

AGENDA

CLALLAM COUNTY TRAILS ADVISORY COMMITTEE

Clallam County Courthouse, Room 160
223 East 4th St Port Angeles, WA
November 3, 2021 - 1:30 p.m.

****ATTENTION****

In response to the current pandemic, to promote social distancing, and in compliance with Governor's Proclamation and the recommendation of the Clallam County Health Officer, the Trail Advisory Committee meetings will be virtual only.

This meeting can be viewed on a live stream at this link: <http://www.clallam.net/features/meetings.html>

If you would like to participate in the meeting via Zoom audio only, call 1-253-215-8782 and join with Meeting ID: 938 0529 7962 and passcode: 12345

If you would like to participate in the meeting via Zoom video conference, visit <https://zoom.us/join> and use Meeting ID: 938 0529 7962 and passcode: 12345

Public comment and questions can be directed to County Public Works-Roads at 360-417-2290 or sgray@co.clallam.wa.us

A. WELCOME/CALL TO ORDER/ROLL CALL

B. REQUEST OF MODIFICATIONS/ADDITIONS TO AGENDA

C. APPROVAL OF MEETING MINUTES: October 6, 2021

D. ANNOUNCEMENTS AND REPORTS

Opportunity of sharing among members on announcements and reports related to the Olympic Discovery Trail (ODT), Olympic Adventure Trail (OAT), other County trails, or of general interest in regards to trails and non-motorized transportation.

E. DISCUSSION AND BUSINESS ITEMS

1. De-Briefing on the Board of County Commissioners Work Session on the ODT held October 25.
2. ODT- Restroom Facilities and Sponsors/Owners.
3. Final opportunity for TAC review of Draft Clallam County Six-Year Transportation Improvement Program (2022-2027) related to the ODT.

F. TRAIL PROJECT REPORTS & UPDATES

1. ODT--Clallam County East-End Project Updates
2. ODT--Clallam County West-End Project Reports
3. Other Trail Project Reports

G. TRAIL MAINTENANCE REPORTS

1. ODT County Volunteer Trail Crew September Project Reports
2. ODT County Maintenance August Project Reports
3. Other Trail Maintenance Reports

H. PUBLIC COMMENT

I. ADJOURNMENT

Members: Andy Stevenson, Jennifer Reandeau, Justin Zarzeczny (Dept. of Natural Resources), Gary Gleason, Dick Gritman, Kat Sample, Charlie Commeree, Gordon Taylor, Erik Rohrer, Bill Biery, Richard Bloomer, and Jim Mraz.
Ex-officio Members: Steve Gray (Clallam County Public Works/Road Department), and Bill Peach (Clallam County Commissioner)

Clallam County Trails Advisory Committee (TAC)
October 6, 2021 Meeting Minutes

WELCOME/INTRODUCTIONS

The meeting was called to order and conducted via video/phone conferencing.

Members Present: Andy Stevenson, Jennifer Reandeau, Justin Zarzezcny, Gary Gleason, Dick Gritman, Kat Sample, Charlie Commeree, Gordon Taylor, Bill Biery, and Jim Mraz.

County Representatives: Steve Gray, County Public Works/Road Department

Guests: Hannah Merrill, Parks Supervisor, Clallam County Parks, Fairs & Facilities

Jamestown S' Klallam Tribe: Wendy Clark-Getzin, Transportation Program Manager,
Jamestown S' Klallam Tribe

MODIFICATIONS/ADDITIONS TO AGENDA: None

APPROVAL OF MINUTES: Bill Biery moved and Gordon Taylor seconded approval of the September 1, 2021 meeting minutes, which were approved with all in favor.

ANNOUNCEMENTS AND REPORTS:

Chair Stevenson summarized his recent conversation with a dispatcher at Bill's Plumbing regarding how they respond to complaints related to the port-a-pots they maintain under contract with various sponsors along the Olympic Discovery Trail (ODT). He noted that Bill's Plumbing indicated they have not been receiving complaints, but that they would respond to a complaint if needed before the next regular-scheduled maintenance visit.

Chair Stevenson thanked Mr. Taylor for developing an inventory of ODT restroom facility locations. Mr. Taylor noted that the Peninsula Trails Coalition (PTC) recently had the port-a-pot located at the 18th Street Trailhead in Port Angeles removed due to repeated vandalism. Chair Stevenson inquired with staff whether the TAC will receive a listing of ODT restroom facilities with ownership information. Mr. Gray responded that the list should be available for the November meeting.

Mr. Zarzezcny reported that the Department of Natural Resources (DNR) will be opening the gate off of Karpen Road to the PA-I—1000 DNR access road for hunting access around October 15 for about a month. The Olympic Adventure Trail (OAT) crosses and parallels this forest access road.

DISCUSSION ITEMS:

1. Draft Clallam County Six-Year (2022-2027) Transportation Improvement Program (TIP) Provisions Related to the Olympic Discovery Trail (ODT)

Mr. Gray gave a slide presentation on the Draft Six-Year TIP focused on ODT projects that covered the ODT-Forks to La Push project that is underway, and planned, currently unfunded ODT projects such as ODT-Waterline Road improvements and completing the trail in the remaining ODT gaps in Clallam County. He also reviewed the upcoming public meeting schedule on the Draft TIP that includes:

- October 18, 2021: County Commissioner Work session
- October 20, 2021: Planning Commission Work session
- November 3, 2021: Planning Commission Public Hearing
- November 23, 2021: County Commissioner Public Hearing

Chair Stevenson inquired whether the ODT-Waterline Road Improvement Project was the only planned, unfunded project listed in the Draft TIP. Mr. Gray noted that completing the remaining ODT trail gaps (i.e., Joyce East, Joyce West and Sappho to Forks Gaps) will be reflected in the Draft Six-Year TIP as planned, unfunded projects. He also reported that the Draft TIP contains a planned, funded project line that establishes a limited expenditure of \$50,000 per year for potential trail corridor acquisition opportunities in any gap. Chair Stevenson supported this approach.

Wendy Clark-Getzin inquired whether the County was targeting applying for additional Federal Lands Access Program (FLAP) funding for the ODT- Forks to La Push project or other ODT projects. Mr. Gray first introduced Wendy to the TAC as the new Transportation Program Manager for the Jamestown S' Klallam Tribe assuming the duties of Annette Nesse who retired. Mr. Gray responded to the question that it was his understanding that the County will not need to apply for additional FLAP funding to support the higher project costs by Western Federal Lands (WFL), and the project was approved with a phased approach to funding trail construction. Mr. Gray also noted that the County may in a future FLAP grant round target improvements to the ODT-Waterline Road connector between the ODT-Gossett Road section and ODT-Spruce Railroad in Olympic National Park.

Charlie Commeree asked in what years the County will start work in the three ODT trail gap areas. Discussion on the challenges (e.g., funding, landowner interest), timing and priorities of closing the three gaps followed. Mr. Gray noted that the County's focus over the next few years will be the ODT-Forks to La Push, but will pursue opportunities to secure trail corridor in these gaps as funding and landowner interests allow. For example, a near-term priority for the limited funding available would be to secure the remaining trail corridor needed between the ODT-Elwha Bridge and Place Road.

2. October 25 Board of County Commissioner ODT Work session

Discussion was had on messages the TAC may want Mr. Gray to convey at the upcoming work session the County Public Works/Roads Department will hold with the Board of County Commissioners on October 25. Mr. Gray noted the work session will focus on recent accomplishments, what's next, and maintenance. The TAC identified the following maintenance challenges to convey to the Board:

- Approaching end of life issues on the 30-year old chip seal sections of the trail in eastern Clallam County. No funds are in place now and the cost of replacement is high.
- Trail surface repair needs related to root bumps, cracks and subsidence that occur in various places throughout the trail system.

The TAC discussion overall acknowledged the incredible amount of maintenance already being performed by the County, volunteers and other jurisdictions, but noted much more investment in maintenance is needed to extend the lifespan of current trail facilities and to avoid issues that result from deferred maintenance such as along the ODT-Port Angeles Waterfront section.

TRAIL PROJECT UPDATES/REPORTS

1. ODT-Dawley Road Area Trail Stabilization and Restoration Project

Mr. Gray reported the project was completed and the trail section reopened on October 1 following installation of the fence along the top of the new constructed wall. He shared photos that illustrated

before/after conditions and highlights of key project work stages. Mr. Biery asked how many bags were used to construct the wall, and will the restored trail section be hard-surfaced. Mr. Gray responded that the wall is comprised of over 2,000 bags and that the restored trail surface was hardened by the County using asphalt grindings. Mr. Gray also noted that the County has extra bags that may be incorporated into future ODT or OAT maintenance and repair projects.

2. ODT-Clallam County East-End Projects

Ms. Clark-Getzin reported that the Jamestown S' Klallam Tribe (JSKT) plans to improve and pave the ODT-Pierce Road to Old Blyn Highway now in the summer of 2022. The work will be done by Jamestown Excavation. She also reported on status of JSKT effort related to the permanent repair of the ODT-Dean Creek Bridge. Chair Stevenson recommended that steps be taken now for temporary improvements to the Pierce Road to Old Blyn Highway segment to address soft spots in the dirt/gravel surface that are of particular concern for narrow tired bicycles.

