

September 30, 2025 | Oregon City Business Alliance
Presented by: Greg Geist, WES Director
Jeff Stallard, P.E., WES Capital Program Manager



Vision & Mission

VISION

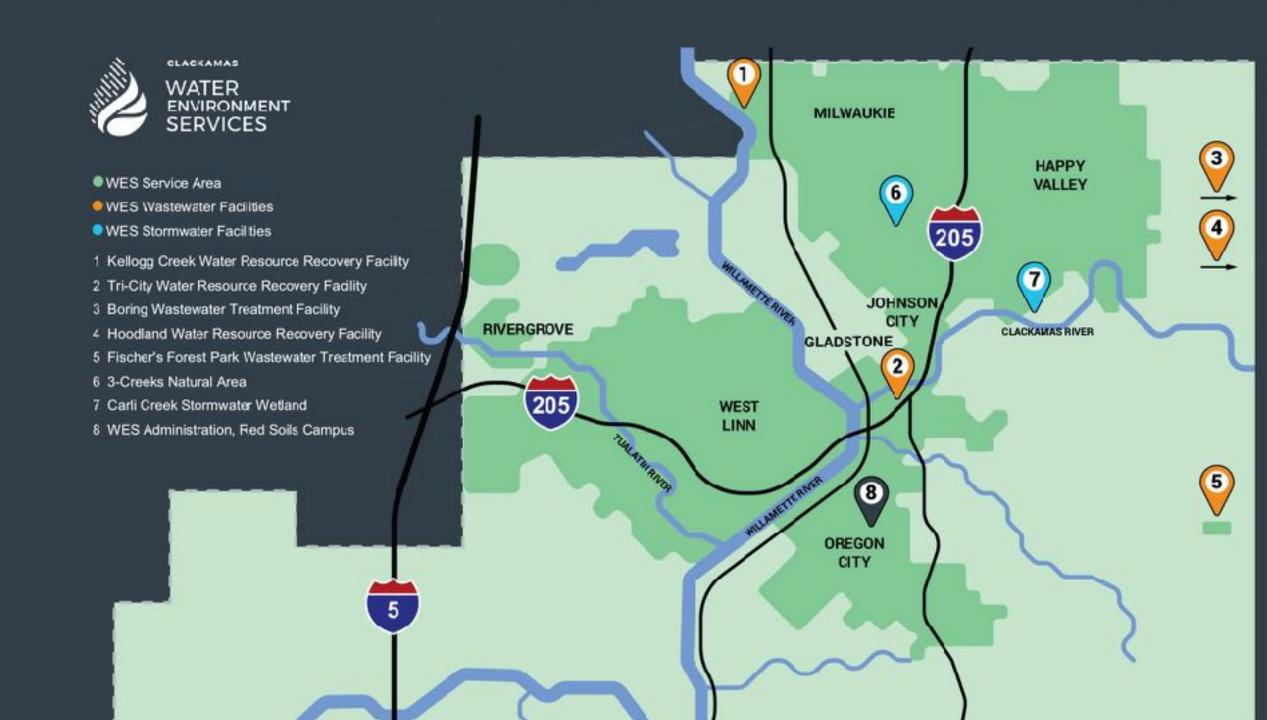
Be a collaborative partner in building a resilient clean water future where all people benefit, and rivers thrive.

MISSION

Clackamas Water Environment Services (WES) produces clean water, protects water quality and recovers renewable resources. We do this by providing wastewater services, stormwater management, and environmental education.

It's our job to protect public health and support the vitality of our communities, natural environment, and economy.

