

CBB Proposal & Funding Request

Reach-Scale Planning, Investment Keys Road Bridge to SR107 Bridge

Solving today's habitat, infrastructure, and farmland threats through tomorrow's opportunities.



Port of Grays Harbor

On Washington's Pacific Coast

May 5, 2022
Satsop Business Park



CONSERVATION DISTRICTS
OF WASHINGTON STATE

**Grays Harbor
Conservation
District**

your window to healthy lands

Today's Presentation

1. Reach (Anthony)
2. PoGH Haul Road Erosion (Randy)
3. Proposal & Funding Request (Scott)
4. Discussion (All)

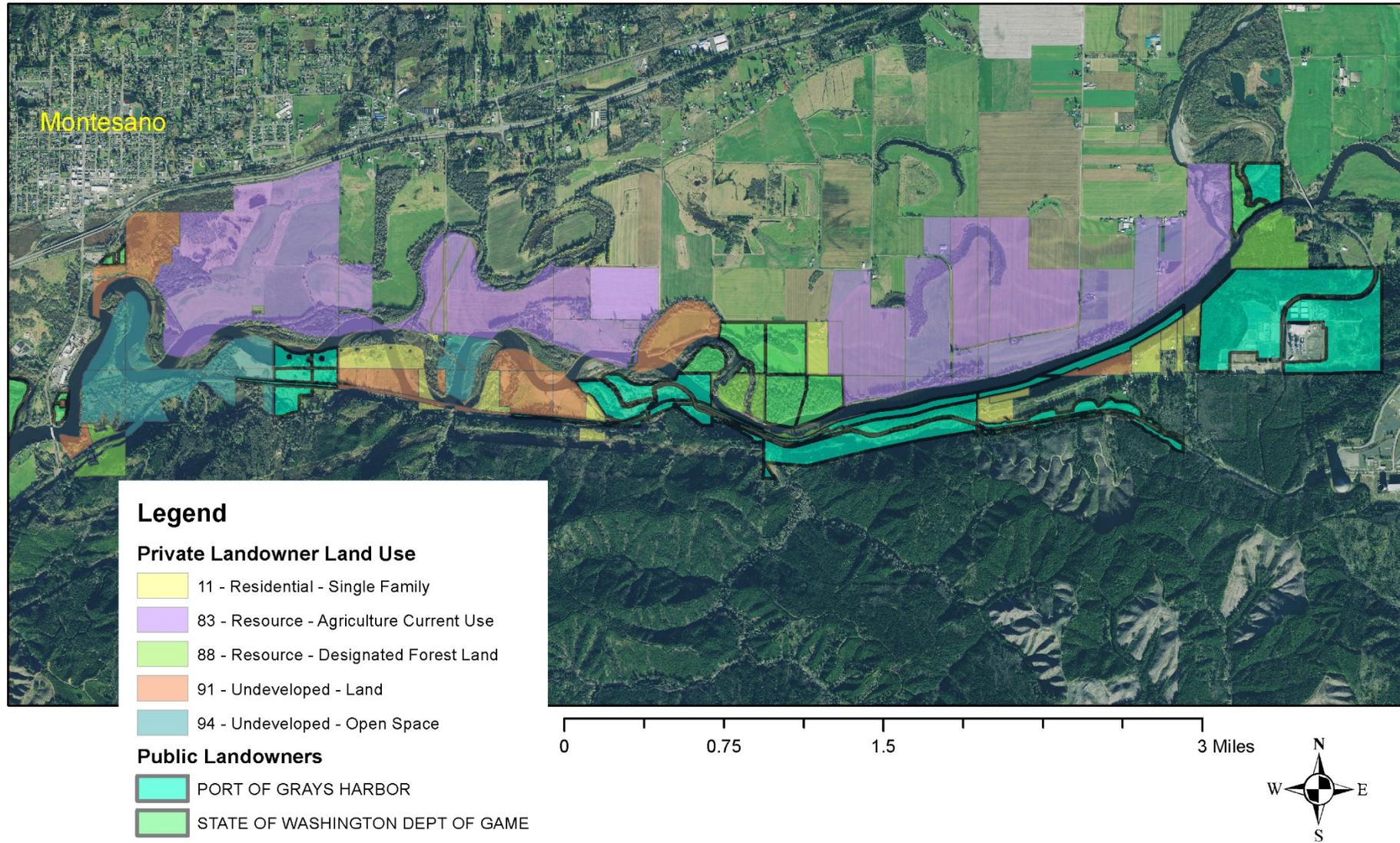
1. Reach



- ✓ 7.5 river miles
- ✓ Significant salmon, steelhead, bull trout migration corridor
- ✓ Long history of farming, commercial/industrial uses, natural resource-based economies
- ✓ Many landowners, many properties
- ✓ Challenging erosion, channel migration, habitat, built-environment issues
- ✓ Sea-level rise predictions are significant
- ✓ ASRP priority implementation area for the Estuary Ecological Region

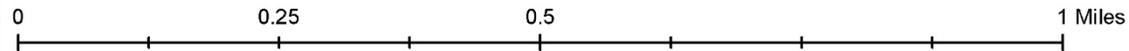
1. Reach (cont.)

