

**Cascades West Area Commission on Transportation**  
**Wednesday, August 2, 2017**  
**5:00 - 7:00 pm**

Videoconference at: Cascades West Center  
1400 Queen Avenue SE, Albany

Meeting held at: OCWCOG Offices  
203 North Main Street, Toledo

***NOTE: Meeting held in Toledo***

**AGENDA**

- 1. 5:00 Welcome and Agenda Review** **Chair Hunt**
- 2. 5:05 Approve Minutes from May 25<sup>th</sup> meeting (Attachment 1)** **Chair Hunt**  
*ACTION: Approval of minutes*
- 3. 5:10 Public Comments** **Chair Hunt**  
*This time is reserved for members of the public to comment on issues related to the CWACT's activities (limited to three minutes per comment).*  
*ACTION: Information only*
- 4. 5:15 Eclipse Planning** **Jenny Demaris,**  
**(Attachment 2)** **Lincoln County Emergency Management**  
*An overview of planning activities and expected transportation impacts related to the August 21st solar eclipse.*  
*ACTION: Information only*
- 5. 5:55 Lincoln County Transit Development Plan** **Cynda Bruce,**  
**(Attachment 3)** **Lincoln County Transit**  
*An overview of transit planning in Lincoln County including service enhancement options for the next 20 years.*  
*ACTION: Information only*
- 6. 6:10 Coastal Highway Resilience Study** **Geoff Crook, ODOT**  
**(Attachment 4)**  
*How nature-based infrastructure can protect US 101 from storms and bluff erosion.*  
*ACTION: Information only*
- 7. 6:35 Area Manager's Report and Legislative Overview,** **Frannie Brindle, ODOT**  
**Including 2021-24 State Transportation Improvement Program (STIP) Overview**  
**(Attachment 5)**  
*ACTION: Information only*
- 8. 7:00 Adjournment**

**DRAFT MINUTES**

**Cascades West Area Commission on Transportation (CWACT)**

**Oregon Cascades West Council of Governments (OCWCOG), Albany**

**May 25, 2017 – 5:00 pm**

**CWACT Members Present:**

Bill Gellatly, Lincoln County Private Sector

Janet Steele, Linn County Private Sector

Bill Bain, Lincoln County Private Sector

Frannie Brindle, ODOT

Doug Hunt, Lincoln County

Bob Elliott, City of Lebanon

Don Miller, City of Millersburg

Barbara Bull, City of Corvallis

Greg Chamberlain, City of Halsey

Robert Gambino, City of Depoe Bay (video)

Dean Sawyer, City of Newport (video)

Josh Smith, City of Toledo (video)

Cody Gray, City of Siletz (video) Lincoln County Private Sector?

**Alternates Present:**

Ron Irish, City of Albany

Valerie Grigg Devis, ODOT

Josh Wheeler, Benton County

Mary Steckel, City of Corvallis

**Ex-Officio:**

Ali Bonakdar, CAMPO

**Guests:**

Garth Appanaitis, DKS Associates

Lisa Strader, ODOT

Melissa Murphy, Business Oregon

**OCWCOG Staff Present:**

Phil Warnock

Tarah Campi

Emma Chavez

**1. Welcome and Agenda Review**

The Chair, Commissioner Doug Hunt called the meeting to order at 5:04 pm.

**2. Minutes from the March 23, 2017 meeting**

**ACTION:** By consensus, the March 23, 2017 meeting minutes were approved as written.

**3. Public Comment**

## Attachment 1

There were no public comments.

### 4. AAMPO Regional Transportation Plan

Garth Appanaitis, DKS Associate provided information on the Regional Transportation Plan (RTP) development for the Albany Area Metropolitan Planning Organization (AAMPO).

Appanaitis noted that the RTP is a federally required document that assists in guiding transportation investments and strategies in the Region. He stated that during the RTP development, AAMPO reviewed four different scenarios; two short term scenarios (1-3 years), a medium term (5-10 years), and a long term (15-25 years). Appanaitis noted that there were two aspirational scenarios that were also looked at for projects that were above and beyond and had no current funds in place.

ODOT's Mosaic tool was used to evaluate performance data, project costs, and goal priorities to provide a benefits/cost ratio and weigh goal scoring.

Many lessons were learned during the process including; a new river crossing has marginal benefit for trips within the MPO and could impact non-highway corridors (aspirational scenario), the congestion benefit of major capacity projects is unlikely to outweigh the costs, and significant transit investment can improve coverage and ridership, but not at a level to significantly affect congestion or auto travel.

The recommended investment approach was Scenario 2, Manage Congestion:

- Transit enhancement is worth the investment
- Active transportation investments are key for livability
- Safety improvements result in significant benefits, and large-scale capital improvements should be noted as supported, but not the target of limited MPO funding.

### 5. Legislative Update

Michael Eliason, Transportation Policy Manager for the Association of Oregon Counties provided an update on the State Legislative session.

Eliason reported that the Joint Committee on Transportation Preservation and Modernization traveled the entire state of Oregon to receive feedback and recommendations. The Committee has presented to the Full Committee and a Bill is being drafted. The Bill will be reviewed this coming week, with a public testimony session. In July, the Bill moves on to the House and Senate.

Eliason noted that the Bill consists of several tax proposal including; gas tax, vehicle registration, and title fee increases. Draft increases are as follows: gas tax at 6 cents plus 10 year phase in of 8 cents, tiered title fee of \$20 plus 10 year phase in of \$20, tiered registration fee of \$20 plus 10 year phase in of \$20. The taxes and fees, if adopted, would generate approximately \$5.09 billion of investment. These funds would be divided between the state at 50%, the counties at 30%, and the cities at 20%.

## **Attachment 1**

Members were advised that staff would continue to provide updates.

### **6. Intermodal Feasibility Update**

Melissa Murphy, Regional Coordinator for Business Oregon provided an Intermodal Feasibility update.

Melissa reported that the legislature directed Business Oregon and IFA to evaluate the business case for an intermodal facility and rail connections from the Willamette Valley. Driving factors for the study included; disruption of Port of Portland's Terminal 6 container service reduced Oregon's agricultural exporter's shipping options and increased costs for many exports, looking for options to increase resiliency of Oregon's agricultural exports to future transportation disruptions, and increasing highway congestion challenges.

Melissa noted that an Intermodal Transfer Facility (ITF) supports shipping intermodal containers by rail. It does not provide transloading services or provides warehousing of commodities or long-term storage of containers. The scope was to focus on the business case, address needs, and potential strategies for public investments, and provide a qualitative assessment of the ITF's potential benefits to the public.

An analysis was developed to detail two technical memoranda's; 1. Size of the market and demand for ITF, and 2. Cost, revenue, public investment, and benefits. The report summarizes the finding of the analysis.

The market study area includes the Willamette Valley south of Salem, the Oregon Coast, and Southern Oregon, including Klamath County. The Study used Oregon Phytosanitary Certificates issued in 2015, and verified the information through interviews with producers and shippers.

The phytosanitary identified straw, hay, lumber, wood products, potatoes, seeds, grains, and nursery stock as containerized exports.

### **7. ADA Update**

Lisa Strader, ODOT's ADA Program Manager provided information on the ADA related planning and settlement.

In March, 2017 the Federal Judge approve a settlement agreement that ends the ADA lawsuit against ODOT. The settlement changes ODOT processes, and those changes impact local agencies. Specifics in the settlement apply only to or along the State Highway System.

ODOT must inventory all curb ramps and pedestrian signals on the State Highway System by the end of December 2017. ODOT must also remediate all non-compliant curb ramps and non-compliant pedestrian signals. Strader went on to review additional specifics of the settlement, noting that ADA is going to change how ODOT does planning, project selection, design, construction, maintenance, operations, including how it works with local agencies.

## **Attachment 1**

In order to meet requirements, ODOT is now working on training on inspecting newly constructed curb ramps, developing training for designing curb ramps, working with planners to update Development Review Guidelines for local jurisdictions, working on Temporary Pedestrian Accessible Route Plan requirements, contracting with Accessibility Consultant, and already has three consultants on board.

### **8. Area Manager's Report**

Pioneer Mountain Eddyville is on its last phase at the West End Cure. Work will begin June 1<sup>st</sup> and should be completed by September 22<sup>nd</sup>. Final stripping should be completed in August.

Over one million people are expected in Oregon on Monday, August 21<sup>st</sup> for the Total Eclipse. No construction will take place from Friday prior to the Eclipse through the Wednesday after.

### **9. Adjournment**

Meeting adjourned at 7:05 pm. Next meeting date: July 27<sup>th</sup> in Toledo, but will need to be rescheduled due to a conflict with the Coastal Caucus event

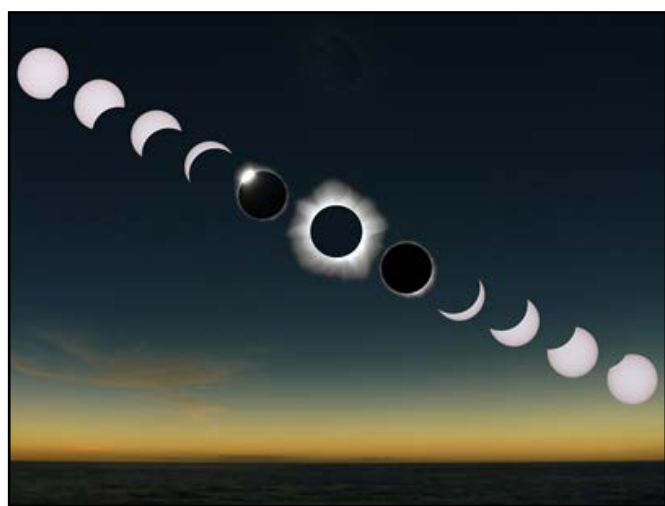


**Public Health**  
Prevent. Promote. Protect.

*Lincoln County*

# Eclipse Information Guide

Lincoln County, Oregon



- **Total Solar Eclipse:**  
Monday, August 21, 2017
- **Anticipated Community Impact Days:**  
Thursday, 08/17 – Tuesday, 08/22
- **Eclipse Begins:**  
9:04am (+1.19 foot tide)
- **Total Eclipse Occurs:**  
10:15am (+3.23 foot tide)
- **Total Darkness:**  
1 minute 58 seconds

## Incoming and Outgoing Tides for Lincoln County:

Date	Low	High	Low	High
Sun. 8/20/2017	-1.18 5:52am	+7.64 12:27pm	+2.21 5:48pm	<b>+9.54 11:53pm</b>
Mon. 8/21/2017	-1.23 06:37am	+7.98 1:08pm	+1.82 6:39pm	

***Be Ready, Be Patient, Be Safe...Enjoy!!!***

Issue Date: June 19, 2017

## Table of Contents

- A. [A Message from Your Elected Officials](#)
- B. [Eclipse Facts](#)
- C. [Tips - for Residents](#)
- D. [Tips - for Visitors](#)
- E. [Tips - for Businesses](#)
- F. [Safety - 911, When and How to Call for Emergency Response](#)
- G. [Safety - Beach and Water](#)
- H. [Safety - Earthquakes and Tsunamis at the Coast](#)
- I. [Safety - Eye Protection \(Eclipse Viewing\)](#)
- J. [Safety - Fire Prevention](#)
- K. [Safety - Food](#)
- L. [Safety - Heat](#)
- M. [Safety - Transportation, Travel and Parking](#)
- N. [Info - Animal Preparedness](#)
- O. [Info - Garbage, Solid Waste and Sanitation](#)
- P. [Info - Medical Services and First Aid](#)
- Q. [Info - Public Health](#)
- R. [Info - Rules and Etiquette](#)
- S. [Quick Reference - Emergency Notification System – Lincoln Alerts](#)
- T. [Quick Reference - Community Information and Links](#)
- U. [Quick Reference - Non-Emergency Public Safety Contacts](#)

**For additional information or questions contact City, Tribal agencies or**

Lincoln County Sheriff's Office

Emergency Management

(541) 265-4199

[vdemaris@co.lincoln.or.us](mailto:vdemaris@co.lincoln.or.us)

[www.co.lincoln.or.us/sheriff](http://www.co.lincoln.or.us/sheriff)



## A. A Message from Your Elected Officials

If you were to stay in one place all your life, the chances of seeing a total solar eclipse would be quite slim. This fact is one aspect of why August 21<sup>st</sup>, 2017, will be a very special day in the history of Lincoln County. First contact will happen here, in our county. The eclipse chasers are coming and they want to be the first people to experience totality in the continental U.S.

