[1]	**CRF:** 39[2]
Potential Intersection Locations:		
▸ Intersections along OR8 with approaching bicycle facilities		
Note: Only install in partnership with B18, BP19 or BP20		
Potential Affected Risk Fac tor and/or Conflict: Turning vehicles vs. bicycles		
Planning Level Countermeasure Cost: $50,000 per intersection		
Countermeasure: Install Bike Box at Conflict Points	**ARTS #:** BP6	**CRF:** 35
Potential Intersection Locations (Signalized):		
▸ SE 10th Avenue (east and westbound) ▸ SE 8th Avenue (westbound only) ▸ SE 7th Avenue (east and westbound) ▸ SE 5th Avenue (east and westbound)	▸ SE 3rd Avenue (east and westbound) ▸ SE 2nd Avenue (westbound only) ▸ SE 1st Avenue (east and westbound) ▸ SE Dennis Avenue (east and westbound)	
Note: Countermeasure recommended only if BP18, BP19 <u>or</u> BP20 present		
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. <u>*all-turning*</u> vehicles		
Planning Level Countermeasure Cost: $9,5000 (per approach)		
Countermeasure: Access Management (>48 per Mile to 26-48 per Mile)	**ARTS #:** H30	**CRF:** 29
Potential Segment Locations:		
▸ Segments of OR8 with high levels of commercial access (partial)		
Potential Affected Risk Factor and/or Conflict: Vehicle vs. bicycle crashes at driveways		
Planning Level Countermeasure Cost: Case by case basis[3]		

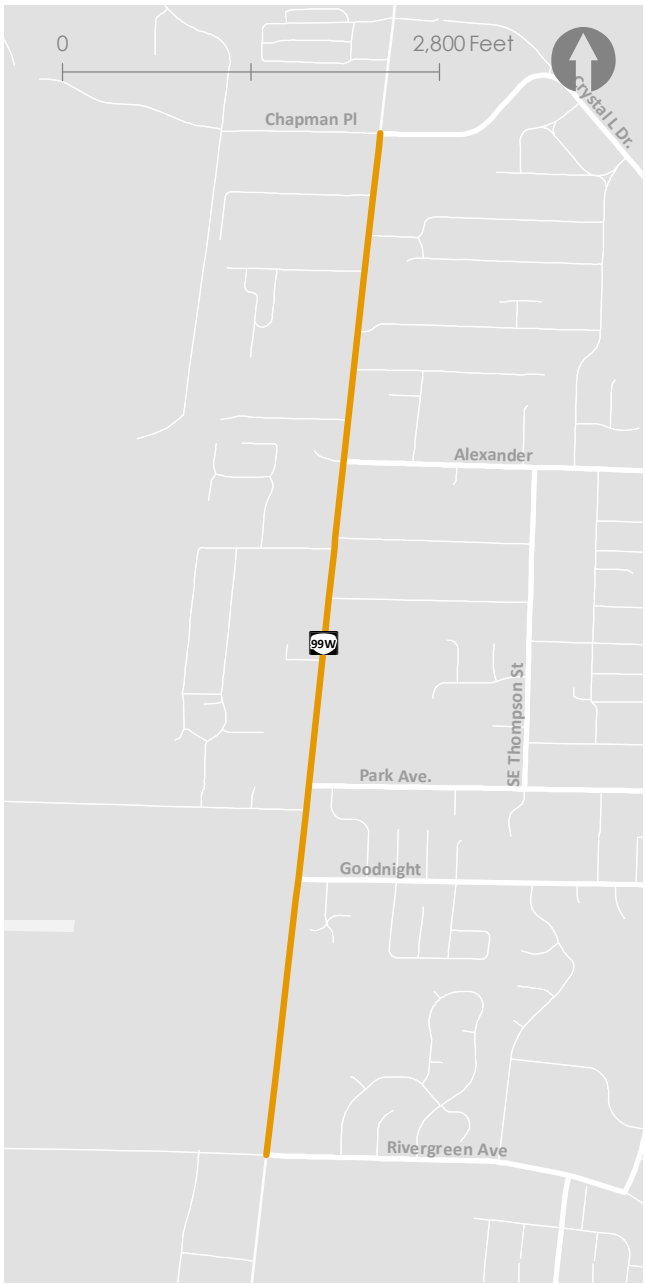
1. Countermeasure not identified as part of ODOT ARTS program.
2. CRF and cost estimate derived from BP5: Install Urban Green Bike Lanes at Conflict Points
3. Cost specific to context and number of access points.

