

2023

Northwest Oregon Construction Map



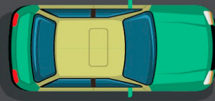
Use this map so you *"Know Before You Go"*

Move Over or Slow Down

MOVE OVER

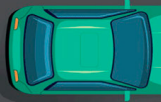
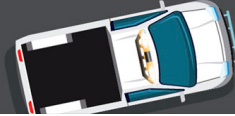


FOR ODOT MAINTENANCE



Slow Down. The Way to Go.

Transportation Safety – ODOT



What Oregon Drivers Need to Know About the Move Over Law:

Oregon passed its first Move Over law, ORS 811.147, requiring drivers to move over a lane or slow down five miles below the speed limit for an emergency vehicle, a roadside assistance vehicle, a tow vehicle or ambulance, when it is displaying warning lights. In 2017, it was changed to include any vehicle stopped displaying hazard lights.

Move over or slow down when you see flashing lights of any color from a vehicle parked on the side of the road – any vehicle from a tow truck, public works, emergency response, hazard lights on a car or semi, law enforcement or ODOT vehicles. It will save lives and it's the law.

Protect and Help the People Who Protect and Help You

- Nationally, approximately 24 first responders conducting their duties on interstate highway shoulders lose their lives.
- According to AAA, an estimated 12% of interstate traffic fatalities or 600 deaths a year are the result of crashes occurring along the shoulder.
- From 2016-2020 Oregon experienced 207 crashes involving vehicles parked off the road. These crashes resulted in 7 fatalities, 13 serious injuries and 164 moderate and minor injuries. One hundred crashes were property damage only. Fifty (47%) of those crashes involved heavy/medium trucks.
- Here in Oregon, from 2015 to 2020, there were 2,774 crashes that occurred in work zones, 25 of which were fatal and 114 resulted in serious injuries.
- From 2015 to 2021, ODOT vehicles were hit 50 times by the traveling public. Most recently in the Portland area, an ODOT worker was hit and transported to the hospital with serious injuries and is still recovering.

According to the National Highway Traffic Safety Administration (NHTSA) 71% of drivers are unaware of their state's Move Over Law.

To learn more about Oregon's Move Over Law,
visit https://oregon.public.law/statutes/ors_811.147

Tips for Driving Safely Through Work Zones



- **Pay complete attention to your driving**, especially in the transition zone before the work zone. An inattentive driver is the most common cause of work zone crashes.
- **Orange is your cue! Pay attention when you see orange signs, barrels, cones and barricades.**
- **Obey all speed signs.** Speed may be reduced in work zones for your safety and the safety of workers.
- **Double your following distance.** Don't tailgate.
- **Get in the correct lane** well in advance.
- Remember, **work zone traffic lanes are often narrow, without shoulders or emergency lanes.**
- When possible, **move over to give workers more room** between them and your vehicle.
- **Be aware of temporary construction accesses** on either side of the roadway.
- **Watch for construction vehicles and law enforcement** and don't follow them as they travel in and out of the work zone.
- **Expect delays — plan for them —** and leave early so you can drive safely through the work zone.
- **Know before you go!** Visit www.TripCheck.com or call 5-1-1 to check routes, work zones and road and weather conditions before you head out.
- **Avoid work zones.** When you can, use an alternate route.

Tips for People Walking, Biking and Rolling Through Work Zones

Work zones provide accommodations or accessible detour routes for people walking, biking or rolling through a construction zone.

These simple guidelines can help make the trip safer and less stressful:



1. Plan your trip.
2. Visit www.TripCheck.com or dial 5-1-1 to determine if construction is occurring along your route.
3. When possible, use an alternate route to avoid work zones.

When biking, walking or rolling through a work zone:

- Be alert. Be visible. Be patient.
- Follow directions given by flaggers. Flaggers often provide specific instructions for bicyclists and pedestrians.
- Look for marked detour routes, signs and devices that may change your normal route.
- Follow signs for motor vehicles if you are a bicyclist sharing the road.
- Stay out of the work area! Don't walk or ride behind cones, barricades, or barrier, unless directed by a flagger.
- Ride carefully over rough, uneven terrain. You may need to walk your bike across gravel or unpaved surfaces. Use caution when riding over pavement markers and reflectors.
- Watch for steel plates in the roadway. They may be slippery, especially if wet.
- Report unsafe conditions to a flagger or construction official. Contact AskODOT with any questions or concerns at

1-888-Ask-ODOT or

Ask.ODOT@odot.oregon.gov



Example of a temporary pedestrian detour sign in a construction zone.