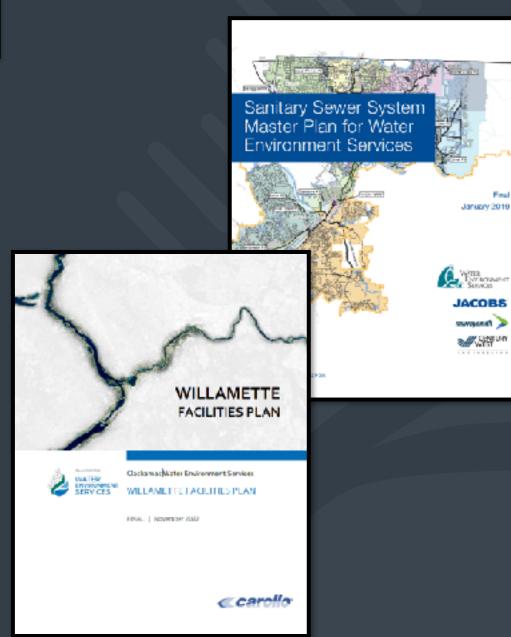




Project Snapshot



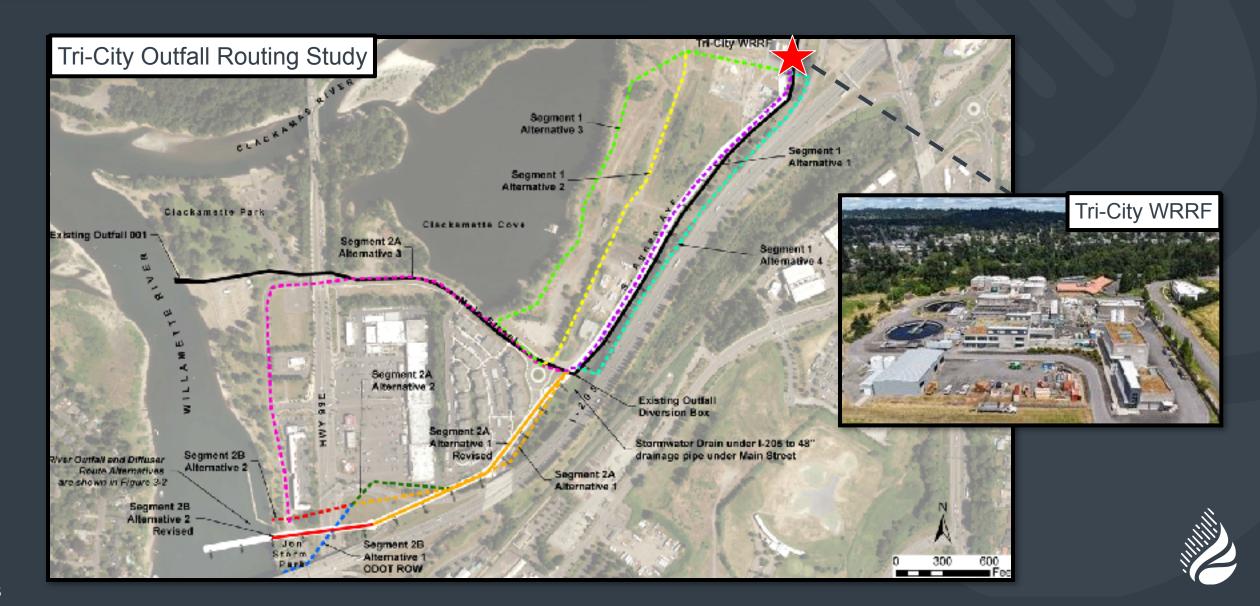






Phase 1





Ballot Measure



April 2020

Virtual Outreach



NACo Award: Innovative Outreach

March 2020

COVID Changes Everything

January 2020

Kick-off Working with Oregon City



Jon Storm Park, Oregon City

October 2020

Ballot Measure Outreach Concludes

November 2020

