

**TILLAMOOK COUNTY
COUNTY ROAD ADVISORY COMMITTEE MEETING (CRAC)
Monday, March 01, 2021
3:00 PM TO 5:00 PM
Virtual Meeting**

[Click here to join the meeting](#) , call in number is 1-971-254-3149, Conference ID: 347 540 043#

1. Call Meeting to Order
2. Review and Approve February 01, 2021 meeting minutes
3. Staffing
4. Budget Fiscal Year 2021/2022
5. Paving
6. Public Comments: Diane Clayton: Local Access Road Improvement, Fleming Ave.
7. Next Meeting

TILLAMOOK COUNTY ROAD ADVISORY COMMITTEE

Date: February 1, 2021

MEMBERS PRESENT: Curt Schonbrod, Jerry Dove, Gary Hanenkrat, Sheryl Newman, Anne Price, Bob Garrigues and Gus Meyer

STAFF: Chris Laity, Jeanette Steinbach and Commissioner Bell

PUBLIC: Barbara Aufdermauer and Diane Clayton

Item 1. Call Meeting to Order: Meeting called to order at 3:05 pm. The Chair, Curt Schonbrod welcomed everyone to the meeting.

Item 2. Election of Chair and Vice-Chair: Dove motioned to retain Curt Schonbrod as Chair and Gary Hanenkrat as Vice-Chair, Bob Garrigues seconded, unanimously approved.

Item 3. Review and Approve March 02, 2020 meeting minutes: Jerry motioned to accept the March 2, 2020 minutes as written. Minutes seconded by Bob Garrigues, approved with one abstaining.

Item 4. CRAC Members update: Welcome new member, South County, Ann Price: Curt welcomed Ann Price to the committee. A vacancy still exists for a member to represent North County.

Item 5. Transportation System Overview – State of the Roads: Chris Laity presented a power point to the members as attached.

The County Roads system includes roads, vegetation management, guardrails, pavement, equipment, culverts, ditches, pavement markings, stockpiles, quarry, buildings, signs, bridges, engineering services, gravel roads, emergency response, levees and tide gates.

The County has 98 total bridges that are in the National Bridge Inventory System (NBIS) which are bridges and box culverts that more than 20 ft. Of the 98 bridges, 48 are in good condition, 41 are in fair condition and 9 are in poor condition. This is approximately one bridge/3 miles. The Non-NBIS bridges are 13 in total of which 4 are in good condition, 4 in fair condition and 5 in poor condition.

The County has inventoried 2,400 culverts which is about 2/3rds of the inventory. 1/3 are failing or poor. The supervisors are looking at all failing culverts to see what needs to be replaced.

The County maintains 265.30 miles with a current pavement condition index (PCI) of 55. 33% of the roads are in very good condition, 16% are very poor. We maintain roads from Falcon Cove (north) to Savage Road (south). Looking at the clusters of roads in the local communities, the majority of the property owners are second homes.

Item 6. COVID 19 Impacts: In FY 19-20 we received \$1.3 million from the Transient Lodging Tax, in FY 20-21 we have received, so far, \$382,000 with a payment due in February. Spending was curtailed to be conservative due to COVID-19. Additional tourism impacted some of the roads and parking lots.

Item 7 Staffing & Equipment: The staff of the Road Department is budgeted at 24. It consists of the Director for both Solid Waste and Road, Ops Supervisor, Administrative Specialist, Accounting Technician, Engineering Technicians (GIS, Bridges, Permits), Mechanics, Vegetation/Signs/Data, two District Supervisors and six crew members per Supervisor. The crews assisted Oregon Department of Forestry during the Pike fire. Pike Road is a county road, and our assistance was greatly appreciated.

The County is purchasing a Forest Head/Masticator which mulches the tree, two additional pickups, a chipper. PUD operates a forest head and chipper for efficiency. 1740 hours were spent in brushing (not mowing) and 3,450 hours for flood/storm issues which represents 23% of the work that the crews perform.

Item 8. 2020 Accomplishments:

Safety, economics and other criteria dictate where pavement is placed. In 2020 the crew put down 4,400 tons of asphalt. FY 2019-2020 (July-December) put down 13,000 tons; 2018 4,300 tons and 3,800 tons on Trask River Road using the funds from the ODF agreement, 2017: 10,500 tons, 2016: 5,500 tons and in 2015: 5,400 tons.

Sandlake and Whiskey Creek Roads a MicroCoat was placed. These roads were not ready for chip seal. The product was formulated in the Pacific NW. It provides a durable road surface and increases traction. This is a high-end product (not new) and on checking references were good. It passed on-site traction test. The Road Dept. received complaints about the surface. Chris spoke to previous Counties about this product, and there were no issues. A front wheel drive did not have issues, but a rear wheel drive did. A loaded sand truck, chains, and finally milling the road which grooved the pavement obtained the traction. Chris is working with the contractor to resolve the issue. A creative way to resolve this is for the county to provide the materials, and the contractor will remedy the issue, and the county will add more roads to the project.

Cape Meares match of \$1.6 million was sent to FHWA for the \$21 million 1.6-mile Cape Meares Loop project.

A partnership occurred with Tillamook Estuary Partnership, Super Salmon Highway (SSH) and other agencies to replace a culvert on Miami Foley Road with a bridge called Peterson Creek bridge. This was a \$92,000 match from TCPW.

The Holgate bridge on East Beaver Creek road was designed by United States Forest Service. This is a 100% reimbursable program from ODOT's fund exchange.

On Jenck Road a culvert was replaced with a bridge. TCPW provided engineering support and the beams (acquired from ODOT, paid shipping costs). The Nestucca, Neskowin Sandlake Watershed County, SSH and TCPW partnered to make this project happen.

Bridge Repairs scheduled and completed include the Prince Bridge on Blum Lane, Margarell Bridge on Blaine Road, Husbeck Bridge on Learned Road and Beachy Bridge on Pacific Avenue.

2017 to 2022 a lot of the bridges have been built by ODOT, SSH, FHWA or various other entities. ODOT/FHWA will be building three bridges in 2022 (two on Miami Foley Road and one on Bay Ocean Road, SSH funding three bridges in 2022 (Ekroth and two on Trask River Road), ODOT is funding a bridge in 2022 (Big Trout in the Three River District) and two bridges (Neskowin Emergency Egress) and a culvert are being funded by the community/ODOT/TCPW/other agencies in 2022.

Item 9. Budget FY 2021-2022: The revenue forecast is \$2.78 million from ODOT, Block Federal Grant approximately \$335,000, USFS is between \$88,000 to \$396,000 and the TLT expecting \$1 million.

Item 10. Projects – 2021: Paving carried over from 2020 paving is Miami Foley by Hwy 101 and McCormick Drive by the Digester. Two weeks of crack sealing. Paving and chipping of Sandlake/Whiskey Creek warranty work, portions of Blaine Road, Bunn Creek, Alderbrook. The focus for culvert replacements will be on Miami Foley Road and Blaine Road. Oceanside ramp is scheduled for improvement in the Fall of 2021. Kilchis House drainage project; this project resulted from the 2015 declared storm where the residents had to evacuate due to flooding. Design and construction scheduled to be completed in the fall of 2021. Cape Meares project will start in the fall of 2021 with tree removal and construction in 2022. Wilson River Loop hydrology study to be completed in 2021.

Item 11. Projects – 2022: Schedule crack seal for 2 weeks, forest head/masticator and ditch-pro to be used for brushing and ditching, culverts and paving will depend on revenue. Bridges being replaced are two on Miami Foley, one on Bayocean, one on Ekroth, two on Trask River, one on Big Trout and two or three on Hawk Street.

Paving list is based on road classification, first responder request, pavement condition inventory, remaining service life, importance to business, heavy vehicle loading, tie with other projects, funding partners, consistent problems, sole access more or less than 3 homes/businesses, local support, safety concerns and Foreman adjustments.

Item 12. Parking issues relating to the new parking fees: Lots of tourism due to, COVID, and as a result the Commissioners closed the beach area for parking. Locals were overwhelmed by the tourists parking and blocking access. There is a Request for a Proposal planned to look at the parking and restroom facilities in Pacific City.

Public Comments: Fleming Avenue: Chris said that this is a drainage issue. This is a Local Access Road that would require a recommendation from the CRAC to present to

the BOCC. Diane Clayton explained that there are 13 homes on Fleming. The residents are elderly and are concerned that the road will not be accessible in the future. The runoff is causing a lot of issues. Diane is requesting that if Fleming Road meets the LAR criteria, they would like the County to assist in paving the road. The property owners will contribute too. Chris Laity said the road would need to be shaped and paved so that the drainage could be diverted. It would cost approximately \$10,000 for the asphalt with the County doing the work, the road would have to be widened to 16-ft. Gus asked if this could be converted to a County maintained Road. Chris said he does not recall a LAR being converted to a county road. Jerry Dove suggested getting more information on cost and visiting the site. Chris said he is looking for a recommendation based on the LAR order criteria. Jerry asked if the property owners would be willing to contribute, Diane confirmed that the property owners would likely contribute. Gus Meyer understood that there was a budget line for improvements on LAR, Chris said that no monies are assigned in the budget. Curt suggested that more information is needed, and the members should visit the road, and find out if there is a community match. This will be revisited it at the next meeting. Jerry suggested forming a Local Improvement District. Anne will connect with Chris to clarify questions she has on LAR's.

Parking fees in Cape Meares: Bob Garrigues said when the Bayocean Spit road was closed, visitors parked on the roads in Cape Meares blocking the rescue lanes. The annual pass is assigned to cars, most residents take one car to visit the Spit and another one to go to town. Bob suggested getting a tag instead of obtaining two-three annual passes because it is linked to license plates. Some of the members said that there are two cars assigned to each pass.

Item 13. Next Meeting: The next meeting is March 1, 2021. Discussion on the budget, and Local Access Road request. The meeting adjourned at 4:45 pm.