In regards to the ODT-Dean Creek Bridge Project, noted that the prior work done by the County and a tremendous volunteer effort to raise the bridge, construct the temporary wood crib support, build the rock wall, and fill in the large scour hole was a temporary fix. In addition, the County applied for permits and JSKT dug out a channel last year to direct the main stream away for the bridge abutment. The channel is still functioning.

3. ODT-Clallam County West-End Project Updates

Mr. Gray reported that the state grant for approximately \$905,000 for trail corridor acquisition for the ODT-Forks to La Push Project is now under contract. He also reported that the County has received the completed appraisal for the first 7.5 miles of the corridor needed to be acquired between US 101 and Ballard Road and that the overall appraisal value is within the projected costs.

TRAIL MAINTENANCE REPORTS

1. County Thursday Volunteer Crew September/October Projects

It was reported that the County Volunteer Crew held three work party days. Two of these work days were doing brush work on sections of the OAT and the other work day was assisting with installing the fence at the ODT repair project near Dawley Road. Tomorrow the volunteer crew plans to address trail repairs around M.P. 16 on the OAT.

2. County Maintenance Report Summary for September/October

Mr. Gray noted typical maintenance occurring this time of year such as brushing and surface cleaning. He also highlighted a fence repair project on the ODT-Gossett Road section and work by the Sheriff Chain Gang on corridor brushing between Kitchen-Dick and Carlsborg Roads.

3. Other Reports

Ms. Getzin reported on JSKT floodplain restoration efforts in the vicinity of the Dungeness River Center that will also benefit the ODT. Ms. Getzin will plan to provide a briefing on this project at the TAC meeting in November.

PUBLIC COMMENTS

Dave Lasorsa asked if Gordon Taylor could touch upon the City of Port Angeles waterfront repair project. Mr. Taylor summarized efforts to-date such as rock work on the waterward side, but that the contractors had not started yet any maintenance and repair work on the bluff side. Mr. Lasorsa noted the repair/maintenance work is under a \$200,000 cap contract.

ADJOURNMENT

Olympic Discovery Trail Restroom Facilities¹

Trail Location	Type ²	Sponsor or Owner
Diamond Point Road Trailhead	Chemical Toilet	Jamestown S' Klallam Tribe
US 101 Sequim Bay Overlook/Rest Area	Vault Toilet	Jamestown S' Klallam Tribe
Sequim Bay State Park	Fully-plumbed Restroom (several locations near ODT)	State Parks
Whitefeather Way/Johnson Creek Trestle Crossing	Chemical Toilet	Peninsula Trails Coalition
Carrie Blake Park	Fully-plumbed Restroom	City of Sequim
Dungeness River Center	Fully-plumbed Restroom	Jamestown S' Klallam Tribe
Carlsborg (west-side of Carlsborg Road)	Fully-plumbed Restroom	Clallam Co. Public Works/Roads Dept.
Adjacent to Sequim Airport	Chemical Toilet	Sequim Airport
Robin Hill Park	Chemical Toilet	Clallam Co. Parks, Fair & Facilities Dept.
Old Olympic Highway (between Lewis & Spring Roads)	Chemical Toilet	Peninsula Trails Coalition
Pristine Lane Area (between Lake Farm and Gasman Roads)	Chemical Toilet	Clallam Co. Public Works/Roads Dept.
Bagley Creek Road Area	Chemical Toilet	Clallam Co. Public Works/Roads Dept.
US 101 Deer Park Rest Area	Vault Toilet	Clallam Co. Public Works/Roads Dept.
Port Angeles City Pier	Fully-plumbed Restroom	City of Port Angeles
Clallam Transit Station	Fully-plumbed Restroom	City of Port Angeles
Port Angeles Marina	Fully-plumbed Restroom	Port of Port Angeles
Port Angeles ODT 18 th Street Trail Head	<i>Chemical Toilet (recently removed due to vandalism)</i>	Peninsula Trails Coalition
Adventure Trail Near Dan Kelly – Colville Road Parking Area	Chemical Toilet	Back Country Horsemen
Spruce Railroad Lyre River/East Beach Trailhead	Vault Toilet	Olympic National Park
Top of Fairholm Hill west of Lake Crescent (north of US 101)	Chemical Toilet	Peninsula Trails Coalition
Camp Creek Trailhead (near Cooper Ranch Road Crossing)	Vault Toilet	Maintained by U.S. Forest Service and Back Country Horsemen

¹ These are public restrooms along or in close proximity to the Olympic Discovery Trail. Not shown are vault toilets at 2nd and 3rd Beach maintained by Olympic National Park and a vault toilet at Calawah River Boat Launch maintained by Forks that will be along the future ODT-Forks to La Push segment.

²Chemical toilets are port-a-pots that are thru a paid contract between the sponsor and Bill's Plumbing. Bill's Plumbing maintains these port-a-pots under the contract.

Olympic Discovery Trail

PAVED TRAIL



ADVENTURE TRAIL



Olympic Discovery Trail (ODT)

Non-Motorized, Multi-User Trail



The main, paved ODT is being developed to meet ADA Accessibility Guidelines. The Adventure Trail section is not designed to meet ADA guidelines.

Olympic Discovery Trail

Connecting Communities and Destinations Across the North Olympic Peninsula



Map Source: Peninsula Trails Coalition

~ 50 to 60% of Planned, 135-mile Trail Route Now Completed

Olympic Discovery Trail (ODT)

In Clallam County

Trail Route Type	Miles	Description
Paved Separated Trail	~ 56 mi.	~ 33 mi. East of Elwha River ~ 23 mi. West of Elwha River
Unpaved Separated Trail	~0.6 mi.	To be widened & paved Summer 2022
Limited Gravel Access Logging Road	~3.5 mi.	Goal: Improve & pave this ODT-Spruce RR Trail Connector.
Segments on low traffic, Shared Use Roadway (<i>East County</i>)	~5 mi.	City/County local access roads
Segments on low traffic, Shared Use Roadway (<i>West County</i>)	~12 mi.	~ 2 mi. (East of Joyce) + short segment on East Beach Road by Lake Crescent ~10 mi. along Cooper and Mary Clark Roads (Sappho Area)
Trail Gaps Currently Connected by Highways	~ 35 mi.	US 101, SR 112, & SR 110

Olympic Adventure Trail (OAT)

~ 21 miles of natural-tread, single-track trail & ~ 4 miles of gravel roads on state forestlands.

Managed by County Public Works/Roads Dept.

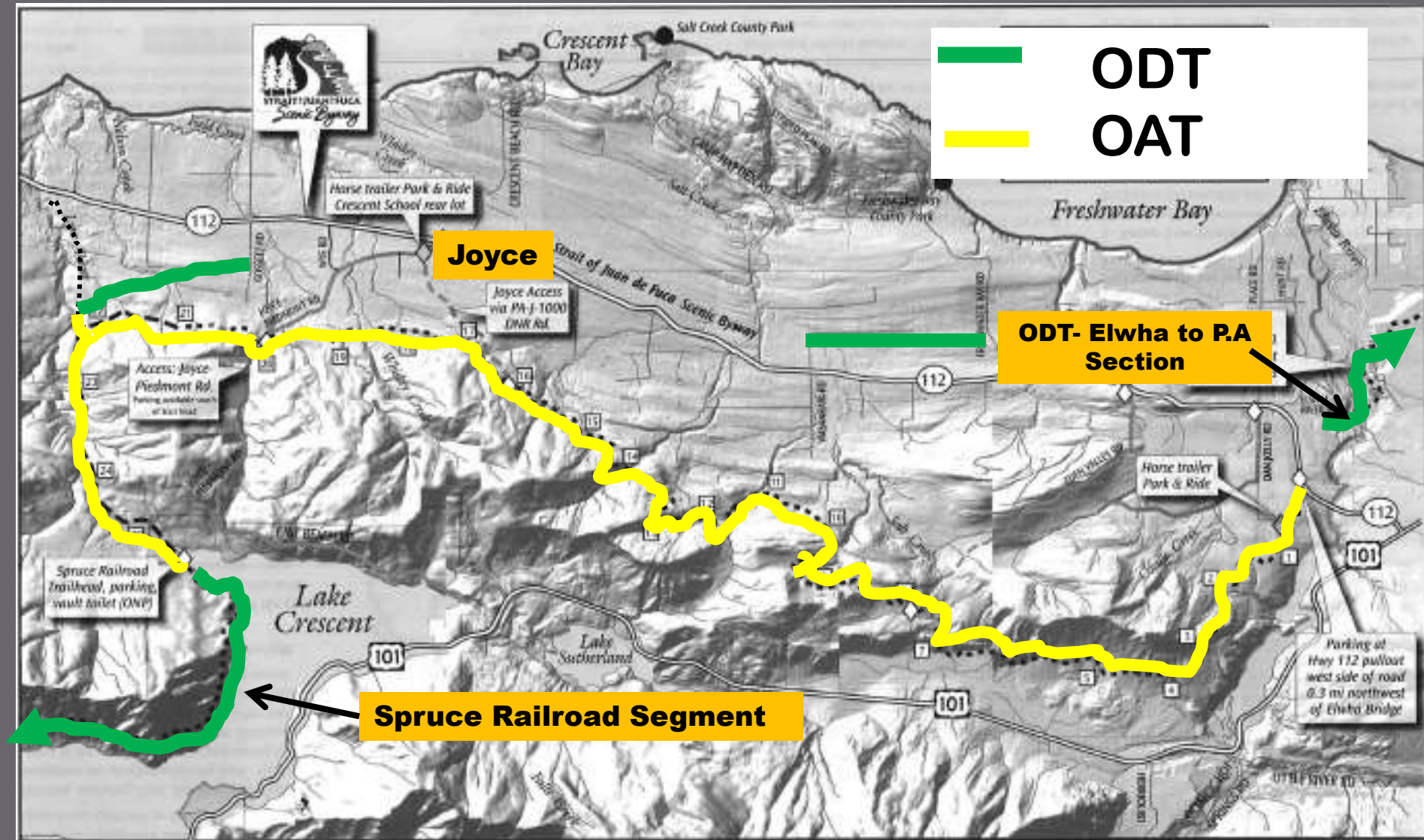
Volunteers are a key part in maintaining.

