



# ELLIOTT BAY SEAWALL PROJECT

## Seattle City Council

**Central Waterfront, Seawall and Alaskan Way Viaduct  
Replacement Program Select Committee**

**March 24, 2014**

# TODAY'S AGENDA



- I. Current project status and schedule
- II. Project risks update
- III. Focus on pier coordination
- IV. Next steps



# CURRENT PROJECT STATUS

# RECENT MILESTONES



– In-water work complete!

– Waterfront Park area

- Sheet/concrete pile installed
- Concrete piles cut down, dive inspections conducted

– Yesler/Washington area

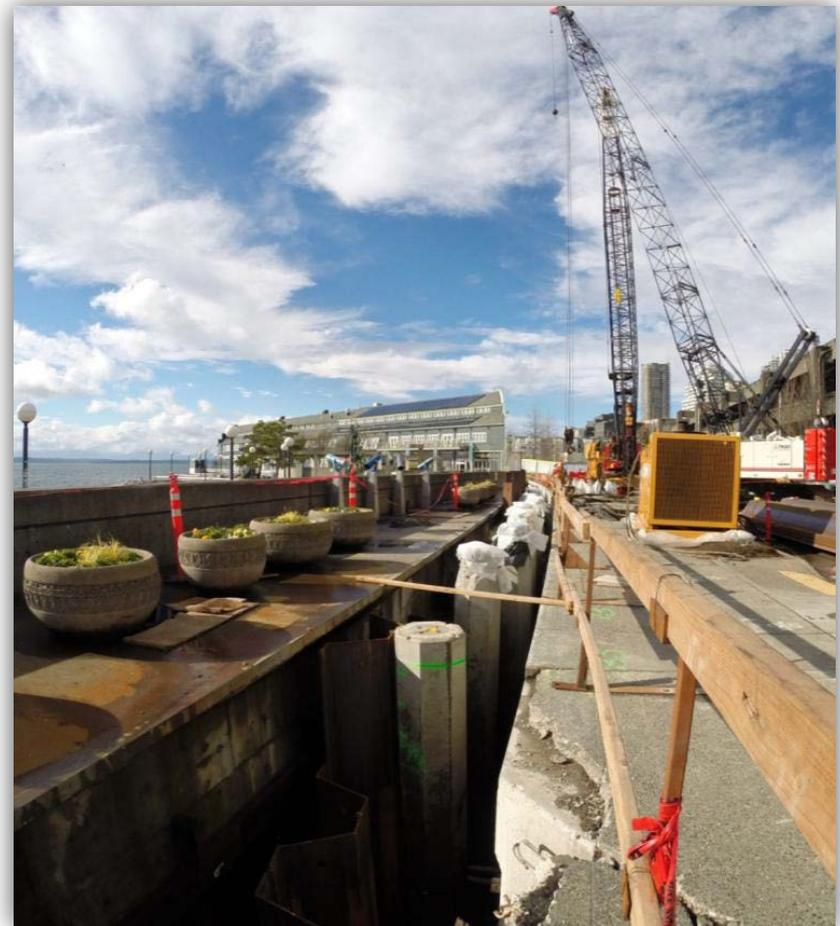
- Sheet/concrete piles installed
- Temporary utilities nearly complete
- Yesler Driveway to Colman Dock relocated



# UPCOMING PROJECT WORK – NEXT SIX TO EIGHT WEEKS

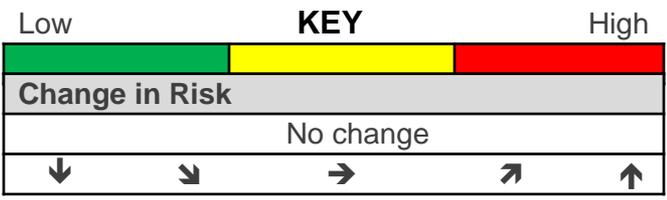


- **Waterfront Park area activities**
  - Return walls for dewatering tests
  - Jet Grout mobilization and tests
  - Drilled shafts, shoring wall prep
  - Ready for summer interim restoration, removal of fence/parking
- **Yesler/Washington area activities**
  - Landside sheet pile wall installation
  - Shoring wall
  - Jet Grout tests
  - Drilled shafts
- **Issue FSEIS**