COUNTY ROAD ADVISORY COMMITTEE (CRAC)

February 2, 2021

ELECTIONS

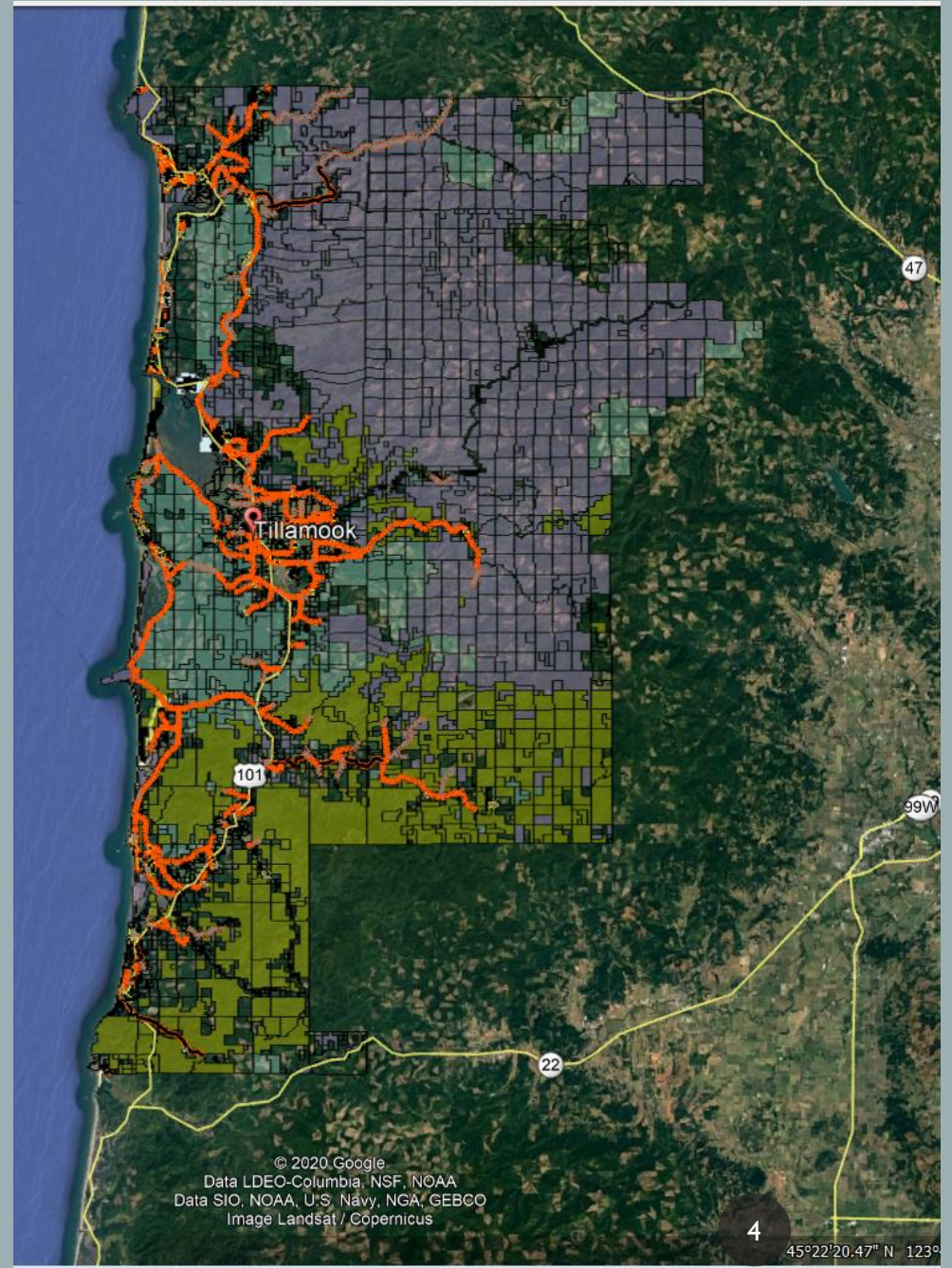
- Chair
- Vice Chair

MEETING MINUTES

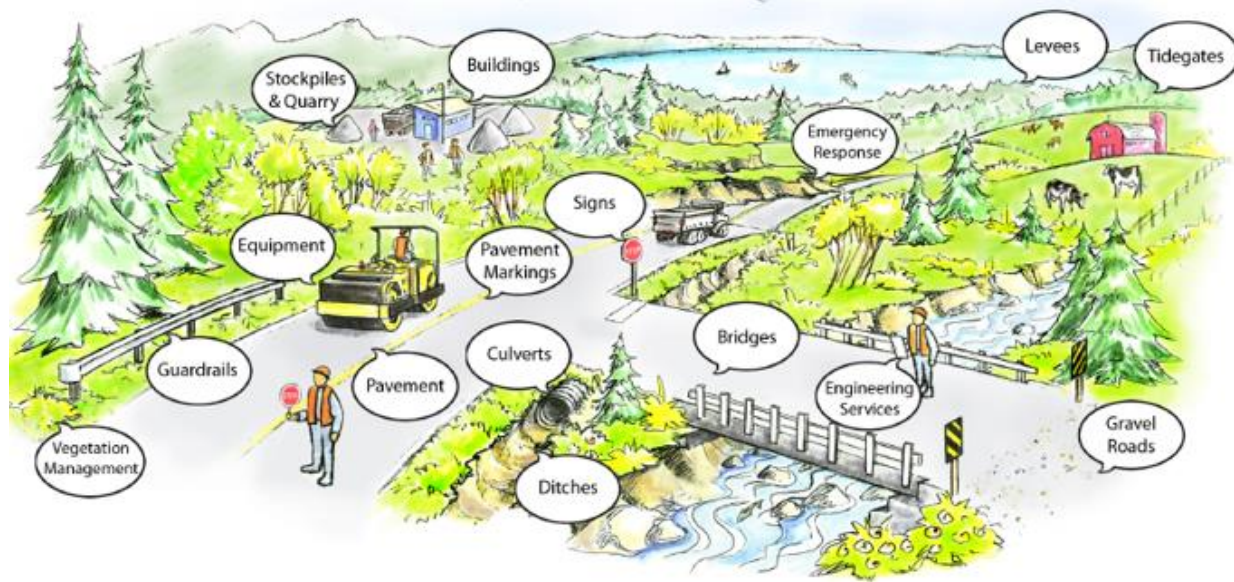
CRAC Members

CRAC Member	Representing	Term Expires
Anne Price	South County	12/2/2023
Curt Schonbrod, CHAIR	Central/North	12/31/2023
Gary Hanenkrat, VICE-CHAIR	Central	12/31/2023
Gary Hercher	Central/South	12/31/2022
Gus Meyer	Central	12/31/2022
Jerry Dove	Central	12/31/2021
Robert Garrigues	Central (Cape Meares)	12/31/2021
Sherry Newman	North County	12/31/2021

Tillamook County



Transportation Infrastructure



State of the Bridges

National Bridge Inventory System (>20-ft)

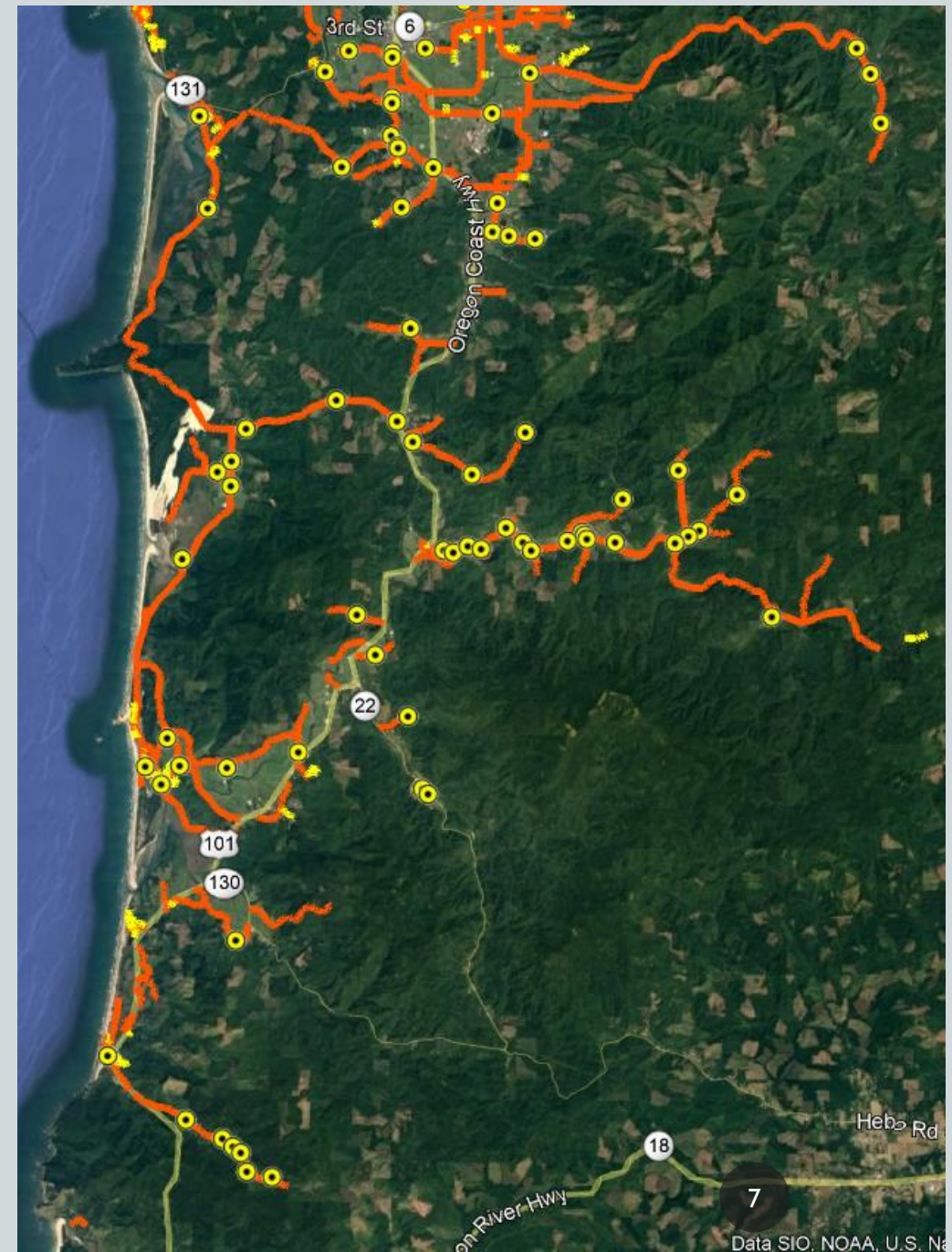
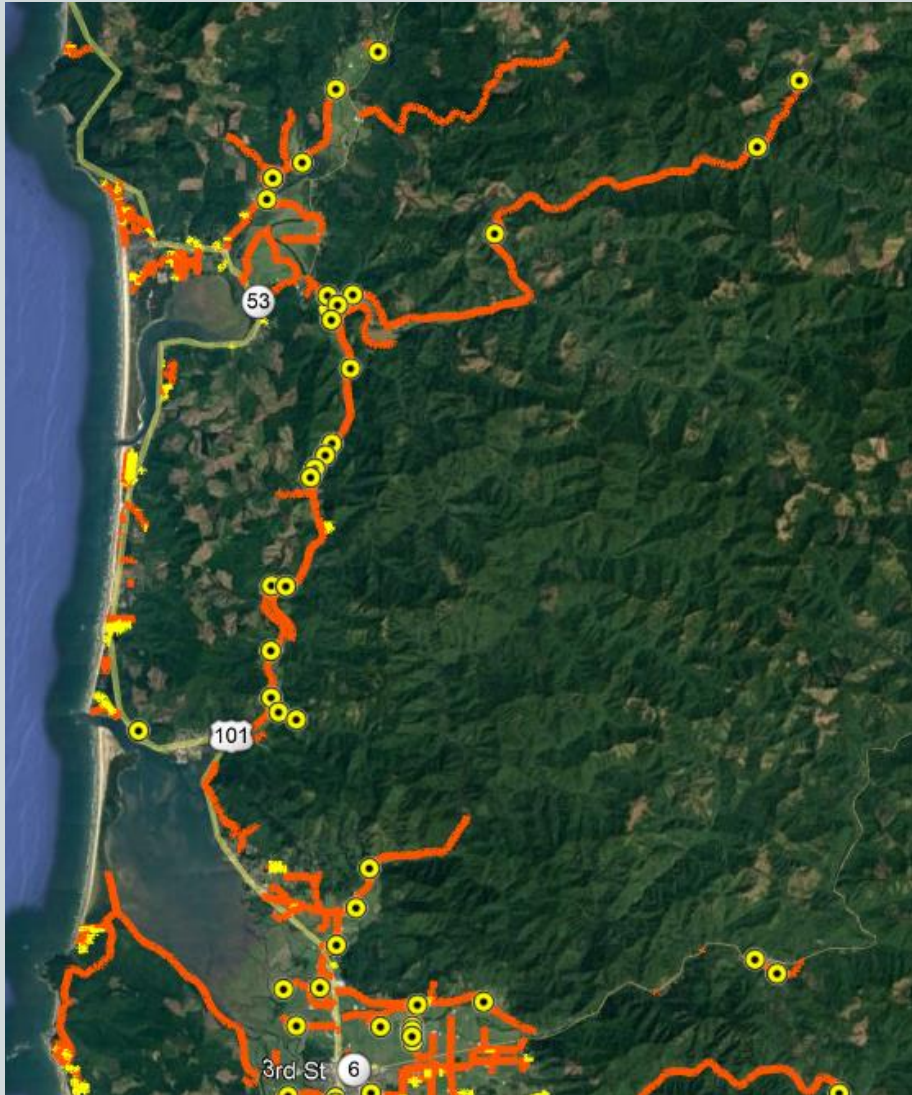
Tillamook County

