

Alaskan Way Viaduct **REPLACEMENT** PROGRAM



Mercer Corridor Stakeholder Committee

Joe Hedges, *AWV Program Administrator*

**Brian Nielsen, *Deputy Program Administrator,*
*SR 99 Tunnel Director***

Dec. 6, 2016



Today's **FOCUS**



- Program progress
- Focus on the north end
- Future meetings

COMPLETED *work*

Map of state-led/funded improvements



South-end replacement	Start	End
Electrical line relocation ✓	2008	2009
Holgate to King (stage 1) ✓	2009	2009
Holgate to King (stage 2) ✓	2010	2012
Holgate to King (Stage 3) ✓	2012	2014

SR 99 tunnel	Start	End
SR 99 tunnel main contract ² ✓	2011	2019
North Access Project ✓	2014	2017
North Surface Street Connections ✓	2019	2021
South Access Project (main contract) ✓	2017	2020
South Access (S. Dearborn Street off-ramp) ✓	2016	2017
South Access (drilled shafts) ✓	2014	2014

Miscellaneous projects	Start	End
Trager Building demolition ✓	2007	2007
Viaduct column stabilization near Yesler Way ✓	2007	2008
WOSCA Building demolition ✓	2009	2009
Pier 48 warehouse demolition ✓	2010	2010
Automated viaduct closure gates ✓	2010	2011
Western Building structural work ✓	2011	2017
SR 99 south-end fiber replacement ✓	2011	2011
Alaskan Way widening ✓	2012	2012
Cedarstrand Building demolition ✓	2012	2012
Waterfront viaduct removal ✓	2019	2019
Battery Street Tunnel decommissioning ✓	2019	2019
New Alaskan Way ¹ ✓	2019	2023

Mitigation projects	Start	End
SR 519 Phase 2 ✓	2008	2010
Spokane Street Viaduct Fourth Ave. off-ramp ³ ✓	2008	2010
I-5 active traffic management ✓	2009	2010
I-5 active traffic management sign bridges ✓	2009	2009
I-5 travel time signs ✓	2009	2009
City street intelligent transportation systems ✓	2009	2010
SR 99 intelligent transportation systems ✓	2010	2011
Enhanced transit/demand management ⁴ ✓	2010	2014
Parking mitigation for central waterfront ✓	2011	2019

¹ Per City of Seattle's Waterfront Seattle schedule

² Per Seattle Tunnel Partners' most recent schedule

³ Partially funded by the state

⁴ Per 2014 legislation, additional mitigation funding is being provided by WSDOT from funds outside the AWV Program

✓ = completed project = in progress

Alaskan Way Viaduct
REPLACEMENT
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UPDATED MON AND THURS