As residents, we are fortunate to know why visitors from all walks of life are drawn to our beautiful community, especially in the summer. Lincoln County is a spectacular place. In all probability, if the weather cooperates, we will all be in for a special treat when sun's shadow crosses our state.

Increased tourism is part of our seasonal experience. It is our opportunity every year to experience a much needed boost in the economy. Locals are well aware that during peak summer months, going to our favorite restaurants may mean longer waits; and traveling throughout our county simply takes more time.

We encourage everyone to take a few moments to review the county's Eclipse Information Guide. You will discover best practices that should be familiar. These tips for health and safety, we hope, have become more commonplace in our dialogue with friends and family. The principles that apply to emergency preparation are much the same as they apply to mass gatherings, tsunamis, and other natural hazards.

Preparation is about planning for the known and unknown. The county has worked with our local cities, tribe, public safety and our state and federal partners to assess our community needs during the impact days and develop staffing and resource plans to include contingency plans. In particular, public safety and partners will have exercised the following scenarios prior to the eclipse event: a wildland fire with community evacuation, a hazardous material transportation accident with multiple critical injuries, a distant tsunami from the Gulf of Alaska, and a public health outbreak response.

The eclipse represents both increased opportunity and challenges. As thousands of additional individuals and families arrive for a once in a lifetime celestial event, we encourage residents & visitors alike to be ready; to be patient; to be safe; and most of all, to enjoy this unique experience at the coast!

During the days leading up to and during the eclipse event, we encourage you to read our local newspapers and listen to our local public radio stations as they, too, are committed to bringing you preparedness information and current information during the eclipse event. In addition to local news media, residents, visitors and businesses can refresh their information or sign-up for our Lincoln County emergency notification system, Lincoln Alerts. We specifically have a text keyword for the eclipse event "LINC4ELCIPSE" and "LINC4ROADS" that we will use to keep our community up to date on current situations as well as our county website.

***Respectfully submitted,***

***Lincoln County Board of Commissioners and Lincoln County Sheriff***

Lincoln County Website: [www.co.lincoln.or.us](http://www.co.lincoln.or.us)  
Lincoln County Lincoln Alerts: [www.co.lincoln.or.us/alerts](http://www.co.lincoln.or.us/alerts)



## B. Eclipse Facts

On Monday, August 21, 2017, all of North America will be treated to an eclipse of the sun. Anyone within the path of totality can see one of nature's most awe-inspiring sights - a total solar eclipse. This path, where the moon will completely cover the sun and the sun's tenuous atmosphere - the corona - can be seen, will stretch from Lincoln Beach, Oregon to Charleston, South Carolina. Observers outside this path will still see a partial solar eclipse where the moon covers part of the sun's disk.

### Who Can See It?

Lots of people! Everyone in the contiguous United States, in fact, everyone in North America plus parts of South America, Africa, and Europe will see at least a partial solar eclipse, while the thin path of totality will pass through portions of 14 states.

### What Is It?

This celestial event is a solar eclipse in which the moon passes between the sun and Earth and blocks all or part of the sun for up to about three hours, from beginning to end, as viewed from a given location. For this eclipse, the longest period when the moon completely blocks the sun from any given location along the path will be about two minutes and 40 seconds. The last time the contiguous U.S. saw a total eclipse was in 1979.

### How Can You See It?

You never want to look directly at the sun without appropriate protection except during totality. That could severely hurt your eyes. However, there are many ways to safely view an eclipse of the sun including direct viewing – which requires some type of filtering device and indirect viewing where you project an image of the sun onto a screen. Both methods should produce clear images of the partial phase of an eclipse. [Click here](#) for eclipse viewing techniques and safety.

Source: NASA <https://eclipse2017.nasa.gov/>

To see the eclipse path, view NASA's video at <https://www.youtube.com/watch?v=XX7AxZhPrqU>.



## C. Tips for Residents

**Eclipse Begins** Monday, August 21, 2017, at 9:04am

**Anticipated Community Impact Days:** Thursday, 08/17 – Tuesday, 08/22

- Traffic will be heavy and lines for local services such as restaurants, gas stations, grocery and retail stores may be longer than usual; do what you can ahead of time before the anticipated impact days and allow for extra time to get where you need to go.
- Things to consider doing in advance to make life a little easier during the heaviest congestion periods:
  - **Errands & Appointments:** Schedule your errands and appointments early, before Thursday the 17<sup>th</sup> if possible. Check ahead if you have plans for Monday the 21<sup>st</sup>; some services may be closed or have limited hours during this time. By scheduling your errands early, you will beat the crowds and give our local stores and businesses time to restock before the eclipse visitors arrive; this includes grocery shopping, doctor/dentist/veterinary appointments, prescriptions, etc.
  - **Supplies:** Overall, supplies may be limited due to the high demand; which may mean the items you want are not available during the impact days. If there is something important you want, get it early.
  - **Gas:** If you normally fill up your gas tank Friday – Monday, be sure to do that task early, before Thursday, August 17<sup>th</sup>.
  - **Cash:** If you regularly use cash or want some on hand, consider visiting your local bank or ATM before Thursday, August 17<sup>th</sup>.
- **911:** Know when it is appropriate to call 911 (true emergencies) and have the non-emergency phone number for your local Dispatch Center programmed into your phone ahead of time. [\[See section F – Safety – 911 Services\]](#)
- **Cellular Service:** With the increased number of visitors, local public safety officials anticipate cellular service may become overwhelmed (primarily Monday the 21<sup>st</sup>) or have limited access during the impact days. Consider these ideas to assist with communications during this time:
  - Develop a communication plan with family and friends if you lose or have limited service.
  - If you only have a mobile phone at home find out which of your neighbors have a land-line number in case you need to call 911 for an emergency.
- **Public Water Systems:** Consider postponing watering your lawn or using “extra” water during the anticipated impact days to take a little pressure off of the public water systems during that time.
- **Reminder from Public Health:** A food preparation license is required if you plan to prepare and sell perishable food items from your home or business to others; contact Lincoln County Public Health at 541-265-4127.
- **Individual/Family Emergency Plans:** Consider the eclipse event a drill to check your emergency kits and emergency plans. If you do not have a kit or have not talked about your emergency plans, now is a great time to do so. Lincoln County Sheriff’s Office website has information to help in your planning efforts; make sure family members and friends know your plans. [www.lincoln.co.or.us/sheriff](http://www.lincoln.co.or.us/sheriff)
- **Lincoln County Emergency Notification System:** Take a minute to look at the options available to you to receive emergency and community information for Lincoln County, local cities and the Confederated Tribes of Siletz Indians at [www.lincoln.co.or.us/alerts](http://www.lincoln.co.or.us/alerts)

## D. Tips for Visitors

**Eclipse Begins** Monday, August 21, 2017, at 9:04am

**Anticipated Community Impact Days:** Thursday, 08/17 – Tuesday, 08/22

Lincoln County's population of approximately 46,500 is expected to swell to 115,000+ during the impact period. It is best to arrive early, come prepared, and *have reasonable expectations, given the situation*. Once the eclipse begins, you will forget all about the crowds and any small inconveniences it took for you to experience this wondrous event!

The Oregon Coast is beautiful, but keep local hazards in mind and always know where your safe zones are, especially when at the beach or near the ocean. Important hazards to be aware of:

- **Tides – We expect a very high tide the night before the eclipse.** If you plan to visit the beach know when to expect the incoming and outgoing tides; remember, our rivers in the tidal area may also be affected by the tidal changes. [NOAA Tide Tables for Oregon](#)
  - **Distant/Local Tsunami Zones** - Know where your safety areas are, be aware of your environment and where to go in the event of flooding, earthquakes and other natural disasters. Use due diligence; overall, be aware of your surroundings. Tsunami Public Evacuation Maps, [www.oregontsunami.org](http://www.oregontsunami.org)
- While Visiting During The Eclipse Impact Days:**
- Do not think, "We'll just pick up what we need when we get there." Supplies, cash, fuel, and restaurant meals may be limited or have long lines due to high demand.
  - Think about your personal safety and security:
    - Have a good communication plan with your family members. Cell service may be limited due to the increased volume. Have an out of area friend or family member you can check in with if you get separated. Pick a landmark where you can reunite if you get separated in a crowd.
    - Do not leave valuables in your vehicles. Think through your security plan and how to keep important items secure, i.e., cell phones, telescopes, binoculars, wallets, etc.
  - Make sure your vehicle/RV has been serviced and you are all fueled up and ready to go (gas, propane, etc.)
  - Help us keep our communities and public areas clean and safe; follow the rule "Pack it in, Pack it out!"

### What to Bring With You:

- |   |   |
|---|---|
| <ul style="list-style-type: none"><li>• Eclipse Viewing Glasses</li><li>• Water (plenty of it)</li><li>• First Aid Kit</li><li>• Necessary medications for you and your pets</li><li>• Cash (ATMs may be limited during this time)</li><li>• Sunscreen</li><li>• Sunglasses</li><li>• Hat/visor</li><li>• Comfortable walking shoes</li><li>• Folding chair</li></ul> | <ul style="list-style-type: none"><li>• Jacket or sweatshirt (for the evening hours)</li><li>• Snacks/food for the hours, days you plan to be with us</li><li>• Prepaid phone card – if you need to call long distance and cellular service is not available</li><li>• Maps of area if you need directions (print your directions and bring them with you); your cellular service may be limited during heaviest impact times</li></ul> |
|---|---|

## E. Tips for Businesses

**Eclipse Begins** Monday, August 21, 2017, at 9:04am

**Anticipated Community Impact Days:** Thursday, 08/17 – Tuesday, 08/22

Lincoln County expects as much as a 30% increase in visitors over a normal summer holiday weekend. This could be a great opportunity for business, but you will need to be prepared. Grocery stores, gas stations, hotels, restaurants, transportation services, coffee shops, retail stores, urgent care/walk-in clinics and many other establishments will experience a jump in business.

### What You Can Do To Prepare Your Business:

- **Back-up Plans:** Prepare for an increase in customers; have needed supplies on hand and early; consider extending hours of operation to meet customer needs and have back-up plans if staff is delayed due to traffic.
- **Employee Preparedness:** Encourage employees to have a full tank of gas; have their own resources ready at home; day care needs are met, etc. by Thursday, the 17<sup>th</sup>. Gas stations may be very busy or may be waiting on resupply. Make sure your staff can get to work, so give them reminders to plan ahead and share the “Tips for Residents” in this guide.
- **Cash/Financial Transactions:**
  - Be prepared for more cash transactions; consider having extra tills set up to accommodate more cash transactions. You may have larger than normal deposits over the weekend. Check ahead of time if your bank will be open on Monday, the 21<sup>st</sup>.
  - *How does your credit/debit card machine access the internet?* If you use cell service/cell wireless service for your transactions, be prepared with a back-up plan. We anticipate a high demand for cellular service during the impact period, especially Monday, the 21<sup>st</sup>. You may find you are not able to make transactions; have a backup plan to meet your customers’ needs.
- **Communications:** Anticipate possible cellular service disruptions due to the increased demand. Visitors may have urgent requests to use your landline business phone if cell service is limited; decide how you want to handle these requests and make sure employees know what to do. *If it is a 911 emergency and you have a landline...be ready to help!!*
- **Regularly Scheduled Deliveries:** Evaluate when you receive your regular deliveries; deliveries scheduled for Monday, August 21<sup>st</sup> may be significantly delayed due to the overwhelming amount of vehicles trying to come in and leave Lincoln County. Consider rescheduling for Tuesday or order extra the week before.
- **Restrooms:** Be aware many visitors will be camping in authorized and potentially unauthorized locations; expect customers who may be primarily interested in using business restrooms. Public restrooms will be in short supply and port-a-potties in limited locations may be at capacity until service providers can empty them.
- **Weather and Your Business:** If conditions are foggy, visitors with hotel reservations will most likely not change their plans, but the “day trippers” may move further inland; there is no way to predict this, but monitoring the weather the week to 10 days prior to 08/21/17 could be very useful for your business.

## F. Safety – 911, When and How to Call for Emergency Response



Call 911 when life or property is in danger or you could become endangered if the situation continues. An emergency is any situation that requires immediate assistance from police, fire, or ambulance.

