



# Community Task Force Meeting #19

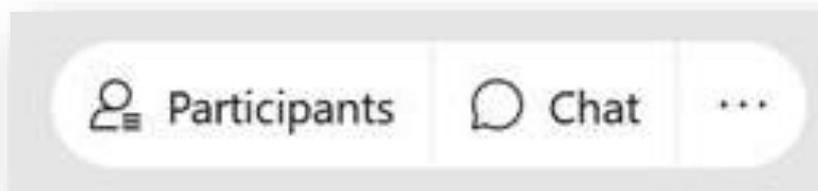
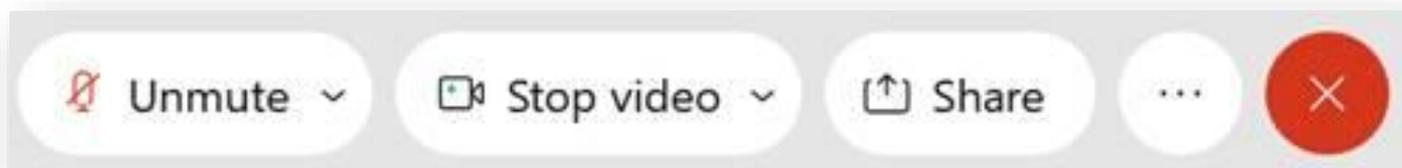
*Members join meeting via  
WebEx link in calendar invite*

*NOTE: Meeting is live to the  
public and recorded*

Department of Community Services  
Transportation Division  
November 9, 2020

# Meeting Protocols

## Using WebEx participation features



*For WebEx tech support call or email Liz Stoppelman:*

*(916) 200-5123*

*Liz.Stoppelman@hdrinc.com*



# Agenda

1. Welcome, Introductions & Housekeeping
2. Public Comment
3. Project Update
4. Bridge Types Trade-offs
5. Criteria Topics Development
6. Open Discussion
7. Next Steps



# Introductions and Roll Call

## Community Task Force

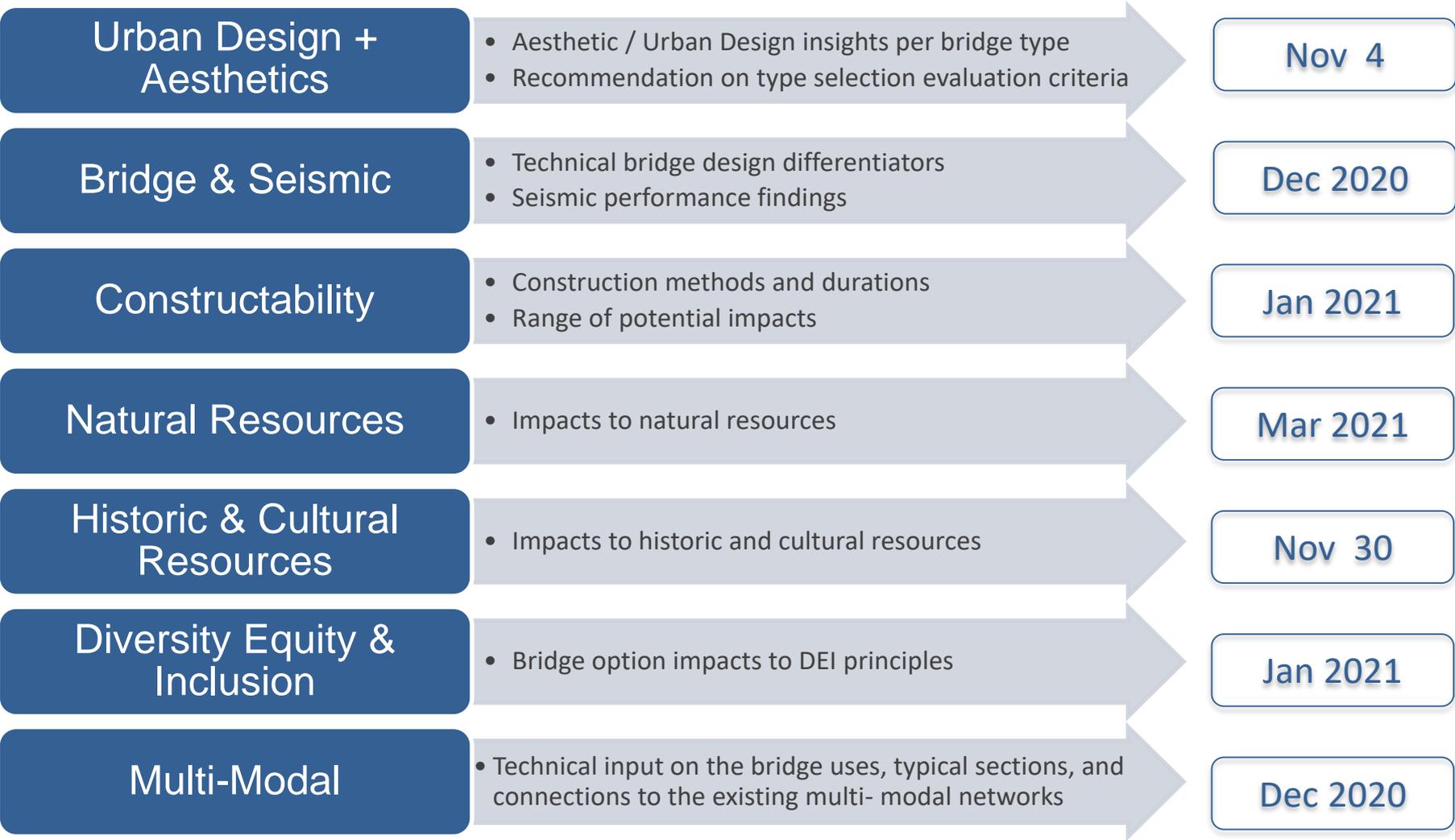
- **Amy Rathfelder**, Portland Business Alliance
- **Art Graves**, Multnomah County Bike and Pedestrian Citizen Advisory Committee
- **Dennis Corwin**, Portland Spirit
- **Ed Wortman**, Community Member
- **Frederick Cooper**, Laurelhurst Neighborhood Emergency Team and Laurelhurst Neighborhood Association
- **Gabe Rahe**, Burnside Skate Park
- **Howie Bierbaum**, Portland Saturday Market
- **Jackie Tate**, Community Member
- **Jane Gordon**, University of Oregon
- **Jennifer Stein**, Central City Concern
- **Marie Dodds**, AAA of Oregon
- **Neil Jensen**, Gresham Area Chamber of Commerce
- **Paul Leitman**, Oregon Walks
- **Peter Englander**, Old Town Community Association
- **Peter Finley Fry**, Central Eastside Industrial Council
- **Sharon Wood Wortman**, Community Member
- **Stella Funk Butler**, Coalition of Gresham Neighborhood Associations
- **Susan Lindsay**, Buckman Community Association
- **Tesia Eisenberg**, Mercy Corps
- **Timothy Desper**, Portland Rescue Mission
- **William Burgel**, Portland Freight Advisory Committee