# PROJECT RISKS AND DRIVERS UPDATE

# PROJECT RISK UPDATE



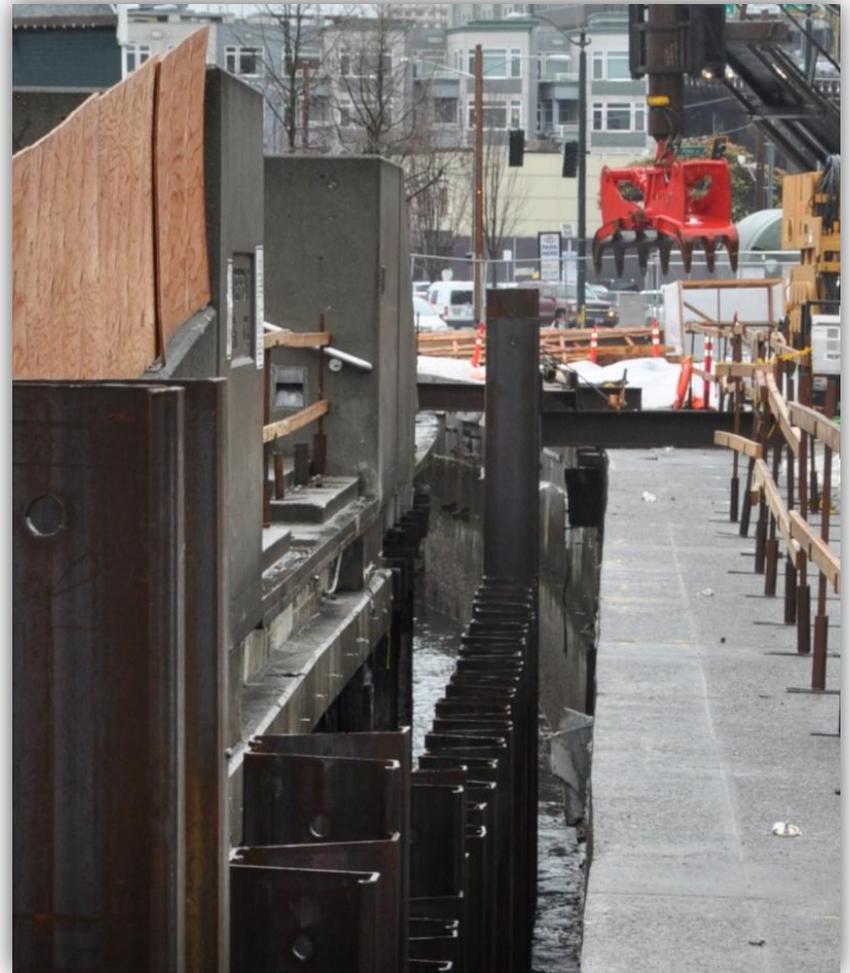
<b>Moderate/High Risk Items</b> <i>Ongoing monitoring by Project Team</i>	<b>Potential Cost Impacts</b>	<b>Potential Schedule Impacts</b>	<b>Current Status</b>
<b>Agency Coordination</b>			
Zone 1 coordination	↘	✓	WSDOT and SDOT closely coordinating; key date is Oct 1 for ferry queuing switch/central pier start
Utility conflicts and intra-agency coordination	→	✓	Ongoing
Stakeholder coordination	→	✓	Utility mapping for season 2 nearly complete. Coordination for relocation underway.
<b>Construction</b>			
Sheet/concrete pile installation	↘	✓	In-water work complete. Landside sheet installation next.
Dewatering operation	→	✓	Dependent on successful sheet pile installation & permitting approvals; plan in development
Jet grout installation	↘	✓	Mobilization of plant beginning late March; space identified
Contaminated materials	→	✓	Water and soil sampling underway to inform dewatering treatment system and disposal options
<b>Design</b>			
Private pier connections to new wall	→	✓	Private property work planned, site investigation and coordination on-going
Utility connections and wall penetrations	↘	✓	Existing and future utilities to match precast wall panels
<b>Contractual</b>			
Subcontract bidding	→	✓	Marine Package bidding now
<b>Permitting</b>			
Marine mammal detections	↘	✓	No work days lost this in-water work season