	<b>Emergency Call 911 (Dispatch)</b>	<b>Non-Emergency Call Non-Emergency #</b>	<b>Other Agency Resources</b>
<b>Examples</b>	<b>Any immediate danger to life, limb or property</b> <ul style="list-style-type: none"> <li>House or building fires</li> <li>Medical emergencies, i.e., chest pains, trauma injuries</li> <li>Someone is threatening or attacking you</li> <li>Crime in progress</li> <li>Aggressive dog attack</li> <li>You have heard gun shots in your area</li> <li>Vehicle accidents</li> <li>Impaired/unsafe driver</li> </ul>	<b>Non-Emergency Events</b> <p>Concerns or to report:</p> <ul style="list-style-type: none"> <li>Unpermitted neighborhood burning – yard debris, etc.</li> <li>Lost or loose animals in your neighborhood</li> <li>Noise disturbances</li> <li>Vehicle break ins</li> </ul>	<b>No Crime or Emergency Involved</b> <ul style="list-style-type: none"> <li>Non-emergency ambulance transfers</li> <li>Copies of police/fire reports</li> <li>Power outages</li> <li>Driving directions or road closures (tripcheck.com)</li> </ul> <p><i>*See the Lincoln Co. Public Safety Info Sheet for additional contact numbers</i></p>
<b>When calling... from landline or cell phone</b>	<ul style="list-style-type: none"> <li>Speak clearly, be calm – when a caller is upset, it is hard to understand what they are saying or to get vital information quickly</li> <li>State which emergency service is needed and why (e.g. Fire, Police, Ambulance)</li> <li>State your exact <i>physical</i> address (where you are at the time of the emergency)               <ul style="list-style-type: none"> <li><i>Mobile (cell) Phone Calls:</i> If you do not know the exact address look for landmarks, i.e., mile markers, addresses on mailboxes, street signs, highway signs, nearby parks, businesses, etc.</li> </ul> </li> <li>Stay on the line until your Call Taker tells you to disconnect</li> </ul> <p><i>If calling from mobile (cell) phone and you are driving, pull to the side of the road and stop before calling</i></p>		
<b>If you can't speak or hear when calling 911</b>	<ul style="list-style-type: none"> <li>After dialing, leave the phone off the hook and make noise to let the Call Taker (Dispatcher) know you have an emergency</li> <li>Calling from a landline (hard wired phone): Your address will appear on the call taker's screen</li> <li>Calling from a mobile (cell) phone: The Call Taker may get latitude/longitude <i>close</i> to your location</li> <li>Text-to- 911: Give clear identifiers to where you are located and what your emergency is</li> </ul>		
<b>Public Safety Tips...</b>	<ul style="list-style-type: none"> <li>Make sure your address is:               <ul style="list-style-type: none"> <li>Visible on the outside of your house or at roadway, especially at night</li> <li>Posted in your home for guests or babysitters to use if they are calling from a mobile phone</li> </ul> </li> <li>Teach children when to call 911, when not to and their home address; be sure a phone is within reach and they know where to find it</li> <li>Keep mobile phones secure so they don't accidentally call 911; but if that happens do not hang up, stay on the line and explain the situation to the Call Taker</li> </ul>		
<b>Other Information:</b>	<p><b>Disclaimer:</b> This list is not all inclusive and should be seen as only as a representation of call types/circumstances.</p> <p><b>Non-Emergency Dispatch Center Phone Numbers (Lincoln County)</b></p> <ul style="list-style-type: none"> <li>City of Toledo 541-336-5555</li> <li>City of Lincoln City 541-994-3636</li> <li>All other areas of Lincoln County 541-265-4231</li> </ul> <p><b>State Highway Information - ODOT:</b> <a href="http://www.tripcheck.com">www.tripcheck.com</a> or "511" on your mobile or landline phone</p>		

Source: Willamette Valley Communication Center

## G. Safety - Beach and Water Safety

When visiting the scenic Oregon coast and participating in recreational activities, your safety is a priority. Tragic water accidents happen quickly. The most common reason for aquatic mishaps is a lack of safety knowledge. The following beach safety tips, when adhered to, will ensure a great time at the coast!

### Safe Swimming:

- [Don't depend on floating / air-filled toys](#)
- [Don't take chances; swim with a buddy](#)
- [Don't dive in open water, lakes or rivers](#)
- [Learn to swim well and practice floating](#)
- [Obey all signs and buoys](#)

Click here to read "[Drowning Doesn't Look Like Drowning](#)" by [Mario Vittone](#).

**Four Signs of Drowning:** About 60 percent of all drownings are not recognized because people cannot identify the four signs:

- head back (bobs up and down above/below the surface)
- mouth open
- no sound
- arms outstretched, moving simultaneously in an above-the-water, up-and-down stroke that appears as if the victim is slapping or playing in the water

### Coastal Jetty Safety:

- [Your safety, our concern](#)
- [Understanding coastal jetties](#)
- [Hidden dangers](#)
- [Look for dangerous waves / rip currents](#)



### Life Jackets:

Boaters enjoy the feel of sun and spray. So it is tempting to boat without wearing a life jacket, especially on nice days. Modern life jackets are available in a wide variety of shapes, colors, and sizes. Many are thin and flexible. Some are built right into fishing vests or hunting coats. Others are inflatable; as compact as a scarf or fanny pack until they hit water, when they automatically fill with air. There is no excuse not to wear a life jacket on the water!



- [How to Choose the Right Life Jacket Brochure - PDF](#)

### Boating Safety:

You are responsible for any damage that your vessel or your wake causes. Be cautious and aware of your surroundings at all times. Obey all signs and posted restrictions. Irresponsible actions of boat operators usually lead to accidents, so boat responsibly.

- [Boating courses offer valuable training](#)
- [Carbon monoxide poisoning: beware!](#)
- [Don't rock your boat](#)
- [Inspect your equipment](#)
- [Intoxication and water: a deadly mix](#)
- [Properly rescue a person in the water](#)
- [Steer clear of commercial vessels](#)
- [Watch your children](#)



### Beach Safety:

- **Beware the Sneaker Wave:** Sneaker waves appear without warning, often surging high up on the beach with deadly force, and are impossible to predict. ***Never turn your back on the ocean!***
- **Watch those logs:** The ocean is strong enough to pick up even the biggest log and plop it down on top of you. Some logs may look small, but even the tiny ones can be waterlogged and weigh tons. ***If you see a log in the surf or on wet sand, stay off it!***
- **Rip Currents:** Rip currents are strong currents of water that rush out to sea. They are stronger than even the best swimmer. Rip currents may appear as dark, choppy water. Any time you see debris and foam floating out to sea, chances are you have found a rip current. Avoid the area.
  - Parents, keep your kids close when playing in the ocean.
  - If you are caught in a rip current, don't panic; swim parallel to the beach until you are out of the current, then head for the shore.
  - If someone else is having obvious signs of distress, do not go into the water to rescue them; call 911 immediately and be prepared to give them detailed information where you are on the beach.
- **Know the Tides:** Incoming tides isolate rocks from headlands and the shore. Avoid the temptation of strolling out to an interesting rock without knowing when the tide rolls back in.
  - Stay off rocks and small enclosed beaches.
  - Know when to expect the incoming and outgoing tides by visiting the [NOAA Tide Tables for Oregon](#).
- **High Waves Can Reach You:** Tides and waves can sweep over rocks, jetties and headlands, knocking you off and carrying you out to sea.
  - Assume nothing is "high enough" and avoid exposed rocks, jetties and headlands during strong wave action (like during and after storms).
- **Beware of High, Steep Cliffs:** Assume that all cliff edges are unstable. Wet trails or soft sand and earth can make for unstable footing. Rocks can be slippery even when it is not raining.
  - Make sure you wear proper footwear, and stick to the trails. Stay behind guard fences and railings and do not get too close to the edge.
- **Heads up:** Standing at the base of an oceanside cliff can be dangerous, especially if it has an overhang.
  - Beware of falling rocks, and do not climb on bluffs and eroding hillsides. Do not walk along the base of cliffs unless absolutely necessary.
- **Know Where You Entered the Beach:** The beach can be deceiving when you have been walking for a distance. When you enter the beach, look for a specific landmark – many beaches have their entry areas numbered.
- **Distant and Local Tsunamis:** Be sure to know where your evacuation zones are; look your location up in advance, print off your route and bring your map with you [www.oregontsunami.org](http://www.oregontsunami.org).

For more information on Beach Safety with short videos and detailed information go to Oregon State Parks at [https://www.oregon.gov/oprd/PARKS/Pages/beach\\_safety.aspx](https://www.oregon.gov/oprd/PARKS/Pages/beach_safety.aspx)

Source: Oregon Health Authority

US Army Corp of Engineers <http://www.nwp.usace.army.mil/Missions/Recreation/Water-safety/>

US Coast Guard <http://www.uscgboating.org/recreational-boaters/life-jacket-wear-wearing-your-life-jacket.php>

## H. Safety – Earthquakes and Tsunamis on the Coast

A **tsunami** is a series of sea waves, usually caused by a displacement of the ocean floor by an undersea earthquake. As tsunamis enter shallow water near land, they increase in height and can cause great loss of life and property damage. Recent research suggests that tsunamis have struck the Oregon coast on a regular basis. They can occur any time, day or night. Typical wave heights from tsunamis occurring in the Pacific Ocean over the last 500 years have been 20-65 feet at the shoreline. However, because of local conditions, a few waves may have been much higher – as much as 100 feet. We distinguish between a tsunami caused by an undersea earthquake near the Oregon coast (a **local** tsunami) and an undersea earthquake far away from the coast (a **distant** tsunami).



### Earthquake and Tsunami Response:

#### ***If you are NOT in a tsunami zone:***

- **If you are indoors**, drop and take cover under a sturdy table or other furniture. Hold on to it and stay put until the shaking stops.
- **Stay clear of items** that can fall and injure you, such as windows, fireplaces, and heavy furniture.
- **Stay inside.** You may be injured by breaking glass and falling objects if you run outside.
- **If you are driving**, move your car as far out of the normal traffic pattern as possible and stop if it is safe. Stay away from structures or objects that could fall on you, such as bridges, overpasses, light posts, power lines, or trees. Stay inside your car.
- **If you are in the mountains**, or near unstable slopes, be alert for falling rocks, trees, or landslides that could be loosened by the earthquake.

#### ***If you ARE in the tsunami zone:***

- **Know in advance** your evacuation route and how long it will take you to get out of the tsunami zone
- **Drop, cover, hold** until the earthquake is over; protect yourself
- **Move immediately inland** to high ground and away from low-lying coastal areas
- **Follow evacuation route signs**
- **Do not wait** for an official warning
- **Go on foot** if at all possible
- **Do not pack** or delay
- **Do not return** to the beach – large waves may continue to come onshore for several hours
- **Wait** for local emergency notification that it is safe to return to low lying areas

- **Earthquake Info and Tsunami Inundation/Evacuation Maps:** [www.oregontsunami.org](http://www.oregontsunami.org)
- **Address Specific Viewer:** <http://nvs.nanoos.org/TsunamiEvac>
- **Beach Entry Area Signage:** Most areas have or will have soon a signage map indicating the tsunami evacuation route to the nearest tsunami assembly area.
- **Tsunami Assembly Areas:** Depicted on maps by “A”; do not confuse Assembly Areas with evacuation centers, which are short-term help centers set up after a disaster occurs.
- **NOAA Tsunami Warning Center:** <http://www.tsunami.gov/>
- **Tsunami Awareness for Boaters, Fishermen & Mariners:** <http://www.oregongeology.org/tsuclearinghouse/maritime.htm>





## I. Safety – Eye Protection (Eclipse Viewing)

Looking directly at the Sun is unsafe except during the brief total phase of a solar eclipse (“totality”), when the Moon entirely blocks the Sun’s bright face, which will happen only within the narrow path of totality.

