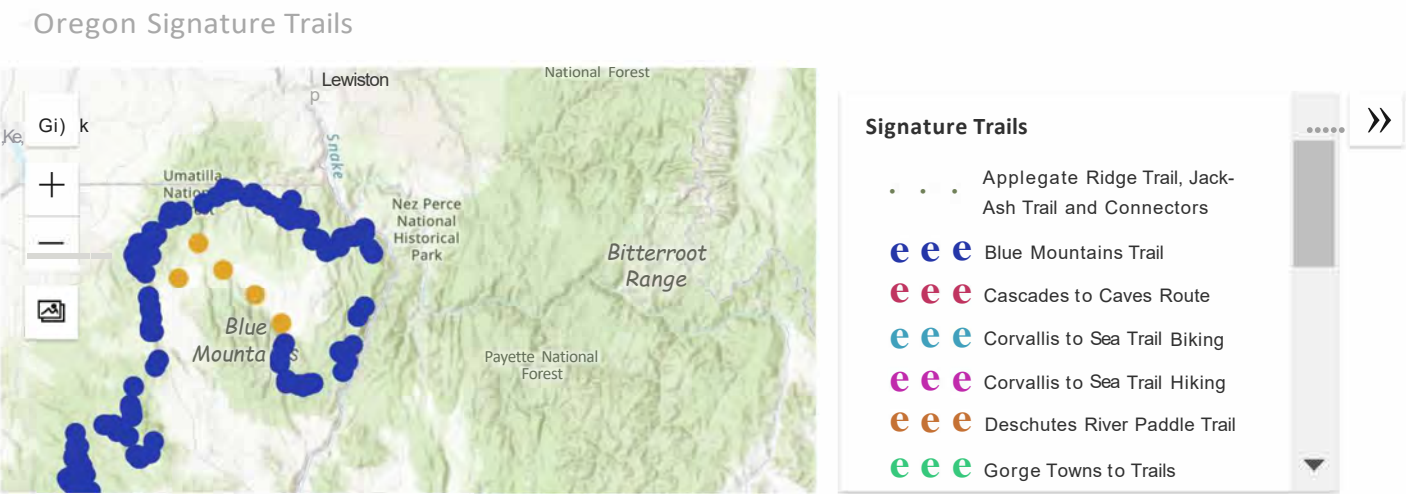


Click to explore the report: <https://www.oregontrailscoalition.org/signature-trails>

# Oregon Signature Trails

Signature trails distill the iconic beauty of Oregon into unforgettable, seamless experiences. Investing in signature trails will elevate pride and prosperity for communities across the state, providing amazing experiences for Oregonians in their own backyards.



Throughout 2022, the Oregon Trails Coalition and the Signature Trails Inventory Steering Committee engaged a broad group of stakeholders across the state in sharing their vision and priorities for existing and potential signature trails in Oregon.

# Metro Quarterly Trails Forum

April 5, 2023



**NWTA**  
NORTHWEST TRAIL ALLIANCE

# Who We Are

## OUR MISSION

To create, enhance, and protect mountain bike riding opportunities; to advocate for trail access; to promote responsible mountain biking; and to build, maintain, and ride sustainable trails.

- Over 5,000 members
- Full-time Executive Director as of August 2022
- ~ 10 federal, state, county, and municipal land management agencies, private land managers.
- Provide educational trail stewardship and mountain bike programming for members and local communities to increase access to the outdoors through all types of off-road cycling.
- Home of the Cowlitz, Chinook, Atfalati, Clatskanie, Kalapuya, Nehalem and Lower Chinook peoples: roughly a 60 mile radius extending from the Oregon coast, into parts of Southern Washington's Gifford Pinchot National Forest and Mount St Helens National Monument, and to the Western foothills of Mount Hood National Forest



# Values Driving Our Work

## We execute our mission through our values:

Stewardship	Education	Building Skill
Community	Advocacy	Access
Passion	Fitness	Communication
Credibility	Inclusiveness	<b>FUN</b>

*Dedicated to providing spaces/opportunities for people to get involved with all types of off-road cycling AND see representation that they identify with.*





# What We Do

## Engaged & Active Membership

*Average 20,000 volunteer hours a year.*

## Education & Training

*Trail Sustainability Institute, Youth Programming*

## Community Partners

*Formal stewardship agreements for trail maintenance and programming*



# What's next?

## Community

Gateway Green cleanup, youth camps, ride leader trainings, trail work campouts and festivals

## More access

Off-Road Cycling Master Plan - roadmap for urban opportunities;  
Cascade Locks

<https://nw-trail.org/events/>





# Thank you!



**Lisa Olivares**

Executive Director

[lisao@nw-trail.org](mailto:lisao@nw-trail.org)

[www.nw-trail.org](http://www.nw-trail.org)

**NWTA**  
NORTHWEST TRAIL ALLIANCE





# Portland's Blue Space

## Metro Quarterly Trails Forum

Wednesday, April 5<sup>th</sup>, 2023





People protect what they love.

— Jacques Yves Cousteau —



Vision:  
A City in Love with its River

Mission:  
Transform Portland's Relationship with the  
Willamette River

Objectives:  
Build it, Use it, Love it.

Audrey McCall Beach





Board of Directors

Kirk Anderson  
Cherie Collins  
Mike Faha  
Jeremy FiveCrows  
Nathan Howard  
Justin Green  
Ryan Kunzer  
*Willie Levenson (Me 😊)*  
Andrea Milano  
Sonia Montalbano  
Svetlana Hedin  
Mary Lou Soscia  
Tommy “T-Bone” Vandel

Cambia Health Solutions, Chief Information Security Officer  
Homespun Websites, CEO  
GreenWorks, Principal  
Columbia River Intertribal Fish Commission (CRIFC), Public Affairs Director  
InnerTrek, Director of Operations  
Justin B. Green Consulting (Prior Oregon DEQ Water Quality Administrator)  
Woodlark Hotel, Operations Manager  
*Human Access Project, Founder, Ringleader*  
Youth and Technical Services Manager, Lake Oswego Public Library, River Hugger Liaison  
McKean Smith, Attorney  
Bureau of Environmental Services, Green Street Steward Manager  
Environmental Protection Agency (*retired*), HAP Board Chair  
Les Overhead, Creative Director

Board of Trustees

Susan Bladholm  
Scott Bricker  
Jan Campbell  
Michelle Giguere  
Erin Graham  
Mike Lindberg  
Tad McCall  
John Ostrander  
John Russell  
Dan Yates  
Charlene Zidell

Frog Ferry, Founder and President  
Travel Oregon, Vice President, Destination Development  
Oregon Disability Expert  
Summit Strategies, Principal  
Oregon Museum of Science and Industry (OMSI), President and CEO  
Portland’s longest serving (retired) City Councilman  
Governor Tom and Audrey McCall’s Son  
Elliot, Ostrander & Preston, Partner  
Russell Development Company  
Portland Spirit, President  
Director of Corporate Relations, Zidell Corporation



731 - THE BATH HOUSE AT "THE OAKS", PORTLAND, OREGON.

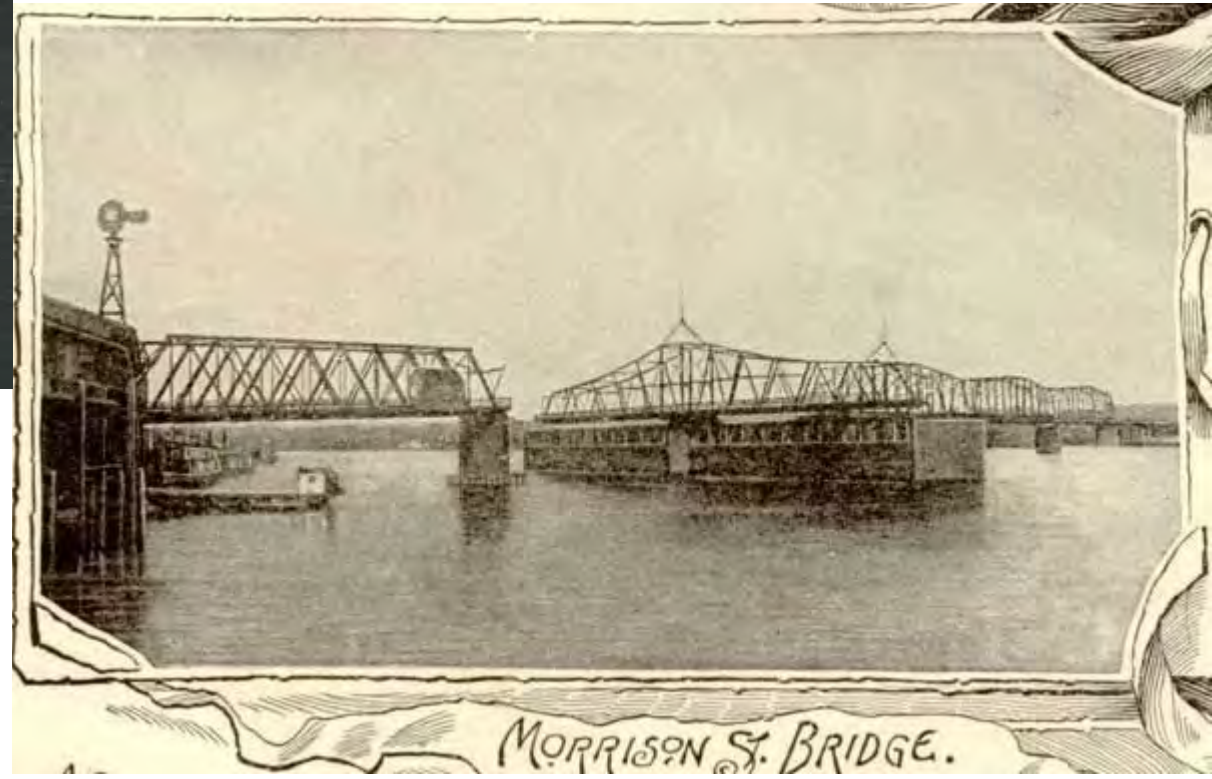


Oaks Park Natatorium  
Circa 1905





# Morrison Bridge Boys Public Bath





Swim at  
**Windemuth**



## Swimming

The only place to swim in the middle of the Willamette River, where the water is clear and clean. Special attention paid to women and children—where our life-guards keep an ever-watchful eye.

## Professional Fancy Diving & Swimming Sunday Afternoon

Be Sure to Attend the  
**BIG DANCE**  
Saturday "Nite"  
July 14th

DANCE WITH THE BEST MUSIC  
ON OUR NEW MAPLE FLOOR.

## Dancing

Every Wednesday and Saturday  
Nights

10 Minutes From the Heart of  
the City

### HOW TO GET TO WINDEMUTH

Take boat foot of Stark street,  
which leaves every 30 minutes  
from 12 o'clock noon every day.  
Also take Brooklyn car to  
foot of Woodward avenue.

## OWNERS CLOSE BATHING PLACE AT WINDEMUTH

Because frequent analyses of the water in the Willamette river has shown pollution and infection, the management of the Windemuth bathing resort has voluntarily closed the resort at the northern end of Ross Island.

City Health Officer Parrish states that he will ask the city council to pass an ordinance prohibiting swimming in the river at any point within the city limits, as the water is unfit for this purpose from the point of discharge of the Lents trunk sewer in Sellwood to its juncture with the Columbia river.

Since the hearing a few days ago before the city council, when the subject was generally discussed, new samples of river water have been analyzed both by the city health bureau and the laboratory of the Good Samaritan hospital, and this shows that there is no improvement of conditions. Dr. Parrish says the water is in worse condition than at any recorded time in the city's history, due to the low stage of the river and the increased flow of sewage, and the public should be warned that it is unfit for swimming purposes at any point within the city.

## THE BUNDY BATHS

Best Equipped and Finest  
Bath House on the River

Lunch counter, where you can get a cup of splendid hot coffee, sandwiches, etc. Take Brooklyn car at Third and Yamhill and get off at the end of Grand ave. south and Ellsworth st., thence down to the river. Phone Sellwood 783.

Oregon Journal,  
July 31, 1924





FIRST ANNUAL SWIM IN  
WILLAMETTE RIVER  
JANUARY 1ST 1925







PHOTO ART





# CLEAN THE RIVERS!



PORTLAND SEWAGE  
NOW MAKES THEM  
A HEALTH MENACE

**VOTE 502 X YES**  
ON CITY BALLOT NOV. 8 ELECTION  
also **VOTE 318 X YES**  
ON STATE BALLOT

## Vote for Sewage Disposal System... and Make Our Rivers a Water Playground

Portland has an opportunity few cities have ever had—the chance of having a sparkling river of fresh, pure water running right through the city—a river that invites water sports and play beaches, clean wholesome river front activities, and promotes fish life.