# PIER COORDINATION

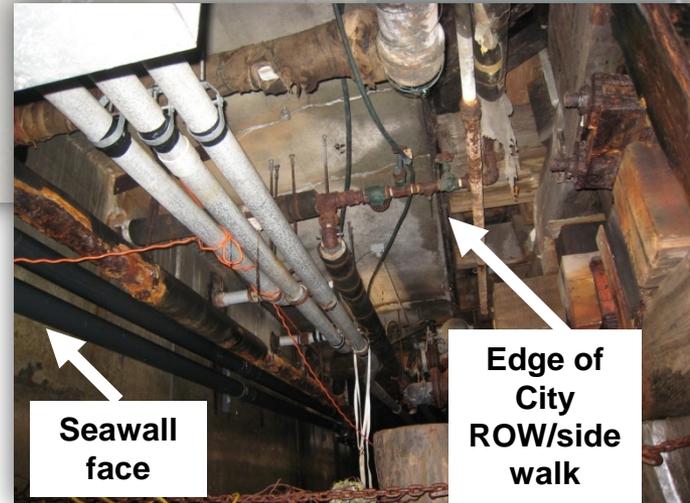
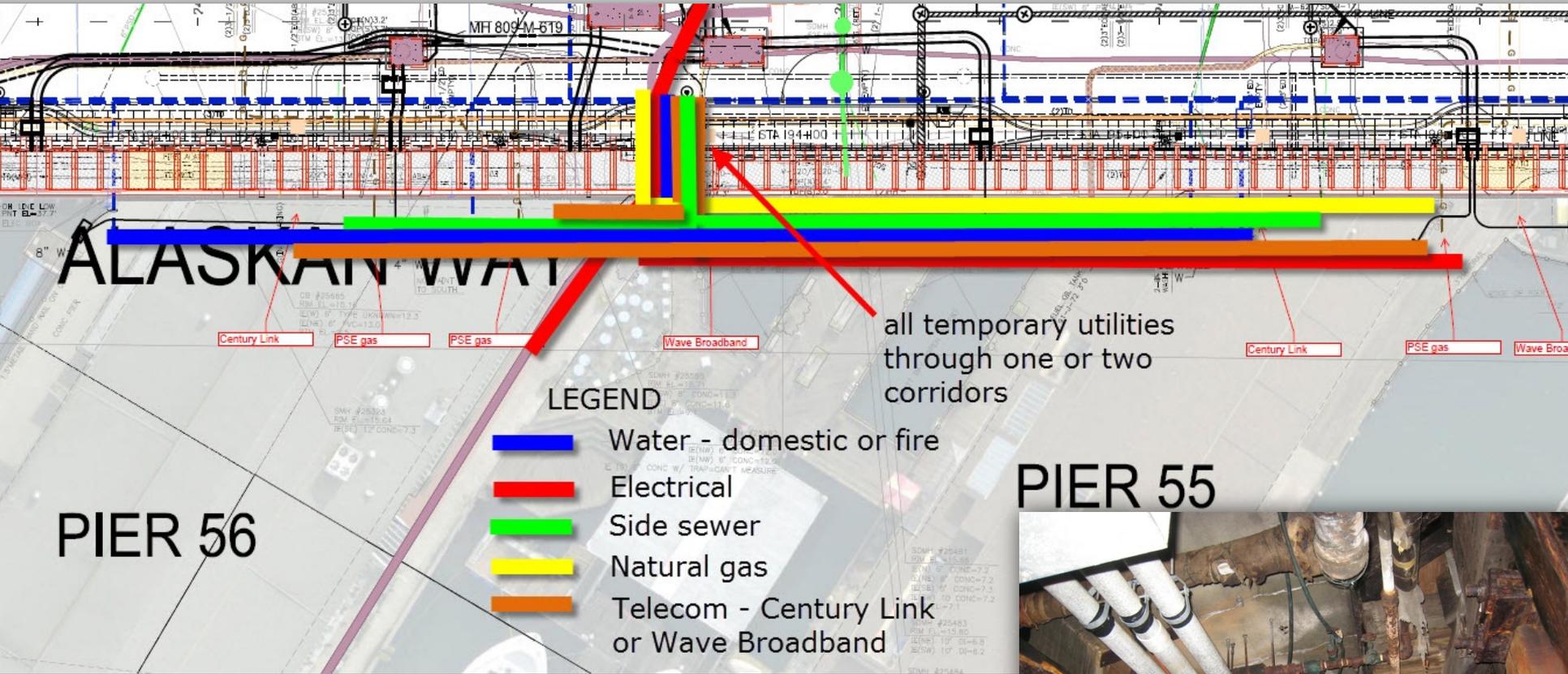
# READYING FOR SEASON 2: CLEARING THE WAY FOR SHEET PILE