Chehalis RM 13-20 Landowner Map

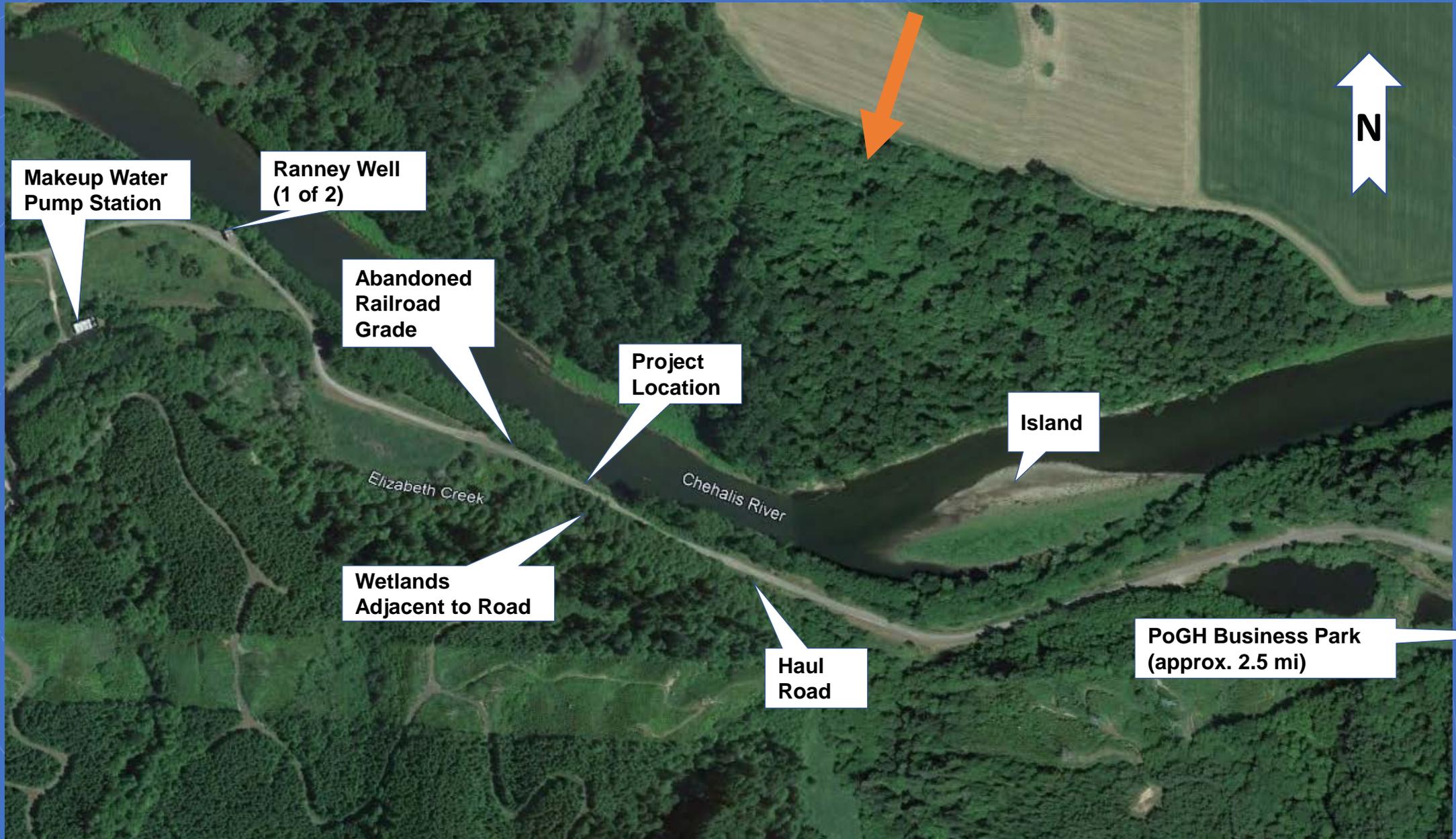


1. Reach (cont.)

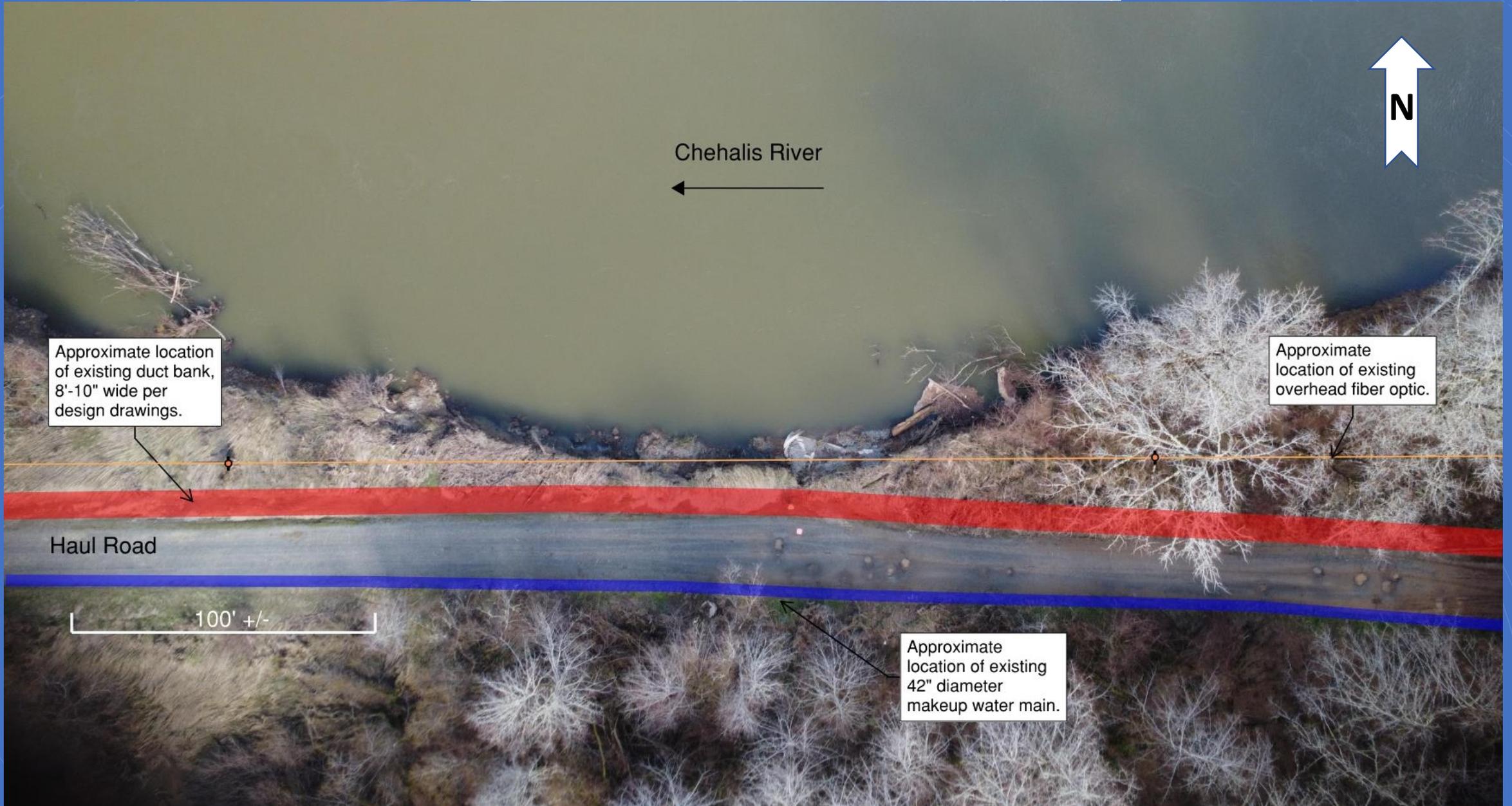
Chehalis RM 15.5-17.5 Concept Plan



