

2020

Northwest Oregon CONSTRUCTION MAP

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



**Oregon
Department
of Transportation**

INTERSTATE HIGHWAYS

INTERSTATE 5 (Pacific Highway)

- I-5 Interstate Bridge Trunnion Replacement**
Interstate Bridge – Replaces parts that help lift and lower the bridge to increase the safety of the bridge. **The northbound span of the bridge will be closed to all traffic from September 12-20. Traffic in both directions will share the southbound bridge.** Additional traffic impacts include ramp closures near the bridge, as well as intermittent traffic impacts from August through October. Plan ahead for congestion and delays. Completion: Fall 2020. www.InterstateBridge.org

- I-5 RealTime Signs**
Marine Drive to I-405 – Installs new ODOT RealTime electronic signs in seven locations along I-5 north of downtown Portland to make roads safer and help drivers travel more efficiently by providing real-time traffic information. **Traffic impacts include nighttime lane and ramp closures on I-5 in both directions.** Plan ahead for congestion and delays. Completion: Summer 2020. tinyurl.com/ODOTRealTime

- SW Terwilliger Blvd & SW Bertha Blvd On-Ramps Maintenance**
Southwest Portland – Maintains long-term safety on the two on-ramps to I-5 northbound by improving weight capacity. **Each of the two I-5 northbound on-ramps will close intermittently for up to one month during all hours except from 5 a.m. to 10 a.m. weekdays. No impacts to I-5.** Completion: Summer 2020. tinyurl.com/OnRampMaintenance

INTERSTATE 84 (Columbia River Highway)

- I-84 Graham Road Bridges**
Exit 17 in Troutdale – Replaces the I-84 bridges over Graham Road in Troutdale with bridges at an increased height to improve freight mobility. Work continues on Graham Road to widen parts of the road and improve safety with a new sidewalk and bike lane. **Traffic impacts include intermittent closures with detours throughout the project on Graham Road, I-84, and the frontage roads.** Completion: Winter 2020. www.i-84Troutdale.org

- I-84 Hood River Bridges Repair**
Between Exit 63 and Exit 64 in Hood River – Increases safety and bridge lifespan by repairing and replacing the bridge decks on I-84 over Hood River. **Single 24/7 lane closures in both directions with weeknight ramp closures at Exit 63 and Exit 64.** Expect minimal traffic impacts between Memorial Day and Labor Day. Cyclists on I-84 must use alternate route during construction. See website for more details. Completion: Summer 2021. tinyurl.com/HoodRiverBridgesRepair

- Hood River, Rufus & Biggs Junction Variable Message Signs**
I-84 eastbound in Hood River and westbound in Rufus, U.S. 97 southbound at Biggs Junction – Improves communications infrastructure and increases safety by installing two new variable message signs and replacing one existing variable message sign. **Traffic impacts include intermittent lane closures and rolling nighttime slowdowns.** Completion: Fall 2020. tinyurl.com/ODOTI84andUS97signs

INTERSTATE 205 (War Veterans Memorial Freeway)

- I-205 RealTime Signs**
Between I-5 and OR 212 – Installs new ODOT RealTime electronic signs in five locations on I-205. **Traffic impacts include nighttime lane closures and some full nighttime closures of I-205.** Completion: Fall 2020. www.i205corridor.org

- I-205 Paving: Abernethy Bridge to SE 82nd Avenue**
Oregon City – Repaves and improves safety by installing rumble strips on I-205 between the Abernethy Bridge in Oregon City and SE 82nd Avenue near the OR 224 interchange. **Traffic impacts include nighttime lane and ramp closures on I-205.** No daytime lane closures. Completion: Fall 2020. bit.ly/I205paving

INTERSTATE 405 (Stadium Freeway)

- I-405 Ramps Project**
Elevated sections on either side of the Fremont Bridge – Repairs and replaces a number of freeway joints on the elevated sections of I-405 on either side of the Fremont Bridge to improve safety and increase the lifespan of this heavily traveled section of freeway. **Traffic impacts include lane closures and nighttime and weekend closures of ramps.** Plan ahead for congestion and delays. Completion: Fall 2020. www.i405ramps.org