As of Dec. 5, 2016, Bertha
 has traveled

6,197
 of 9,270 feet

Total rings built:
945
 of 1,426

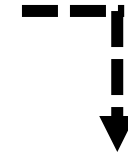
December progress to date:
101 feet

November progress:
1,011 feet

Following

BERTHA

TUNNEL PORTALS



*Where drivers decide
whether to enter the
tunnel...*



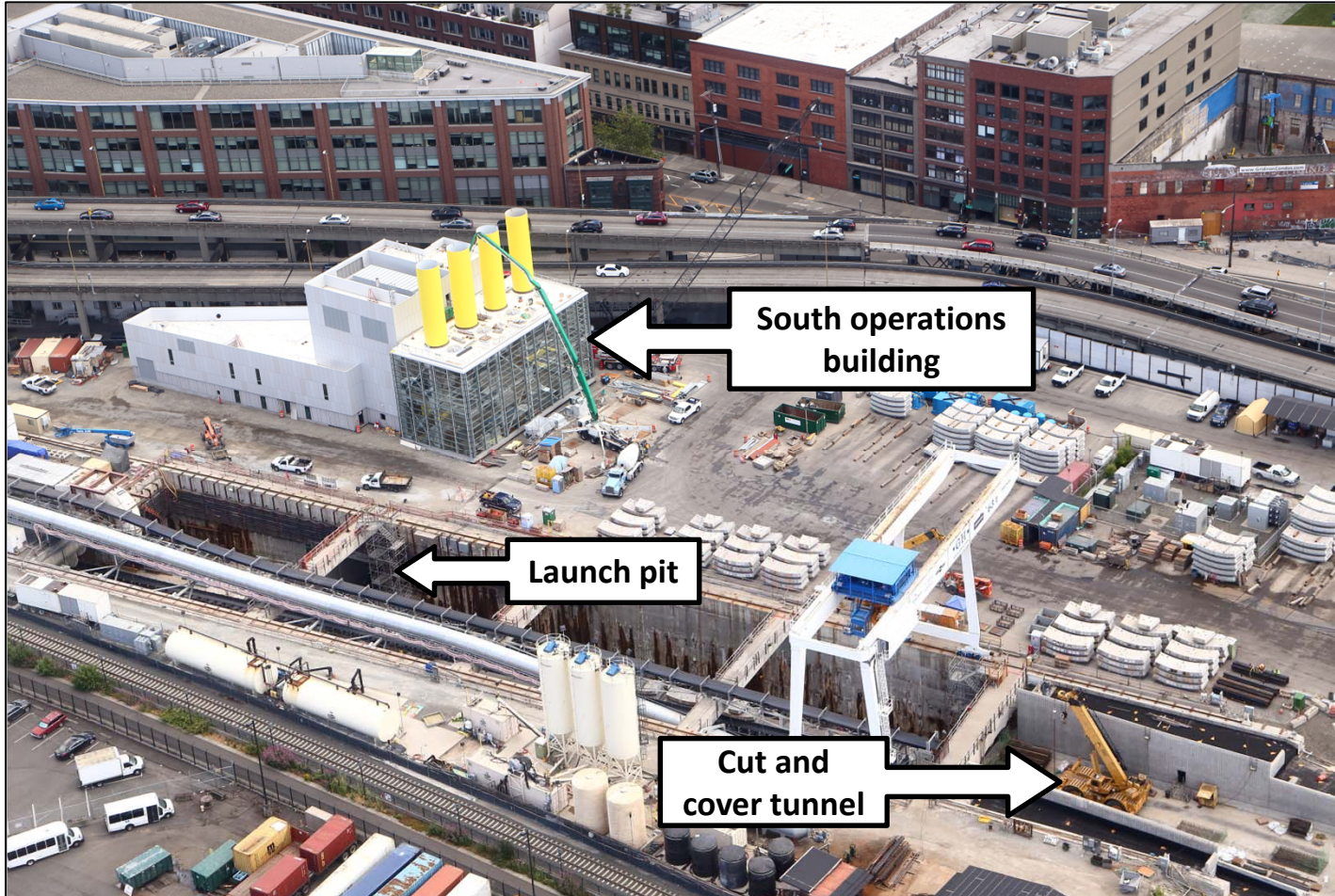
South portal



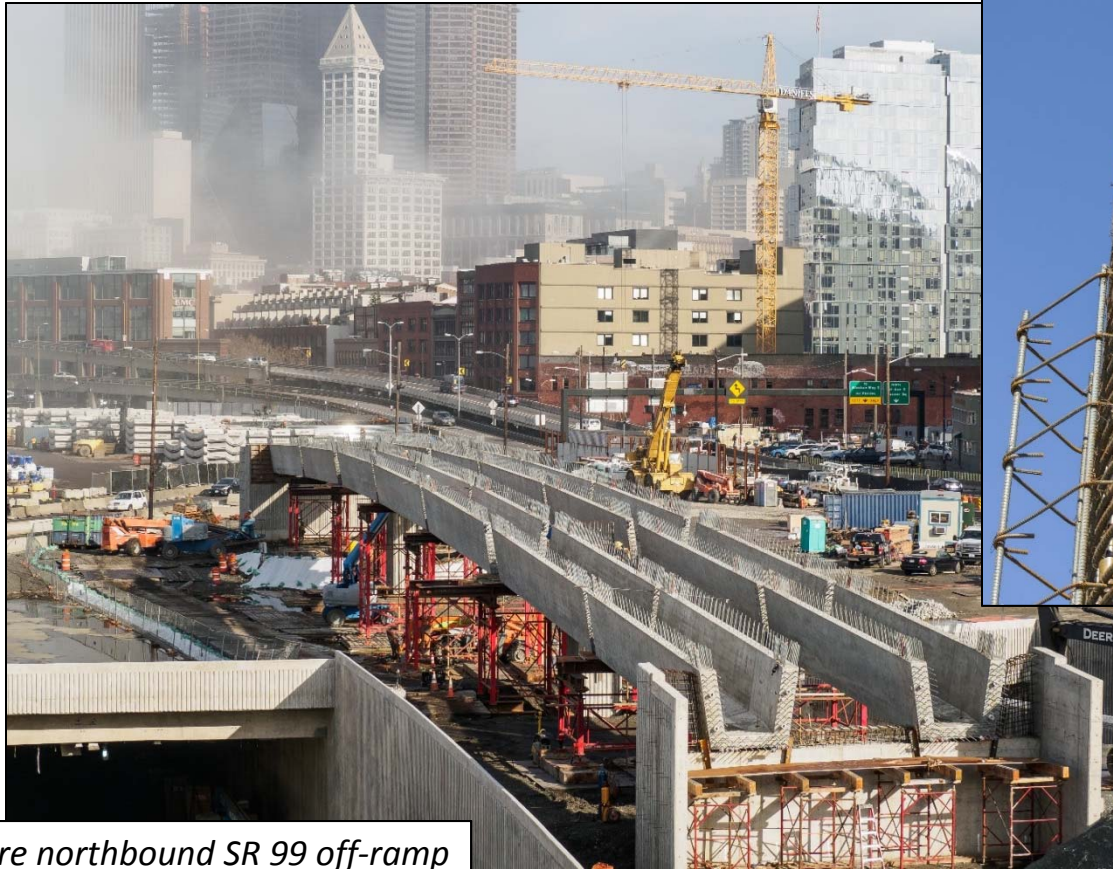
North portal

*...or enter
downtown*