Example of a temporary pedestrian access route in a construction zone.



Example of an active construction zone with orange signs, barrels and accessible access routes for everyone.

Traveling Back in Time: ODOT History

Here are
some fun facts
about Oregon
transportation
history!

2023 is the Oregon Department of Transportation's 110th anniversary. During that time, the department has seen dramatic changes in the way we travel and the routes we travel on. From horse-drawn road scrapers to today's computer-operated machinery and solar highways, the people, events and technology that have molded the paths we've taken each have a unique story to tell.

Construction on Oregon highways stopped for the most part during World War II, but maintenance was still needed. During the 1940s, many of the men working on the paving crews were off fighting the war. The agency employed women at the same pay grade as men for paving crews during World War II.



Female paving crew on the Columbia River Highway, 1942.



Centerline striping crews on OR 99E in the Willamette Valley, south of Oregon City, late 1930s.

Heavy equipment and machinery were used during construction on the Columbia River Highway in the 1950s.



Paving activities on the Columbia River Highway, east of Cascade Locks, on the Herman Creek to Gorton Creek section of the new water-level route through the Columbia Gorge, July 1952. It would become part of Interstate 84.

PROJECT HIGHLIGHT: OR 217 Auxiliary Lanes

Making progress to improve safety and reliability

The OR 217 Auxiliary Lanes Project addresses long-standing bottlenecks and close interchange spacing on OR 217 in Beaverton and Tigard. Adding new auxiliary lanes, or ramp-to-ramp connections, gives drivers more space and time to merge safely. This decreases conflicts, improves safety and the flow of traffic, and ultimately allows the existing lanes to work more efficiently. The project will also remove two ramps and build a frontage road in the Allen/Denney interchanges, replace a major bridge structure, increase bicycle and pedestrian connectivity and build five sound walls. Construction began in December 2021 and will continue through 2025. In addition to detours and nighttime lane closures throughout construction, expect these major impacts over the course of this project:

- Five-month closure of the southbound on-and-off-ramps at Denney Road through summer 2023.
- Around-the-clock single lane closure of Hall Boulevard between Scholls Ferry Road and OR 217 through summer 2023.
- Two-month closure of the northbound on-ramp from OR 99W north and the southbound on-ramp from Hall Boulevard.
- Nine-month closure of the Hall Boulevard overpass between OR 99W and Pfaffle Street in Tigard. A temporary bike/pedestrian bridge will be available during the closure.
- Full closures of one direction of OR 217 for several weekends.
- Extended lane closures on OR 217.

Crews are out in full force along the highway corridor and the project remains on schedule. We have reduced highway noise for adjacent neighbors with the completion of the five sound walls. The majority of the earthwork excavation and stormwater treatment facilities installation is complete. This summer, a high concentration of work is along southbound OR 217 between Allen Boulevard and Denney Road. This is to widen ramps and build the new frontage road, expected to open by the end of the year. The frontage road will reduce congestion and merging on OR 217 and make the two interchanges safer. We are also working on widening the Hall Boulevard overpass in Beaverton in order to add new sidewalk and bicycle lanes on the structure.

To keep up with the project schedule as construction progresses, visit the project website: www.hwy217.org



Dump trucks line up along OR 217 to haul away old pavement and top level of soil.



Crews place wall panels in the new sound walls along OR 217.

PROJECT HIGHLIGHT: Columbia River Gorge Construction

*Slow your
roll and enjoy
the view!*

Construction is underway for multiple projects in the Columbia River Gorge between I-205 and Hood River to improve Interstate 84 and extend the Historic Columbia River Highway State Trail. Travelers should plan for delays.



Mitchell Point Tunnel, Historic Columbia River Highway in Hood River County, Oregon, as constructed in 1915.



Current construction of the new Mitchell Point Tunnel.

Historic Columbia River Highway State Trail Construction

The iconic Mitchell Point Tunnel was a highlight of the original Historic Highway, but it was destroyed in 1966 during construction of I-84. In 2024, a new tunnel with arched windows reminiscent of the historic tunnel will open as part of the Historic Highway State Trail, allowing people to take in the river views for the first time in 70 years.

