

# Alaskan Way Viaduct **REPLACEMENT** PROGRAM



**Stakeholder Group Meeting**  
**Sept. 11, 2014**

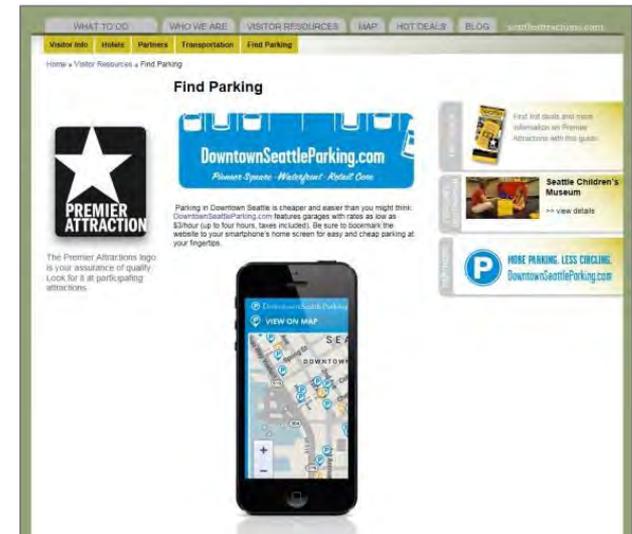
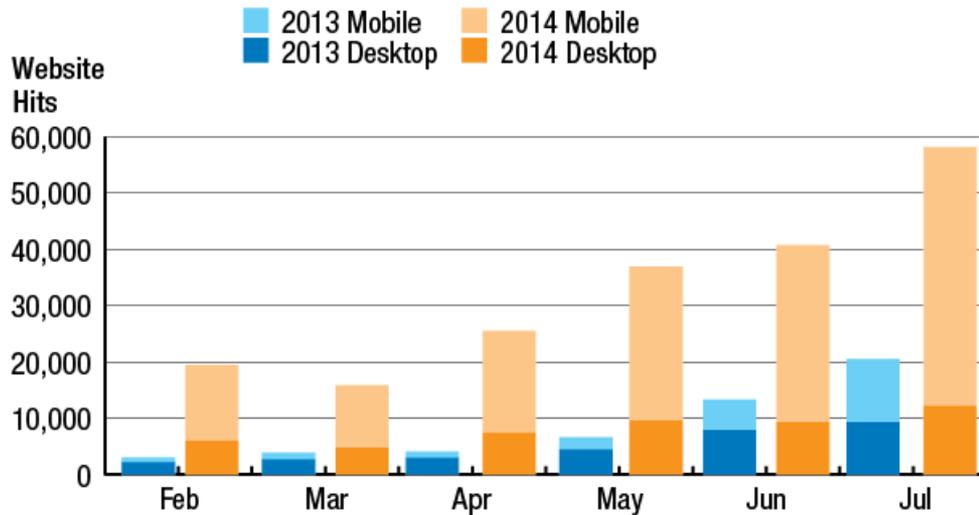
# General Updates

# Parking Mitigation Update

- Summer Marketing Campaign
- Partnerships
- Website
- Garage Utilization



## Website Utilization





## **WATERFRONT PROGRAM UPDATE**

September 11, 2014

ALASKAN WAY VIADUCT STAKEHOLDER GROUP MEETING

# DESIGN UPDATE



- 30% design nearly complete for all elements
  - Overlook Walk recently completed
  - Main and Washington improvements by end of year
- 60% design for Alaskan Way / Elliott Way complete in September 2014. Recent refinements include:
  - Elliott Way alignment into Belltown
  - Cycle track, tree plantings, parking and access
  - Addition of a children's playground

# OUTREACH UPDATE



- Close coordination with property owners and businesses adjacent to project area
- Community outreach this fall in Pioneer Square and the International District (Oct/Nov)
- Broad outreach continues at summer fairs and events, reached 1,100+ people this summer



# ENVIRONMENTAL REVIEW UPDATE

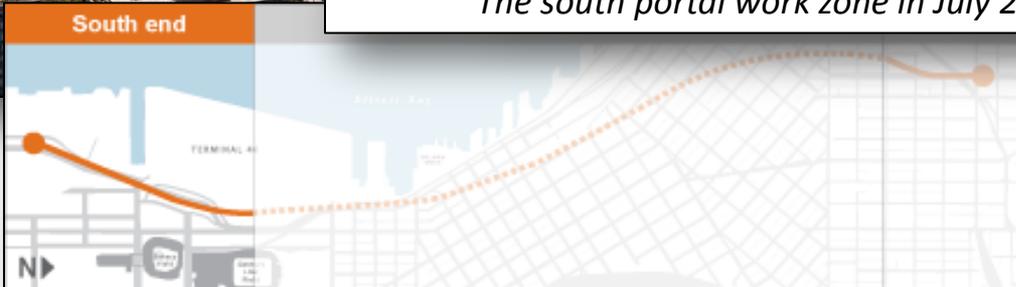


- Alaskan Way, Promenade, and Overlook Walk DEIS in early 2015; FEIS in summer/fall 2015
- Union Street SEPA Checklist and Shoreline Substantial Development permit filed in May 2014; decision expected September/October
- Piers Environmental review work not yet started

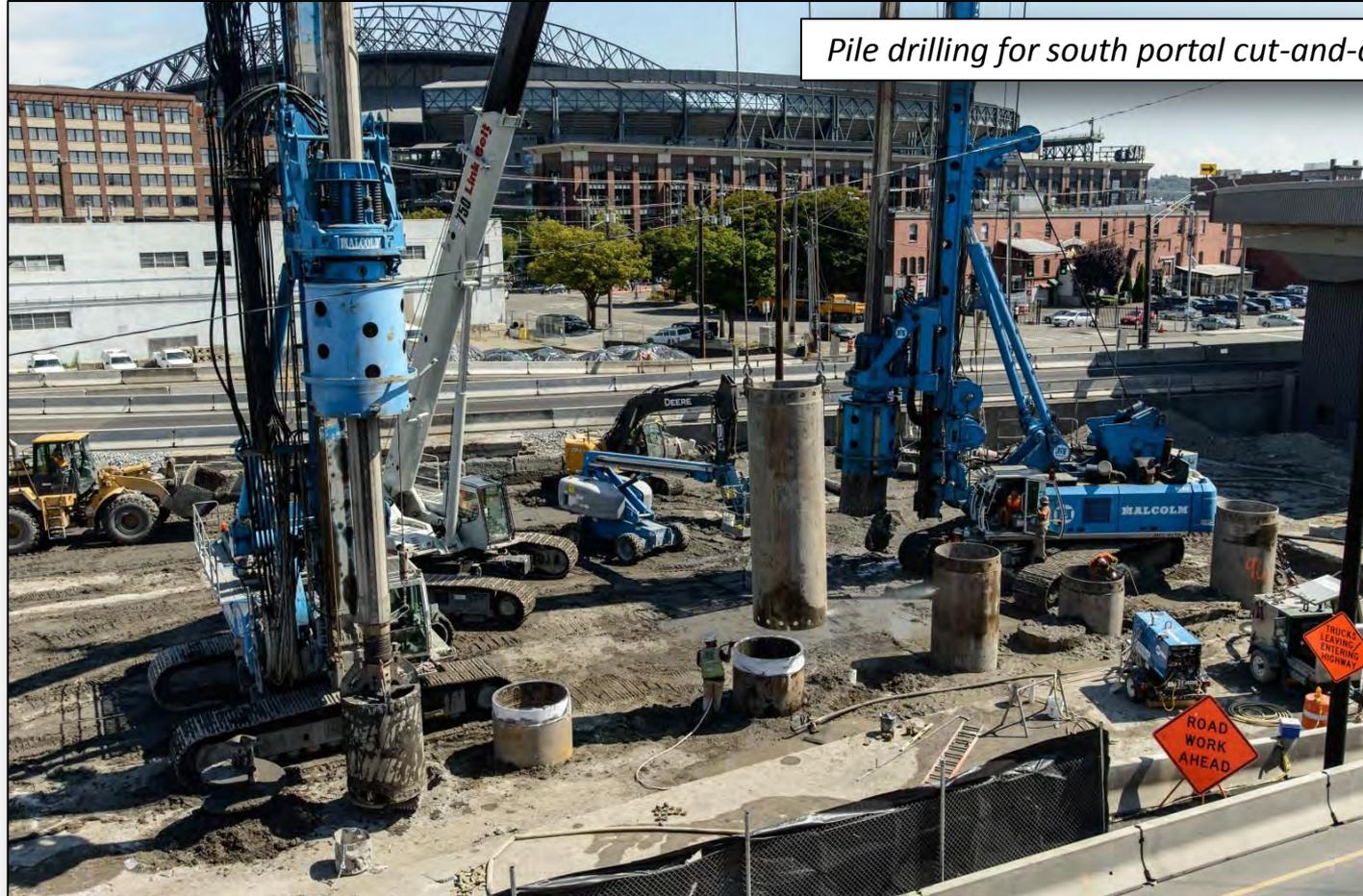
# Alaskan Way Viaduct Replacement Program Update