- 98 Total
- 48 (49%) Good Condition
- 41 (42%) Fair Condition
- 9 (9%) Poor Condition

Oregon

- 4,086 Total
- 1,380 (34%) Good Condition
- 2,418 (59%) Fair Condition
- 288 (7%) Poor Condition

State of the Bridges One Bridge/3 miles

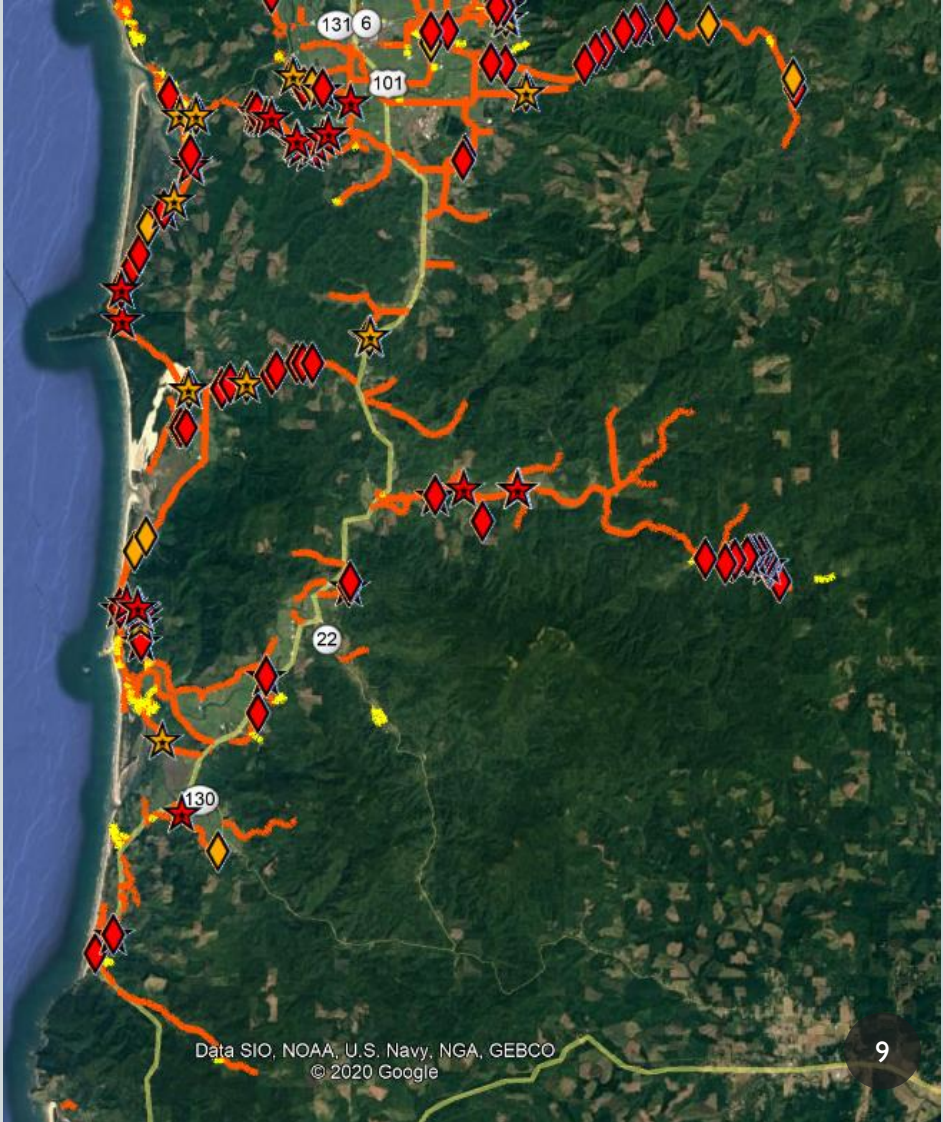
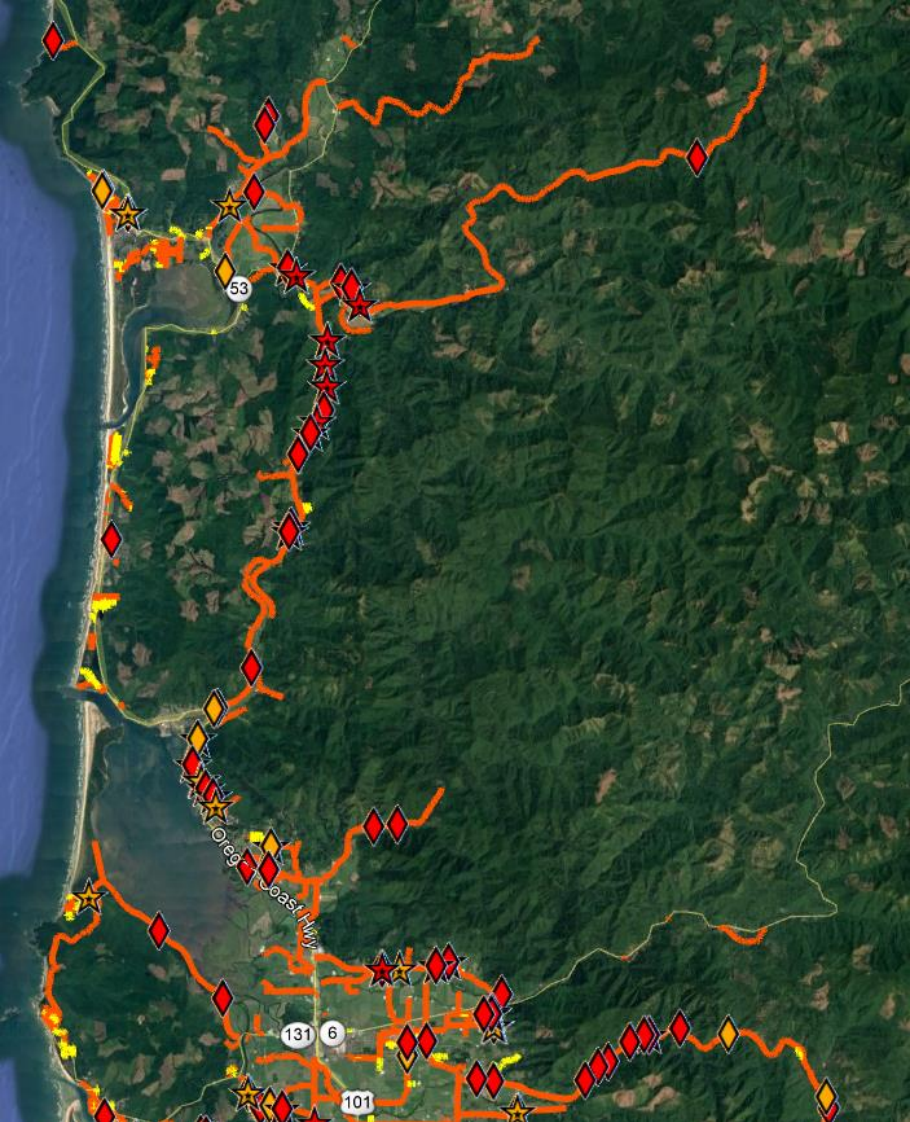


State of the Bridges

Non – NBIS (20-ft or less)

- 13 Total
- 4 (31%) Good Condition
- 4 (31%) Fair Condition
- 5 (38%) Poor Condition

State of the Culverts
2/3rds through Inventory.
So far: 2,400 culverts under the roads. ~ 1/3 are failing or poor.



