

# Satsop Business Park Haul Road Erosion Mitigation Update

Office of the Chehalis Basin Board Meeting

Thursday, April 6, 2023

Presentation by Kris Koski, Port Engineer





# Haul Road Erosion Recap

- Winter 2021-2022 Accelerated Erosion
- March 2022 Began Planning for Short-Term Action
- September 2022 Construction of Short-Term Action
- October 2022 Mid-Term Action: OCB Funding Approval, Began Planning



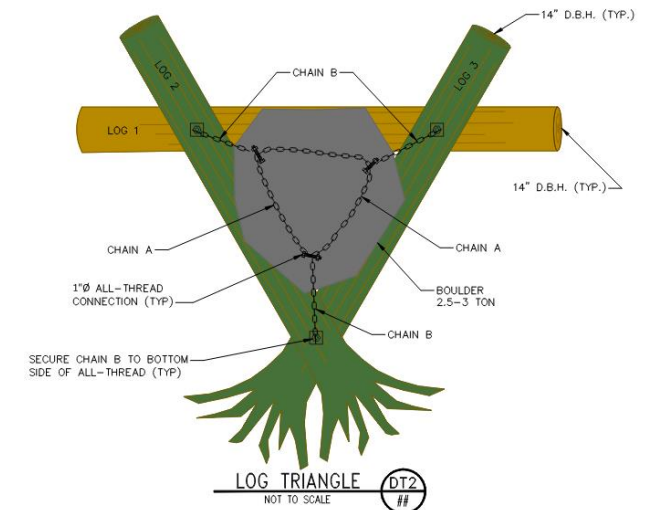
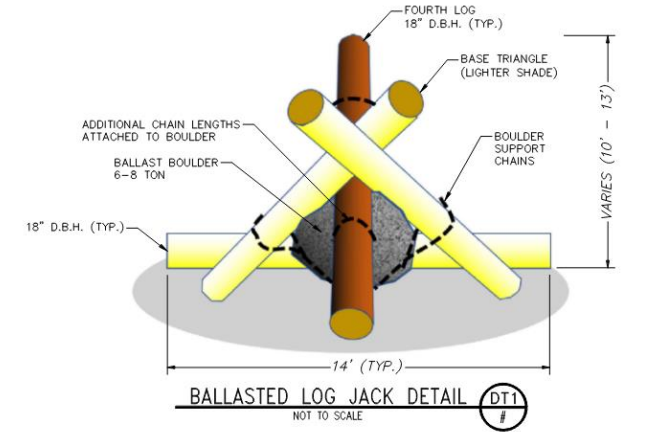
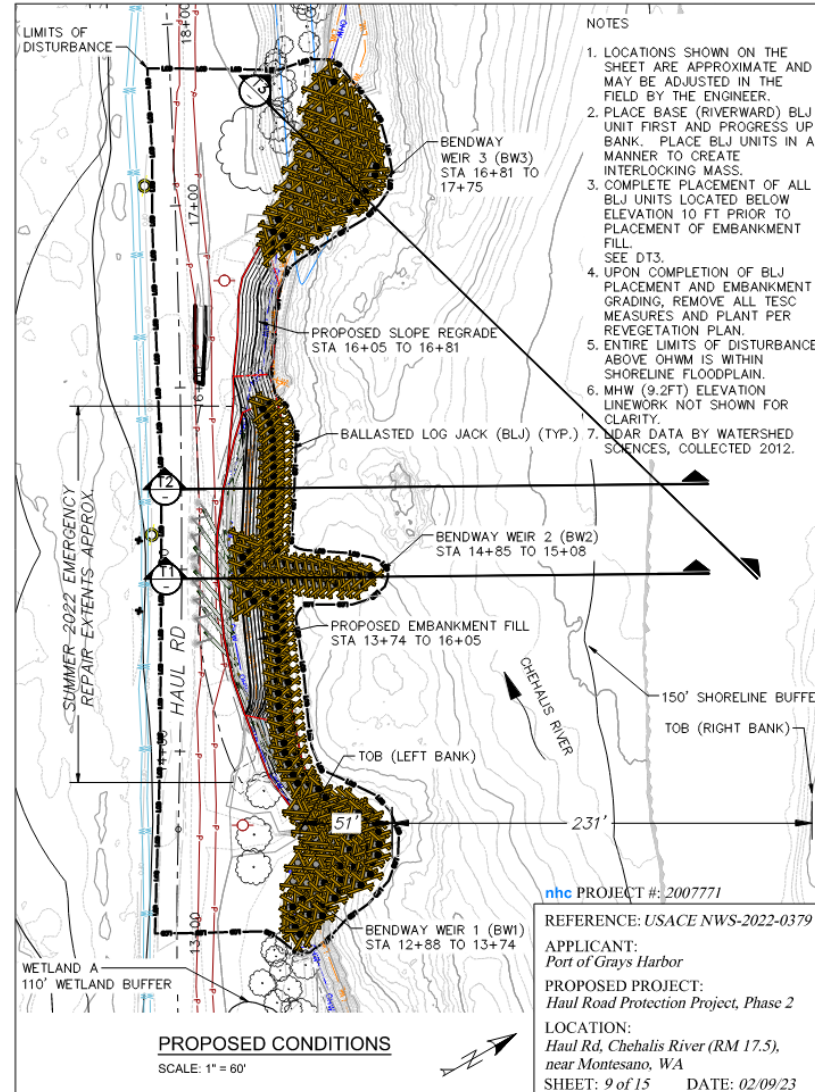
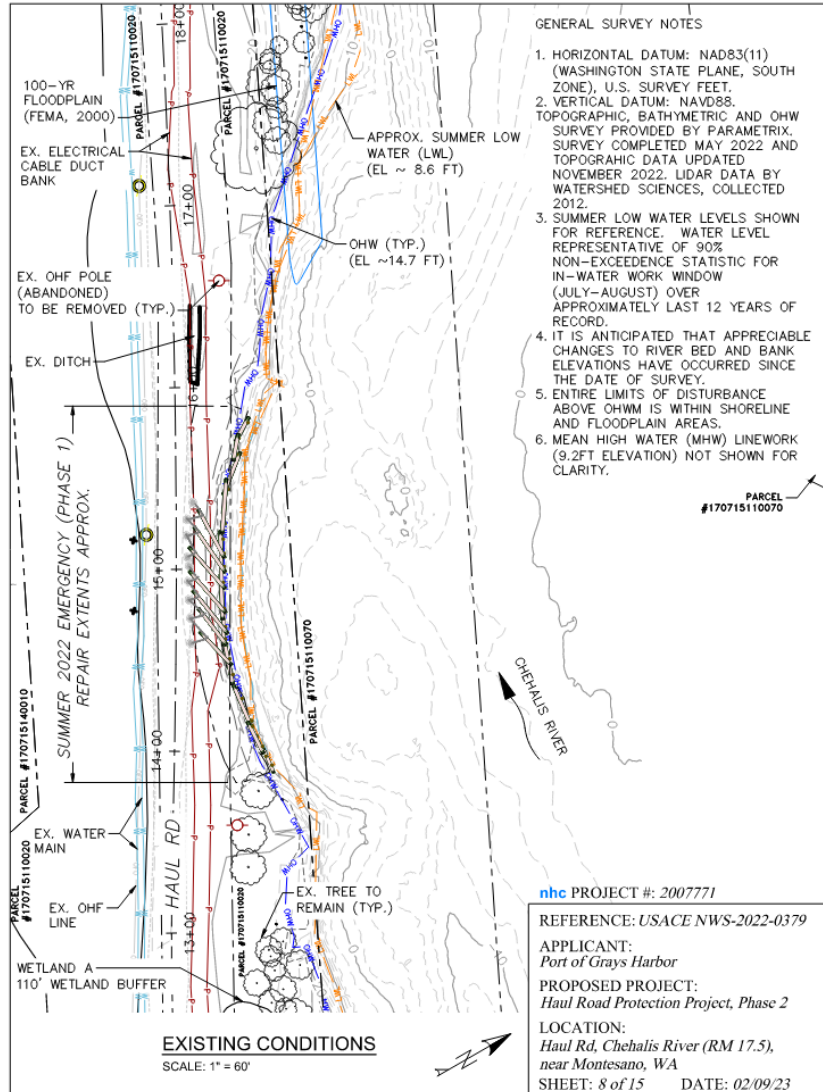
# Haul Road Erosion Update: Mid-Term Project

- January 2023 Agency Pre-Submittal Meetings
- February 2023 Permits Submitted
- Feb-Mar 2023 Tribal Consultation
- March 2023 HPA Issued
- March 2023 Coast Guard Vessel Safety Concurrence
- April 2023 Shorelines Hearing