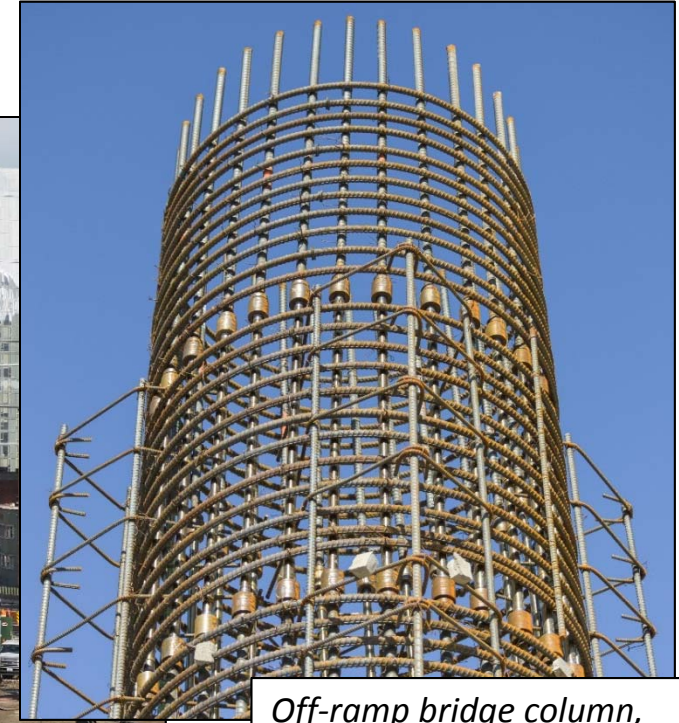




Building the **SOUTH**
PORTAL



*Future northbound SR 99 off-ramp
bridge, Nov. 10, 2016*



*Off-ramp bridge column,
September 2016*

Building the SOUTH
PORTAL

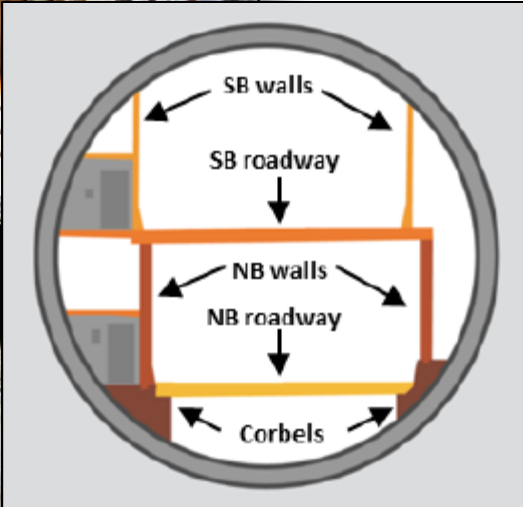