State of the Roads

Tillamook County Public Works



Miles Maintained:

Centerline Miles: 265.3

Lane Miles: 500.8

Square Miles: 0.9



Here is how you did:

Current PCI: 55

PCI on
January 1: 48

% of Very Good: 33%

% of Very Poor: 16%

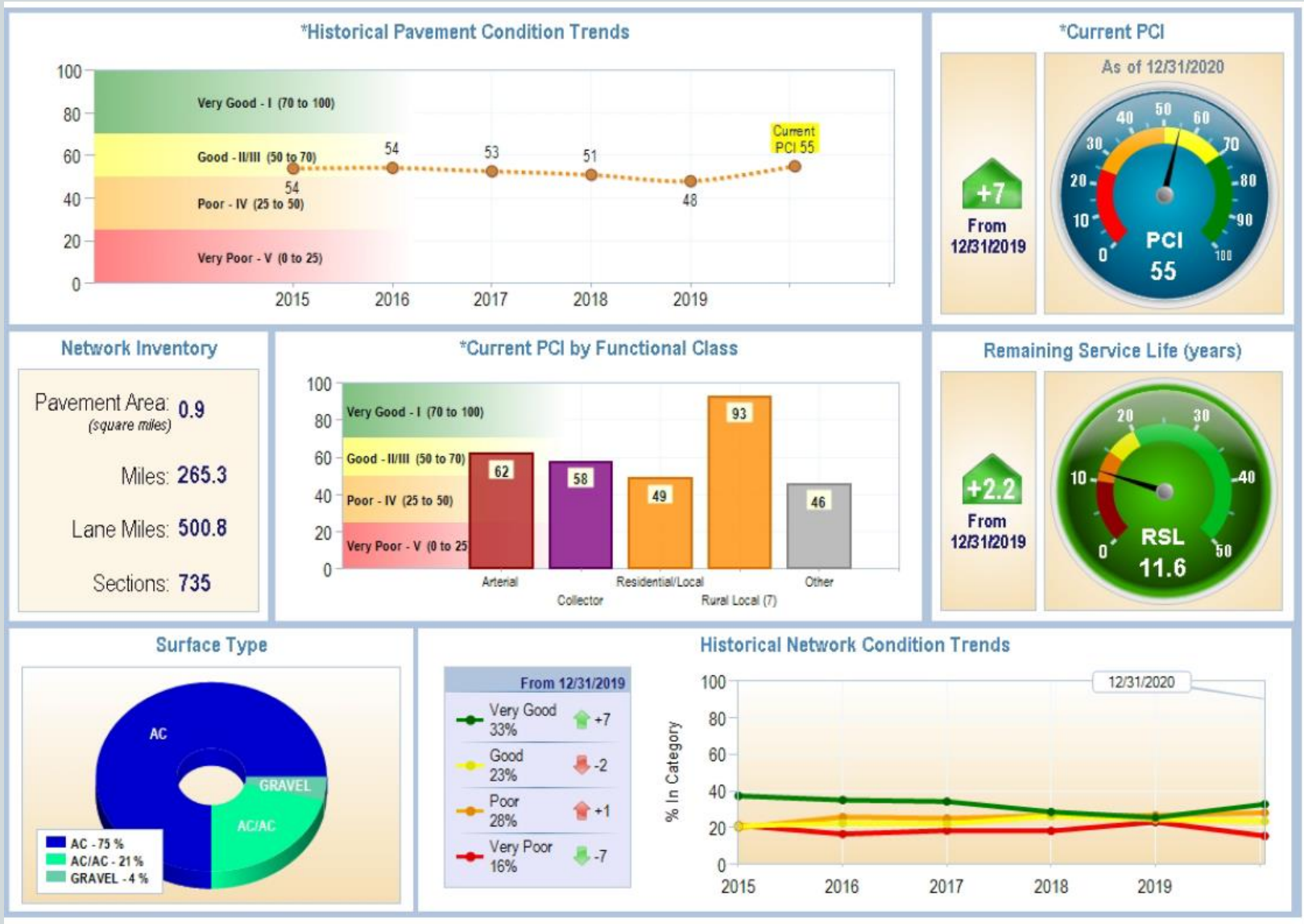


*Peer Comparison:

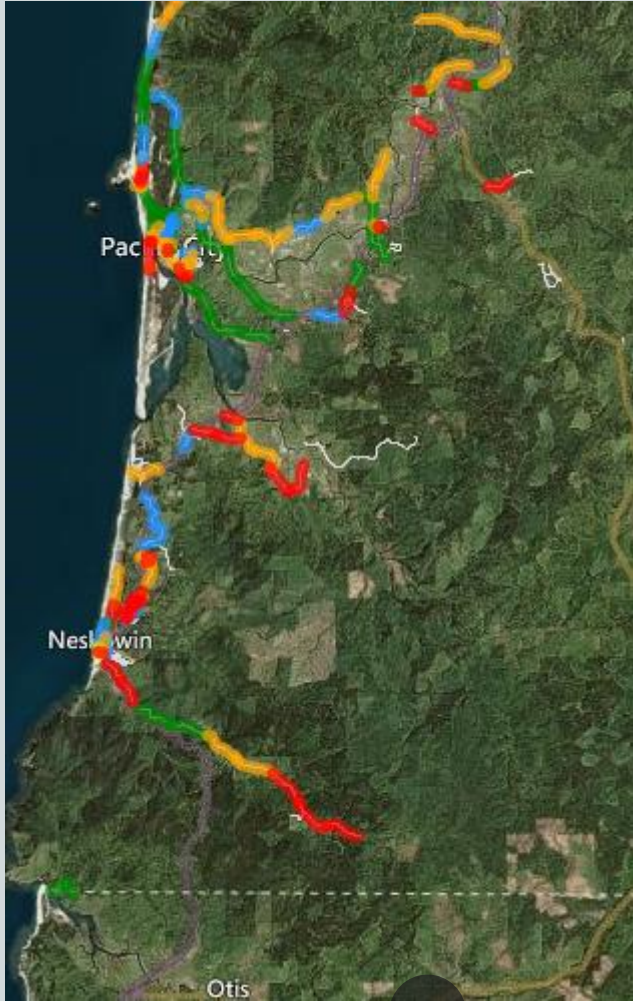
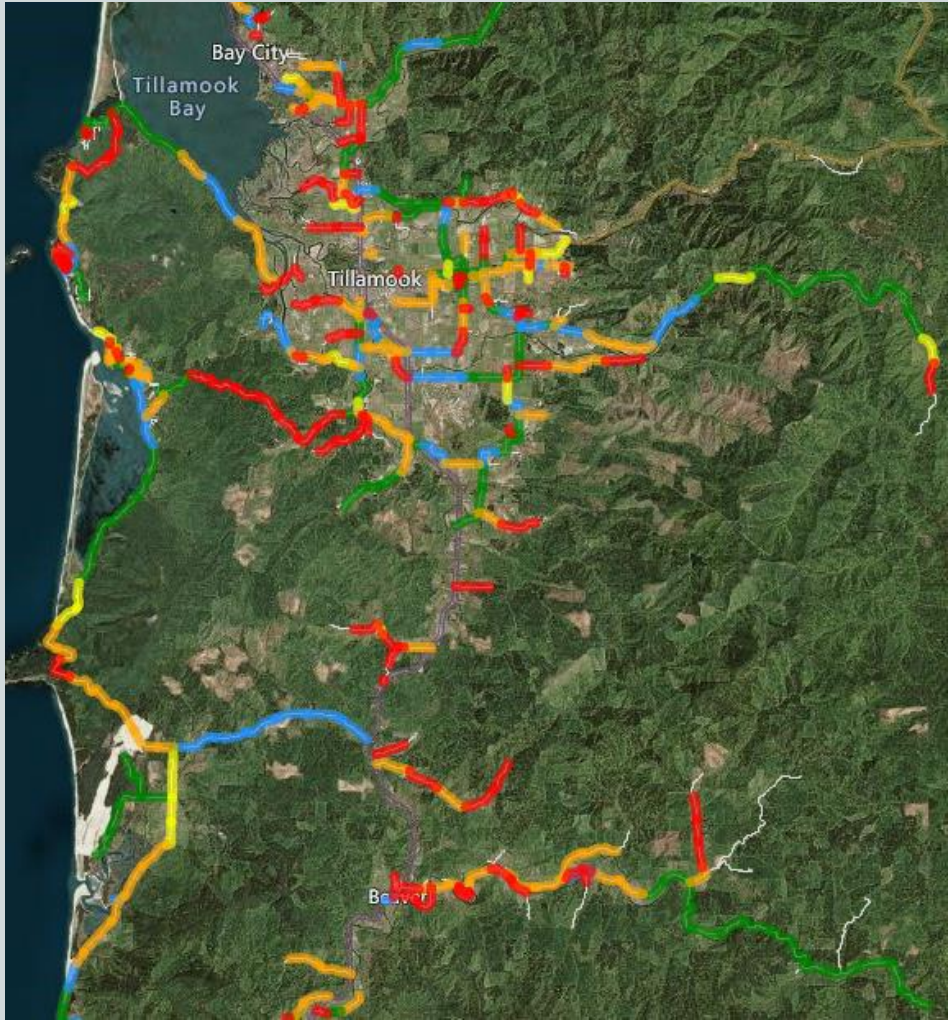
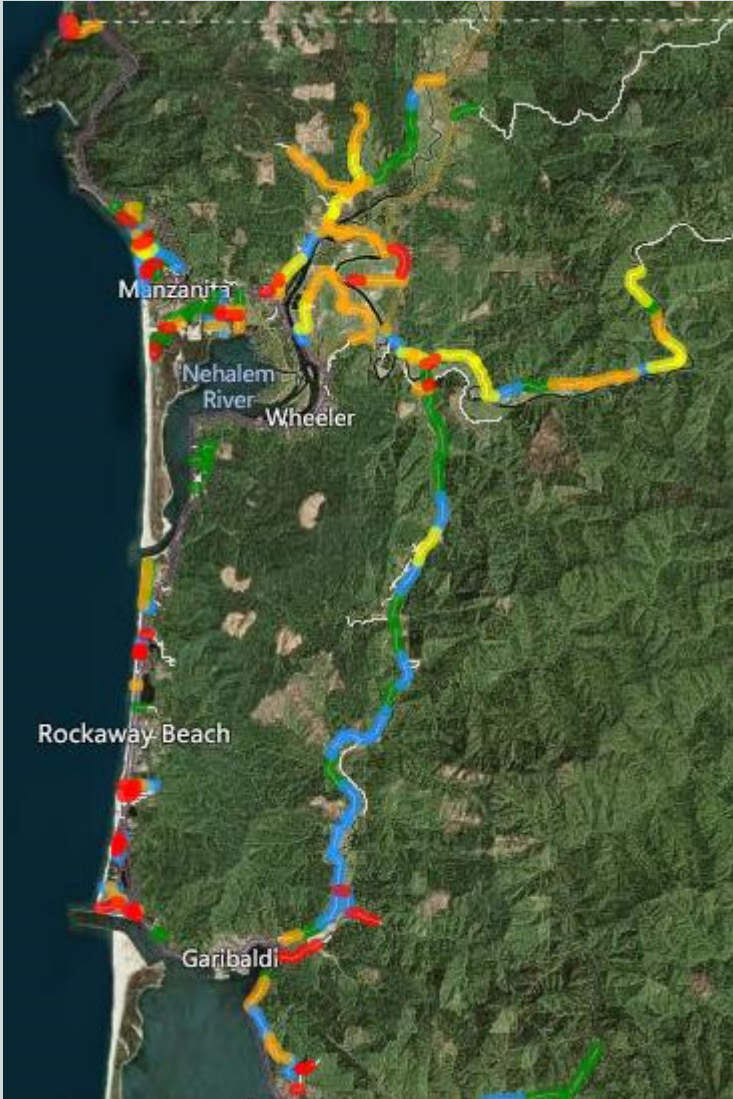
PCI of similar
size agency: 56

