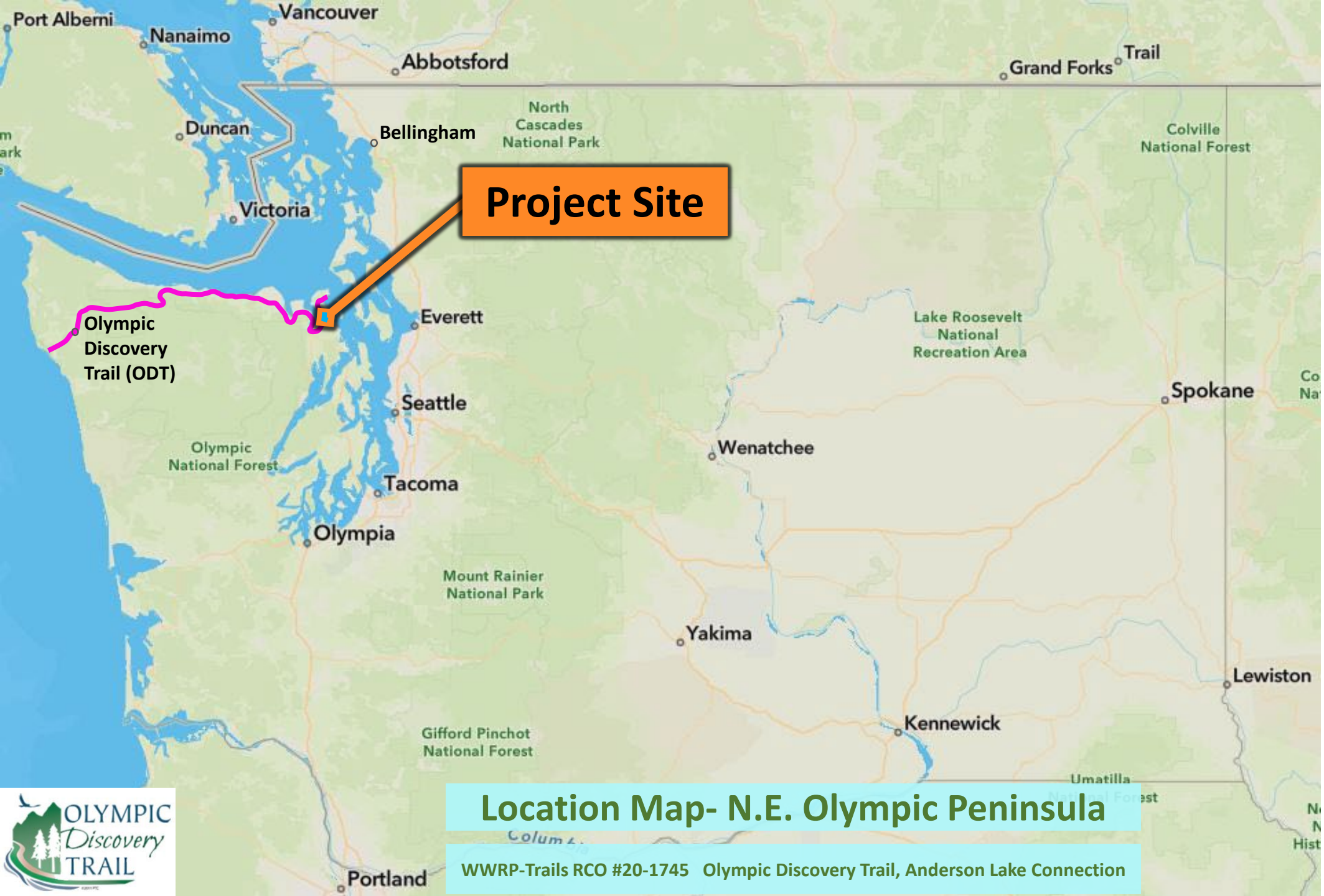
WWRP-Trails RCO #20-1745 Olympic Discovery Trail,

