

Application for OTIA funding

Agency: Benton County
Bridge ID: ODOT Bridge No 14497
Bridge Name: Price Creek Road (Price Creek) Bridge

Contents

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- Bridge Prospectus Cost Estimate
- Bridge Prospectus – Additional information with Local Agency Funding Preference and Regional Freight Corridor Analysis (Detour map identifies State Highways)
- Requested Changes to NBIS Data – Bridge has been posted for 12 tons and for use of one lane with seasonal closures until bridge is replaced.
- Detour Map and Detour length
- Vehicle and Truck Average Daily Traffic Data and Report
- Photos showing the Candidate Bridge from each approach, upstream and downstream sides and the underside of the bridge
- Recent Board of Commissioners Order for Posting of the Bridge for 12 tons and seasonal closure
- Load Rating Summary Report Page
- Recent Bridge Inspection Report





PROJECT PROSPECTUS

Part 1 — Project Request (Page 1 of 2)

Section: PRICE CREEK ROAD BRIDGE, ODOT Bridge No 14497						Key Number:		Jurisdiction:			
State Highway No.: NA Highway Name: NA						Region: 2		Area: Cascades West		District: 4	
Mile Point						From: 1.00		To: 1.02		Length: (mi) (km) 0.04	
<input type="checkbox"/> Urban <input checked="" type="checkbox"/> Rural		City: NA		MPO: NA		Wakia UGB: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		County: BENTON		Road/Street Name: Price Creek Rd at M.P. 1.0 - Bridge #14497	
Route No.: Benton Co. # 06054		NHS: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HPMS:		FC: 9		Applicant (if other than State): BENTON COUNTY			
US Congressional District: 4				State Senate District: 12				State Representative District: 23			
Cost Estimates (x \$ 1,000)			Project Components				Right Of Way				
Preliminary Engineering \$97			Grading		x		Files (#)		1		
Right Of Way \$2			Paving		x		Hectares (#)		0.5		
Utility Reimbursement			Structures		x		Relocations (#)				
			Signing		x		Acquisitions (#)				
Roadway \$54			Signals		NA		Easements (#)				
Structures \$238			Illumination		NA		Work By: State / Consultant / Applicant				
Signals \$0							Preliminary Engineering (S,C,A)		C & A		
Illumination \$0							Construction Engineering (S,C,A)		C & A		
Temp. Protection \$11							Right of Way Descriptions (S,C,A)		A		
Const. Contingencies \$85							Right Of Way Acquisitions (S,C,A)		A		
Const. Engineering \$51			Project Categories				Constructed By				
Remove Exist Bridge \$13			Environmental Class (1, 2, 3, PCE)		2		<input checked="" type="checkbox"/> Contract		<input checked="" type="checkbox"/> County Force		
Other \$24			Design Category (1-7)				<input type="checkbox"/> State Force		<input type="checkbox"/> Other		
Total CE and Construction: \$475			Work Type Code (1-13)				<input type="checkbox"/> City Force				
Total Estimate: \$ 574			Primary STIP Work Type:								
Recommended Let Date By Federal Fiscal Year (Quarter-Year):						0002/2005					
PE Fund:			R/W Fund:			UR Fund:			CE-CN Fund:		
PE EA:			R/W EA:			UR EA:			CE-CN EA:		
Item		Existing	Proposed	Define The Problem:							
Travel Lanes (#)		2	2	The bridge timber substructure was constructed in 1961 and needs to be replaced. The bridge is posted for 12 tons. Traffic is presently restricted to one lane as the outside pilings and stringers have failed. The bridge is seasonally closed since the center bent supported by a temporary substructure may wash out during a large storm event. The end walls and center bent are constructed in a manner that restricts flow through the bridge creating high water velocities which erode the foundation of the middle bent and the banks. The guardrail needs to be upgraded. The seasonal closure of this bridge provides a lengthy detour for emergency and fire response, school buses, and commercial carriers. Price Cr Rd provides access to valuable natural resources located on an area of over 10,000 acres.							
Structures (#)		1	1								
Signals (#)		0	0								
Bike Way (#)		NA	NA								
Average Daily Traffic		64	110								
Year of ADT		2003	2005								
Throughway Y/N		N	NA								
Describe Proposed Solution: - Attach Sketch Map											
It is proposed to replace the existing timber bridge with a prestressed concrete slab bridge. The existing backwalls will be removed to provide a larger naturalized river channel and eliminate a flooding and streambed erosion problem. This will increase the existing bridge length from 34 ft to 60 ft. This bridge replacement will increase to load rating to accommodate commercial forestry equipment. A guard rail and approach will meet current standards.											
Prepared By: C. R. Knoll, P.E.			Date: 10/13/2003			OTC Approval Date:			Program Year:		Funding Amount:



PROJECT PROSPECTUS

Part 1 Project Request (Page 2 of 2)

Key Number:

Jurisdiction:

Section: PRICE CREEK ROAD BRIDGE, ODOT Bridge No 14497

Region:
2

Area:
Cascades West

District:
4

Project Justification

The Price Creek Road Bridge crosses Price Creek at Benton County Milepost 1.0. The bridge is listed as ODOT Bridge No. 14497. It is a timber bridge with wood deck and AC overlay built in 1961. Travel is presently restricted to the middle of the bridge as the outside piling has failed and the outer edge of the deck is rotten. The bridge is also closed from November to May each year since the temporary center bent may wash out during a winter storm event. The bridge is inspected each May prior to reopening the bridge each year for the summer and fall. The bridge provides access from OR HWY 223 to local residents and to natural resources in this area located on over 10,000 acres. The bridge when closed requires a detour of 6 miles for emergency vehicles, school buses and commercial equipment. The only economical alternative is to replace the bridge as nothing is salvageable due to the bridges deteriorated condition and improper design. The present bridge configuration restricts flow and creates streambed and bank erosion. Proper replacement of the structure will return the stream channel to its naturalized condition.

