

# Earthquake Ready Burnside Bridge –

*Portland City Council  
Resolution to Adopt the  
Preferred Alternative*

**Multnomah County  
Department of Community Services  
Transportation Division**

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**July 20, 2022**



# Agenda

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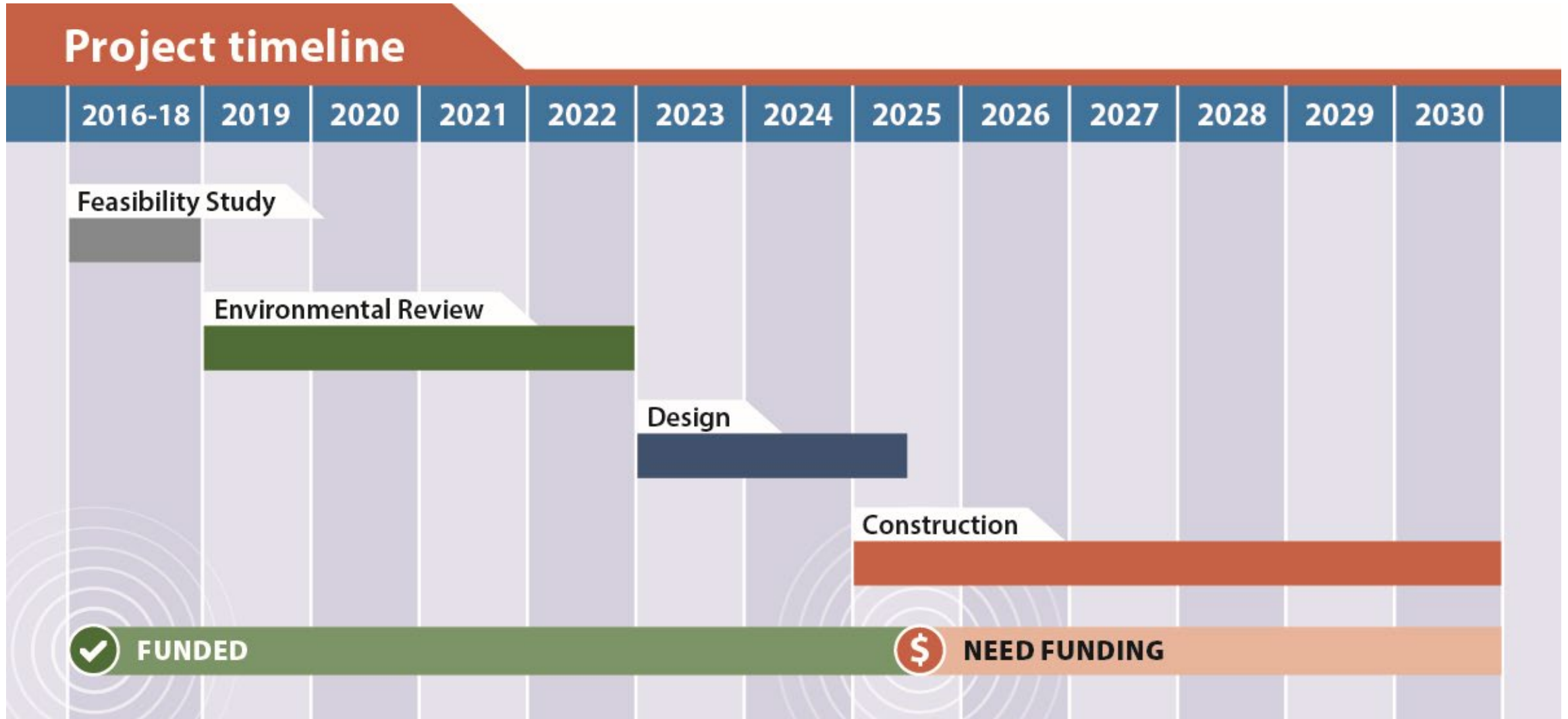
- **Today's Action**
  - Resolution to adopt Locally Preferred Alternative (LPA)
- **Project Briefing**
  - Review LPA
  - Review public feedback on Supplemental Draft Environmental Impact Statement (SDEIS)
  - PBOT Eastbank Esplanade Updates

# When we last met...

- We reviewed cost saving refinements to the Preferred Alternative
- Council approved IGA amendment to support Supplemental Draft Environmental Impact Statement (SDEIS)



# Project Timeline



# Locally Preferred Alternative

## Replacement Long Span



*with Tied Arch*



*with Cable Supported*

# Locally Preferred Alternative

## Replacement Long Span

- Full bridge replacement
- Same location and alignment as existing bridge
- 4-lane bridge
- 14-17 feet bike/ped lanes on both sides of bridge
- Long-span on east approach
- Bascule movable span
- Girder span on west approach