County's DNR Recreational License: *Expires in 2034*



Olympic Adventure Trail (OAT)

~ 25 miles to ODT-Spruce Railroad Segment



Presentation to Cover

- ▣ Recent Accomplishments
- ▣ What's Next – Filling in the Trail Corridor Gaps
- ▣ Trail Maintenance

RECENT HIGHLIGHTS (2019-2021)

New Trail Sections

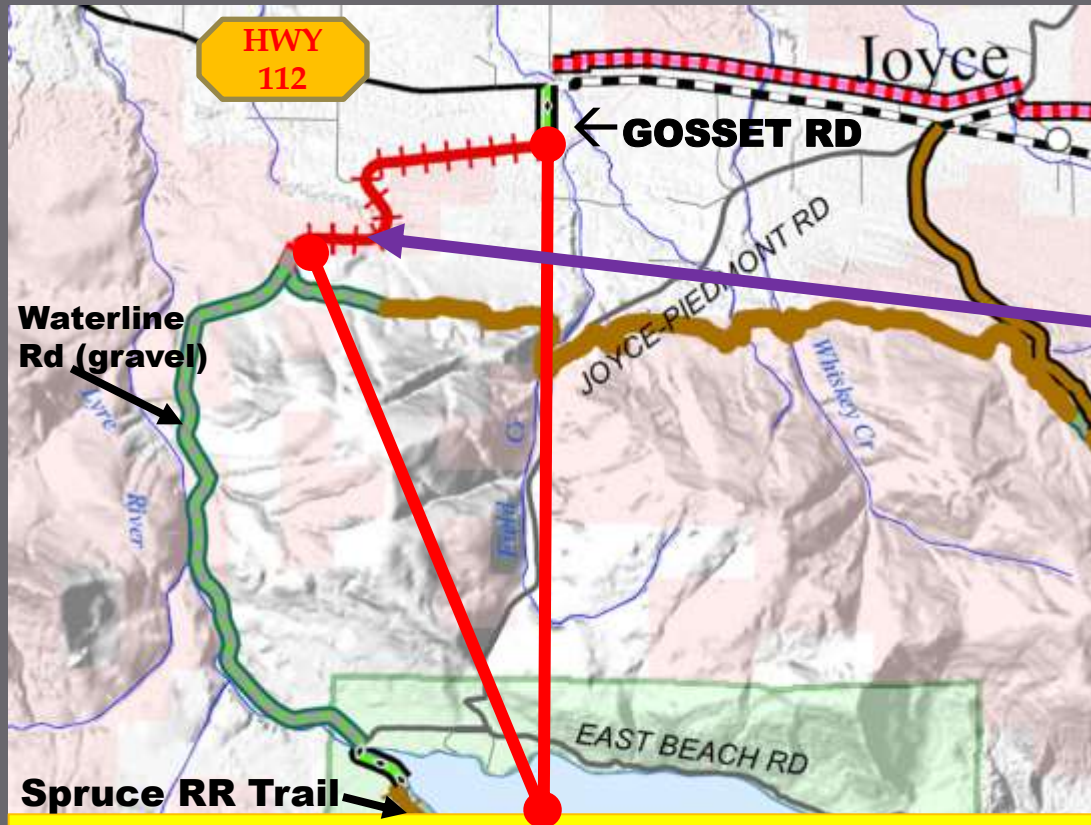
Major Trail Restoration Projects



ODT-Freshwater
Bay Rd to
Thompson Rd
Connector
(~ 1.75 miles)



ODT- Gossett Rd. to Waterline Rd (~1.6 miles)



**\$575,000 from
Local Lodging Tax
Funding**

**ODT-Gossett to Waterline Road Segment
~ 1.6 mile segment along former railroad grade.
Waterline Rd. (gravel forest access) provides a trail
route connection to the ODT-Spruce Railroad
Section around Lake Crescent.**

ODT-Spruce Railroad Trail Segment

Final Phase at Lk. Crescent In Olympic Natl. Park

Completed the ODT around the north shore of Lk. Crescent providing a 10-mile trail alternative for non-motorized users versus US 101.



Opened November 2020

To the East County Line

ODT- Diamond Point Rd. to Old Gardiner Rd. Connector (~500 feet)

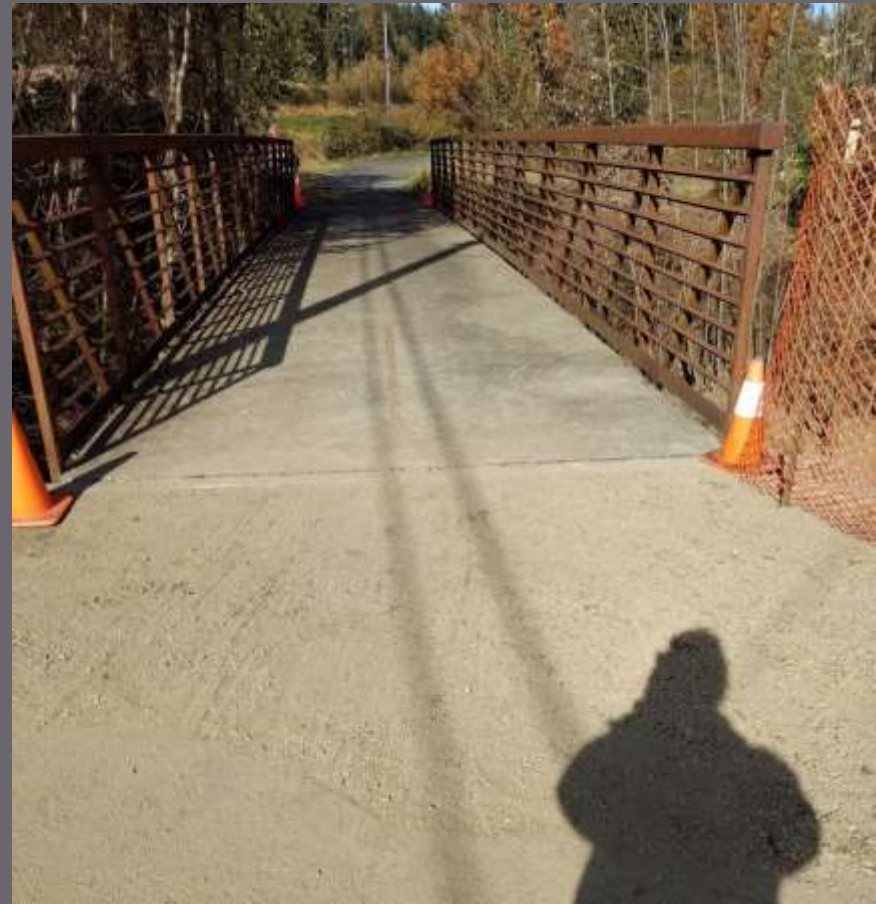


ODT-Diamond Point Road Sidepath

*~ 100 feet Sidepath from 101 Intersection to
Diamond Point Road Crossing*



ODT-Dean Creek Bridge Raising



ODT-Dean Creek Bridge Raising

Six Day Project

- Blackberry Clearing
- Bridge Raising
- Backfill Large Scour Hole
- Rock Protection of Abutment and Cribbing

~ 30 volunteers involved over various phases.

Materials paid for by JSKT and County

Project assistance by County Roads (workers, material delivery, excavator to lift bridge...)



ODT – Repair East of Dawley Rd.

2019



2021



ODT – Repair East of Dawley Rd.

▣ 2019



▣ 2021



ODT-Repair East of Dawley Rd.

Excavating



ODT-Repair East of Dawley Rd. *Building Back Up*



ODT-Repair East of Dawley Rd.