Your agency
percentile rank: 25%

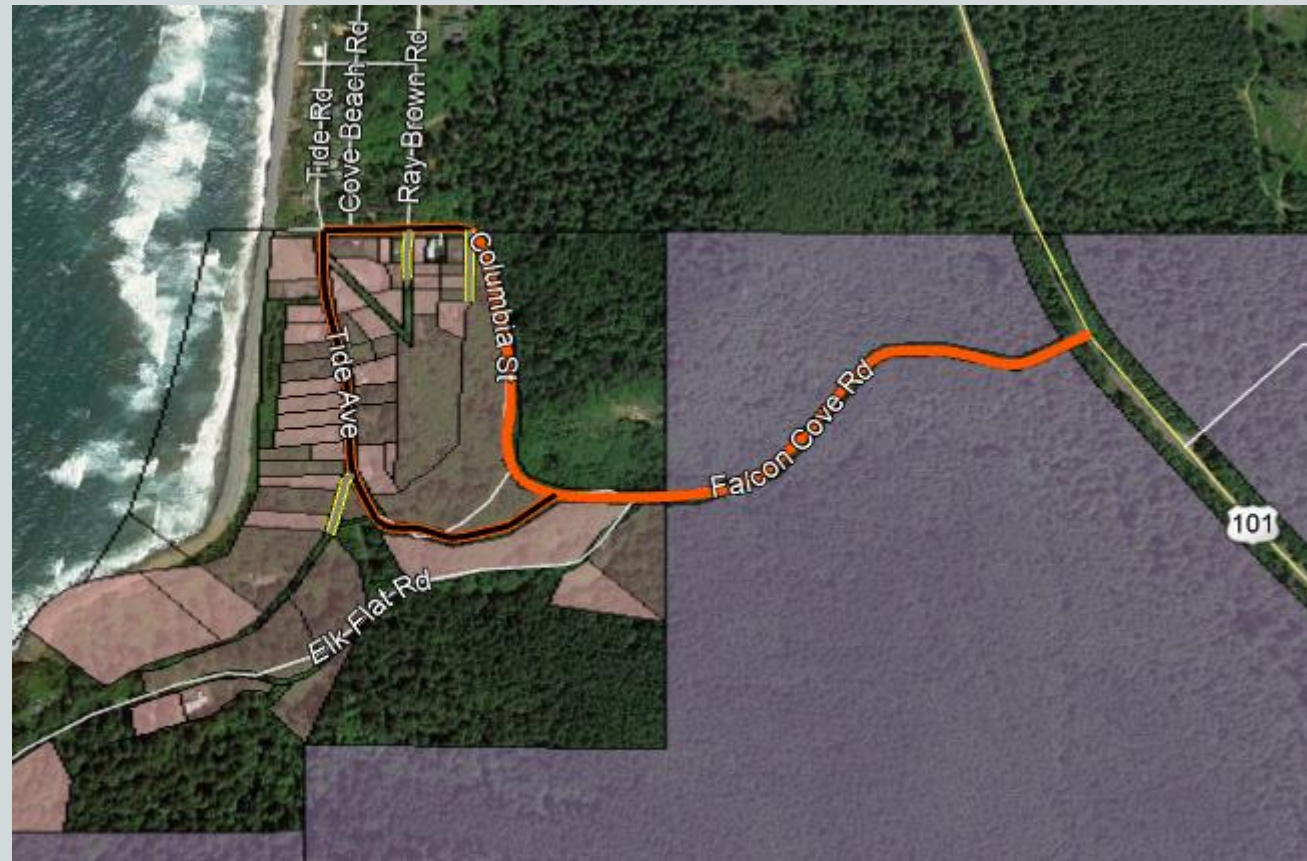
State of the Roads



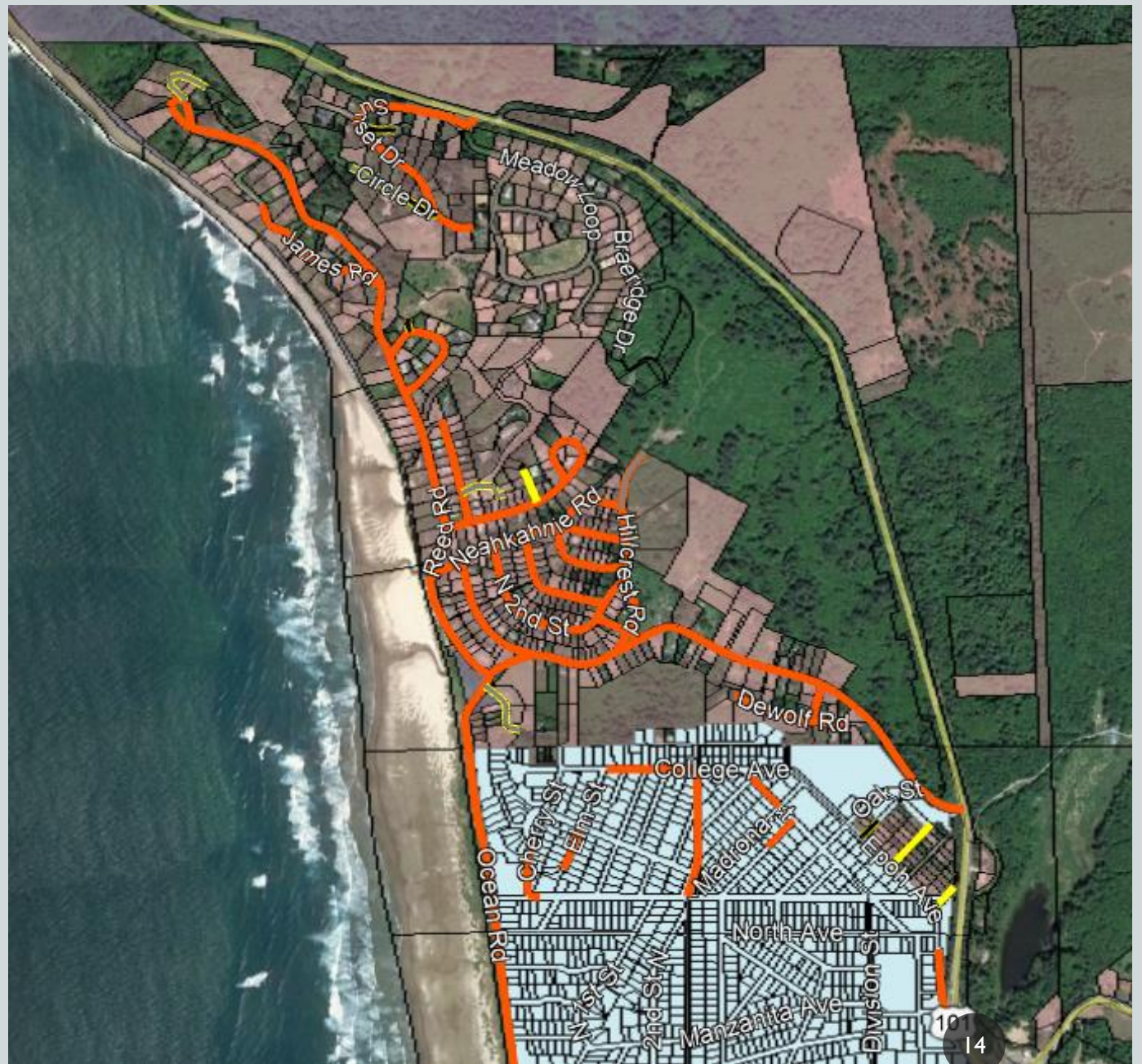
State of the Roads



Falcon Cove



Neah-Kah-Nie



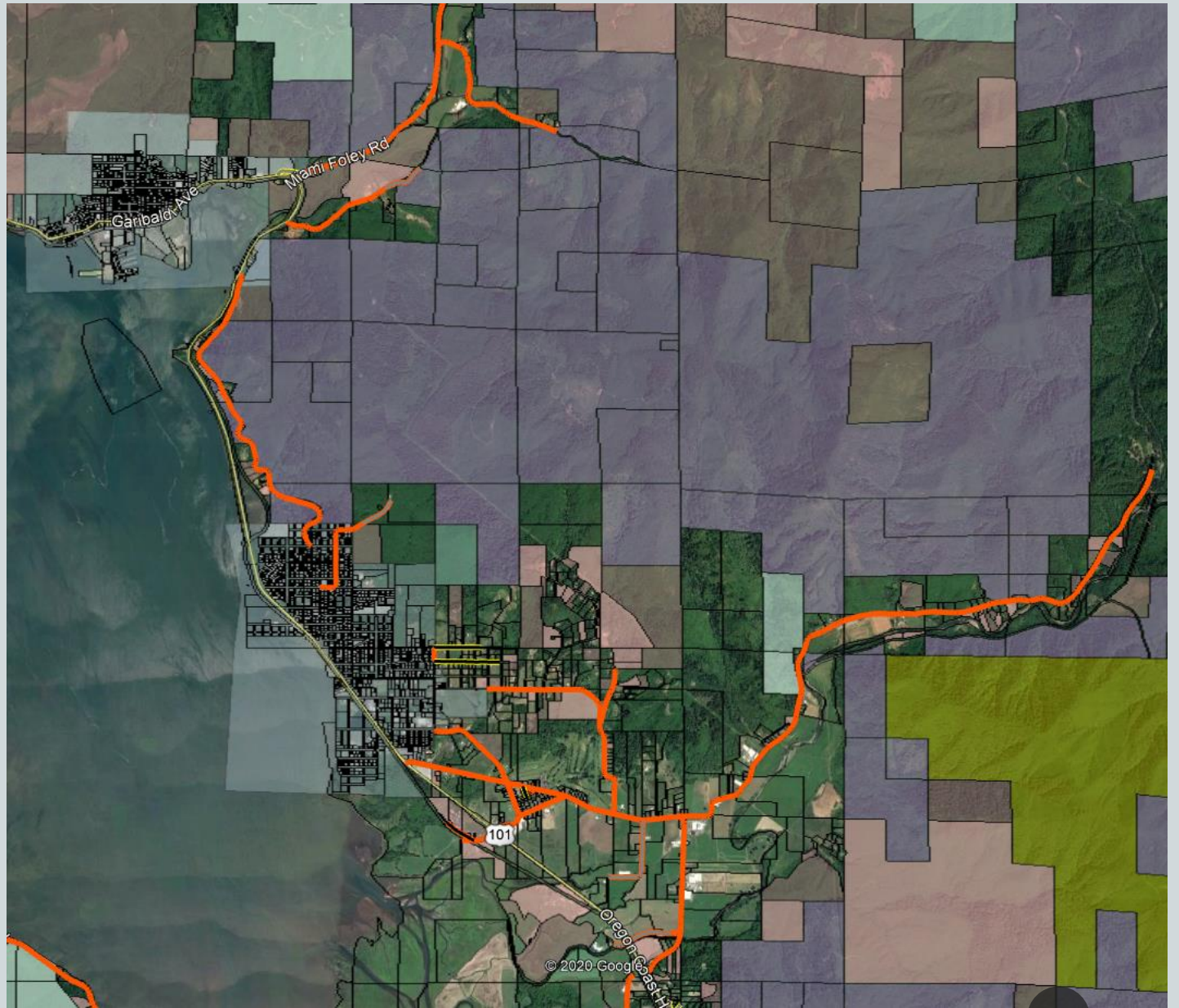
Nedonna Beach



Twin Rocks



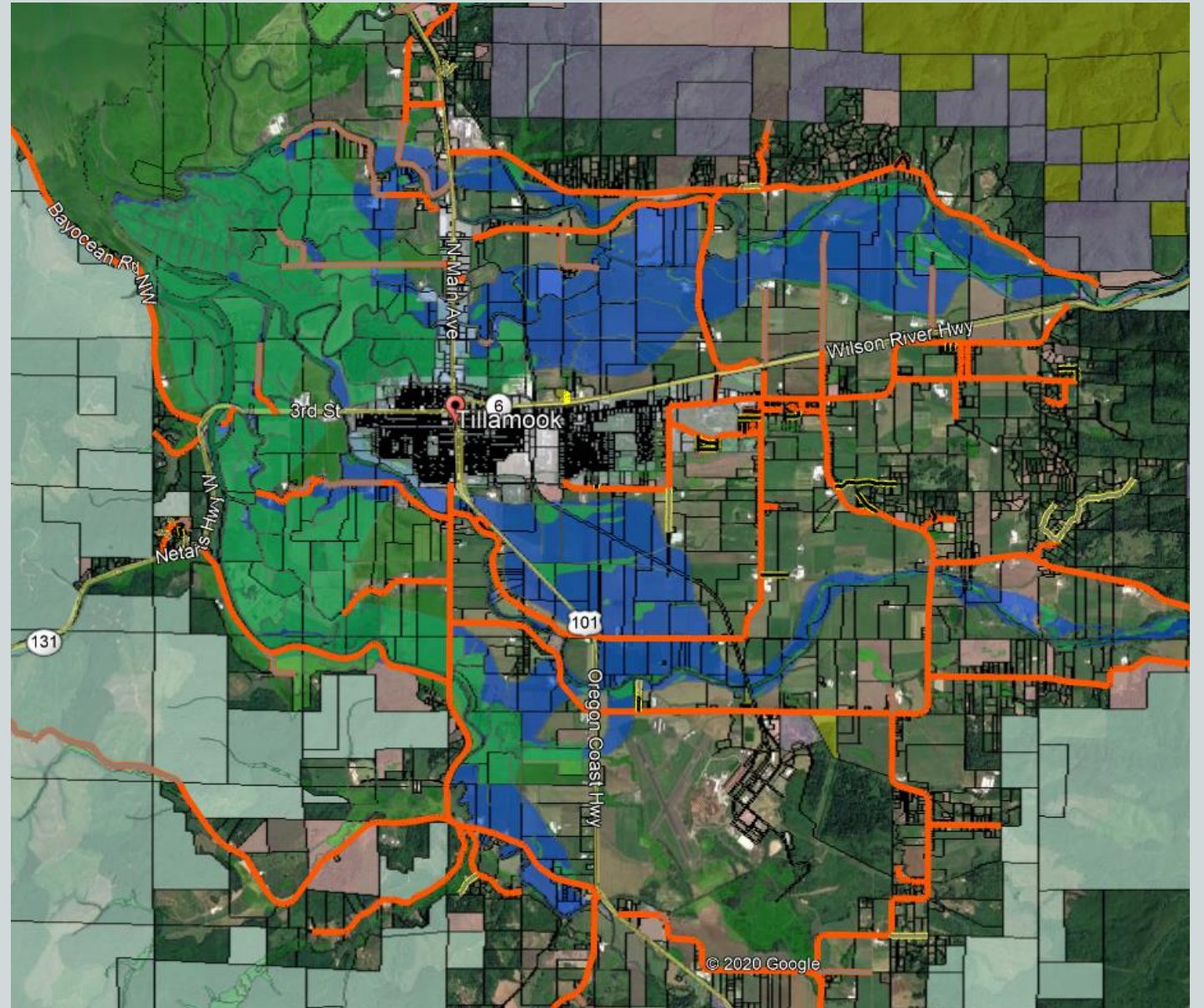