# Cost Saving Measures – By the Numbers

**45+** Briefings

**8** Diverse community discussion groups

**4,100+** Unique visitors to online open house

**1,500+** Survey responses

**490+** Briefing recipients

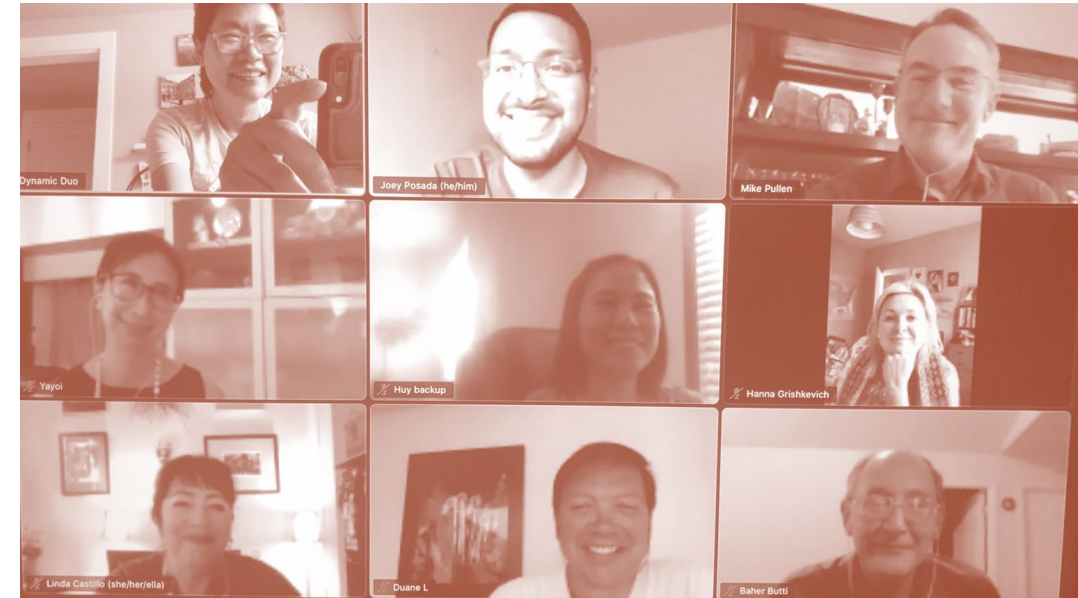
**6** Language translations of online open house

**21** Social media posts and advertisements

**3,400+** project e-newsletter recipients

**10** news releases & e-newsletters

**11** media stories



Unanimous support  
from Policy Group  
and Board of County  
Commissioners

# Supplemental Draft EIS

Public Comment Period: April 29 – June 13

**103** City of Portland comments

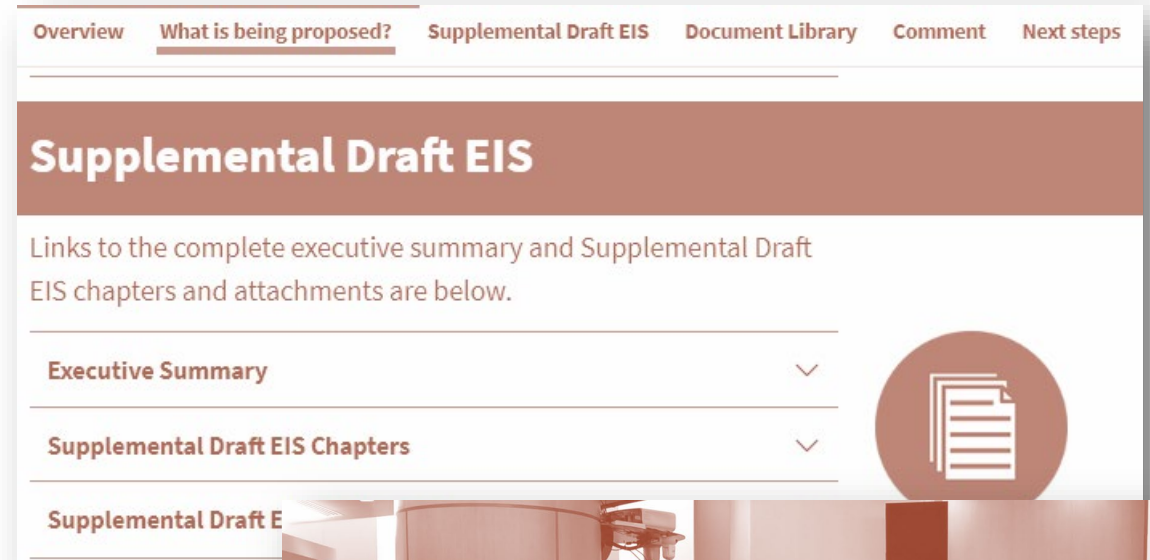
**17** Online Open House comments

**11** Letters

**4** Comments via email

**2** Comments via public testimony

**1** Voicemail



Overview What is being proposed? Supplemental Draft EIS Document Library Comment Next steps

## Supplemental Draft EIS

Links to the complete executive summary and Supplemental Draft EIS chapters and attachments are below.