Anderson Lake Connection



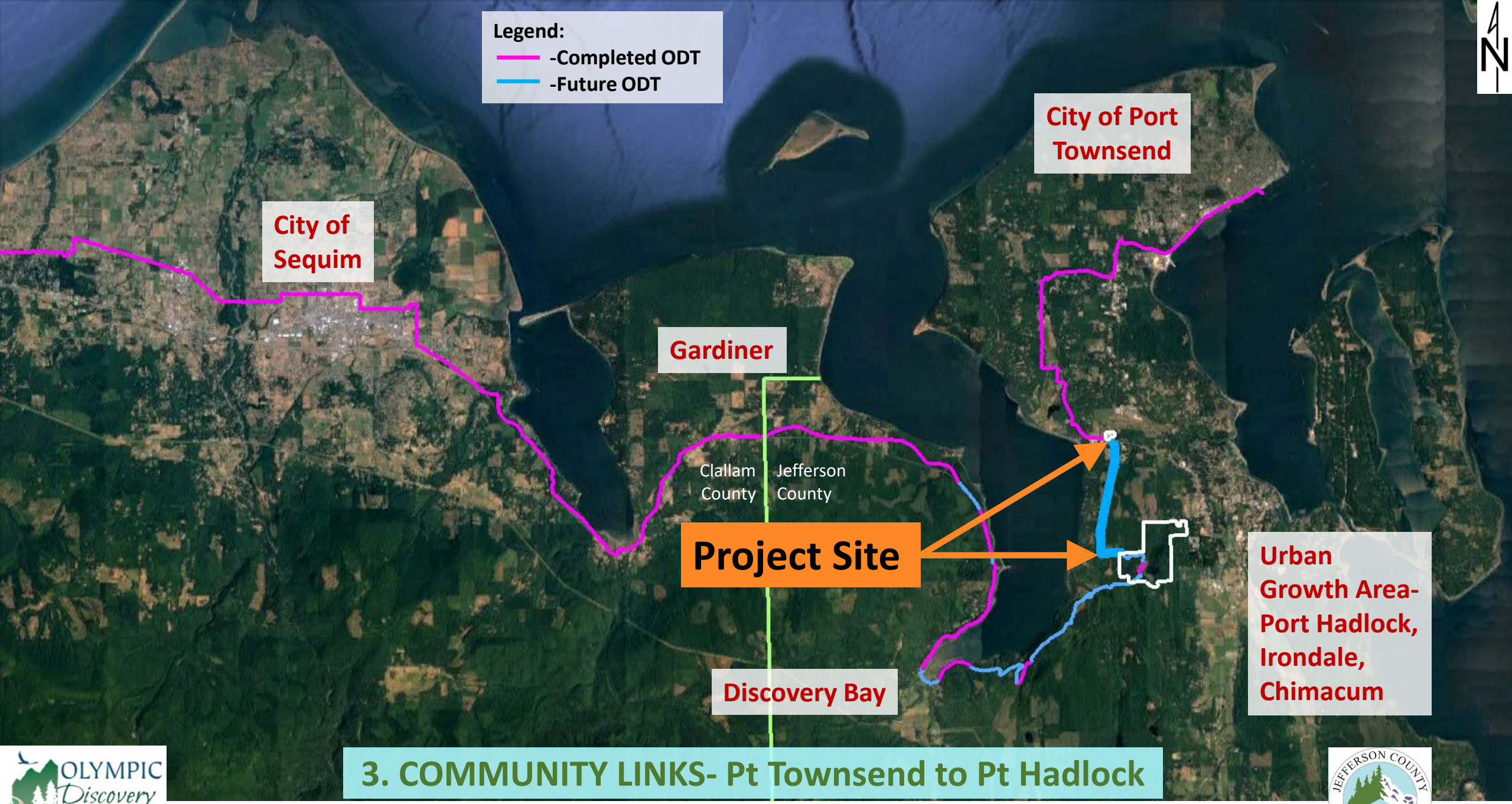
Location Map- N.E. Olympic Peninsula

WWRP-Trails RCO #20-1745 Olympic Discovery Trail, Anderson Lake Connection

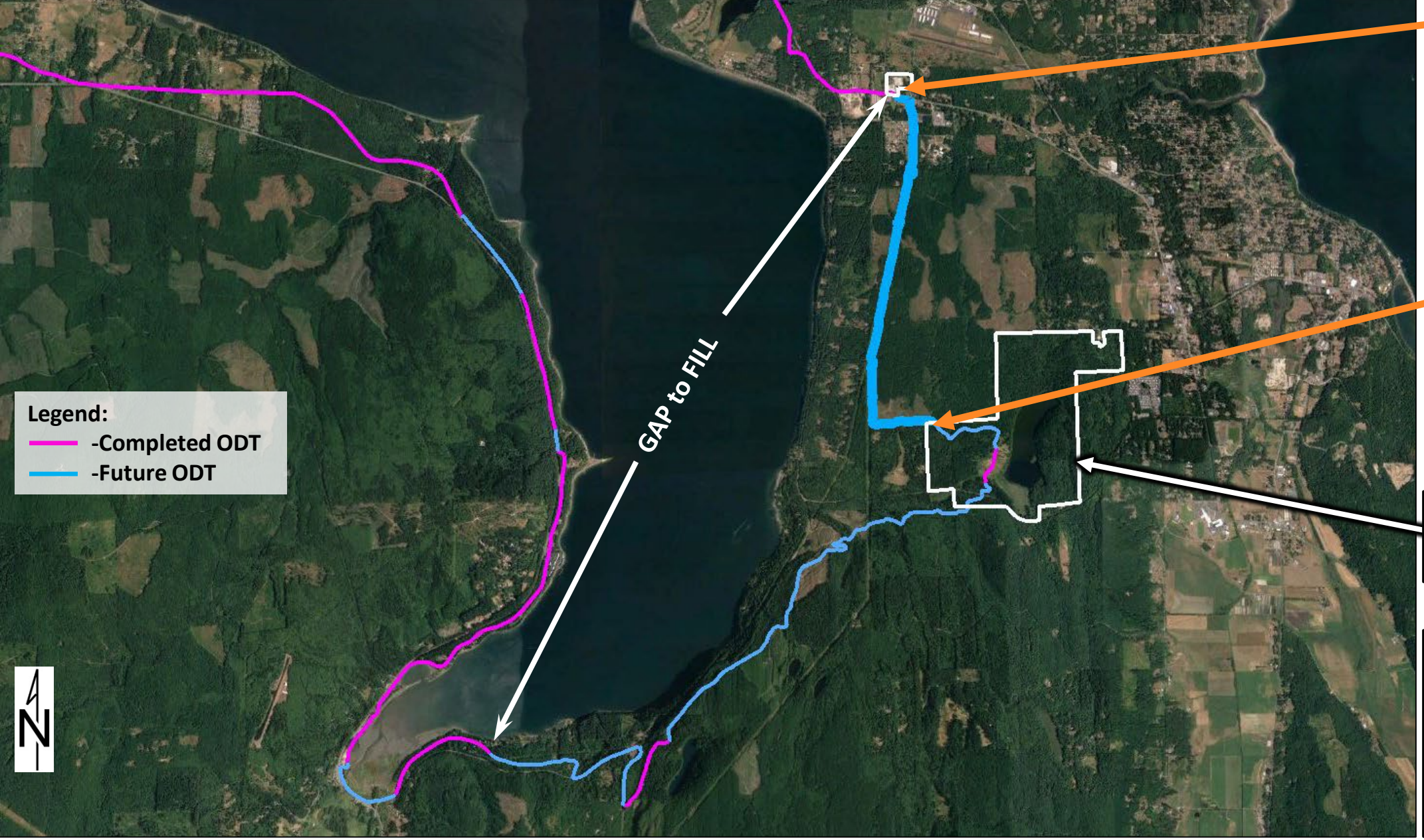
Construct 2.7 miles of Olympic Discovery Trail (ODT) from Anderson Lake State Park to trailhead at Jefferson Transit Headquarters

Project Scope

WWRP-Trails RCO #20-1745 Olympic Discovery Trail, Anderson Lake Connection



3. COMMUNITY LINKS- Pt Townsend to Pt Hadlock



1. NEED: Inventory of existing ODT

WWRP-Trails RCO #20-1745 Olympic Discovery Trail, Anderson Lake Connection

State Route 20 conditions:

-Narrow shoulders

-High speed (50 mph)

-Deep ditches

-Tight guardrails

-High traffic count (6,100 ADT)