### 230 Thousand Tons of Sewage Pour into Portland's Waterways Every Day

Now our naturally beautiful Willamette is something of which we have to be ashamed, not proud. The sad fact is, our mountain stream is a sewer. As such, it is a thing to be avoided, even loathed. Down by the airport even the carp cannot live in the water. There is no oxygen in it, because decaying sewage uses up oxygen, and there is an unbelievable mass of

sewage poured out of Portland's sewers—9,500 tons every hour—230,000 tons every day. That is sewage alone; storm water is extra. Ninety-five per cent of this sewage pours into the Willamette; the rest into Columbia Slough.

To clean the river is obviously merely our duty as decent citizens. It will have to be done eventually because it is steadily becoming a worse health menace; but we want to enjoy a wholesome river in our own lifetimes.

Portland's own sewage causes the only real offense. Therefore, and because it is Portland's right and duty to take the leadership in proper sewage disposal in the Willamette Valley, we must make the first move, and make it now.

### Thousands of Long-Term Jobs Will Be Created by the Sewage Disposal Project

The cost of the project will be met with a sewage charge based upon the amount of water used. The average home owner will pay about twenty-five cents a month—for an essential health insurance, a water playground, the beautification of Portland. He will pay no interest charges, no carrying charges, no special service charges out of his twenty-five cents. As quickly as it is collected, it will be wisely spent on labor and materials. But it will not be spent before it is collected.

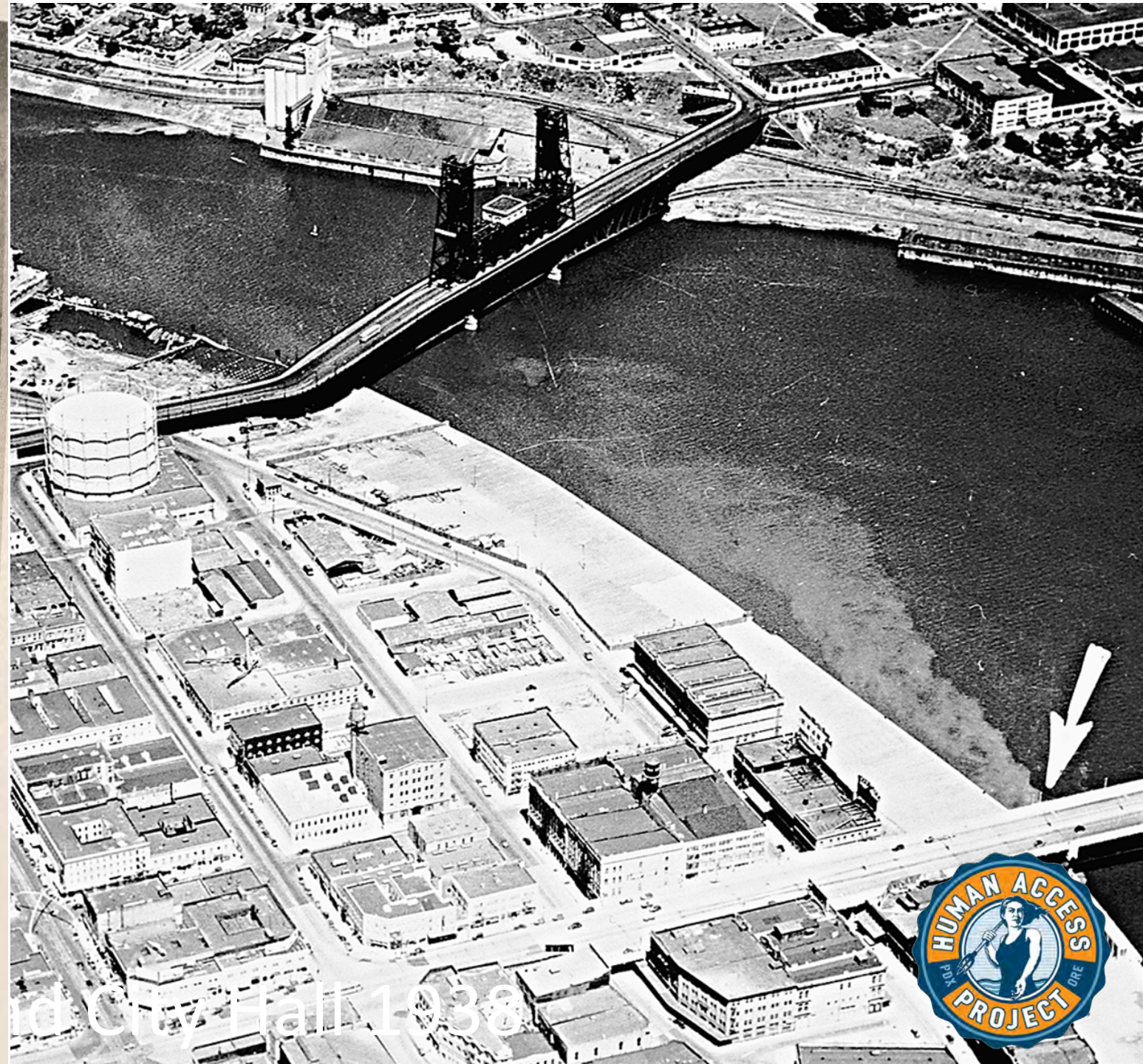
### Already Danger to Public Health

Our rivers are in an appalling condition. They are so badly polluted that fish can't live in some sections. You can't immer a boat in many sections because the acid in the sewage eats away the paint. Disease is a very part of the water.

The health and happiness of your family depend on the success of the Clean-the-River campaign.

**NO BONDS—NO TAXES**

A Pay-as-you-go Project which will save \$4,000,000 in interest and bonding charges



City Hall 1938







TBF X

Sunday, July 10, 2022





PAGE 39  
BEST OF PORTLAND  
**READERS' POLL**  
SPONSORED BY  
NEW SEASONS  
MARKET

# BEST OF PORTLAND

PAGE 16

**NEWS:**  
Portlanders Are  
Smoking Less  
Weed. P. 12

**BOOKS:**  
Chelsea Blaker's  
True Grit.  
P. 56

**MOVIES:**  
Will Drive-Ins  
Strike Back?  
P. 58

WWW.COM  
VOL 48/36  
07.15.2012













April 2013



April 2014







7/12/1







**UNROCK THE BOWL**  
⚡  
**AUG. 25TH**  
**2012**  
THEBIGFLOAT.COM  
*Let's make a beach!*





# Poet's Beach – July 2014



Before HAP work







HAP added path Spring 2014





July 2015











# HOR Children's' Poetry





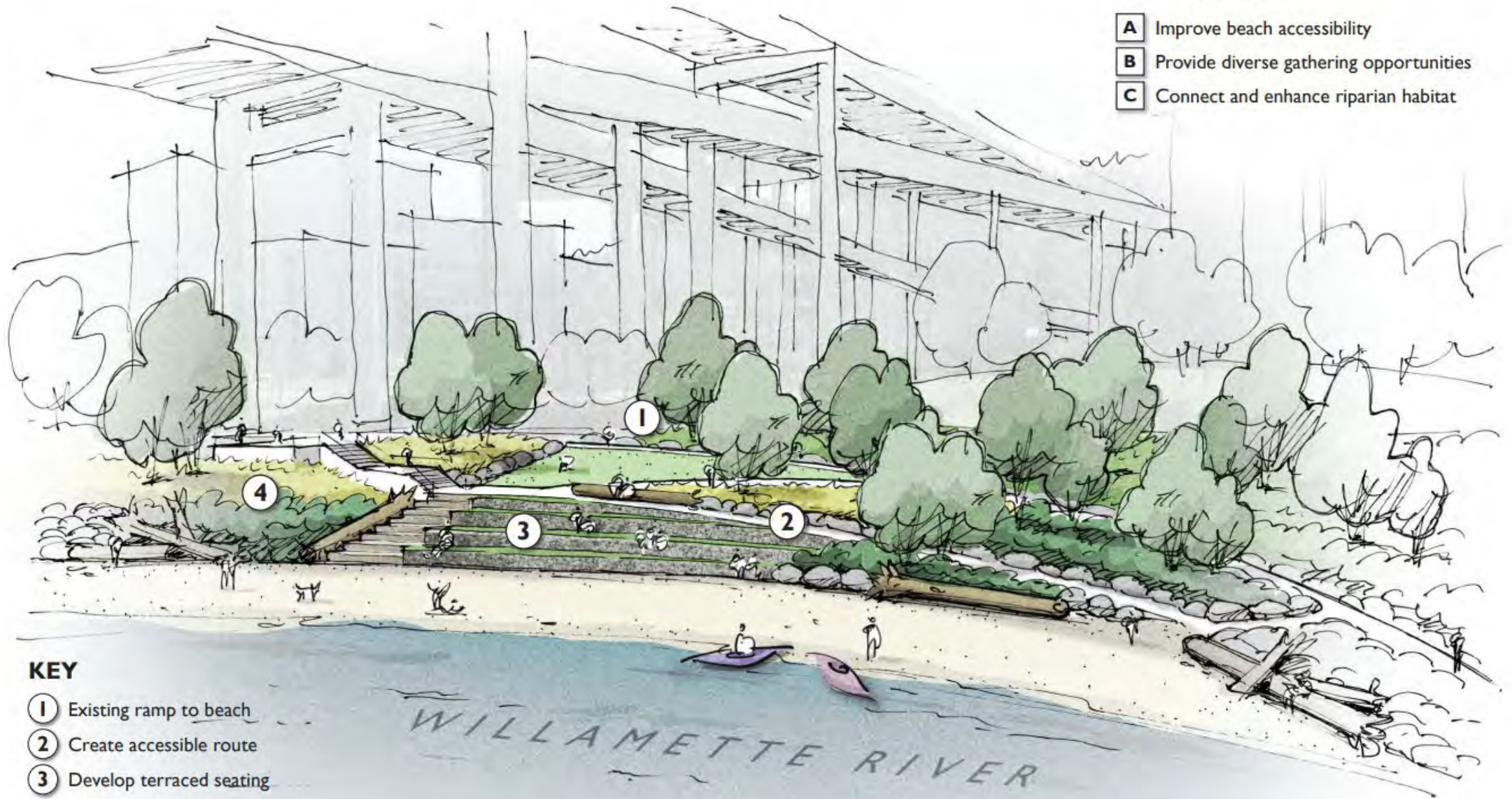
# Poet's Beach - Officially recognized July 13, 2017





## PROJECT GOALS

- A** Improve beach accessibility
- B** Provide diverse gathering opportunities
- C** Connect and enhance riparian habitat



### KEY

- 1** Existing ramp to beach
- 2** Create accessible route
- 3** Develop terraced seating
- 4** Improve riparian habitat with native vegetation and wood structure