*Completed portion of the
south cut-and-cover
tunnel, Aug. 25, 2016*

Building the SOUTH
PORTAL

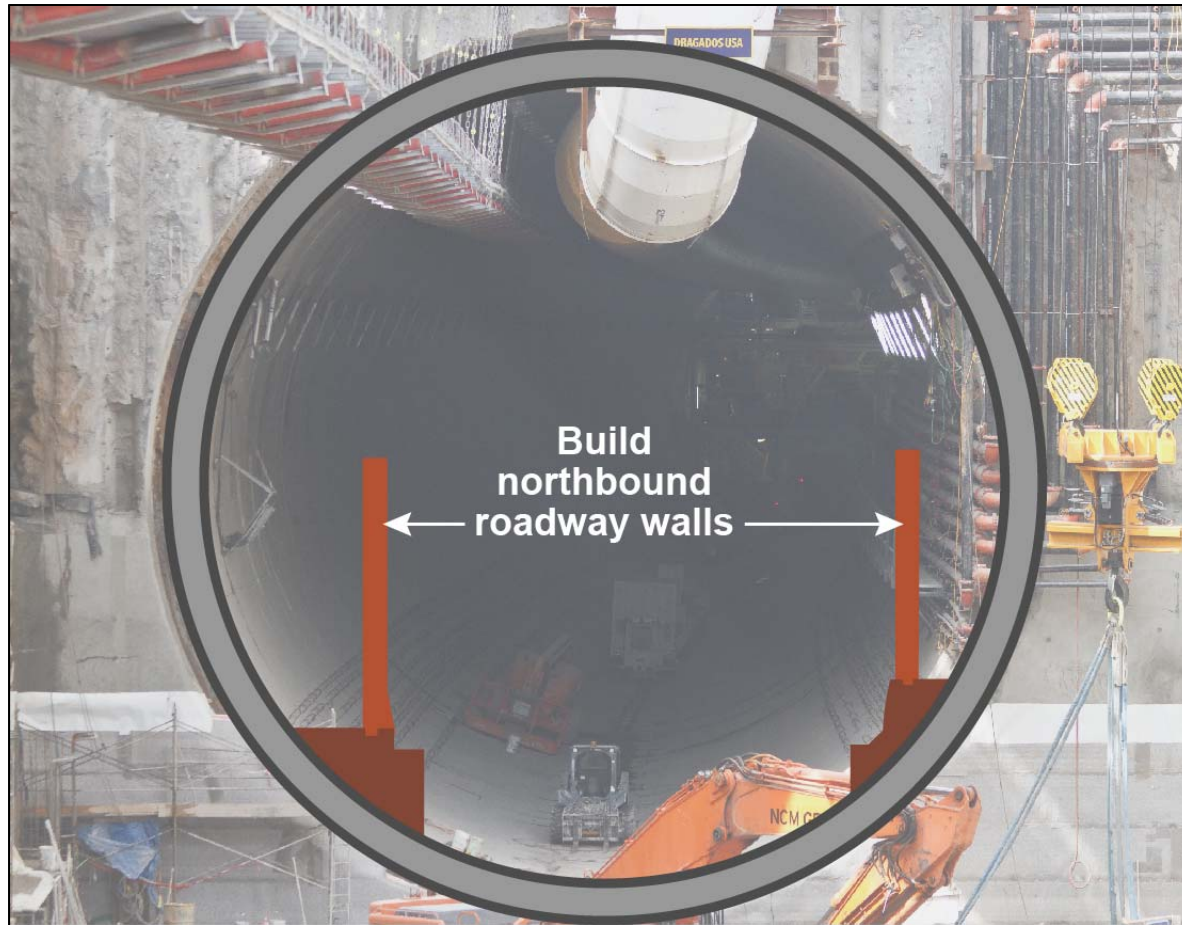


*Southbound deck,
March 16, 2016*



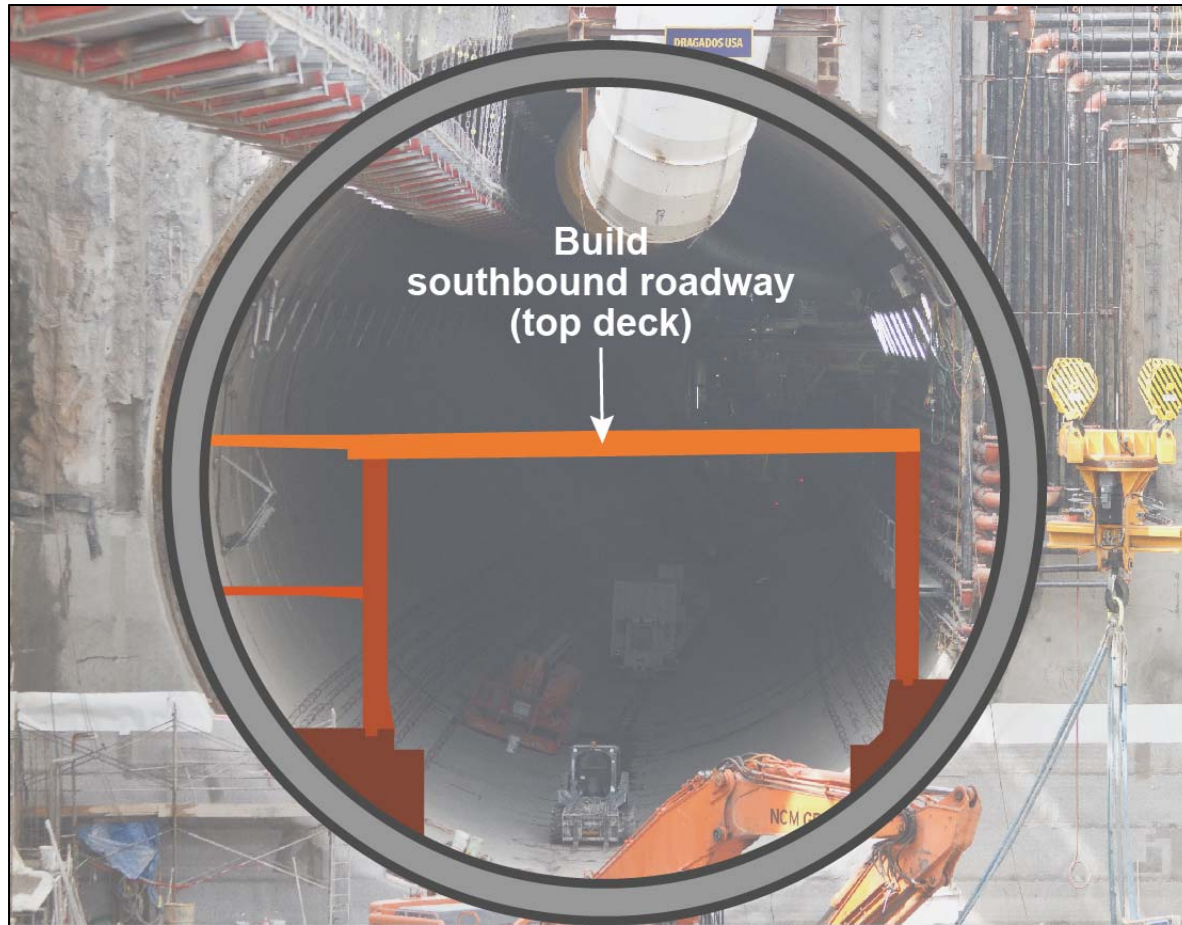