# Bridge Type Selection Phase

## Working Groups to support the CTF

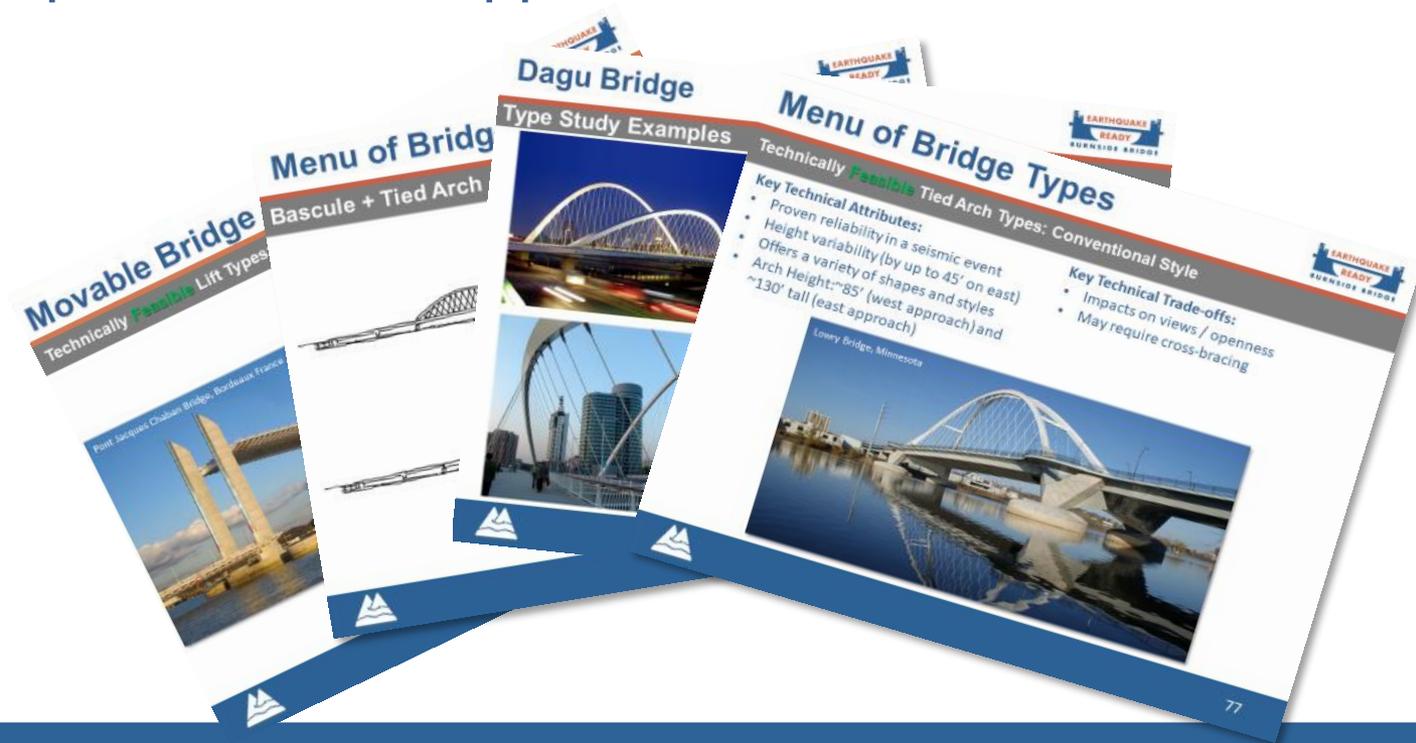


*\*CTF members invited to attend working group meetings as desired*

# Project Update

## Urban Design & Aesthetics Working Group

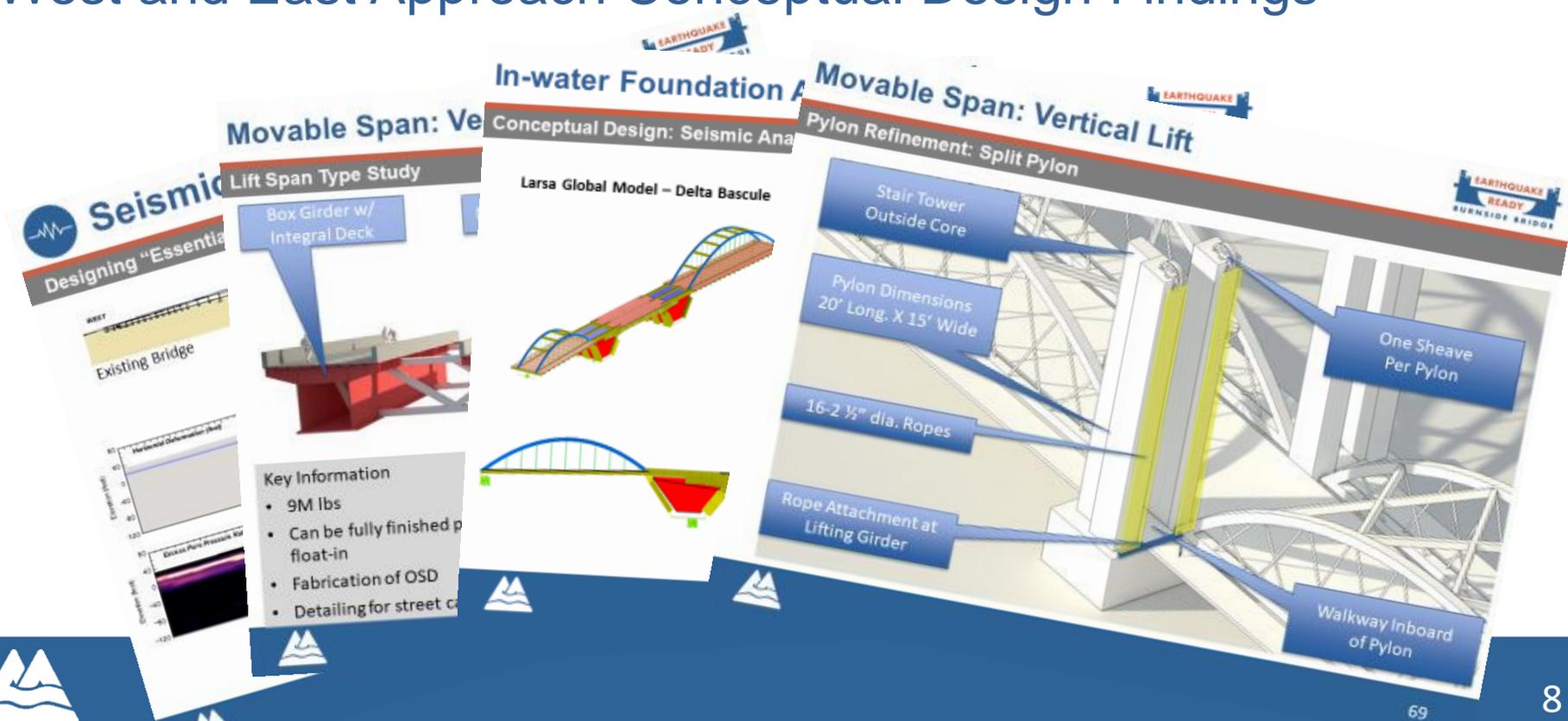
- Architectural and Urban Design Themes
- Menu of Bridge Types
- Bridge Aspirations and Opportunities



# Project Update

## Bridge & Seismic Working Group

- Bridge Design Criteria
- Movable Bridge Conceptual Design Findings
- West and East Approach Conceptual Design Findings



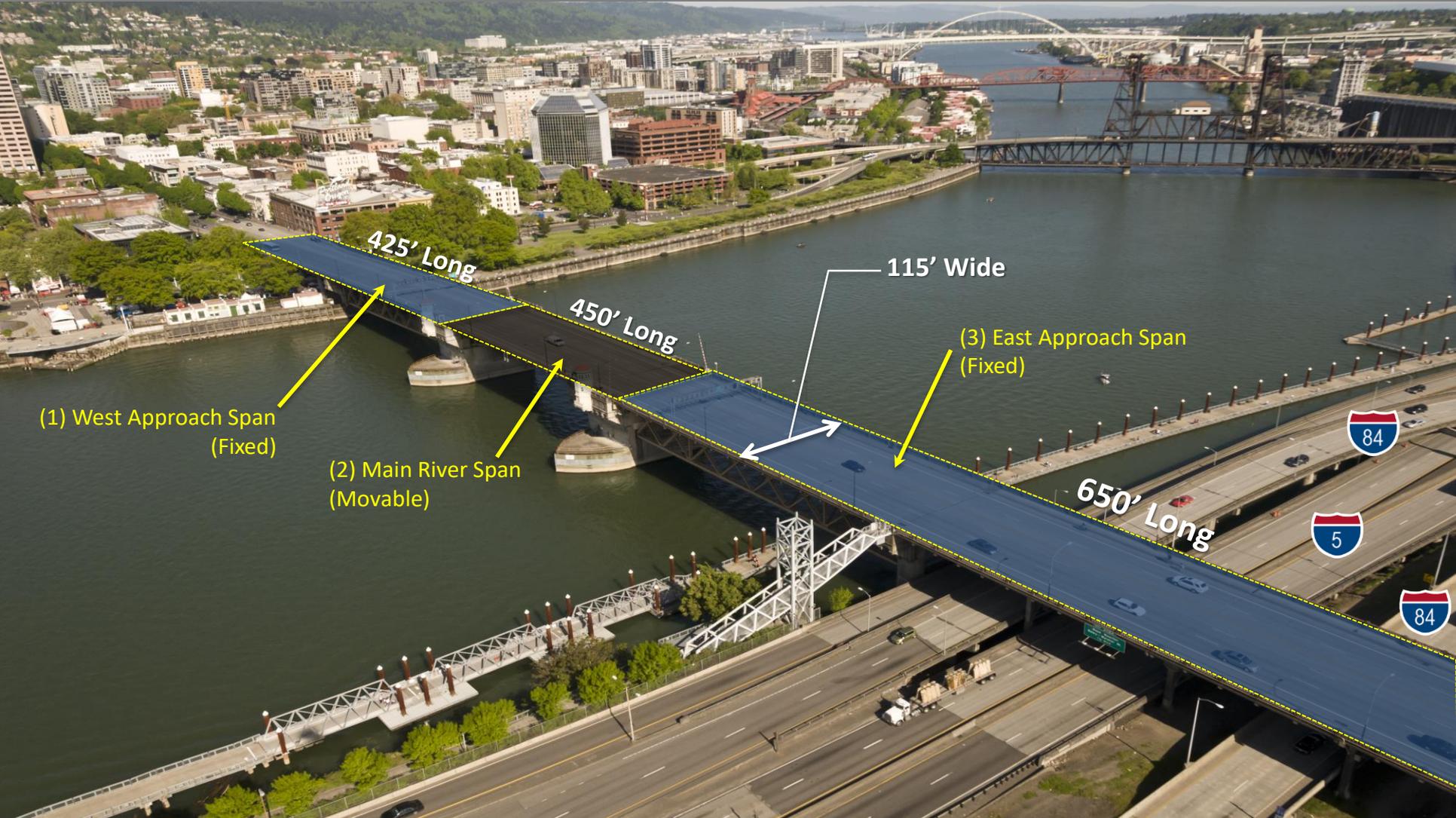
### Cultural Resources Consulting Parties Meeting – 11/30/20

