

# Hood River – White Salmon Bridge Replacement

PORT OF HOOD RIVER

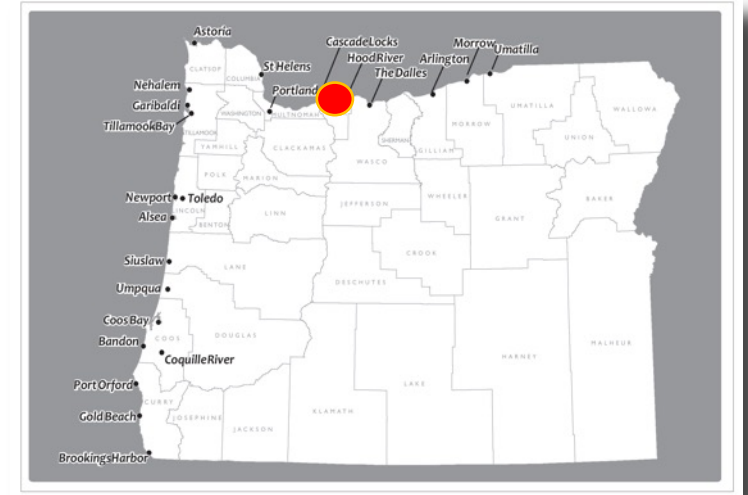
Kevin Greenwood, Project Director



WHITE SALMON CITY COUNCIL MEETING / NOVEMBER 17, 2021



- Columbia River Mile 169
- Regional Facility – nearest river crossing is 22 miles

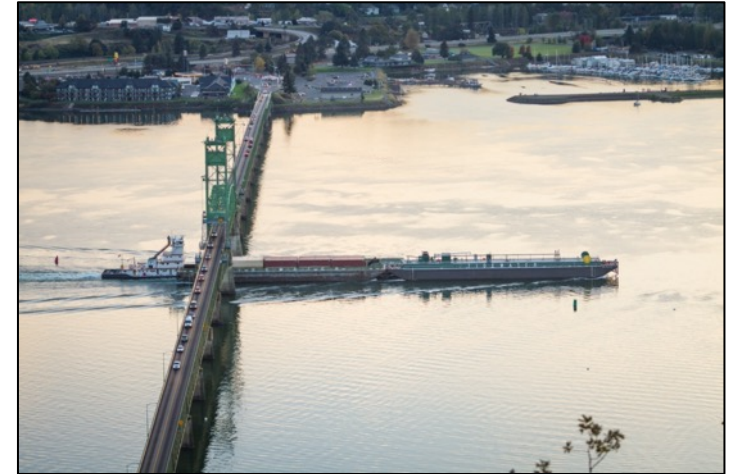


## PROJECT LOCATION



figure 1: distance from the site to insitu facilities in the gorge

- Critical Vehicle Freight Network facility
- Critical Commuter and Business Transportation Link
- Federal Waterway



# PROJECT LOCATION

- **1924 – Bridge opens**
- **1937 – Bonneville Dam constructed**
- **1938 – Bridge lift span installed due to higher water level**
- **1949 – OR Legislature permits acquisition of interstate toll bridges by municipalities**
- **1950 – Port of Hood River purchases bridge**
- **2000-2009 – Significant capital improvements**
- **2016 – “BreezeBy” Electronic tolling initiated**
- **2018 – LPR Technology Installed**