Building the Wall



ODT–Repair East of Dawley Rd. *Final Steps (October 2021)*



2021 Olympic Adventure Trail Motorcycle Barrier Removal Project

BEFORE



AFTER

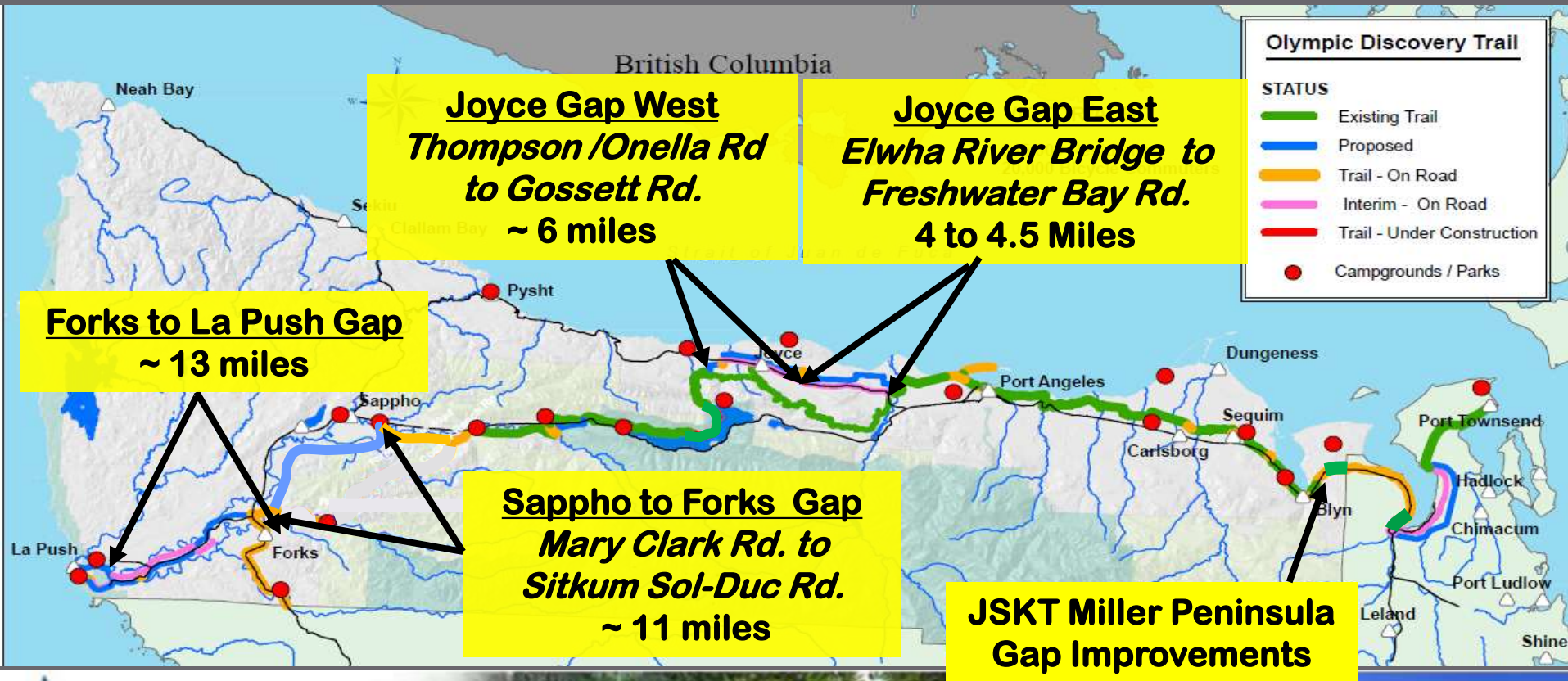


What's Next - Completing the ODT

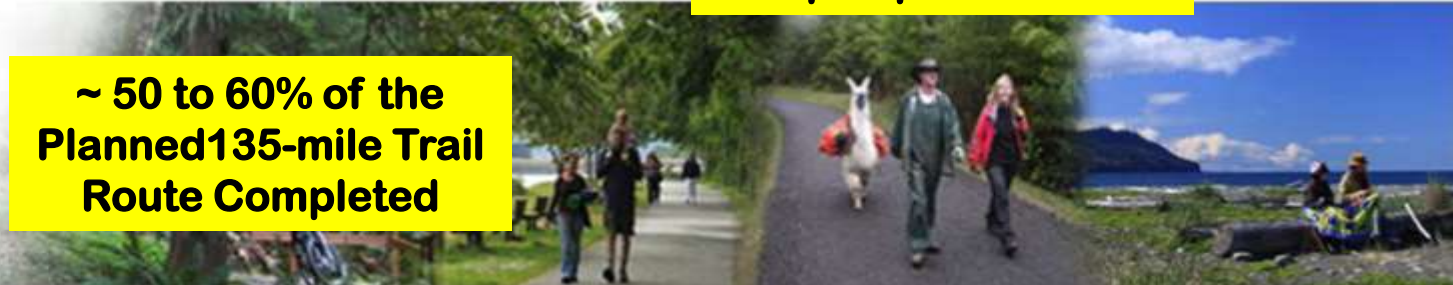
*Filling in the
Trail Corridor Gaps*

Olympic Discovery Trail

Clallam County Major Gaps



~ 50 to 60% of the
Planned 135-mile Trail
Route Completed



Pierce Road to Old Blyn Highway – on Miller Peninsula

Lead: Jamestown S' Klallam Tribe

Project: Widen and Pave current unpaved ODT section on historic railroad grade (~ 0.6 miles)

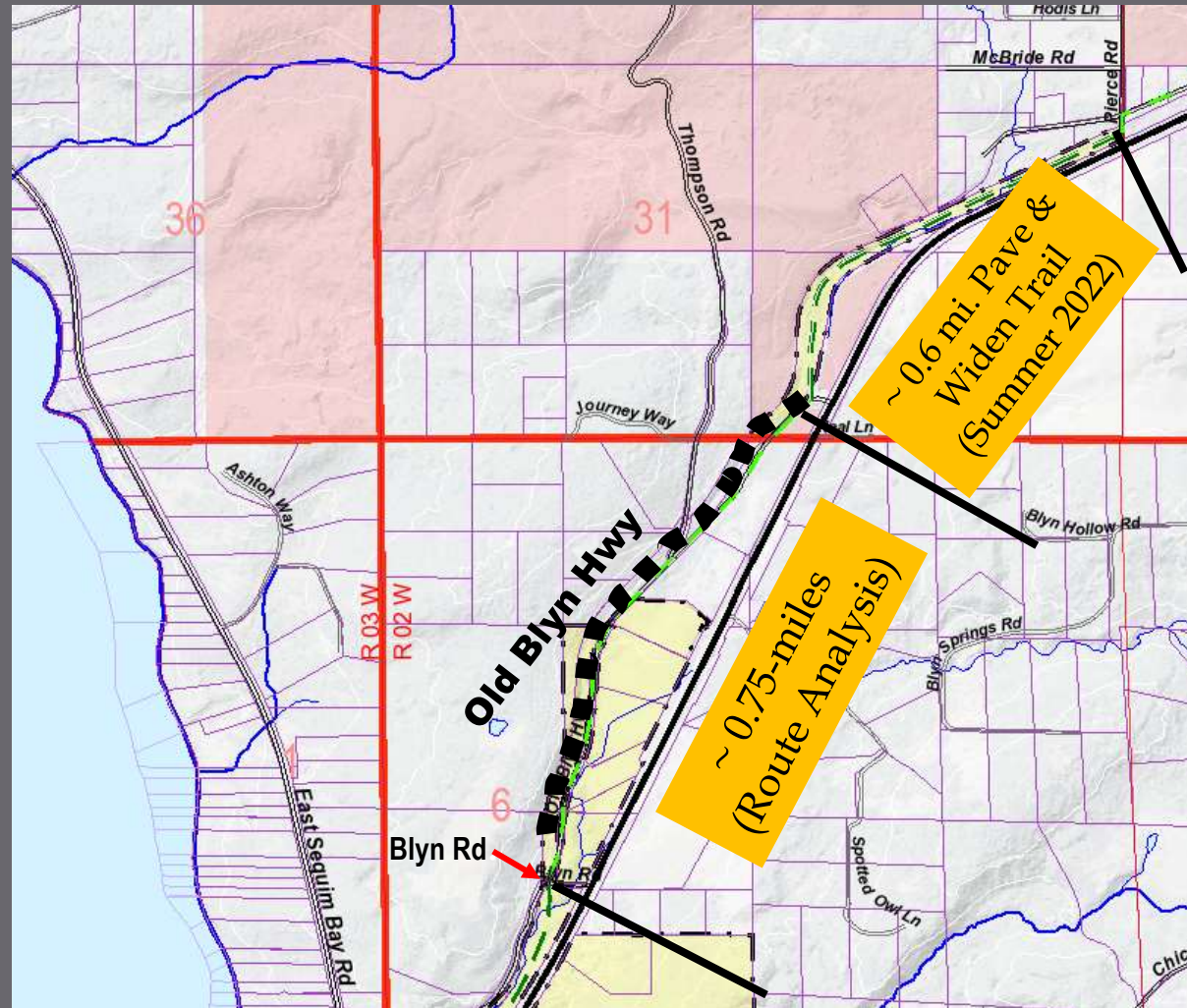
Construction: Summer 2022



Goal: Move ODT Route off of Old Blyn Highway (on Miller Peninsula) onto Separated Trail

Lead: Jamestown S'Klallam Tribe (JSKT)

- ✓ JSKT has funding for preliminary design route analysis
- ✓ JSKT owns (*shown in yellow*) about 50% of adjacent historic Railroad Grade