- Review Determinations of Eligibility for historic resources
- Review draft Findings of Effect for historic resources
- Discuss potential mitigation measures for historic resources

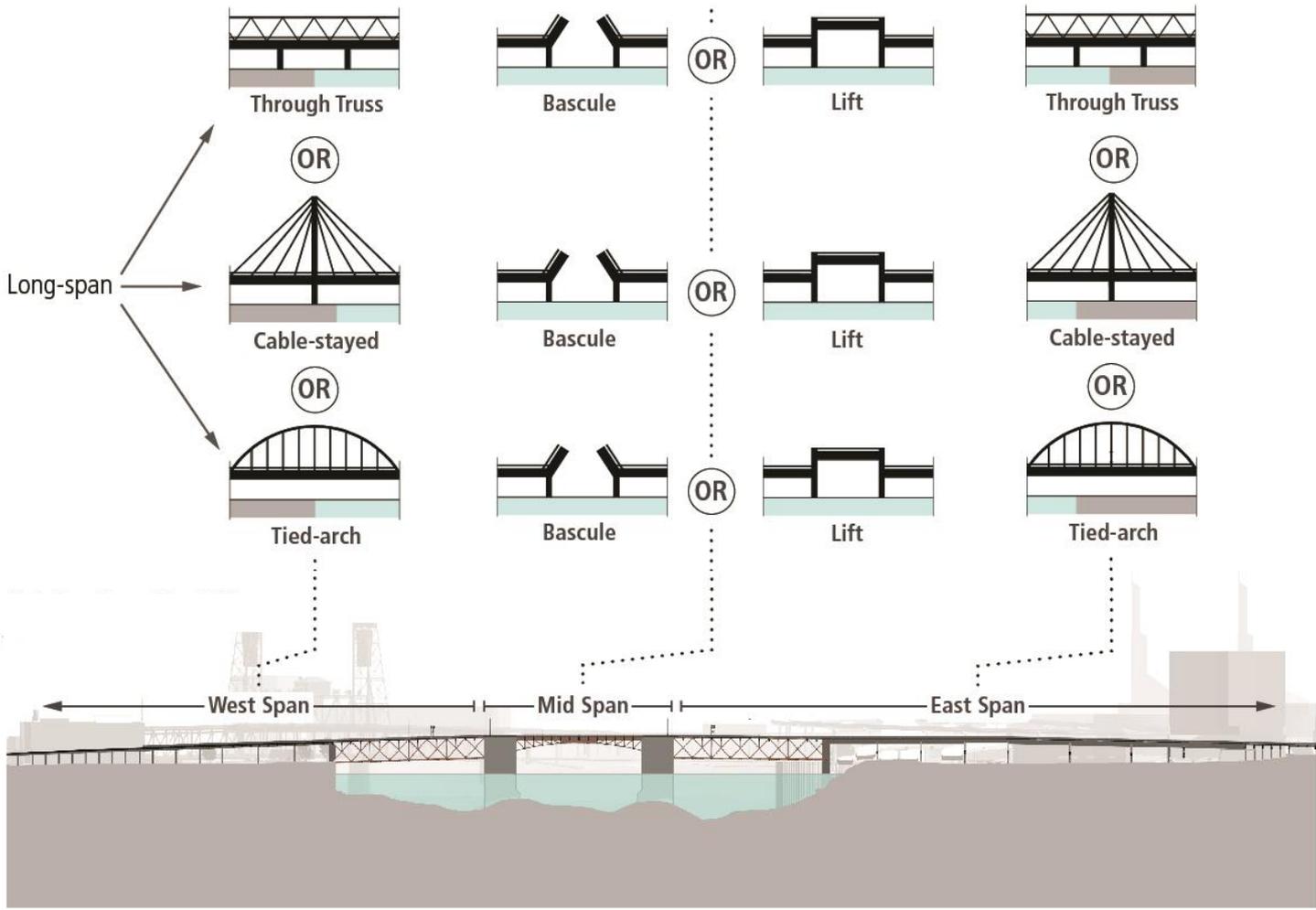


# Bridge Types Overview

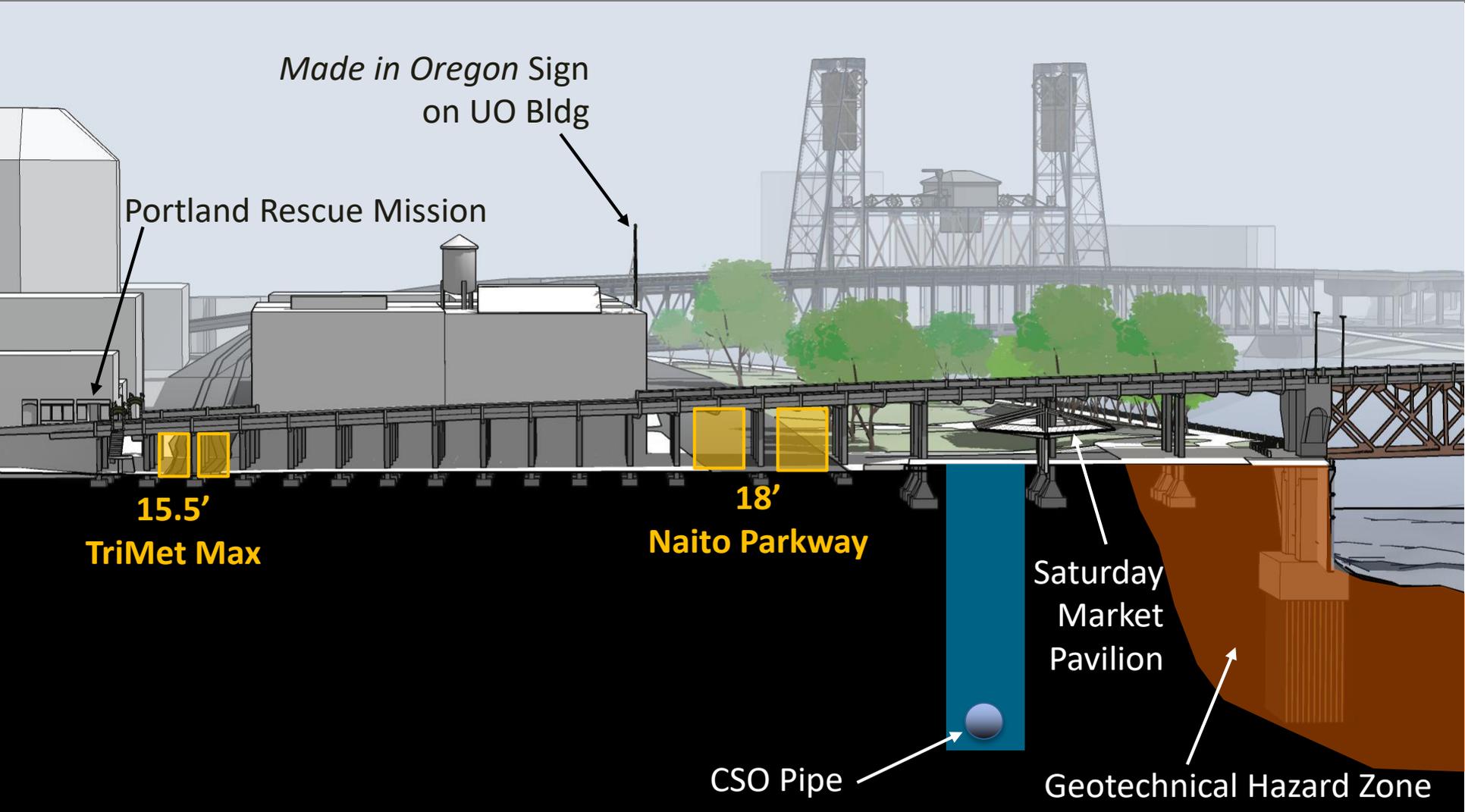
Long Span – “Three bridges in one”