- Executive Summary
- Supplemental Draft EIS Chapters
- Supplemental Draft E

A circular icon with a document symbol is located to the right of the menu items.





# Supplemental Draft EIS

## Who we received letters from...

### Government Agency

- City of Portland
- National Parks Service (Department of the Interior)
- U.S. Environmental Protection Agency

### Community Organizations & Individuals

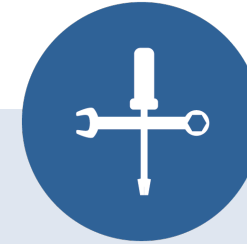
- Architectural Heritage Center
- City of Portland Bike/Ped Committees
- MultCo Bike/Ped Citizen Advisory Committee
- Oregon Trucking Association
- Restore Oregon
- Community member at large (3 letters)

# Next Steps



## ENVIRONMENTAL REVIEW PHASE

- Summer/Fall 2022 – Address Public Comments
- December 2022: Publish Final EIS and Record of Decision



## FINAL DESIGN PHASE

- Early 2023 – Early 2025
- Fall 2022 – City Council approval of Intergovernmental Agreement (IGA) for City support during Design & Construction

# Thank You



# Earthquake Ready Burnside Bridge Project (EQRB)



Sharon Daleo PBOT | City Council July 20, 2022



**PBOT**  
PORTLAND BUREAU OF TRANSPORTATION

## EARTHQUAKE READY BURNSIDE BRIDGE PROJECT (EQRB)

# Recent & Current Council Action

**December 2021** – adopted City & County Supplemental Draft Environmental Study Services IGA

### Today -

**Approve** Locally Preferred Alternative as defined in the Supplemental Draft Environmental Impact Statement (SDEIS)

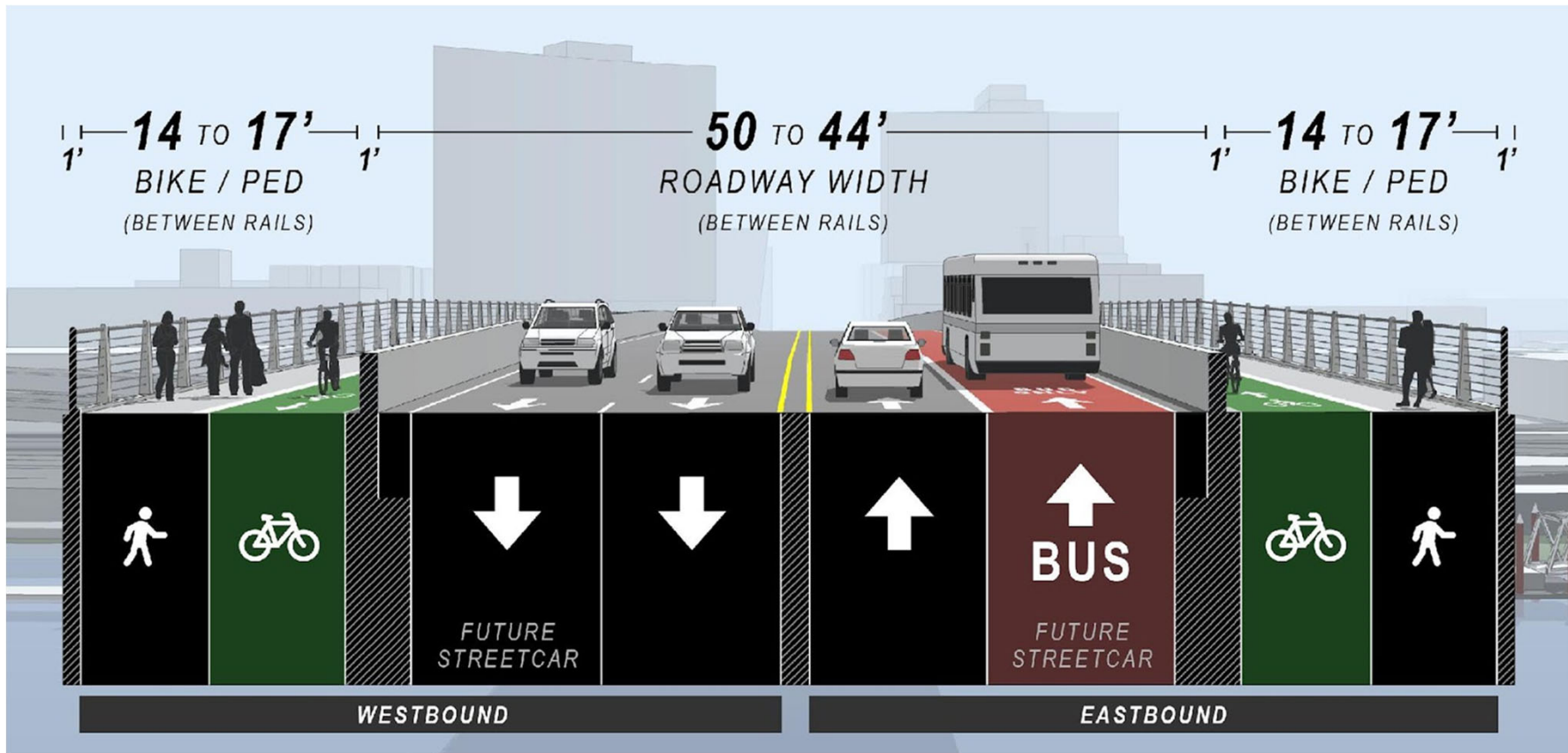
Key revisions as defined in the LPA City Council is asked to approve today:

- **Reduced number of lanes on bridge from 5 to 4**
- **Reduced pedestrian and bicycle space from 20' to variable 14' to 17'**
- Long-span on east approach – type TBD during design phase
- Bascule movable center span
- Girder bridge type on west approach
- **Stairs and elevators connection to EE**

**Accept** update on City project studying Ramp Connection Concepts for EQRB to Eastbank Esplanade.

# EARTHQUAKE READY BURNSIDE BRIDGE PROJECT (EQRB)

## Traffic Configuration on Bridge



## EARTHQUAKE READY BURNSIDE BRIDGE PROJECT (EQRB)

# City of Portland Priorities

### **Width of Pedestrian/Bicycle Facilities on Bridge**

Per Resolution – EQRB provide for 17' minimum pedestrian and bicycle facilities to meet project and community needs and align with our modal and climate goals.

- 17' is minimum for pedestrian and bicycle facility from City perspective
- 44' roadway width accommodates City preference of 10' inside lanes with 11' lanes next to physical barrier.

### **ADA Connection Between Bridge and Eastbank Esplanade**

Per Resolution – EQRB program shall provide for an ADA accessible ramp connection to the Eastbank Esplanade from both the north and south side of the EQRB. The ramp design shall be advanced from the City's initial preferred concept currently under study and is subject to further public input, City review and final acceptance.

## **CITY PRIORITIES**

# **EE Ramp Connection Study**

### **High Level Alignment Analysis**

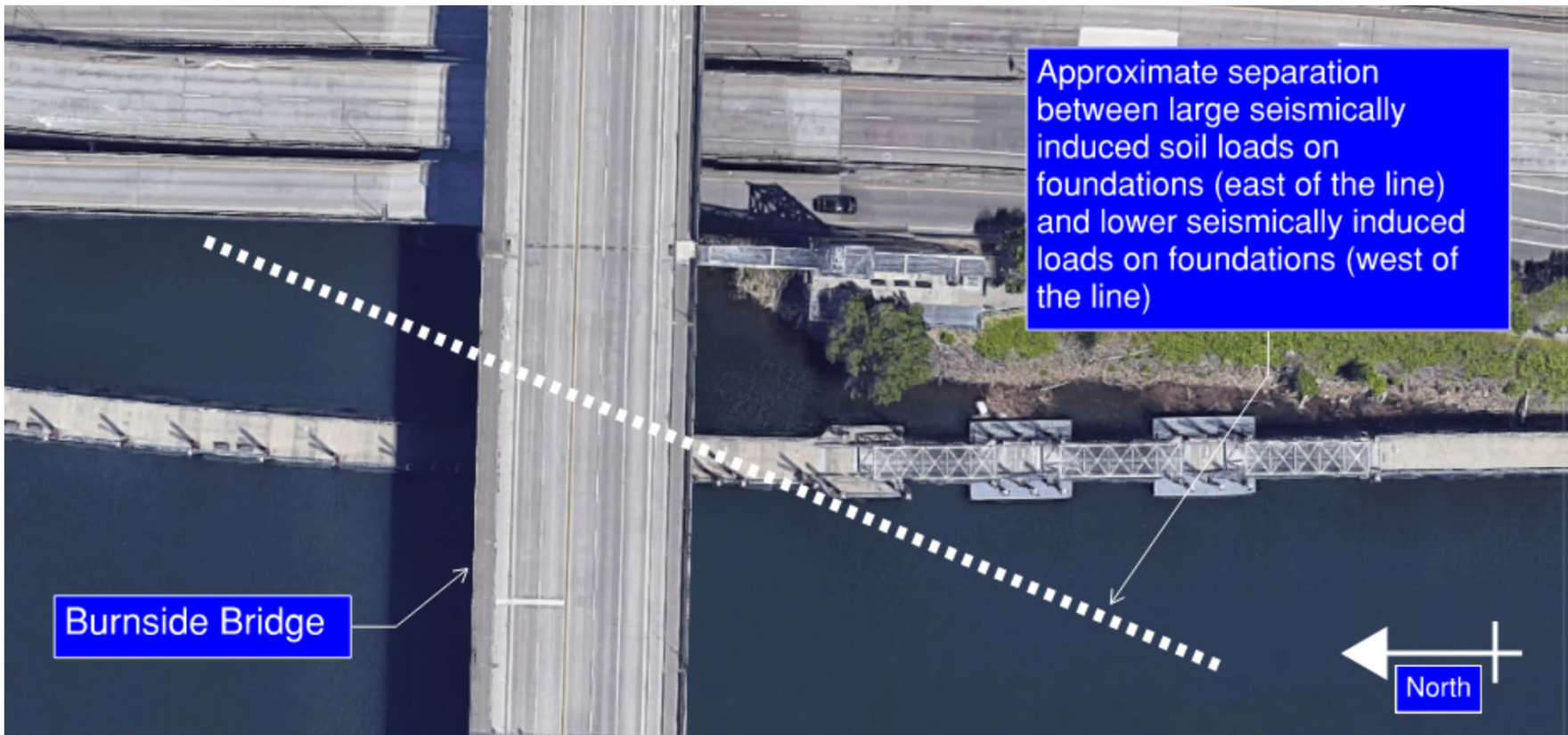
- Develop new ramp concepts to provide connection to both sides of EQRB
- Analyze HAP Concept
- Preliminary Cost Estimates
- Determine City preferred alignment to advance for further public input, study/design