25: Pacific Highway West (OR99W), SE Chapman Place to SE Rivergreen Avenue – Corvallis

Context: Urban	**ODOT Region:** 2	**Length:** 1.44 miles

Project Location

From Street: SE Chapman Place (MP: 84.33)	**To Street:** SE Rivergreen Avenue (MP: 85.94)





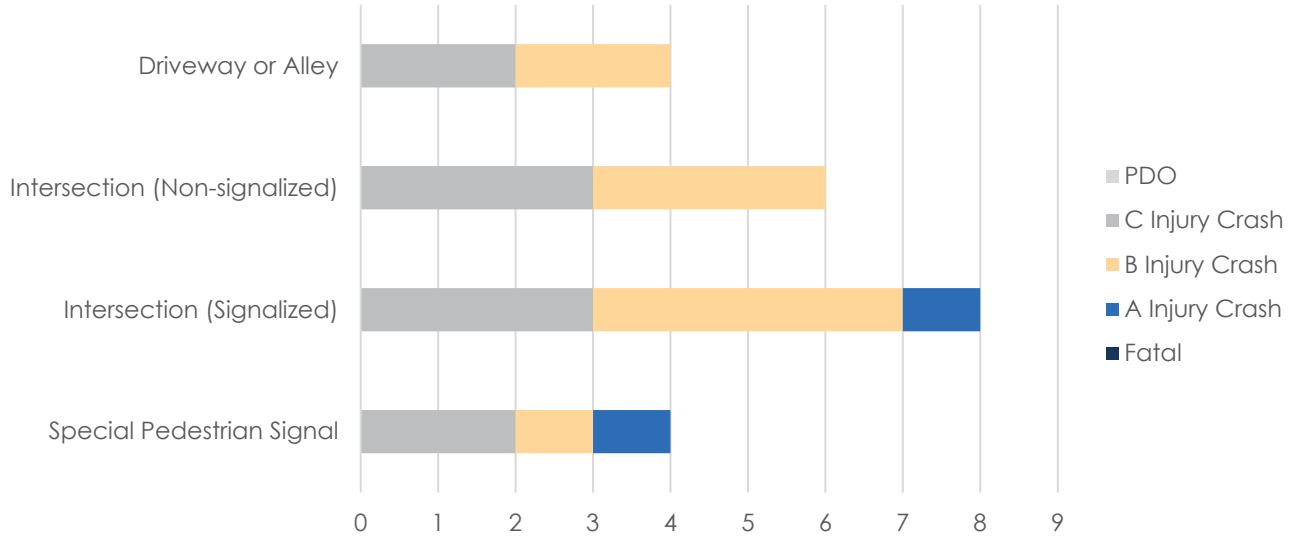




25: Pacific Highway West (OR99W), SE Chapman Place to SE Rivergreen Avenue – Corvallis

Crash History (2007 – 2017)

22 Total Crashes (Bicyclist Involved)



Risk Factors Present:

- Principal Arterial – **ALL**
- Urban Minor Arterial – **NONE**
- Number of Lanes (>= 4 Lanes) – **ALL**
- Posted Speed (>=35 mph) – **ALL**
- No Bike Lane – **NONE**
- Mixed-Use Zoning – **NONE**
- High-Access Density (>80 driveways per mile) – **MINOR**
- Proximity to Schools (1 Mile) – **ALL**
- Proximity to Transit Stops (1/4 Mile) – **ALL**

Risk Score (Rank): 5.538 (Top 20%)

Potential Countermeasures

Countermeasure: Install Urban Leading Bicycle Interval at Signalized Intersections	**ARTS #:** BP3	**CRF:** 37

Potential Intersection Locations (Signalized):

- SW Avery Avenue
- SE Alexander Avenue

Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. turning vehicles at signalized intersections

Planning Level Countermeasure Cost: ~$1,000/intersection

Countermeasure: Prohibit Right-Turn-On-Red	**ARTS #:** BP21	**CRF:** 41
Potential Intersection Locations (Signalized):		
▸ SW Avery Avenue	▸ SE Alexander Avenue	
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *right-turning* vehicles		
Planning Level Countermeasure Cost: ~$7,000 per intersection		
Countermeasure: Provide Protected Left-Turn Phase	**ARTS #:** N/A[1]	**CRF:** 31
Potential Intersection Locations (Signalized):		
▸ SE Alexander Avenue		
Potential Affected Risk Factor and/or Conflict: Bicycle vs. turning vehicle at four-leg signalized intersections		
Planning Level Countermeasure Cost: Cost varies based on existing signal equipment and intersection condition.		
Countermeasure: Install Buffered Bike Lane	**ARTS #:** BP20	**CRF:** 36
Potential Segment Locations:		
▸ Segments of OR99W with existing bike lanes (all)		
*Note: Only **one** of BP19 or BP20 are recommended to be installed at a given location* *Note: Travel lane narrowing would be required to fit buffered bike lanes*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $247,000 per 1,000 feet (one side)		

1.Countermeasure not identified as part of ODOT ARTS program.