Additional Information For Project Requested By Local Jurisdictions

Responsible Local Office To Be Contacted For The Following Activities:

- | | | |
|--|----------------|---------------|
| 1. Public Hearing /
Citizen Involvement | _____ (Office) | _____ (Phone) |
| 2. Environmental / Planning | _____ (Office) | _____ (Phone) |
| 3. Pre-Engineering | _____ (Office) | _____ (Phone) |

This Official Request is From:

City of: _____

and/or BENTON _____ County

By: _____

By: *C R Knoll*
C. R. Knoll, PE, Senior Engineer

By: _____

By: Roger Irvin, PE, Director of Public Works

By: _____

Applicable Intergovernmental Agreements:

IGA Number:

Jurisdiction Name:

Agreement Date:

Administrative Recommendation

Bridge Prospectus Cost Estimate

Applicant: Project / Section		NBIS Bridge No. 14497		Region: 2	Area: Cascades West	District: 4
BENTON COUNTY PRICE CREEK ROAD BRIDGE, ODOT Bridge No 14497						
New Bridge / Roadway Configuration:						
Left Side Rail	1.5 feet	Existing Bridge:		Bridge Length	34 feet	
Left Sidewalk	0 feet	Bridge Width		22 feet		
Shoulder	5.5 feet	Area		748 square ft.		
Lane 2	0 feet	New AC Top Width		33 feet		
Lane 1	11 feet	New AC Depth		4 inches		
--CL--	0 feet	New Base Depth		15 inches		
Lane 1	11 feet	Project Length		234 feet		
Lane 2	0 feet	Net Road Work Length		200 feet		
Shoulder	5.5 feet	X-S Side Slope		4.00:1		
Right Sidewalk	0 feet	AC Avg Width		24 feet		
Right Side Rail	1.5 feet	Base Avg Width		27 feet		
Bridge Length	60 feet	Asphalt Density		150 pounds/ cu ft		
Bridge Width	36 feet	Base Density		144 pounds/ cu ft		
New Area	2160 square ft.	New AC Required		140.4 tons		
		New Base Required		486 tons		
COST ESTIMATE:						
Right-of-Way	1	Acre	Price per unit	\$ 4,000	Cost (\$x1000s)	\$2
==Roadway==						
Clear & Grub	\$ 4,000	lump sum				\$4
General Excavation	298	cubic yards	\$ 19.00			\$6
Embankment in Place	-	cubic yards				\$0
Pavement Removal	-	square feet				\$0
Aggregate Base	536	tons	\$ 18.00			\$10
Asphalt Concrete	140	tons	\$ 49.00			\$7
Riprap	100	cubic yards	\$ 40.00			\$4
Guardrail, Type 2A		feet				\$0
Guardrail, Type 3		feet				\$0
Guardrail Trans		feet				\$0
Flared Terminals	4	each	\$ 6,000.00			\$24
Subtotal Roadway						\$54
Structures	2,160	square feet	\$ 110.00			\$238
Signals	\$ -	lump sum				\$0
Illumination	\$ -	lump sum				\$0
Temporary Protection	\$ 11,000	lump sum				\$11
Remove Existing Bridge	\$ 748	square feet	17			\$13
Mobilization (9%)	\$ 24,000	lump sum				\$24
Other		lump sum				\$0
Subtotal Structures						\$285
Subtotal Construction						\$340
==Engineering==						
Construction Engineering	15	percent of construction				\$51
Contingency	25	percent of construction				\$85
Subtotal Const. Eng.						\$136
Preliminary Engineering Consultant	20	percent of construction				\$68
State	-	percent of construction				\$0
County	9	percent of construction				\$29
Subtotal PE						\$97
Total Estimate						\$574