*The south portal work zone in July 2014*



Building the **SOUTH**  
**PORTAL**



*Pile drilling for south portal cut-and-cover roadway walls*

Building the **SOUTH**  
**PORTAL**

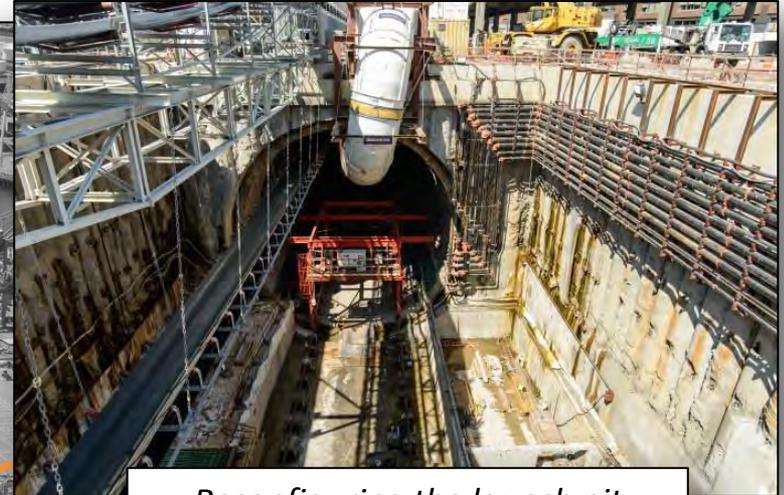
Alaskan Way Viaduct  
**REPLACEMENT**  
PROGRAM



*Connection between the tunnel and the new south end of SR 99*



Building the **SOUTH**  
**PORTAL**



*Reconfiguring the launch pit*



Building the **SOUTH**  
**PORTAL**

Alaskan Way Viaduct  
**REPLACEMENT**  
PROGRAM

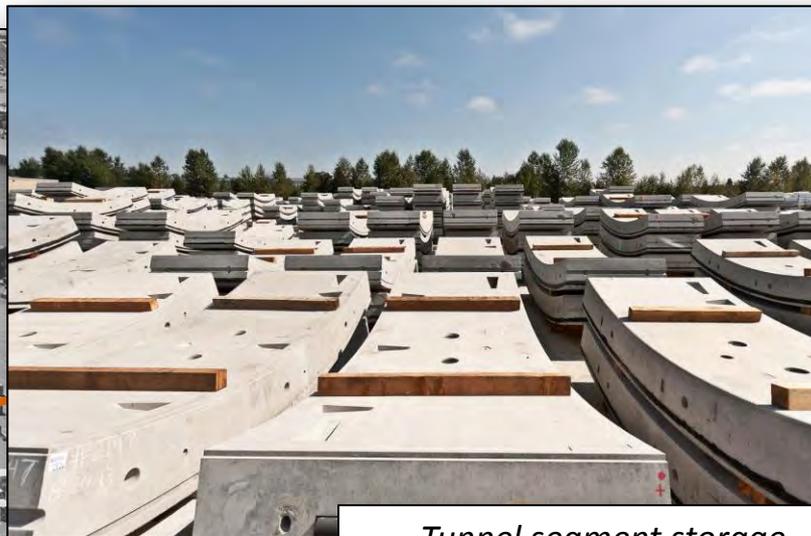


*Building the interior of the tunnel*



Building the **SOUTH**  
**PORTAL**

Alaskan Way Viaduct  
**REPLACEMENT**  
PROGRAM



*Tunnel segment storage*



Building the **SOUTH**  
**PORTAL**



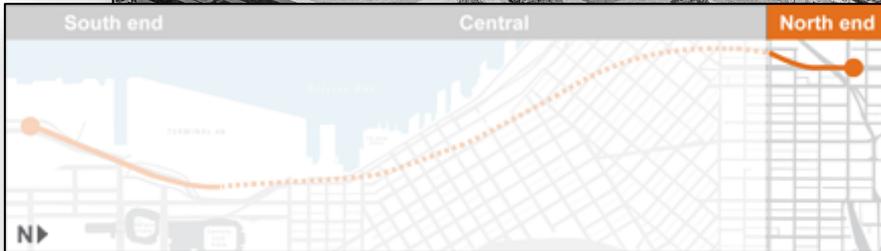
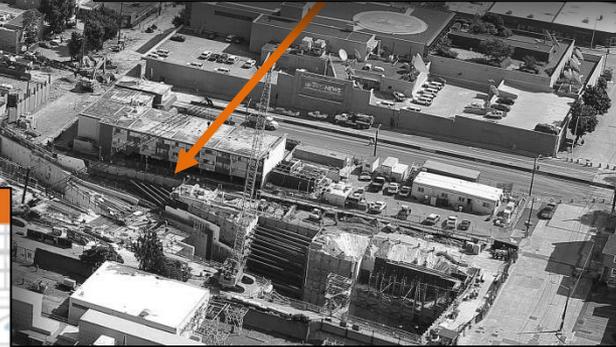
*The north portal work zone in August 2014*



Building the **NORTH**  
**PORTAL**



*The north portal receiving pit*



*Building the* **NORTH**  
**PORTAL**



*Building connections at the north portal*

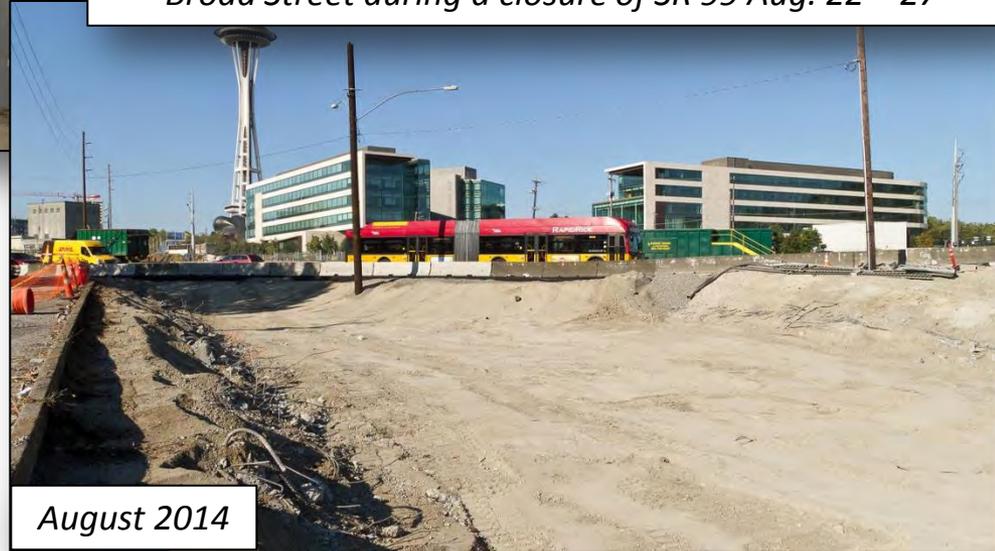


*Building the* **NORTH**  
**PORTAL**



June 2014

*Crews demolished and replaced the SR 99 bridge over Broad Street during a closure of SR 99 Aug. 22 – 27*