Another trail segment is also under construction. Opening in late 2023, this project improves the trailhead at Viento State Park and creates a new, paved trail for recreation and for cyclists to travel east-west for an additional two miles toward Mitchell Point without using the shoulder of I-84.

2023 I-84 Paving and Resurfacing Projects

We're improving the safety and lifespan of I-84 by paving and resurfacing two sections of I-84 from Interstate 205 to 169th Avenue, and from just east of 201st Avenue to Marine Drive (exit 17).

We're also resurfacing the aging floor of the historic Toothrock Tunnel, which carries I-84 eastbound traffic near Bonneville Dam. We're removing the ruts in the tunnel and smoothing out the ride for travelers. Work also includes repairs to several bridges.

For more information about projects in the Columbia River Gorge visit i84GorgeConstruction.org

KNOW BEFORE YOU GO

ODOT is committed to developing a modern, reliable transportation system that serves all Oregonians and that means infrastructure improvements are all over Northwest Oregon this year.



This map is designed to show you where major road construction projects are planned along ODOT's Northwest Oregon highways during the summer 2023 construction season and help you avoid delays.

Use these resources so you "*Know Before You Go.*" We will help you get there.

Follow us on Twitter:

[@OregonDOT](https://twitter.com/OregonDOT)

and Instagram:

[@OregonDOT](https://www.instagram.com/OregonDOT)

Like us on Facebook:

[www.fb.com/OregonDOT](https://www.facebook.com/OregonDOT)



For up-to-date information on what's happening in construction zones throughout Oregon, visit:



**In-state Travel Information
Updated 24/7:**

Call 5-1-1 or

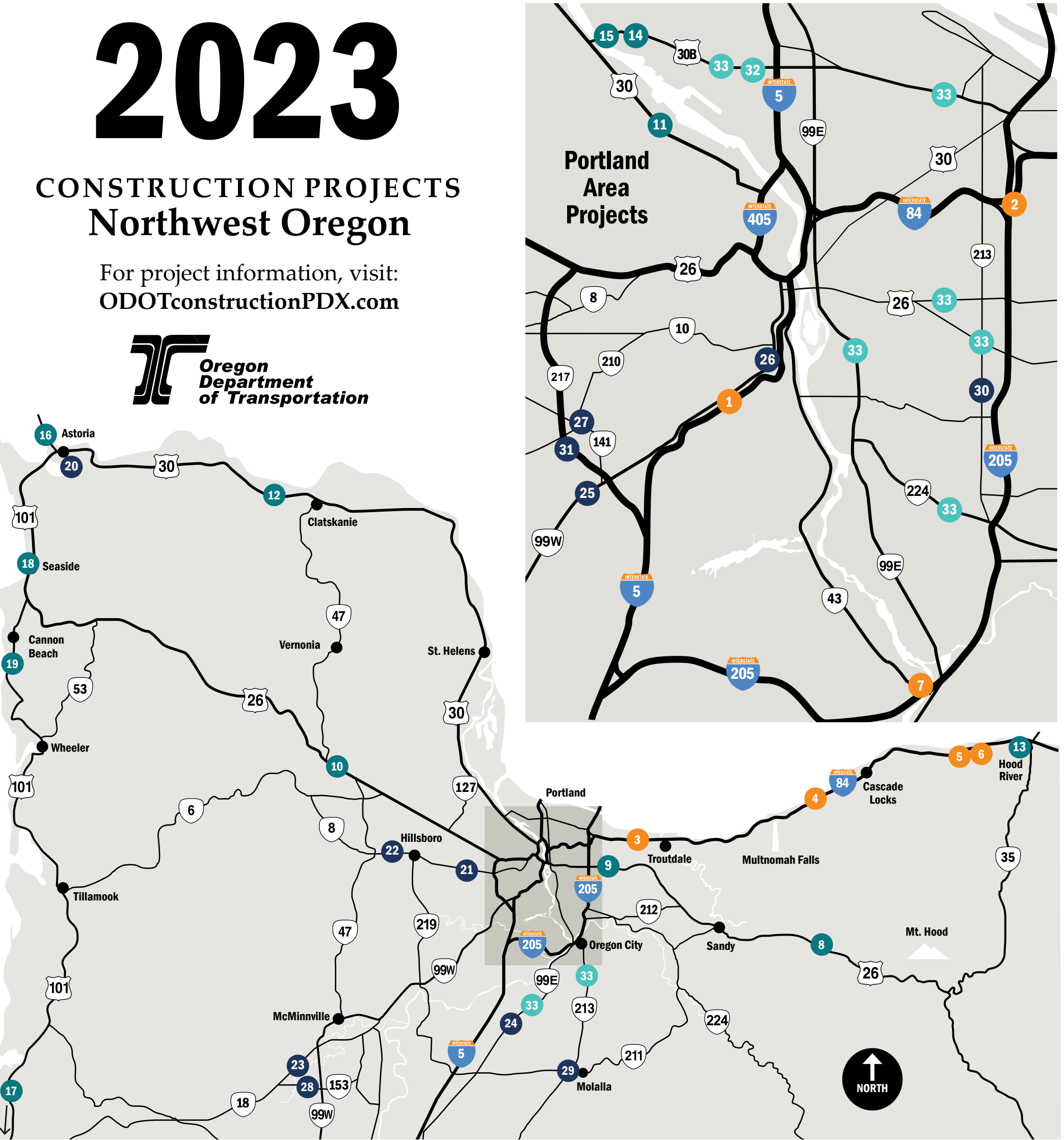
1-800-977-6368

www.TripCheck.com

ODOT's Website

www.oregon.gov/ODOT

INTERSTATE HIGHWAYS	
INTERSTATE 5 (Pacific Highway)	
1	I-5 Over SW 26th Avenue Improvements <i>Southwest Portland</i> – Replaces the I-5 crossing over SW 26th Ave in Southwest Portland with a new structure. Expect occasional nighttime lane closures on I-5, and SW 26th Avenue to be closed to motor vehicles for about a year beginning in spring 2023. Estimated completion: 2024. www.bit.ly/swi-5repair
INTERSTATE 84 (Columbia River Highway)	
2	Better Red – TriMet Red Line Expansion (TriMet) <i>Gateway</i> – TriMet constructs a second track and new station for inbound MAX Red Line riders entering Gateway Transit Center as part of its A Better Red project. Expect full weekend closures of I-84 at I-205, shoulder closures on I-84 and I-205, nighttime lane closures on I-84 and full ramp closures of Exit 7 on I-84 east. Estimated completion: 2024. trimet.org/betterred/
3	I-84 Paving and Resurfacing <i>I-205 to Marine Drive</i> – Improves the roadway surface on two sections of I-84 from Interstate 205 to 169th Avenue and from just east of 201st Avenue to Marine Drive (exit 17). Reconfigures the northbound signal at NE 238th Drive with two dedicated left-turn lanes onto I-84 west. Expect nighttime lane and ramp closures between I-205 and Troutdale. Several weekend and nighttime full closures of I-84 west at I-205, as well as nighttime full closures of I-84 east at I-205. Lane closures and traffic holds on NE 238th Drive. Estimated completion: fall 2023. i84GorgeConstruction.org
4	Toothrock Tunnel Repair <i>Bonneville Dam</i> – Repairs the floor of the Toothrock Tunnel and repairs several bridges to extend the lifespan of the highway. Expect nighttime lane closures in both directions and nighttime ramp closures during the summer. Estimated completion: 2023. i84GorgeConstruction.org
5	Historic Highway State Trail: Viento State Park to Mitchell Point <i>Columbia River Gorge</i> – Constructs a new segment of the Historic Columbia River Highway State Trail between Viento State Park and Mitchell Point. Expect single lane closures on I-84 this summer. Estimated completion: 2024. i84GorgeConstruction.org
6	Historic Highway State Trail: Mitchell Point Tunnel <i>Columbia River Gorge</i> – Reconnects a segment of the Historic Highway State Trail by constructing a new tunnel at Mitchell Point. Expect periodic lane closures on I-84 east and closure of Exit 58. Estimated completion: 2024. i84GorgeConstruction.org
INTERSTATE 205 (War Veterans Memorial Highway)	
7	I-205 Abernethy Bridge (First Phase of the I-205 Improvements Project) <i>West A Street in West Linn to Main Street in Oregon City</i> – Widens and seismically upgrades the Abernethy Bridge and makes additional improvements to on- and off-ramps adjacent to the bridge. Expect periodic single lane closures across the Abernethy Bridge, ongoing single lane closures on OR 43 and OR 99 E, periodic on-and off-ramp closures with temporary detours at times within the construction zone. Selected on-and off-ramps may have width restrictions. Pedestrians will have access through and around work zones.* Estimated completion: 2025. i205corridor.org
U.S. HIGHWAYS	
U.S. 26 (Mt. Hood Highway)	
8	U.S. 26 Paving <i>Brightwood to Zigzag</i> – Repaves U.S. 26, adds a new protective waterproof layer on the Salmon River Bridge, constructs a 700-foot long shared use path on the south side of U.S. 26 near Welches Schools, and shifts the existing crosswalk west to a new push button-activated pedestrian signal. Expect daytime and nighttime lane closures with up to 20-minute nighttime traffic holds in Welches. Estimated completion: fall 2023. www.tinyurl.com/U26SalmonRivertoZigzag