Bridge Project Prospectus Additional Bridge Information

Applicant: BENTON COUNTY		NBIS Bridge Number: 14497				
Project Name / Section: PRICE CREEK ROAD BRIDGE, ODOT Bridge No 14497		Region: 2	Area: Cascades West			
		District: 4				
Funding Preferred Source: <input checked="" type="checkbox"/> OTIA III <input type="checkbox"/> Federal HBRR Acceptable Source: <input checked="" type="checkbox"/> OTIA III <input type="checkbox"/> Federal HBRR	Heavy Vehicle Usage <table style="width: 100%; border: none;"> <tr> <td style="text-align: center;">Existing</td> <td style="text-align: center;">Proposed</td> </tr> <tr> <td>Truck AADT: <input style="width: 50px; text-align: center;" type="text" value="3"/></td> <td><input style="width: 50px; text-align: center;" type="text" value="100"/></td> </tr> </table> Fire Truck Usage: <input type="checkbox"/> YES, at least 25% of trips use bridge. <input checked="" type="checkbox"/> No. Less than 25% of trips	Existing	Proposed	Truck AADT: <input style="width: 50px; text-align: center;" type="text" value="3"/>	<input style="width: 50px; text-align: center;" type="text" value="100"/>	Detour Detour Route: Length: <input style="width: 50px; text-align: center;" type="text" value="6 miles"/> Map: (Please attach map)
Existing	Proposed					
Truck AADT: <input style="width: 50px; text-align: center;" type="text" value="3"/>	<input style="width: 50px; text-align: center;" type="text" value="100"/>					
Regional Freight Corridor Analysis:						
<p>Price Creek Road is accessed from Kings Valley Highway OR HWY 223. Kings Valley Highway connects to OR HWY 20 to the South and also connects to OR HWY 99W to the East by way of Maxfield Creek Road, which is a county road. The heavy vehicle usage of Price Creek Road will increase during periods of forestry management practice activity and agricultural harvesting activities. This is estimated to be 100 vehicles per day for over a 2 to 6 month period. Property owners that account for up to 10,000 acres accessed by Price Creek Road have indicated that this is estimated to occur starting in 2006. This will create jobs associated with forest management operations. See Special Considerations below for traffic study information regarding vehicle and truck traffic on Price Creek Road. The combination of Price Creek Road and Pit Road also provide a road detour should a section of Kings Valley Highway or Maxfield Creek Road need to be closed for repairs or for an emergency.</p>						
Special Consideration:						
<p>Emergency Route: Price Creek Bridge provides bridge the primary route to an area of approximately 10,000 acres by fire trucks and emergency equipment due to the location of the local fire department as well as the location of the emergency equipment and water trucks owned by the timber companies with property in this area.</p>						
Traffic Study Information Summary:						
<p>A traffic Study was completed on for Price Creek Road as well as Pit Road that provides a detour route for Price Creek Road. The results of these studies are attached. Average Daily Traffic on Price Creek Road in July 2003 was 64 vehicles per day with 3% as truck traffic. In 1999 before bridge seasonal bridge closure had occurred, the Average Daily Traffic was recorded as 89 vehicles per day. For Pit Road, the detour road, the Average Daily Traffic was recorded in July 2003 as 61 vehicles per day with 0.7% truck traffic. We expect most of the travel on Pit Road to be redirected to Price Creek Road with the construction of the new bridge since the bridge is presently posted for 12 tons. The truck counts were very low due to the lack of forest and agricultural practice activity at the time of the study. Also provided with the report is a list of property owners and acreage that is accessed by Price Creek Road.</p>						
Bridge Load Rating and Lane Closure:						
<p>Price Creek Road Bridge was constructed as a two lane bridge. This bridge is presently used as a one lane bridge using the middle of the bridge since the outer pilings have deteriorated and the outer deck has deteriorated so that they will not support any weight. Since the bridge as designed will not support weight on the outer bridge edge the load rating is 0. However, the middle of the bridge will support Oregon Legal Loads. Therefore, the bridge has been kept open for access for emergency response and fire trucks under special annual permits and local residents. The bridge has been posted at 12 tons to prevent the use of the bridge for truck traffic other than provided by special permits in light of the temporary middle bent and the seasonal opening of the bridge. Updated load rating and pictures of the bridge are attached.</p>						

Bridge Project Prospectus

Requested Changes to National Bridge Inventory System (NBIS) Data

(Form Optional)

Applicant: BENTON COUNTY	Bridge Number: 14497		
Project Name / Section: PRICE CREEK ROAD BRIDGE, ODOT Bridge No 14497	Region: 2	Area: Cascades West	District: 4

This form must be completed if an agency is proposing a change to the data in the existing National Bridge Inventory System data. The information must be in conformance with the Recording and Coding Guide for the Structure Inventory and Appraisal of the Nation's Bridges, Report No. FHWA-PD-96-001, December 1995.

Changes proposed to the Detour Length, Average Daily Traffic and Truck Average Daily Traffic will be acquired from other parts of this application and used to compute updated Federal Sufficiency Ratings and in the calculation of the Technical Ranking Score.

The data listed below are used in the calculations of the Technical Ranking Score and proposed changes will be considered. For any changes proposed, attach backup data as to the reason for the change.

Item 26	Functional Classification	
Item 28	A Lanes on Structure	1
Item 32	Approach Roadway Width	
Item 43	Structure Type, Main	
Item 51	Bridge Roadway Width	
Item 53	Vertical Clearance over Deck	
Item 54	Underclearance	
Item 55	Minimum Left	
Item 56	Minimum Right	
Item 100	Defense Highway Designation	

Items 58, 59, 60, 62, 67, 68, 69, 71 and 72 are used in the calculation of the Federal Sufficiency Rating. These data elements are supplied by ODOT and are not subject to corrections at this time.