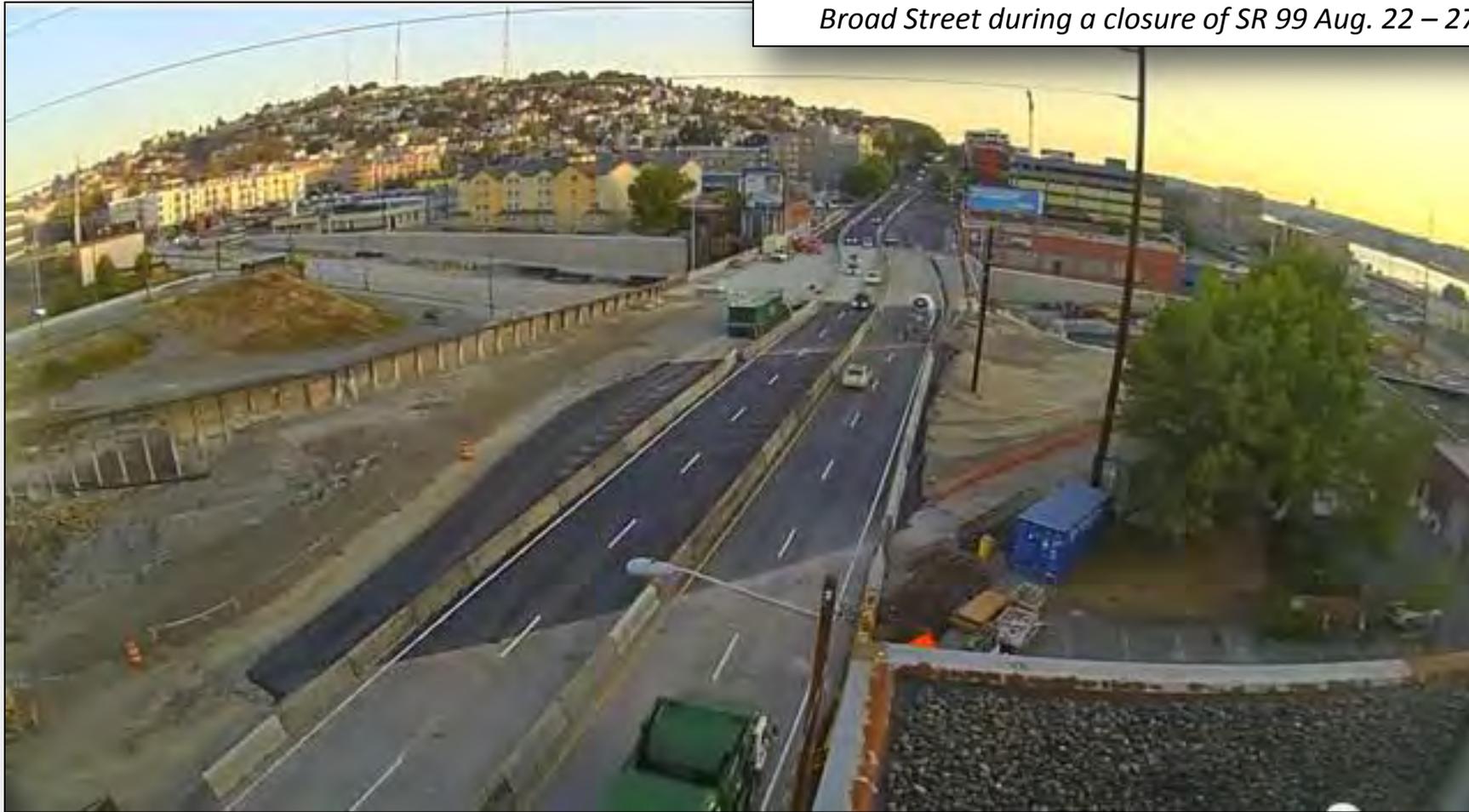


August 2014

*SR 99 closure Aug. 22 – 27*

**CONSTRUCTION RECAP**

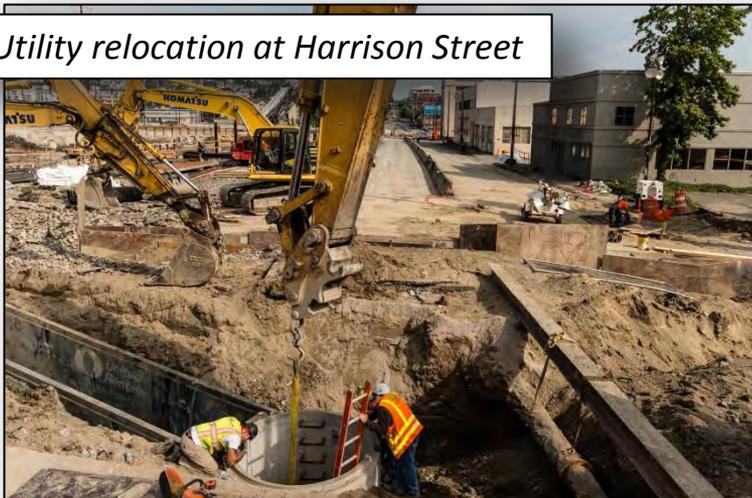
*Crews demolished and replaced the SR 99 bridge over Broad Street during a closure of SR 99 Aug. 22 – 27*