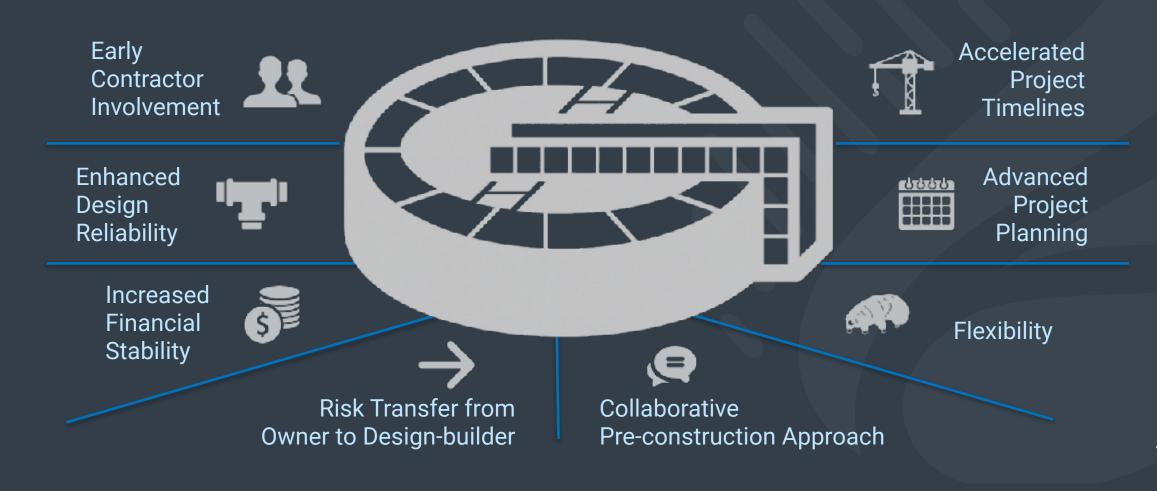
Ballot Measure Passed



Change in Delivery



PROGESSIVE DESIGN-BUILD BENEFITS





Contracts



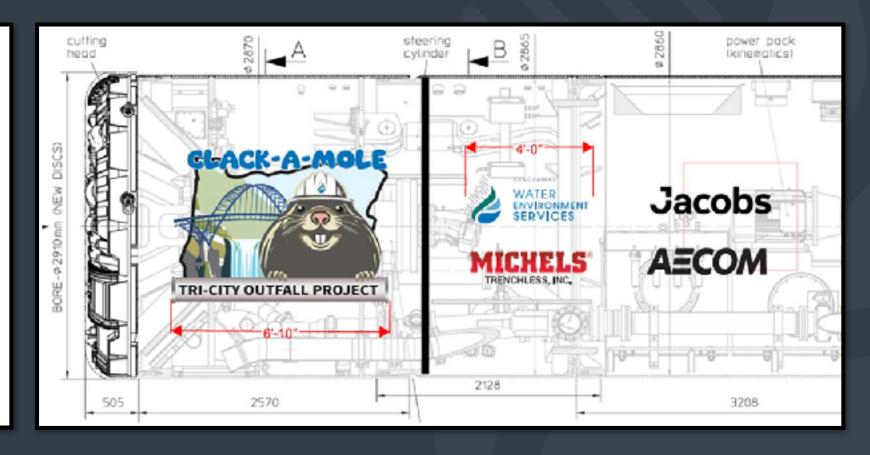
AGREEMENT BETWEEN OWNER AND DESIGN-BUILDER FOR PROGRESSIVE DESIGN-BUILD

Prepared by



Issued and Published Jointly by







PDB Team Dynamic





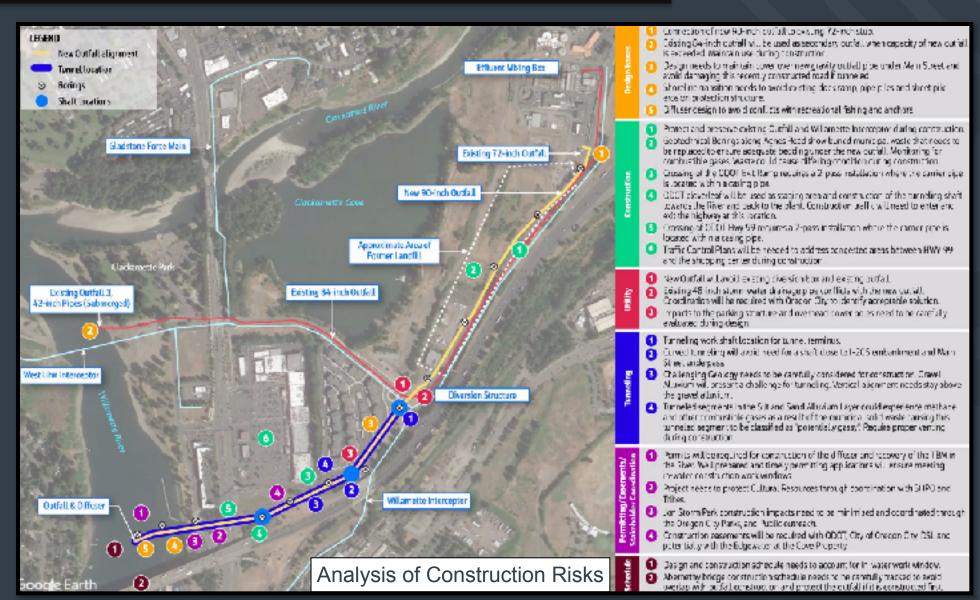