BUILDING THE HIGHWAY

inside the tunnel



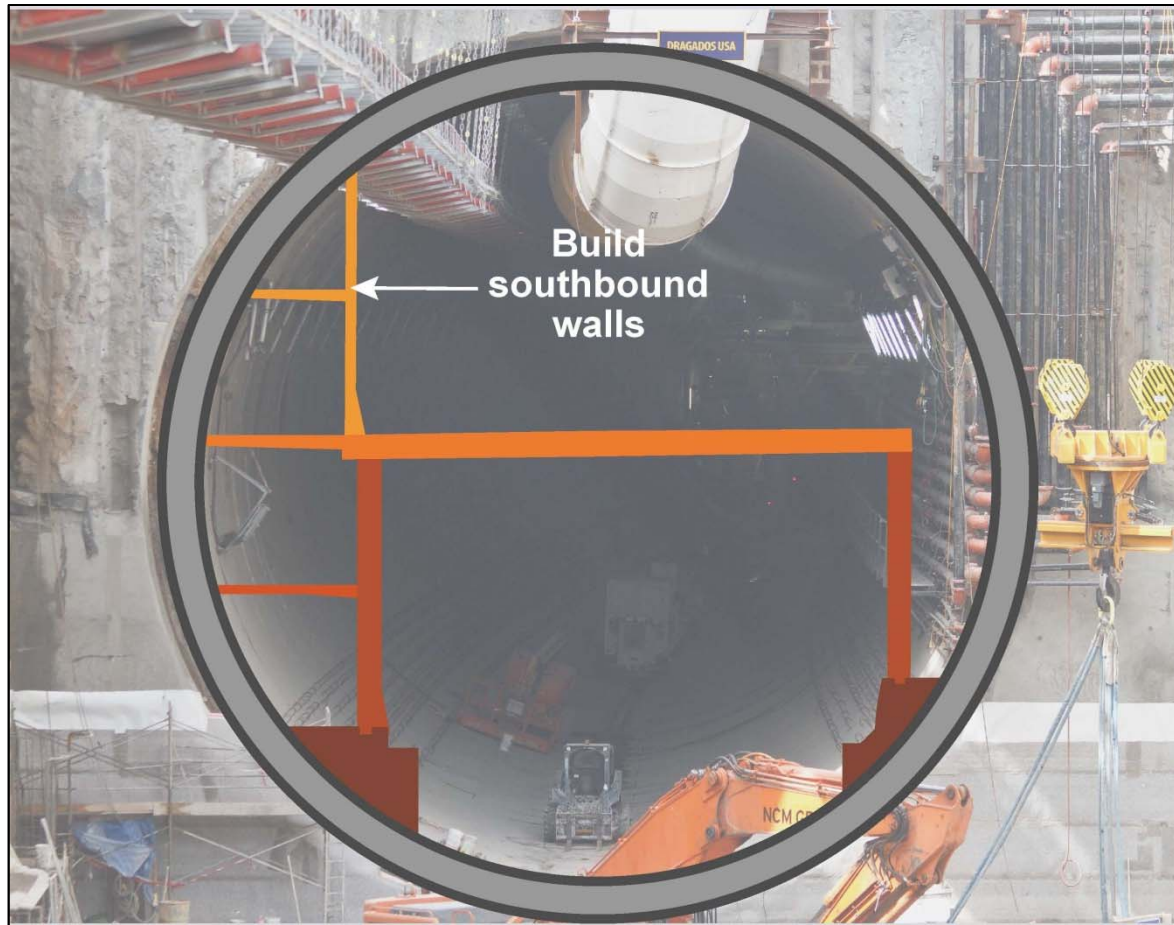
BUILDING THE HIGHWAY

inside the tunnel



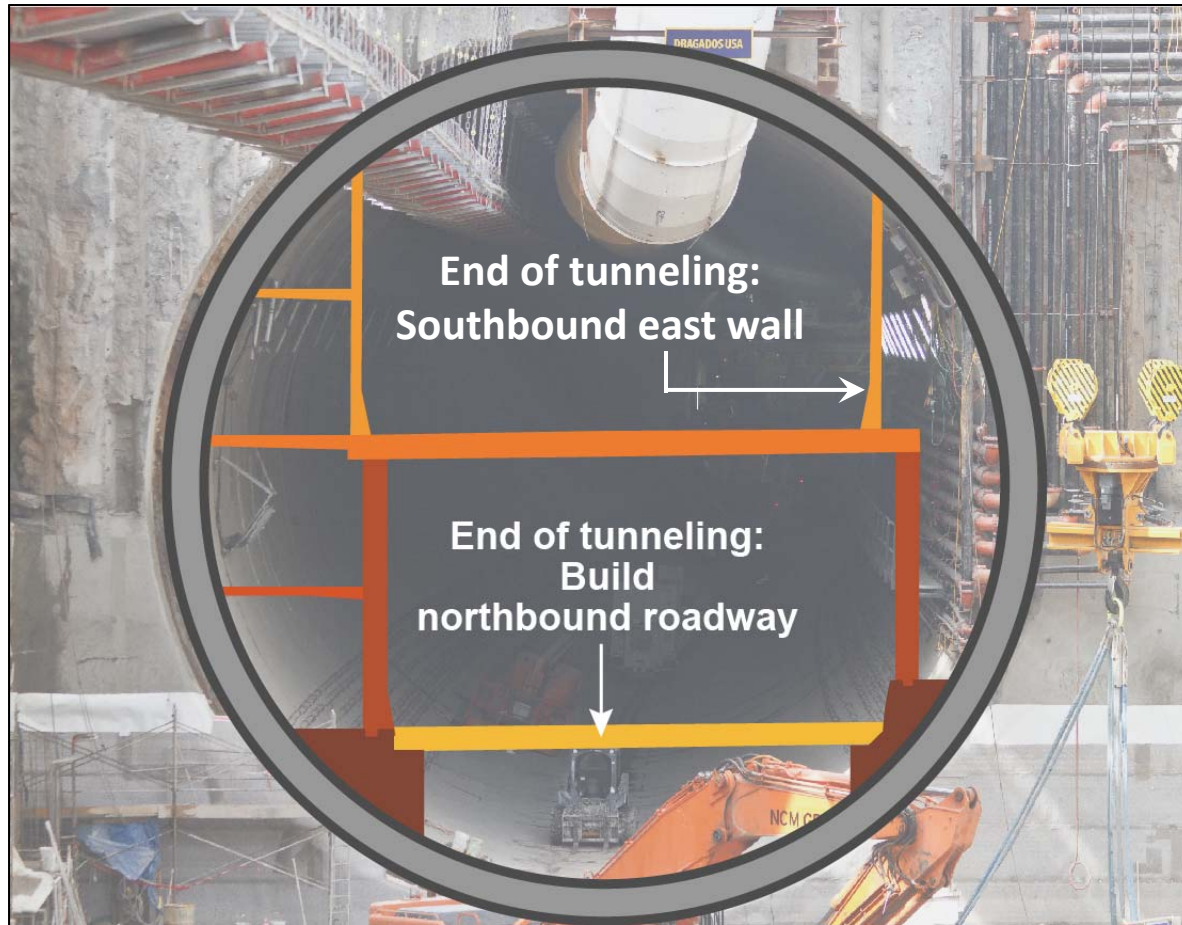
BUILDING THE HIGHWAY

inside the tunnel



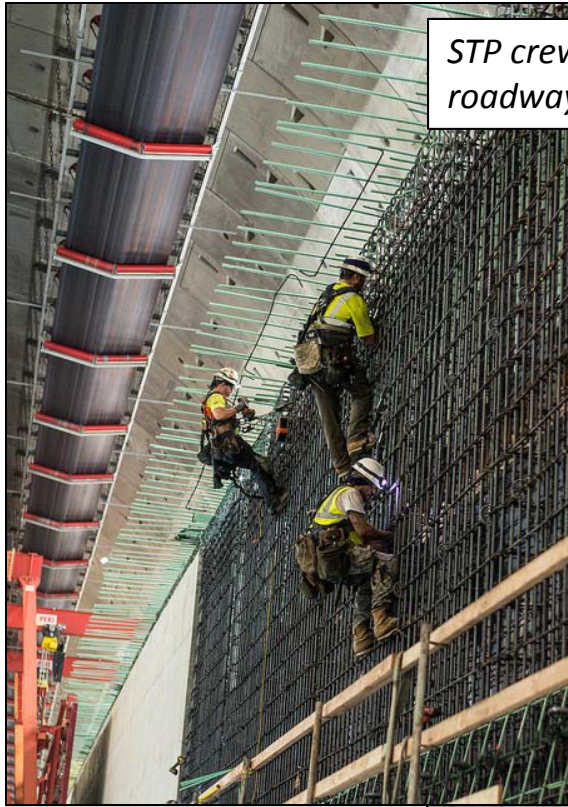