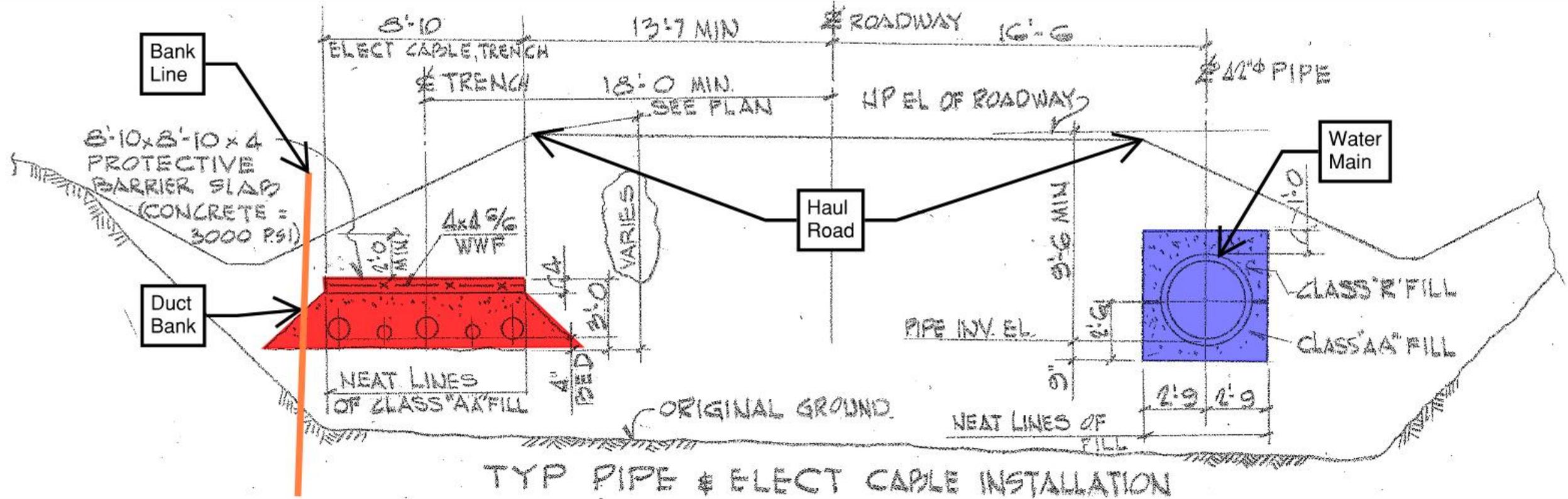
2. PoGH Haul Road Erosion



2. PoGH Haul Road Erosion (con't)



2. PoGH Haul Road Erosion (con't)



2021:

- ✓ 84% of power generated by Grays Harbor Energy was sold in Washington

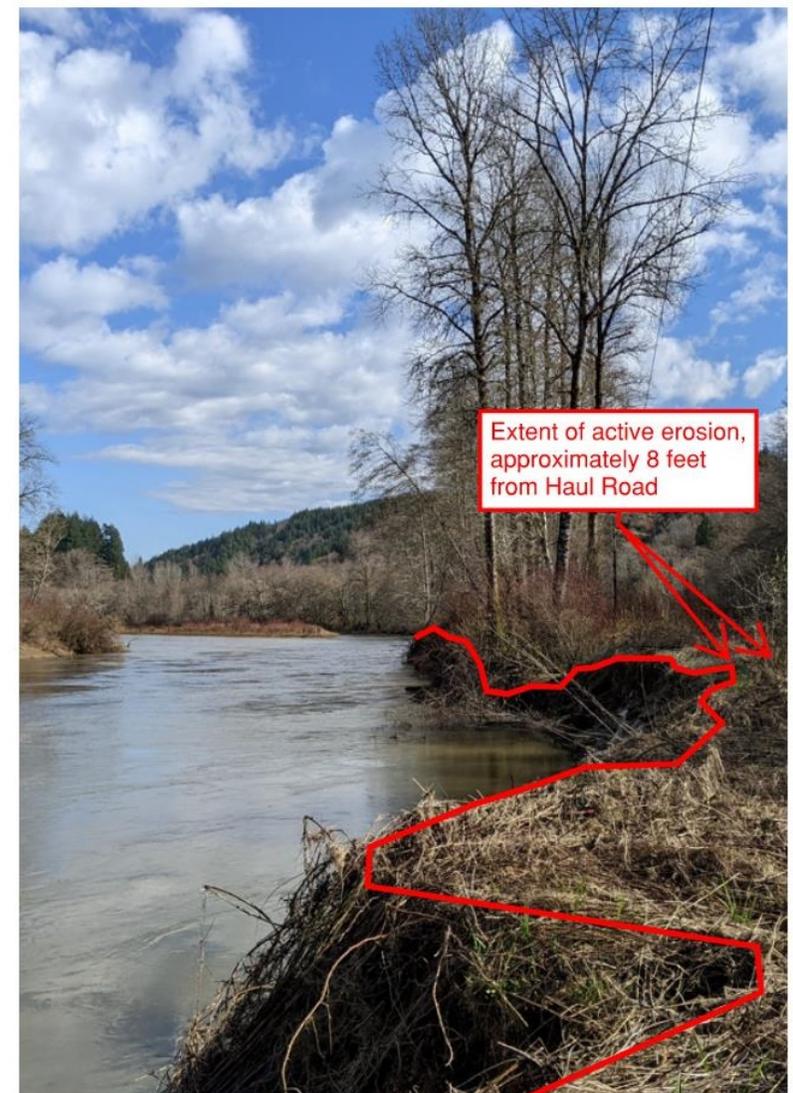
2. PoGH Haul Road Erosion (con't)