*SR 99 closure Aug. 22 – 27*

**CONSTRUCTION RECAP**

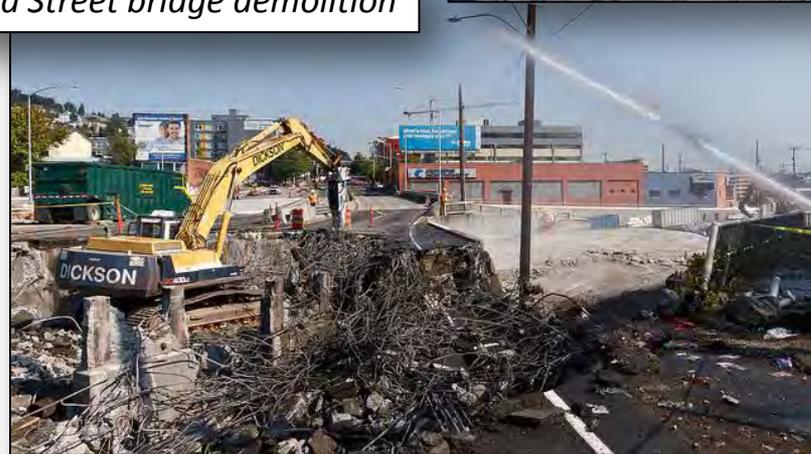
*Utility relocation at Harrison Street*



*Expansion joint repair at Seneca Street*



*Broad Street bridge demolition*



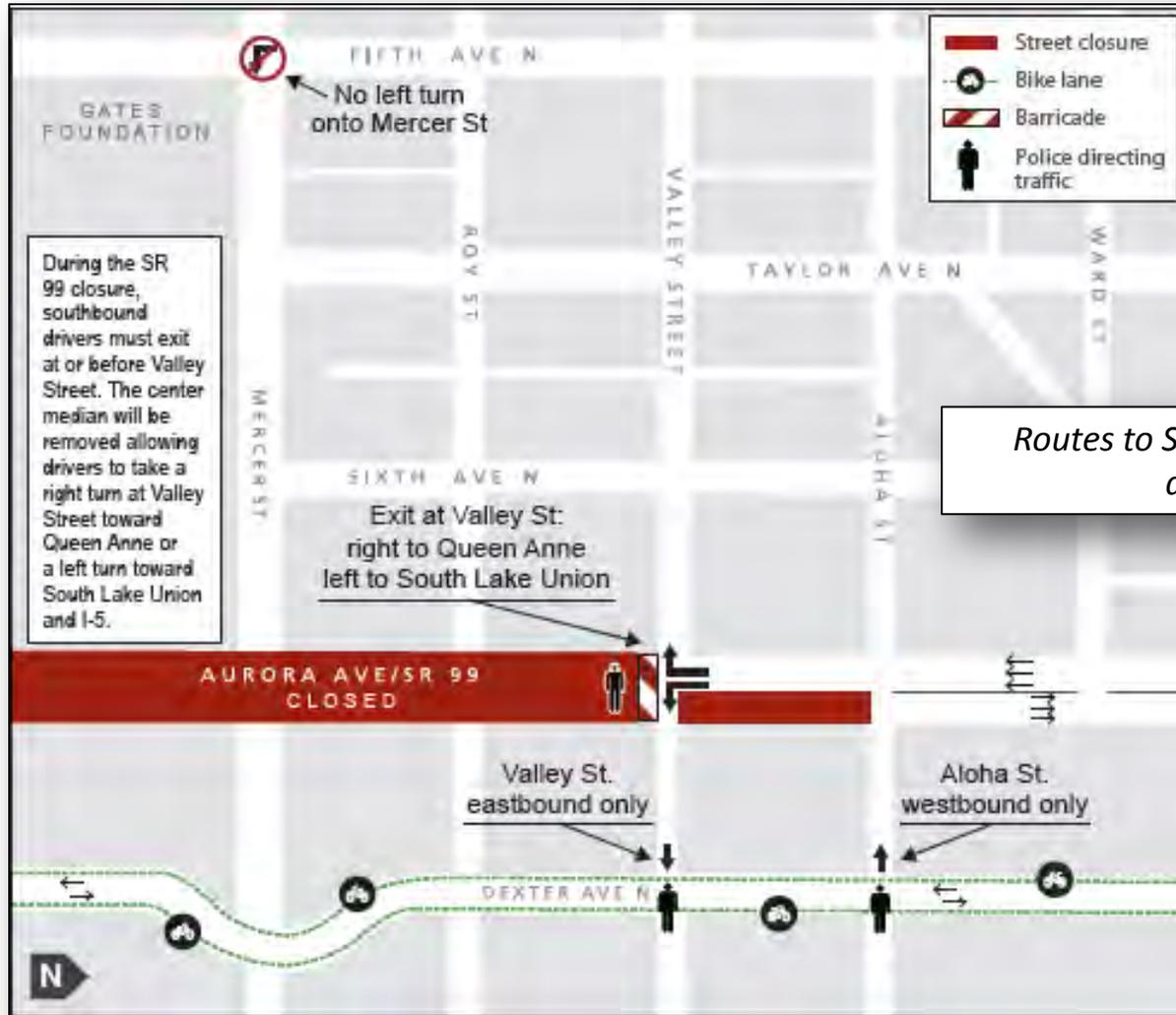
*Concrete panel replacement in SODO*



**SR 99 closure Aug. 22 – 27**

**CONSTRUCTION RECAP**

# Alaskan Way Viaduct REPLACEMENT PROGRAM



*Routes to South Lake Union and Queen Anne during the SR 99 closure*

**SR 99 closure Aug. 22 – 27**

**TRAFFIC RECAP**

*Access Pit Site Today, Below Ground*