U.S. HIGHWAYS

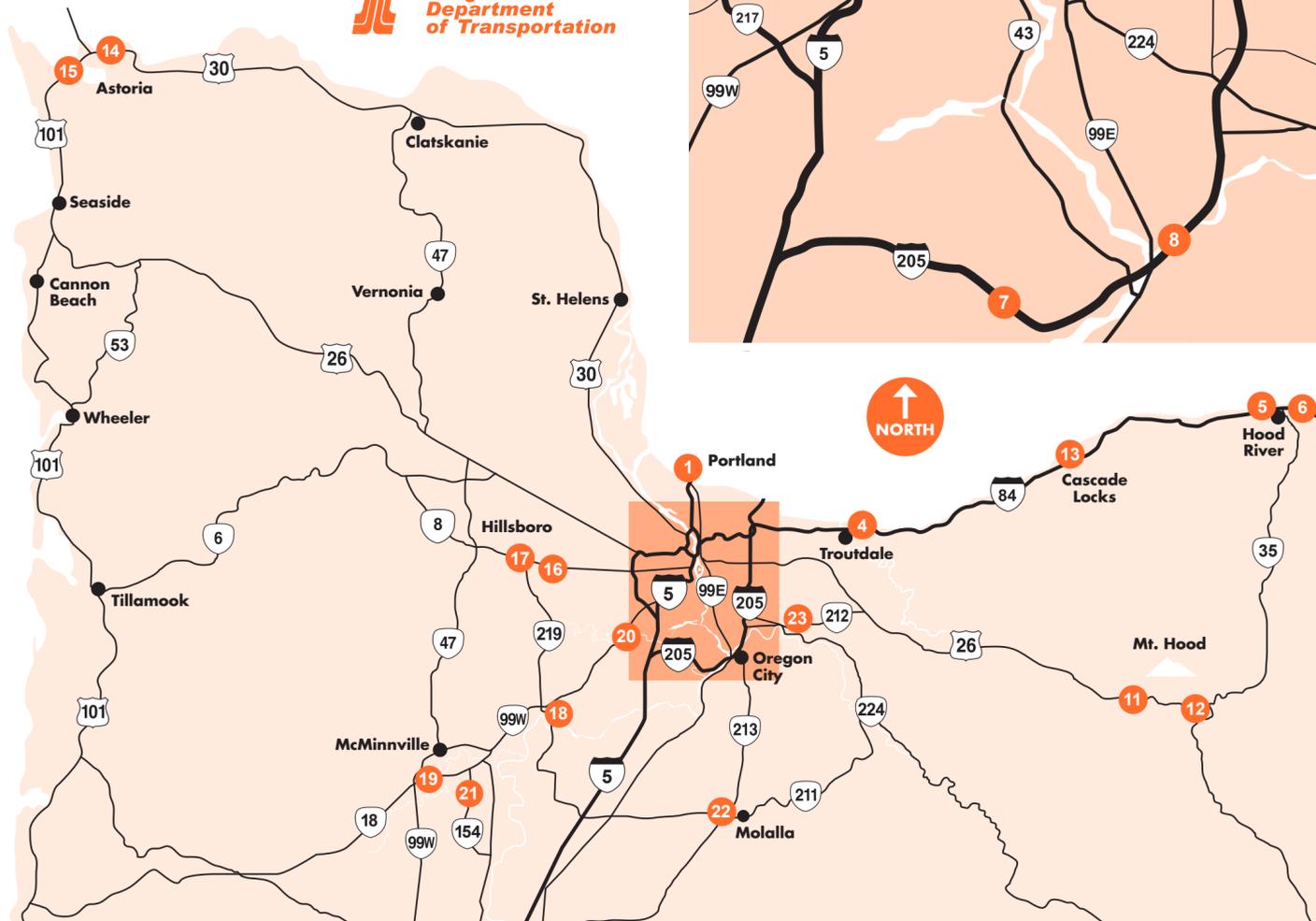
U.S. 26 (Powell Boulevard)

- Outer Powell Safety Improvements**
SE 122nd Avenue to SE 136th Avenue – Builds roadway improvements on outer Powell Boulevard including sidewalks where there are none now, improved crosswalks, bike lanes, center turn lanes, storm drains and lighting. **During construction, two-way traffic will be maintained on Powell Boulevard with some intermittent nighttime lane closures with flaggers.** A marked pedestrian path and striped bike lane will be maintained in both directions. Completion: Fall 2020. www.OuterPowellSafety.org

2020

CONSTRUCTION PROJECTS Northwest Oregon

For project information, visit:
www.oregon.gov/ODOT



U.S. 26 (Mt. Hood Highway)