Bay City Area



Cape Meares Area



Tillamook Area



Oceanside & Netarts



Pacific City & Woods



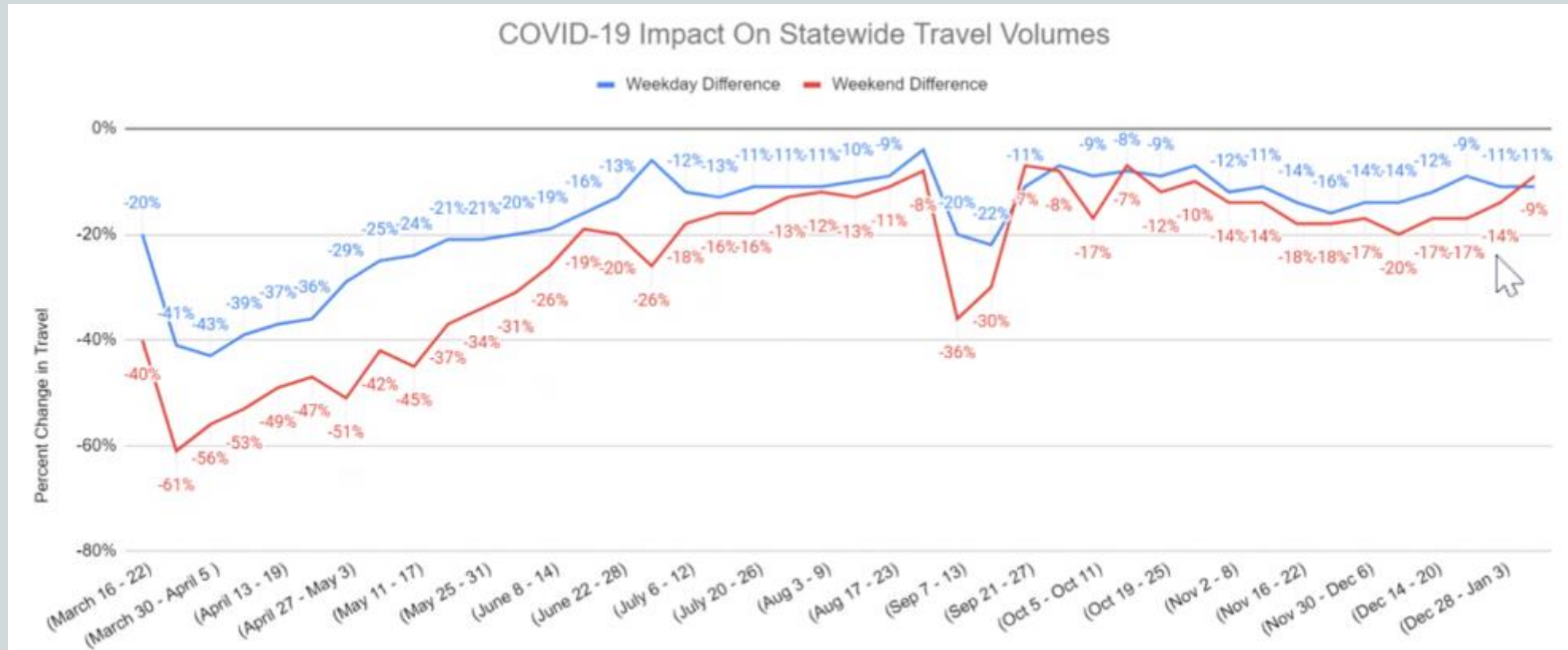
Neskowin Area



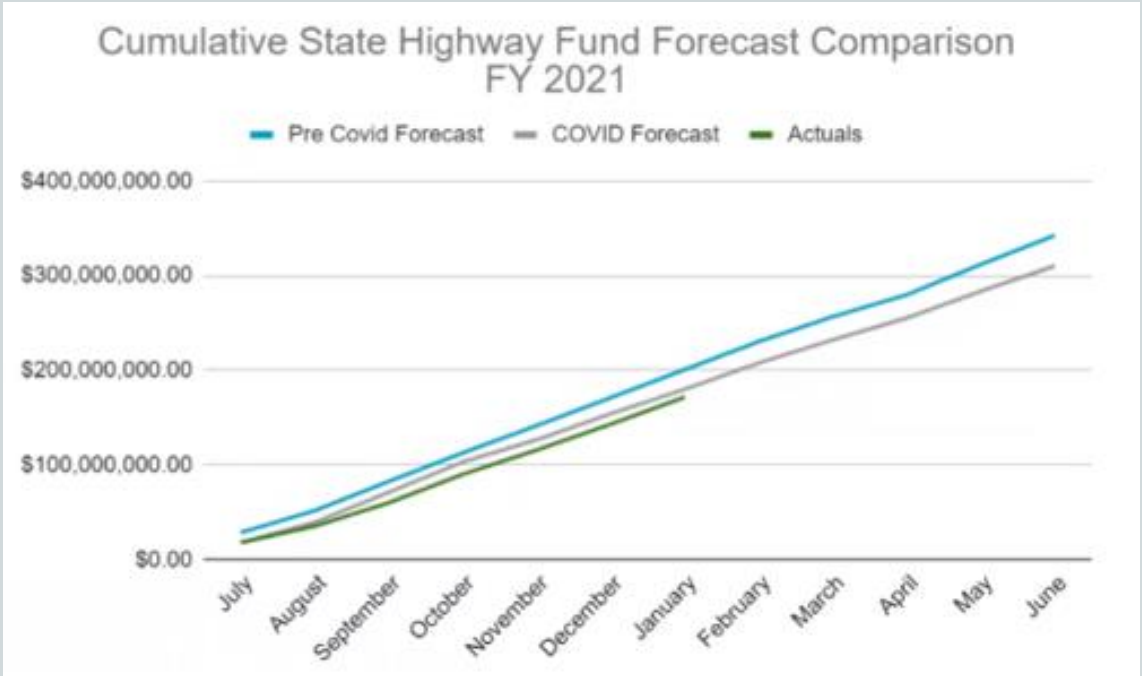
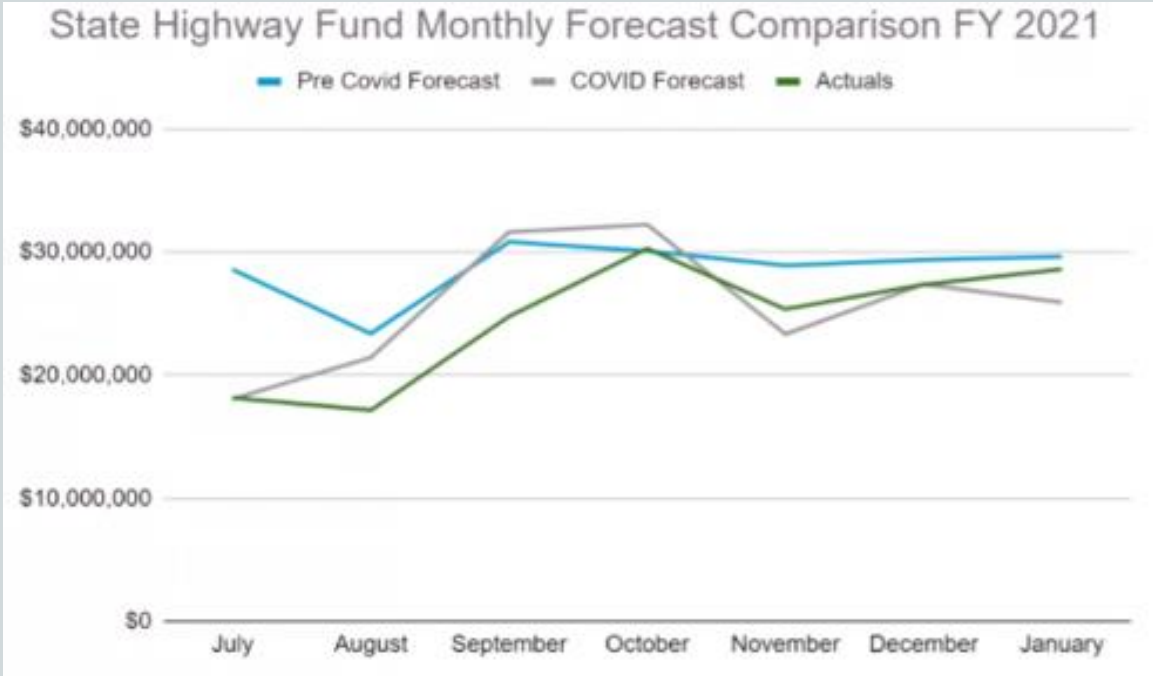
COVID-19 IMPACTS OPERATIONS