# Haul Road Erosion Lookahead 2023

- |                    |                                       |
|--------------------|---------------------------------------|
| • January 2023     | Agency Pre-Submittal Meetings         |
| • February 2023    | Permits Submitted                     |
| • Feb-Mar 2023     | Tribal Consultation                   |
| • March 2023       | HPA Issued                            |
| • March 2023       | Coast Guard Vessel Safety Concurrence |
| • April 2023       | Shorelines Hearing                    |
| • May 2023         | Bid Documents Complete                |
| • June 2023        | All Permits In-Hand                   |
| • July-August 2023 | In-Water Work Window                  |
| • July-August 2023 | Construction Contingent Upon Funding  |

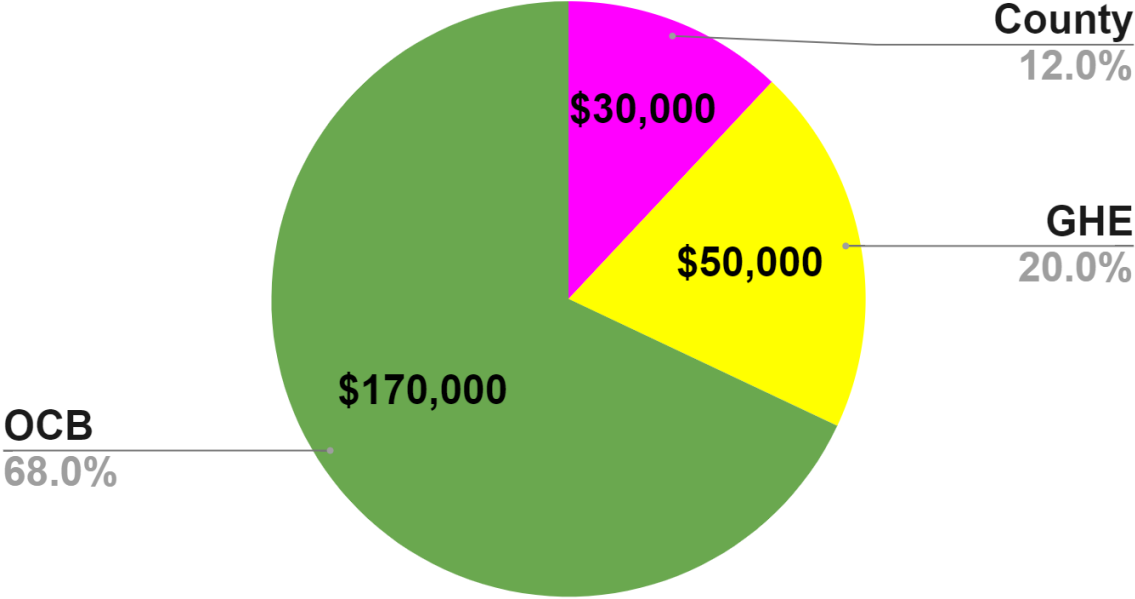
# Haul Road Erosion Mid-Term Project Plan