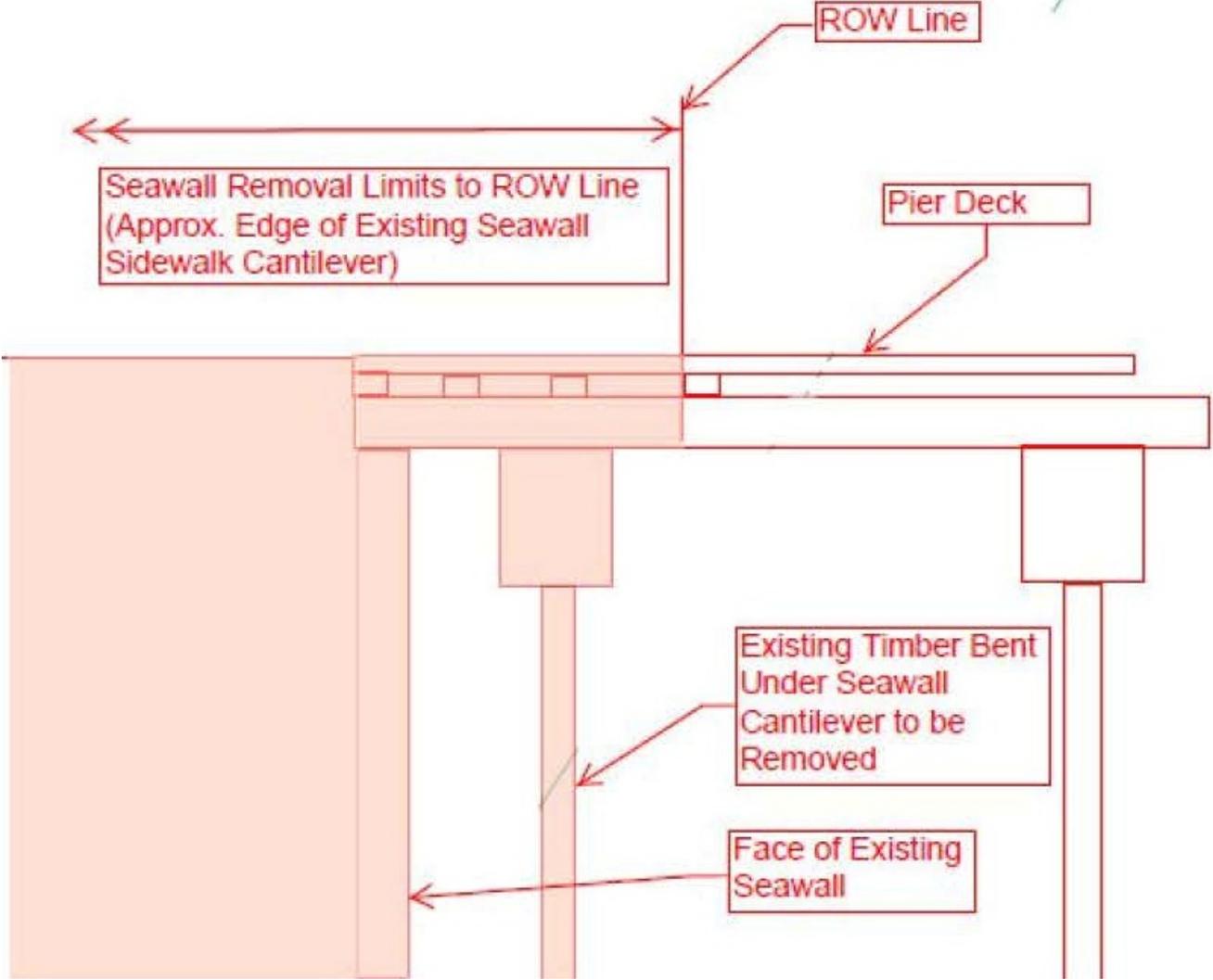
- **Utility relocation**
- **Under pier obstructions**
- **Overhead obstructions**