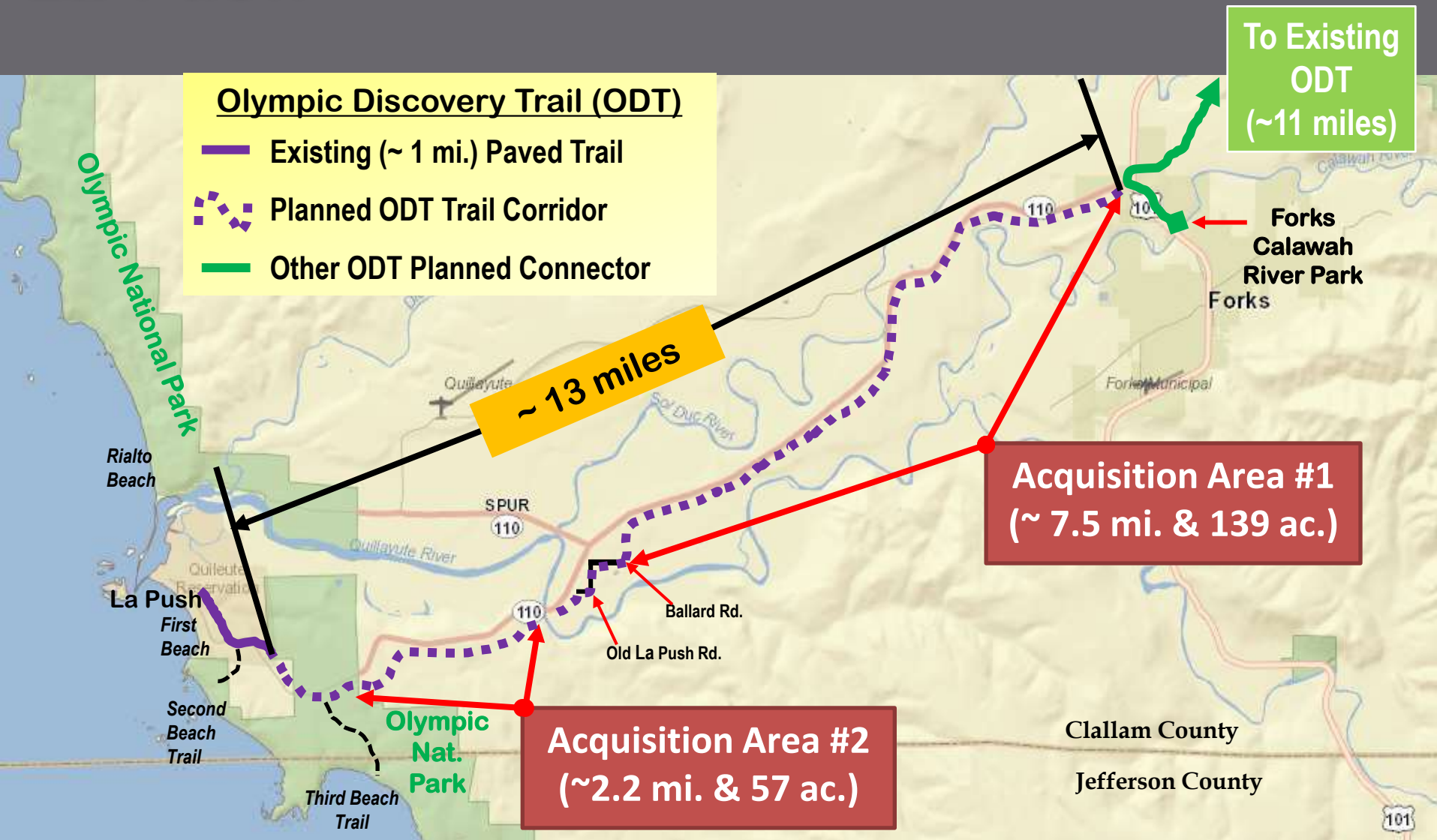


Draft 6-YR Transportation Improvement Program (2022-2027)

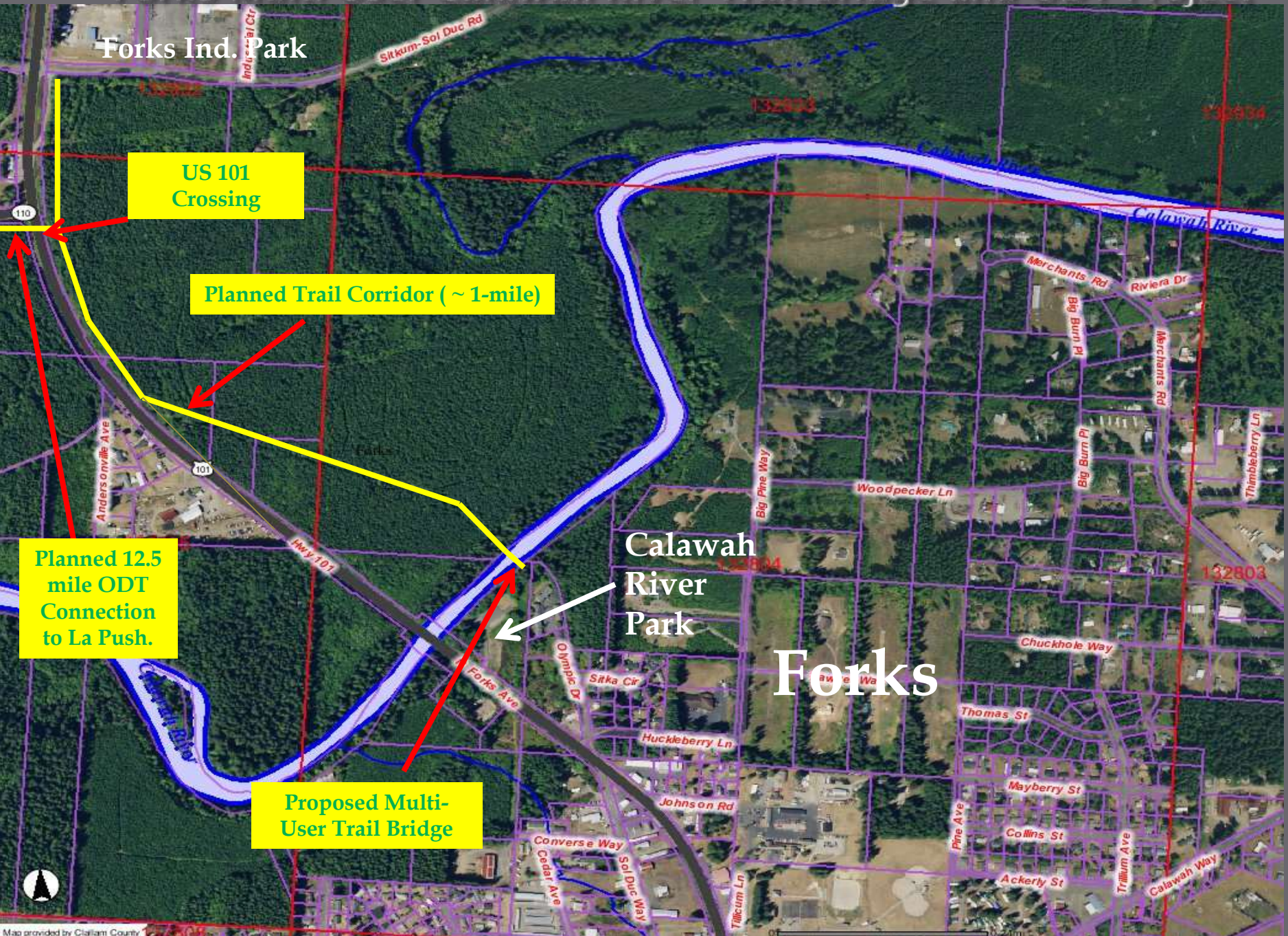
ODT-Planned Funded Projects

PROJECT IDENTIFICATION A.Project/Road Name(Road Log/Bridge No.); [Project No.] B. Beginning and End Milepost (MP) or Termini C. Description of Work D.Total Project Federal, State and/or Other Outside Funding (prior/future)	Functional Class	Improvement Types(s)	Total Length (mi.)	PROJECT COSTS IN THOUSANDS OF DOLLARS												
				Project Phase	Funding Status	Phase Start	FUNDING SOURCE INFORMATION (BY PHASE)						EXPENDITURE SCHEDULE			
							Federal Fund Type	Federal Funds by Phase	State or Other Fund Type	State or Other Funds by Phase	Local Funds by Phase	Total	(LOCAL AGENCY)			
													2022	2023	2024	2025 to 2027
Olympic Discovery Trail (ODT)--Forks Calawah River Park to Sitkum-Sol Duc Road (aka "A" Rd.) [698-1907] Construct ~1-mile Trail & a multi-user Calawah River trail bridge crossing. Federal: TA = \$450,000 + STBG = \$825,000; PRVT= \$300,000	0			PE	S	2021	TA STBG	65	PRVT		10	75	60			
			RW	S	2018						145	145				
			CN	S	2023			1,210		300		1,510		760	750	
						Totals		1,275		300	155	1,730	60	750	750	0
ODT-Forks to La Push Trail Corridor Acquisition [698-2101] Acquire trail corridor between US 101 & Olympic Nat. Park adjacent to SR 110. Costs apply towards local match for design & construction phases. RCO = \$905,456; PRVT = \$20,000	0			PE					RCO			0				
			RW	S	2021					905	302	1,207	670	537		
			CN									0				
						Totals		0		905	302	1,207	670	537	0	0
Olympic Discovery Trail (ODT)--Forks to La Push [698-2101] Design & construct ~ 12-mile, trail from US 101 to existing La Push trail adjacent to SR 110 corridor. Project delivered by Western Federal Lands Highway Division. FLAP=\$5,153,238	0		12	PE	S	2021	FLAP	2,117				2,117				
			RW									0				
			CN	S/P	2025			9,210		372	9,582				372	
						Totals		11,327		0	372	11,699	0	0	0	0
Countywide Olympic Discovery Trail (ODT) Trail Corridor Gap Acquisition [698-1607, 698-2102, 698-2103] Various locations countywide in current ODT gaps.	0			PE												
			RW	S	2022					300	300	50	50	50	150	
			CN													
						Totals		0		0	300	300	50	50	50	150