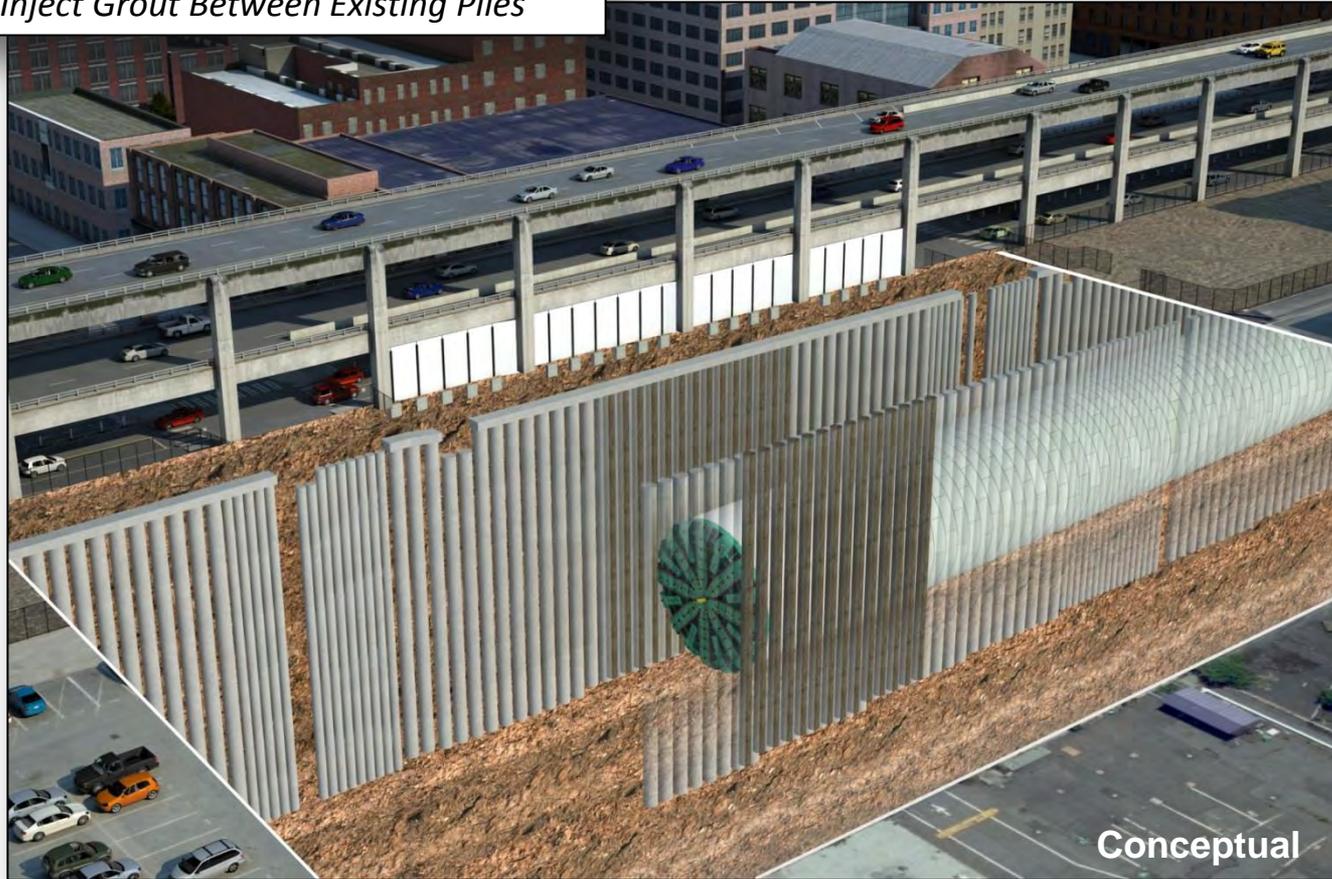


Conceptual

*Repairing*

**BERTHA**

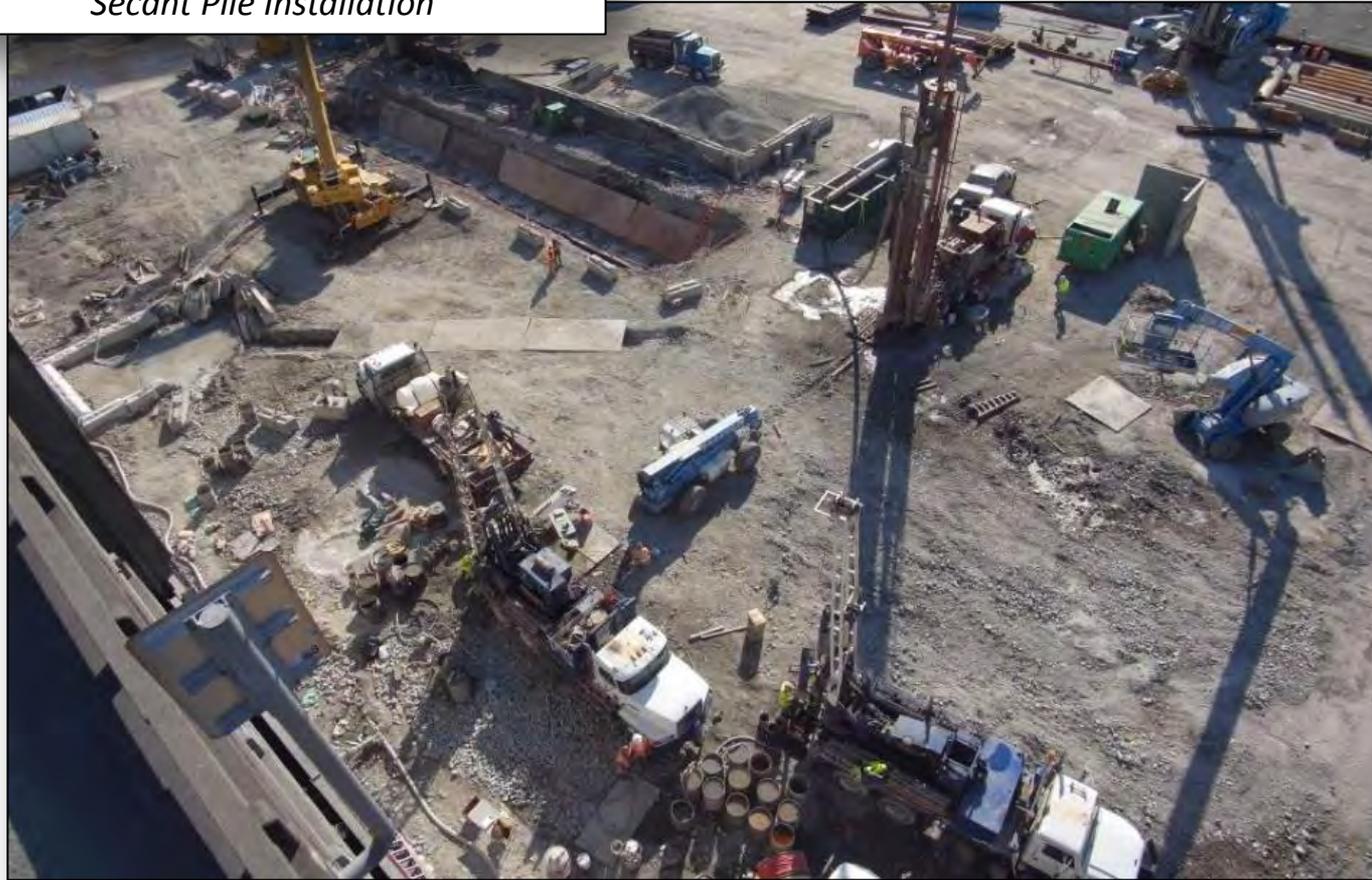
*Inject Grout Between Existing Piles*



*Repairing*

**BERTHA**

*Secant Pile Installation*



*Repairing*

**BERTHA**

*Lower Groundwater, Tunnel Into Wall*



*Repairing*

**BERTHA**

*Excavate, then Tunnel into the Access Pit*



*Repairing*

**BERTHA**

*Crews use a crane to unload a piece of the modular lift tower*



*Pieces of the modular lift tower are being staged in the work zone until assembly later this fall*