# READYING FOR SEASON 2: BELOW PIER UTILITIES



# READYING FOR SEASON 2: STRUCTURES/OBSTRUCTIONS



# READYING FOR SEASON 2: STRUCTURES/OBSTRUCTIONS



*Existing seawall, looking south*  
**Removal limits, this side**

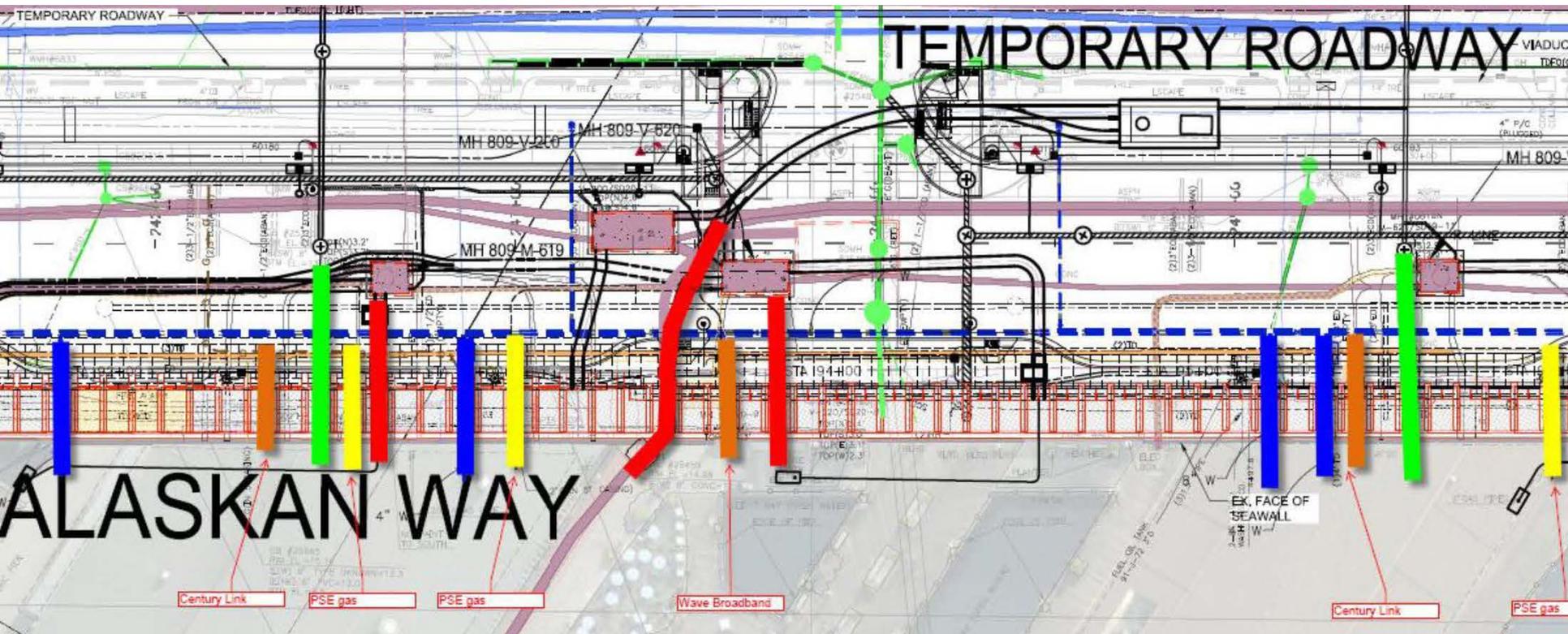
# READYING FOR SEASON 2: OVERHANGS/ENCROACHMENTS