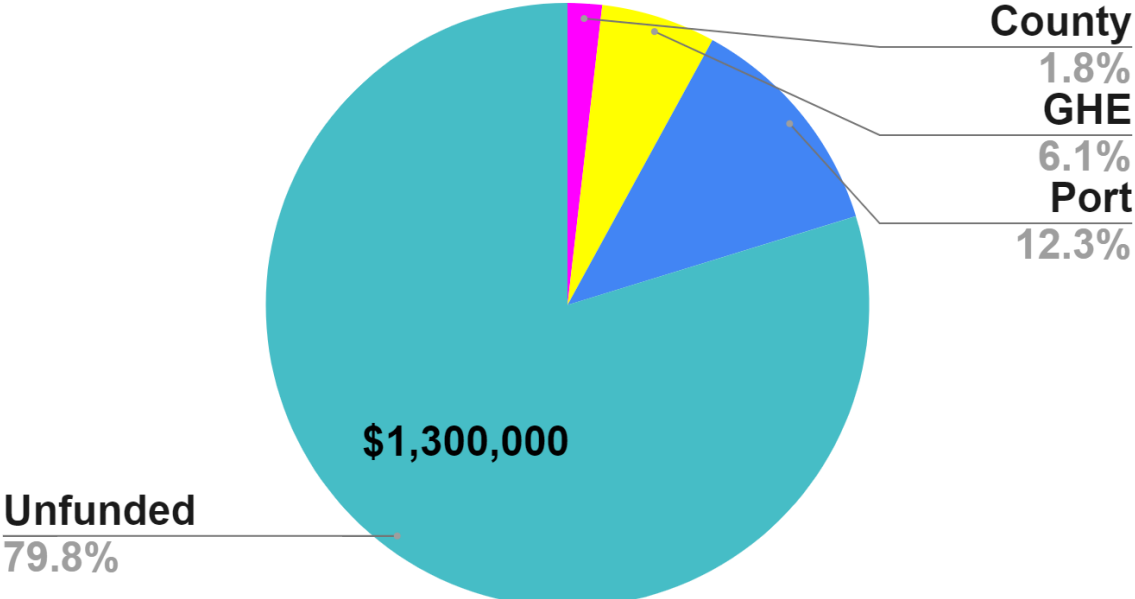


# Haul Road Erosion Mid-Term Project Funding

**Planning Costs \$250,000**

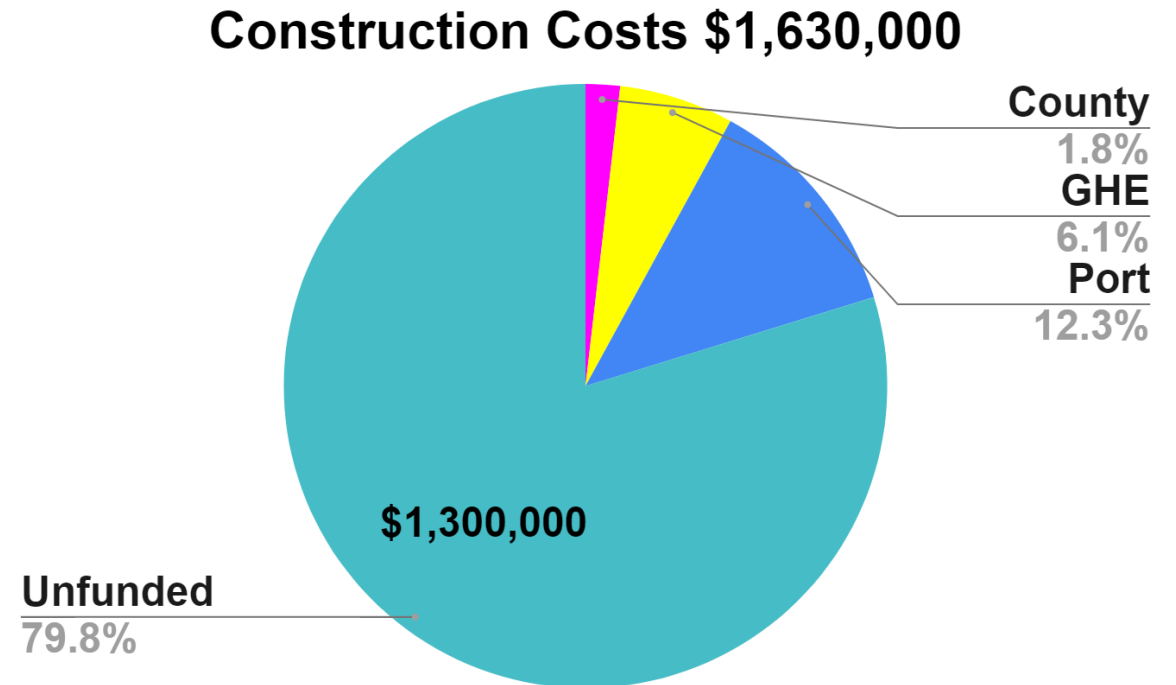


**Construction Costs \$1,630,000**



# Haul Road Erosion Mid-Term Project Funding

- \$1,300,000 not yet funded
- Exceeds Port's budget
- Port is searching for full construction funding:
  - 2023 State Capital Budget
  - Federal Community Project Funding
  - National Coastal Resilience Fund
- Federal Funding → No 2023 Construction