*Repairing*

**BERTHA**

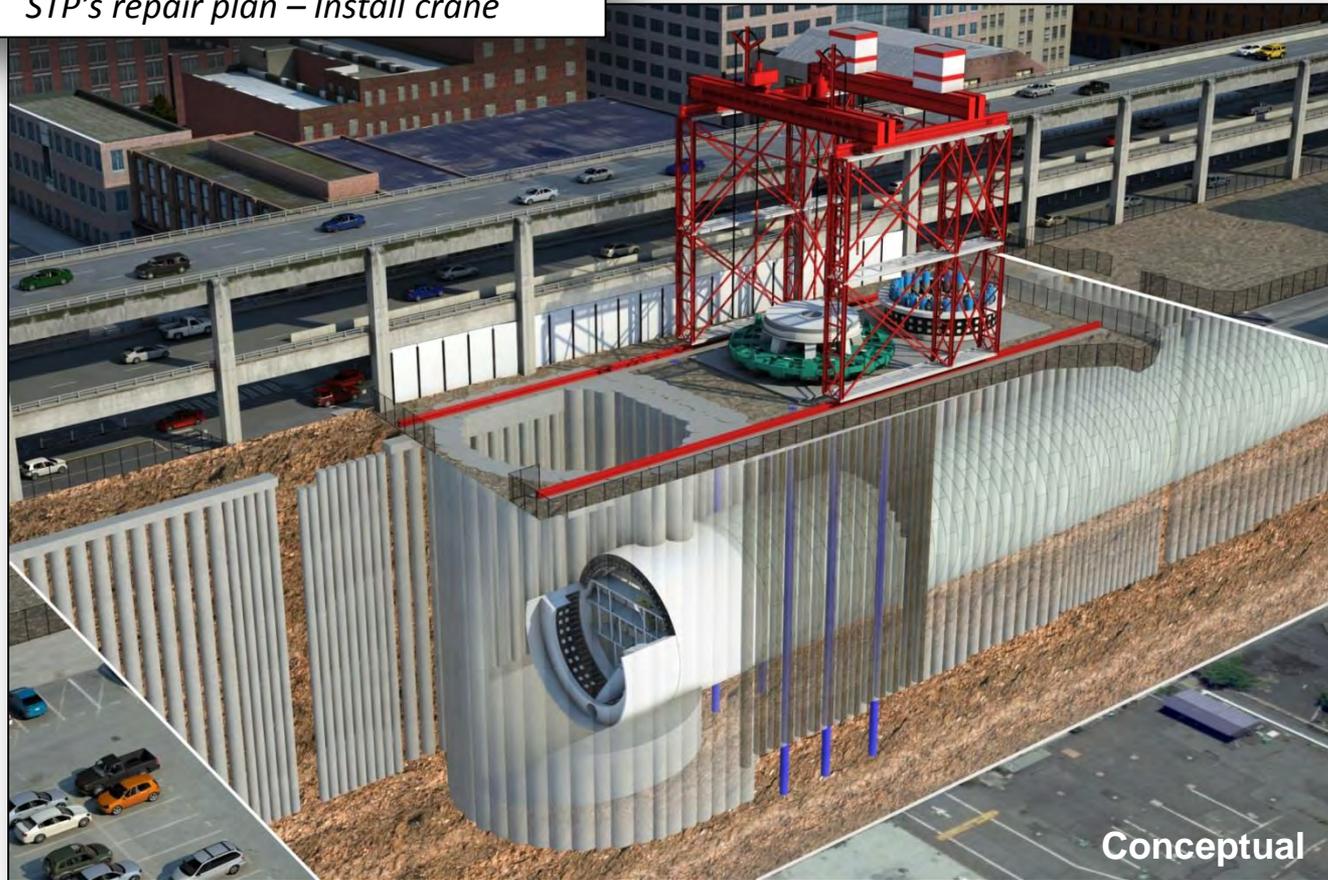
*Install a Crane Above the Access Pit*



*Repairing*

**BERTHA**

*STP's repair plan – Install crane*

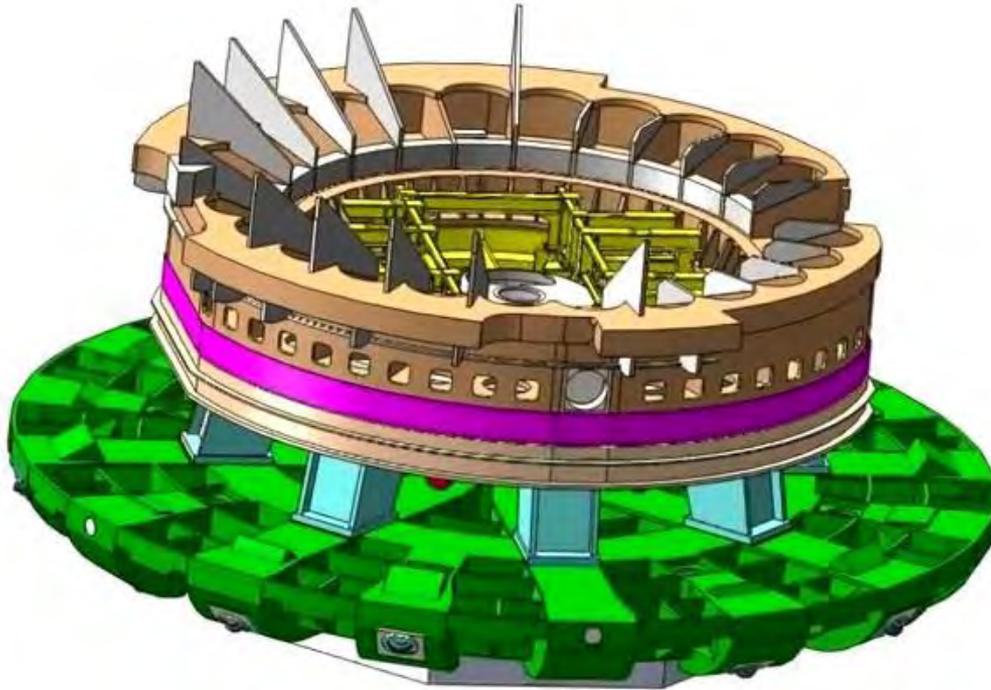


Conceptual

*Repairing*

**BERTHA**

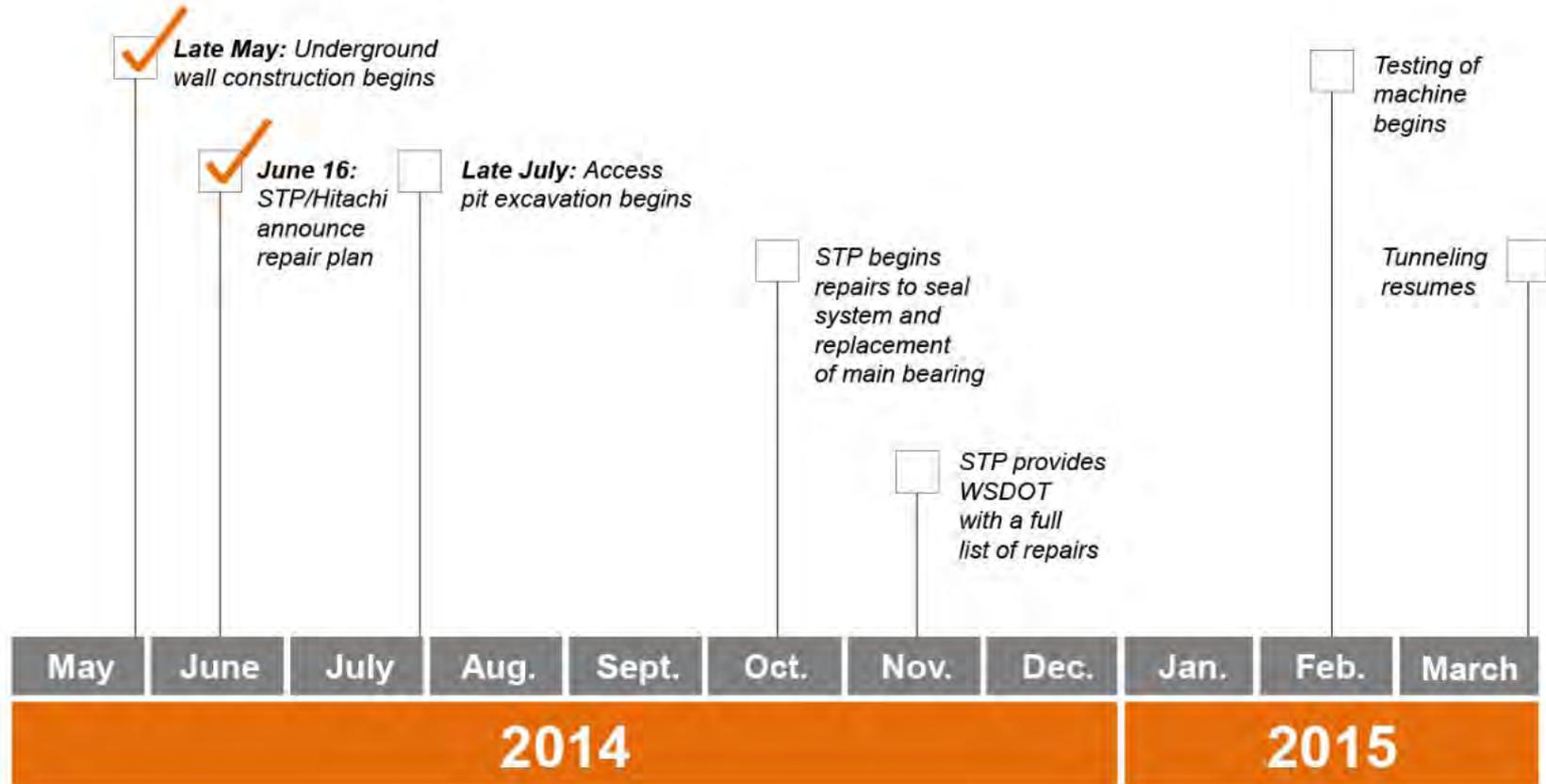
*Building a better Bertha*



*Repairing*

**BERTHA**

# STP's schedule



Repairing

# BERTHA



# ELLIOTT BAY SEAWALL PROJECT

Alaskan Way Viaduct  
Stakeholder Group

September 11, 2014

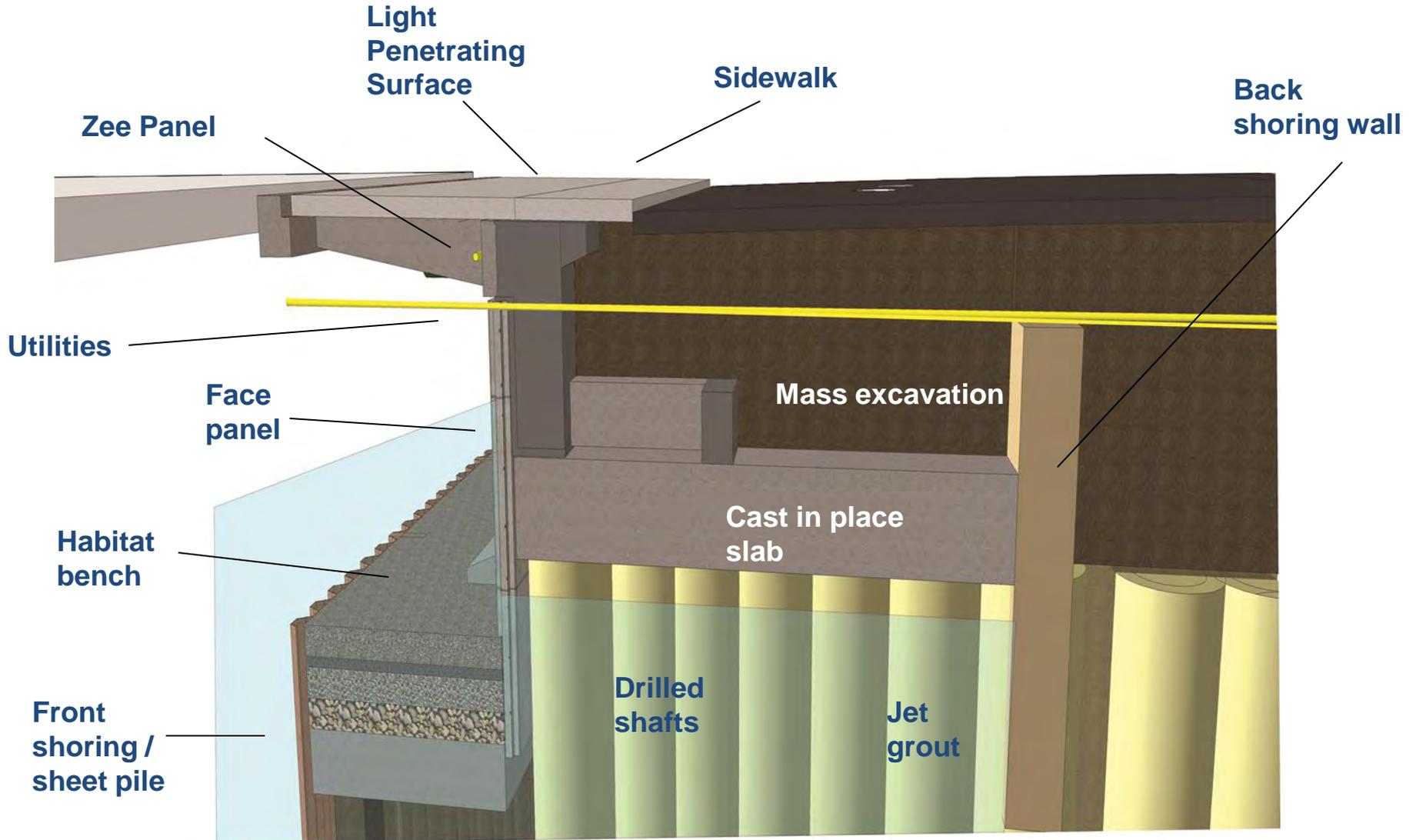
# TODAY'S PRESENTATION



2. Season 1 update  
(current activities)
3. Final prep for Season 2  
(starting October 1,  
2014)



# ELEMENTS OF A NEW SEAWALL

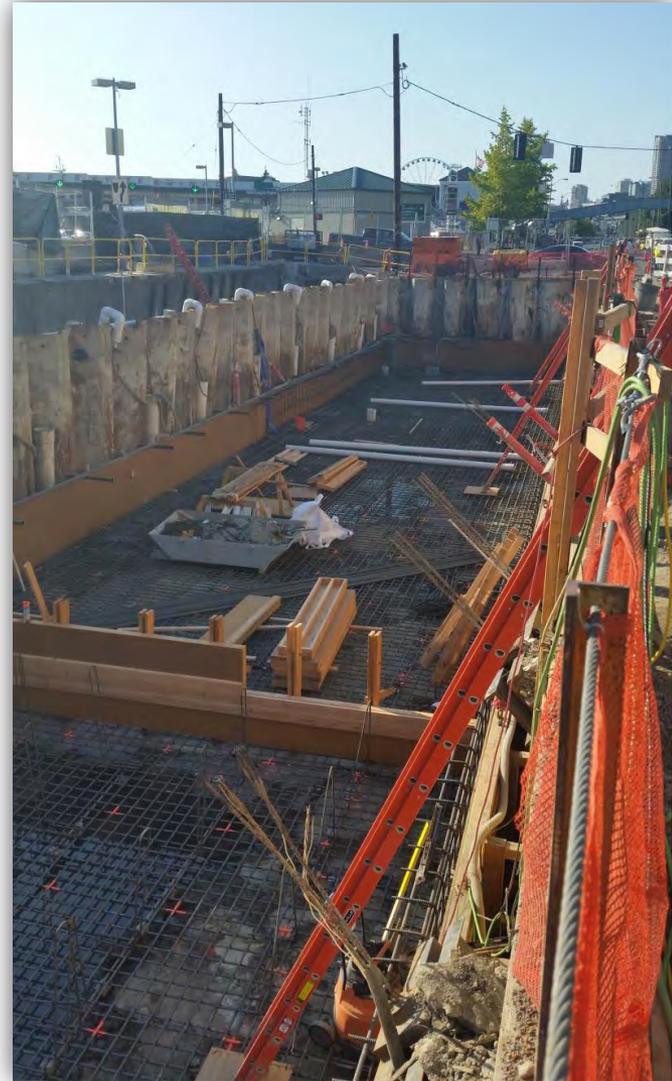


# SEASON 1 UPDATE

# CONSTRUCTION PROGRESSION



- **Activities complete or underway**
  - **Pile installation**
  - **Shoring wall installation**
  - **Jet grout**
  - **Mass excavation**
  - **Structure work**
- **Continuing utility work**



# JET GROUT



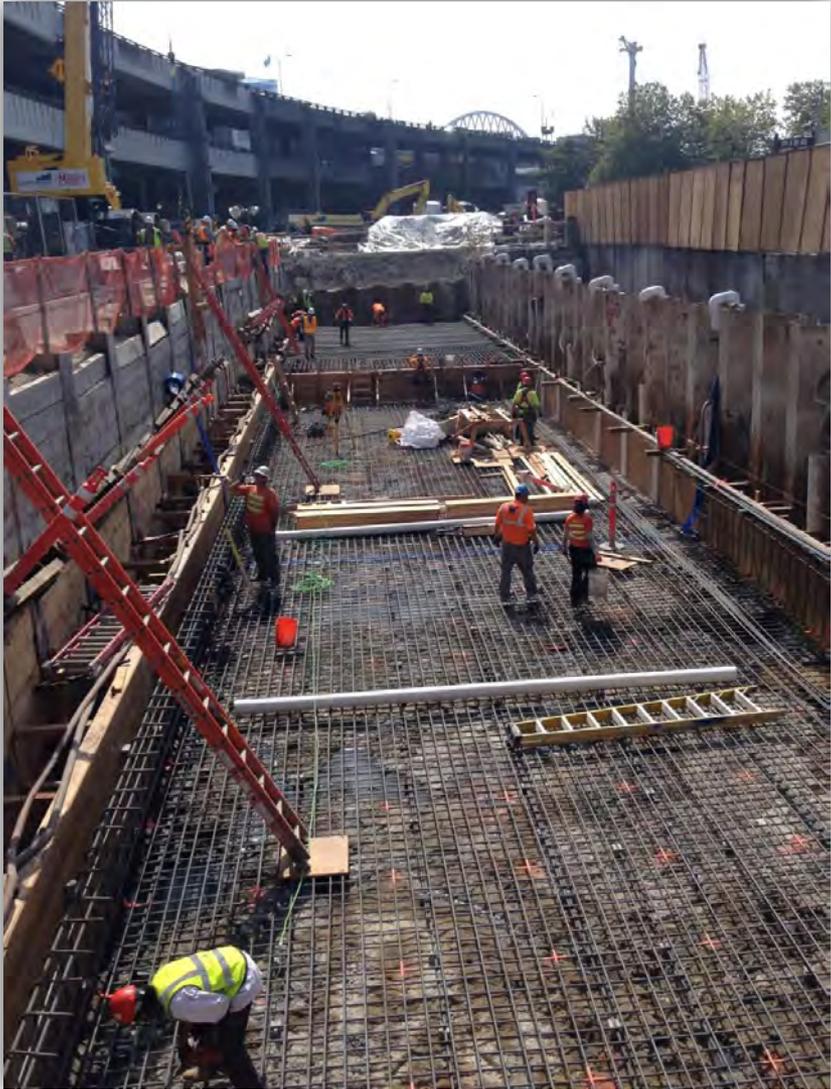