### What You Can Do:

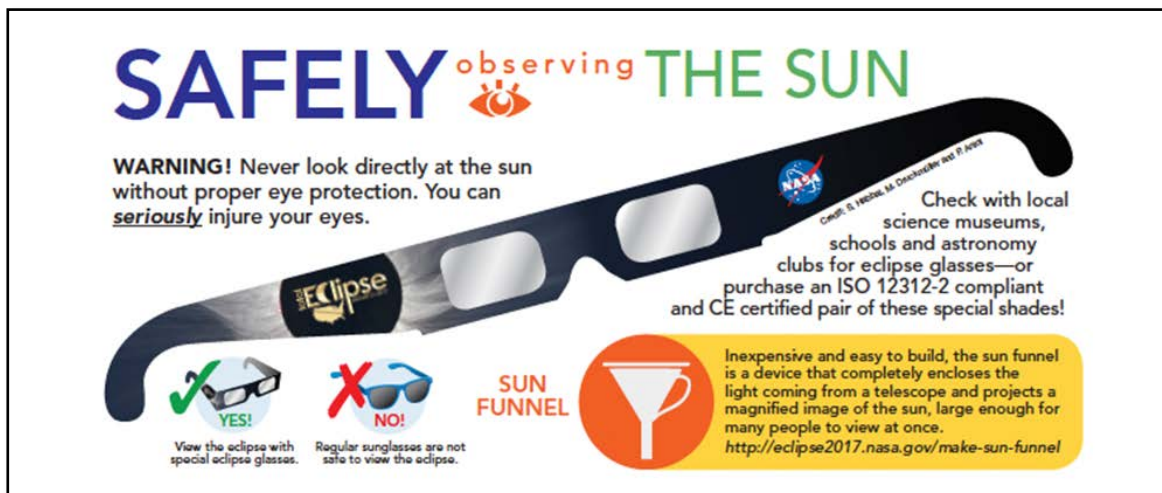
The only safe way to look directly at the uneclipsed or partially eclipsed Sun is through special-purpose solar filters, such as “eclipse glasses” or hand-held solar viewers. Homemade filters or ordinary sunglasses, even very dark ones, are not safe for looking at the Sun. To date four manufacturers have certified that their eclipse glasses and handheld solar viewers meet the ISO 12312-2 international standard for such products.

- Rainbow Symphony
- American Paper Optics,
- Thousand Oaks Optical
- TSE 17.

An alternative method for safe viewing of the partially eclipsed Sun is pinhole projection. For example, cross the outstretched, slightly open fingers of one hand over the outstretched, slightly open fingers of the other. With your back to the Sun, look at your hands’ shadow on the ground. The little spaces between your fingers will project a grid of small images on the ground, showing the Sun as a crescent during the partial phases of the eclipse. (More details: NASA/Safety, <https://eclipse2017.nasa.gov/>)

### Do Not:

- Look at the uneclipsed or partially eclipsed Sun through an unfiltered camera, telescope, binoculars, or other optical device.
- Look at the Sun through a camera, a telescope, binoculars, or any other optical device while using your eclipse glasses or hand-held solar viewer — the concentrated solar rays will damage the filter and enter your eye(s), causing serious injury.
- If you are within the path of totality remove your solar filter only when the Moon completely covers the Sun’s bright face and it suddenly gets quite dark. Experience totality, then, as soon as the bright Sun begins to reappear, replace your solar viewer to glance at the remaining partial phases.



## J. Safety – Fire Prevention

The total solar eclipse will take place at the peak of our local wildfire season; a real threat to homes, businesses and wildlife for Lincoln County. Keep fire safety and prevention as a top priority as you head out to enjoy what Oregon has to offer.

### Wildfire Prevention and Fire Response:

- Know fire risks and respect fire restrictions, such as campfire bans.
- Avoid parking or driving on dry grass as your vehicle can start a wildfire.
- Vehicles are required to have a shovel and fire extinguisher or at least a gallon of water in many areas.
- Do not use candles, fireworks, tiki torches, or other open flames outdoors.
  - Sky lanterns are illegal in Oregon airspace.
- Smoking materials:
  - Dispose of smoking materials in deep, sturdy ashtrays.
  - Make sure butts and ashes are extinguished by using water or sand.
  - Never discard butts on the ground or in vegetation.
  - Identify approved smoking areas in advance of your trip.
- During a wildfire, there are three levels of evacuation:
  - Level 1 – Ready: Pack your valuables.
  - Level 2 – Set: Monitor the news reports.
  - Level 3 – Go: An official notice from the sheriff's office or fire agency to evacuate.

### Campfire Safety:

- Check to ensure if campfires are allowed where you plan to stay.
- Keep a shovel and water nearby to extinguish any escaped embers.
- Select a site away from grasses, shrubs, overhanging branches, and stacked firewood.
- Existing fire pits in established campgrounds are best.
- Scrape away leaves and litter to bare soil, at least 10 feet on all sides of the fire pit.
- Circle your campfire pit with rocks. Keep your campfire small and add wood in small amounts. Start your campfire with paper, cardboard, or manufactured fire starters. Don't use gasoline.
- Never leave the campfire unattended.
- Before going to bed or leaving the campsite, drown the fire with water, stir the coals, and drown again. Repeat until the fire is out and it is cool to the touch.

### Limit Your Exposure To Smoke:

- Pay attention to local air quality reports
- If you are advised to stay indoors, keep indoor air as clean as possible
- Do not add to indoor pollution
- Do not rely on dust masks for protection

Source: Oregon State Fire Marshall's Office <http://www.oregon.gov/osp/sfm/Pages/eclipse.aspx>



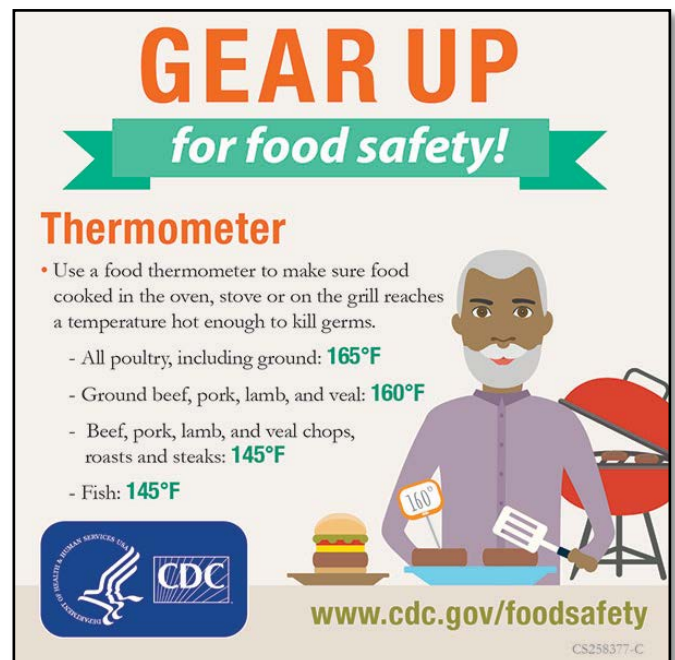
## K. Safety - Food

According to the Centers for Disease Control (CDC), there are 15 pathogens that account for over 95 percent of the illnesses and deaths from foodborne illnesses acquired in the United States.

### Tips To Prevent Illness:

- Pack foods in tight, waterproof bags or containers. Keep them in an insulated cooler.
- Separate raw foods from cooked foods.
- Always wash your hands before and after handling food, and don't use the same platter and utensils for raw and cooked meat and poultry.
- Have thermometers in your refrigerator and freezer. Freezers need to be at or below 0 °F, and the refrigerator is at or below 40 °F.
- Cook foods to proper temperatures.
- If you are not going to consume a perishable product within 2 hours of opening, put it in the cooler to prevent bacteria from growing and making others ill

Source: Centers for Disease and Prevention Food Safety - <https://www.cdc.gov/foodsafety/index.html>



## L. Safety – Heat, Extreme

Heat is the number one weather-related killer in the United States resulting in hundreds of fatalities each year and claiming more lives each year than floods, lightning, tornadoes, and hurricanes combined. The most vulnerable individuals are those who work or exercise outdoors, adults over 65, infants and children under 4, the homeless or poor, and people with a chronic medical condition.

### Reducing Heat-Related Illnesses During Extreme Heat:

- Stay cool, stay hydrated, and stay informed.
- Extremely high temperatures can affect your health, and heat-related illness is preventable.
- Those most at risk for heat-related illness include adults over 65, people who work outdoors, children under 4, and those with chronic illness.
- Drink plenty of fluids regardless of your level of activity even if you are not thirsty. Drink between 2-4 cups per hour while working outside. Avoid sugary, caffeinated, and alcoholic drinks.
- Limit sun exposure from 11 a.m.-5 p.m., and try to schedule outdoor activities in the early morning or later evening.
- Dress yourself and your children in loose, light-weight, light-colored clothing that covers the skin. Wear sunglasses and wide-brimmed hat.
- Apply sunscreen with SPF 15 or more 10 minutes before going out; re-apply every two hours.
- Never leave infants, children, or pets in a parked car.
- Check at least once a day on neighbors, family, and friends over 65 or living with chronic illness.
- Learn the symptoms of heat-related illness, and call 911 when there are signs of heat stroke

Source: Center for Disease Control,  
[www.cdc.gov](http://www.cdc.gov)

**BEAT THE HEAT:**  
**Extreme Heat**  
Heat related deaths are preventable

<b>WHAT:</b> Extreme heat or heat waves occur when the temperature reaches extremely high levels or when the combination of heat and humidity causes the air to become oppressive.	<b>WHO:</b> Children Older adults More males than females are affected Outside workers People with disabilities
<b>WHERE:</b> Houses with little to no AC Construction worksites Cars	<b>HOW to AVOID:</b> Stay hydrated with water, avoid sugary beverages Stay cool in an air conditioned area Wear light-weight, light colored, loose fitting clothes



## M. Safety – Transportation, Travel and Parking

The eclipse event will take place during the height of the county's peak tourism months. While the number of eclipse visitors is hard to approximate, both residents and visitors should expect increased activity on roadways, neighborhoods, public facilities, restaurant parks and beaches. Hotels, vacation rental dwellings, campgrounds and group facilities will all be at peak capacity.

Oregon Department of Transportation is planning ahead to keep Oregon moving, and we encourage you to do the same. An estimated 1 million visitors are coming to Oregon to view this celestial spectacle. That many people—about a quarter of the state's entire population—will have a huge impact on highways, gasoline supplies and other basic needs. What you do to plan ahead will make or break your eclipse-viewing experience.

### What You Can Do:

- **Expect delays.** Traffic backups are inevitable. Preparation ensures a good time for visitors and residents alike.
- **Expect traffic changes.** Normal travel paths may be disrupted. Communities may close streets to through traffic or ban left or right turns to keep traffic moving, especially around venues with many visitors.
- **Be prepared.** If traveling, plan for your basic needs such as food, water, gas for the car and bathroom breaks in case you're stuck in traffic. If friends or family are coming to visit, warn them to #DriveHealthy: Arrive early, stay put during the eclipse, and leave late afterwards, in case everyone else jumps on our highways all at once. Remember, all travelers have a shared responsibility to stay safe.
- **Do what you can to help.** Can you work from home or flex your work schedule when your local roads are full? Avoid roads being used to get people in or out of a local event. Ride your bicycle when possible, to avoid congestion!
- **Look out for each other.** This is a rare opportunity but it brings potential hazards. We all must do our part to be prepared. You may see travelers unfamiliar with the area. Be friendly, helpful and patient!
- **Be mindful of Oregon's "move over" law.** Oregon drivers are required to move to the next lane if approaching an emergency vehicle from the rear. If there is not another lane to go to or if it is not safe to change lanes, motorists must slow down to 5 miles per hour below the speed limit.
- **Motor Vehicle Accidents:** If you have a fender bender, don't call 911 unless there are injuries, dangers or leaking fluid. Then, move your vehicles safely to the side of the road and exchange insurance information.

ODOT: Know Before You Go! [www.tripcheck.com](http://www.tripcheck.com) or "511"

Lincoln County: [www.co.lincoln.or.us/alerts](http://www.co.lincoln.or.us/alerts)



Incident Maps  
Road Cameras  
Road Conditions **TripCheck**

## N. Info – Animal Preparedness



# Pet Safety During the Eclipse

### Keep Pets Secure

Make sure your pets are kept safe inside or in a secure yard. When they are outside, keep them on leash at all times.

### ID Your Pets

Make sure pets have proper fitting collars with current licenses and ID tags. Microchip your pets and keep registration up to date.

### If You Have Lost or Found a Pet

Contact the Lincoln County Animal Shelter at 541-265-6610 and post on [facebook.com/LincolnCountyLostandFoundPets](https://www.facebook.com/LincolnCountyLostandFoundPets).