Olympic Discovery Trail - Forks to La Push

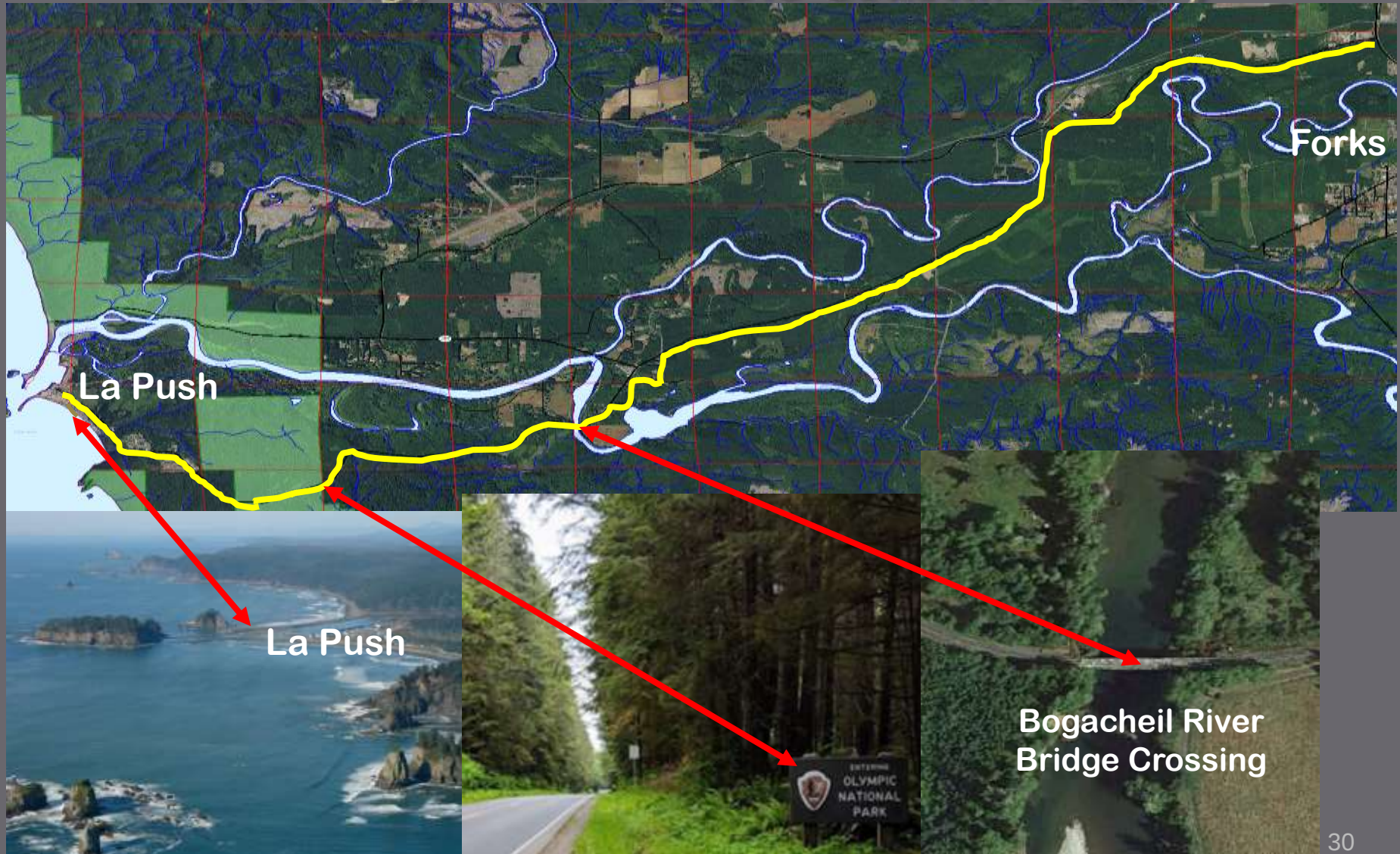


Forks Multi-User Calawah River Trail Bridge and ODT Project



ODT-FORKS TO LA PUSH

Forested Landscape, Major River and National Park Crossing, and Incredible Coastal Scenery



Linkages Between Communities

Project Supports Enhancement of Multi-Modal Transportation System Between Forks and La Push

- Clallam Transit provides service between Forks and La Push along SR 110.
- The planned trail route means trail users will always be close to transit & buses are equipped with bike racks.



Draft 6-YR Transportation Improvement Program (2022-2027)

ODT-Planned Projects (Unfunded)

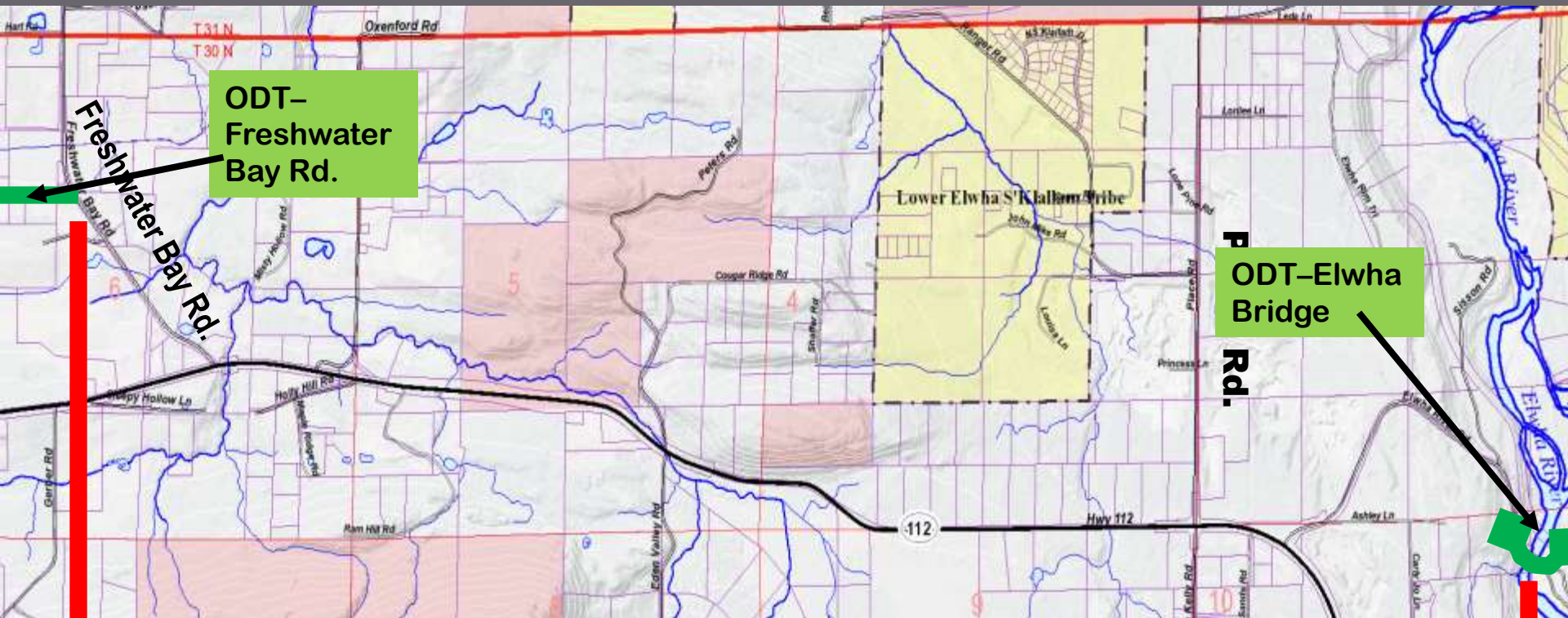
PROJECT IDENTIFICATION A.Project/Road Name(Road Log/Bridge No.); [Project No.] B. Beginning and End Milepost (MP) or Termini C. Description of Work D:Total Project Federal, State and/or Other Outside Funding (prior/future)	Functional Class	Improvement Types(s)	Total Length (mi.)	PROJECT COSTS IN THOUSANDS OF DOLLARS													
				Project Phase	Funding Status	Phase Start	FUNDING SOURCE INFORMATION (BY PHASE)						EXPENDITURE SCHEDULE (LOCAL AGENCY)				
							Federal Fund Type	Federal Funds by Phase	State or Other Fund Type	State or Other Funds by Phase	Local Funds by Phase	Total	2022	2023	2024	2025 to 2027	
Olympic Discovery Trail - Elwha River to Freshwater Bay Road Gap [698-2102] Plan route, acquire right-of-way, and construct a non-motorized, shared use separated trail to close the trail gap west of ODT-Elwha River Bridge to Freshwater Bay Rd.	0	32	4.5	PE	P/U								225				
				RW	P/U								300				
				CN	P/U								2,250				
				Totals				0		0		2,775	2,775				
Olympic Discovery Trail - Thompson/Onella Rd. to Gossett Rd Gap [698-2103] Plan route, acquire right-of-way, and construct a non-motorized shared use trail between the ODT-Thompson/Onella Rd. and Gossett Road sections and connect the ODT to Joyce.	0	32	7.0	PE	P/U								350				
				RW	P/U								500				
				CN	P/U								3,500				
				Totals				0		0		4,350	4,350				
Olympic Discovery Trail - Sappho to Forks Gap [698-1607] Plan route, acquire right-of-way, construct new separated trail, and improve (e.g., pave) existing forest roads to connect the ODT route between Mary Clark Rd (Sappho area) and Forks ("A" road).	0	32	11.0	PE	P/U								310				
				RW	P/U								500				
				CN	P/U								3,100				
													3,910	3,910			
Olympic Discovery Trail - Waterline Rd. Improvements [698-1401] Paving & other improvements (e.g., some widening, drainage) to gravel forest access road to improve trail route surface between the ODT Gossett Road and Spruce Railroad Trail sections.	0	32	3.5	PE	P/U								50				
				RW													
				CN	P/U								1,000				
				Totals				0		0		1,050	1,050				