## HISTORY



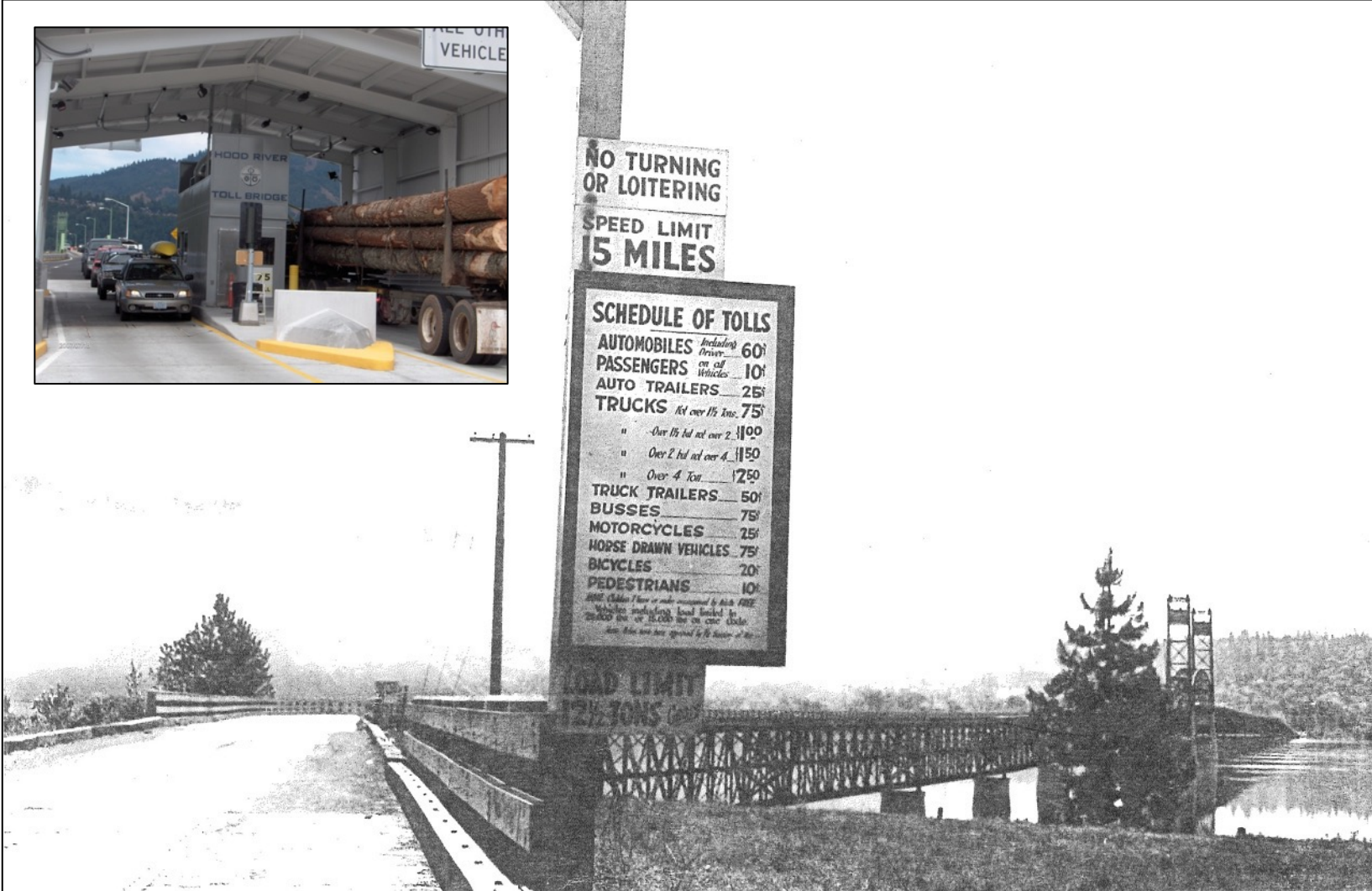
NO TURNING  
OR LOITERING

SPEED LIMIT  
15 MILES

**SCHEDULE OF TOLLS**

|  |      |
|--|------|
| AUTOMOBILES <small>Includes Driver</small> | 60¢  |
| PASSENGERS <small>on all Vehicles</small>  | 10¢  |
| AUTO TRAILERS                              | 25¢  |
| TRUCKS <small>Net over 1 1/2 Tons</small>  | 75¢  |
| " <small>Over 1 1/2 Td net over 2</small>  | 1.00 |
| " <small>Over 2 Td net over 4</small>      | 1.50 |
| " <small>Over 4 Tons</small>               | 2.50 |
| TRUCK TRAILERS                             | 50¢  |
| BUSSES                                     | 75¢  |
| MOTORCYCLES                                | 25¢  |
| HORSE DRAWN VEHICLES                       | 75¢  |
| BICYCLES                                   | 20¢  |
| PEDESTRIANS                                | 10¢  |