### **Key Considerations (in no particular order)**

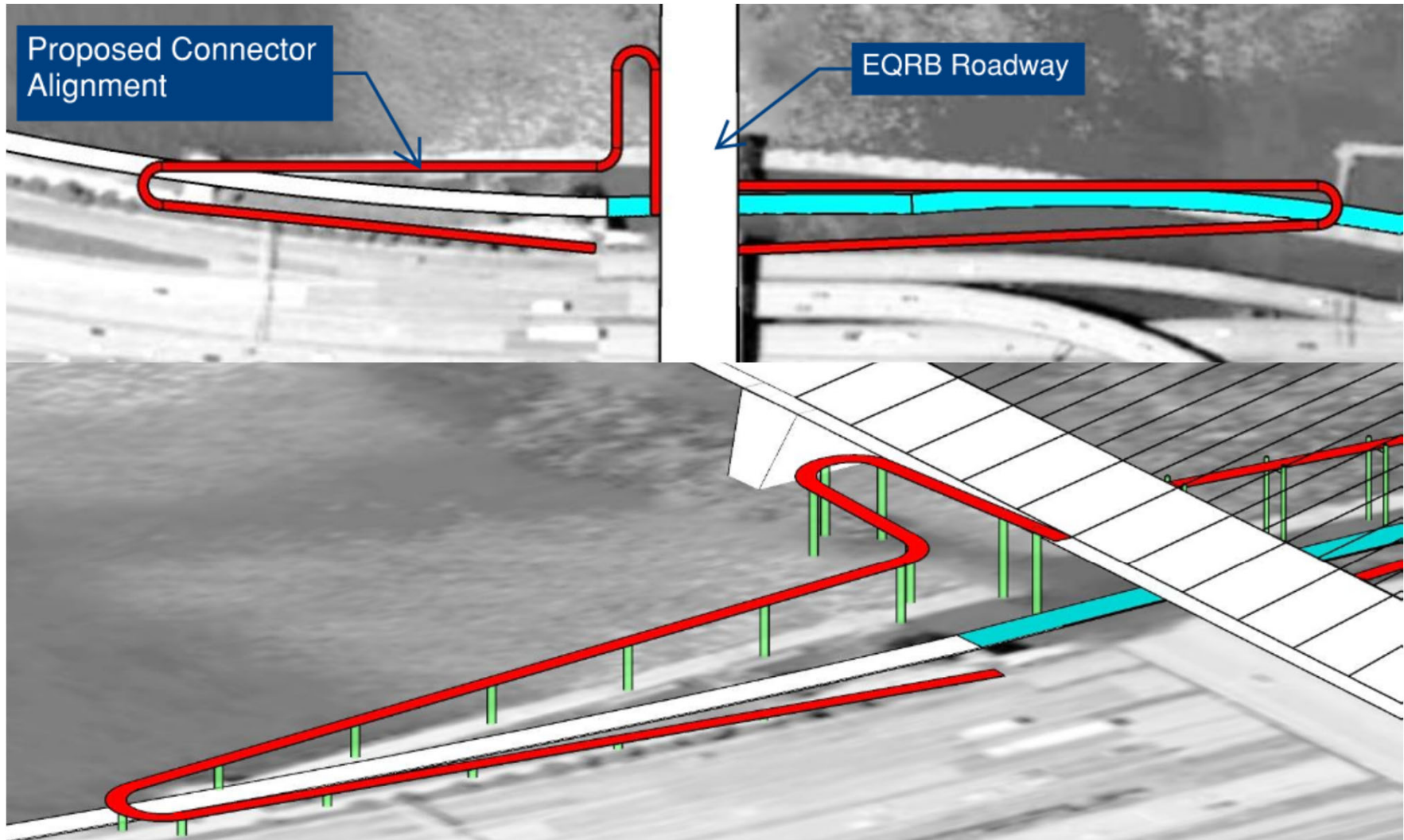
- Geotechnical Constraints
- Environmental Permitting
- Water Access
- Aesthetics
- User Safety/Comfort