9	U.S. 26 Outer Powell Safety Improvements Project (Phase Two) <i>SE Powell Boulevard, SE 99th Ave to SE 122nd Avenue, SE 136th Avenue to east of SE 174th Avenue</i> – Improves safety to reduce the frequency and severity of crashes and help vehicles, pedestrians, transit, transit users and bicyclists share the road with fewer conflicts. Improvements include new sidewalks, raised or separated bike lanes, continuous center turn lane, storm drains, improved lighting, new waterline, new traffic signals, enhanced pedestrian crosswalks and upgraded sidewalk curb ramps. Expect shoulder and lane closures, travel lane shifts, crosswalk and sidewalk closures, flagging at times. Pedestrians will have access through and around work zones.* Estimated completion: 2028. www.OuterPowellSafety.org
U.S. 26 (Sunset Highway)	
10	U.S. 26 at Mendenhall Creek <i>Buxton</i> – Replaces existing culvert with a new single span bridge, reconstructs the streambed to help with salmon recovery. Expect delays and occasional lane closures. Pedestrians will have access through and around work zones.* Estimated completion: 2023. https://direc.to/jkQW
U.S. 30 (Lower Columbia River Highway)	
11	Northwest Industrial Area Repavement <i>Northwest Portland</i> – Repaves U.S. 30 between NW Bridge Avenue and NW Kittredge Avenue and improves bike lanes, adds sidewalk curb ramps, replaces two signals, and updates guard rail. Expect nighttime and limited daytime single lane closures. Pedestrians will have access through and around work zones.* Estimated completion: 2023. bit.ly/NWIndustrialAreaRepavement
12	U.S. 30 at Graham Creek Fish Passage <i>Marshland</i> – Replaces existing culvert with a new culvert, reconstructs the streambed to encourage native fish migration, repairs roadway, guardrails and striping. Expect delays, daytime and occasional nighttime lane closures controlled by flaggers as needed and a possible detour. Pedestrians will have access through and around work zones.* Estimated completion: 2023. https://direc.to/jkQW



U.S. 30 (Historic Columbia River Highway)	
13	U.S. 30 at Rand Road Intersection Improvements <i>Hood River</i> – Realigns the intersection, installs a new traffic signal, sidewalks, curb ramps, lighting and improves drainage. Expect lane closures on U.S. 30 and Rand Road/Wasco Street, turning restrictions. Pedestrians will have access through and around work zones.* Estimated completion: 2024. i84GorgeConstruction.org
U.S. 30 BYPASS (Lombard Street)	
14	St. Johns Bridge Repairs <i>North Portland, Cathedral Park</i> – Repairs the concrete columns and arches under the St. Johns Bridge to protect the bridge's internal frame and reinforcements from corrosion. Expect minimal traffic impacts during construction, but visual impacts at Cathedral Park. Pedestrians will have access through and around work zones.* Estimated completion: 2024. bit.ly/stjohnsbridgerepair
15	St. Johns Bridge Lifeline Replacement <i>North Portland</i> – Replaces the failing bridge lifeline cable system for the St. Johns Bridge to make the bridge safer for crews to maintain. Expect shoulder and lane closures, controlled by flaggers, as needed. Estimated completion: 2023. https://direc.to/jkQW
Podemos proveer la información en esta publicación en español. Para recibir la información en español, por favor llámé al 503-731-4128. Если вы хотите, чтобы информация об этом проекте была переведена на русский язык, пожалуйста, звоните по телефону 503-731-4128. 如果您想瞭解這個項目翻譯成 繁體中文 的相關資訊，請致電 503-731-4128. 이 프로젝트에 관한 한국어로 된 자료 신청방법 전화: 503-731-4128. Nếu quý vị muốn thông tin về dự án này được dịch sang tiếng Việt, xin gọi 503-731-4128	