LOAD LIMIT  
2 1/2 TONS



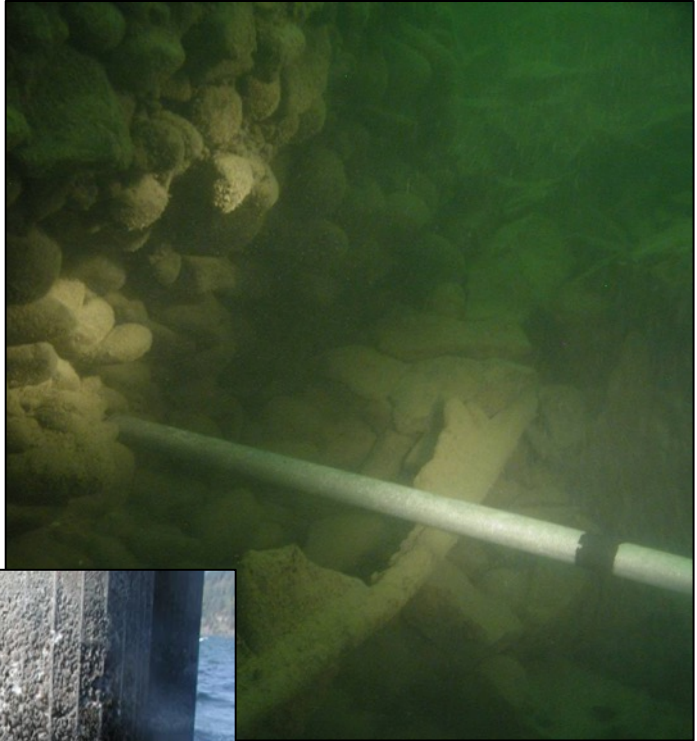