-High semi-truck 2-way traffic

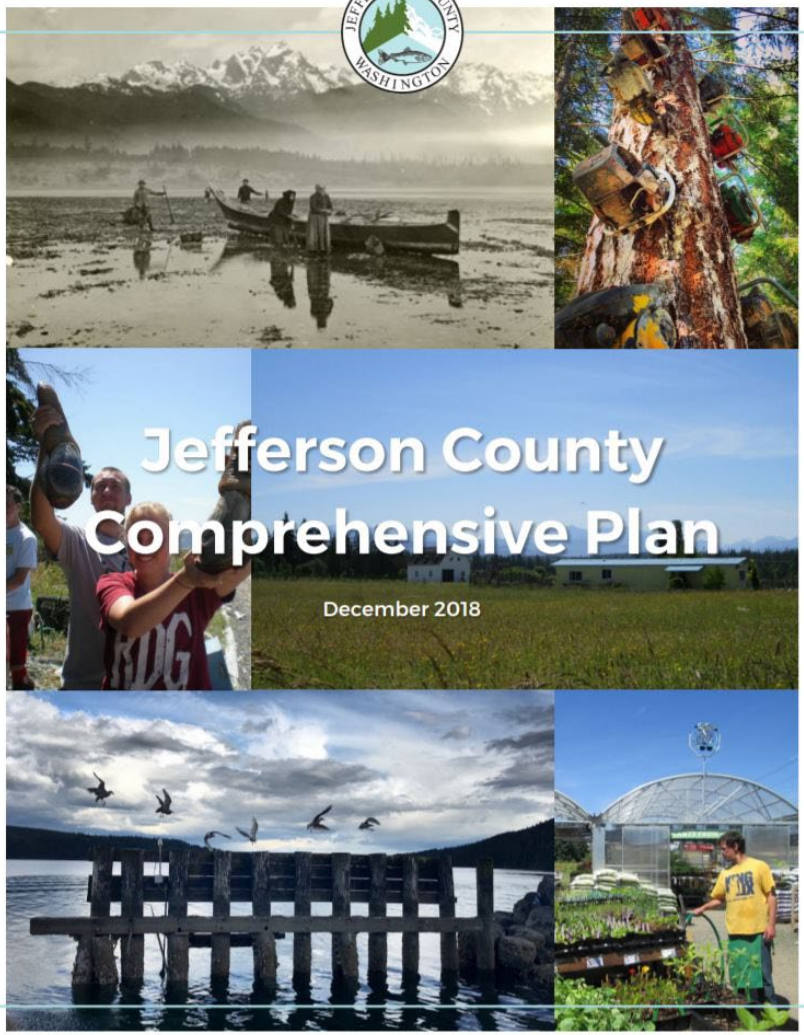
-No safe 3 feet separation

OLYMPIC Discovery TRAIL

1. NEED: SAFETY- No Separation!

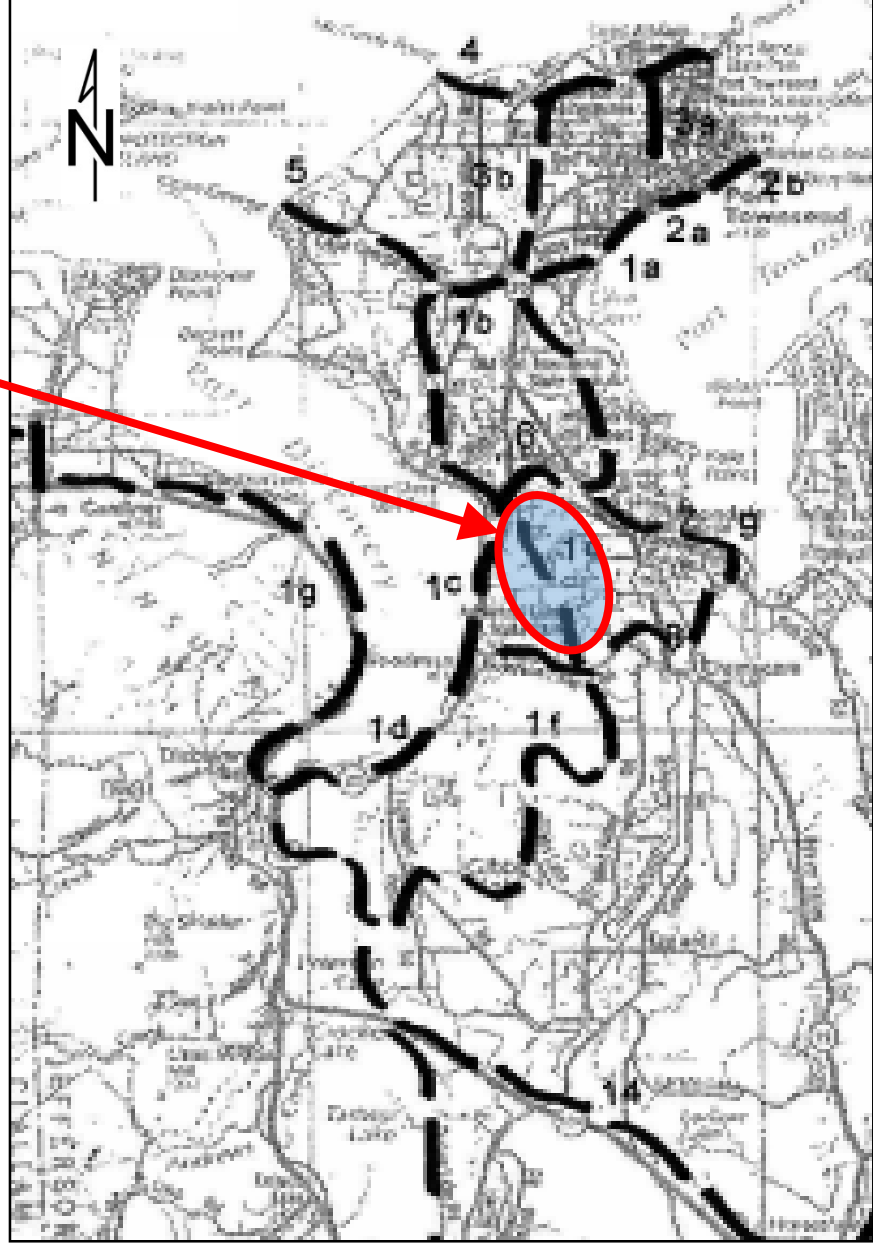
WWRP-Trails RCO #20-1745 Olympic Discovery Trail, Anderson Lake Connection

JEFFERSON COUNTY WASHINGTON



- County Comp Plan
- County PROS
- County TIP
- PNNST
- GART

County Non-Motorized Plan- this project segment



Jefferson County Parks, Recreation & Open Space Plan Update 2015

Jefferson County Parks and Recreation
Department of Public Works
623 Sheridan Street
Port Townsend, Washington 98368
360-385-9160

1. NEED: 5 County, Regional & State Plans

Local Demographics:

- **Income below** state average
- **Number of people with disability above** state average

Current trail user counts:

- 496 per day
- 135,000 per year
- Plus Thousands more for special events

1. Meeting NEED: Underserved population, High use

Larry Scott Trail

Separate project, Larry Scott Trail to Jefferson Transit HQ, 1500’ long

Jefferson Transit Headquarters.