# PRE-CAST ELEMENTS: ZEE PANELS



# PRE-CAST ELEMENTS: FACE PANELS



# CAST-IN-PLACE SLAB



# CAST-IN-PLACE SLAB



# UTILITY WORK



# WATER TREATMENT



*Water treatment facility south of Colman Dock*

# PREP FOR SEASON 2

# STARTING OCTOBER 1: PIKE TO MADISON STREETS



# SEASON 2: THE WATERFRONT IS OPEN!





## QUESTIONS?

**Email:** [seawall@waterfrontseattle.org](mailto:seawall@waterfrontseattle.org)

**Website:** [waterfrontseattle.org/seawall](http://waterfrontseattle.org/seawall)

**24-hour hotline:** 206-618-8584

# Mercer Corridor Project: West Phase

Project update



AWV Stakeholder Group Meeting

Eric Tweit

September 11, 2014

# SDOT's mission & vision

Mission: delivering a first-rate transportation system for Seattle.



Vision: a vibrant Seattle with connected people, places, and products.

# SDOT's values



# Presentation overview

- Project description
- Existing conditions
- Recent work
- Upcoming work
- Pedestrian routes



# Project description

- Connects I-5 & South Lake Union to Seattle Center, Queen Anne & Interbay
- Connects NW Seattle neighborhoods to the SR 99 Tunnel
- Improves pedestrian and bicycle connections