- Hiring
- One-Person One-Vehicle
- Diesel Costs
- Equipment
- Yard/Office Modifications

COVID-19 IMPACTS TRAVEL TRENDS



COVID-19 IMPACTS STATE HIGHWAY FUND



COVID-19 IMPACTS SHF IN TILLAMOOK COUNTY

- FY 19-20
 - State Highway Fund: \$2.5 million
- FY 20-21
 - State Highway Fund
 - Pre-COVID Projected:
 - Budgeted: \$2.45 million
 - New Projection:

COVID-19 TRANSIENT LODGING TAX IMPACTS

- FY 19-20
 - July: \$198k
 - October: \$323k
 - \$521k
 - February: \$566k
 - April: \$198k
- FY 20-21
 - July: \$167k
 - November: \$215k
 - \$382k

Road Department Staffing

- Public Works Director (Roads & Solid Waste)
- Ops Superintendent
- PW Admin Specialist + Accounting Tech
- Permits & GIS & Engineering Techs
- Mechanics
- Vegetation/Signs/Field Data Collection
- New hires
- North County Field Crew
 - Foreman & 6 crew members
- South County Field Crew
 - Foreman & 6 crew members

Road Department Equipment

- Initial Capital Purchase Freeze
- Purchased two new foreman vehicles
- Purchased a forestry head for excavator
- Will request two additional pickup trucks
- Reviewing a chipping trailer.

2020 ACCOMPLISHMENTS

Highlights

11-2019 to 11-2020

- 1,740 hours Brush Cutting (not mowing)
- 3,450 hours Flood/Wind/Slide

This represents 23% of the work that the Road Crews performed.

- Covid-19 response
- Parking closures in Pacific City
- Assisted with Pike Fire

Paving Tons - Historical

- 2020
 - 1,700 Tons (Spring)
 - 2,700 Tons (Summer)
 - 4,400 tons
- 2019-2020
 - 13,000 Tons (July – December)
- 2018
 - 4,300 Tons (July – July)
 - Trask River Road, 3,800 tons ODF agreement
- 2017
 - 10,500 Tons (July – July)
- 2016
 - 5,500 Tons (July – July)
- 2015
 - 5,400 Tons (July – July)

2020 Paving Projects

Spring 2020

- Wilson River Loop N-S
 - Bridge Ends
- McCormick Loop
 - 3rd south 1/2 mile
- North Quarry Road
 - Cost match with Nehalem & Contractor
- North Fork Road
 - Culvert

Summer 2020

- Falcon Cove Road
 - 48" Culvert
- 3rd Street Neah-Kah-Nie
 - Last road in residential area

2020 Paving Projects

Summer 2020

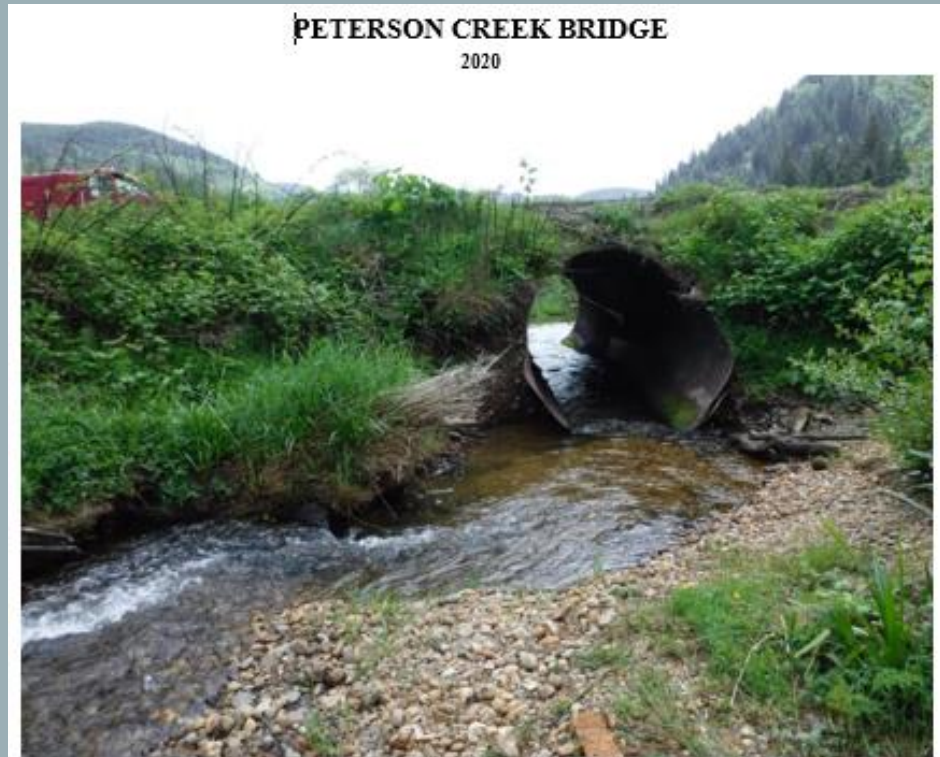
- Tillamook River Road
- Ekloff Road (tied with Tillamook)
- Sandlake Road
- Brooten Road
- Resort Drive
- Chinook Road
- Hillsdale Road

2020 Projects

Sandlake - Whiskey Creek MicroCoat

- Formulated in Pacific NW
- Provides durable road surface & increases traction
- High end product (not new)
- Good references
- Passed on-site traction test
- Broke traction when accelerating
- Attempted to add friction
- Milled the road

Peterson Creek – Miami Foley Road
(TEP – SSH - TCPW)
TCPW \$92k Match





2020.12.3 9:51

HOLGATE BRIDGE: EAST BEAVER CREEK ROAD
USFS & VALUE ENGINEERING DESIGN
TCPW 100% REIMBURSABLE FROM ODOT FUND EXCHANGE



Clear Creek: Jenck Road
(NNSWC – SSH - TCPW)
Total Cost: \$540k
TCPW Provided Engineering Support & Beams