11/2/21



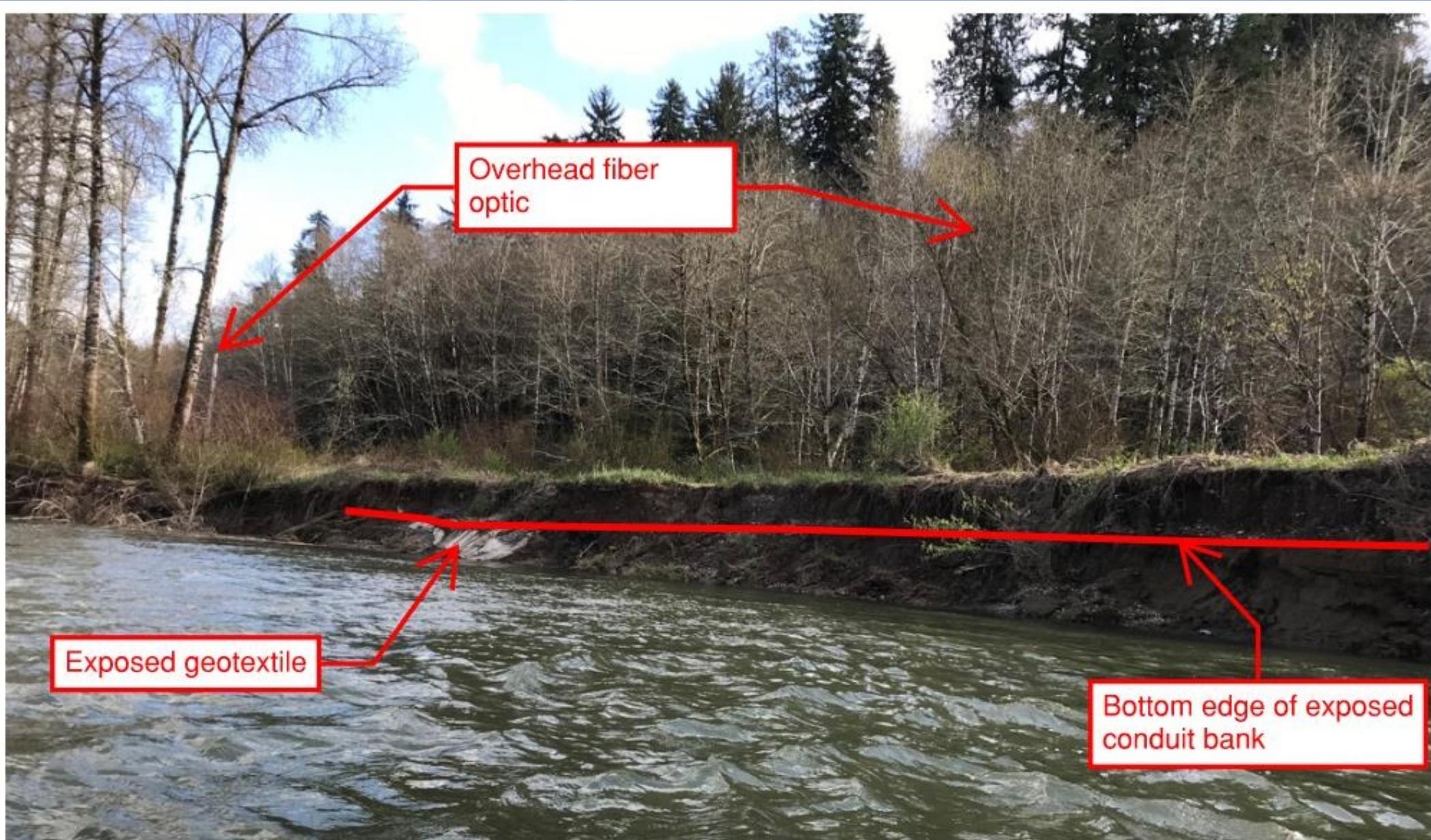
2/3/22



3/9/22

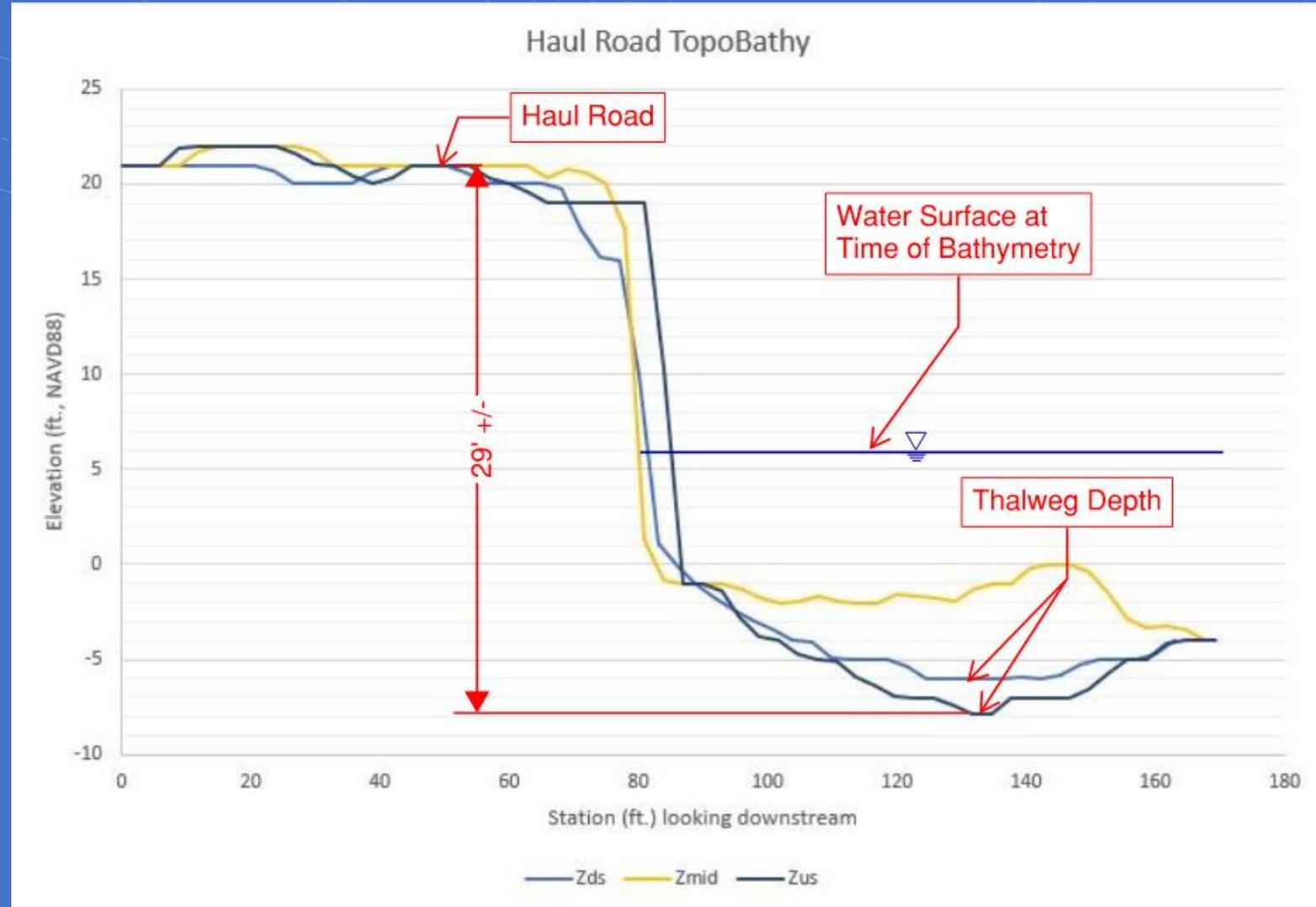
4 mos.