- U.S. 26 Zigzag – Rhododendron**
Between Zigzag and Rhododendron – Repaves 2.5 miles of U.S. 26 and replaces or installs guard rail, glare shields and rumble strips to improve safety between E. Lolo Pass Road in Zigzag and E. Arlie Mitchell Road in Rhododendron. **Traffic impacts include daytime lane closures with flaggers directing traffic at times.** Completion: Fall 2020. tinyurl.com/US26PavingatRhododendron

- U.S. 26 & OR 35 Sign Improvements**
Government Camp to Sherwood Campground – Replaces and upgrades 26 guide and warning signs on U.S. 26 and OR 35 with more durable materials. Signs will be taller to reduce the possibility of snow cover or damage during winter. **There will be minimal traffic impacts with mostly shoulder work.** Completion: Fall 2020. tinyurl.com/US26SignImprovements

U.S. 30 (Historic Columbia River Highway)

- Wa Na Pa Streetscape Improvements**
Downtown Cascade Locks – Improves the operations, safety and accessibility of Wa Na Pa Street in Cascade Locks with ADA-compliant curb ramps, crosswalk markings and new pavement. **One lane of traffic will be open in each direction with flaggers directing traffic on weekdays during paving.** Expect some short-term detours for side streets. Completion: Fall 2020. tinyurl.com/WaNaPaStreetscape

U.S. 101 (Oregon Coast Highway)

- Astoria Waterfront Bridge Replacement**
Astoria Waterfront – Replaces six aging bridges at the Astoria Waterfront at 6th through 11th Streets to improve safety on the waterfront and installs drainage and water quality facilities at the intersection of U.S. 30 and 30th Street in Astoria. **Traffic impacts include street end closures on 6th, 8th and 10th Streets and intermittent lane restrictions on U.S. 30 and 30th Street.** Completion: Summer 2020 www.astoria.or.us/Waterfront_Bridges_Replacement.aspx

- U.S. 101 New Youngs Bay Bridge Repairs**
New Youngs Bay Bridge in Astoria – Repairs a bridge built in 1963 in need of major repairs to increase safety and longevity of the bridge. **Traffic impacts in 2020 include intermittent nighttime single lane closures. There will be a 14-day nighttime full bridge closure near the end of the project in 2021.** Plan for delays. Completion: Fall 2021. tinyurl.com/NewYoungsBay

During construction, pedestrian detours will be accessible to people with disabilities. For Americans with Disabilities Act (ADA) or Civil Rights Title VI accommodations, translation/interpretation services or for more information call 503-731-4218, TTY 800-735-2900 or Oregon Relay Service 7-1-1.

STATE HIGHWAYS

OR 8 (Tualatin Valley Highway)

- Pedestrian Crossing Upgrade at SE 44th/45th Avenue**
SE 44th/45th Avenue in Hillsboro – Improves pedestrian safety across OR 8/TV Highway between SE 44th and SE 45th avenues in Hillsboro. Improvements include a new pedestrian-activated flashing beacon and advanced warning signs, improved lighting, and upgraded ADA-compliant curb ramps. **Traffic impacts include lane closures and intermittent crosswalk closures with pedestrian and bicycle detour signs or flaggers directing traffic.** Completion: 2020. www.OR8construction.org

- OR 8 at OR 219 Intersection Improvements**
OR 219 in Hillsboro – Improves safety on OR 8/TV Highway at the intersection of OR 219 in Hillsboro. Improvements include paving, new traffic signals and signs, improved lighting, upgraded ADA-compliant curb ramps, and a new southbound left turn lane at the S First Avenue and SW Oak Street intersection. **Traffic impacts include lane closures and intermittent crosswalk closures with pedestrian and bicycle detour signs or flaggers directing traffic.** Completion: 2020. www.OR8construction.org

OR 18 (Newberg-Dundee Bypass)

- OR 18 Newberg-Dundee Bypass Wilsonville Road Realignment**
OR 219 to Wilsonville Road – Realigns Wilsonville Road to reconnect to OR 219 just south of Wynooski Road to direct Wilsonville Road traffic to OR 219. This is Phase 1W of the Newberg Dundee Bypass project. **Traffic impacts include intermittent lane closures with flaggers directing traffic on Wilsonville Road, OR 219 and Springbrook Road.** Completion: Summer 2020 tinyurl.com/NDBphase1W

- OR 18 Yamhill Overflow Bridge Repairs**
OR 18 at the Yamhill River – Improves safety by making repairs to the bridge. **Traffic impacts include 24/7 road closures on OR 18 for two consecutive weekends, Friday night through Monday morning.** Completion: Summer 2020. tinyurl.com/or18or154BridgeRepairs