S. Discovery Road

Four Corners Road

SR-20

Larry Scott Trailhead

Project Site

2. LINK to TRAILS- North, Larry Scott Trail

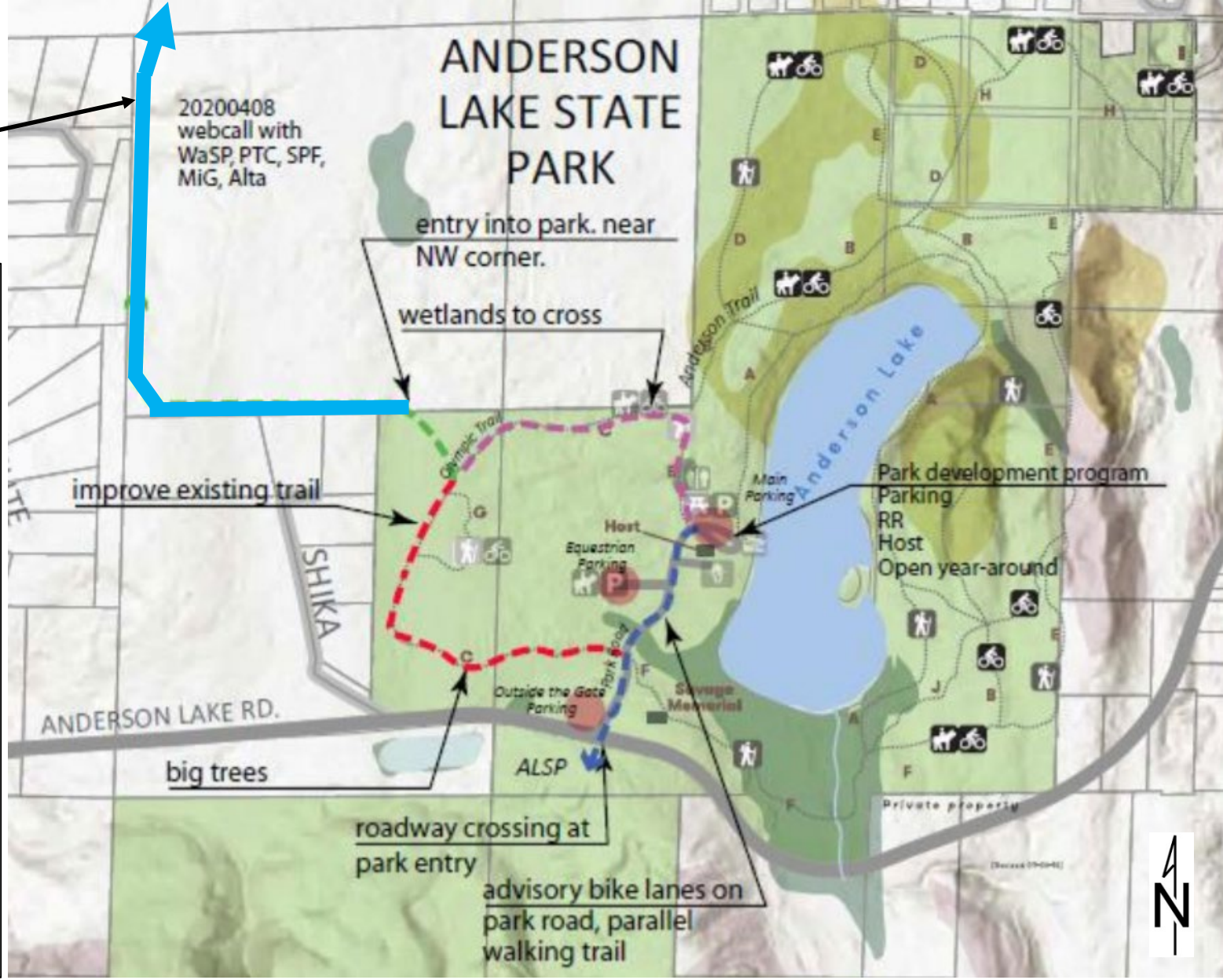
WWRP-Trails RCO #20-1745 Olympic Discovery Trail, Anderson Lake Connection

Typical trail in Anderson Lake State Park

This Project (solid blue)

Legend

- 500 feet of New trail in Park constructed by Park (dashed green)
- Existing trail in park (dashed red, dashed purple)
- Existing gravel road (dashed dark blue)



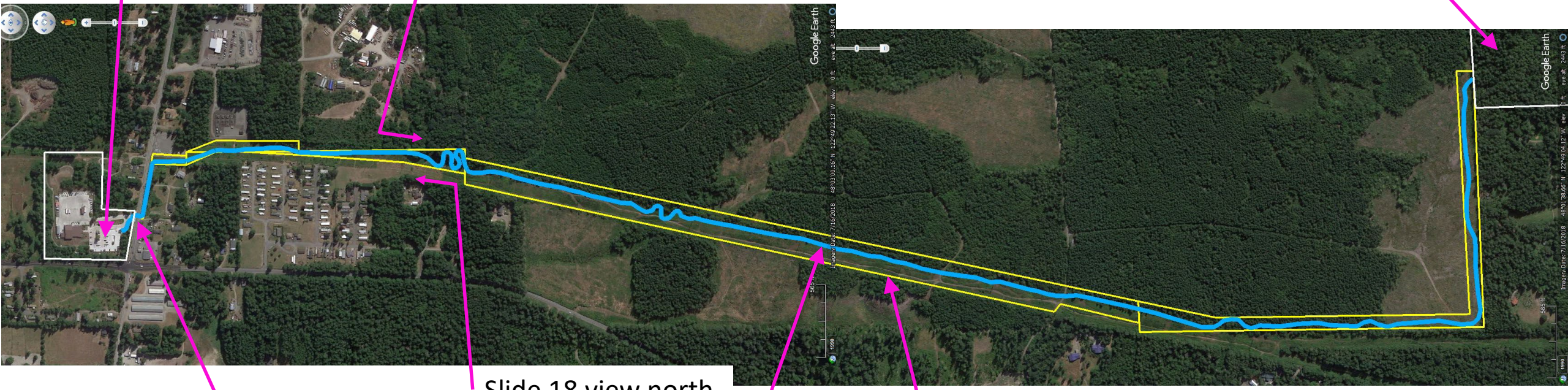
2. LINK to TRAILS- South, Anderson Lake State Park