U.S. 101 (Oregon Coast Highway)	
16	Astoria-Megler Bridge Painting Phase Three <i>Astoria</i> – Repairs damaged steel, repaints under the bridge deck and builds structures to prevent or contain any paint and debris from falling into the Columbia River. Expect daytime and nighttime work, single lane closures with flaggers, up to 20-minute delays on weekdays. Estimated completion: 2024. https://direc.to/jkQW
17	Yaquina Bay Bridge Lifeline Replacement <i>Newport</i> – Replaces the failing bridge lifeline cable system for the Yaquina Bay Bridge to make the bridge safer for crews to maintain. Expect shoulder and lane closures, controlled by flaggers, as needed. Estimated completion: 2023. https://direc.to/jkQW
18	U.S. 101 Improvements <i>Seaside</i> – Widens U.S. 101 through Seaside from Avenue A through Avenue K, creates a center turn lane, bike lanes and sidewalks to improve mobility for all road users. Expect delays, daytime and nighttime work, shoulder and lane closures with flagging at night when needed. Pedestrians will have access through and around work zones.* Estimated completion: 2023. https://direc.to/jkQW
19	U.S. 101 Paving Project <i>Arch Cape to Cannon Beach</i> – Repaves the roadway with new striping, replaces guardrail, repairs bridge decks, installs new bridge rail, upgrades traffic signs and installs rumble strips. Expect brief lane closures controlled by flagging. Estimated completion: 2023. https://direc.to/jkQW
*During construction, pedestrian detours will be accessible to people with disabilities. For ADA (Americans with Disabilities Act) or Civil Rights Title VI accommodations, translation/interpretation services, or more information call 503-731-4128, TTY 800-735-2900 or Oregon Relay Service 7-1-1.	