Funding (costs shown are very preliminary estimates) Needed for:

- "Joyce (East & West)" and the "Sappho to Forks" Gaps
- Improving and paving the Waterline Road connection to the ODT-Spruce Railroad Trail Section.

Joyce Gap East

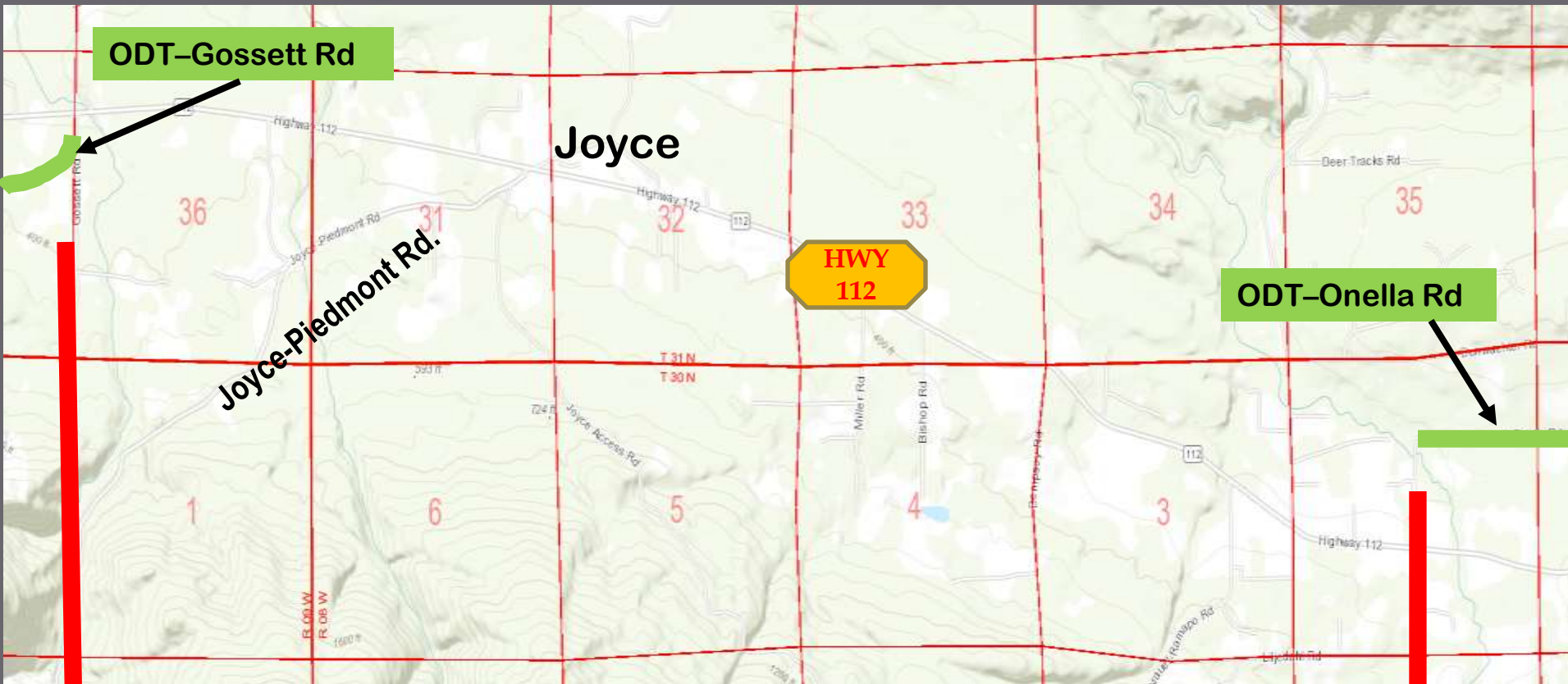
Elwha River Bridge to Freshwater Bay Rd.



4 to 4.5 Miles

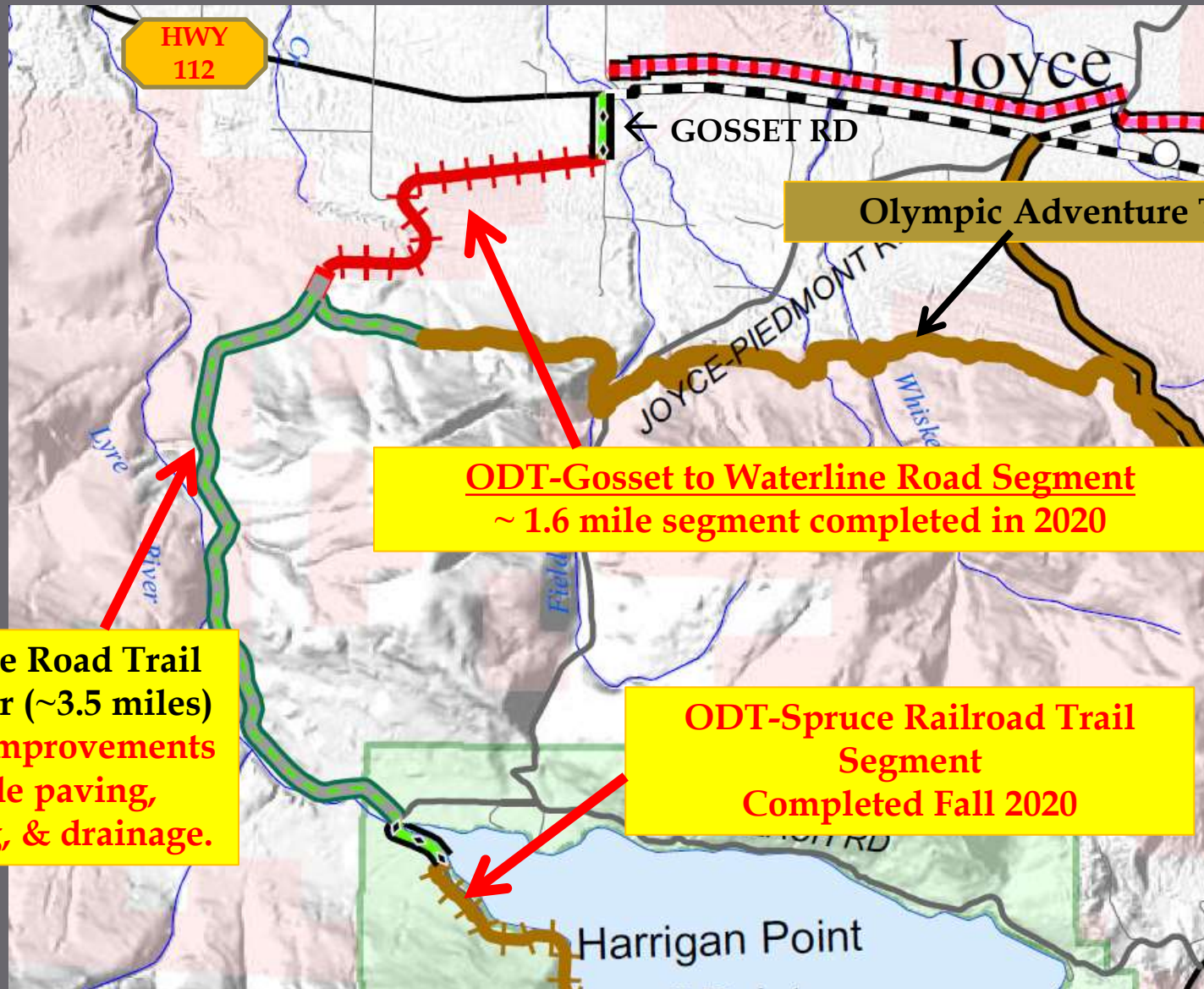
Joyce Gap West

Thompson/Onella to Gossett Rd.