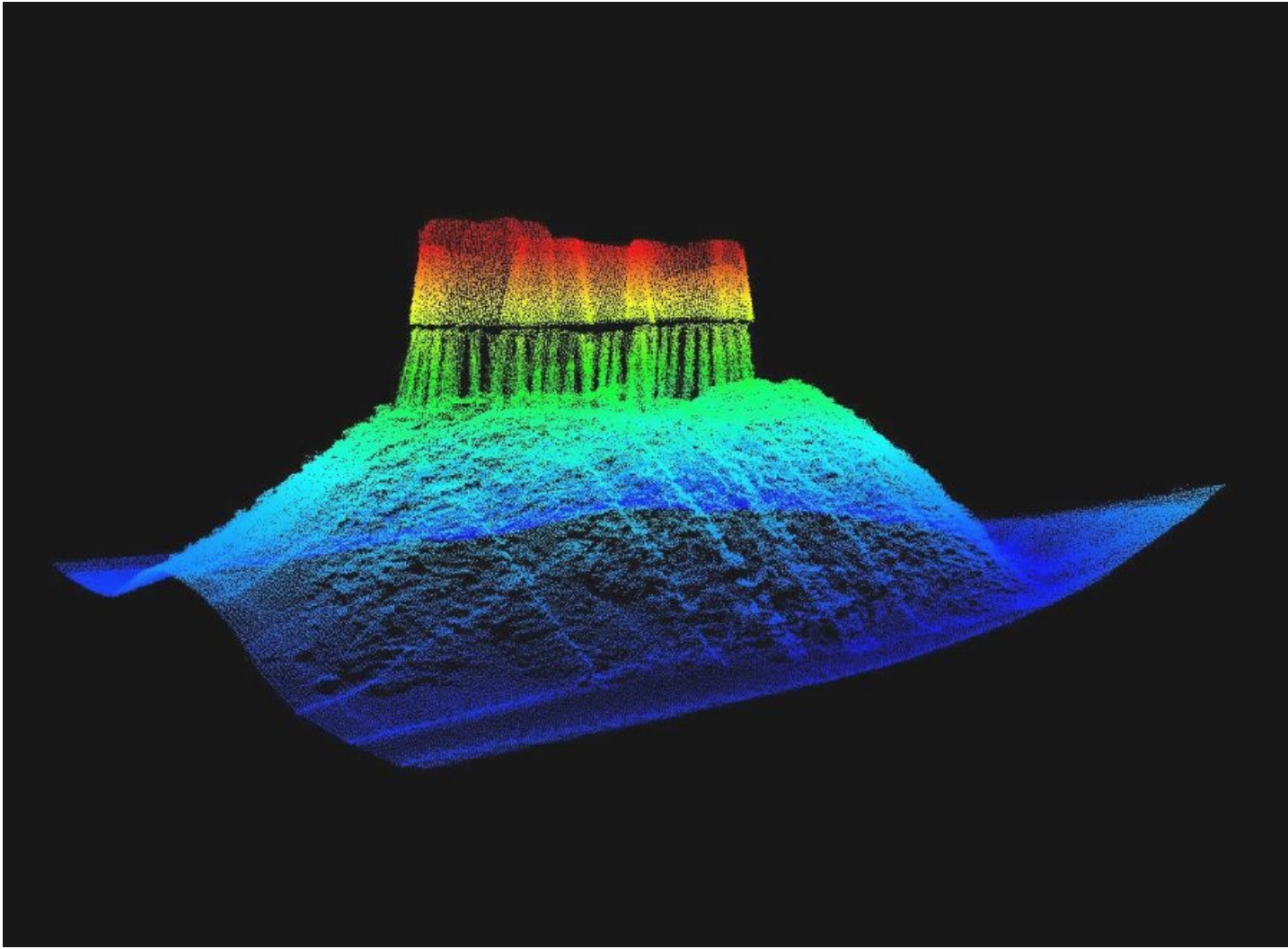
The bridge has always been a tolled facility.