Construction Risk Management





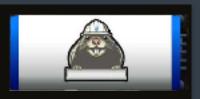
Risk and Choices

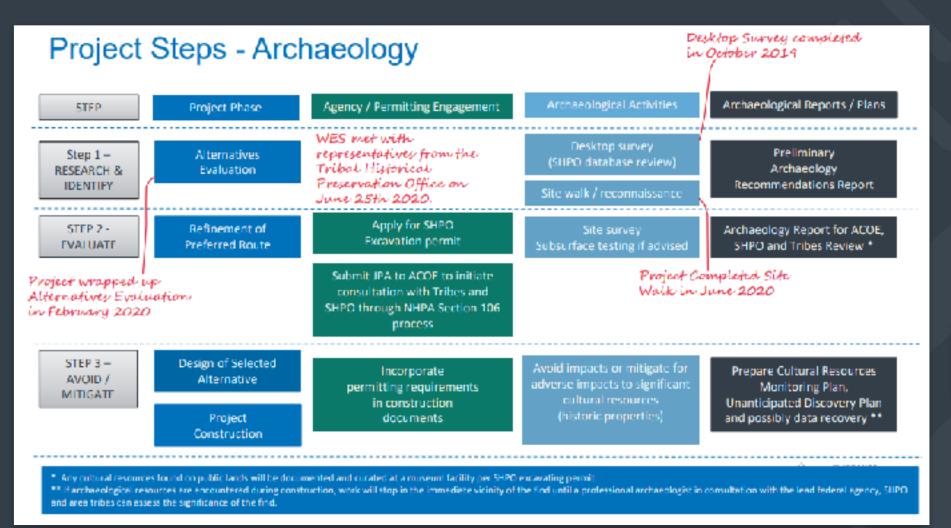






Archeological Input





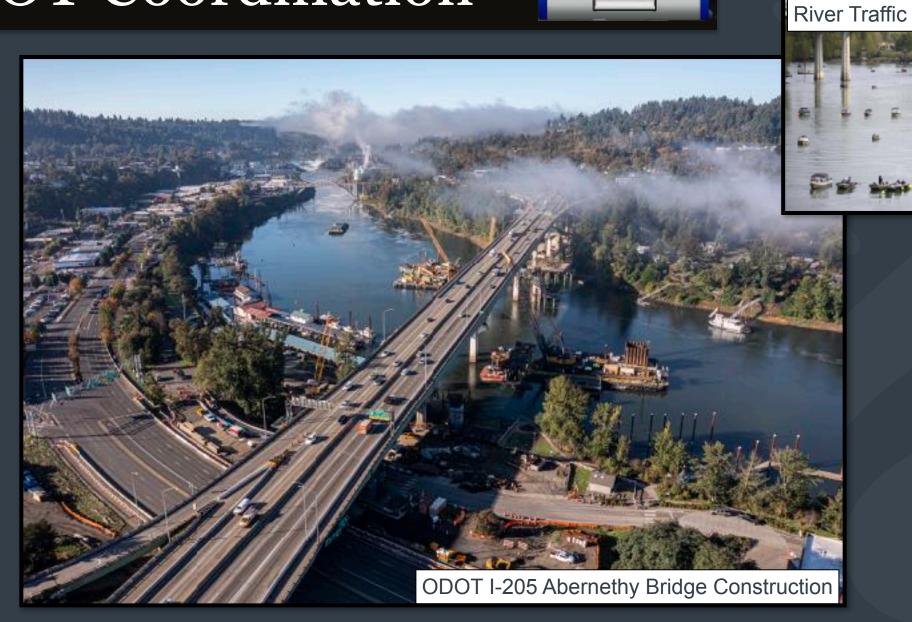






ODOT Coordination







Ground Breaking







Clack-A-Mole Naming





CLACKAMAS COUNTY

Can you dig it? Clackamas County Tunnel Boring Machine officially named "Clack-A-Mole"