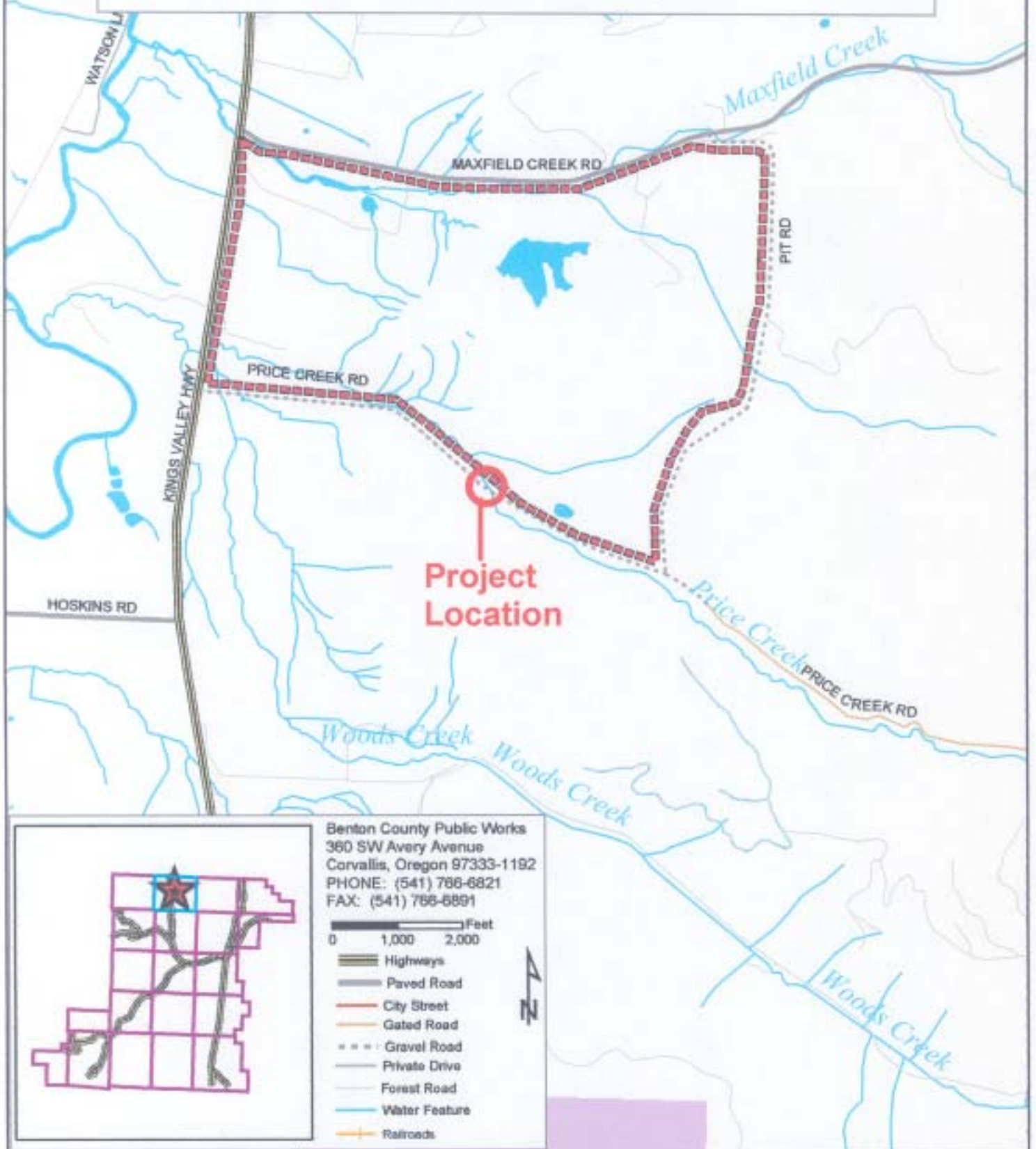
The Inventory Rating (Item 66) must be provided by a Licensed Professional Engineer, based on calculations following ODOT's Load Rating Guidelines. The engineer's calculations must be included.

Item 66	Inventory Rating	0
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Project Location Map

Price Creek Road (Price Creek) Bridge

Detour For Bridge Closure - Price Creek Road,
Highway 223, Maxfield Creek Road, Pit Road,
and Price Creek Road Detour Length - 6 Miles





PUBLIC WORKS DEPARTMENT

360 SW Avery Avenue
Corvallis, OR 97333-1192

(541) 766-6821

FAX (541) 766-6891

www.co.benton.or.us/pw/index.html

Date: August 25, 2003

To: Price Creek Road File- County Road No. 06054

From: Daineal Jennings

Re: Bridge traffic study conducted on Price Creek Road at milepost 0.054.

Enclosed is a report of a traffic study conducted during the period of: 7/9/2003-7/16/2003. The site under investigation is located on Price Creek Road East of Highway 223.

The purpose of this traffic study is for bridge traffic, which requires information on truck percentages. The equipment used to conduct this study was a Unicorn TT 502 Vehicle Traffic Classifier. The vehicle traffic classifier records count, time and axle length. The data are compiled for each lane and for combined directions.

This traffic data indicates that the average daily traffic for this portion of Price Creek Road to be 64 vehicles per day. This value is consistent with County records of past average daily traffic (ADT) counts, with an allowance for growth in the past five years. The most recent recorded count being 89 vehicles per day in 1999. These ADT records are stored in the Road Information System (RIS).