200+ tons of concrete removed







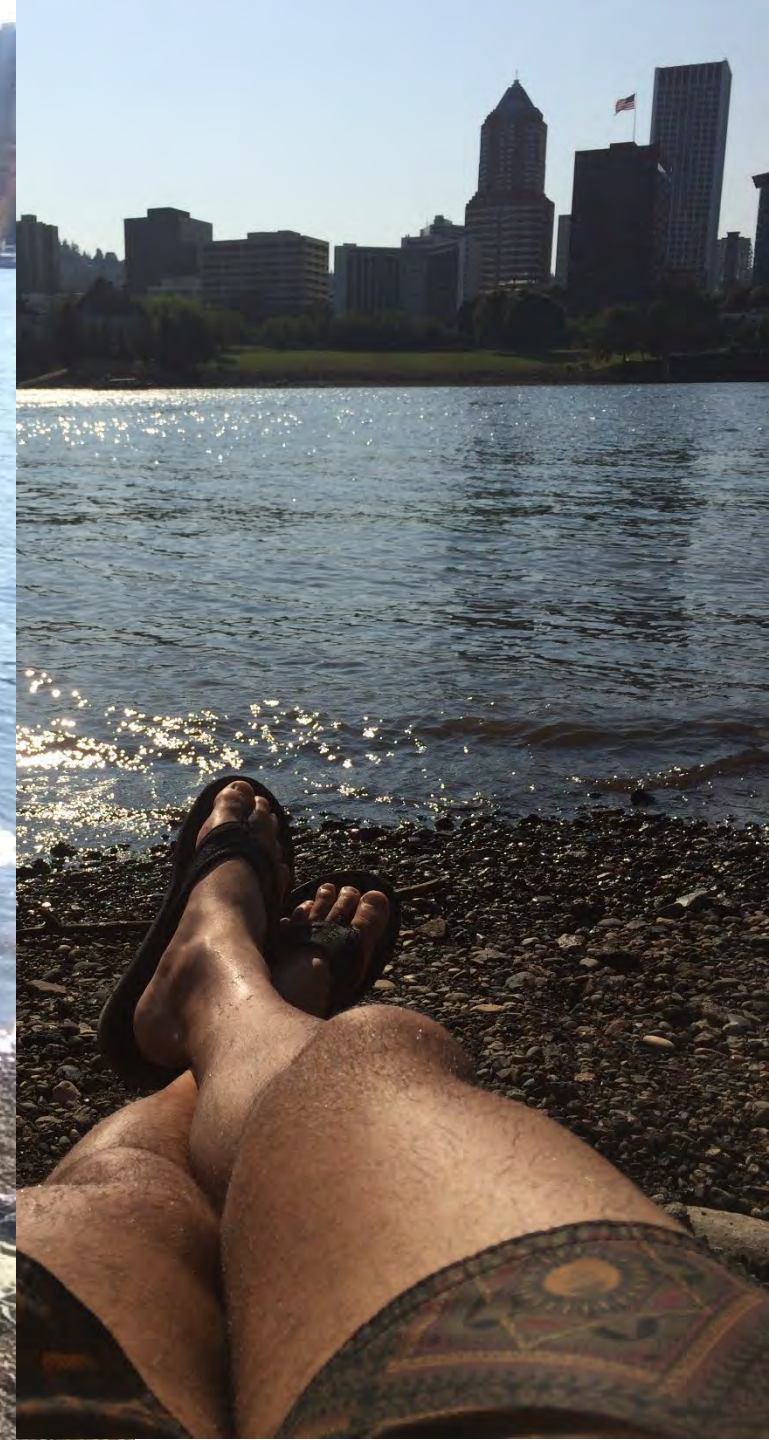




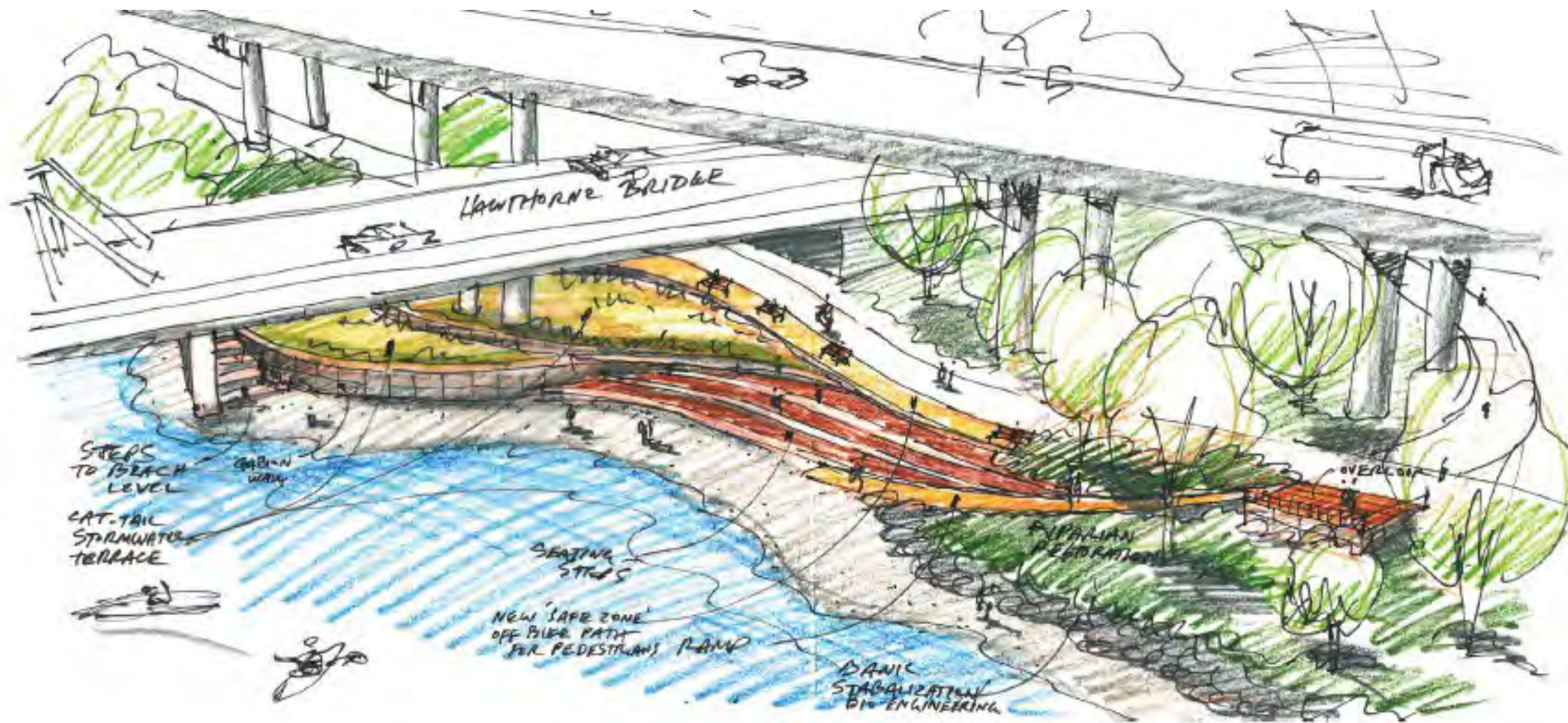




Summer 2014









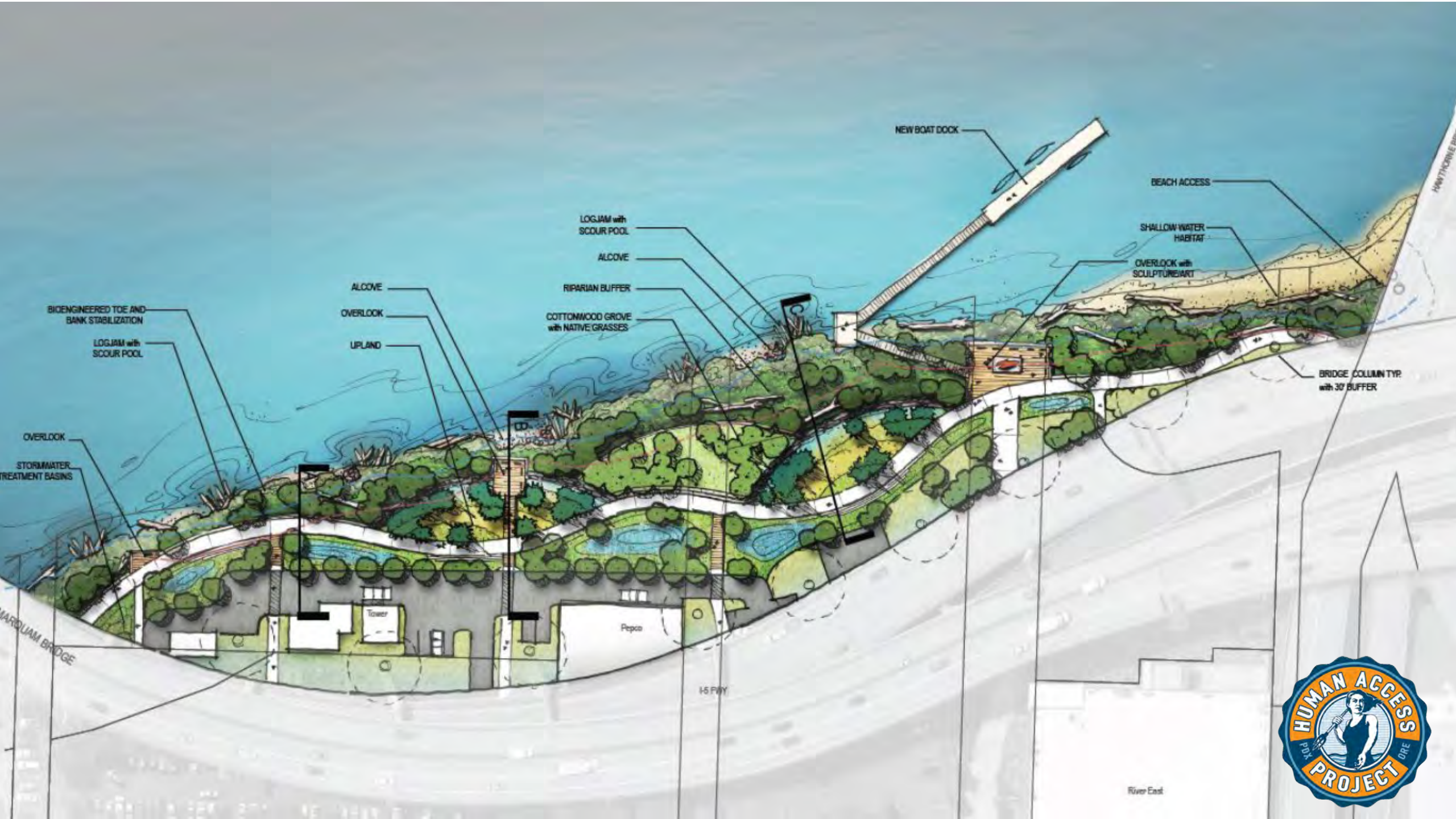
## City of Portland

### Decision Package Recommendations (Includes Contingency and Ending Balance)

	Bureau Priority	Bureau Requested					Mayor's Proposed			
		FTE	Gen Fund Ongoing	Gen Fund 1-Time	Other Revenues	Program Expenses	FTE	Gen Fund Ongoing	Gen Fund 1-Time	Re
Portland Parks & Recreation										
Adds										
PK_18 - Innovative Food Production Action Plan	15	0.00	0	75,000	0	75,000	0.00	0	0	
PK_19 - Public Safety Investment	16	0.00	0	650,000	0	650,000	0.00	0	0	
PK_20 - Vegetation Monitoring Measure Ecological He	17	0.00	0	120,000	0	120,000	0.00	0	0	
PK_21 - Natural Area Asset Management Software	18	0.00	0	60,000	0	60,000	0.00	0	0	
PK_22 - Westmoreland Park Sckavone Stadium Lighti	19	0.00	0	828,000	0	828,000	0.00	0	828,000	
PK_24 - O&M Requests for Future Park Developments	20	0.00	397,659	(397,659)	0	0	0.00	505,659	(505,659)	
PK_26 - IGA for Patrol Services at Riverplace Marina	NA	0.00	0	0	0	0	0.00	0	98,000	
PK_27 - Programs for Youth	NA	0.00	0	0	0	0	0.00	2,000,000	0	
PK_28 - River Access	NA	0.00	0	0	0	0	0.00	0	300,000	