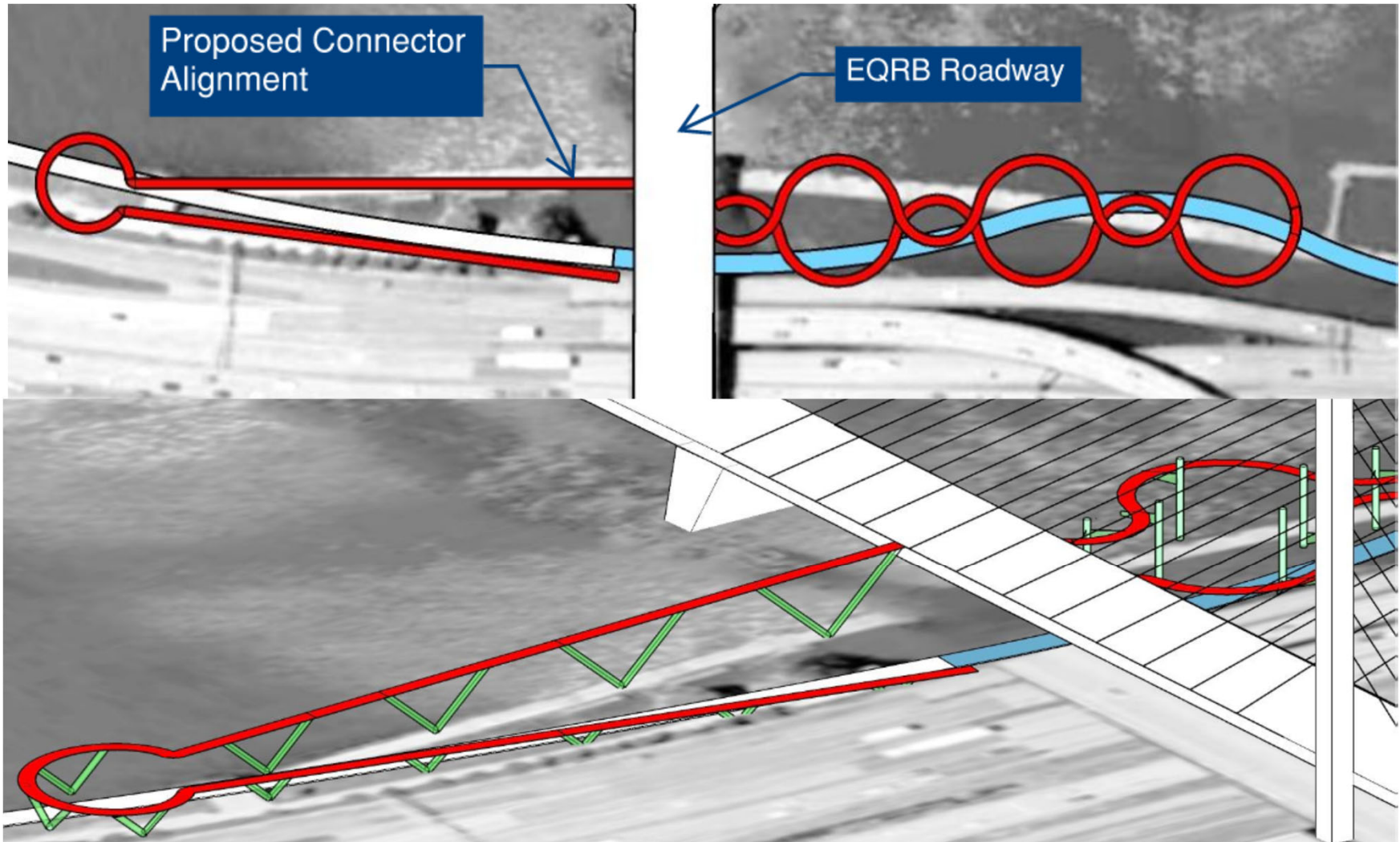
# Liquefiable Soils



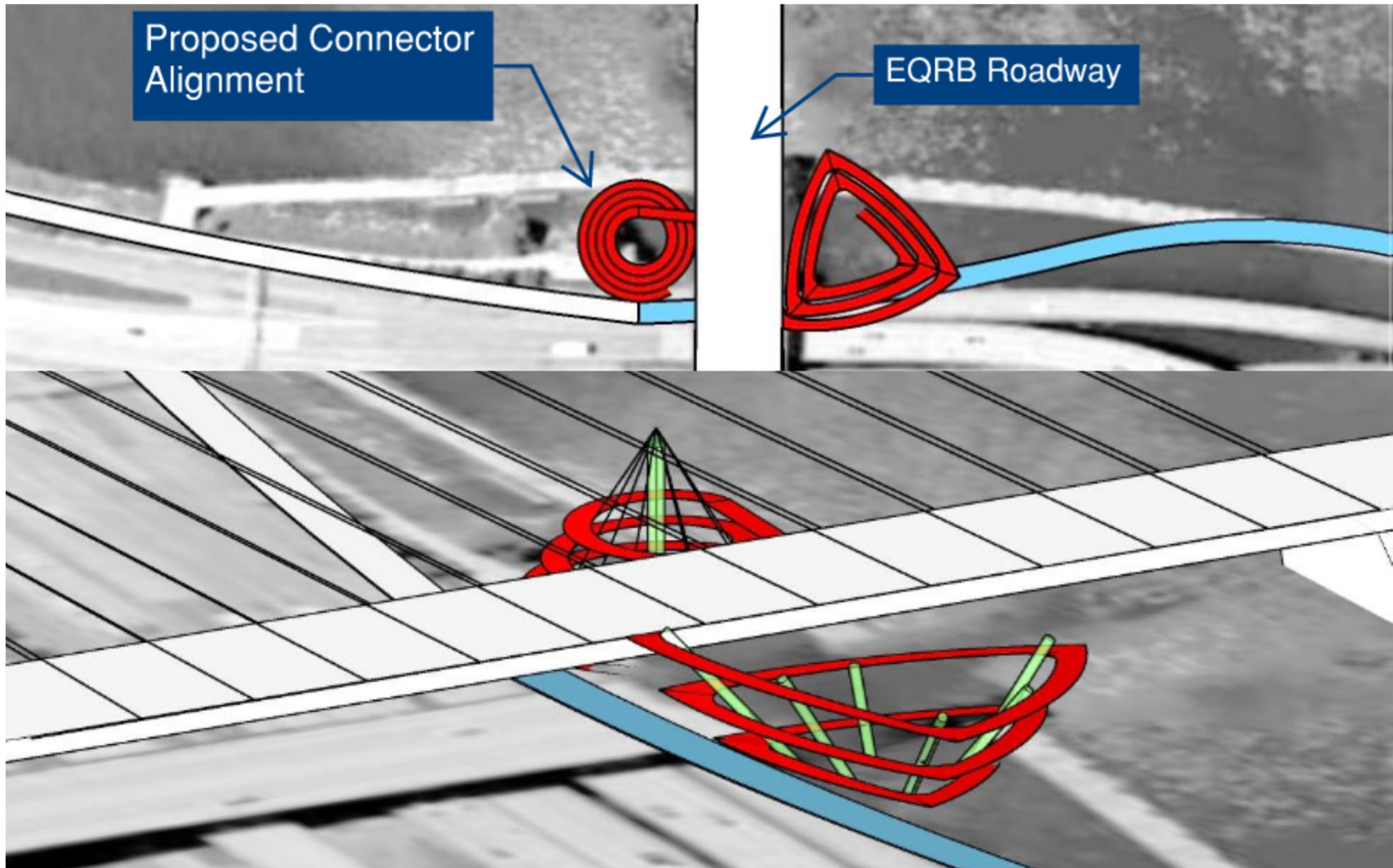
# Alternatives - Concept 1



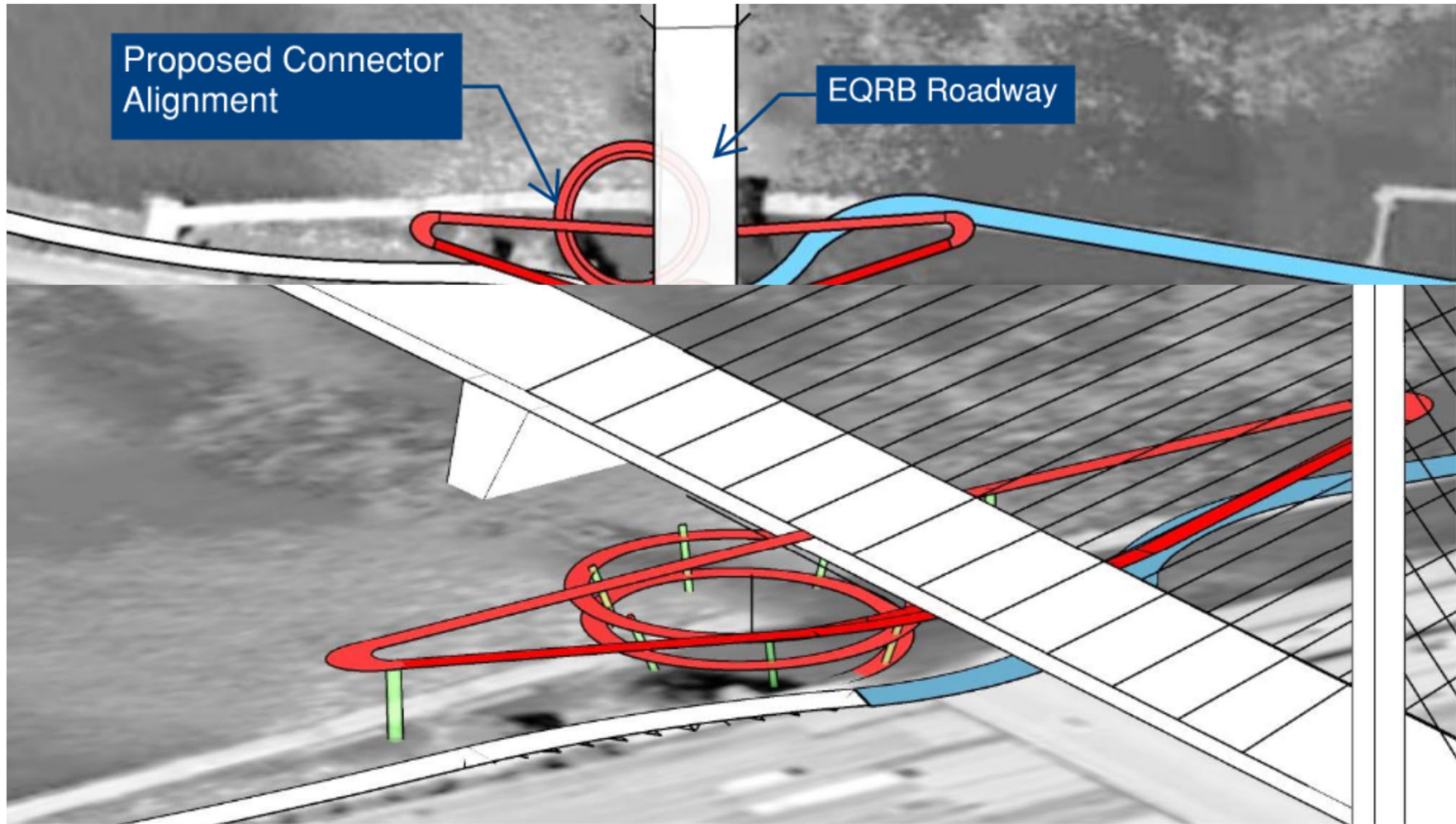
# Alternatives – Concept 2



# Alternatives – Concept 3



# Alternatives – Concept 4



# HAP Concept



## LEGEND

- |                             |                                 |  |
|-----------------------------|---------------------------------|--|