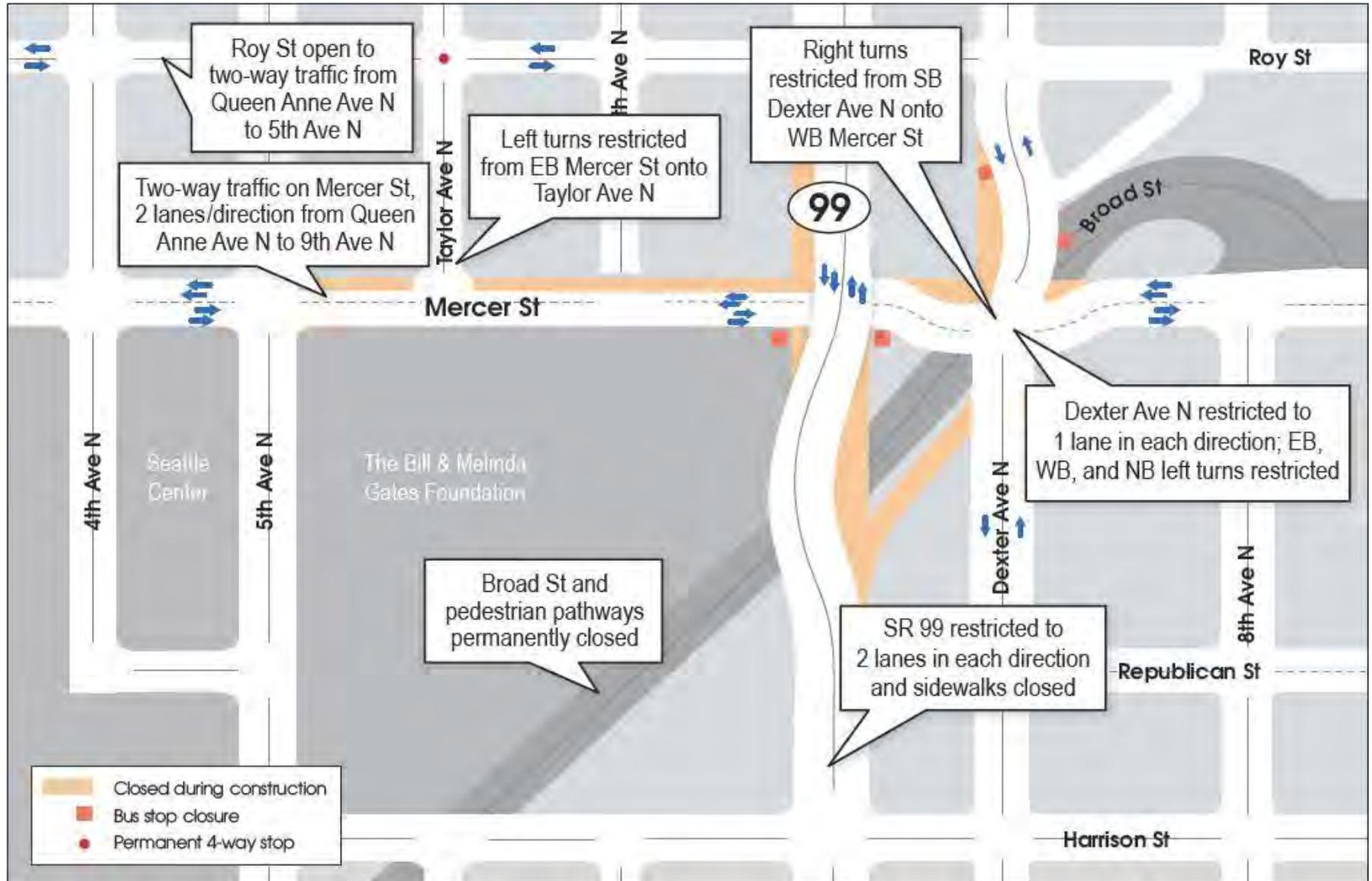


# A better roadway for everyone

- Wider sidewalks
- Bicycle path
- Two-way traffic on Mercer and Roy streets
- Replace SR 99 Bridge



# Existing conditions (Vehicle)



# Recent work

- Mercer & Dexter shoefly construction
- Broad St. bridge demolition and fill for 84" sewer and other utilities
- Duct banks on Mercer across Dexter Ave. N
- Water main between 5th Ave. N and Dexter Ave. N

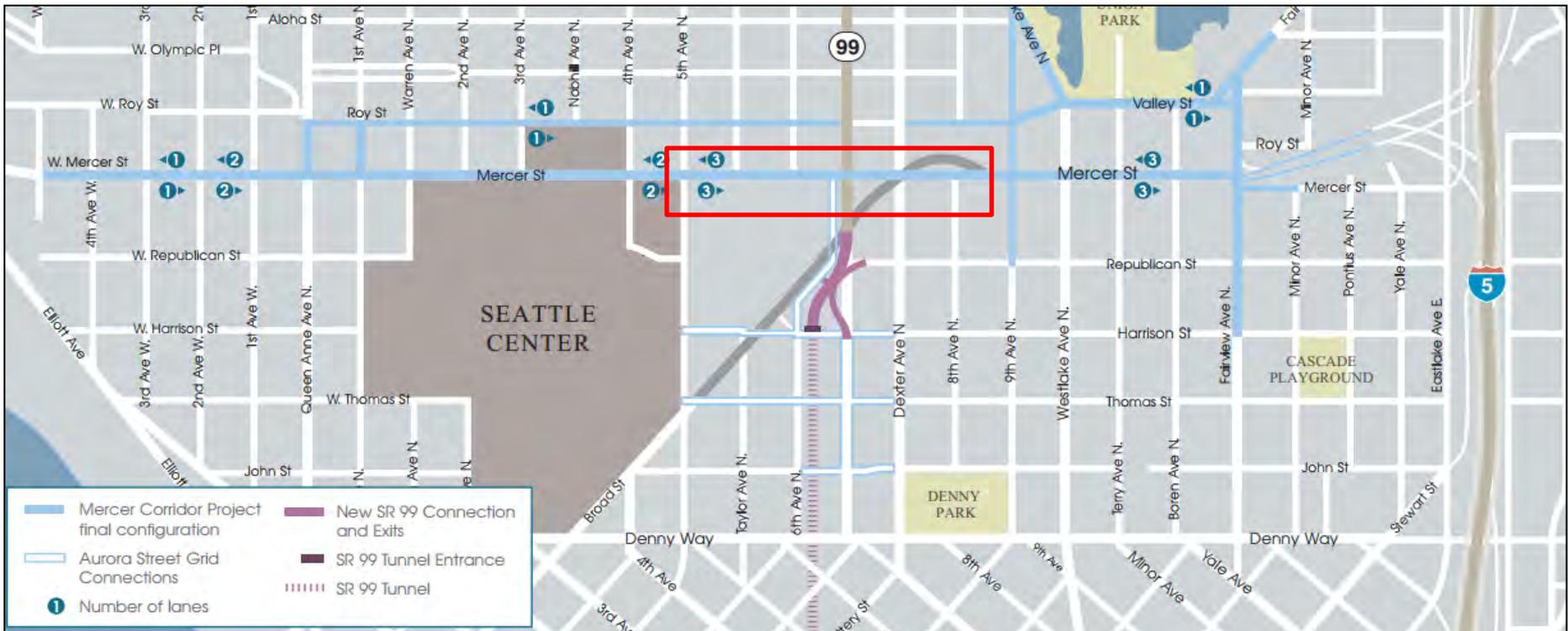


# Recent work



# Upcoming construction & milestones

- Sept. 13-14: paving on north side of Mercer St. (Taylor Ave. N to 5th Ave. N)
- Late Sept.: sidewalk, southeast corner of 5th Ave. N and Mercer St.
- Fall 2014: add additional eastbound lane on Mercer St. east of 5th Ave. N
- Fall 2014: final configuration of Fifth Ave. N and Mercer St.



# Pedestrian routes (as of late Sept.)



# Questions?

mercerinfo@seattle.gov | (206) 419-5818

<http://www.seattle.gov/Transportation/mercercorridor.htm>



## Project and Construction Information

**Email:** [mercerinfo@seattle.gov](mailto:mercerinfo@seattle.gov)

**Phone:** (206) 419-5818

**Project Office:** 701 Dexter Ave. N, Suite 108, Seattle, WA 98109

**Website:** [www.seattle.gov/Transportation/mercercorridor.htm](http://www.seattle.gov/Transportation/mercercorridor.htm)



# Thanks for joining us tonight!

<http://www.seattle.gov/transportation>



# Stakeholder Group Feedback

# How to **REACH US**



*Our information center,  
Milepost 31, is located  
at 211 First Ave. S. in  
Seattle's Pioneer  
Square neighborhood.*

**Website:**  
[www.AlaskanWayViaduct.org](http://www.AlaskanWayViaduct.org)

**Twitter:**  
[@BerthaDigsSR99](https://twitter.com/BerthaDigsSR99)

**Email:**  
[viaduct@wsdot.wa.gov](mailto:viaduct@wsdot.wa.gov)

**Hotline:**  
1-888-AWV-LINE