## O. Info – Garbage, Solid Waste and Sanitation

The community comes together to enjoy events, but in the process a tremendous amount of waste is generated, much of it recyclable. The single most effective tool in reducing waste at special events is planning ahead.

- **Leave No Trace:** When traveling around Oregon, it is important to practice “Leave No Trace” ethics, which includes leaving sites as you found them, disposing of waste responsibly, respecting wildlife and being considerate of other visitors.
- **Avoid Excessive Waste:** Consider packing large water containers and refilling them with tap water.
- **Be Prepared:** Due to the increased number of visitors and anticipated traffic congestions it is a good idea to keep public restroom locations in mind, identify where port-a-potties are stationed, how long it will take you to reach them and/or bring an emergency sanitation kit with you.

**Lincoln County Solid Waste:** <http://www.co.lincoln.or.us/solidwaste/page/links-solid-waste-information>

**Lincoln County Recycling and Waste Hauler Information:**

<http://www.co.lincoln.or.us/solidwaste/page/recycling-and-garbage-hauler-information>





## P. Info – Medical Services and First Aid

### First Aid:

Knowing how to treat minor injuries can make a difference in an emergency or helping yourself, family or friends. You may consider taking a first aid class, but simply having the following things can help you stop bleeding, prevent infection and assist in decontamination. Having a basic first aid kit that includes some of the following items will better prepare you to help yourself or others if they are hurt.

- At least two pairs of patient care gloves (latex or sterile gloves)
- Sterile dressings to stop bleeding
- Cleansing agent/soap
- Antibiotic towelettes
- Antibiotic ointment
- Burn ointment
- Adhesive bandages in a variety of sizes
- Thermometer
- Scissors
- Tweezers
- Eye wash solution to flush the eyes or as general decontaminant
- Tube of petroleum jelly or other lubricant
- Prescription medications you take every day such as insulin, heart medicine and asthma inhalers.
- Prescribed medical supplies such as glucose and blood pressure monitoring equipment and supplies
- Non-prescription drugs - aspirin or non-aspirin pain reliever, anti-diarrhea medication, antacid, and/or laxatives



Source: [www.ready.gov](http://www.ready.gov)

### Medical Services in Lincoln County:

#### Hospitals: <https://www.samhealth.org/>

- Samaritan Pacific Communities Hospital – Newport  
930 SW Abbey, Newport, OR 97365, (541) 265-2244
- Samaritan North Lincoln Hospital – Lincoln City  
3043 NE 28th Street, Lincoln City, OR 97367, (541) 994-3661

#### Urgent Care/Walk-in Care Clinics:

- Depoe Bay: [Samaritan Depoe Bay Clinic](#)  
531 N Highway 101, Suite A, Depoe Bay, OR 97341, (541) 765-3265
- Newport: [Samaritan Walk-In Clinic](#)  
930 SW Abbey Street, Suite F, Newport, OR 97365, (541) 574-4860
- Lincoln City:
  - [Samaritan Coastal Clinic](#), 825 NW Highway 101, Suite A, Lincoln City, OR 97367, (541) 996-7480
  - [Bayshore Family Medicine](#), 1105 SE Jetty Ave, Lincoln City, OR 97367, (541) 614-0482



## Q. Info - Public Health

Reduce your chances of illness by following these prevention guidelines from the Oregon Health Authority.

### Water-Related Illness:

- Practice good hand hygiene by washing your hands after using the toilet or changing diapers
- Do not go in the water when ill (or recently ill) with diarrheal illness
- Shower with soap before and after you enter recreational waters
- Do not swallow the water
- Take bathroom breaks at least every 60 minutes

**Foodborne Illness:** Follow the guidelines in the food safety section to prevent foodborne illnesses

### Airborne Illness:

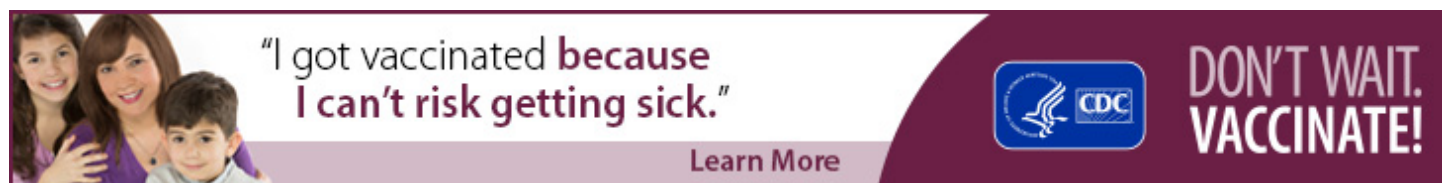
- Cover your cough with your elbow (not your hands)
- Wash your hands after coughing
- If you are sick, stay home. If you must go out, wear a mask



### Get Vaccinated:

There will be visitors here from all over the world. Many areas of the world still have a higher incidence of Measles, Mumps, and Pertussis. Get your vaccines now – it can take 4-6 weeks for vaccines to take effect.

Source: Lincoln County Health and Human Services, <http://www.co.lincoln.or.us/hhs>



## R. Info - Rules and Etiquette

With so many people gathering to witness this event, here are some tips to make sure the eclipse event is fun and safe for everyone.

### **Local Laws and Ordinances:**

- Please be aware of, and follow local ordinances, permitting regulations, and State Laws. County ordinances are located at <http://www.co.lincoln.or.us/countycounsel/page/lincoln-county-code> See city websites for their ordinances.
- Lincoln County Code 2.2000 through 2.2045 details the [Lincoln County Noise Control Ordinance](#) which is applicable in the unincorporated areas of Lincoln County. In general the county's ordinance may prohibit under certain circumstances any noise which unreasonably annoys, disturbs, injures or endangers the comfort, repose, health, peace or safety of any person of normal sensitivity.
- Do not drive under the influence of intoxicants in Lincoln County; your vehicle may be subject to seizure & possible forfeiture per countywide ordinances.

### **Trespassing:**

- Do not trespass on private land.
- Do not trespass on public lands that are closed to the event. Sensitive habitat areas and other public locations that could be damaged by visitors will be closed.

### **Alcohol, Tobacco and Marijuana Use:**

- Do not drive under the influence of alcohol or marijuana.
- Smoking and vaping are not allowed on any Lincoln County property, and in restricted areas at county parks. Smoke only in approved locations and properly dispose of cigarettes and matches.
- Although recreational use of marijuana is legal in Oregon, using marijuana in public is prohibited.
- Citizens and visitors are encouraged to research local ordinances pertaining to open alcohol container laws where they are recreating.

### **Parking and Transportation:**

- Parking will be very limited; determine if there is public transportation where you plan to visit or be ready for long walks to where you are headed.
- When parking, do so legally. Do not park in bike lanes, do not block driveways, roadways or beach access points; doing so could hamper public safety from reaching those who need help.

### **Other:**

- Do not litter. This includes leaving trash or debris on either public or private property as well as throwing any garbage from a vehicle. Offensive littering is a Class C misdemeanor.
- Dogs in Lincoln County must be licensed and vaccinated for rabies. Do not leave an animal locked in a car. In most cases, dogs will need to be restrained with a leash. Report any animal bite immediately!
- Do not ask to look through someone's telescope. If you want to look through a specially-equipped telescope, consider arranging this in advance; those who have set up their telescopes will be very focused and may not wish to share their telescopes with others.
- Avoid external lighting, flashlights, camera flashes, sparklers or other fireworks; any light that would detract from the phenomena.

## S. Quick Reference – Emergency Notification System - Lincoln Alerts



# LINCOLN ALERTS

Emergency Notifications & Community Information

**SIGN UP** at [www.co.lincoln.or.us/alerts](http://www.co.lincoln.or.us/alerts)

### BE IN THE KNOW...

*We can't alert you if we can't reach you!*

Community members and visitors can **CHOOSE UP TO 3** ways to receive emergency notifications and community information from Public Safety, City, Tribal, and County Officials for Lincoln County, Oregon.

### HOW DO I SIGN UP FOR EMERGENCY NOTIFICATIONS?

**1** Residential and business landline numbers are automatically included in the emergency contact list and do not require any action. **2** Address specific numbers such as mobile numbers, mobile texts, e-mail, and fax numbers are not included in the emergency contact list and require a manual sign-up.

### HOW DO I SIGN UP FOR COMMUNITY INFORMATION?



#### To Receive Community Information

DEPOEBAY	SILETZTRIBE
LINCOLNCITY	TOLEDO
NEWPORT	WALDPORT
SILETZCITY	YACHATS

#### To Receive Lincoln County Information

LINC4ALERTS	LINC4RIVERS
LINC4COUNTY	LINC4ROADS
LINC4ECLIPSE	LINC4TRANSIT



Visit [co.lincoln.or.us/alerts](http://co.lincoln.or.us/alerts) to connect up to 10 numbers to receive emergency notifications and community information. You will be required to create a log-in username and password to access your personal profile and select the information you wish to receive.

For questions or more information, contact us at **(541) 265-4199** or email [vdemaris@co.lincoln.or.us](mailto:vdemaris@co.lincoln.or.us).

### ROAD & WEATHER INFO



[oregontsunami.org](http://oregontsunami.org) - tsunami evacuation maps and routes.



[tripcheck.com](http://tripcheck.com) - roadside images, traffic congestion, incidents, and weather conditions for state and federal roads.



[fema.gov/mobile-app](http://fema.gov/mobile-app) - download the FEMA app for safety tips, shelters, and weather information. Available at the Apple App Store and Google Play.



[weather.gov](http://weather.gov) - weather, river, tidal information, warnings, advisories, and watches.



**NOAA Weather Radio** - Newport frequency 162.550Mhz. For surrounding Lincoln County area.



#### Lincoln County Sheriff's Office


Emergency Management  
225 W. Olive St.  
Newport, Oregon 97365  
[vdemaris@co.lincoln.or.us](mailto:vdemaris@co.lincoln.or.us)  
(541) 265-4199  
[www.co.lincoln.or.us/sheriff](http://www.co.lincoln.or.us/sheriff)



## T. Quick Reference – Community Information and Links

Website Links	
<ul style="list-style-type: none"> <li>NOAA Tsunami Warning Center: <a href="http://www.tsunami.gov/">http://www.tsunami.gov/</a></li> <li>NWS Current Conditions – Portland: <a href="http://www.wrh.noaa.gov/pqr/">http://www.wrh.noaa.gov/pqr/</a></li> <li>NWS Current Conditions – Mobile version: <a href="http://mobile.weather.gov">mobile.weather.gov</a></li> <li>ODOT: <a href="http://www.tripcheck.com">www.tripcheck.com</a></li> <li>Ready.Gov: <a href="http://www.ready.gov">www.ready.gov</a></li> <li>Tidal Information: <a href="http://www.wrh.noaa.gov/pqr/tides.php">http://www.wrh.noaa.gov/pqr/tides.php</a></li> </ul>	
Mobile Phone Quick Dial ##'s/Mobile Apps	
<ul style="list-style-type: none"> <li>511 – Know before you go, State/Federal road conditions</li> <li>911 – Emergency Help</li> <li>211 – Community Resources</li> <li>FEMA Preparedness (includes NWS weather alerts): <a href="http://www.fema.gov/mobile-app">http://www.fema.gov/mobile-app</a></li> <li>NWS Mobile: <a href="http://mobile.weather.gov">mobile.weather.gov</a></li> </ul>	
Public Messaging and Notifications	
<p>Lincoln County has many ways to communicate information to the public before, during and after the eclipse event; consider saving this websites, signing up or tuning in when you need info regarding the eclipse.</p> <p><b>LINCOLN ALERTS - Emergency Notifications and Community Information:</b> Anyone can sign up to receive community information via text from City, Tribal and County Officials by texting any or all of the keywords below and/or your zip code to 888-777. <b>Lincoln County Alerts: Sign up today.</b></p> <ul style="list-style-type: none"> <li><b>LINC4ALERTS</b> Information that may affect several or all areas of Lincoln County</li> <li><b>LINC4COUNTY</b> Specific to County operations or scheduled County events</li> <li><b>LINC4ECLIPSE</b> <b>Specific to August 21, 2017 total solar eclipse event</b></li> <li><b>LINC4ROADS</b> Specific to County Public Works - Roadways</li> </ul>	
<p><b>Media Releases:</b></p> <ul style="list-style-type: none"> <li>Posted via FlashAlert, <a href="https://www.flashalert.net/id/LCSO">https://www.flashalert.net/id/LCSO</a></li> <li>Posted Lincoln Co Website – What’s new, <a href="http://www.co.lincoln.or.us/emergencymanagement">http://www.co.lincoln.or.us/emergencymanagement</a></li> </ul>	<p><b>Social Media:</b></p> <ul style="list-style-type: none"> <li><a href="#">Health &amp; Human Services - Twitter</a></li> <li><a href="#">Health &amp; Human Services - Facebook</a></li> <li><a href="#">Sheriff - Twitter</a></li> <li><a href="#">Sheriff - Facebook</a></li> </ul>
<p><b>Local Radio and News Media:</b> Residents and visitors can refer to both online and print media for special sections, inserts and news related to the eclipse.</p>	
<p><b>Print and Digital Media:</b></p> <ul style="list-style-type: none"> <li><a href="#">Oregon Coast Today</a></li> <li><a href="#">The News Guard</a></li> <li><a href="#">Newport News Times</a></li> <li><a href="#">News Lincoln County</a></li> <li><a href="#">Oregon Coast Daily News</a></li> </ul>	<p><b>Local Radio:</b></p> <ul style="list-style-type: none"> <li><a href="#">Yaquina Bay Communications</a> (KNPT-AM 1310 AM, Newport. KYTE-FM 102.7 FM, Newport. U92-FM 92.7 FM Newport. KBCH-AM 1400 AM, Lincoln City. KCRF-FM 96.7 FM, Lincoln City. KWDP-AM 820 AM, Waldport)</li> <li><a href="#">Boss Radio</a> (100.7 FM)</li> <li><a href="#">The Wave</a> (93.7 FM)</li> <li><a href="#">KYAQ</a> (91.7 FM)</li> </ul>