WWRP-Trails RCO #20-1745 Olympic Discovery Trail, Anderson Lake Connection

Jefferson Transit Headquarters

Slide 14 view south

Anderson Lake State Park



Slide 18 view north

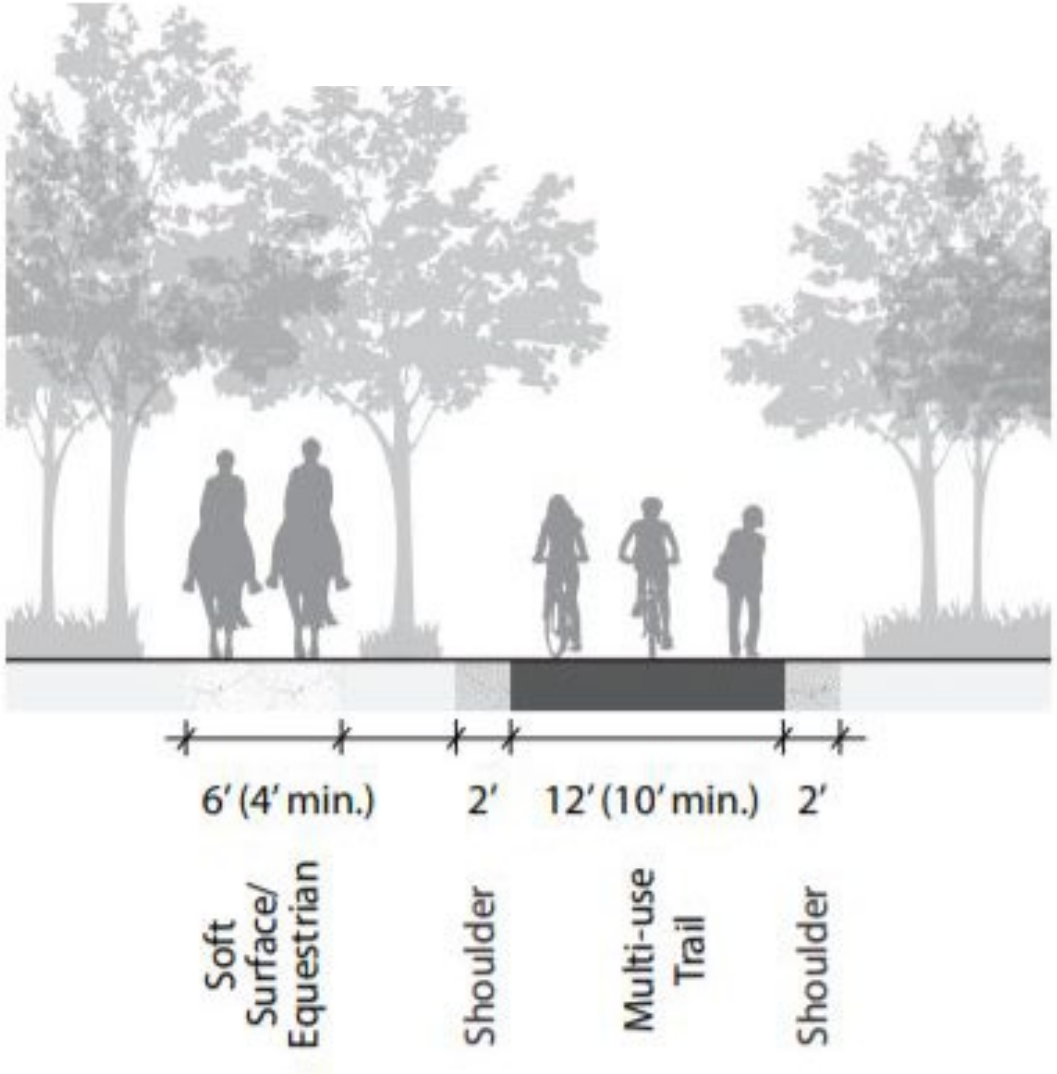
Four Corners Road crossing

Project Trail alignment (blue)

Jefferson County right of way for trail (yellow)