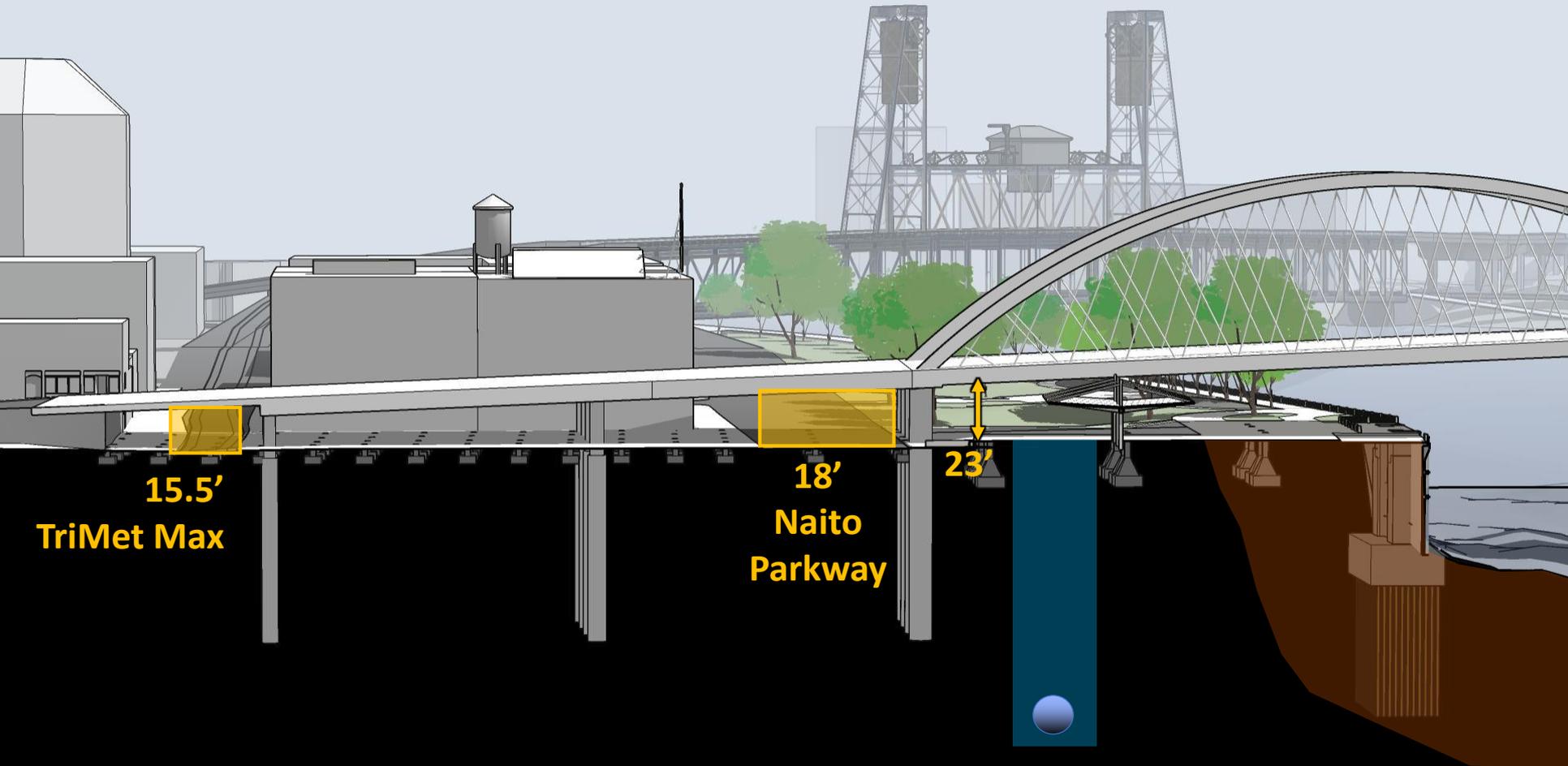
# Bridge Types Overview



# West Approach View: Existing Bridge



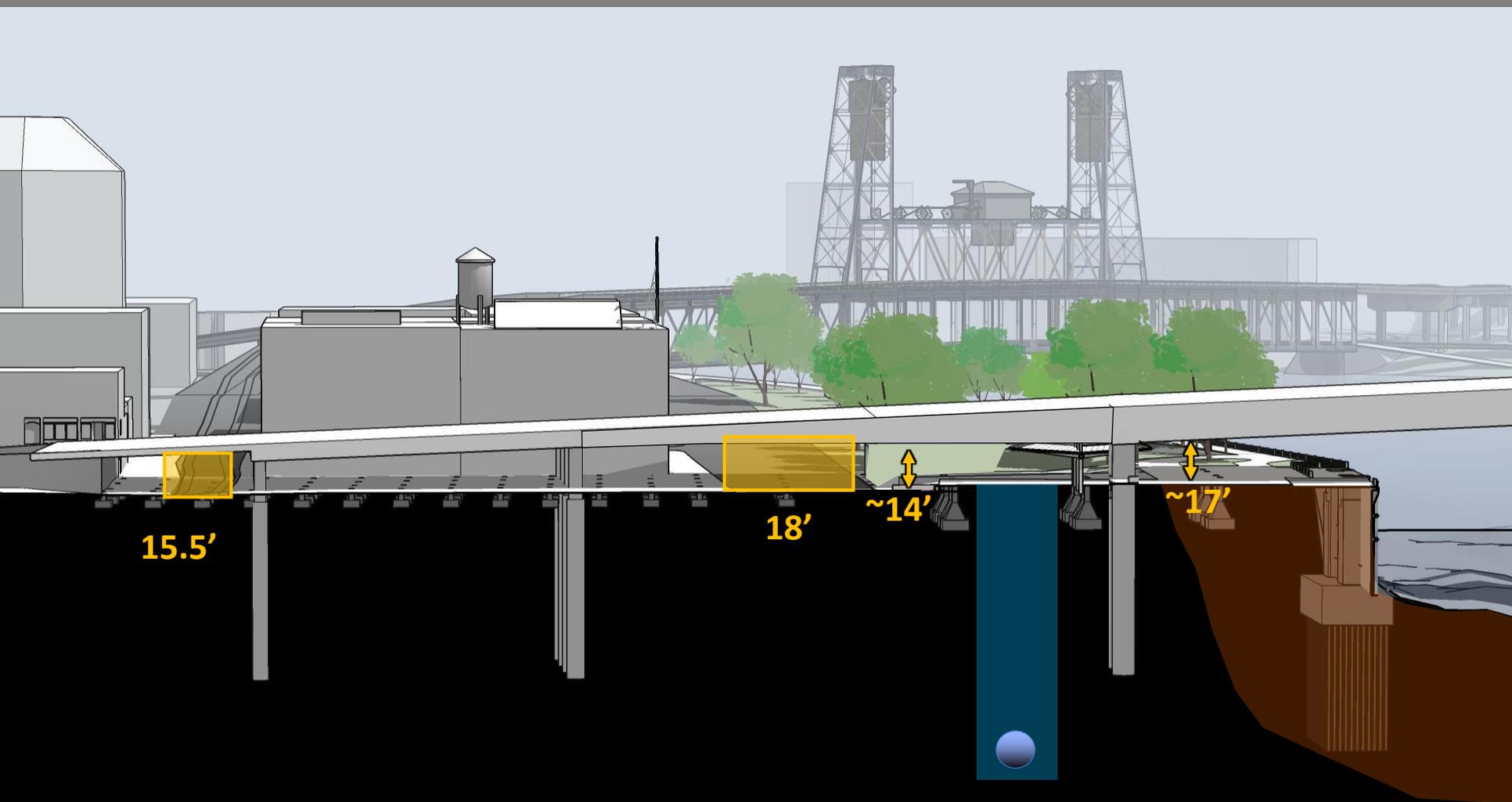
# West Approach View: Tied Arch Concept



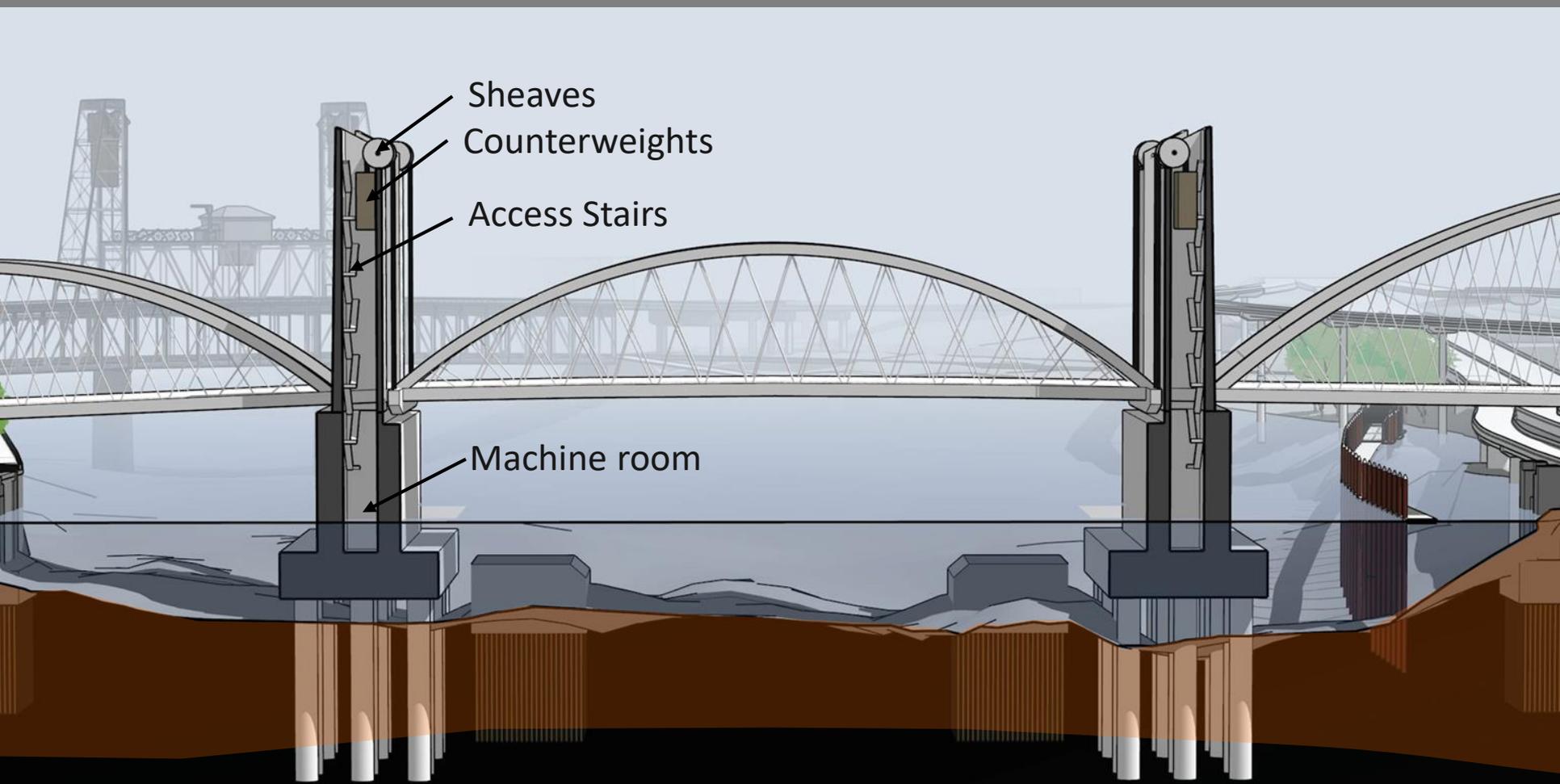
# West Approach View: Cable Stayed Concept