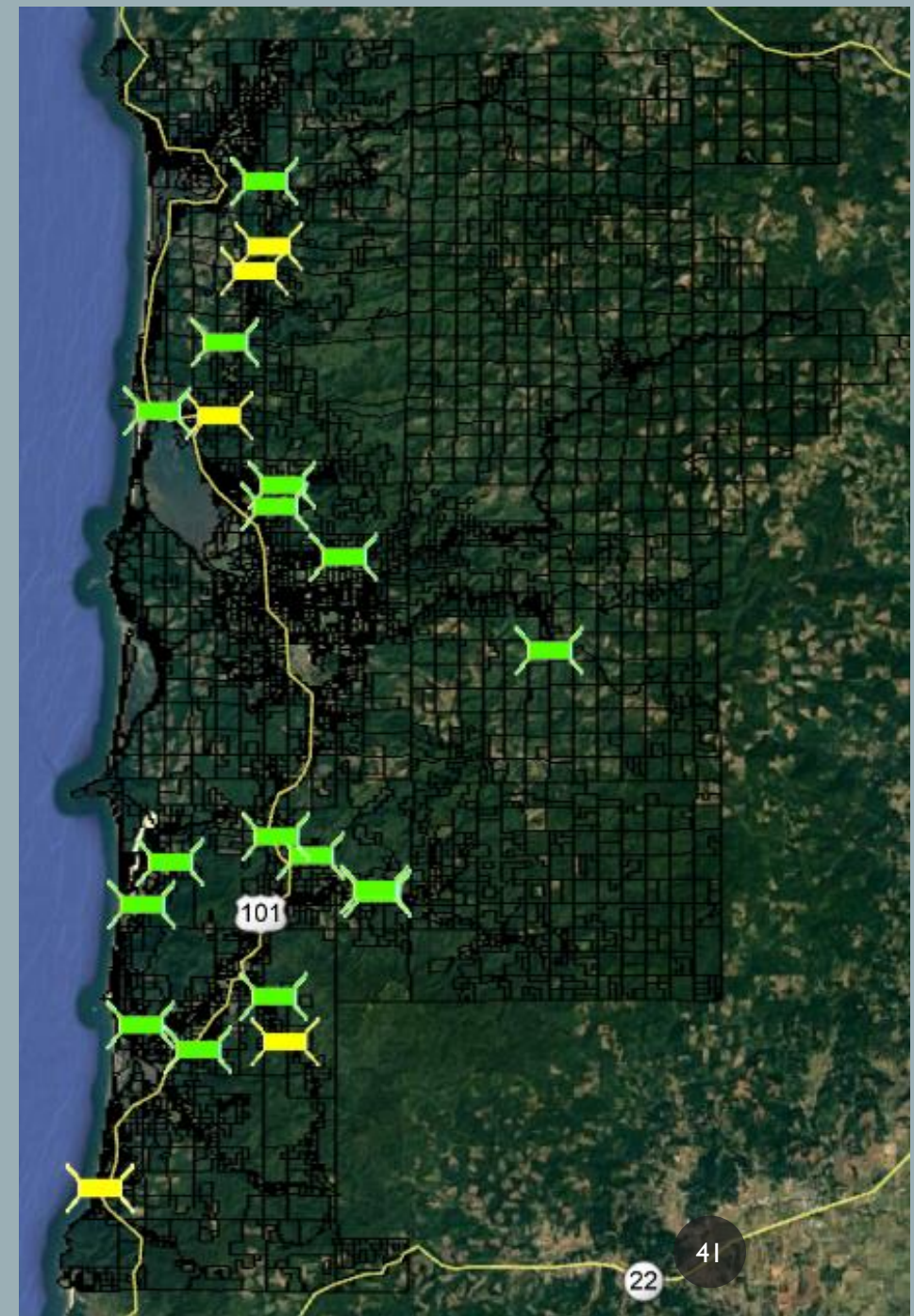
Bridge Repairs

- Prince Bridge (Blum Ln)
- Margarell Bridge (Blaine Rd)
- Hushbeck Bridge (Learned Rd)
- Pacific City (Beachy) Bridge (Pacific Ave)



New Bridges of Tillamook County 2017-2022

- Lommen Bridge (ODOT) 2017
- **Crystal Creek (FHWA) 2022**
- **Dry Creek (FHWA) 2022**
- Peterson Creek (SSH) 2020
- Harborview Drive (FEMA) 2018
- Mapes Creek (SSH) 2018
- Curl Bridge (ODOT) 2019
- Sollie Smith (FEMA) 2018
- **Illingsworth Creek (SSH) 2022**
- **Green Creek (SSH) 2022**
- **Samson Creek (SSH) 2022**
- S.F.Trask (ODOT) 2019
- Bear Creek (SSH) 2019
- Holgate Bridge (ODOT) 2020
- Blankenship (SSH) 2017
- Boulder Schrock (SSH) 2018
- Jewell Creek (SSH) 2019
- Whalen Island (ODOT) 2018
- Resort Drive Viaduct
 - (FEMA) 2017
- Cedar Creek (ODOT) 2019
- **Big Trout (ODOT) 2022**
- Clear Creek (ODOT) 2020
- **Butte Creek (Various) 2021**
- **Hawk Creek (Various) 2021**



BUDGET FY 2021-2022

- State Highway Fund Projections
 - \$2.78 million (ODOT forecast date 1-22-2021)
- Surface Transportation Block Grant (Federal)
 - \$355k
- USFS
 - \$88k or \$396k (depending on reauthorization of Secure Rural Schools)
- Transient Lodging Tax
 - \$1 million

FUTURE PROJECTS

Projects 2021

- Carried over from 2020 Paving
 - Miami Foley (end by Hwy 101)
 - McCormick Drive (by digester)
- Crack Seal (2 weeks)
- Paving/Chip
 - Sandlake – Whiskey Creek Warranty
 - Blaine Road (up to 2nd bridge)
 - Bunn Creek tied to Blaine
 - Alderbrook
- Culverts
 - Miami Foley & Blaine Roads are the focus
- Bridges
 - 6 in design – cnst in 2022
- Masticator Head & Ditchpro

Projects 2022

- Crack Seal (2 weeks)
- Masticator Head & Ditchpro
- Paving/Chip
 - TBD
- Culverts
 - TBD
- Bridges
 - Crystal Creek
 - Dry Creek
 - Bay Ocean
 - Illingsworth Creek
 - Samson Creek
 - Green Creek
 - Big Trout
 - NEE

Paving List

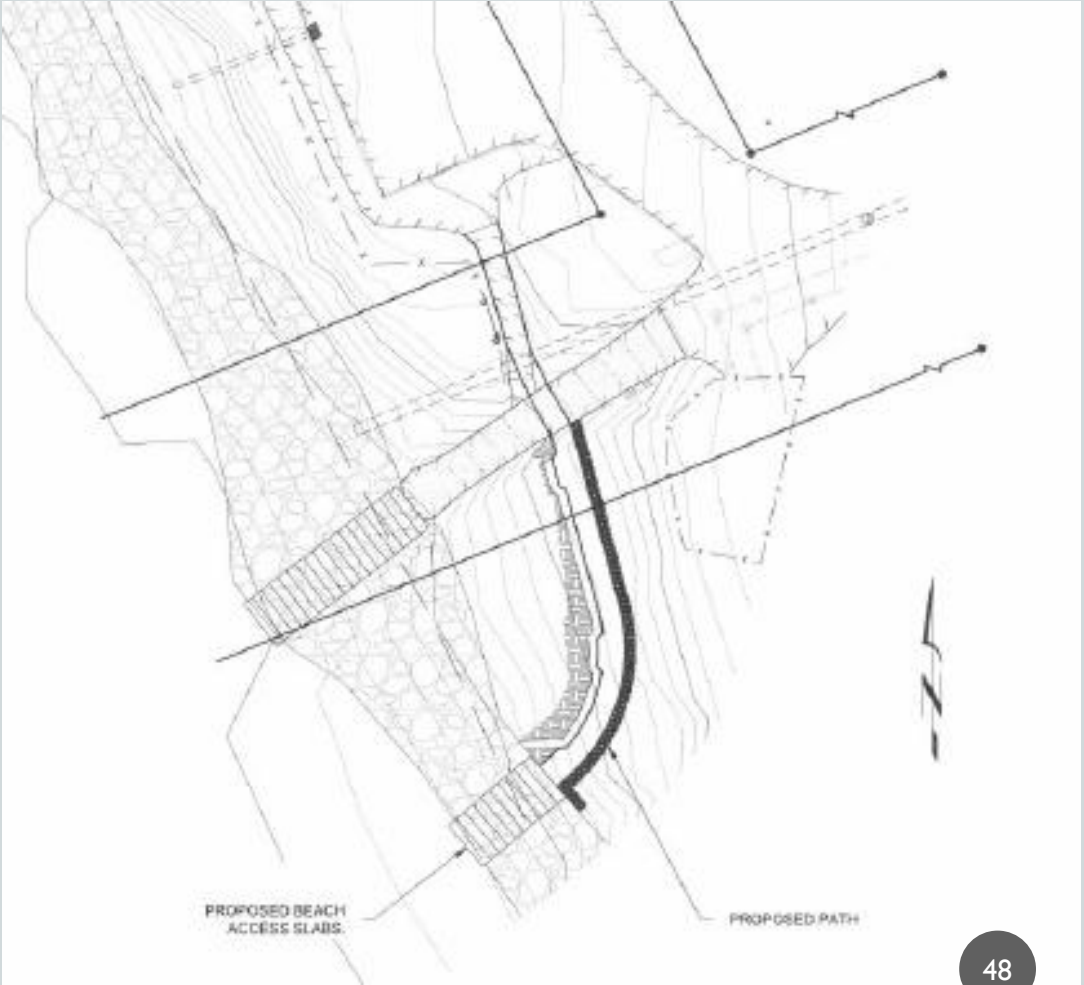
- Road Classification
- First Responder Request
- Pavement Condition Inventory
- Remaining Service Life
- Importance to Business
- Heavy Vehicle Loading
- Tie with other Projects
- Funding Partner
- Repeating / Consistent Problems
- Sole Access < 3 Homes / Businesses
- Sole Access > 3 Homes / Businesses
- Local Support
- Safety Concerns
- Foreman Adjustment

Neskowin Emergency Egress Summer 2021-2022

- Residents
- Tillamook County Public Works
- Pacific Marine & Estuarine Fish Habitat Partnership (PMEP)
- Tillamook County
- Oregon Regional Solutions
- State of Oregon
- USFWS
- ODFW



Oceanside Ramp Fall 2021



Kilchis House Fall 2021



Cape Meares Loop Road (FHWA – TCPW)
Fall/Winter 2021 (tree removal)
Summer 2022-2023



2015/2016 Bay Ocean Road Culvert Summer 2022



Miami Foley Culverts:
MP 7.6 Dry Creek, MP 8.8 Crystal Creek
New Bridges Summer 2022

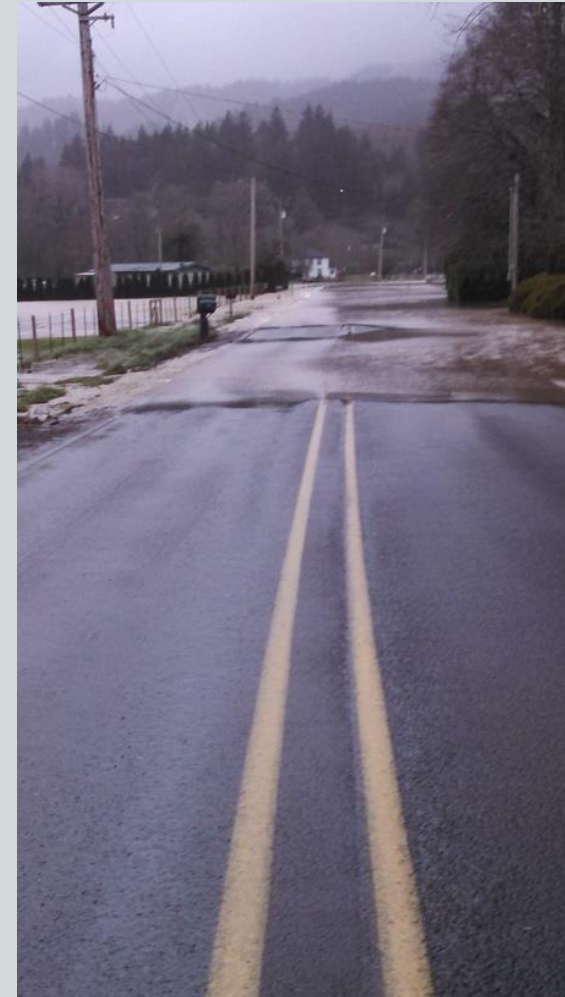


Three Slides (FEMA – TCPW)

- Old Wheeler Mohler
- Hadley Road
- East Creek



2015
Wilson River Loop (N-S) Hydrology Study
(FHWA – ODOT – TCPW)



PARKING ISSUES

- Pacific City RFP to design up three parking lots

Fleming Ave.



END OF MTG