2. PoGH Haul Road Erosion (con't)



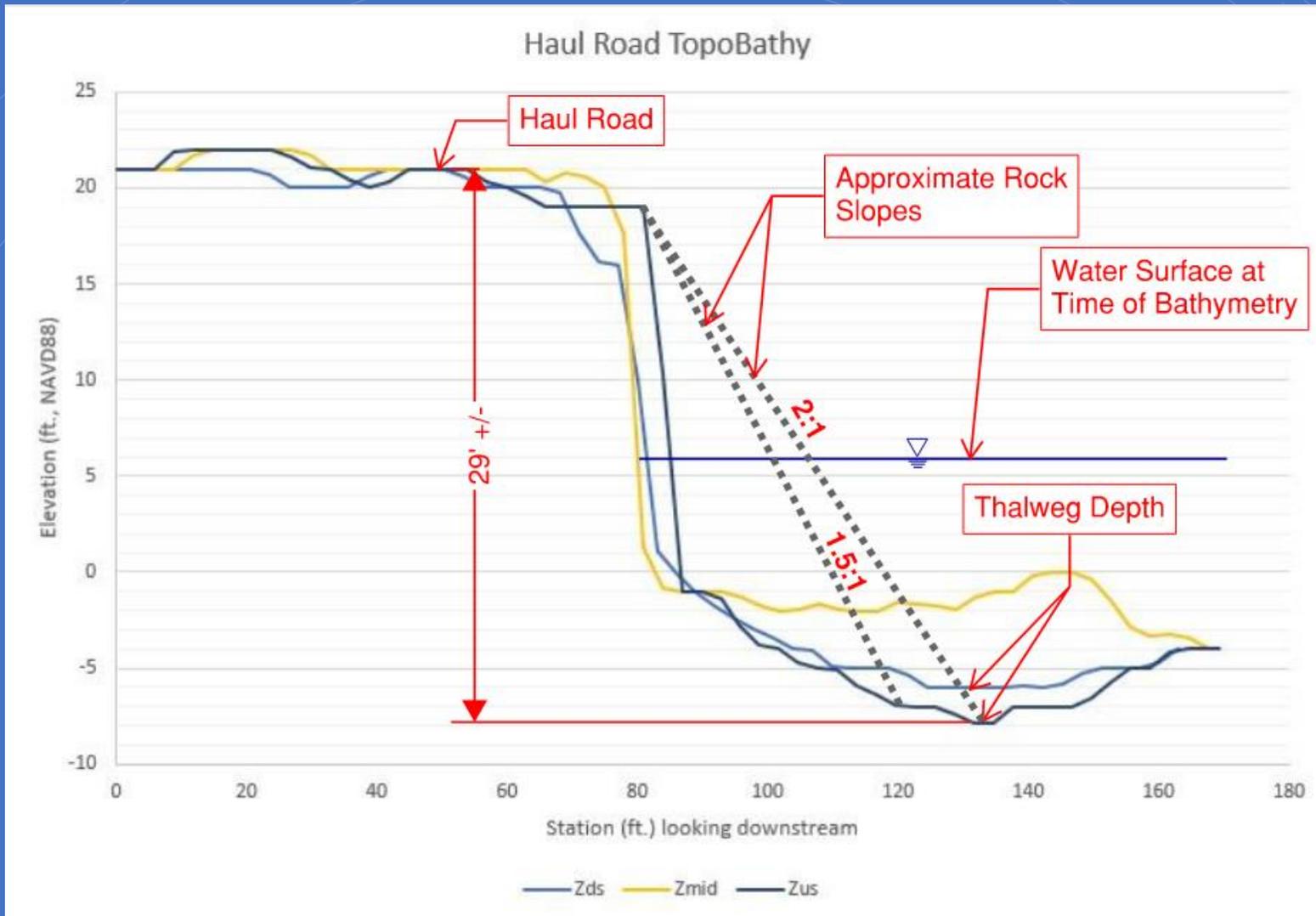
4/2/2022

2. PoGH Haul Road Erosion (con't)



- ✓ Alarming erosion progression
- ✓ Substantial infrastructure threat
- ✓ Deep water, precipitous bank
- ✓ Very limited working space (~40')
- ✓ Engineering, permitting, timeframe, funding challenges