5. DESIGN- Wide R/W, ADA accessible

TYPICAL TRAIL SECTION

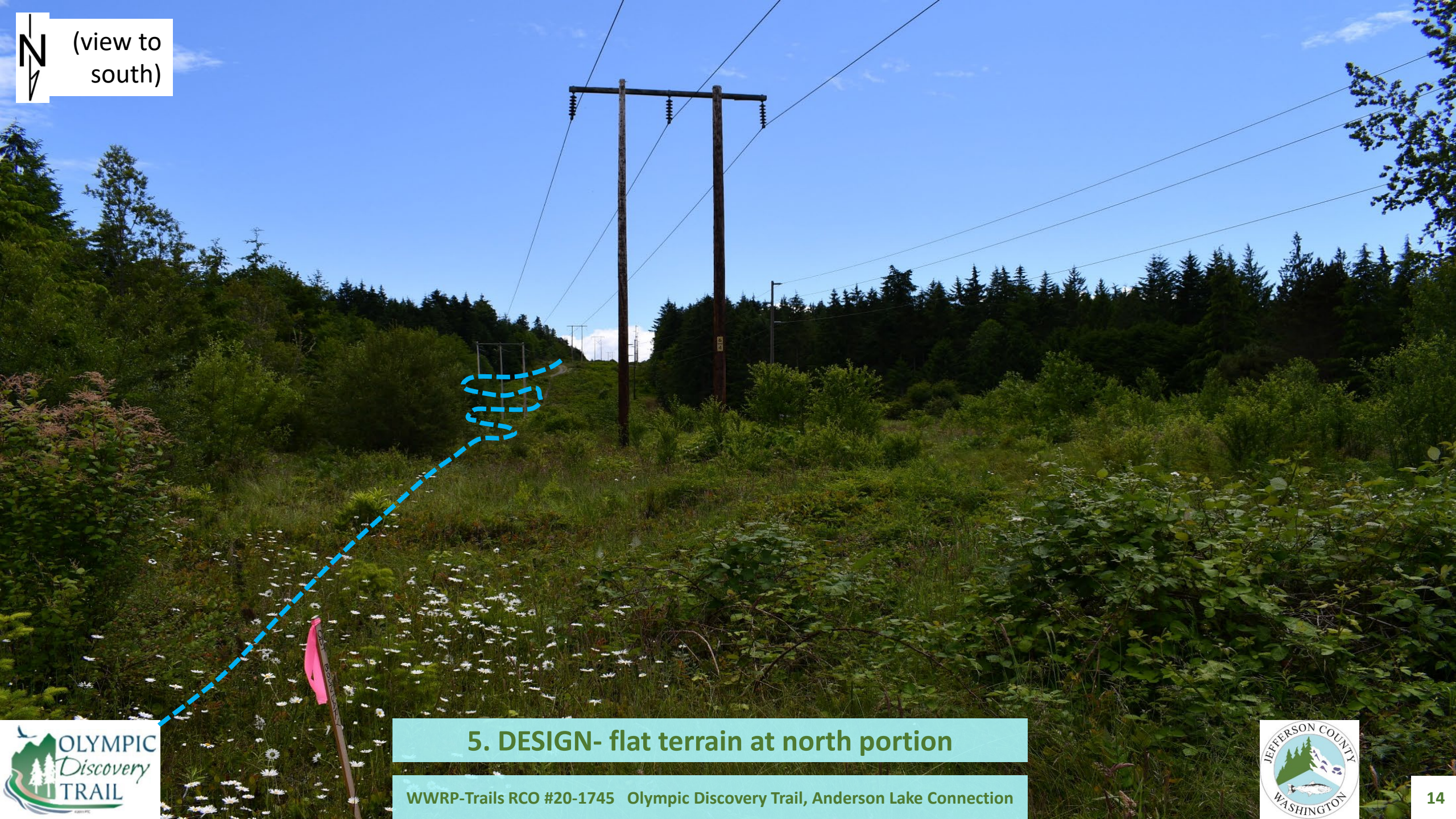


5. DESIGN- Paved, 10’ wide, Separate horse trail

WWRP-Trails RCO #20-1745 Olympic Discovery Trail, Anderson Lake Connection

5. DESIGN- Signs, parking, shelter, tools, security

WWRP-Trails RCO #20-1745 Olympic Discovery Trail, Anderson Lake Connection



5. DESIGN- flat terrain at north portion

Olympic Discovery Trail: Four Corners Rd to Anderson Lake State Park Segment

PRELIMINARY COST ESTIMATE — Version 1 — 5/28/2020
FOR PROJECT MANAGEMENT PLANNING — J. Fleming

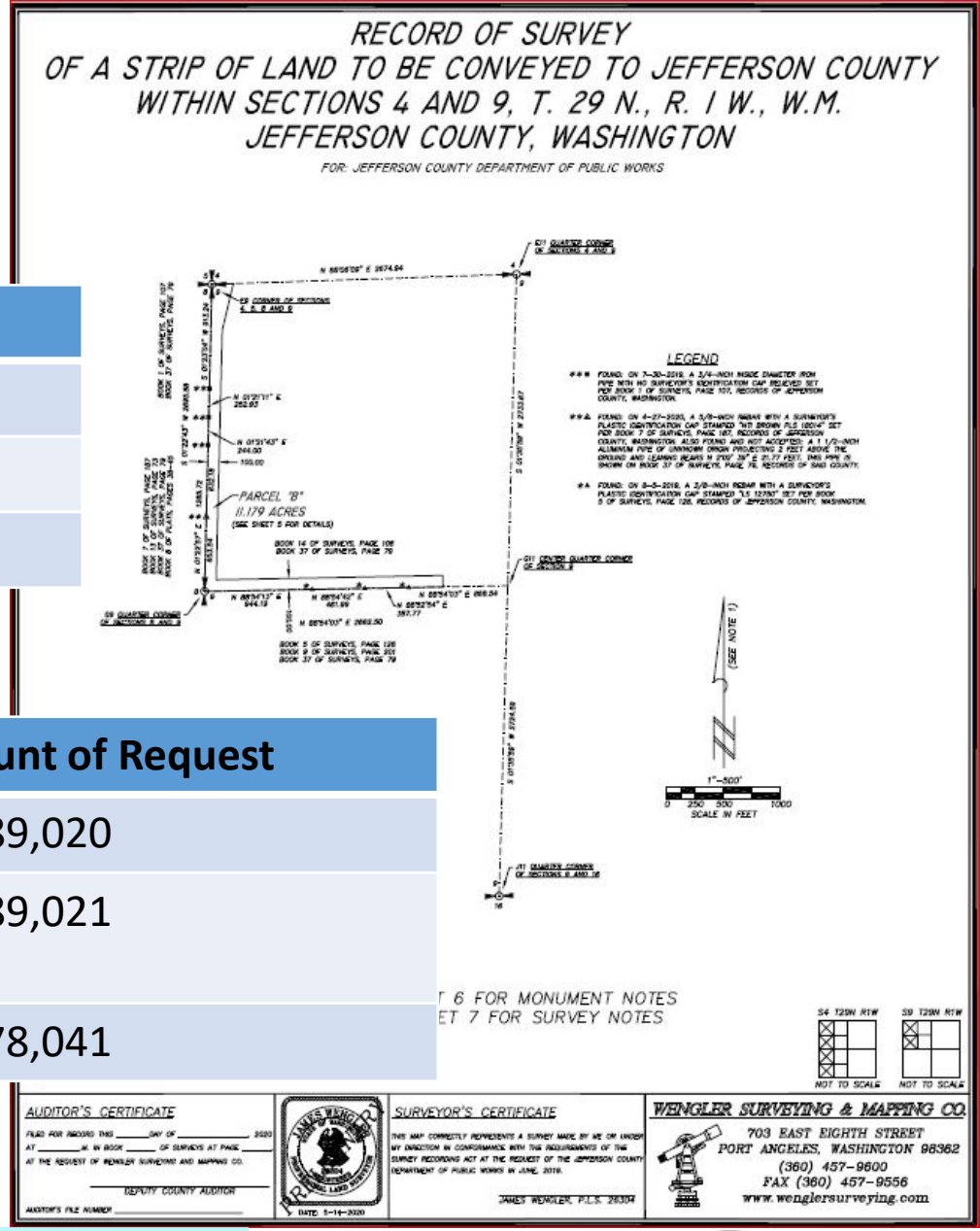
ITEM #	STD. ITEM #	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL COST	CONTINGENCY	BUDGET COST
		PREPARATION						
1	0001	MOBILIZATION (7%)	1	L.S.	$ 153,978.90	$ 153,978.90	10%	$ 169,376.78
2	0025	CLEARING AND GRUBBING	21	AC.	$ 15,000.00	$ 315,000.00	25%	$ 393,750.00
3	0050	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	1	L.S.	$ 6,500.00	$ 6,500.00	25%	$ 8,125.00
		GRADING				$ -		
4	0310	ROADWAY EXCAVATION INCL. HAUL	4950	C.Y.	$ 36.00	$ 178,200.00	35%	$ 240,570.00
5	0431	GRAVEL BORROW INCL. HAUL	8500	TON	$ 45.00	$ 382,500.00	35%	$ 516,375.00
6	0470	EMBANKMENT COMPACTION	300	C.Y.	$ 10.00	$ 3,000.00	35%	$ 4,050.00
7	0350	UNSUITABLE FOUNDATION EXCAVATION INCL. HAUL						
		DRAINAGE						
8	1086	QUARRY SPALLS						
9	3010	CORRUGATED POLYETHYLENE CULV. PIPE 24 IN. DIAM.						
		SURFACING						
10	5100	CRUSHED SURFACING BASE COURSE						
11	5120	CRUSHED SURFACING TOP COURSE						
		HOT MIX ASPHALT						
12	5875	COMMERCIAL HMA						
13	5837	ASPHALT COST PRICE ADJUSTMENT						
		EROSION CONTROL & ROADSIDE PLANTING						
14	6630	HIGH VISIBILITY FENCE						
15	6373	SILT FENCE						
16	6490	EROSION/WATER POLLUTION CONTROL						
17	6414	SEEDING, FERTILIZING, AND MULCHING						
		TRAFFIC						
18	6806	PAINT LINE	280	L.F.	$ 1.25	$ 350.00	20%	$ 420.00
19	6859	PLASTIC STOP LINE	20	L.F.	$ 60.00	$ 1,200.00	20%	$ 1,440.00
20	6857	PLASTIC CROSSWALK LINE	160	S.F.	$ 12.00	$ 1,920.00	20%	$ 2,304.00
21	6982	CONSTRUCTION SIGNS CLASS A	16	S.F.	$ 20.00	$ 320.00	20%	$ 384.00
22	6890	PERMANENT SIGNING	1	L.S.	$ 10,200.00	$ 10,200.00	25%	$ 12,750.00
23	6980	FLAGGERS	82	HR.	$ 63.00	$ 5,166.00	20%	$ 6,199.20
24	6974	TRAFFIC CONTROL SUPERVISOR	82	HR.	$			
25	6973	OTHER TEMPORARY TRAFFIC CONTROL	1	L.S.	$			
		OTHER ITEMS						
26	7530	CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION	3160	S.Y.	$			
27	7135	GLARE SCREEN TYPE 2 (chain link fence with slats)	710	L.F.	$			
28	7041	BOLLARD TYPE 1	7	EACH	$			
29	7041	BOLLARD TYPE 2	14	EACH	$			
30	6510	SOIL RESIDUAL HERBICIDE	22270	S.Y.	$			
31	7736	SPCC PLAN	1	L.S.	$			
32	7490	TRIMMING AND CLEANUP	1	L.S.	$			
33	7728	MINOR CHANGE	1	CALC.	$			
					ENGI			