~ 6 miles

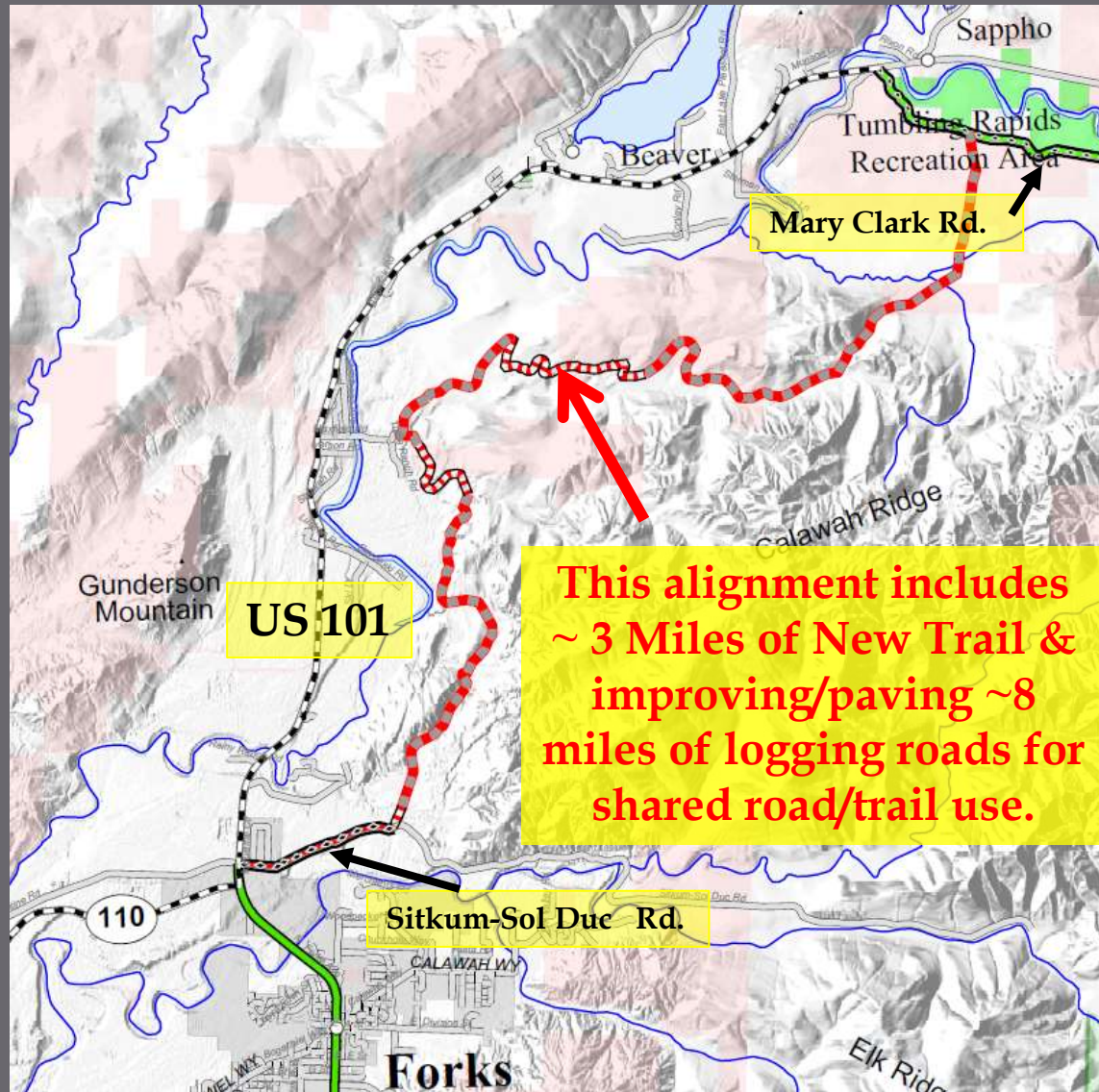
ODT-Waterline Road Segment Improvements



ODT-Sappho to Forks Gap

11 to 14 Mile Gap

Between Mary Clark Rd. Near Sappho to Sitkum-Sol Duc Rd. in Forks



Trail Corridor Maintenance



Who Is Responsible to Maintain *County Managed Sections*

- ▣ Clallam County Public Works/Roads Dept.
 - Dedicated, Full-Time Trail Maintenance Worker & Volunteer Coordinator.
 - Support from all 3 County District Maintenance Crews
 - Engineering Staff Support
 - Management and Administrative Support

We get help from other partnerships.....

Clallam County ODT Volunteer Crew

Year	# of Volunteers	Total Hours
2019	49	3,752
2020	32	1,617
2021	21	1,435 (YTD)



Peninsula Trails Coalition (PTC)

- ✓ Trail Web Site:
olympicdiscoverytrail.org
- ✓ Adopt-a-Trail Program
- ✓ Work Parties
- ✓ Trail Counter Battery Maintenance
- ✓ Route ID Signage & Kiosks
- ✓ Trail Support Structures (e.g., picnic tables, horse dismount, kiosks....)
- ✓ Port-a-Pot Rentals
- ✓ Fundraisers
- ✓ *And much more.....*



Year	Total PTC Volunteer Hours
2020	2,416
2021	2,261 (YTD)

Back Country Horsemen of Washington Peninsula Chapter Volunteer Hours Report Clallam County

October 1, 2020 thru March 31, 2021

		Rate per hour/mile	Total Value
Total Basic Hours	871	\$27.20	\$23,691.20
Total Skilled Hours	45	\$40.80	\$1,836.00
LNT and Education	0	\$27.20	\$0.00
Admin and Public Meetings	0	\$27.20	\$0.00
Travel Time	49	\$27.20	\$1,332.80
Total Hours	965	Hourly Dollar Values	\$26,860.00

Vehicle Mileage	1279	0.95	\$1,215.05
Total Miles	1279	Miles Dollar Values	\$1,215.05

Total Stock Days	0	\$100.00	\$0.00
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Grand Total			\$28,075.05
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Sheriff Chain Gang Workers

Work areas:

- Road Corridor
- Garbage & Illegal dumping
- **Olympic Discovery Trail**
- Other (e.g., County parks)

Funded primarily by:

- County Road Dept.
- State grants (solid waste removal)

Funding Supports:

- Two, full time deputies
- Vehicles & Equipment



Who Else Maintains the ODT?

- ▣ Jefferson County
- ▣ Cities
 - Port Townsend
 - Sequim
 - Port Angeles
- ▣ Jamestown S' Klallam Tribe
- ▣ Olympic National Park

Maintaining the Paved Olympic Discovery Trail (ODT)



Trail Corridor Vegetation Control

Mowing



Noxious Weed Removal



Brush and Limb Cutting



Surface Debris Blowing & Sweeping



Tree and Large Limb Removal



Moss Control



Surface Crack Repairs



Root Damage Repairs



Bollard Maintenance

- ✓ Painting
- ✓ Reflective Tape
- ✓ Pavement Warning Lines
- ✓ Repairs
- ✓ Replacing missing locks & hardware



Graffiti & Garbage Removal



Drainage Maintenance (e.g, ditch cleaning)



ODT – Structures



Sign Maintenance & Replacement



ODT - Support Facilities

TRAIL USER PARKING LOTS



RESTROOM FACILITIES



Numerous Bridges

Big and Small



And So
Much,
Much,
More.....



Olympic Adventure Trail (OAT)

Many UNIQUE
MAINTAINANCE NEEDS
& CHALLENGES from its
paved ODT counterpart.

Volunteer efforts are
especially KEY for OAT
Maintenance & Repairs:

- ✓ County ODT/OAT Volunteer Crew
- ✓ Peninsula Trail Coalition OAT Section Adopters
- ✓ Back Country Horsemen



Olympic Adventure Trail (OAT)

Whiskey Creek Horse Trail Crossing Repair

BEFORE (SEPT. 2020)



AFTER (JAN. 2021)



Olympic Adventure Trail (OAT)

Drainage Repairs



Olympic Adventure Trail (OAT)

Trail Surface Tread & Corridor Clearing



Olympic Adventure Trail (OAT) *Stream & Drainage Crossings*



Olympic Adventure Trail (OAT) *Trail Repairs & Realignment*



Olympic Adventure Trail (OAT)

It's all about using leverage!



Olympic Adventure Trail (OAT) *Using what the Forest Provides!*



And So
Much,
Much,
More.....



Clallam County Road Dept.

General Maintenance Expenditures

2016 - Present

Year	General Maintenance Expenditures*
2016	\$83,256
2017	\$67,110
2018	\$103,875
2019	\$173,020
2020	\$134,762
2021	\$182,420 (YTD)*
6-YEAR TOTAL	\$744,443 (2016 – Sept. 2021)

*Does not include major project repairs such as the recent trail repair and restoration east of Dawley Road.

Maintenance Needs & Challenges

(beyond the routine ongoing maintenance)

- ▣ 25 to 30 year old chip seal surface sections between Morse Creek crossing and the Carlsborg area
 - Older chip seal sections are also only 8-foot wide
- ▣ Root damage and Surface Crack Repairs
- ▣ Localized trail subsidence and/or loss
- ▣ Trail Corridor Vegetation Management
- ▣ Moss Control
- ▣ Bridges & Culverts
- ▣ Signage