# READYING FOR SEASON 2: DESIGN CONSIDERATIONS



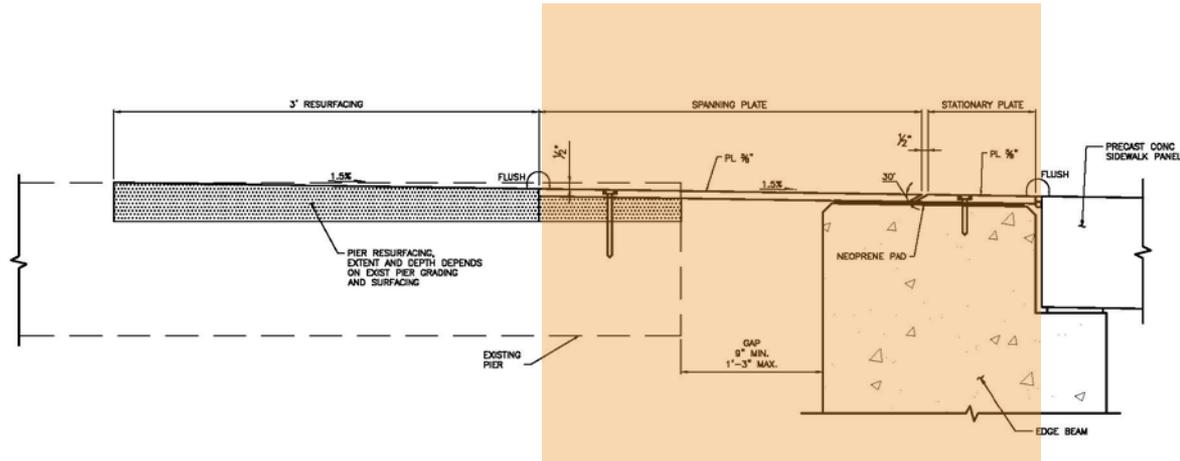
## – Permanent utility locations



# READYING FOR SEASON 2: DESIGN CONSIDERATIONS

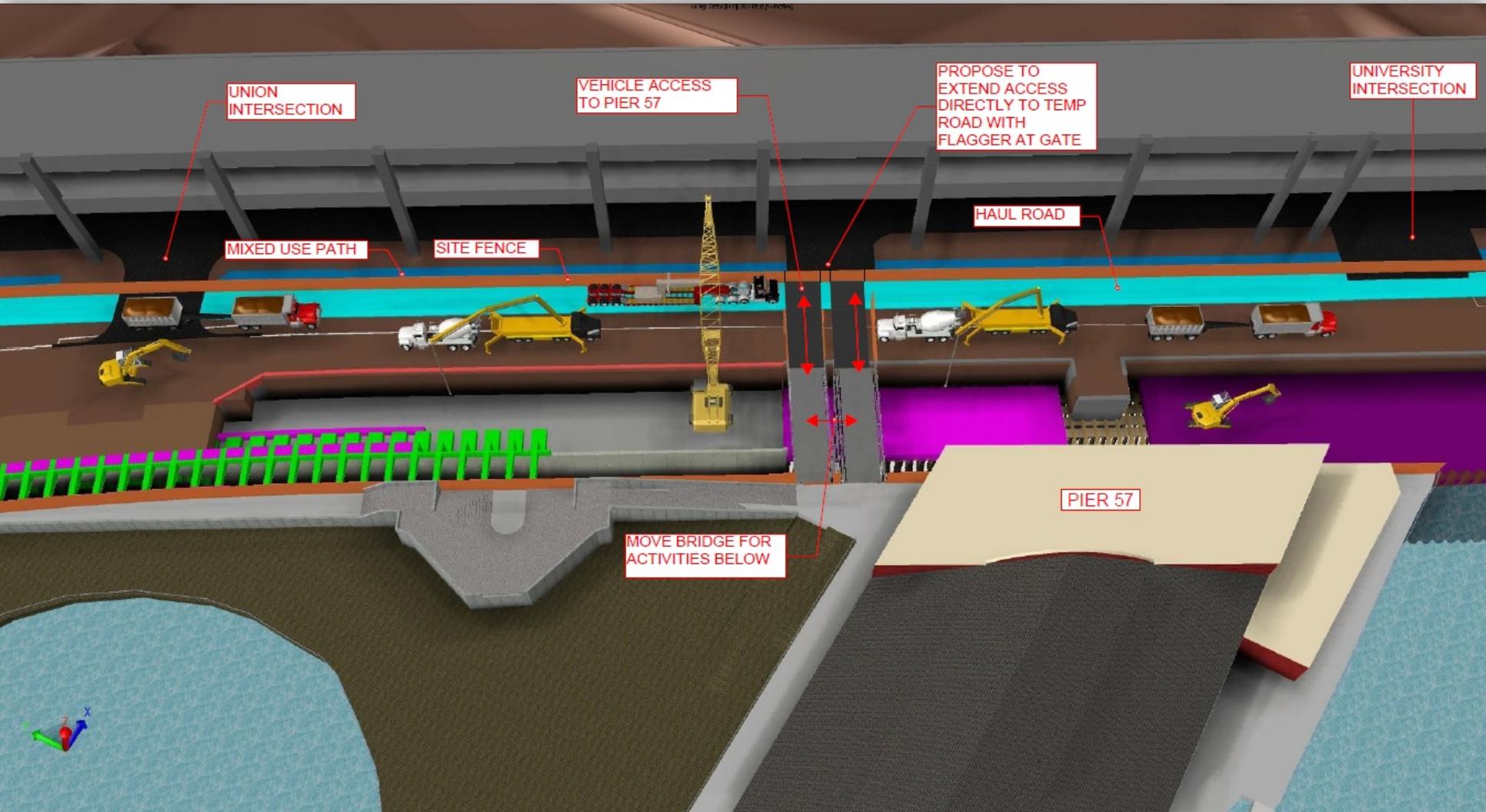


*Existing movement joint plate*



*Movement joint plate design at existing piers*

# READYING FOR SEASON 2: SITE LOGISTICS



UNION INTERSECTION