2. PoGH Haul Road Erosion (con't)



- ✓ Proposed solution:
 - Rock armoring
 - Mitigate at reach-scale
- ✓ Next steps:
 - Further agency input
 - Geotech, regulatory jurisdiction
 - Refine solution/design
 - Complete permitting
 - Secure funding partners
- ✓ Key considerations:
 - Need to act before flood season
 - Material availability
 - Constructability
 - Permitability
 - Cost

2. PoGH Haul Road Erosion (con't)

Project options considered:

- ✓ Road and utility relocation
- ✓ Sheet piling
- ✓ Log structures
- ✓ Do nothing



3. Proposal & Funding Request

Reach Analysis & Investment Plan

- ✓ GHCD begin immediately (with \$60,000 from OCB)
- ✓ Build off work done through ASRP
- ✓ Involve stakeholders
- ✓ Develop a shared vision that integrates flood, fish, erosion solutions
- ✓ Leverage partnerships and funding sources
- ✓ Return to CBB 6/02/2022 to address ~\$140,000 unfunded need
- ✓ Does CBB support this proposal?

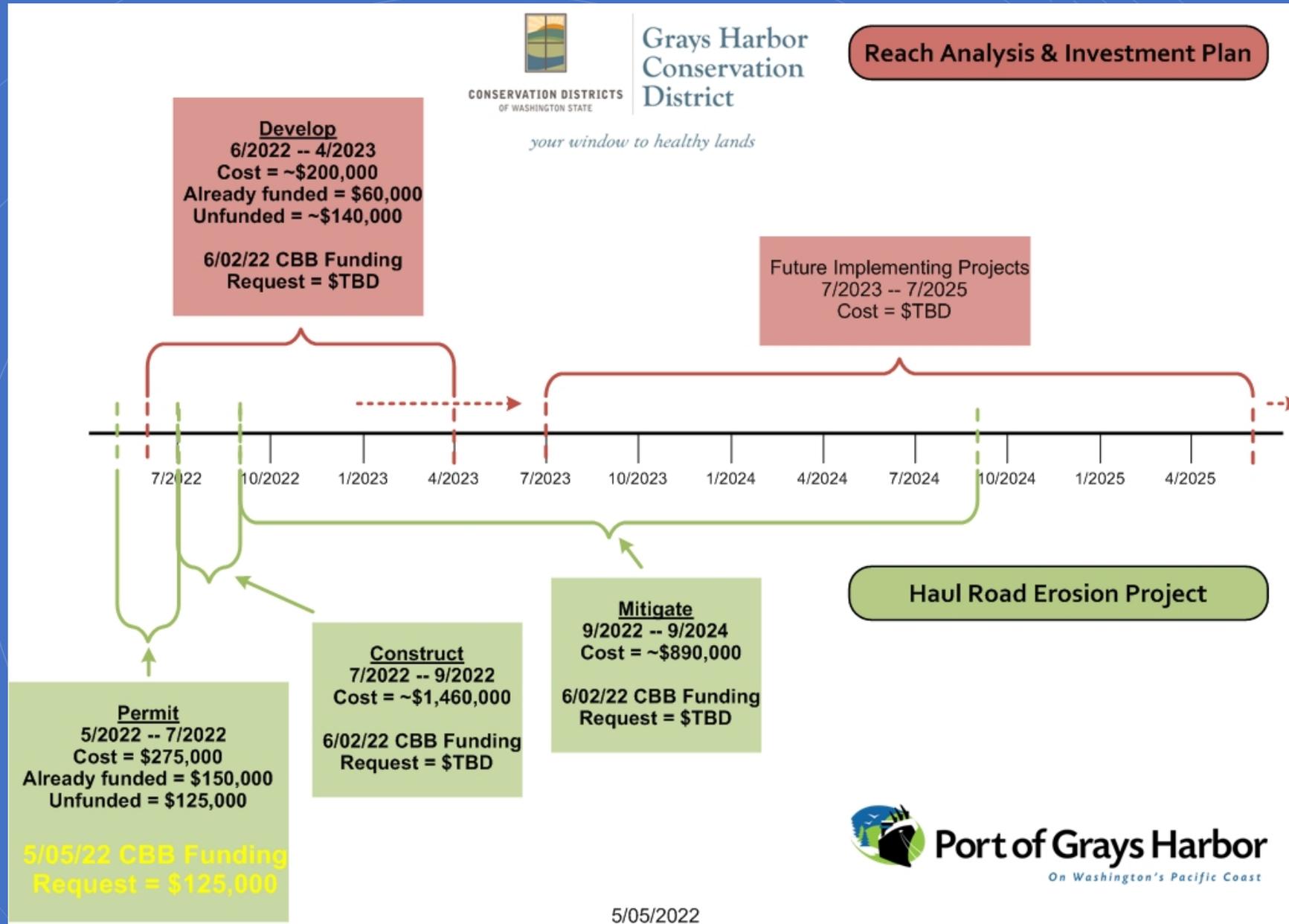
Cost (approx.) --> \$ 200,000
GHCD -- Funds already secured (OCB Erosion Pilot) --> \$ 60,000
GHCD -- Unfunded need (approx.) --> \$ 140,000

Haul Road Erosion Project

- ✓ PoGH refine proposed project
- ✓ Complete permitting
- ✓ Secure funding partners
- ✓ Return to CBB 6/02/2022 to address final construction, mitigation costs
- ✓ Does CBB support this proposal?