Permitting Revisited











Tunnel Launch Event







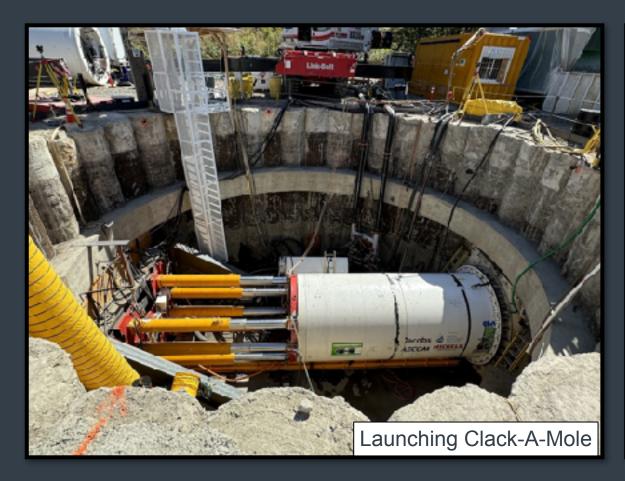






The Tunneling Process



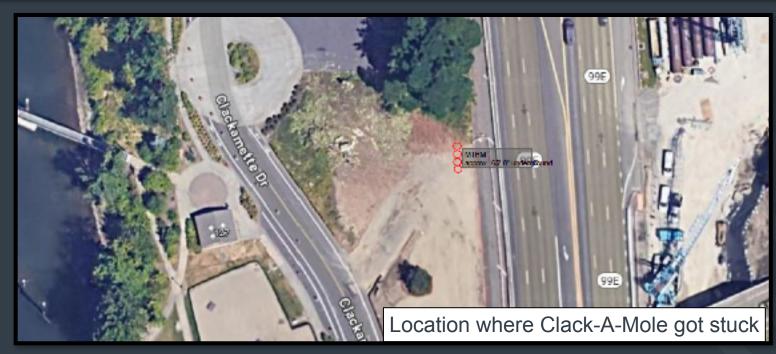


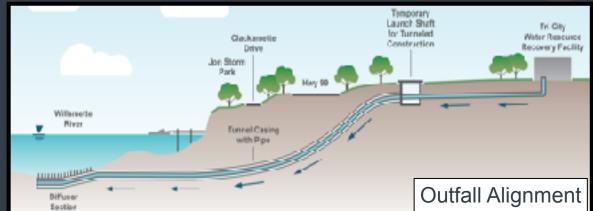


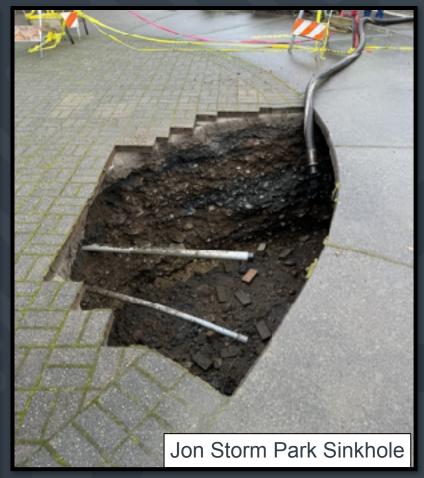


Challenges











River Arrival







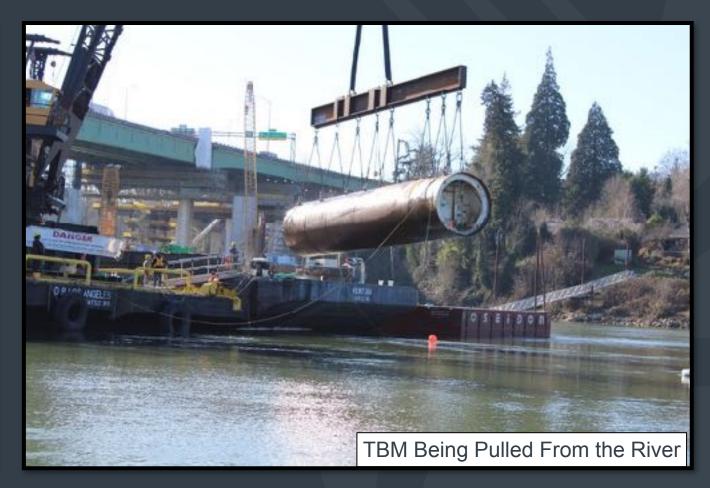




Wet Recovery

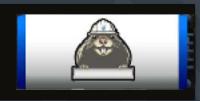


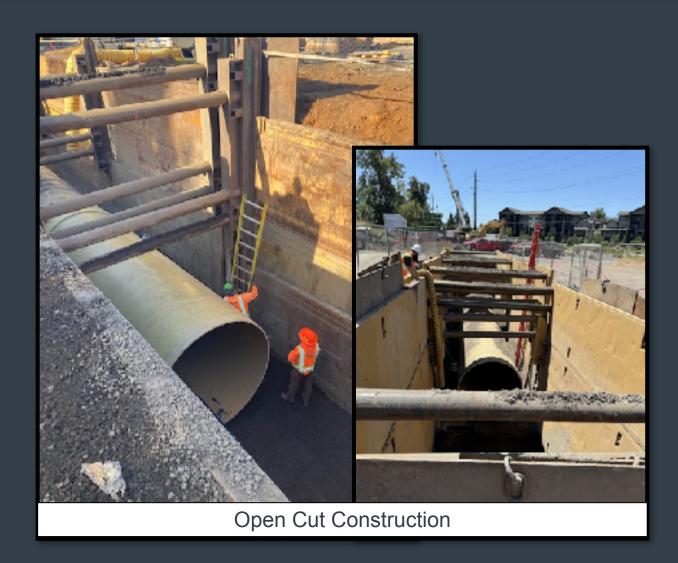
Portland "CLACK-A-MOLE" COMPLETES HALF-MILE TUNNELING FEAT BENEATH **CLACKAMAS COUNTY EN ROUTE TO** WILLAMETTE RIVER 🙇 By Clara Robinson Published on February 06, 2025 Source: Clackamas County





The Other 1/2 Mile









Adjacent Property Owners









In-Water Diffuser Construction













NPDES Permit Renewal







Construction Costs