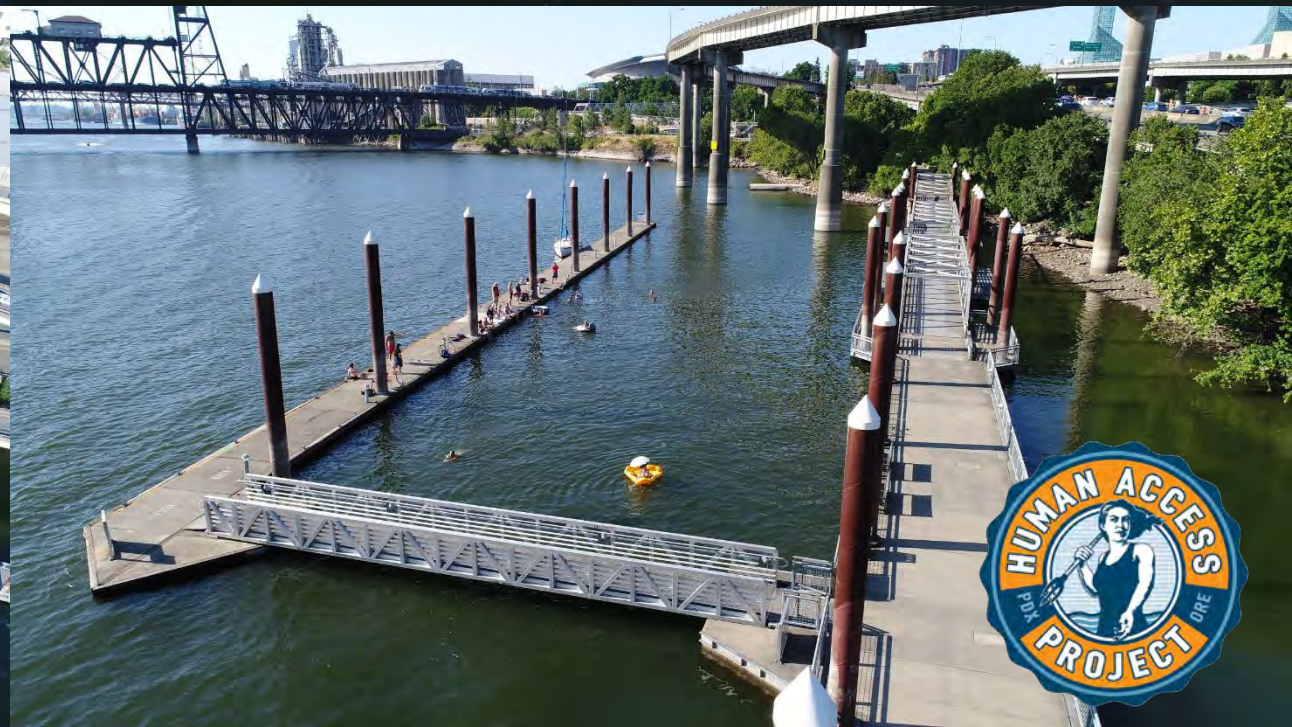








**Kevin Duckworth River Recreation Dock**





FLOAT

DIVE

LADDER

PLUNGE

LADDER

FLOP

LADDER

DIP

FISHING  
POINT

MOTORIZED  
DROP OFF  
AREA (50')

LADDER

PADDLE

REEL

LADDER

KAYAK

CAST

BIKE  
PARKING

GATEWAY

WELCOME TO THE

DUCKWORTH DOCK PILOT













































Please choose one of the following options to find a park or facility.

1. Search by Name or Keyword

Select a park or facility from the list below

or

Enter a keyword or phrase below

Search

2. Search by Area, Amenity, and/or Activity

Search

City Area

☐ Downtown

☐ Northeast

☐ Southeast

☐ Select All Areas

☐ North

☐ Northwest

☐ Southwest

Amenity/Activity

☐ Accessible Picnic Area

☐ Football Field

☐ Picnic Shelter

☐ Statue Or Public Art

☐ Accessible Play Area

☐ Fountain

☐ Picnic Site - Reservable

☐ Swim Pool - Indoor

☐ Accessible Restroom

☐ Fountain - Interactive

☐ Picnic Tables

☐ Swim Pool - Outdoor

☐ Accessible Tennis Court - Outdoor

☐ Futsal Field

☐ Playground

☐ Tennis Backboard

☐ Arboretum

☐ Gift Shop

☐ Plaza

☐ Tennis Court

☐ Baseball Field

☐ Golf Course

☐ Preschool Program

☐ Tennis Court - Indoor

☐ Basketball Court

☐ Gymnasium

☐ Public Garden

☐ Tennis Court - Lighted

☐ Basketball Court - Indoor

☐ Historical Site

☐ Pumptrack

☐ Tours - Guided

☐ Boat Dock

☐ Horseshoe Pit

☐ Raceway

☐ Track

☐ Boat Ramp

☐ Kitchen - Reservable

☐ [Riverfront Views](#)

☐ Trails - Biking

☐ Bocce Court

☐ Meeting Room - Reservable

☐ Rock Climbing Wall

☐ Trails - Equestrian

☐ Canoe Launch

☐ Memorial

☐ Roller Skating

☐ Trails - Hiking







# Portland Parks & Recreation

Healthy Parks, Healthy Portland

PHONE: 503-823-7529

1120 SW Fifth Avenue, Portland, OR 97204

[MORE CONTACT INFO](#)



[Find A Park](#)

[Recreation](#)

[Register](#)

[Nature](#)

[Projects](#)

[Rentals & Permits](#)

[Partners & Donations](#)

[About Us](#)

[Equity & Inclusion](#)

Please choose one of the following options to find a park or facility.

## 1. Search by Name or Keyword

Select a park or facility from the list below

or

Enter a keyword or phrase below

Search

[Discover Portland Parks & Recreation - park map](#)

[Descubra Departamento de parques y recreación de Portland - mapa de parques](#)

## 2. Search by Area, Amenity, and/or Activity

Search

### City Area

☐ Downtown

☐ North

☐ Northeast

☐ Northwest

☐ Southeast

☐ Southwest

☐ Select All Areas

### Amenity/Activity

☐ Accessible Picnic Area

☐ Accessible Play Area

☐ Accessible Restroom

☐ Accessible Tennis Court - Outdoor

☐ Arboretum

☐ Barbeque—First Come - First Served

☐ Baseball Field

☐ Basketball Court

☐ Basketball Court - Indoor

☐ [Beach And River Swimming](#)

☐ BEECN - Basic Earthquake Emergency Communication Node

☐ Dog Off-Leash Area - Fenced

☐ Fitness Room

☐ Football Field

☐ Fountain

☐ Fountain - Interactive

☐ Futsal Field/Court

☐ Gift Shop

☐ Golf Course

☐ Gymnasium

☐ Historical Site

☐ Horseshoe Pit

☐ Pay To Park

☐ Picnic Shelter

☐ Picnic Site - Reservable

☐ Picnic Tables

☐ Playground

☐ Plaza

☐ Preschool Program

☐ Public Garden

☐ Pump Track

☐ Raceway

☐ Riverfront Views

☐ Statue Or Public Art

☐ Swim Pool - Indoor

☐ Swim Pool - Outdoor

☐ Synthetic Turf

☐ Tennis Backboard

☐ Tennis Court

☐ Tennis Court - Indoor

☐ Tennis Court - Lighted

☐ Tours - Guided

☐ Track

☐ Trails - Biking





## SWIMMING

# Portland Is a Beach Town. It's True.

But which in-the-city Willamette River swim spot is the one for you and your crew?

By [Margaret Seiler](#), [Michelle Harris](#), and [Matthew Trueherz](#) • Updated July 27, 2022

[Amid soaring temperatures](#), this week the city of Portland reminded locals that we have a huge river running right through town, and it's usually OK to swim in. While a time traveler from the [1990s](#) might be surprised to learn people would enter the water by choice, major infrastructure projects like the Big Pipe and community efforts to establish beaches and increase river access, spearheaded by the [Human Access Project](#) (the organizer of the [Big Float](#)), have changed Portlanders' relationship with the [Willamette River](#).

While these aren't the only places in town to wade out or jump in (there are choices on the [Columbia River](#), too, and countless [swimming holes](#) in the region),











Boise, Idaho





# Lyon, France








Existing Conditions





## BURNSIDE BRIDGE PEDESTRIAN ACCESS RAMP CONCEPT

OVERVIEW BIRDSEYE  
LOOKING NORTHEAST

GREENWORKS | HUMAN ACCESS PROJECT 

























Fourth Annual HAP Mayoral Swim with Ted  
July 2019





Willie Levenson, Ringleader  
willie@humanaccessproject.com



humanaccessproject.com





# ODOT Region 1 Active Transportation Update

Kerrie Franey

April 2023



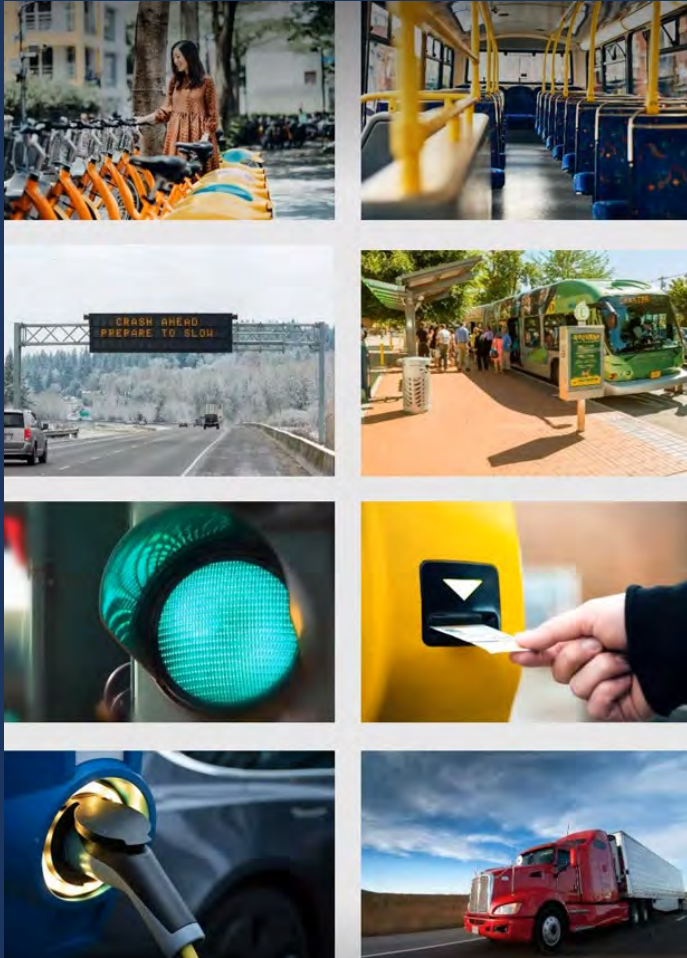
## About Me and About Active Transportation Liaisons (ATLs)



- ❑ An ATL in every ODOT Region – Maria Sipin in R1 previously
- ❑ Tasks include: planning/project development for pedestrian and bicycle infrastructure, grant writing, ADA public inquiries, and coordination within ODOT and with external partners
- ❑ I've been with ODOT for 4 years as a planner in the Major Projects Unit
- ❑ Email me at [kerrie.franey@odot.oregon.gov](mailto:kerrie.franey@odot.oregon.gov)



# Funding Opportunities: Carbon Reduction Program



- ❑ \$82 million over 5 years to fund projects that reduce greenhouse gas emissions
- ❑ Three application areas:
  - ❑ Transportation management areas (Portland, Eugene, and Salem) - \$28.5 million
  - ❑ ODOT Statewide projects - \$29.8 million
  - ❑ Small urban and rural areas with populations less than 200,000 - \$24.1 million
- ❑ Project Selection Criteria
  - ❑ Climate Benefits
  - ❑ Local Support and Engagement
  - ❑ Equity
  - ❑ Opportunities and Innovation
  - ❑ Project Readiness
- ❑ Call for projects for small urban and rural areas through May 31
- ❑ [Program Website Link](#)



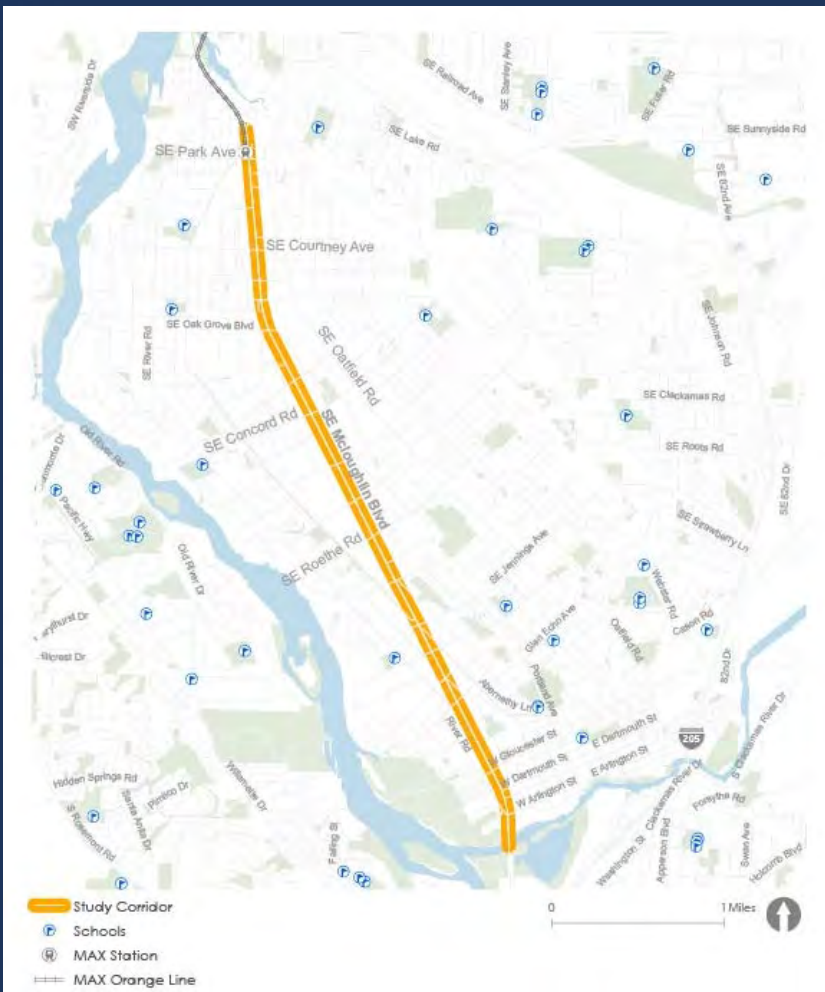
# Funding Opportunities: Innovative Mobility Program