# West Approach: Steel Girder Concepts



# River View: Vertical Lift + Tied Arch Concept



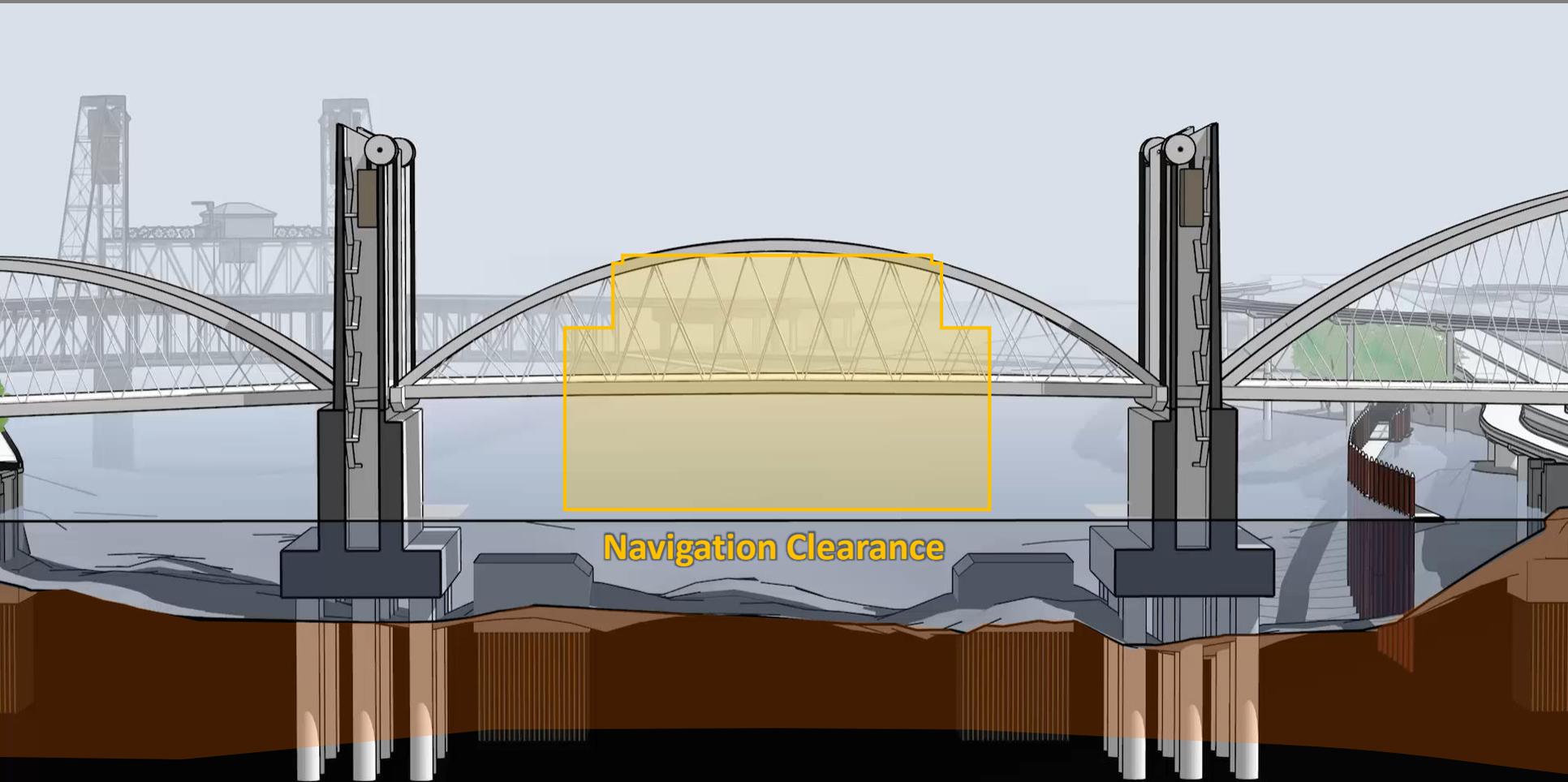
Sheaves  
Counterweights

Access Stairs

Machine room



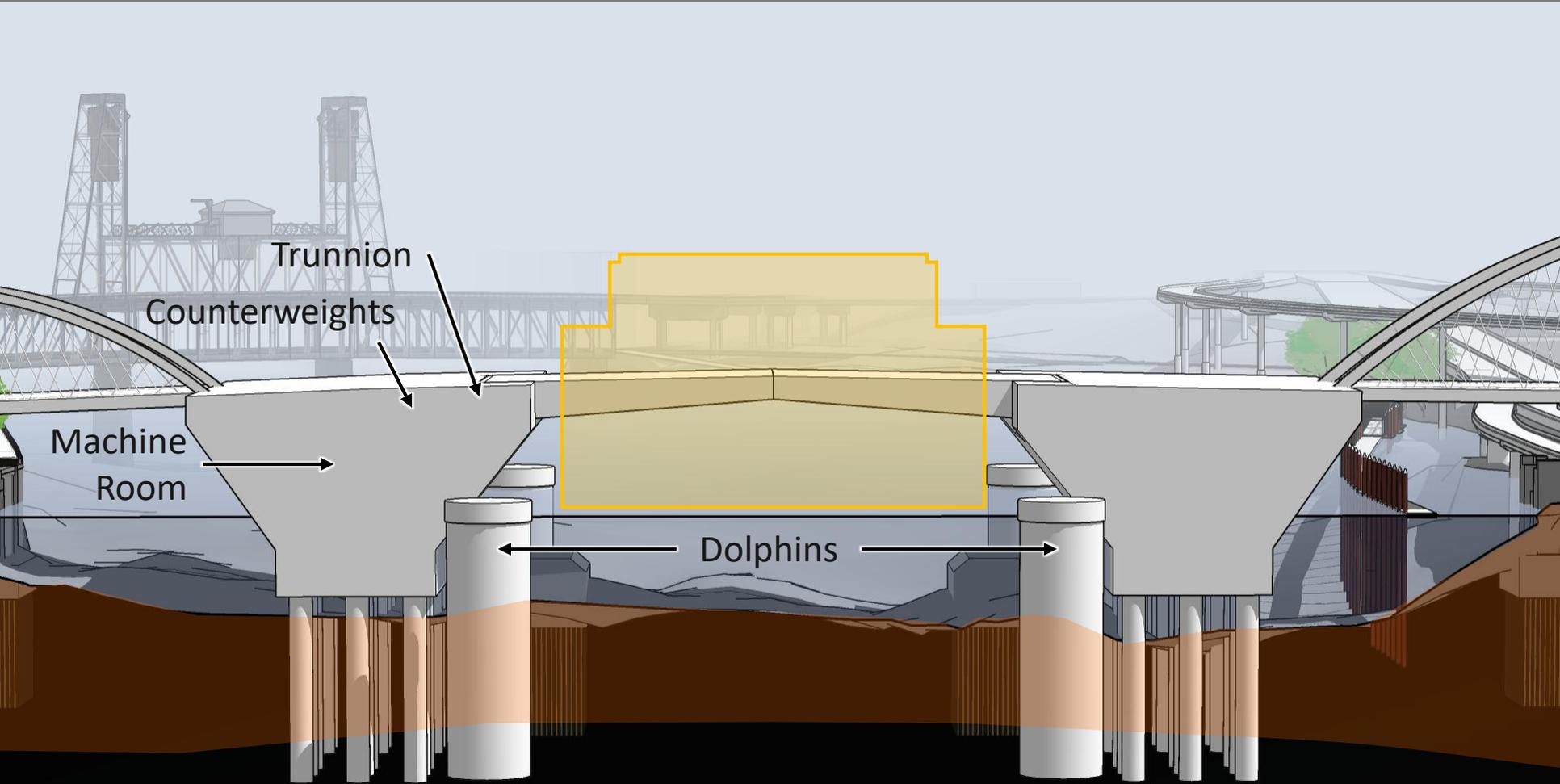
# River View: Vertical Lift + Tied Arch Concept