The traffic study report includes the following:

1. Vehicle classification and percentages
2. Map showing area under investigation
3. List of Land owners in the area
4. List of total acres owned by company

Vehicle Classification and Percentages

Road Name	<u>Price Creek Rd</u>	Location	<u>East of HWY 223</u>
Road Number	<u>06054</u>	Dates beg	<u>07/09/2003</u>
City	<u>0</u>	Dates end	<u>07/16/2003</u>
County	<u>Benton</u>	Direction	<u>Combined</u>

445 Total vehicles
64 Average Daily Traffic

2.25% Motorcycles
65.39% Passenger cars
26.29% Other 2 axle, 4 tire vehicles (w/wo trailer)
0.00% Buses
0.45% 2 axle, 6 tire, single trailer trucks
2.02% 3 axle, single unit trucks
0.00% 4 axle, single unit trucks
0.45% 4 or less axle, single trailer trucks
0.45% 5 axle, single trailer truck
0.90% 6 or more axle, single trailer trucks
0.00% 5 axle, multi-trailer trucks
0.00% 6 axle, multi-trailer trucks
1.80% All other vehicles
3.82% All trucks total



PUBLIC WORKS DEPARTMENT
360 SW Avery Avenue
Corvallis, OR 97333-1192

(541) 766-6821
FAX (541) 766-6891
www.co.benton.or.us/pw/index.html

Date: August 25, 2003

To: Pit Road File- County Road No. 06541

From: Daineal Jennings

Re: Bridge traffic study conducted on Pit Road at milepost 0.562

Enclosed is a report of a traffic study conducted during the period of: 7/9/2003-7/16/2003. The site under investigation is located on Pit Road South of Maxfield Creek Road.

The purpose of this traffic study is for bridge traffic, which requires information on truck percentages. The equipment used to conduct this study was a Unicorn TT 502 Vehicle Traffic Classifier. The vehicle traffic classifier records count, time and axle length. The data are compiled for each lane and for combined directions.

This traffic data indicates that the average daily traffic for this portion of Pit Road to be 61 vehicles per day. This value is consistent with County records of past average daily traffic (ADT) counts, with an allowance for growth in the past five years. The most recent recorded count being 51 vehicles per day in 1998. These ADT records are stored in the Road Information System (RIS).

The traffic study report includes the following:

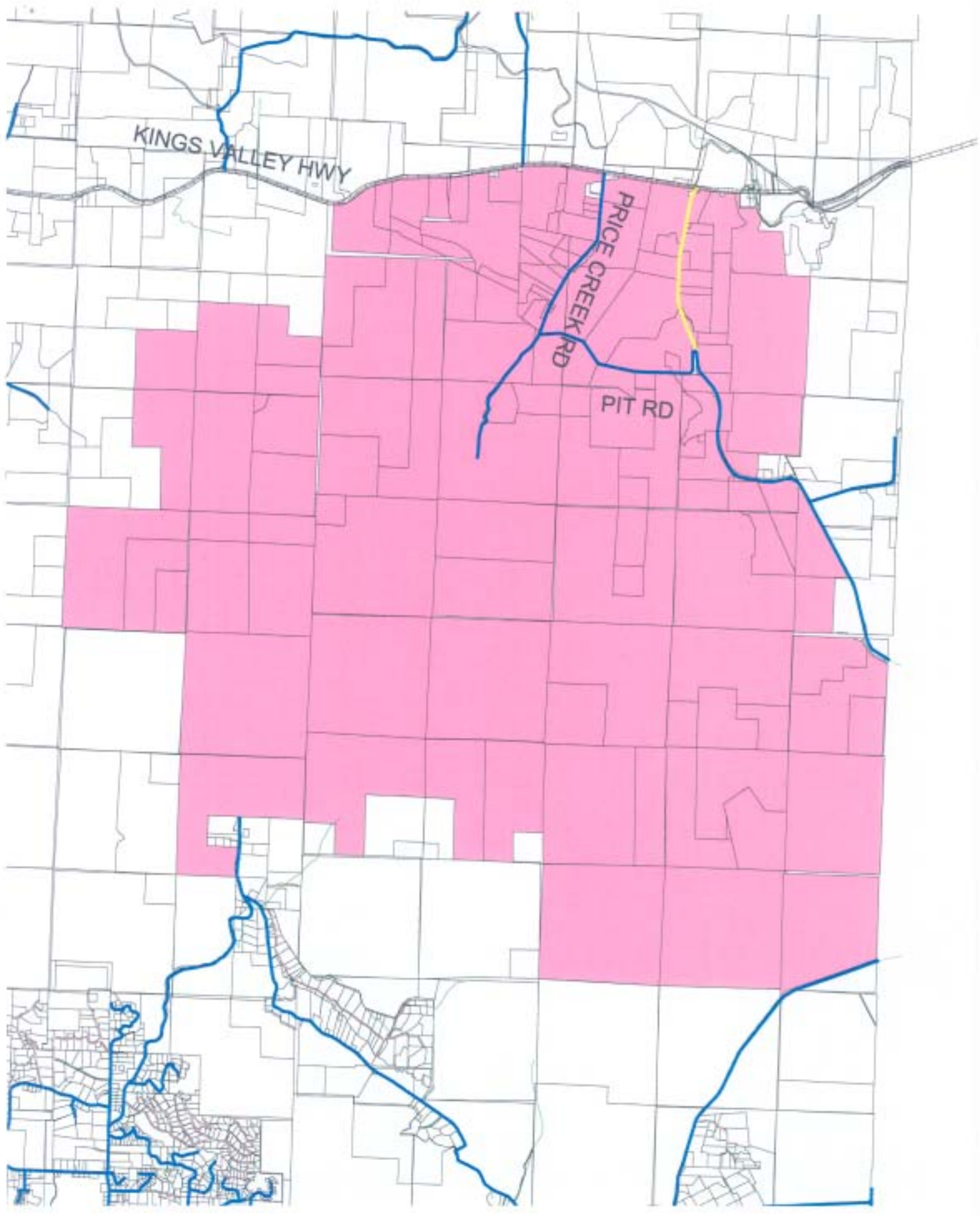
1. Vehicle classification and percentages
2. Map showing area under investigation
3. List of Land owners in the area
4. List of total acres owned by company