CE COST ESTIMATE	
AGENCY STAFF INSPECTION & P.M.	$101,186.88
CULTURAL RESOURCES	$14,000.00
CONSULTANT CONSTRUCTION STAKING	$45,000.00
CONSULTANT MATERIALS TESTING	$25,000.00
10% CONTINGENCY	$17,118.69
	$202,305.57

* Inflation Adjustment $ 241,197.59
$ 3,378,089.65
*Assumed 2.5% inflation rate for 3 years

Task	Cost Estimate
Trail construction + staking	$3,208,640
Cultural Resources + A&E	$ 169,401
Total	$3,378,041

Funding Source	Amount of Request
Request to WWRP Trails	$2,189,020
Surface Transportation Block Grant Match	$1,189,021
Total	$3,378,041



5. DESIGN- Cost estimate

- Avoids Shoreline
- Multi-use of utility corridor
- Stormwater LID / BMP
- Follow ground contours

- Resilient connect with transit
- Safe commute
- Outdoor recreation for all (ADA)

- Re-use waste on site
- Local sourced materials

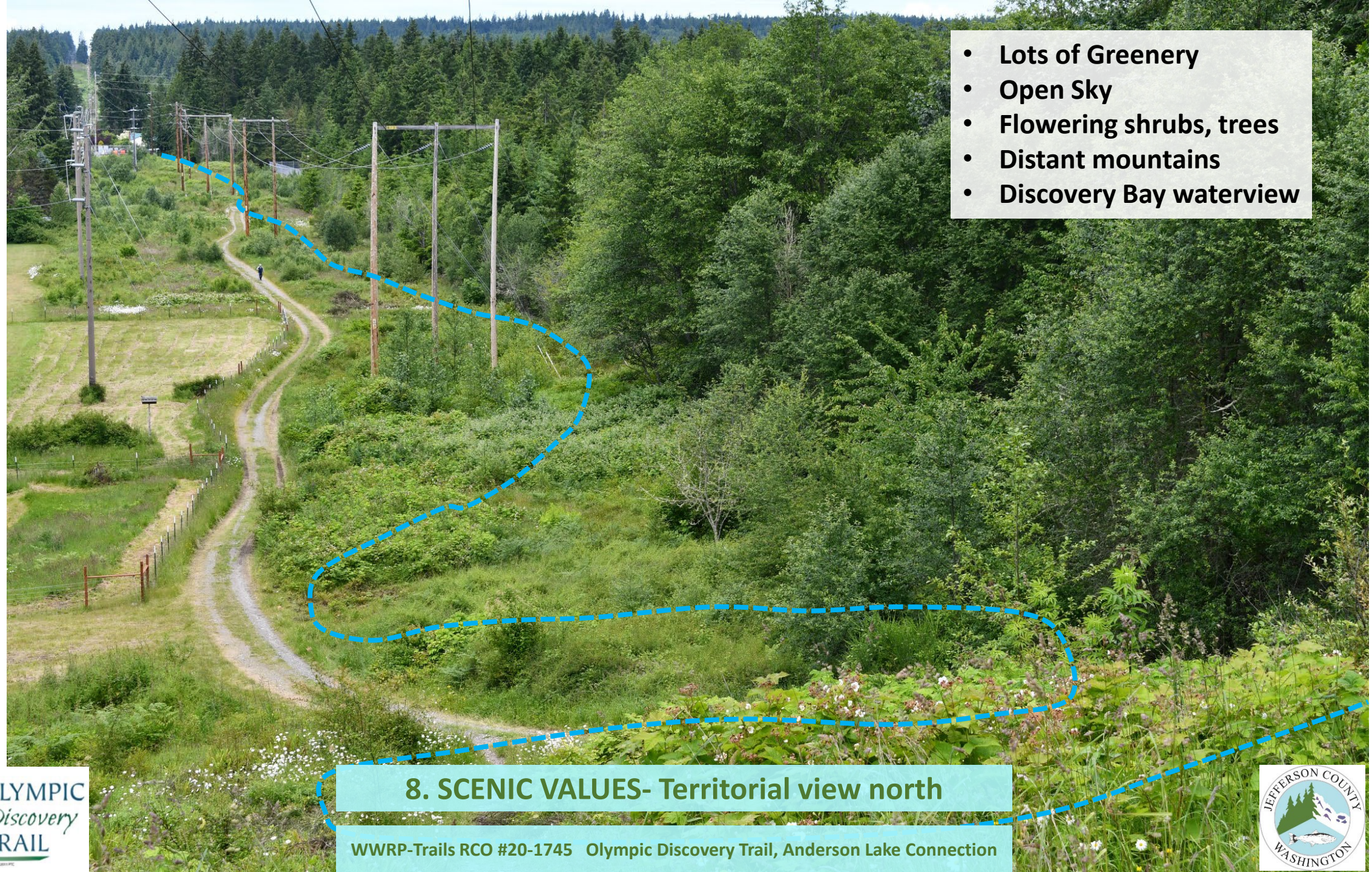
6. SUSTAINABILITY- Efficient, healthy mode of travel