Countermeasure: Install Cycle Track	**ARTS #:** BP19	**CRF:** 47
Potential Segment Locations:		
▸ Segments of OR99W with existing bike lanes (all)		
*Note: Only **one** of BP19 or BP20 are recommended to be installed at a given location* *Note: Protected intersection features should be considered at intersections with heavy turning volumes* *Note: A roadway reorganization would be required to fit cycle tracks.*		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $269,000 per 1,000 feet (one side)		
Countermeasure: Install Urban Green Bike Lanes at Conflict Points	**ARTS #:** BP5	**CRF:** 39
Potential Segment Locations:		
▸ Driveway access points along OR99W with high-volume driveways		
Potential Affected Risk Factor and/or Conflict: Cycling in road or on shoulder crashes		
Planning Level Countermeasure Cost: $10,000 per 100 feet (one side)		
Countermeasure: Install Intersection Crossing Markings	**ARTS #:** NA[1]	**CRF:** 39[2]
Potential Intersection Locations:		
▸ Intersections along OR99W with approaching bicycle facilities		
Potential Affected Risk Factor and/or Conflict: Turning vehicles vs. bicycles		
Planning Level Countermeasure Cost: $50,000 per intersection		
Countermeasure: Install Bike Box at Conflict Points	**ARTS #:** BP6	**CRF:** 35
Potential Intersection Locations (Signalized):		
▸ SW Avery Avenue	▸ SE Alexander Avenue	
Potential Affected Risk Factor and/or Conflict: Bicycle crossings vs. *all-turning* vehicles		
Planning Level Countermeasure Cost: $9,5000 (per approach)		

1. Countermeasure not identified as part of ODOT ARTS program.
2. CRF and cost estimate derived from BP5: Install Urban Green Bike Lanes at Conflict Points

Task 5 Memorandum

PERFORMANCE MEASURES

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MEMORANDUM

Date: November 19, 2020 Project #: 23900

To: Doug Bish, Christina McDaniel-Wilson, Amanda Salyer, Susan Peithman, *Oregon Department of Transportation*; Darren McDaniel, *Texas Department of Transportation;* Ann Hartell, Sid Mohan, *National Cooperative Highway Research Program*

From: Nick Gross, Matt Braughton, RSP, Nick Foster, AICP, RSP, and Brian L. Ray, PE, *Kittelson & Associates, Inc.*

Project: NCHRP 20-44(13): Implementation of NCHRP Research Report 893: The Oregon DOT Statewide Pedestrian and Bicycle Plan

Subject: Task 5 Performance Measures Memorandum

PERFORMANCE MEASURES

Establishing performance measures to monitor the effectiveness of transportation investment is a key component to the success of a systemic safety approach. The final step (Step 7) in the *NCHRP Research Report 893: Systemic Pedestrian Safety Analysis* (2018) process is evaluating program and project impacts. This evaluation is best conducted by establishing a performance-based approach to decide what performance measures are most relevant to the context of the project and which performance measures make most sense to track.

Performance measures can be separated into two categories: Program Implementation Measures, and Program Outcome Measures. Each of these is discussed further below.

Performance monitoring can also extend beyond safety-focused measures. Evaluating projects beyond a safety perspective and considering how it supports connectivity, reliability, and other bicycle transportation goals is recommended. A toolbox of recommended performance measures is documented in FHWA's *Guidebook for Developing Pedestrian and Bicycle Performance Measures* (FHWA, 2016). Additionally, ODOT is currently developing its own performance measures. These performance measures should be considered when evaluating the systemic program.

Program Implementation Measures

Program implementation measures include evaluating progress made in implementing the program. Program implementation measures can be used to track the success of a program's funding, application, and percentage complete. Potential program implementation measures are shown in Table 1.

Evaluating implementation can be started immediately after funding is allocated. Feedback from ODOT Regions and local agencies is already being used to identify opportunities for improving the ARTS program (DKS Associates, 2018).

Program Outcome Measures

Program outcome measures evaluate the success of the program in achieving its goals (i.e., reducing pedestrian and bicyclist fatalities and injuries). Program outcome measures can be used to track safety metrics, such as crashes or injuries, as they relate to specific roadway characteristics (i.e., segment vs. intersection, functional classification, or posted speed). Table 2 summarizes the program outcome measures ODOT intends to use.

Evaluating the outcomes of the program may take longer than evaluating implementation. Because the relatively low number of pedestrian and bicycle crashes occurring every year, it may take some time to gather enough data to show that there is a clear trend.