Cost --> \$ 275,000
PoGH -- Funds already secured (PoGH) --> \$ 150,000
PoGH -- Unfunded need --> \$ 125,000

3. Proposal & Funding Request

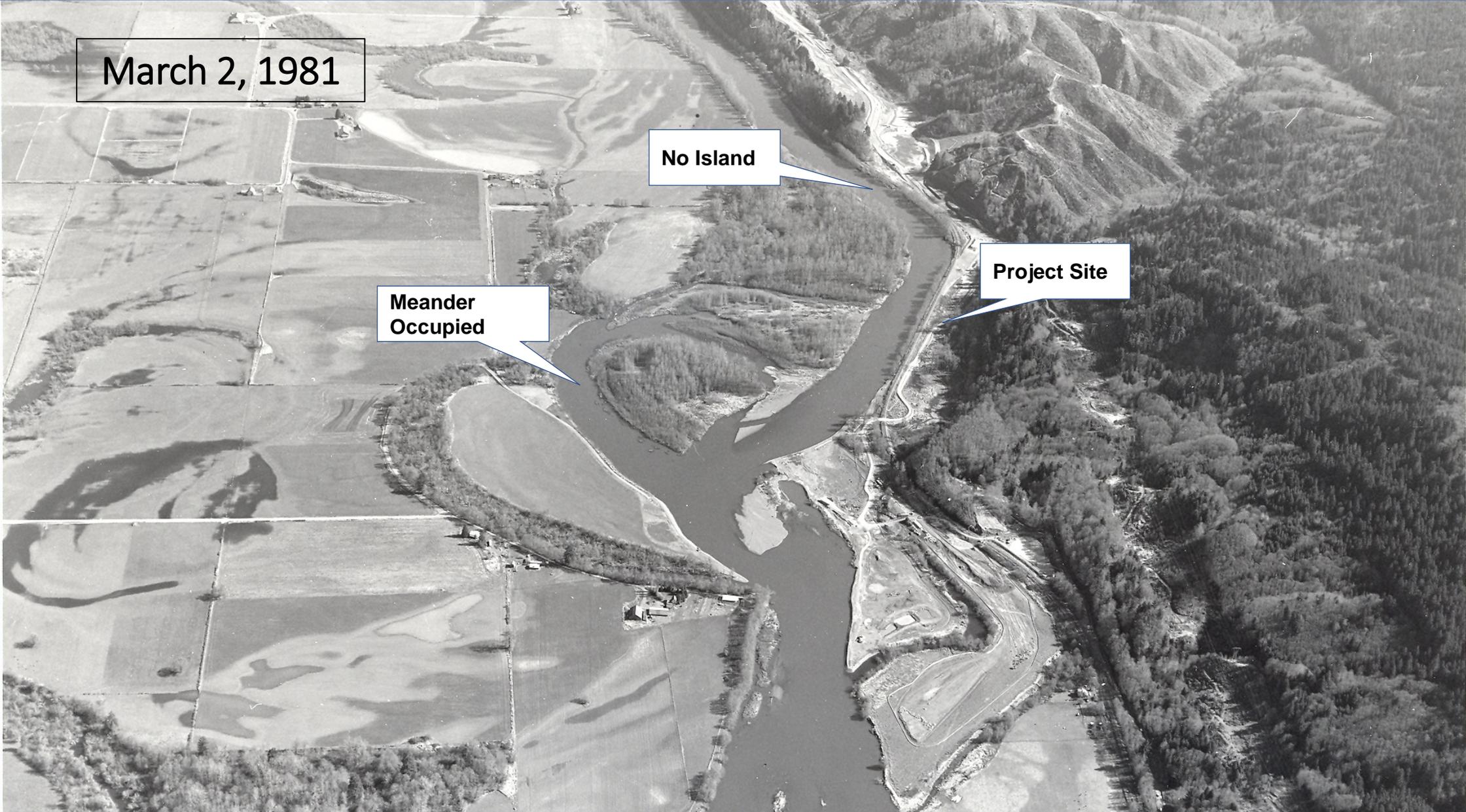


Does CBB support this proposal?

4. Discussion

Solving today's habitat, infrastructure, and farmland threats through tomorrow's opportunities.

EXTRA



March 2, 1981

No Island

Meander Occupied

Project Site

EXTRA

SATSOP RIVER INVESTMENT PLAN



<https://www.ezview.wa.gov/DesktopModules/Documents2/View.aspx?tabID=37263&alias=1973&mid=69455&ItemID=7087>



Grays Harbor
Conservation
District
1966 • 1970 • 1971 • 1972 • 1973 • 1974 • 1975 • 1976 • 1977 • 1978 • 1979 • 1980 • 1981 • 1982 • 1983 • 1984 • 1985 • 1986 • 1987 • 1988 • 1989 • 1990 • 1991 • 1992 • 1993 • 1994 • 1995 • 1996 • 1997 • 1998 • 1999 • 2000 • 2001 • 2002 • 2003 • 2004 • 2005 • 2006 • 2007 • 2008 • 2009 • 2010 • 2011 • 2012 • 2013 • 2014 • 2015 • 2016 • 2017 • 2018 • 2019

February 2019