OR 35 (Mt Hood Highway)

- U.S. 26 & OR 35 Sign Improvements**
Government Camp to Sherwood Campground – Replaces and upgrades 26 guide and warning signs on U.S. 26 and OR 35 with more durable materials. Signs will be taller to reduce the possibility of snow cover or damage during winter. **There will be minimal traffic impacts with mostly shoulder work.** Completion: Fall 2020. tinyurl.com/US26SignImprovements

OR 99W (Pacific Highway West)

- OR 99W Tualatin River Bridge**
Northbound OR 99W over the Tualatin River – Installs a new concrete bridge deck and replaces joints on the northbound side of the OR 99W Tualatin River Bridge. **A 30-day single lane closure is planned across the bridge, leaving one lane for northbound traffic.** Completion: Fall 2020. bit.ly/OR99Wbridge

OR 154 (Lafayette Highway)

- OR 154 Farmer River Bridge Repairs**
OR 154 over Farmer River – Improves safety by making repairs to the bridge. **Traffic impacts include lane closures with flaggers directing traffic and some full closures of OR 154 yet to be determined.** Completion: Summer 2020. tinyurl.com/or18or154BridgeRepairs

OR 211 (Woodburn-Estacada Highway)

- OR 211 at Ona Way**
Near OR 213 in Molalla – Improves safety by constructing pedestrian and bicycle improvements on OR 211 near OR 213 in Molalla. **Traffic impacts include mostly shoulder work with temporary lane closures and occasional flagging.** Completion: 2021. tinyurl.com/OR211Improvements

OR 212 (Clackamas-Boring Highway)

- OR 212 Improvements**
From I-205 to U.S. 26 through Damascus and Boring – Repairs and repaves OR 212, installs accessible curb ramps and pedestrian facilities at 26 intersections along OR 212, and installs a fish-friendly bridge at North Fork Deep Creek. **OR 212 will be closed 24/7 at North Fork Deep Creek for 12 days in summer 2020.** Expect sidewalk closures and daytime and nighttime lane closures on OR 212 with flaggers directing traffic in limited areas. Completion: 2021. www.or212improvements.org

Various Region 1 Highways or Local Roads

- Region 1 LED Replacement Pilot**
Throughout the Portland Region – Replaces over 8,000 existing roadway lights with LEDs to save energy and maintenance costs. **Traffic impacts include rolling nighttime lane closures with intermittent partial or full tunnel closures around the region.** Completion: Winter 2020. tinyurl.com/odotR1LEDpilot
- Rumble Strips and Green Bicycle Striping**
Portland – Improves safety for road users by installing rumble strips along six miles of Marine Drive and green painted bike lanes on several locations on Capitol Highway. **Traffic impacts include short-term lane and shoulder closures.** Completion: Fall 2020 tinyurl.com/MarineDriveRumble

Safety is Everyone's Responsibility

We all share responsibility for following the rules and being safe on Oregon's highways. Making the wrong decision on the road can put your life and the lives of others in danger. Please play your part in helping everyone in our community get home safely today and every day.

WE ARE ALL RESPONSIBLE FOR FOLLOWING THE RULES OF THE ROAD



Impaired driving is the number one cause of fatal car crashes in the U.S. and here in the Portland area.



Although one third of all fatal crashes involve alcohol impairment, crashes caused by impairment from other substances are on the rise. You don't have to have a blood alcohol level of .08 to get a DUI. If your driving is impaired by any substance including marijuana, narcotics or even prescription drugs, you can be charged with a DUI. Please **make a plan before you drink or use substances** and keep your fellow Oregonians safe.

Speed is the second biggest cause of fatal car crashes.

Speeding does not save as much time as you may think. If you drove the entire length of I-5 from the Interstate Bridge to I-205 in Tualatin going 60 miles per hour instead of 55, you would save less than two minutes, even if you didn't stop or slow down during the whole drive. So why speed?

Going even five miles per hour over the limit increases the risk of a crash, major injury and death. Trying to save a few minutes in your drive isn't worth risking your life or the lives of others on the road.

Pedestrian deaths are on the rise nationwide and in Oregon.

Under Oregon law, drivers must stop for people crossing and remain stopped until the people crossing clear your lane and six feet of the next lane. When turning, make sure you check for other vehicles or people walking, rolling or biking. And remember, people with vision impairments indicated by a guide dog or a cane have to completely clear the road before you proceed.