The toll for an automobile in 1924 was 75 cents.

The ETC for passenger cars today is \$1. Cash toll is \$2.

# HISTORY





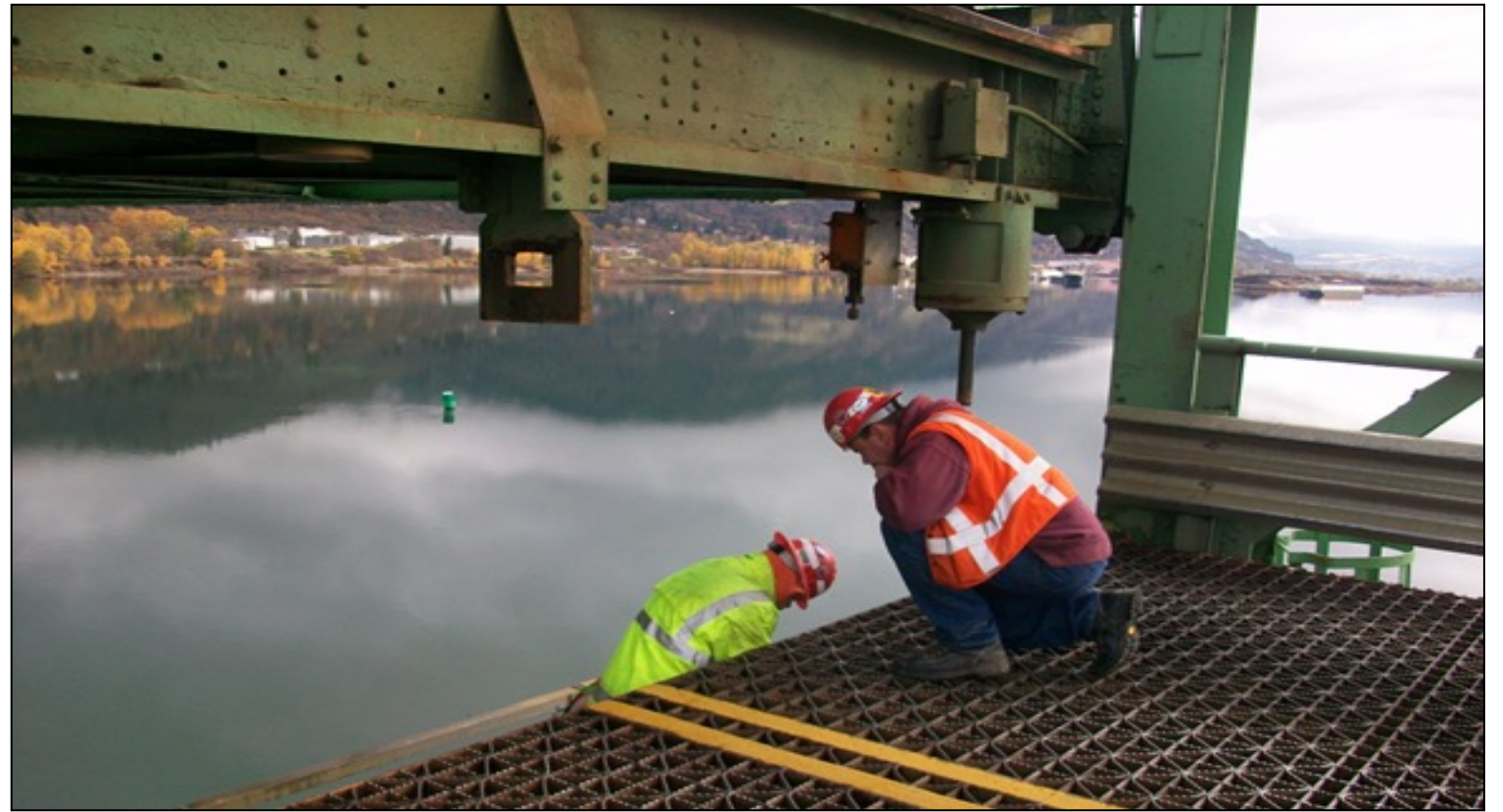
# CURRENT CONDITIONS



- Insufficient navigation clearance
- Narrow lane width, no shoulders
- Weight limit reduced March, 2021
- Low Sufficiency Rating - 48.7

## CURRENT CONDITIONS





- Lift span mechanical & electrical controls
- Safety systems & lighting
- Steel grated bridge deck maintenance & repair welding occurs twice a year