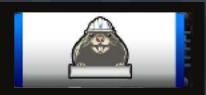


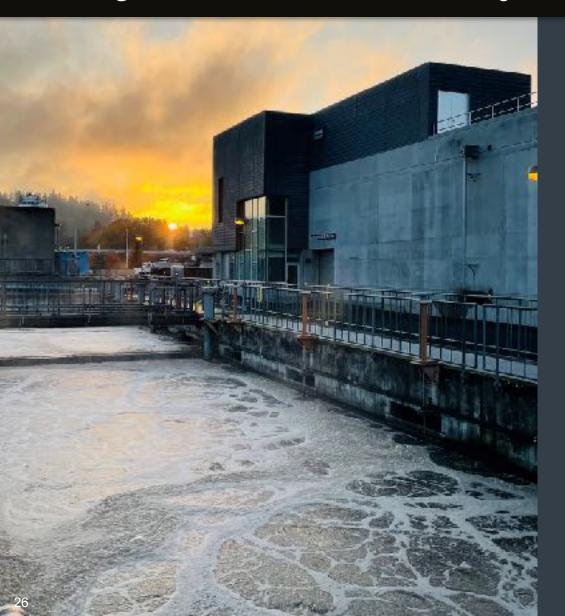


- Original ContractValue: \$58.4M
- Current ContractValue: \$58.4M
- Change and Costs
 Managed with well
 developed Risk
 Register



Major Take-Aways





- Relationships are critical to all projects and are key to project success.
- Always be willing to adjust your expectations and plans.
- Celebrate your success and make it fun.



Acknowledgements

Companies

Michels Trenchless Jacobs <u>AECOM</u>

Tribes

The Confederated Tribes of Grand Ronde

City Partners

Oregon City West Linn

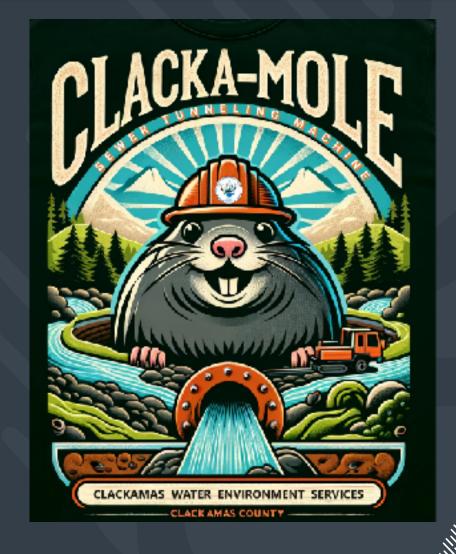
Partner Agencies

ODOT
Oregon Heritage State Historic

Preservation Office

Stakeholders

WES Board of Directors
Business Community
WES Advisory Committee



2025 Outstanding Member Agency Award