WWRP-Trails RCO #20-1745 Olympic Discovery Trail, Anderson Lake Connection

- 2 seasonal drainages
- 70 acre Anderson Lake
- Discovery Bay
- Salish Sea

7. WATER ACCESS & VIEWS- Anderson Lake

WWRP-Trails RCO #20-1745 Olympic Discovery Trail, Anderson Lake Connection



8. SCENIC VALUES- Territorial view north

WWRP-Trails RCO #20-1745 Olympic Discovery Trail, Anderson Lake Connection

- **Freer movement of wildlife.**
- **Seed disturbed areas with mixtures that enhance and attract foragers, browsers, & pollinators.**

9. WILDLIFE HABITABAT ENHANCEMENT-

WWRP-Trails RCO #20-1745 Olympic Discovery Trail, Anderson Lake Connection

Menu

Daily News

News Sports Crime Politics Opinion Entertainment

A crowd turned out Monday at the Jefferson County Commissioners meeting to hear public testimony about creating a new segment of the Olympic Discovery Trail from Four Corners Road to Anderson Lake State Park. Jeff Michaelson, at podium, said he was concerned that the trail was going to run along his property and he had issues with security. (Jeannie McMacken/Peninsula Daily News)

Jefferson County approves creation of new trail segment

Path to Anderson Lake would hasten connection to Olympic Discovery Trail

OPEN HOUSE

OLYMPIC DISCOVERY TRAIL CONNECTION

LARRY SCOTT TRAIL TO SOUTH DISCOVERY BAY

Join us to discuss the development of an off-road bypass of State Route 20 for the Olympic Discovery Trail from Discovery Bay to the Larry Scott Trail in Port Townsend.

Thursday, April 12th

6:00 - 8:00 pm

Location: **Jefferson Transit at Four Corners**
63 Four Corners Road,
Port Townsend, WA 98368

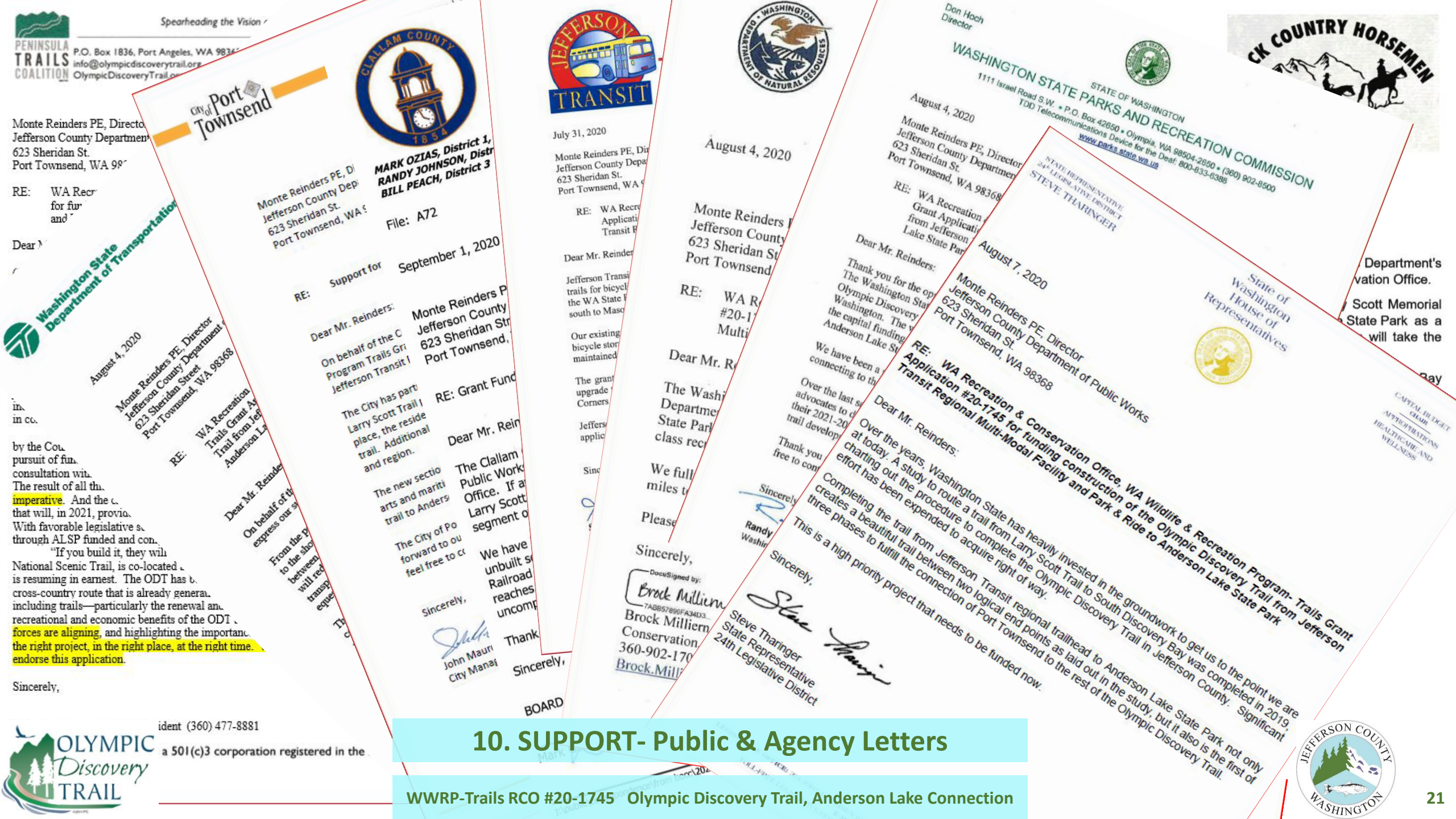
Email your comments to: odt@co.jefferson.wa.us

For more information: tinyurl.com/ODTExtension

alta PLANNING + DESIGN

10. SUPPORT- Public Meetings, Media Coverage

WWRP-Trails RCO #20-1745 Olympic Discovery Trail, Anderson Lake Connection



10. SUPPORT- Public & Agency Letters

WWRP-Trails RCO #20-1745 Olympic Discovery Trail, Anderson Lake Connection

Efficiencies:

- **Federal Highway Administration's Surface Transportation Block Grant as match**
- **Public access at both ends.**
- **Timing with State Parks**
- **Existing access road along trail**
- **Land trade**

WWRP-Trails RCO #20-1745 Olympic Discovery Trail

Anderson Lake Connection