## U. Quick Reference – Non Emergency Public Safety Contacts

Emergencies 9-1-1		Call Before You Dig 8-1-1		Know Before You Go 5-1-1	
911 Dispatch Centers	Dispatch <ul style="list-style-type: none"> <li>▪ (541) 265-4231</li> <li>▪ <a href="http://www.cityofsalem.net">www.cityofsalem.net</a></li> </ul> City of Lincoln City Dispatch <ul style="list-style-type: none"> <li>▪ (541) 994-3636</li> <li>▪ <a href="http://www.lincolncity.org">www.lincolncity.org</a></li> </ul> City of Toledo Dispatch <ul style="list-style-type: none"> <li>▪ (541) 336-5555</li> <li>▪ <a href="http://www.cityoftoledo.org">www.cityoftoledo.org</a></li> </ul>	Weather, Tides, Rivers, Marine, Beaches	NWS (National Weather Service) <ul style="list-style-type: none"> <li>▪ <a href="http://www.weather.gov">www.weather.gov</a></li> </ul> NWS, Local Tide Predictions <ul style="list-style-type: none"> <li>▪ <a href="http://www.wrh.noaa.gov/pgr/tides.php">www.wrh.noaa.gov/pgr/tides.php</a></li> </ul> Oregon State Parks <ul style="list-style-type: none"> <li>▪ <a href="http://oregonstateparks.org/">http://oregonstateparks.org/</a></li> </ul> US Coast Guard Yaquina Bay Station (Newport) <ul style="list-style-type: none"> <li>▪ (541) 265-5381</li> </ul> US Coast Guard Depoe Bay Station <ul style="list-style-type: none"> <li>▪ (541) 765-2124</li> </ul>	Transportation, Hazardous Materials & Utilities	Oregon Dept. of Transportation (ODOT) <ul style="list-style-type: none"> <li>▪ 5-1-1</li> <li>▪ <a href="http://www.tripcheck.org">www.tripcheck.org</a></li> </ul> Oregon Utility Notification Center <ul style="list-style-type: none"> <li>▪ 811 or 1-800-332-2344</li> <li>▪ <a href="http://www.digsafelyoregon.com/">www.digsafelyoregon.com/</a></li> </ul> Natural Gas Safety <ul style="list-style-type: none"> <li>▪ <a href="http://www.nwnatural.com">www.nwnatural.com</a></li> </ul> Hazardous Material Spill – Oregon Emergency Response System (OERS) <ul style="list-style-type: none"> <li>▪ 1-800-452-0311</li> </ul> Shelter in Place – Hazardous Materials <ul style="list-style-type: none"> <li>▪ <a href="http://emergency.cdc.gov/preparedness/shelter/">emergency.cdc.gov/preparedness/shelter/</a></li> <li>▪ <a href="http://www.ready.gov">www.ready.gov</a></li> </ul>
	Lincoln City Police Department <ul style="list-style-type: none"> <li>▪ (541) 994-3636</li> <li>▪ <a href="http://www.lincolncity.org">www.lincolncity.org</a></li> </ul> Lincoln County Sheriff's Office <ul style="list-style-type: none"> <li>▪ (541) 265-4277</li> <li>▪ <a href="http://www.lincolncountysheriff.net">www.lincolncountysheriff.net</a></li> </ul> Newport Police Department <ul style="list-style-type: none"> <li>▪ (541) 574-3348</li> <li>▪ <a href="http://www.newportpolice.net">www.newportpolice.net</a></li> </ul> Oregon State Police <ul style="list-style-type: none"> <li>▪ (541) 265-5353</li> <li>▪ <a href="http://www.oregon.gov/OSP">www.oregon.gov/OSP</a></li> </ul> Toledo Police Department <ul style="list-style-type: none"> <li>▪ (541) 336-5555</li> <li>▪ <a href="http://www.cityoftoledo.org">www.cityoftoledo.org</a></li> </ul>		Lincoln County School District <ul style="list-style-type: none"> <li>▪ District Office (541) 265-9211</li> <li>▪ <a href="http://www.lincoln.k12.or.us/">www.lincoln.k12.or.us/</a></li> <li>▪ 24hr Emergency Info Line (541) 265-4437</li> </ul> Oregon Coast Community College <ul style="list-style-type: none"> <li>▪ <a href="http://www.oregoncoastcc.org/">www.oregoncoastcc.org/</a></li> </ul> Business Preparedness <ul style="list-style-type: none"> <li>▪ <a href="http://www.ready.gov">www.ready.gov</a></li> </ul>		Auxiliary Comm. Service (Amateur Radio) <ul style="list-style-type: none"> <li>▪ (541) 265-4199</li> </ul> American Red Cross <ul style="list-style-type: none"> <li>▪ (800) 991-9515 general information</li> <li>▪ (888) 680-1455 24hr. disaster assist.</li> <li>▪ <a href="http://www.redcross.org/cascades">www.redcross.org/cascades</a></li> </ul> Ready America, <a href="http://www.ready.gov">www.ready.gov</a> <ul style="list-style-type: none"> <li>▪ Earthquake</li> <li>▪ Fire Safety</li> <li>▪ Flood Safety</li> <li>▪ Readiness Kits</li> <li>▪ Tsunami</li> <li>▪ Winter Weather</li> </ul> Community Emergency Response Teams <a href="http://www.co.lincoln.or.us/emergencymanagement">www.co.lincoln.or.us/emergencymanagement</a>
	Central Oregon Coast Fire and Rescue District <ul style="list-style-type: none"> <li>▪ (541) 563-3121, <a href="http://www.centralcoastfire.net">www.centralcoastfire.net</a></li> </ul> Depoe Bay Fire District <ul style="list-style-type: none"> <li>▪ (541) 764-2202, <a href="http://www.depoebayfire.com">www.depoebayfire.com</a></li> </ul> Newport Fire Department <ul style="list-style-type: none"> <li>▪ (541) 265-9461, <a href="http://www.newportoregon.gov">www.newportoregon.gov</a></li> </ul> North Lincoln Fire and Rescue District #1 <ul style="list-style-type: none"> <li>▪ (541) 996-2233, <a href="http://www.nlfr.org">www.nlfr.org</a></li> </ul> Oregon Department of Forestry – Toledo Unit <ul style="list-style-type: none"> <li>▪ (541) 336-2273, <a href="http://www.oregon.gov/ODF/">www.oregon.gov/ODF/</a></li> </ul> Pacific West Ambulance <ul style="list-style-type: none"> <li>▪ (541) 994-6690, <a href="http://www.pacificwest.us.com">www.pacificwest.us.com</a></li> </ul> Seal Rock Rural Fire Protection District <ul style="list-style-type: none"> <li>▪ (541) 563-4441, <a href="http://www.sealrockfire.com">www.sealrockfire.com</a></li> </ul> Siletz Valley Rural Fire protection District <ul style="list-style-type: none"> <li>▪ (541) 444-2043, <a href="http://www.siletzvalleyfire.com">www.siletzvalleyfire.com</a></li> </ul> Toledo Fire Department <ul style="list-style-type: none"> <li>▪ (541) 336-3311, <a href="http://www.cityoftoledo.org">www.cityoftoledo.org</a></li> </ul> Yachats Rural Fire Protection District <ul style="list-style-type: none"> <li>▪ (541) 547-3266, <a href="mailto:yrfpd@peak.org">yrfpd@peak.org</a></li> </ul>		Lincoln County Health and Human Services <ul style="list-style-type: none"> <li>▪ Public Health Div. (541) 265-4112</li> <li>▪ Behavioral Health Div. (541) 265-4179</li> </ul> OHA (Oregon Health Authority) <ul style="list-style-type: none"> <li>▪ 24hr Disease Reporting (971) 673-1111</li> <li>▪ Security, Preparedness &amp; Response Program (971) 673-1315</li> <li>▪ <a href="http://public.health.oregon.gov/Preparedness/Pages/index.aspx">public.health.oregon.gov/Preparedness/Pages/index.aspx</a></li> </ul> Oregon Poison Control Center <ul style="list-style-type: none"> <li>▪ 1-800-222-1222</li> </ul> Samaritan North Lincoln Hospital <ul style="list-style-type: none"> <li>▪ (541) 994-3661, <a href="http://www.samhealth.org">www.samhealth.org</a></li> </ul> Samaritan Pacific Communities Hospital <ul style="list-style-type: none"> <li>▪ (541) 265-2244, <a href="http://www.samhealth.org">www.samhealth.org</a></li> </ul>		Lincoln County Sheriff's Office <b>Emergency Management</b> 225 West Olive Street, Suite 103 Newport, OR 97365 (541) 265-4199 <a href="http://www.co.lincoln.or.us/sheriff">www.co.lincoln.or.us/sheriff</a>
Fire & EMS Service (non-emergency)		Public Health and Medical	Lincoln County Sheriff's Office - Animal Shelter <ul style="list-style-type: none"> <li>▪ Animal Shelter, (541) 265-6610 x 6</li> <li>▪ <a href="http://www.co.lincoln.or.us/animalsshelter">www.co.lincoln.or.us/animalsshelter</a></li> </ul> Lincoln County Sheriff's Office - Animal Services <ul style="list-style-type: none"> <li>▪ Report Abuse/Neglect, (541) 265-4231</li> <li>▪ <a href="http://www.co.lincoln.or.us/sheriff/page/animal-services-and-protection">www.co.lincoln.or.us/sheriff/page/animal-services-and-protection</a></li> </ul> Pet & Animal Preparedness <ul style="list-style-type: none"> <li>▪ <a href="http://www.ready.gov">www.ready.gov</a></li> </ul>	Emergency Management & Preparedness	

2017 Lincoln County, Oregon, Public Safety Information Guide, Revised: 06/15/17

## PROJECT STATUS UPDATE

Date: July 6, 2017

To: Cynda Bruce (Lincoln County Transportation Service District)

From: Susie Wright, PE, and Zachary Horowitz

Project: LCTSD Transit Development Plan

Subject: Project Status Update

Project #: 19682

## PROJECT OVERVIEW

Lincoln County Transit provides both fixed-route and demand response service throughout the County, including Lincoln City, Depoe Bay, Newport, Siletz, Toledo, Waldport, and Yachats.

The purpose of the LCTSD TDP Update is to develop a program of service improvement alternatives with a series of options to pursue over the 20-year horizon of the plan. The plan will include but is not limited to guidance to implement service modifications and guidance as to when to add bus stops, park-and-ride, or park-and-pool locations within the LCTSD service area.