| 1 BRIDGE RAMP CONNECTION    | 7 EXISTING ESPLANADE OVERLOOK   | 13 STORMWATER TREATMENT AREA               |
| 2 NEW BURNSIDE BRIDGE       | 8 WATER LEVEL PEDESTRIAN ACCESS | 14 WOODY DEBRIS FOR HABITAT                |
| 3 EXISTING ESPLANADE RAMP   | 9 RAMP OVERLOOK                 | 15 STAIRS TO RAMP                          |
| 4 ADA ACCESSIBLE RAMP       | 10 TERRACED SEATING STEPS       | 16 SOUND/VISUAL BARRIER WALL ALONG FREEWAY |
| 5 STORMWATER TREATMENT AREA | 11 EXISTING ESPLANADE           | 17 ENHANCED RIPARIAN PLANTING              |
| 6 STAIRS TO ESPLANADE       | 12 ADA RAMP TO WATER LEVEL      | 18 RAMP CONNECTION TO EXISTING ESPLANADE   |

**BURNSIDE BRIDGE PEDESTRIAN ACCESS RAMP CONCEPT**

OVERVIEW BIRDSYE  
LOOKING NORTHEAST

GREENWORKS | HUMAN ACCESS PROJECT 

# Preliminary Cost Estimates

## Ramp

- Connect to both sides of the bridge - ~\$90M with potential to reduce
- HAP south side ramp ~\$140 M
- HAP Toes in the Water ~\$9M

**EARTHQUAKE READY BURNSIDE BRIDGE PROJECT (EQRB)**

**Thank you**