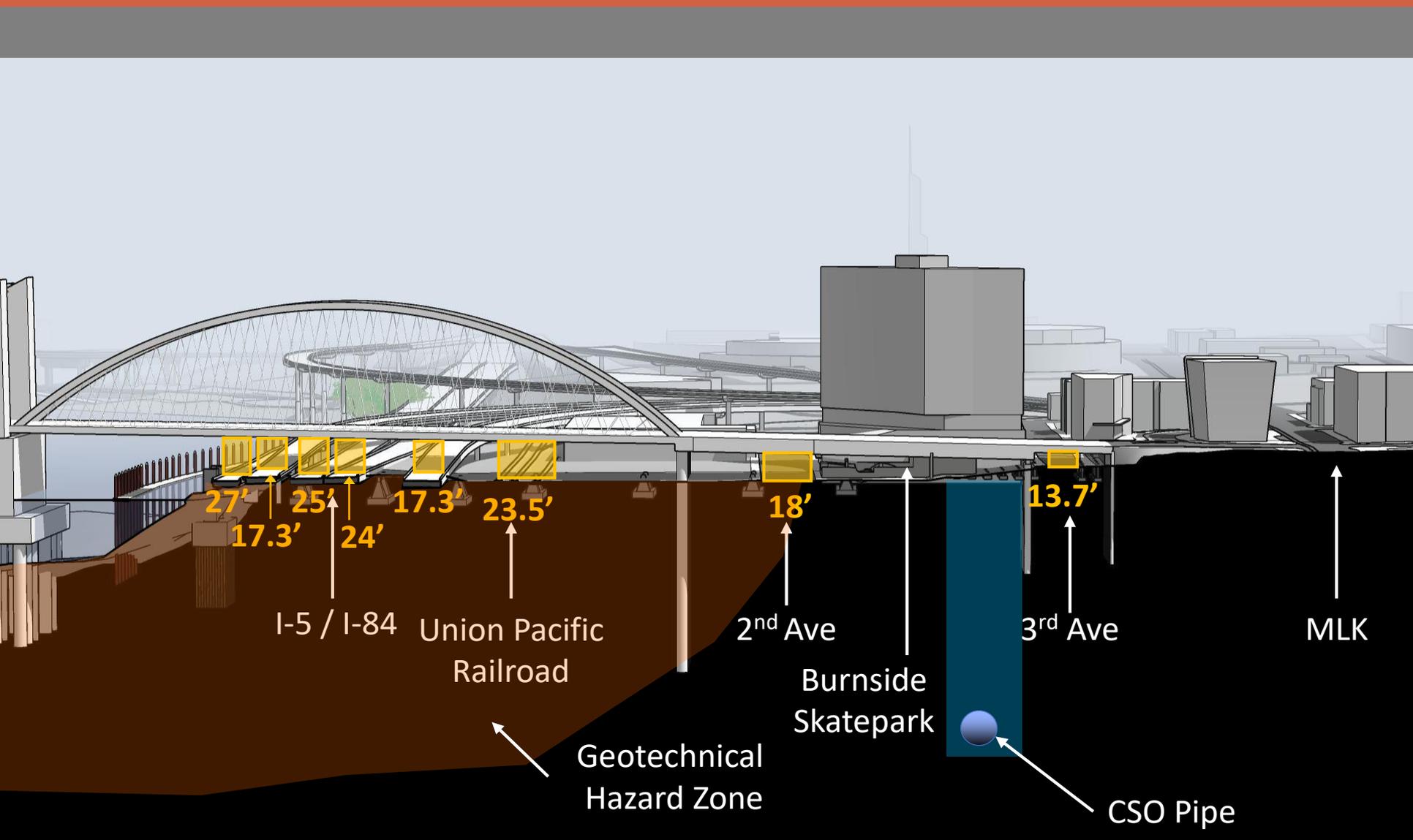
Navigation Clearance



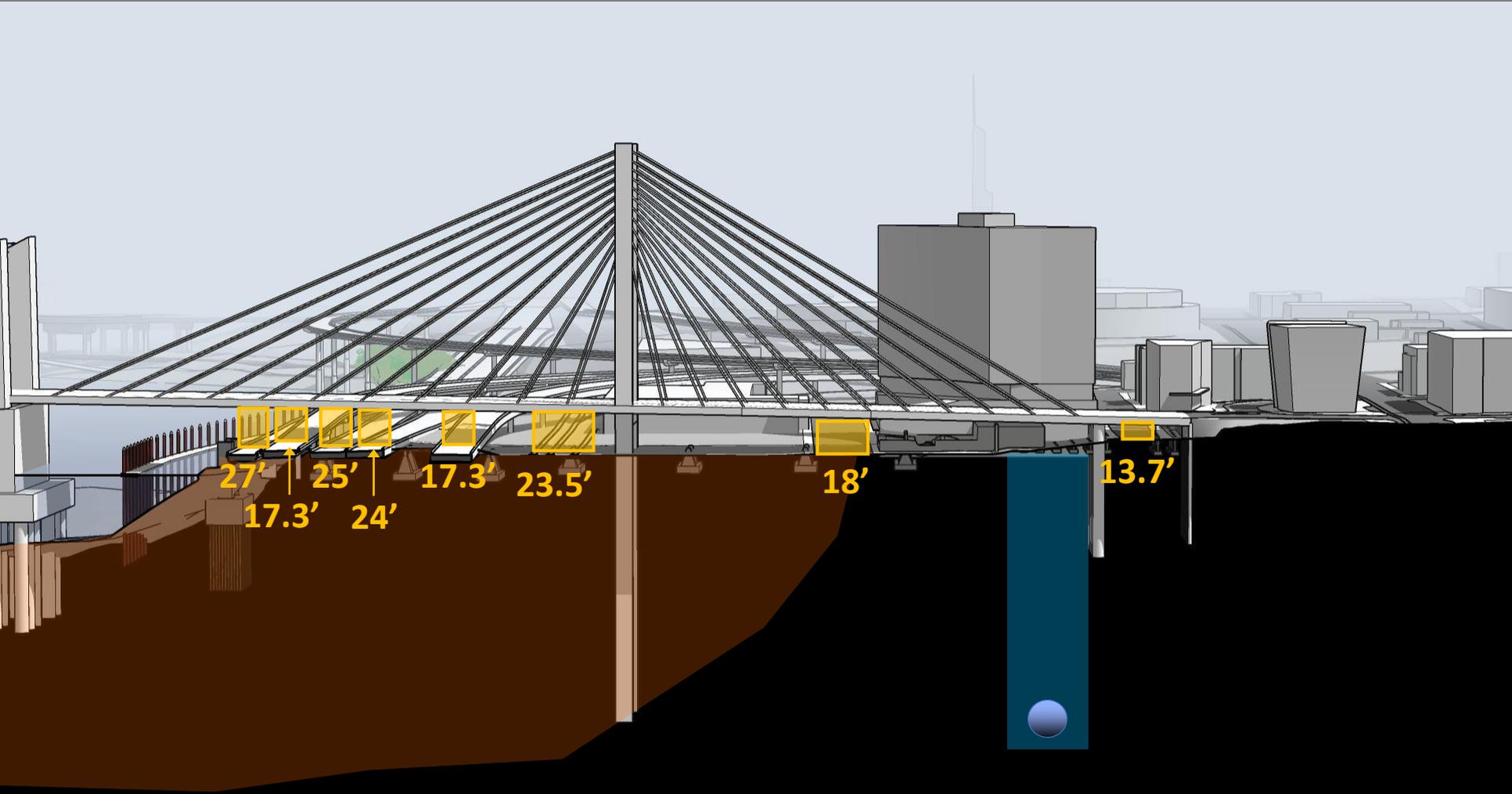
# River View: Bascule + Tied Arch Concept