### NEXT STEPS>>

- *Present Alternatives Analysis to Transit Advisory Committee (TAC) on 7/27/17*

### VIEW DRAFT DELIVERABLES>>

- <http://sites.kittelison.com/LCTSDTDP>

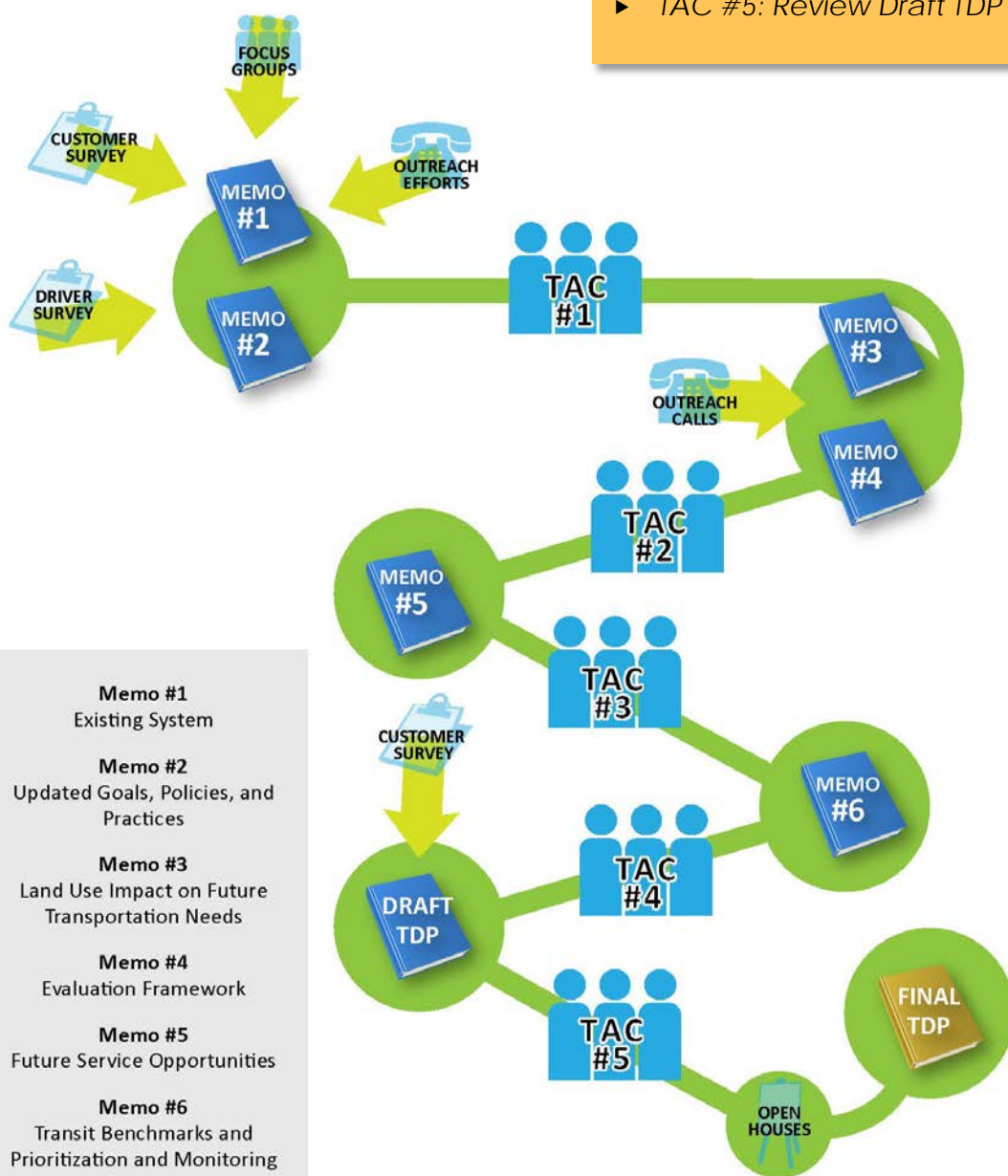
## PROJECT DELIVERABLES AND SCHEDULE

The project process includes producing a series of technical memorandums, which set the foundation for the draft TDP. The initial technical memorandums provide the building blocks for the project covering topics such as existing performance measures and existing conditions. The technical documents and analysis eventually evaluate and document future conditions in order to develop alternatives to serve future population and employment. The Project Management Team (PMT) will guide the preparation of these technical memorandums in coordination with the Transit Advisory Committee (TAC) and the community through public outreach. These interactions will help guide the development of the plan as well as build consensus and support. The general chronology of activities is summarized below.

Summaries of the two TAC meetings that have occurred to date are attached.

Copies of Memorandums #1 – 4 that summarize existing conditions, policies, needs, and the evaluation framework for the alternatives analysis are included on the project website.

**Exhibit 1: Project Flow**



## MEETING DATES>>

- ▶ TAC #1: Project Overview; Review Memo #1 & #2 [March 23, 2017]
- ▶ TAC #2: Future Needs; Review Memo #3 & #4 [May 18, 2017]
- ▶ TAC #3: Future Service Opportunities; Review Memo #5 [July 27, 2017]
- ▶ TAC #4: Transit Benchmarks & Prioritization; Review Updated Memo #4 & Memo #6 [September 2017]
- ▶ TAC #5: Review Draft TDP [November 2017]



Items discussed with the TAC to date include:

- Project Goals
- Transit Needs
- Existing plans impacting transit or transit riders
- Community desires
- Evaluation criteria
- LCTSD Goals
- Performance Measures

Exhibit 2: Example LCTSD Bus Stops



Source: Kittelson & Associates, Inc., 2016.

## LCTSD GOALS >>

- ▶ **Goal 1)** Encourage multimodal approach to transportation development
- ▶ **Goal 2)** Coordinate transportation throughout the county
- ▶ **Goal 3)** Operate a safe and efficient system
- ▶ **Goal 4)** Provide excellent customer service
- ▶ **Goal 5)** Secure stable financial support

## EVALUATION CRITERIA>>

- ▶ **Travel Time** - Will the alternative reduce travel time between key destinations?
- ▶ **Cost** – How much will it cost and will it improve efficiency?
- ▶ **Ridership and Service Area** – How many potential new riders will be served?
- ▶ **Reliability** – Will reliability for riders be improved?
- ▶ **Impact to Rider** – What is the overall impact to the rider (cost, time, safety, comfort, convenience)?
- ▶ **Economic Benefit to the Community** – Is the alternative likely to have economic benefits for the community?



## APPENDIX A TAC MEETING SUMMARIES

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# TAC Meeting #1 Minutes

## LCTSD Transit Development Plan

Thursday, March 23, 2017, 2:00 – 4:00 p.m.

Lincoln County Planning Department Conference Room  
210 SW 2nd Street, Newport, OR 97365

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### I. Attendees

- |  |  |
|--|--|
| 1. George Koehler, City of Waldport                | 10. Julio Jimenez, Newport Rep.                    |
| 2. Ruby Moon, Confederated Tribe of Siletz Indians | 11. Michael Morgan, Lincoln County School District |
| 3. Arla Miller, ODOT                               | 12. Barbara Frye, City of Yachats                  |
| 4. Naomi Zwerdling, ODOT                           | 13. Debbie Callender, City of Depoe Bay            |
| 5. Lee Lazaro, City of Corvallis                   | 14. Derrick Tokos, City of Newport                 |
| 6. Cynda Bruce, LCTSD                              | 15. Linda Neigebauer                               |
| 7. Jim Owens, COG                                  | 16. Patti Ferry, Newport Chamber of Commerce       |
| 8. Pam Lind, Confederated Tribe of Siletz Indians  | 17. Susie Wright, KAI                              |
| 9. Riley Hoagland, Lincoln City                    | 18. Anais Malinge, KAI (by phone)                  |

### II. Draft Memo #1

- Many people living in the valley use services to get to their coast housing
- Lincoln City population seems low relative to Newport.
- What is the proportion of riders on the loop service riding for tourism?
- Ridge Apartments is located in Lincoln City
- Airport shuttle interline, need shuttle to Eugene Airport
- Think about cost-benefit and needs
  - Frequency
  - Connections – community transit service
  - Better terminals – make is easy to ride transit
- Focus on service to affordable housing
- 20% of students are homeless – buses go to shelters including Toledo, Lincoln City, Otis
  - State Parks house homeless during the winter
- People get stuck in Yachats because they don't know it's the end of the line (bus stays overnight)
- Consider access/needs for bike tourism
- South County needs connection to Eugene Airport rather than Portland Airport
- More frequency is biggest issue
- Hotel buses to beach?
- Homeless in bus shelters is a problem, particularly at the Starbucks and Market

- 
- Perhaps install no loitering signs in bus shelters
    - Have to consider homeless “Right to Rest”
    - Cynda needs partnerships with Cities and communities to maintain shelters
  - Tourist needs should be a focus
  - Fishery employees – does service accommodate their needs?
  - Language barrier for LCTSD brochures and schedules
  - Need Eugene Airport access (transit hub) through Florence
  - Need better access to the food bank and should consider needs (carry large quantities of food)
  - LCTSD is trying to get critical service out of the tsunami zone (going up on the hill)
  - LCTSD will need schedule changes to accommodate essential destinations on hill
  - In Siletz, service needs a loop to get people to the bus stop (people live up and down the river)
  - Connections needed up the hills between Waldport and Yachats
  - Improvements need to be tailored towards workers and low income – there are 80 kids in the Yachats after school program
    - Can service be provided only few times a week or per month? Scheduled?
    - Carpool coordination between employers
  - Need access to housing in valley, including Salem and Corvallis
  - Social activity is important and should be considered, perhaps introduce special entertainment service
  - Driver customer service should be improved
  - Females and minors do not always feel safe riding the bus
  - Introduce mobile application for info and ticketing
  - Existing service does not serve the following corridors: Hwy 34 and Waldport to Alsea
  - Transit improvements should focus on:
    - Tourism
    - Work trips
    - Being nimble/flexible
    - Bus pass to employees as benefit
    - Basic system/structure and marketing to serve whole tax base
    - Safety and promoting good safety record
    - Infrequent service to special places
    - Cost benefit and frequency
    - 7 days/week everywhere, later service
    - Dependable system
    - Rural opportunities
    - Customer service
    - Safety
    - Partnership building

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# TAC Meeting #2 Meeting Notes

## LCTSD Transit Development Plan

Thursday, May 18, 2017, 2:00 – 4:00 p.m.

City of Newport Council Chambers  
169 SW Coast Highway, Newport, OR 97365

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### Attendees

- |  |  |
|--|--|
| 1. George Koehler, City of Waldport    | 10. Linda Neigebauer                         |
| 2. Arla Miller, ODOT                   | 11. Patti Ferry, Newport Chamber of Commerce |
| 3. Naomi Zwerdling, ODOT               | 12. Patty #2                                 |
| 4. Lee Lazaro, City of Corvallis       | 13. Dietmar                                  |
| 5. Cynda Bruce, LCTSD                  | 14. Julie                                    |
| 6. Jim Owens, COG                      | 15. Susie Wright, KAI                        |
| 7. Riley Hoagland, Lincoln City        | 16. Zachary Horowitz, KAI                    |
| 8. Debbie Callender, City of Depoe Bay |  |
| 9. Derrick Tokos, City of Newport      |  |

### Draft Memo #3

Primary question to discuss with the TAC regarding memo #3 is: Are there any transit needs not identified that we should consider when developing service alternatives?