VEHICLE ACCESS TO PIER 57

PROPOSE TO EXTEND ACCESS DIRECTLY TO TEMP ROAD WITH FLAGGER AT GATE

UNIVERSITY INTERSECTION

MIXED USE PATH

SITE FENCE

HAUL ROAD

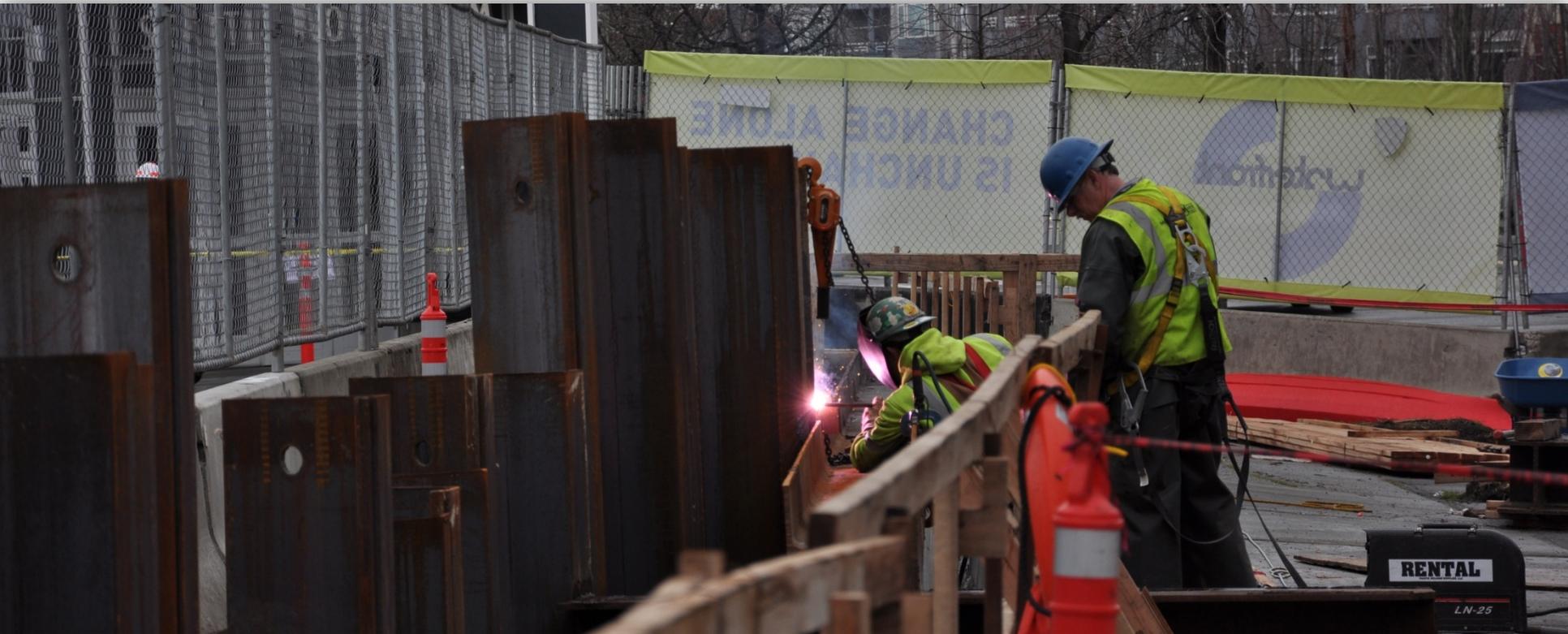
PIER 57

MOVE BRIDGE FOR ACTIVITIES BELOW

# NEXT STEPS



- Future reporting on WMBE/DBE
- Season 2 schedule update
- Preparing for summer





QUESTIONS?