- ❑ \$20 million over 3 years to fund projects that improve access to public transportation, reduce the number of trips made by car, and reduce greenhouse gas emissions
- ❑ Microgrants up to \$5,000
  - ❑ Eligible entities: government agencies (excluding ODOT), public schools or districts, transportation management associations, public transportation providers, businesses providing community services, and 501(c)(3) registered nonprofits
  - ❑ Funding can be used for: community events, bicycle racks, safety gear, transit passes, marketing of existing services, translation of materials, minor infrastructure projects, research
- ❑ Large competitive grants to be available late 2023
- ❑ Pilot Program; future funding dependent upon OTC
- ❑ [Program Website Link](#)



# Engagement Opportunities: McLoughlin Investments Strategy



- ❑ Will identify near-term (withing next 10 years) projects to improve transportation safety of people walking, biking, rolling and accessing transit.
- ❑ The study area includes a 5-mile section of McLoughlin Blvd just south of Milwaukie to the Clackamas River.
- ❑ Currently, there is not funding for the recommended projects, but having the list allow for matching future funding opportunities.
- ❑ Participate in the Online Open House & Survey
  - ❑ Ends Today, April 5<sup>th</sup>, 2023
- ❑ [Project Website Link](#)



# Engagement Opportunities: Statewide Transportation Improvement Program (STIP)

- ❑ Oregon Transportation Committee (OTC) released the draft 2024-2027 STIP
- ❑ The STIP lays out where ODOT will invest federal and state money through specific projects
- ❑ This draft STIP includes:
  - ❑ Major investments in repairing and replacing deteriorating bridges
  - ❑ Significant increases for public and active transportation to help people get around
  - ❑ Increased funding for projects that improve safety on state highways and local roads
  - ❑ More money for local governments to invest in their priorities
  - ❑ Major investments in ADA curb ramps to help people with disabilities get around safely
- ❑ ODOT would like hear from you! Public comment period will close on April 28. There are a variety of ways to provide input, including:
  - ❑ Visit our [online open house at Oregon Draft Statewide Transportation Improvement Program](#). It will be open until April 28.
  - ❑ Attend one of our in-person public comment sessions. See the [STIP website](#) for details.
  - ❑ Attend one of our **virtual public comment sessions**, either [April 6, from 6-7 p.m.](#) or on [April 13, from 2-3 p.m.](#)
  - ❑ Send us an email at [ODOT.STIP@odot.oregon.gov](mailto:ODOT.STIP@odot.oregon.gov).
- ❑ [Visit the STIP Website](#)



## Engagement Opportunities: Oregon Bicycle and Pedestrian Advisory Committee (OBPAC)

- ❑ OBPAC advises ODOT in the regulation of bicycle and pedestrian traffic, the establishment of bikeways and walkways, and other statewide bicycle and pedestrian issues
- ❑ Meet 6 times a year
- ❑ Two open seats on the eight-member committee
  - ❑ Youth Position: Individual who is under the age of 21 at the time of appointment
  - ❑ At-Large Position: any Oregon resident
- ❑ Interested in gaining perspectives or experiences on how the active transportation system can better serve folks of different ability levels
- ❑ Reviewing Applications on April 17
- ❑ [Visit the OBPAC Website](#)



# Project Updates: Historic Columbia River Highway State Trail Construction



## ❑ Trail Connections: Viento to Mitchell

- ❑ Viento to Perham will likely be finished by the end of this year
- ❑ FLAP funding for Perham to Mitchell is obligated in 2026

## ❑ Trail Connections: Mitchell Point Tunnel

- ❑ Completion in Spring 2024

## ❑ Trail Accessibility: Eagle Creek Staircase

- ❑ Submitted an Oregon Signature Trails Congressionally Directed Spending request for alternative analysis of a replacement project

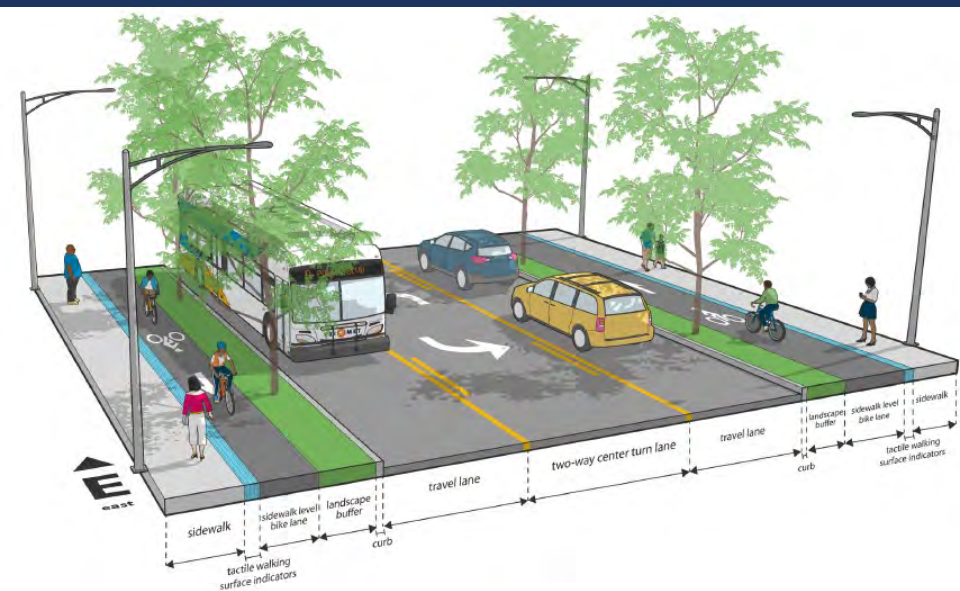
## ❑ Nearby Projects:

- ❑ Received Congressionally Directed Spending funds to create a trail from the I-84 Sandy River Bridge in Troutdale to the Sandy River Delta

## ❑ [Program Website Link](#)



# Project Updates: Great Streets Program



- ❑ \$35 million available statewide
- ❑ Region 1 submitted 4 applications
  - ❑ Washington County – crossings and sidewalk in Cornelius
  - ❑ Multnomah County – intersection and safety improvements on Lombard at Denver
  - ❑ Clackamas County – crossing, sidewalk, bike lanes, and transit stop improvements in Rhododendron
  - ❑ Hood River County – planning for active transportation improvements in downtown Hood River
- ❑ Currently reviewing and scoring
- ❑ 150% list to be announced in May
- ❑ Pilot program
- ❑ [Program Website Link](#)



# Project Updates: Oregon Community Paths



- ❑ \$37 million available statewide
- ❑ Region 1 submitted 14 applications
- ❑ Currently reviewing and scoring
- ❑ Results announced mid-April
- ❑ Future funding dependent upon OTC allocation
- ❑ [Program Website Link](#)





U.S. Department of Transportation



**Kristin Tufte, University of Washington**

**Metro Quarterly Trails Forum  
April 5, 2023**



# What problem are we trying to solve?



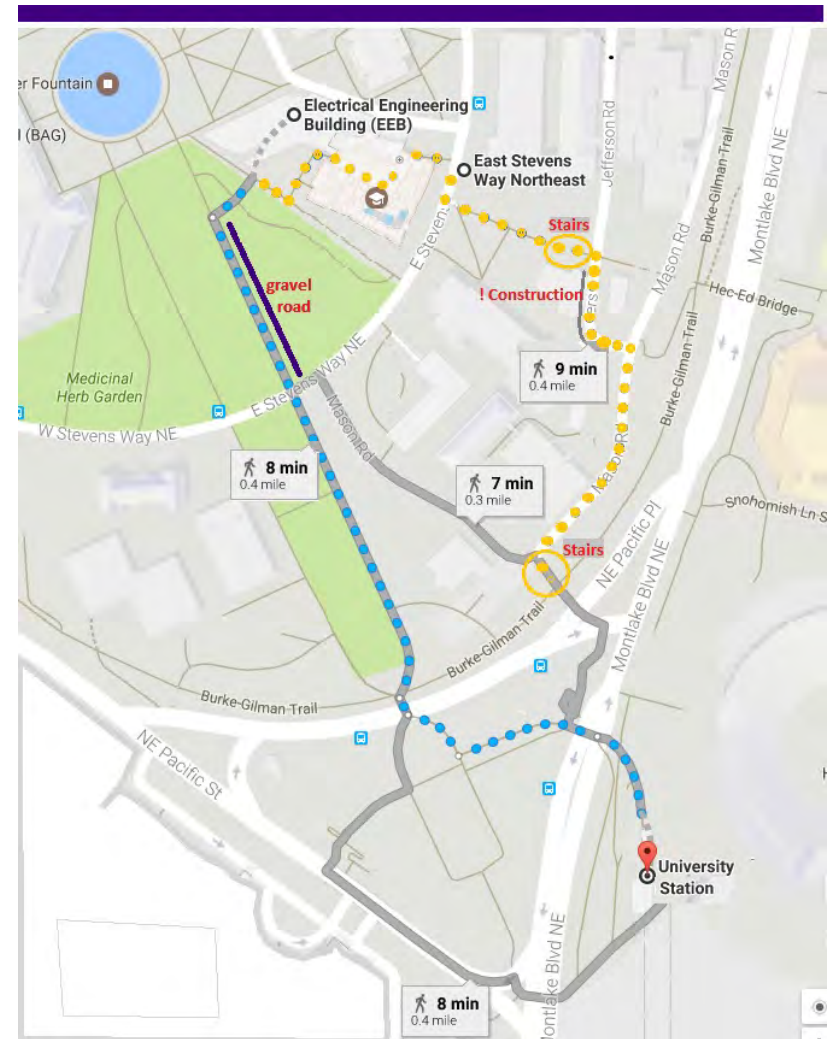
*"Using a tool like directions on Google Maps doesn't really help me get around. Actually, sometimes this does more harm than good. I'm sent down streets I can't cross, or up inclines that are impossible to climb. It can be deeply frustrating."*

**- Research Participant**



# Current maps lack path information

- Would you find this map useful?
- If you:
  - Use a wheelchair
  - Are pushing a stroller
  - Broke your ankle
  - ...