#### Discussion:

- The presentation of the material discussed the following:
  - Existing population and land uses and their relation to existing transit service, as well as currently unserved demand
  - The effect of future demographic and land use changes on future transit demand and service – how best to close the forecast mobility gap and plan for the future
- What is Memo #3 missing in terms of transit needs and opportunities?
- Affordable housing shortage in Lincoln City – currently 1/3 of homes are vacant (second homes, primarily), 1/3 are vacation rentals, and 1/3 are occupied full-time (owned or rented). Many that need transit do not live in Lincoln City. There is also a shortage of low-income housing in Newport.
- Consider the opportunities that providing bus shelters (or other infrastructure) or increasing the perception (marketing) that using transit is a safe choice on ridership
- Beginning July 1, 2017, Oregon State students will begin traveling to/from the main Corvallis campus and the Hatfield Research Center in Newport
- Specific needs and types of improvements discussed include:
  - A need to increase the tax base (either raise the existing millage rate or other means)

- Current revenues are generally used as the “local match” for state and federal funds
- Increase stops and service for workers in the retail and hospitality industries
- Setting realistic expectations for what level of service can be provided given all factors
- Improve infrastructure around existing bus stops
- Dial-A-Ride service in Waldport, Yachats, Toledo, and Siletz. Increase DAR frequency overall.
- Improve frequency
- Focus service improvements in denser areas
- Veterans living at Dorchester House have a difficult time walking to the bus stop.
  - Need more local transportation to medical appointments
  - Need to identify other sources of resources for veterans
- Improve technology options and develop a mobile transit app
- Access to employment opportunities outside of regular business hours
  - E.g. Siletz bus to Chinook Winds is an example of this
  - What other opportunities for public-private partnerships are there?
  - Specialized employment shuttles
  - Flexible schedules
  - What are existing service models that could be replicated for use in Lincoln County?
- Income-based monthly passes
- Day-pass
- Increase advertising
- Solar-panel chargers
- Improve perception that the system is “safe”

#### **Draft Memo #4**

Primary questions to discuss with the TAC regarding memo #4 are:

- Are there additional evaluation criteria that should be considered when evaluating future service alternatives (page 2)?
- Do you recommend any modifications to LCTSDs goals (page 4)?
- Which performance measures in Table 3 do you find most valuable for tracking performance over time?

Discussion:

- Are there opportunities to capture more grant funds (STF, federal) than LCTSD is collecting now?
- Comments on performance measure criteria
  - Understanding the impact to riders is crucial to determining whether a proposed improvement is “good” or “bad”
  - Determine the “right” balance of service given the availability of tax money
  - Connection time

- 
- Equity
  - Financial sustainability of service
  - Balance the opportunity to have volunteer drivers working alongside existing unionized drivers
  - Vanpools
  - Accommodation for service workers living in the County
  - Community economic benefit
    - This performance measure was supported by many on the TAC
    - How to quantify is an important question
    - Consideration of secondary or tertiary economic effects
  - How to prepare public agencies to support transit service growth
  - Housing needs are important considerations
  - Outreach to businesses to support transit service



# Oregon

Kate Brown, Governor

## Department of Transportation

ODOT Headquarters

Planning, Implementation and Analysis Unit

555 13<sup>th</sup> Street

Salem, OR 97301

Phone: (503) 986-3425

Date: August 2, 2017

To: Cascades West Area Commission on Transportation (CWACT)

From: Geoff Crook, ODOT Sustainability Program

Subject: Information regarding a Coastal Highway Resilience Study - (underway)

### Overview

The Oregon Department of Transportation (ODOT) is studying how nature-based or “green infrastructure” can help protect US 101 from the impacts of extreme storms and coastal bluff erosion. The outcomes of the study will include a set of preferred alternatives, conceptual plans, and cost estimates for three high risk sites. We are collaborating with our agency partners to document the options available to implement these types of solutions under current rules and regulations.

The project is being co-led by the ODOT Sustainability Program, and Region 2 Technical Center. A Final Report will be completed by September 2017.

### Background

In July 2016, ODOT was awarded a Federal Highway Administration (FHWA) grant to analyze how green infrastructure techniques can protect the Oregon coast highway. Study goals include:

- Apply nature-based solutions for coastal protection
- Build upon prior research on dynamic revetments
- Incorporate lessons learned from similar projects
- Collect input from regulators and coastal experts
- Document pathways for implementation

This study analyzes the ability of nature-based infrastructure to protect coastal highways from wave scour, storm surge, and projected sea level rise at “hot spot” locations vulnerable to coastal hazards. This study builds upon ODOT’s prior research on dynamic revetments (cobble beaches and berms) as a means to slow bluff erosion, and is focused on three sites along US 101 in Lincoln County.

Sites were selected that provide a range of timing and risk levels.

- Beverly Beach: Areas of active coastal bluff erosion (most critical); the site has a narrow beach and a sand starved littoral cell.

- Lost Creek: Areas of active coastal bluff erosion and a low-lying area of highway (less critical); the highway above the creek outfall is vulnerable to flooding and storm surge.
- Ona Beach: Areas of highway vulnerable to river flooding and future storm surge (less critical).

The project will result in a set of protection options, conceptual plans, and construction and maintenance cost estimates developed in collaboration with regulators and coastal experts. An important outcome is partnering with the permitting agencies on the benefits and challenges of the various options. The study will identify regulatory needs and concerns in a way that can help support implementation of these types of solutions in the future. For example, the Department of Land Conservation and Development has provided assistance regarding how these solutions might conform to Statewide Planning Goal 18 (Beaches and Dunes), and the State Parks Department provided input relative to their permitting requirements for beachfront protective structures.

ODOT has received funding support through FHWA's Green Infrastructure for Coastal Highway Resilience Strategic Initiatives project. FHWA will use the pilot report in developing an implementation guide that will provide transportation agencies guidance on designing and implementing green infrastructure in the coastal environment. As part of the pilot ODOT will participate in a regional peer exchange designed to share experiences and inform the development of the guide.

For more information on the FHWA pilot program:

[https://www.fhwa.dot.gov/environment/sustainability/resilience/ongoing\\_and\\_current\\_research/green\\_infrastructure/pilots.cfm](https://www.fhwa.dot.gov/environment/sustainability/resilience/ongoing_and_current_research/green_infrastructure/pilots.cfm)

### **Findings**

This study has been a valuable exploration of how nature-based design solutions can protect coastal infrastructure. Compared with “hard” engineering, these options have the advantage of being natural in appearance and may allow for certain natural coastal processes to continue. We have received input from resource agencies about design options that would be considered “structural” vs. “non-structural” in certain coastal environments, and therefore subject to Goal 18. We have found that in some locations engineered cobble beaches may present recreation (beach access) and environmental concerns, and can also be cost prohibitive due to their large footprint. The assumptions relating to material sourcing (rock type/ haul distances) has a significant impact on cost estimates. We have received some support for testing these approaches on a pilot basis, so the study can be seen as a positive step towards designing a collaborative, constructible project in a critical area of need.

### **Next Steps**

The options analyzed and our outreach with stakeholders will help inform and guide decisions for how we address these (and similar) coastal hazard sites in the future. The study team will meet with ODOT management in the coming weeks to discuss our plans and next steps related to issues and opportunities identified in the study.

A Final Report will be available in September 2017.



# HB 2017-10

- a brief overview -

## Transportation Investments



**Safety, Preservation, Maintenance & Seismic**

Raises funds to fix state’s bridges, highways and culverts, and make safety and seismic improvements.

Provides historic levels of investment to cities and counties for maintenance of local infrastructure.



**Multimodal Transportation**

Provides funding in the first biennium to Connect Oregon program and directs funds for both the Treasure Valley Transmodal Facility and the MidWillamette Valley Transmodal Facility. Creates a funding mechanism that makes Connect Oregon a permanent program.



**Public Transit**

Makes new substantial statewide investment in public transit to improve the connectivity and frequency of bus service in rural and urban communities.



**Bicycle & Pedestrian**

Creates dedicated investments for bicycle and pedestrian commuter paths in Connect Oregon.

Provides \$10 million per year for Safe Routes to Schools increasing to \$15 million in 2023, plus an additional 1 percent for bike and pedestrian projects on the highway system.



**Marine Investment**

Provides funding for marine dredging and derelict vessel removal.



**Electric Vehicles**

Provides \$12 million per year for rebates for electric and other zero emission vehicles to promote their use in Oregon.



**Roadside Rest Areas**

Adds six rest areas and three state parks to the portfolio of rest areas managed by the Travel Information Council and provides funds to upgrade facilities.



**Congestion Relief & Freight Mobility**

OR 217: Makes full investment in bottleneck relief.

I-205: Widens northbound I-205 from Powell Boulevard to I-84. Uses technology to ease congestion. Requires planning to widen the freeway from Stafford Road to the Abernethy Bridge.

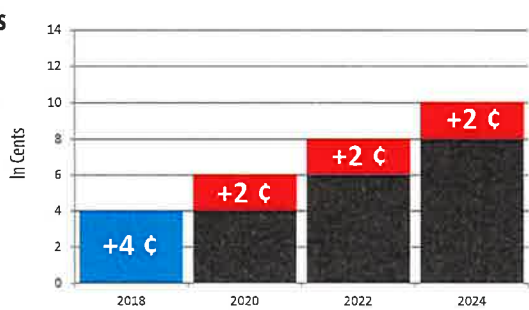
I-5 Rose Quarter: Invests in new lanes to improve reliability and plan for connectivity improvements across the freeway.

## Funding Investments

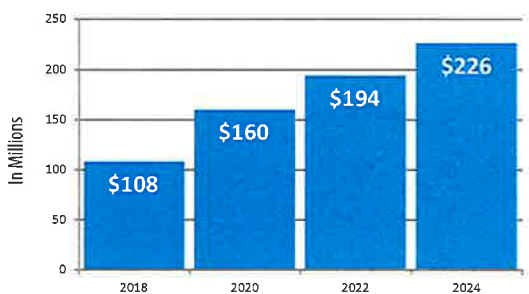
**Vehicle Registration Fees, Title Fees, and Fuels Tax**

**Four increases** stair-stepped over **six years**.

Last three increases conditioned on accountability.

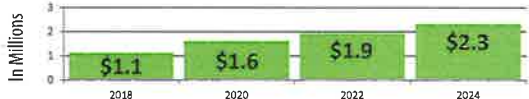


**Vehicle Registration Fees, Title Fees and Fuels Tax Annual New Revenue Estimate**



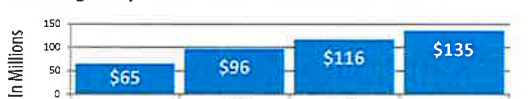
State Highway Fund (ODOT Share)

1% of ODOT's share of State Highway Fund Revenue goes to Bike/Ped.

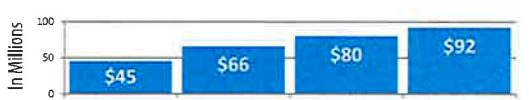


**State Highway Fund (Local Government Share)**


**Counties**



**Cities**

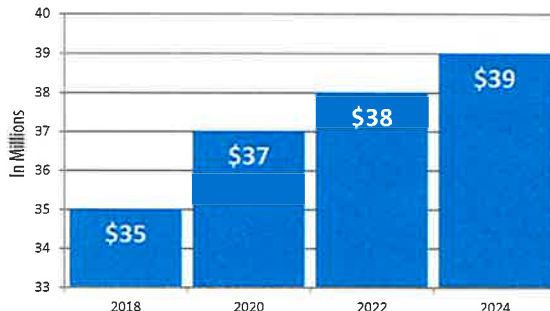


**New Light Vehicle Dealer Privilege Tax**



The privilege tax revenue is dedicated to **electric vehicle rebates & Connect Oregon**.

**New Light Vehicle Dealer Privilege Tax Annual Revenue Estimate**




**Bicycle Excise Tax**

**\$15 fee**

Only adult bicycles that cost \$200 or more with wheels 26 inches or larger. The bicycle excise tax is expected to generate an **annual average revenue of \$1.2 million**.

**Statewide Payroll Tax**

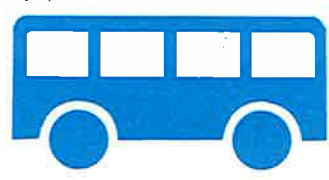
1/10th of 1% of wages, deducted by employer from payment to employee.



A worker earning minimum wage pays:


**39 ¢ per week** About **\$20.28 per year**

The payroll tax revenue is dedicated to



**public transit**

**Statewide Payroll Tax Annual Revenue Estimate**



## Policy

### Accountability

Directs the commission to create a Continuous Improvement Advisory Committee for ODOT, measure and report on transportation system condition for all jurisdictions, create a transparency website, conduct benefit cost analysis for capacity building projects and create a stronger connection between the commission and the internal auditor of ODOT.

### Value Pricing

Creates a pathway for use of value pricing to relieve Portland Metro area congestion.

### Clean Fuels

Guarantees certainty with cost containment measures in statute for consumer protection.

### Use of Salt

Requires a statewide winter maintenance strategy that includes the use of salt.

### Jurisdictional Transfers

Transfers Outer Powell Boulevard in Portland, Pacific Highway West in Eugene, Springfield Highway in Springfield, Territorial Highway and Springfield-Creswell Highway in Lane County to local governments and transfers Cornelius Pass Road in Multnomah and Washington Counties to ODOT.