Vehicle Classification and Percentages

Road Name	<u>Pit Road</u>	Location	South of <u>Maxfield Cr. Rd</u>
Road Number	<u>06541</u>	Dates beg	<u>07/09/2003</u>
City	<u>0</u>	Dates end	<u>07/16/2003</u>
County	<u>Benton</u>	Direction	<u>Combined</u>

428 Total vehicles
61 Average Daily Traffic

0.00% Motorcycles
79.91% Passenger cars
13.32% Other 2 axle, 4 tire vehicles (w/wo trailer)
0.00% Buses
5.84% 2 axle, 6 tire, single trailer trucks
0.23% 3 axle, single unit trucks
0.00% 4 axle, single unit trucks
0.47% 4 or less axle, single trailer trucks
0.00% 5 axle, single trailer truck
0.00% 6 or more axle, single trailer trucks
0.00% 5 axle, multi-trailer trucks
0.00% 6 axle, multi-trailer trucks
0.23% All other vehicles
0.70% All trucks total



KINGS VALLEY HWY

PRICE CREEK RD

PIT RD

<u>Land Owner by Company</u>	<u>Total Acres</u>
BENEFICIAL OREGON INC	1
BENTON COUNTY	289
BOISE CASCADE CORP	1666
COAST RANGE CONIFERS LLC	1040
HAMPTON RESOURCES INC	479
OREGON STATE FORESTRY BOARD	1099
ROSBORO LUMBER CO	6489
RX RESOURCES LLC	446
SCHUDEL ENTERPRISES	194
STARKER FORESTS INC	1110
SWANSON GROUP INC	998
WEYERHAEUSER CO	29

Pictures for Report on Condition of Price Creek Road Bridge

View of Bent 2 from North (Downstream)
with eroded concrete footing and temporary support timbers



South End of Bent 2 on West Side



Entire Length of Bent 2 on West Side



**View of East Side of Bent 2
Fill was placed behind Bent 2 and
covered with concrete for erosion control
Fill has restricted flow through stream channel**



View of Backwall of Bent 3 repaired with concrete blocks



View of Approach to Price Creek Bridge from the West to the East



View of Approach to Price Creek Bridge from East to West



BEFORE THE BOARD OF COUNTY COMMISSIONERS
FOR THE STATE OF OREGON, FOR THE COUNTY OF BENTON

In the matter of the Seasonal Opening of)
Price Creek Bridge, County Bridge No. 06540-10) ORDER NO. 2003-305
And Establishing 12-ton Weight Limit)

Pursuant to the general authority of the Benton County Board of Commissioners and ORS Chapter 810 for the imposition of traffic restrictions and the erection of traffic signs and signals it is,

HEREBY ORDERED that Benton County Bridge No 06540-10, on Price Creek Road be opened to traffic from June 1st to November 1st each year; and;

IT IS ORDERED that a 12-ton weight restriction be hereby established on Price Creek Bridge, No. 06540-10; and

IT IS FURTHER ORDERED that the County Public Works Department secure and erect traffic devices in accordance with the provisions of the Manual on Uniform Traffic Control Devices (MUTCD) as approved by the Federal Highway Administrator.

Approved for Traffic Engineering Requirements

County Engineer: Ray M. Eise

Adopted this 15th day of July, 2003

Signed this 5th day of August, 2003

BENTON COUNTY BOARD OF COMMISSIONERS

[Signature]

Chair

[Signature]

Commissioner

[Signature]

Commissioner

Posted by: _____

Date: _____



OREGON D.O.T. BRIDGE SECTION

LOAD RATING SUMMARY REPORT (PAGE 1)

For local agency bridges. Latest Revision 8/31/99

BRIDGE DATA..

BRIDGE #: 14497 NBI FEATURE: PRICE CREEK
 BRIDGE NAME: PRICE CREEK BRIDGE
 HIGHWAY NAME: PRICE CREEK RD HIGHWAY #: 6054
 REGION: 2 DIST: 2A COUNTY: Benton MILEPOST: 1.00
 YEAR BUILT: 1957 DESIGN LOADING: H20 OWNER: BENTON COUNTY
 SPAN DESCR: 2 SIMPLE SPANS - 17 ft each
 OTHER DESCR: Two lane Timber Bridge

LOAD RATING ENGINEER DATA..

RATING DATE: 7/15/03 FIRM: Benton County Public Works ENGINEER: CRK CALCULATION BOOK: _____

LATEST INSPECTION DATA..

INSP. DATE: 4/10/03 ADT: 70 YEAR of ADT (2 digits): 2003 A.C. DEPTH, INCHES: 4.0
 DECK: 7 SUPERSTR: 6 ADTT: 15 SUBSTR: 0 APPROACH RDWY: WEARING SURFACE: 5

RATING DATA..