**Walkability/walksheds typically measured “as the crow flies”**

**What can planners do with actual network data?**

**Avoid “as the crow flies” analysis**

4

**Measuring walkability**

[https://www.asla.org/sustainablelandscapes/Vid\\_ActiveLiving.html](https://www.asla.org/sustainablelandscapes/Vid_ActiveLiving.html)



American Society of  
Landscape Architects



# Provide More Equitable Mobility Benefits

Create, modify  
and improve data  
standards

OpenSidewalks

GTFS-Pathways  
(transit stations)

GTFS-Flex  
(on-demand transit)

Tools to collect,  
store and share  
the data

Data Collection

Data Vetting

Data Provisioning  
Services

Demonstrate the  
value of the data

Multimodal  
AccessMap

Soundscape

Audiom



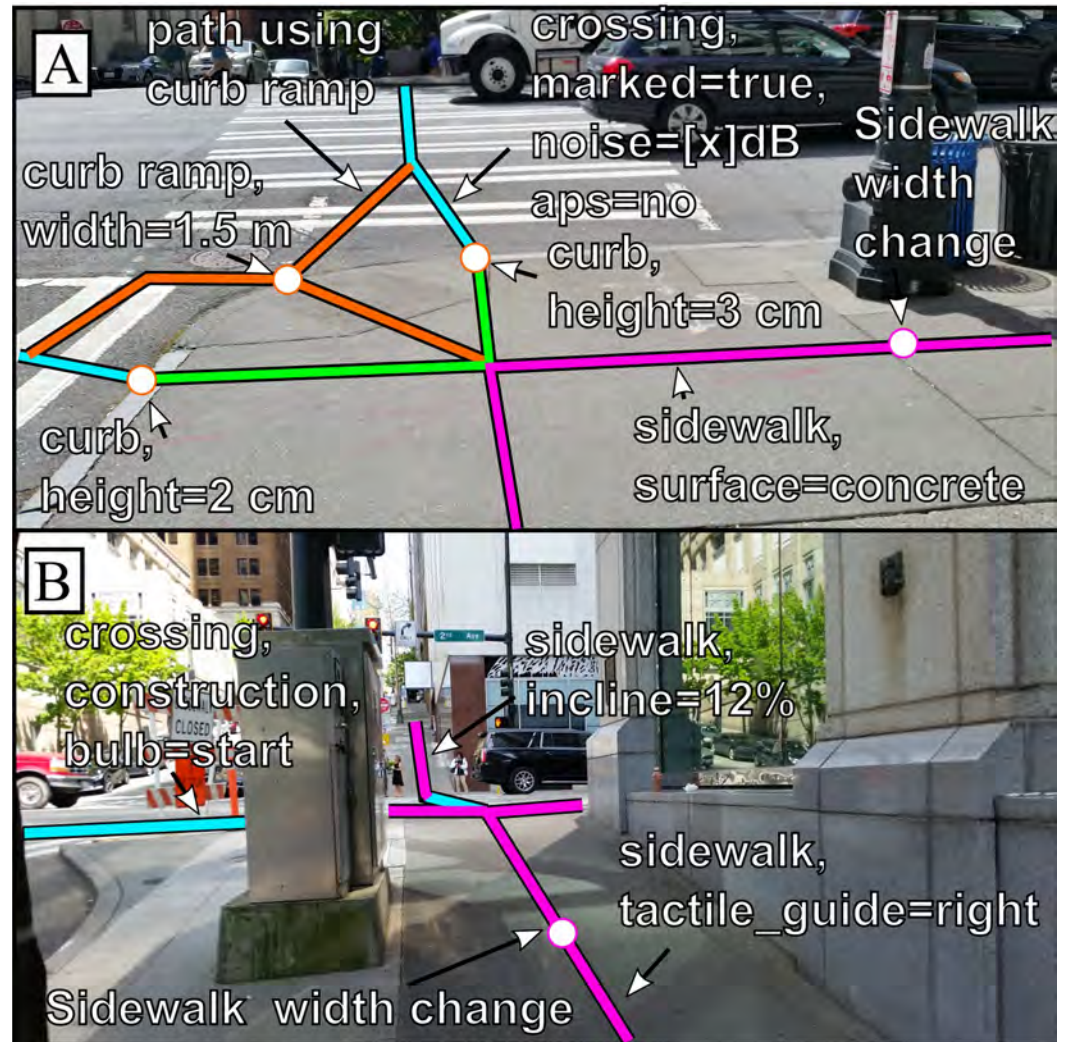


# Data Standards: Pedestrian Network

What data do we need for routing in pedestrian ways?

The minimal (US-centric) set of urban pedestrian paths are:

- Street crossings
- Sidewalks
- The connections between them (we call these 'links')
- Curbs (kerbs) at crossings



Source: University of Washington



# Trip Path with Travel Preferences

The screenshot displays the Accessmap.io interface for planning a trip in Seattle. The origin (A) is the Fairmont Olympic Hotel at 411 University St, and the destination (B) is the Space Needle at 400 Broad St. The route is highlighted in blue on a map of downtown Seattle, passing through Belltown and the Central Business District. The interface includes several settings:

- Custom** mode with icons for walking, wheelchair, and stroller.
- Maximum uphill steepness:** 8% (indicated by a slider).
- Maximum downhill steepness:** 10% (indicated by a slider).
- Avoid barriers:** A toggle for "Raised curbs" is turned on.
- SAVE** button.
- Trip options:** Date set to 10/21/2022 and time to 4:44 PM.

The route summary at the bottom indicates a distance of 1758 meters and a duration of 36 minutes. Buttons for "TRIP INFO" and "DIRECTIONS" are provided. The map shows various landmarks like Denny Park, Pike Place Market, and the Seattle Aquarium.

Source: Accessmap.io



# Deployment Sites

---





# University of Washington (UW) ITS4US Team

---



Anat Caspi, PhD  
UW, PI, DDL



Mark Hallenbeck  
UW, PBL



Kristin Tufte  
UW, DMAL



Adam Danczyk  
Cambridge  
Systematics



Alice Marecek  
Cambridge  
Systematics



Suresh  
Devalapalli,  
GS



# TDEI Engagement

---

OpenThePaths Workshop – April 21, 22, 2023

In person & remote

<https://tinyurl.com/OpenThePaths2023>

Project web site:

<https://transitequity.cs.washington.edu/>

Let us know how you're interested in collaborating:

<https://forms.gle/CX3Vbs8DHXSf6tpB9>



# ITS4US Contact Information

---

Kristin Tufte

Data Management Architect Lead, University of Washington

[katuw@uw.edu](mailto:katuw@uw.edu)

Anat Caspi

Deployment Development Lead, University of Washington

[caspian@cs.washington.edu](mailto:caspian@cs.washington.edu)

Elina Zlotchenko

Program Manager, ITS JPO

[Elina.Zlotchenko@dot.gov](mailto:Elina.Zlotchenko@dot.gov)

Visit the ITS4US Deployment Program Website:

<https://its.dot.gov/its4us/>



# Questions & Answers



# SalmonberryTrail



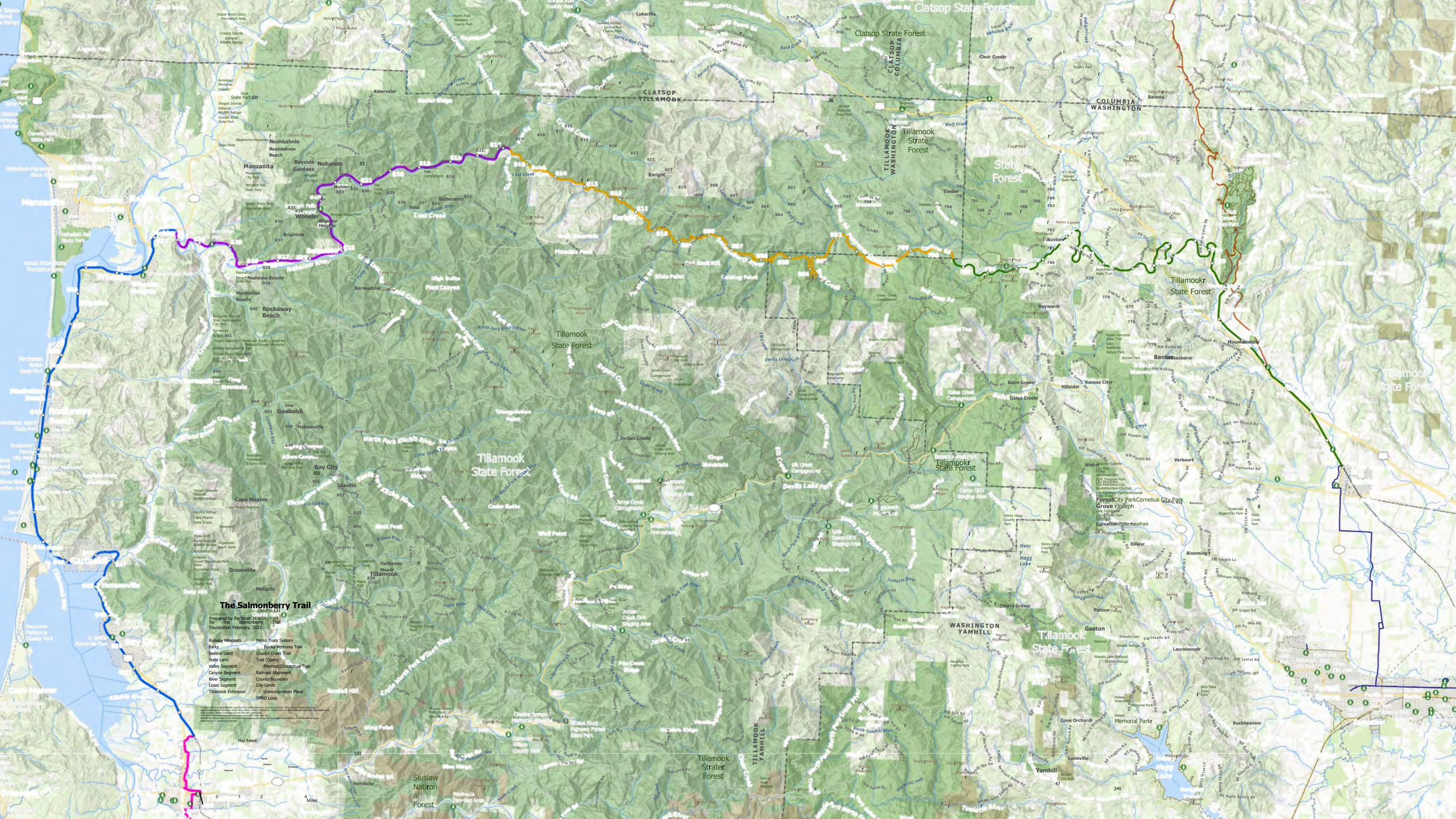
RAILBANKED AND READY TO BUILD



THE SALMONBERRY TRAIL  
UNIQUELY OREGON

*82 MILES FROM THE CITY OF BANKS TO  
THE CITY OF TILLAMOOK*







# RECENT HISTORY

**Fall 2011** – The Port of Tillamook Bay approached the state and Cycle Oregon with a request to help explore a vision for creating a trail within the old rail line that was destroyed in 2007 storm.

**2015** - The Oregon Legislature formed STIA. Initial concept plan completed.

**2019** - The Salmonberry Trail Foundation formed to support these community efforts to build and maintain the Salmonberry Trail. Funded by private donations and grants. (Travel Oregon, Tillamook County, Washington County)

**2021** - Segment Concept Plans (four) completed for the full trail





# EARLY HISTORY

**The Salmonberry Corridor runs through the Ceded Lands and Aboriginal Homelands of the Confederated Tribes of Grand Ronde**

Tualatin Band of Kalapuya people ("Tualatin Kalapuya") inhabited the locations of the Salmonberry Trail in what is now Washington County. Nehalem Band of Tillamook people ("Nehalem Tillamook") inhabited the locations of the Salmonberry Trail in what is now Tillamook County.

The Nehalem Tillamook negotiated a treaty with the U.S. in 1851, but it was not ratified by Congress. The Tualatin Kalapuya were signers of the ratified Willamette Valley Treaty of January 22, 1855.









# RAILROAD & LOGGING HISTORY

The Pacific Railway & Navigation (Punk, Rotten and Nasty) railroad that was constructed between 1905 and 1911.

In an area with 200 inches of rain, by hand, horse and steam equipment men and women built over 80 miles of rail with 93 bridges and 13 tunnels.

The railroad allowed access to old-growth timber, moving lumber and later moving people from the valley to the coast.