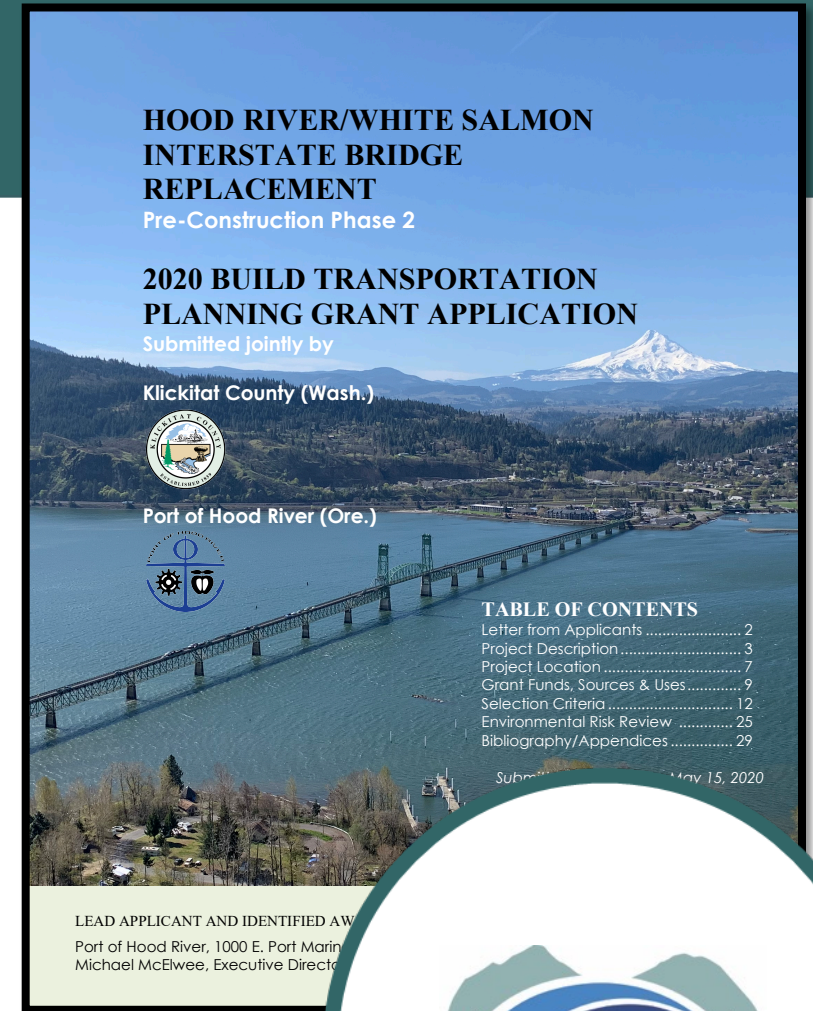


## CURRENT CONDITIONS



# Previous Efforts

- Preliminary Environmental Impact Statement - 2006
- Type, Size & Location Study – 2011
- Added to National Highway System
- FAST Act NSA Recognition
- HB2017 Tolling Authority
- P-3 Rules Adopted - 2018



# Replacement Bridge




# Current Progress


- Completed Supplemental DEIS
- Final EIS/ROD nearing completion
- Bi-State Working Group Established to Oversee Project
- Awarded \$15M from USDOT and both State Legislatures
- Tribal Agreements Underway



**HOOD RIVER/WHITE SALMON  
INTERSTATE BRIDGE  
REPLACEMENT**  
Pre-Construction Phase 2

**2020 BUILD TRANSPORTATION  
PLANNING GRANT APPLICATION**  
Submitted jointly by

Klickitat County (Wash.)  


Port of Hood River (Ore.)  


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*Submitted to USDOT on May 15, 2020*

**LEAD APPLICANT AND IDENTIFIED AWARD RECIPIENT:**  
Port of Hood River, 1000 E. Port Marina Drive, Hood River, OR 97031  
Michael McElwee, Executive Director / Kevin Greenwood, Project Director, (541) 961-9517

# Bi-State Working Group

*Alignment of interests, active and engaged leadership, and unified advocacy on both sides of the river is paramount to successful project completion*



# Bi-State Governance Structure

- Entity to develop, finance, construct, and operate Replacement Bridge
- Insulates the local governments from liability and allows compact to secure investment-grade credit rating for toll financing.
- Creates a clear legal framework for financing, project administration, and operations
- Board members could be appointed by the governors, legislatures and surrounding local governments of each state
- Legislation applies only to bi-state local government bridges

# Phase 2 Work Plan: January 2021-June 2023

- Bi-State Bridge Compact Established
- Project Delivery Evaluation
- Complete DAP (20%-30%) Engineering and Update Cost Estimates
- Tribal Agreements
- Traffic and Toll Revenue Study
- Preliminary Financial Plan

**TOTAL COST: \$16.25M**



# Phase 2 Funding Approach

- \$5.00M Federal BUILD Grant Award (Received)
- \$1.25M POHR/Remaining HB2017 (Commit)
- \$5.00M Appropriation from Oregon (Received)
- \$5.00M Appropriation from Washington (Received)