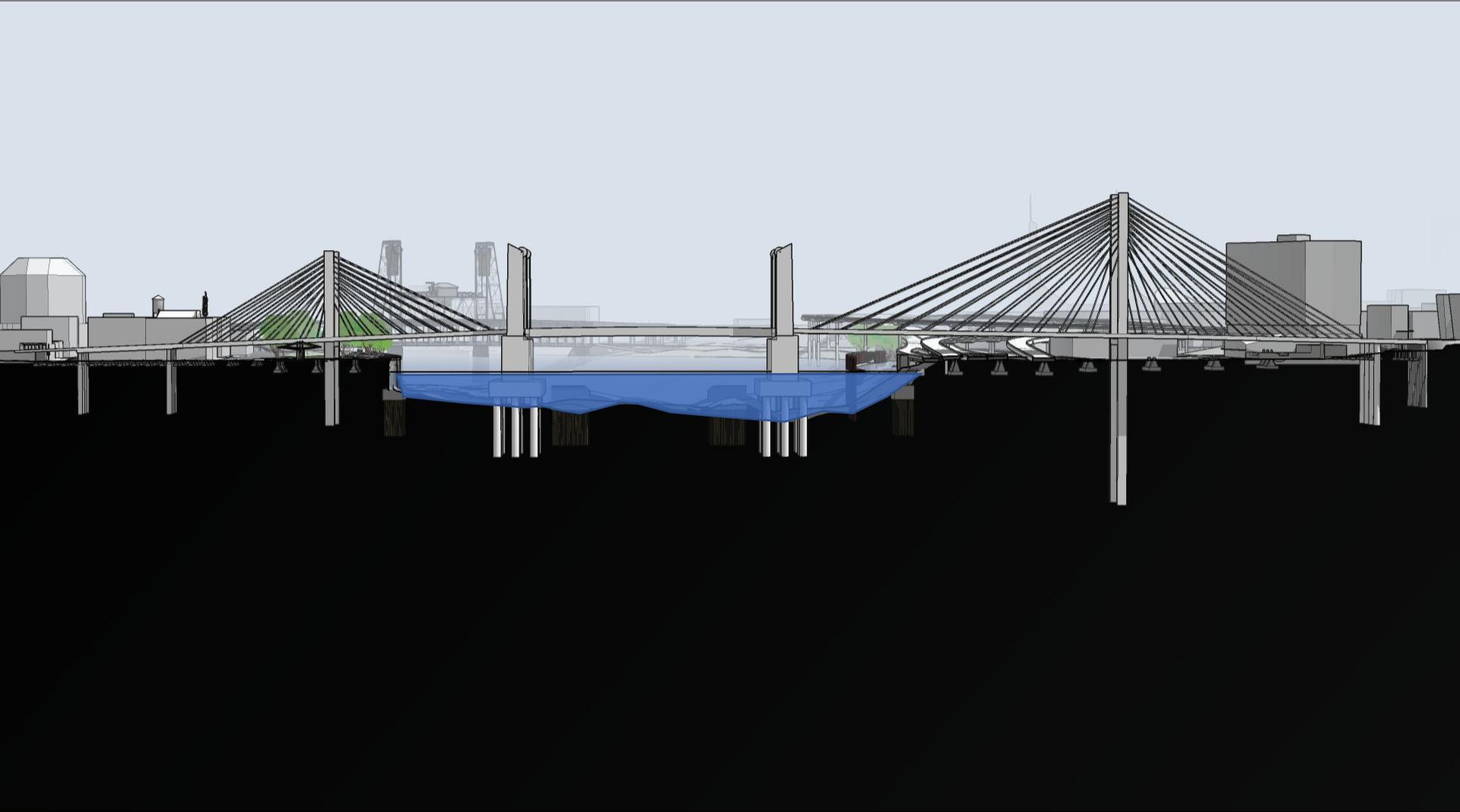
# East Approach View: Tied Arch Concept



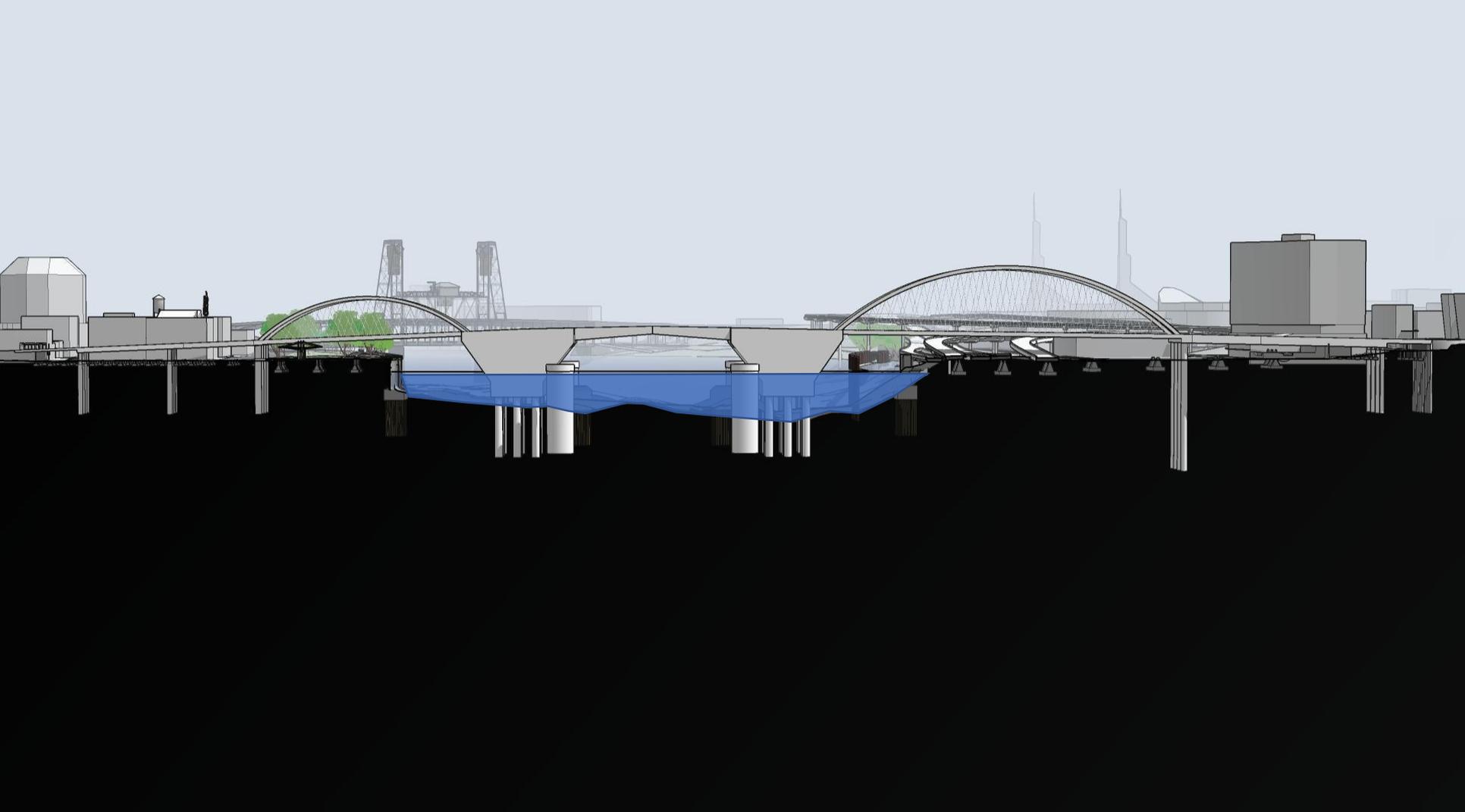
# East Approach View: Cable Stayed Concept