Punk Rotten and Nasty



**67 TRESTLES**

**5 BRIDGES**

**10 TUNNELS**







Arey Photo c 1918  
Guy Dunscomb Collection







**Photograph 1-4. Foss Rd Bridge And Confluence Railbed (2008)**



**Photograph 1-5. Central Canyon Destroyed Railbed (2018)**

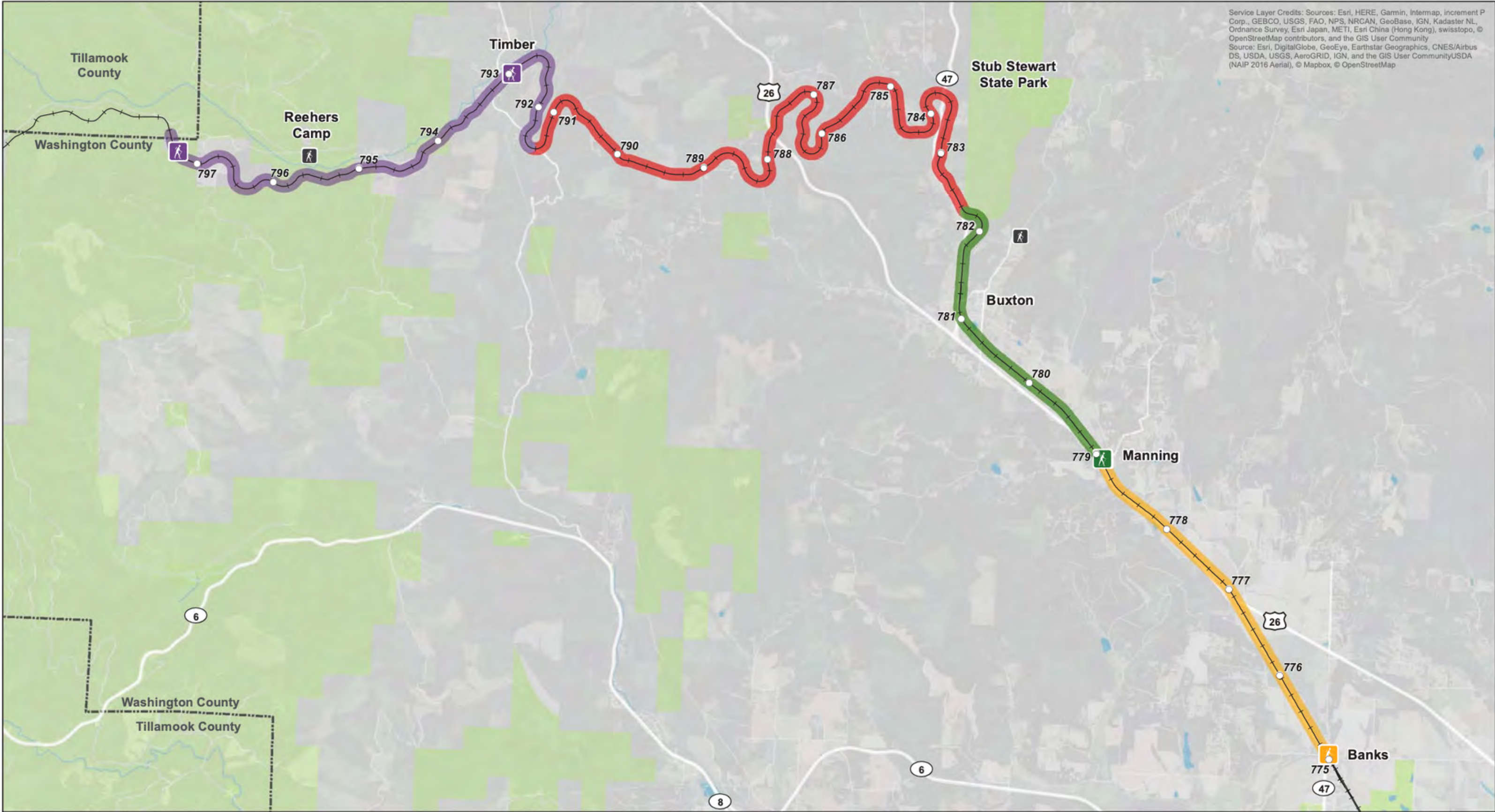


**Photograph 1-6. Rails and Ties in Air (2020)**



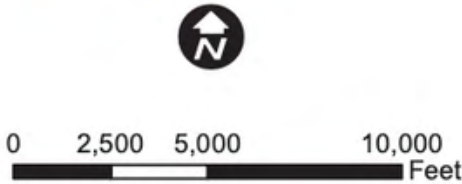
**Photograph 1-7. Kinney Creek Tunnel-Collapsed Trestle (2018)**





Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community  
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community  
(NAIP 2016 Aerial), © Mapbox, © OpenStreetMap

Parametrix



- |                 |                    |                        |
|-----------------|--------------------|------------------------|
| ○ Milepost      | <b>Trail Phase</b> | <b>Trailhead Phase</b> |
| — Railroad      | ■ To be Determined | ■ To be Determined     |
| --- County Line | ■ Near-Term        | ■ Near-Term            |
|                 | ■ Mid-Term         | ■ Mid-Term             |
|                 | ■ Long-Term        | ■ Existing             |

Salmonberry Trail Valley Segment Study

Figure 9-1. Phasing Concepts



# Work In-Process

## Tillamook County

- Rockaway Segment
- Tillamook Creamery Segment
- Tillamook County Trails Meeting

## Washington County

- City of Banks Parking Expansion
- Banks to Manning Segment
- Manning to Buxton Segment
- Buxton to Williams Creek Segment (into Stub Stewart State Park)