LOAD FACTOR: IMPACT 1+I: NA γ_{1p} : NA DISTRIB. FACTORS: Operational Status (Item 41): **RP**
 LOAD FACTOR LOAD RATINGS FOR N.B.I.: INVENTORY: HS OPERATING: HS Single Lane: 1.000 Bridge Posting Status (Item 70): 0
 INVENTORY CODE: (2-Digits): 200 OPER. CODE (2-Digits): 200 Multiple Lanes: 1.000 Temporary Status (Item 103): 0
 SECTIONS EVALUATED: 0 COMMENTS: Bridge Load Rating is based on potential for Failure of Outside Piling and Outer Edges of Deck and Potential Erosion to Middle Bent

LOAD:

LOAD:	← 1st rating control →			← 2nd rating control →		
	R.F.	Limit State or V	MEMBER	R.F.	Limit State or V	MEMBER
DESIGN & LEGAL VEHICLES HS20 (72K) TYPE 3 (60K) TYPE 3S2 MAX (80K) TYPE 3-3 (80K) AASHTO LANE LOAD	0.00	V	Piling	1.05	V	Piling
PERMIT VEHICLES, MULTIPLE LANES, FULL IMPACT PERMIT-5 (120.5K) PERMIT-6 (150.5K) PERMIT-7 (185.0K) SPECIAL-1 SPECIAL-2	0.00	V	Piling	1.05	V	Piling
PERMIT VEHICLES, SINGLE LANE, FULL IMPACT PERMIT-5 (120.5K) PERMIT-6 (150.5K) PERMIT-7 (185.0K) SPECIAL-1 SPECIAL-2	0.00	V	Piling	1.05	V	Piling
PERMIT VEHICLES, SINGLE LANE, 10% IMPACT PERMIT-5 (120.5K) PERMIT-6 (150.5K) PERMIT-7 (185.0K) SPECIAL-1 SPECIAL-2	0.00	V	Piling	1.05	V	Piling



Expires: 6/30/05

REMARKS

Element #	Bent/Span	Member ID	Deficiency Description
32	ALL	FELLOE	FELLOES ROTTEN @ BOTH SIDES @ JOINTS.
32	ALL	PAVE	AC CRACKED @ BKWLLS.2X6 RUN.PLANK STARTING TO DECAY.
111	S1,2	STRGRS	BRIDGING LOOSE & CHECKED. ALL STRINGERS ARE WET FROM LEAKAGE THRU DECK. SEVERAL STRINGERS ARE CHECKED & 1 IS SPLIT.
206	B2	PILE	DRIFT ON MUD SILL & BRACING AT UPSTREAM PILE. 2 PILE ARE ROTTEN SHELLS & 2 PILE COMPLETELY GONE FROM ROT. TEMPORARY POSTS ARE SPLIT.
235	B2	CAP	6-8" DECAY IN CTRS. NEAR BOTH ENDS.
332	ALL	RAIL	NOT TO STANDARDS & POSTS ALL BADLY SPLIT. TEMPORARY CONCRETE FOOTING COMPLETELY UNDERMINED @ BT. 2. BT. 1 UPSTRM IS BEING ATTACKED & WING BLOCKS ARE BEING UNDERMINED.
361	B1, 2	FTG	
990	B1,3	APPRO.	SETTLEMENT @ BR. ENDS & POTHOLES.
990	B1,3	BKWLL	S.D. BEYOND CAP ENDS,TIMBER IS SOFT.
990	B1,3	SHLDRS	STEEP & VEGETATION GROWING BACK.

MAINTENANCE RECOMMENDATIONS

Crew #	Work Order	Priority	Elem #	Bent/ Span	Member Work	Est Cost	Comp Date
	Routine/Schedule		32	ALL	PAVE CLEAN & SEAL CRACKS IN AC.	1000	
	Routine/Schedule		32	ALL	FELLOE REPLACE FELLOE RAIL.	1500	
	Routine/Schedule		111	S1,2	STRGRSREATTACH BRIDGING	500	
	Urgent		206	B1,2	PILE REMOVE DRIFT, REPLACE ROTTEN PILE.	20000	
	Routine/Schedule		235	B2	CAP REPLACE CAP @ BT. 2.	4500	
	Routine/Schedule		361	B2	FTG REMOVE UNDERMINED CONCRETE FOOTINGS.	1500	
	Routine/Schedule		990	B1,3	APPRO. REGRADE APPROACHES.	500	
			990	ALL	BRIDGE REPLACE BRIDGE.	0	

LOAD RATING

Rating Date		Posting Req	(1) 30.0 - 39.9
Design Load	H15	OR Method	No rating analysis performed
Operating Rating	0.0 ton	IR Method	No rating analysis performed
Inventory Rating	0.0 ton		

Monday, June 30, 2003

Truck	Operating Rating	Inventory Rating	% Below	Posting Required	Controlling Member	Actual Posting	Posting Date
-------	------------------	------------------	---------	------------------	--------------------	----------------	--------------

No load rating postings found.