Table 1: Program Implementation Measures

Implementation Measure	How It Will be Tracked?	When Will It Be Done (Frequency and/or Timing)?	Notes
Funding - Systemic Pedestrian Safety Projects	▸ Measure dollars spent on Systemic Pedestrian Safety Projects ▸ Measure portion of safety funds spent on Systemic Pedestrian Safety Projects ▸ Measure number of funded Systemic Pedestrian Safety Projects	ODOT is not prepared to undertake this effort until project programming changes are in place to make this measure accurate and reliable.	▸ ODOT is working on changes to coding within funding tracking to allow for better reporting of Safety funding by type ▸ May be difficult to capture safety funds spent on projects that affect safety for multiple modes
Funding - Systemic Bicycle Safety Projects	▸ Measure dollars spent on Systemic Bicycle Safety Projects ▸ Measure portion of safety funds spent on Systemic Bicycle Safety Projects ▸ Measure number of funded Systemic Bicycle Safety Projects		
Applications – Systemic Pedestrian ARTS	▸ Number of ARTS applications submitted for Systemic Pedestrian Safety Projects	At the end of each ARTS cycle	▸
Applications – Systemic Bicycle ARTS	▸ Number of ARTS applications submitted for Systemic Bicycle Safety Projects		
Implementation – Systemic Pedestrian Safety Projects	▸ Number of Systemic Bicycle Safety Projects implemented ▸ Is the process being implemented as intended? ▸ Number of Systemic Pedestrian Safety Projects implemented	At the end of each ARTS cycle	▸
Implementation – Systemic Bicycle Safety Projects			
Barriers to Implementation – Systemic Pedestrian Safety Projects	▸ Is the process being implemented as intended? What lessons have been learned? ▸ Documentation; ODOT ARTS Annual Summary Report ▸ Challenges documented through communication with local jurisdictions	At the end of each ARTS cycle	▸ ODOT will evaluate whether the process and measures described in the Pedestrian and Bicycle Safety Implementation Plan are being implemented as intended. This will be a qualitative assessment. ODOT will assess how to better implement the process or if the process should be adapted to better match practical realities.
Barriers to Implementation – Systemic Bicycle Safety Projects	▸ Is the process being implemented as intended? What lessons have been learned? ▸ Documentation; ODOT ARTS Annual Summary Report ▸ Challenges documented through communication with local jurisdictions		
Top 40% Risk Factor Sites – Systemic Pedestrian Safety	▸ Percentage of locations in Top 40% risk factor scores that have been treated	ODOT is not prepared to undertake this effort until project programming changes are in place to make this measure accurate and reliable.	▸ ODOT is working on changes to project delivery tracking to allow for better reporting of Safety projects by type and location ▸ ODOT could consider incorporating sites from the top 40% risk factor sites into the upcoming multimodal corridor program.
Top 40% Risk Factor Sites – Systemic Bicycle Safety	▸ Percentage of locations in Top 40% risk factor scores that have been treated		

Table 2: Program Outcome Measures

Implementation Measure	How It Will be Tracked?	Breakouts By:	When It Will Be Done (Frequency and/or Timing)?
Bicycle Fatal and Serious Injuries	Number of bicycle fatal and serious injuries	▸ Roadway location (i.e. segment vs. intersection) ▸ Functional Classification ▸ Posted Speed (<35mph and >= 35 mph) ▸ Population 65 years and older ▸ Roadway ownership (i.e. State vs. non-State), including breakouts by urban and Rural	Annually
Pedestrian Fatal and Serious Injuries	Total number of pedestrian fatal and serious injuries		
Bicycle-involved Fatal and Serious Crashes	Number of bicycle fatal and serious crashes	▸ Roadway location (i.e. segment vs. intersection) ▸ Functional Classification ▸ Posted Speed (<35mph and >= 35 mph) ▸ Population 65 years and older ▸ Roadway ownership (i.e. State vs. non-State), including breakouts by urban and Rural	Annually
Pedestrian Fatal and Serious Crashes	Total number of pedestrian fatal and serious crashes		

Using Program Outcome Measures to Evaluate the Effectiveness of Treatments

The measures shown in Table 2 can also be used to evaluate the effectiveness of specific treatments. To do so will likely require pooling data across multiple treated sites over multiple before and after years to gain a meaningful sample size. Evaluating the effectiveness of a treatment also requires isolating the effect of the treatment, which can be difficult when multiple treatments are implemented at a single location (e.g., installing RRFBs at multiple locations, some with medians and some without). The *Highway Safety Manual* provides further information on evaluating the effectiveness of treatments through before-after and other studies.