Figure 10. Buxton Trailhead Parking Concept Layout Plan



Parametrix DATE: August 18, 2022 FILE: PS8777001TRAILHEADS



LEGEND



**Buxton Trailhead Parking  
Concept Layout Plan**  
Washington County, OR









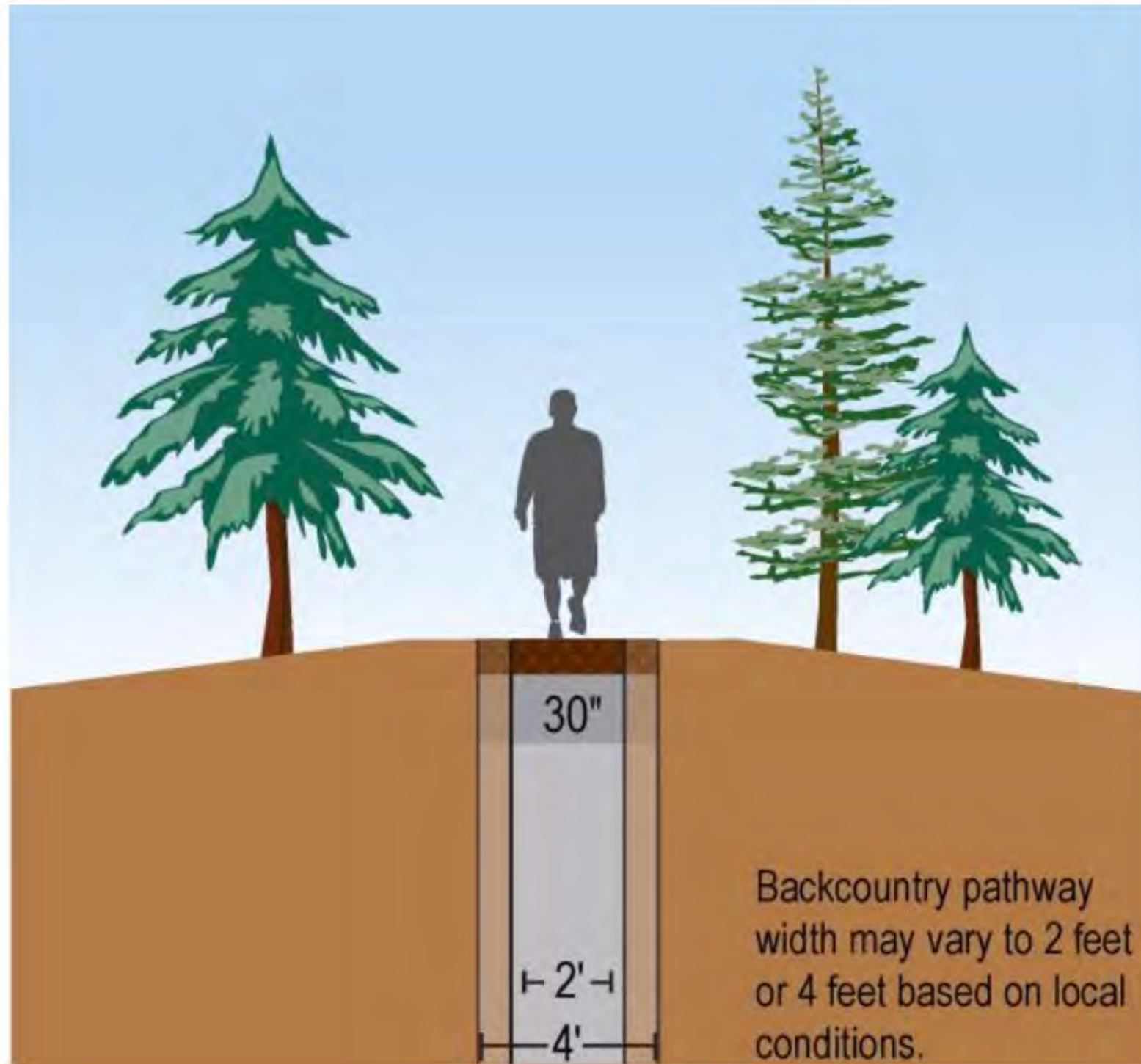












**Figure ES-3. Backcountry Path**

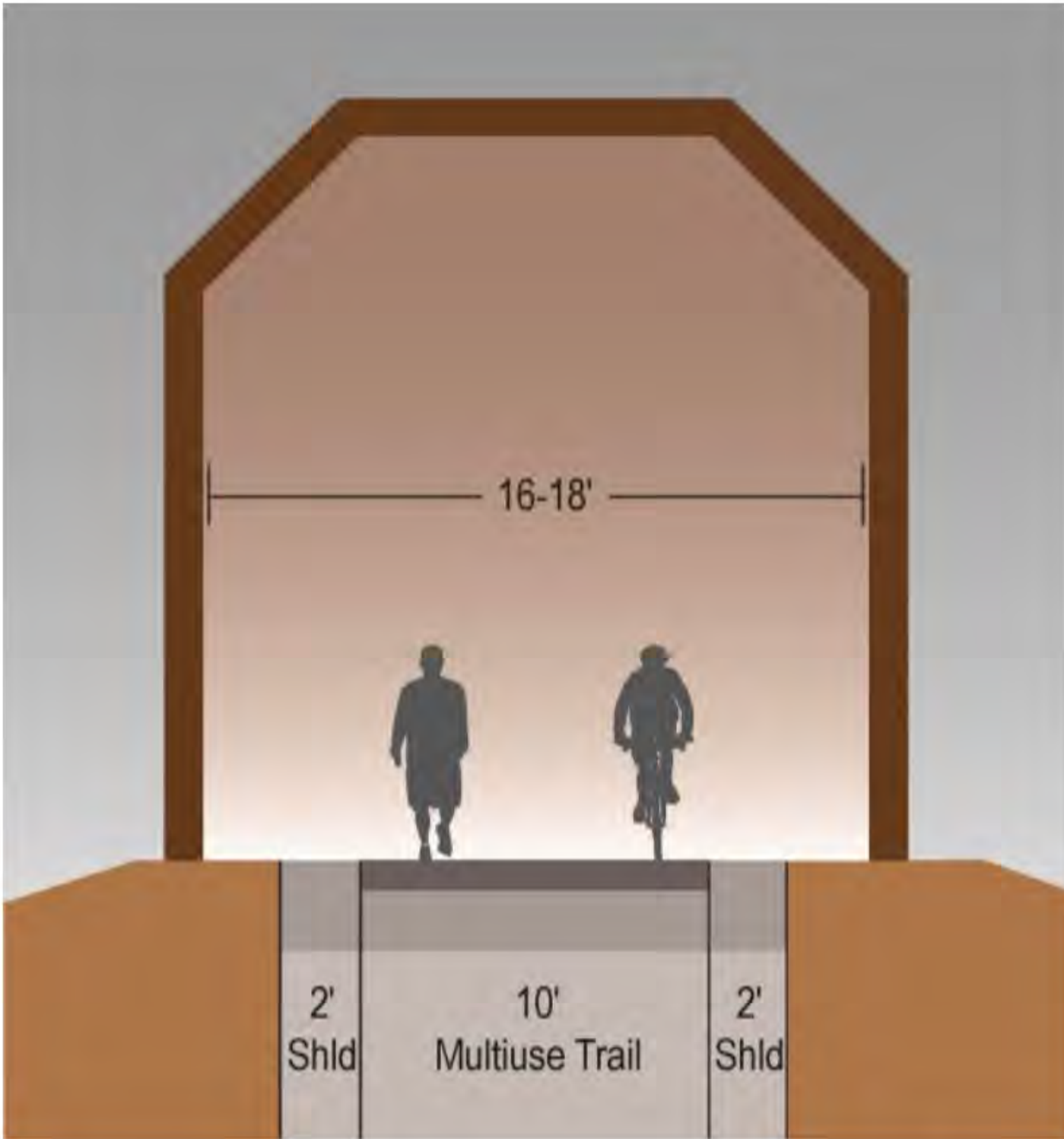


**Figure ES-4. Railbed Trail**

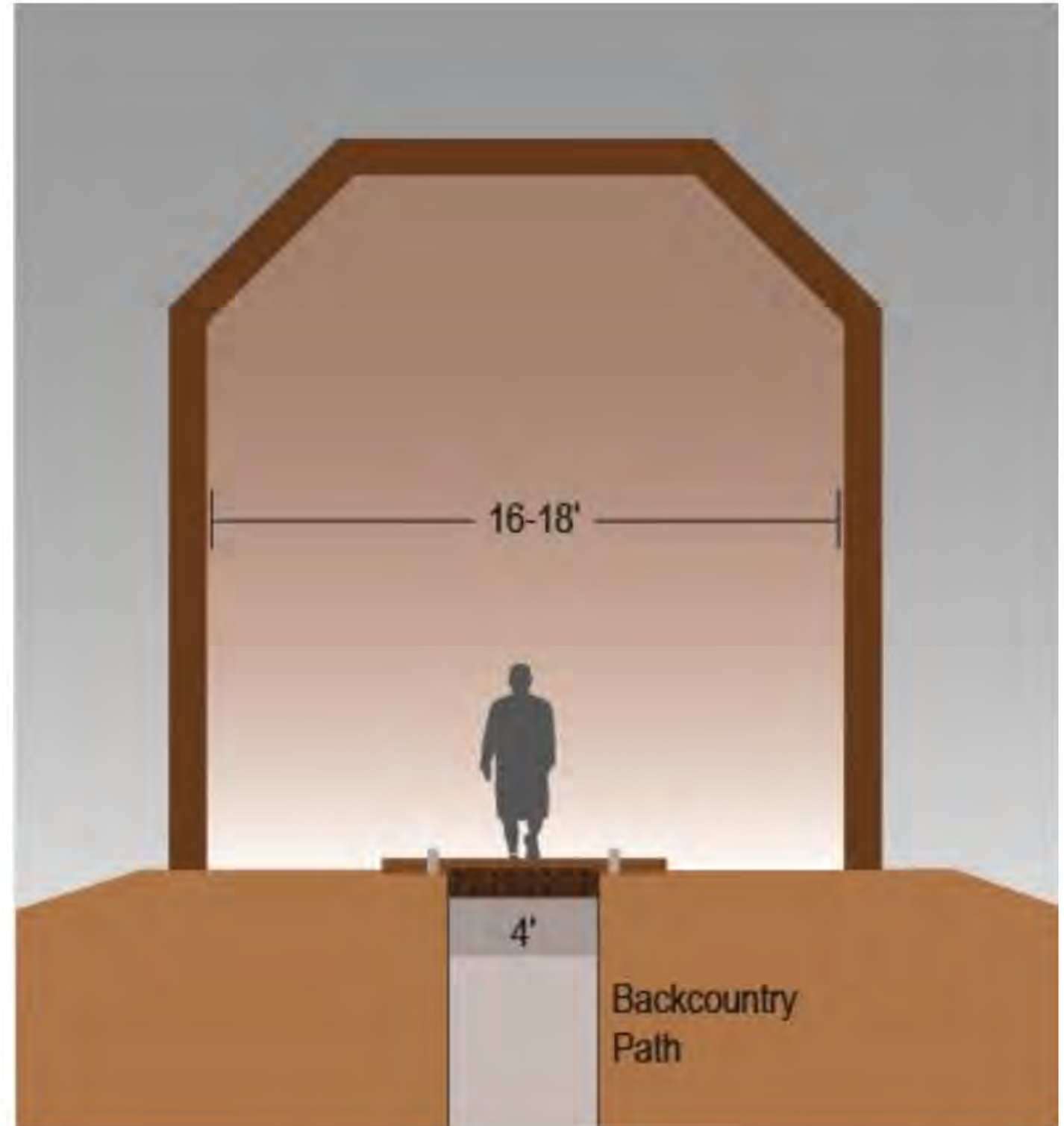








**Figure ES-8. Multiuse Tunnel**



**Figure ES-9. Backcountry Path Tunnel**







# **BUILDING THE SALMONBERRY COMMUNITY WE NEED YOUR EXPERTISE**

## **Salmonberry Ambassadors**

Connecting Community. Connecting Funders. Discovery Tours.

## **Salmonberry Trail-Blazers**

Volunteer Leaders. Clearing Trail. Discovery Leads (mile by mile/history)

**May 2023 Spring Fling** - stay tuned for ticket information.

1/2 day gathering to fund Salmonberry Trail (beer, music, history & trail tour)

















YOU ARE NEEDED

JOIN OUR SALMONBERRY TRAIL BUILDING DISCUSSION

SEEKING TRAIL EXPERTS - RETREAT @ TBD

**CAROLINE@SALMONBERRYTRAIL.ORG**







**Salmonberry**Trail

HELP US BUILD THE  
SALMONBERRY!



[SALMONBERRYTRAIL.ORG/DONATE](https://salmonberrytrail.org/donate)



# **Mt Scott Headwaters Project**

**By: Rivers of Life Center and**

**Clackamas County Water**

**Environmental Services**

- **500 plus acres of new habitat, stream courses, and public trails.**
- **“Built Environments”**  
include....beaver dams, muskrat houses, raptor nest platforms
- **Interpretative and Educational Signage**



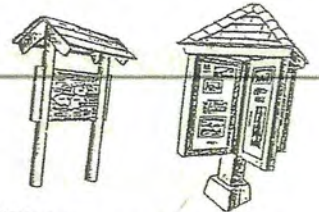
*Help us Dedicate and Tour*

# "Mt. Scott Headwaters - for People and Wildlife Project"

**Habitat Restoration  
Redevelopment**  
**Wed., March 4<sup>th</sup> 2020**  
**4-6:30pm**



*Eagle Landing*



KIOSKS for use in outdoor interpretive exhibits, information presentation programs, and for brochure and literature dissemination in high visibility settings.

To Reserve Tickets, Call us at  
(503) 260-3432 or email us at  
[riversoflifecenter@gmail.com](mailto:riversoflifecenter@gmail.com)

- See Youth Who Built it in Action
- Visit Beaver Dams
- See Plastic Lumber Signs
- Meet our Birds of Prey

**Tours start at 4pm, Dedication Events, Fine Food and Beverages start at 5pm**



**Meet at Eagles Landing and Aerie Events Center 10220 SE Causey Avenue,  
Happy Valley, OR**



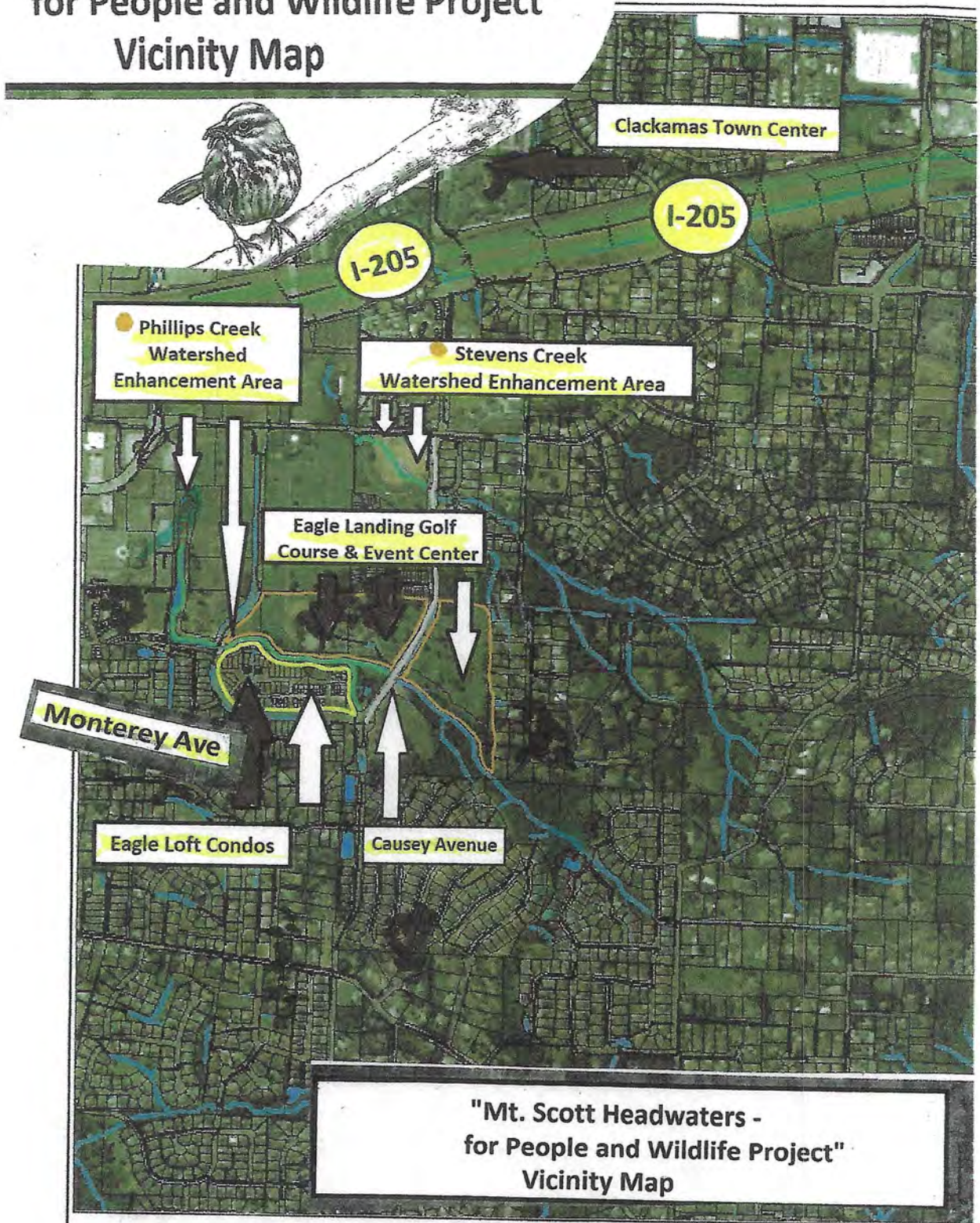
CLACKAMAS

**WATER  
ENVIRONMENT  
SERVICES**

**All events are free, so come join us!**



# "Mt. Scott Headwaters - for People and Wildlife Project" Vicinity Map



A 100' - 4000' AS

Headwaters Creeks (In Blue)

Stream-Way Enhancement Areas (In Teal)

W

N

E



# "Mt. Scott Headwaters - for People and Wildlife Project"

## Vicinity Map



Beaver Lodge

Creek Corridor

New Trails



Creek Corridor

Perennial Creek

Native Plants Integration

- Currant
- Serviceberry
- Oregon Grape
- Western Hemlock
- Western Red Cedar
- Willamette Valley Pine
- Wild Rose
- Wild strawberry

- Currant
- Serviceberry
- Oregon Grape
- Western Hemlock
- Western Red Cedar
- Willamette Valley Pine
- Wild Rose
- Wild strawberry

Demonstration  
Garden and Wildlife

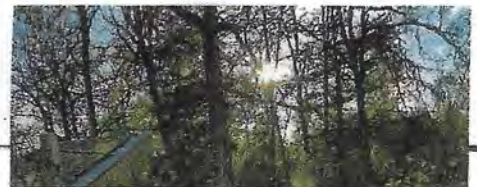
New Trails

Wildlife Walk

Eagle Aerie Parking Lot

Nest Box and Platform Installations:

Garden and Wildlife Walk





## **Project Partners**

- **Clackamas County Water Environmental Services – *Community Stewardship Grant Program***
- **Oregon Department of Higher Education/Oregon Youth Corp**
- **Eagles Landing Golf Course & Aerie Event Center**
- **Union Pacific Railroad & Foundation**
- **Legacy Leaders included Senator Bob Packwood Developer John Gray, Precision Cast Parts Founder Ed Cooley**





**Diversity, Inclusion, and Equity included cultural history walking tours with youth and Pioneer Legacy characters**





**500-acre Mt. Scott  
Headwaters Project  
removed invasives, created  
trails, built functioning  
environments**





**Oregon City JROTC cadets  
built bridges, created new  
stream courses, installed  
4,000 ft of trails.**





**Watershed grant helped  
improve on-site ponds  
while providing at-risk  
youth with real  
employment opportunities**





**Meet our Urban Wildlife series with hawks, owls, and eagles are conducted annually.**





**Licensed Birds of Prey  
expert presents to  
students at partnering  
Eagle Landing's Aerie  
Events Center.**





**Adjoining groomed golf course has new lake, nesting cover, and visiting ducks, geese, muskrat, and hunting eagles. Golf course is called Eagle Landing Golf Course and Aerie Events Center**