**\$16.25M Total Phase 2 Budget**

# Next Steps – Concept Schedule

CONCEPTUAL PHASING SCHEDULE  
HOOD RIVER-WHITE SALMON INTERSTATE BRIDGE REPLACEMENT  
DRAFT 10/5/2021

| 2018  |    | 2019 |    |    |    | 2020 |    |    |    | 2021  |    |    |    | 2022 |    |    |    | 2023 |    |   |    | 2024 |    |    |    | 2025 |    |    |    | 2026  |    |    |    | 2027 |    |    |    | 2028 |  |  |  |  |  |  |  |  |  |  |  |
|---|----|------|----|----|----|------|----|----|----|---|----|----|----|------|----|----|----|------|----|---|----|------|----|----|----|------|----|----|----|---|----|----|----|------|----|----|----|------|--|--|--|--|--|--|--|--|--|--|--|
| 3Q  | 4Q | 1Q   | 2Q | 3Q | 4Q | 1Q   | 2Q | 3Q | 4Q | 1Q  | 2Q | 3Q | 4Q | 1Q   | 2Q | 3Q | 4Q | 1Q   | 2Q | 3Q  | 4Q | 1Q   | 2Q | 3Q | 4Q | 1Q   | 2Q | 3Q | 4Q | 1Q  | 2Q | 3Q | 4Q | 1Q   | 2Q | 3Q | 4Q |      |  |  |  |  |  |  |  |  |  |  |  |
| PHASE 1 - National Environmental Policy Act (NEPA) Environmental Clearances   |    |      |    |    |    |      |    |    |    |   |    |    |    |      |    |    |    |      |    |   |    |      |    |    |    |      |    |    |    |   |    |    |    |      |    |    |    |      |  |  |  |  |  |  |  |  |  |  |  |
| <ul style="list-style-type: none"> <li>• Re-evaluation of Prior Studies</li> <li>• Technical Study Updates                             <ul style="list-style-type: none"> <li>• Traffic &amp; Revenue Sketch Study</li> </ul> </li> </ul> |    |      |    |    |    |      |    |    |    |   |    |    |    |      |    |    |    |      |    |   |    |      |    |    |    |      |    |    |    |   |    |    |    |      |    |    |    |      |  |  |  |  |  |  |  |  |  |  |  |
| <ul style="list-style-type: none"> <li>• P3 Education</li> <li>• Governance Evaluation</li> <li>• Sec. 106 Tribal Outreach</li> <li>• Final EIS and Record of Decision (ROD)</li> </ul>   |    |      |    |    |    |      |    |    |    | PHASE 2 - Governance and Project Development  |    |    |    |      |    |    |    |      |    |   |    |      |    |    |    |      |    |    |    |   |    |    |    |      |    |    |    |      |  |  |  |  |  |  |  |  |  |  |  |
|   |    |      |    |    |    |      |    |    |    | <ul style="list-style-type: none"> <li>• Bi-State Bridge Authority Established</li> <li>• Grant Development &amp; Applications</li> <li>• 30% Engineering &amp; Cost Estimates</li> <li>• Traffic and Toll Revenue (T&amp;R) Study</li> <li>• Public Aesthetics Process Evaluation</li> </ul> |    |    |    |      |    |    |    |      |    | PHASE 3 - Pre-Construction  |    |      |    |    |    |      |    |    |    |   |    |    |    |      |    |    |    |      |  |  |  |  |  |  |  |  |  |  |  |
|   |    |      |    |    |    |      |    |    |    | <ul style="list-style-type: none"> <li>• Project Delivery Evaluation</li> <li>• Preliminary Financial Plan</li> </ul>   |    |    |    |      |    |    |    |      |    | <ul style="list-style-type: none"> <li>• Project Delivery Contract Awarded</li> <li>• Permits Pursued/ROW Acquired</li> <li>• Governance Implementation Plan</li> </ul>   |    |      |    |    |    |      |    |    |    |   |    |    |    |      |    |    |    |      |  |  |  |  |  |  |  |  |  |  |  |
|   |    |      |    |    |    |      |    |    |    |   |    |    |    |      |    |    |    |      |    | <ul style="list-style-type: none"> <li>• Traffic and Toll Revenue (T&amp;R) Study</li> <li>• Public Aesthetics Process Evaluation</li> <li>• Loan/Bond Application</li> <li>• Financial Plan Completed</li> </ul> |    |      |    |    |    |      |    |    |    | PHASE 4 - Construction and Removal  |    |    |    |      |    |    |    |      |  |  |  |  |  |  |  |  |  |  |  |
|   |    |      |    |    |    |      |    |    |    |   |    |    |    |      |    |    |    |      |    |   |    |      |    |    |    |      |    |    |    | <ul style="list-style-type: none"> <li>• BSBA Underway</li> <li>• New Bridge Constructed</li> <li>• Current Bridge Removed</li> </ul> |    |    |    |      |    |    |    |      |  |  |  |  |  |  |  |  |  |  |  |





**Hood River – White Salmon**

**BRIDGE REPLACEMENT PROJECT**

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Questions?

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