# BACK POCKET

# NOTABLE IN CONSTRUCTION OUTREACH ACTIVITIES



- Street Team fielding inquiries via 24-hour phone and email over past two weeks
- Continued 1:1 meetings to anticipate future work, especially utilities
- Hosted “Field Day” on 3/9 as part of Waterfront Week
- Washington State Ferries rider alerts; recent driveway adjustment
- Ongoing dialogue to improve pedestrian and car wayfinding



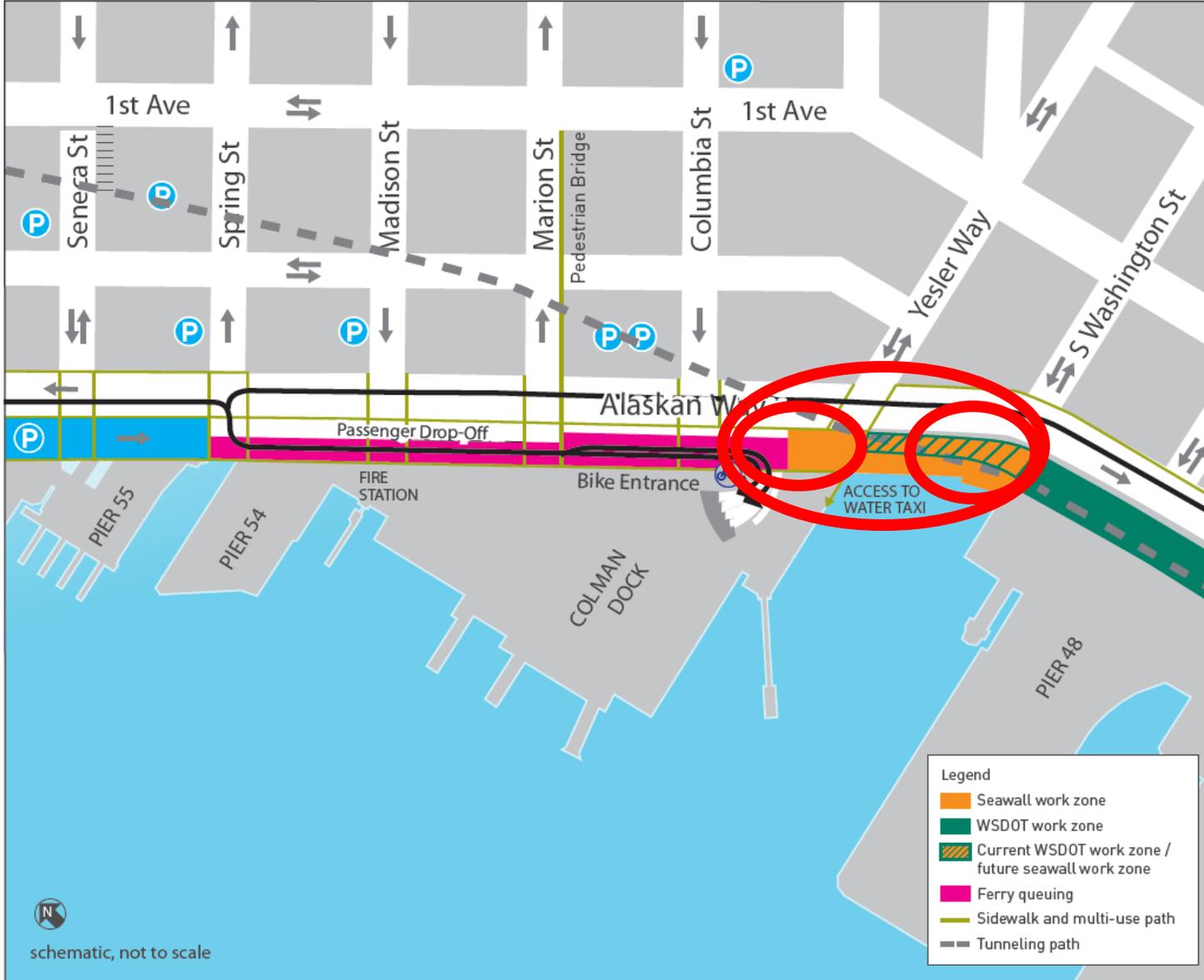
# SEASON 1: JANUARY – SEPTEMBER 2014



# SEASON 2: OCTOBER 2014 – JUNE 2015



# ZONE 1 COORDINATION





# ZONE 1 COORDINATION



# READYING FOR SEASON 2: STRUCTURES/OBSTRUCTIONS