LOAD RATING CONDITION COMPARISON CHART

Category	NBI #	Rating Condition	Current Condition
Approach Condition			5 Fair
Deck Wearing Surface		7 Good	5 Fair
Deck	58	7 Good	7 Good
Superstructure	59	7 Good	6 Satisfactory
Substructure	60	2 Critical	0 Failed
Temporary Repairs	103	No	No
Wearing Surface Thickness		3.00 in	3.0 in

INSPECTION SCHEDULE

Activity	Conducted On	Frequency	Next Inspection
Routine Inspection	04/04/03	Every 2 yr	04/01/05
Timber/Boring	12/01/95	Every 2 yr	12/06/97
X-Channel Profile	12/01/95	Every 10 yr	12/01/05

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39.8 SUFF RATING	Structurally Deficient	STRUCTURE AND INVENTORY APPRAISAL			BRIDGE NO 14487	INSP DATE 04/03
(122) HIGHWAY/CO RD. (2) HIGHWAY DISTRICT	006054	4	(43) STRUCT MAIN	7 Wood or Timber 02 Stringer/Multi-beam or Girder	(92) CRITICAL FEAT INSP	DATE (93) DATE
(3) COUNTY		3	(44) STRUCT APPR	0 Other 00 Not Applicable	(A) FRACTURE CRIT	n 00 2001
(4) CITY	00000		(45) NUMBER MAIN SPANS	2	(B) UNDERWATER INSP	n 00 2001
(5) INVENTORY ROUTE	141000000		(46) NUMBER APPR SPANS	0		
(6) FEATURES INT	PRICE CREEK		(47) HORIZONTAL CLEARANCE	20.4	(84) COST OF IMPROVEMENT	141000.0
(7) FACILITY CARRIED	PRICE CREEK RD		(48) MAXIMUM SPAN LENGTH	17.0	(95) ROADWAY IMPROVEMENT	14100.0
(8) STRUCTURE NUMBER	14487 000		(49) STRUCTURE LENGTH	34.0	(96) PROJECT COST	225600.0
(9) LOCATION	0055 MI W OF 06541		(50) SIDEWALK WIDTH	LT 0.0 RT 0.0	(87) YR OF IMPROVEMENT	2002-01-01 00:00:00
(10) VERT CLEARANCE	100.0 ft		(51) BRIDGE ROADWAY WIDTH	20.4	(98) BORDER BR ST- CODE	%
(11) MILEPOINT	0.97		(52) DECK WIDTH	22.0	(99) BORDER STRUCTURE NO	
(16) LATITUDE	0.0000 N		(53) VERT CLEAR OVER DECK	100.0 ft	(100) DEFENSE HIGHWAY	0
(17) LONGITUDE	0.0000 W		(54) VERT CLEAR UNDER DECK CD	0.00 ft	(101) PARALLEL STRUCTURE	N
(18) BYPASS DETOUR	7.0		(55) MIN LAT UNDERCLEAR CD	N RT 0.0	(102) DIRECTION OF TRAFFIC	2
(20) TOLL	3 On free road		(56) MIN LAT UNDERCLEAR	LT 0.0	(103) TEMPORARY STRUCTURE	0
(21) CUSTODIAN	02 County Highway Agency		*** CONDITION ***		(104) HIGHWAY SYSTEM	0
(22) OWNER	02 County Highway Agency				(106) YEAR RECONSTRUCTED	
(26) FUNC CLASS	09 Rural Local		(58) DECK	7	(107) DECK STRUCTURE	8
(27) YEAR BUILT	1991		(59) SUPERSTRUCTURE	6	(108) WEARING SURFACE	600
(28) LANES ON	2 LANES UNDER		(60) SUBSTRUCTURE	0		
(29) AVERAGE DAILY TRAFFIC	0		(61) CHANNEL	5	(109) TRUCK ADT	0.0%
(30) YEAR OF ADT	91		(62) CULVERT	N	(110) DESIGNATED NATIONAL NETWORK	0
(31) DESIGN LOAD	2003		(64) OPERATING RATING	0.0	(111) PIER PROTECTION	
(32) APPROACH ROADWAY	2 H15		(86) INVENTORY RATING	0.0	(112) NBIS BRIDGE LENGTH	Y
(33) BRIDGE MEDIAN	19.0 ft		*** APPRAISAL ***		(113) SCOUR CRITICAL BRIDGE	U
(34) SKEW	0 None		(67) STRUCTURE CONDITION	0	(114) FUTURE ADT	110.5
(35) STRUCTURE FLARED	30		(68) DECK GEOMETRY	5	(115) YEAR OF FUTURE ADT	2023
(36) TRAFFIC SAFETY FEATURE	0		(69) UNDERCLEARANCE	N	(116) VERT-LIFT CLEARANCE	
(37) HISTORICAL SIGNIFICANCE	0000		(70) POSTING	1		
(38) NAVIGATION CONTROL	4		(71) WATERWAY ADEQUACY	8	*** STATE INFORMATION ***	
(39) NAVIGATION VERT CLEAR	0		(72) APPR ROWY ALIGNMENT	8	(117) EST MAINT COST	8850.0
(40) NAVIGATION HORZ CLEAR	0.0		(75) TYPE OF WORK	1 Done by contract	(118) CULVERT LENGTH	ft
(41) OPEN STATUS	0.0		(78) IMPROVEMENT LENGTH		(119) CULVERT INSIDE HEIGHT	ft
(42) TYPE SERVICE	K		(90) INSPECTION DATE	0403	(120) INSPECTOR NUMBER	Way, Tim (C0039)
(12) BASE HIGHWAY NETWORK	1 Highway		(91) INSPECTION FREQUENCY	24 MO	(121) MAINTENANCE NOTES	
(13) LRS INVENTORY	Waterway		(83) OPER RATING METHOD	5		
	0		(85) INV RATING METHOD	5		

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