Tips for Pedestrians and Bicyclists Moving 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:

- Plan your trip.
- ▶ Visit www.TripCheck.com or dial 5-1-1 to determine if construction is occurring along your route.
- 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.state.or.us

Tips for Traveling Safely in 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 others.

- **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.

Rectangular Rapid Flash Beacons



Rectangular Rapid Flash Beacons, or RRFBs, are push button activated LED beacons that alert drivers to the presence of pedestrians at a crossing.

Some RRFBs have audible messages indicating that lights are flashing for people with vision impairment. When not in use, the flashing beacon will remain dark.



Safety Tips for People Crossing

Be responsible. Look before crossing and continue to look while you cross.

Be seen. Make yourself visible and make eye contact with drivers.

Cross legally.

HOW TO USE A RECTANGULAR RAPID FLASH BEACON

PUSH the button to activate the flashing lights.

LOOK to make sure cars have stopped before you cross the street and continue to be aware of traffic while crossing.

CROSS. If there is a median island, check again that cars have stopped before you continue. Be aware of traffic. Some RRFBs at crossings with median islands will have another activation button on the island so you can pause and activate the lights again before crossing when it is safe.

Safety Tips for Drivers

Every intersection is a **crosswalk** in Oregon, whether marked or unmarked.

Always watch for people walking, rolling or biking while you drive, even when there are no RRFBs around.

Never drive distracted or impaired. Ever.

HOW DRIVERS SHOULD RESPOND TO A RECTANGULAR RAPID FLASH BEACON

LOOK for flashing beacons indicating the presence of people wanting to cross. Remember: you must stop for people crossing at every intersection.

RESPOND when you see the flashing lights by looking for people at the crossing and preparing to stop.

STOP behind the bold white stripe before the crossing and remain stopped until all people have cleared the lane you are in and the lane(s) next to it.

PROCEED WITH CAUTION after the people walking, rolling or biking have cleared the crossing.

ODOT Pedestrian and Bicycle Program

The goals of the **Oregon Pedestrian and Bicycle Program** are to reduce crashes involving people walking, rolling and biking, eliminate crashes that result in injuries and deaths, and promote active transportation to improve health and safety. The program implements statewide active transportation policy and helps to fund investments for people who bike, walk and roll in Oregon.

Pedestrian and Bicycle Program funding goes toward active transportation elements in ongoing and future construction projects on ODOT highways

and city and county projects through **Safe Routes to School**, the **Sidewalk Improvement Program**, **Transportation Growth Management grants**, the **All Roads Transportation Safety Program**, and other funding sources.



Shown here are a crosswalk (top) and Rectangular Rapid Flash Beacon (right), two of the many types of biking and walking investments that the Pedestrian and Bicycle Program help to fund.



► **Learn about the program and what we're up to at www.oregon.gov/ODOT/programs/pages/bikeped.aspx**

I-5 Interstate Bridge Trunnion Replacement

This September, ODOT will replace mechanical parts that help lift and lower the northbound span of the Interstate Bridge between Oregon and Washington.



The Interstate Bridge is vital to the west coast trade route that spans all the way from Canada to Mexico.

Currently, over 45 million vehicles travel over the bridge annually.

The Columbia River is home to a vibrant maritime industry, which relies on the river to access ports in Oregon, Washington and internationally. The ability to raise the bridge is essential for this industry. ODOT will be making repairs this summer to mechanical parts that help raise the bridge for maritime traffic.

Bridge Closure

The northbound span of the Interstate Bridge will close from **September 12–20, 2020** as crews replace mechanical parts that help lift and lower the bridge. This important maintenance work is necessary to keep the bridge in working order.

During the closure period, travelers crossing the Interstate Bridge in both directions will share the three lanes and sidewalk on the southbound bridge. Movable concrete barriers will allow two lanes of traffic to travel in the heaviest direction.

Heavy traffic, congestion and long delays are expected on I-5, I-205, and local streets in north Portland and south Vancouver. Everyone can help reduce congestion during the closure by using options such as delaying or shifting trips, biking, taking transit, or working from home or another location if possible.

▶ **To learn more about bridge maintenance and traffic impacts, visit www.interstatebridge.org**

Know Before You Go

ODOT'S GOAL is to provide a safe, reliable transportation system for travelers and that means road, bridge and highway improvements are all around Northwest Oregon this summer.

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

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This map is designed to show you where major road construction projects are planned along ODOT's Northwest Oregon highways during the summer 2020 construction season and help you avoid delays.

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