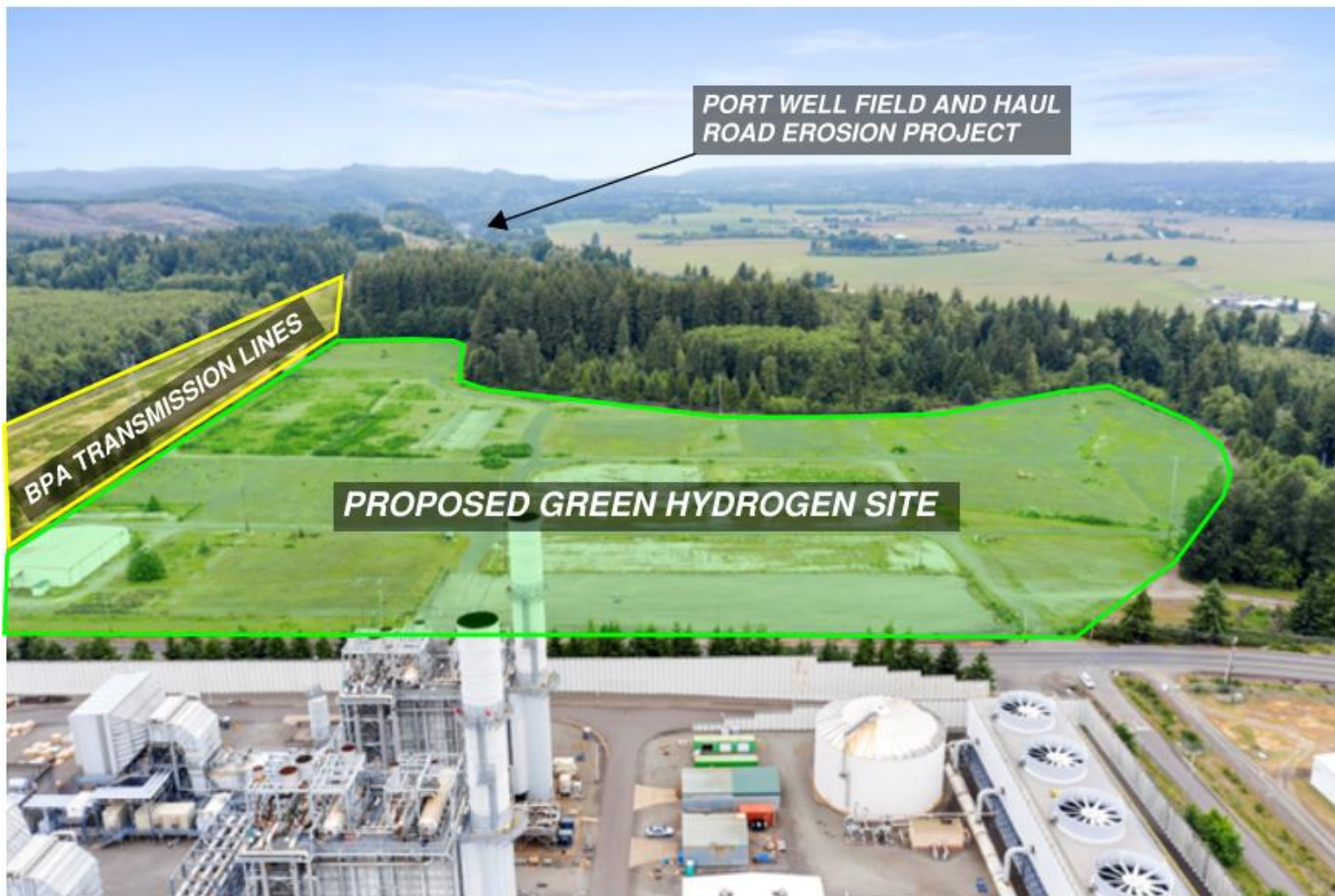
# Haul Road Erosion Mid-Term Project Risks

- \$1,300,000 not yet funded
- Federal Funding → No 2023 Construction
- Will Short-Term Project hold through 2023-2024 winter?
- If yes, OK for another year
- If no:
  - Emergency repairs
  - Additional planning costs
  - Additional construction costs





# Proposed Green Hydrogen Project at Satsop Business Park



- Produce 45 tons/day of green hydrogen using electrolysis.
- Electrolysis process to use Port's 42-inch water main and green energy from BPA grid.
- Planned liquefaction and trucked delivery.
- Targeting 2026 for operations.

# Questions / Discussion

Kris Koski, Port Engineer

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