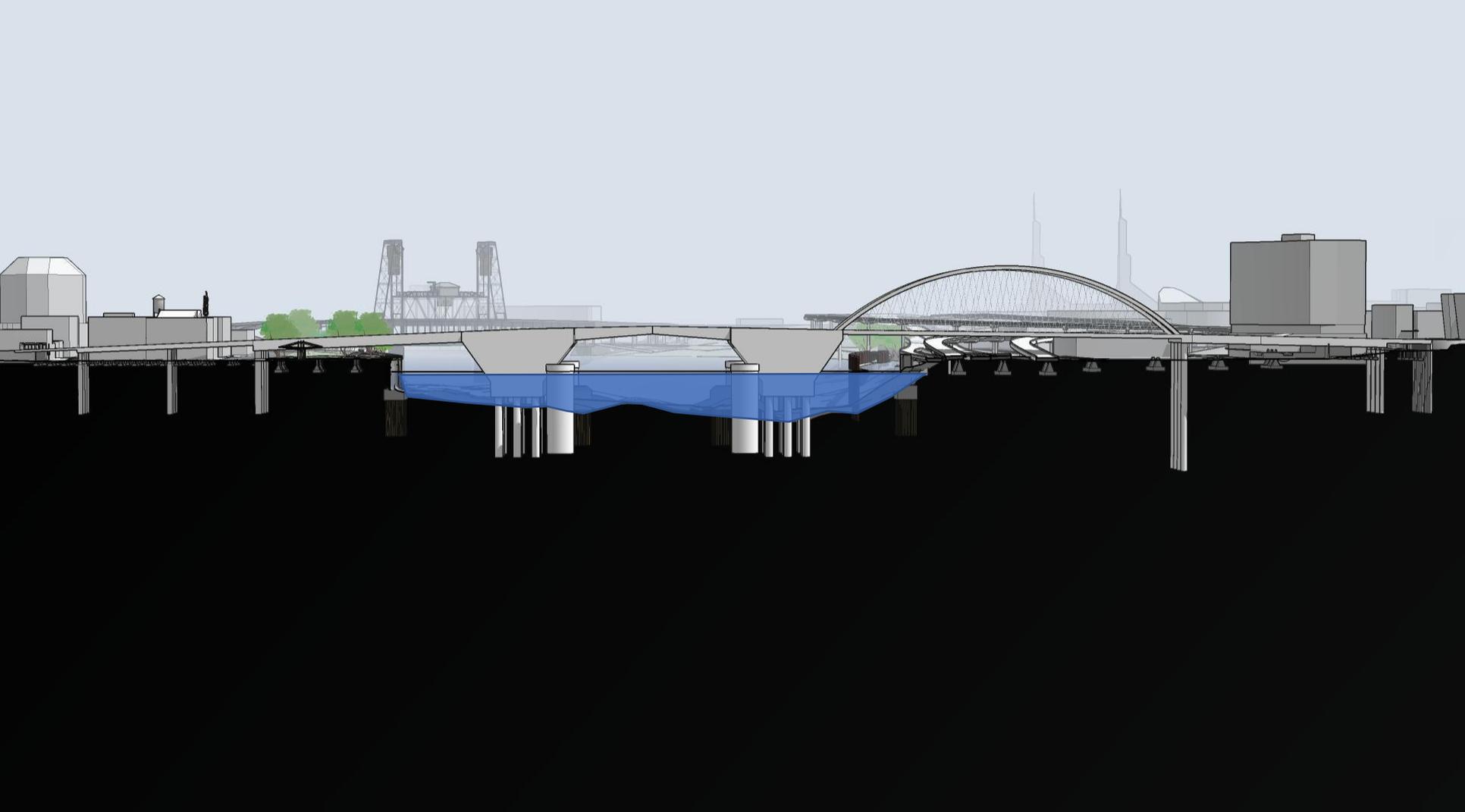
# Vertical Lift + Cable Stayed Concept



# Bascule + Tied Arch Concept



# Bascule + Arch/Girder Asymmetrical Concept



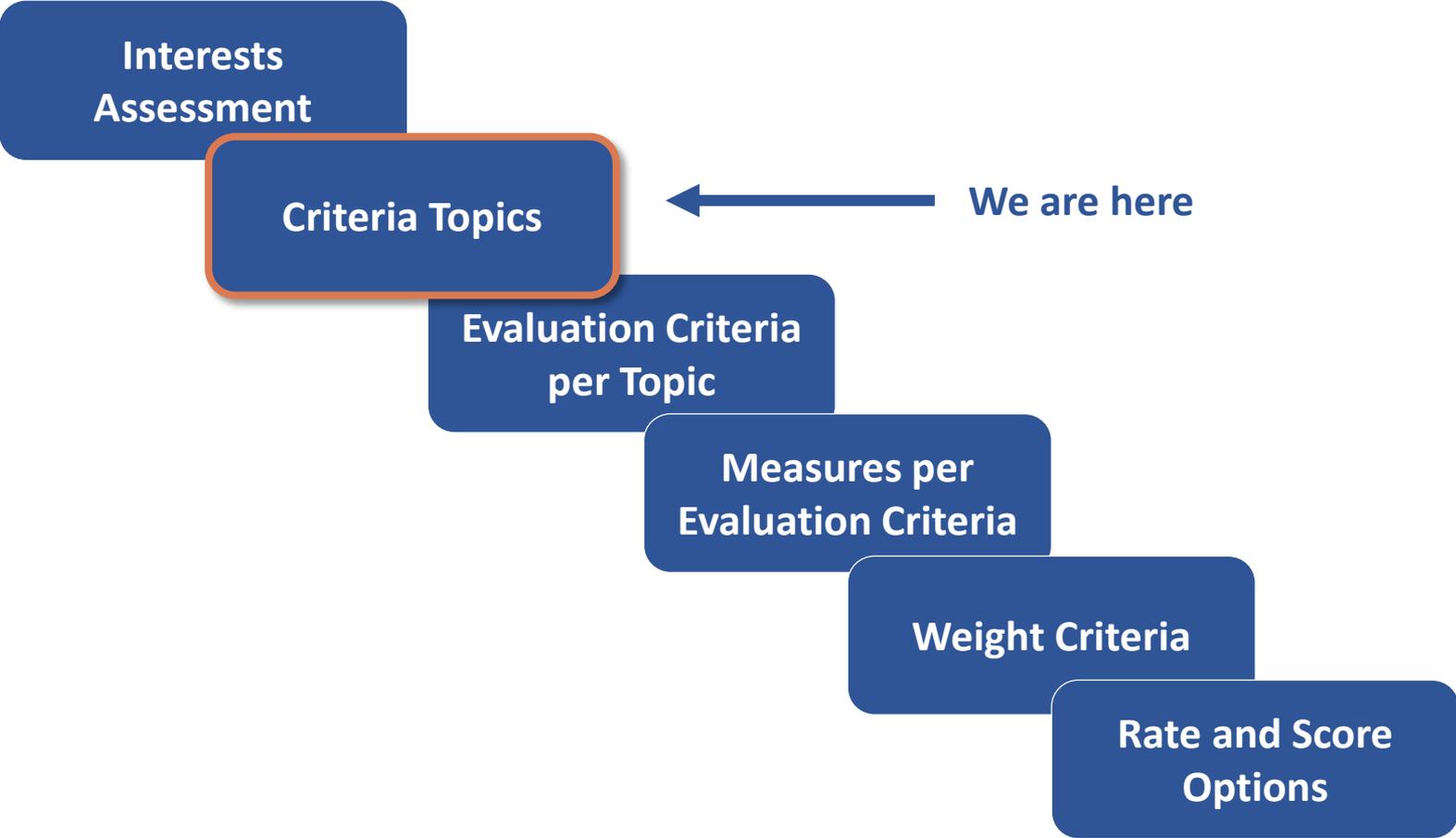


# Questions / Break



# Criteria Development

Evaluation Process - *Steps in Getting to a Recommended Bridge Type*



# Criteria Development



## What We Heard – Key Topics (in alphabetical order)

### Bridge Users

- Active Transportation / ADA Enhancement
- Motorized Vehicles / Freight Operations
- Personal Safety
- Public Gathering Place / Destination
- Transit Operations

### Technical Design and Function

- Environmental Stewardship
- Fiscally Smart
- River Navigation Operations
- Seismic Resiliency
- Utilities

### Urban Setting

- Community Connectivity
- History and Culture
- Site Integration
- Visuals, Views, and Aesthetics



## Ideas from recent Working Group meetings

### Urban Design & Aesthetics

- Maximize openness and maintain views
- Forward thinking design
- Proportions that match existing site context
- Safe and comfortable for all users, especially bikes and pedestrians
- Public realm experience the park

### Bridge Structural & Seismic

- Seismically resilient design
- Efficient movable operations
- Ease of maintenance / Low maintenance needs
- Support river navigation and hydraulic demands
- Low constructability risks
- Cost-effective design / satisfies budget





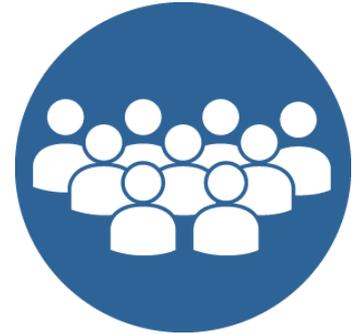
## CTF Discussion

- *Are we missing anything?*
- *Do these topics represent the key interests we should consider for Type Selection?*



## Upcoming CTF Meetings

- **November 23:**
  - Evaluation criteria per topic
  - Menu of bridge types refinement
- **December 7:**
  - Measures per evaluation criteria
  - Range of feasible bridge types
- **December 21:**
  - Finalize criteria and measures
  - Range of feasible bridge types





# Open Discussion



# Thank you!