STATE HIGHWAYS	
OR 202 (Nehalem Highway)	
20	OR 202 Safety Improvement Project <i>Astoria</i> – Installs sidewalks to improve accessibility and safety between Dresden Street and 4th Street on OR 202. Expect daytime and occasional nighttime work, shoulder and lane closures, controlled by flaggers, as needed. Pedestrians will have access through and around work zones.* Estimated completion: 2023. https://direc.to/jkQW
OR 8 (Tualatin Valley Highway)	
21	OR 8 Pedestrian Access Improvements <i>Beaverton and Aloha</i> – Improves ten intersections with sidewalk and bus stop upgrades, enhanced pedestrian crosswalks and sidewalk curb ramps. Expect lane and crosswalk closures. Pedestrians will have access through and around work zones.* Estimated completion: 2023. OR8construction.org
22	OR 8 at East Lane Pedestrian Safety Project <i>Cornelius</i> – Builds a new crosswalk across OR 8 at East Lane along with a pedestrian-activated beacon, new lighting, sidewalk and ADA curb ramps. Expect short-term shoulder and lane closures on OR 8 and temporary bus stop relocations. Pedestrians will have access through and around work zones.* Estimated completion: 2024. tinyurl.com/CorneliusRRFB
OR 18 (Salmon River Highway)	
23	OR 18: Oldsville Road to Ash Road <i>McMinnville</i> – Resurfaces the pavement to repair cracking and improve smoothness of the road, upgrades curb ramps, and traffic signals to meet ADA standards. Expect lane and ramp closures at night. Pedestrians will have access through and around work zones.* Estimated completion: 2023. https://direc.to/jkQW
OR 99E (Pacific Highway East)	
24	OR 99E Paving <i>Canby</i> – Repaves OR 99E through downtown Canby and adds bike lanes, traffic signal upgrades, sidewalk curb ramps, and other improvements. Expect delays, lane closures and traffic shifts on OR 99E. Pedestrians will have access through and around work zones.* Estimated completion: 2024. bit.ly/canbypaving
OR 99W (Pacific Highway West)	
25	OR 99W Paving and Sidewalk Improvement Project <i>I-5 to SW McDonald Street</i> – Paves, builds new sidewalks and bike lanes, upgrades curb ramps, repairs bridges and makes safety improvements on a three mile section of OR 99W. Expect lane and shoulder closures on OR 99W and side streets, ramp closures to/from I-5 and OR 217, a limited number of weekend lane closures on OR 99W. Pedestrians will have access through and around work zones.* Estimated completion: 2024. tinyurl.com/OR99WPaving
26	OR 99W Bridge Repair: Newbury and Vermont Bridges <i>SW Portland</i> - Repair cracks in the timber bridge girders and install steel plates underneath both bridge decks to increase the lifespan and restore the original capacity of the two structures. Expect single lane closures on OR 99W. Trail closures underneath the viaducts during work hours, with a signed detour. Reduced speed limit during work. Pedestrians will have access through and around work zones.* Estimated completion: 2023. ODOTconstructionPDX.com
OR 141 (SW Hall Boulevard)	
27	Hall Boulevard ADA Ramps <i>Scholls Ferry Road to Locust Road</i> – Upgrades sidewalk curb ramps at 14 intersections along OR 141 in the Tigard/Metzger area to create safer and more accessible highway connections for all sidewalk users along SW Hall Boulevard. Expect lane and shoulder closures on Hall Boulevard and side streets. Pedestrians will have access through and around work zones.* Estimated completion: 2023. tinyurl.com/HallCurbRamps
OR 153 (Bellevue-Hopewell Highway)	
28	OR 153: Salt Creek (Ash Swale) Bridge Project <i>Amity</i> – Replaces the Salt Creek Bridge on OR 153 just west of Amity, and intersection improvements at the intersection of SW Lancefield Road. OR 153 is closed at the Salt Creek bridge, with detours through September 2023. Estimated completion: 2023. https://direc.to/jkQW
OR 213 (Cascade Highway South)	
29	OR 213 Roundabout at Toliver Road <i>Molalla</i> – Constructs a roundabout to improve safety at the intersection of OR 213 and Toliver Road. Expect a full closure of the intersection for all travelers for eight weeks starting as soon as July 6, 2023. Estimated completion: fall 2023. www.ToliverRoundabout.org
30	OR 213 82nd Avenue Paving Improvements <i>Foster Road to Thompson Road</i> – Repaves 82nd Avenue and installs pedestrian safety improvements including four RRBs, curb ramps, and new sidewalks in two locations. Expect daytime and nighttime lane closures during non-peak hours. Pedestrians will have access through and around work zones.* Estimated completion: 2025. tinyurl.com/82ndAveFosterToThompson
OR 217 (Beaverton-Tigard Highway)	
31	OR 217 Auxiliary Lanes Project <i>Beaverton and Tigard</i> – Adds auxiliary lanes to OR 217 between Beaverton-Hillsdale Highway and OR 99W and enhances the nearby bicycle and pedestrian network to improve safety and reduce bottlenecks. Expect lane closures on OR 217 and adjacent local roads, ramp closures. Pedestrians will have access through and around work zones.* Estimated completion: 2025. www.hwy217.org
Various Region 1 Highways or Local Roads	
32	ADA Ramps Improvement Project <i>Throughout the Portland Metro Area</i> – Constructs sidewalk curb ramps that meet accessibility standards in approximately 2,700 locations throughout the Portland area, making travel easier for those who use these sidewalks. Expect short-term lane and sidewalk closures. Pedestrians will have access through and around work zones.* Estimated completion: 2027. https://www.oregon.gov/odot/ADA/Pages/default.aspx
33	All Roads Transportation Safety Program – Portland Metro Area <i>Multnomah, Washington and Clackamas Counties</i> – Installs new safety features at over 200 intersections of ODOT highways and city or county roads around the Portland metro area. Improvements include tree trimming, advance warning signs, traffic signal head upgrades, stop sign improvements, and intersection lighting. Expect day-time and nighttime single lane closures. Pedestrians will have access through and around work zones.* Estimated completion: 2024. bit.ly/ARTSProgram