BUILDING THE HIGHWAY

inside the tunnel



BUILDING THE HIGHWAY

inside the tunnel



STP crews build the rebar cage for future roadway walls, Aug. 18, 2016



Interior roadway construction, Aug. 18, 2016

BUILDING THE HIGHWAY

inside the tunnel



*North portal receiving pit,
Aug. 31, 2016*

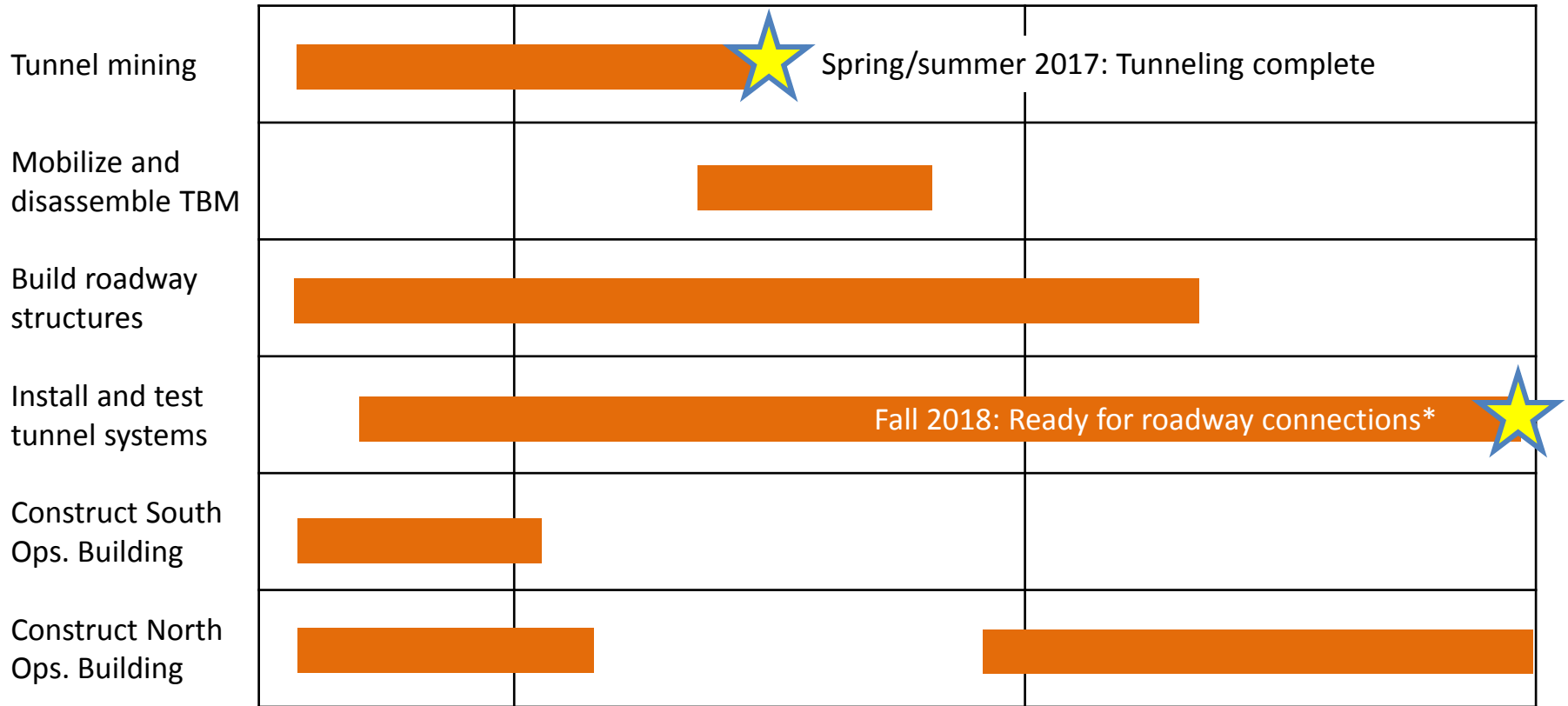
Building the NORTH
PORTAL

Alaskan Way Viaduct
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2016

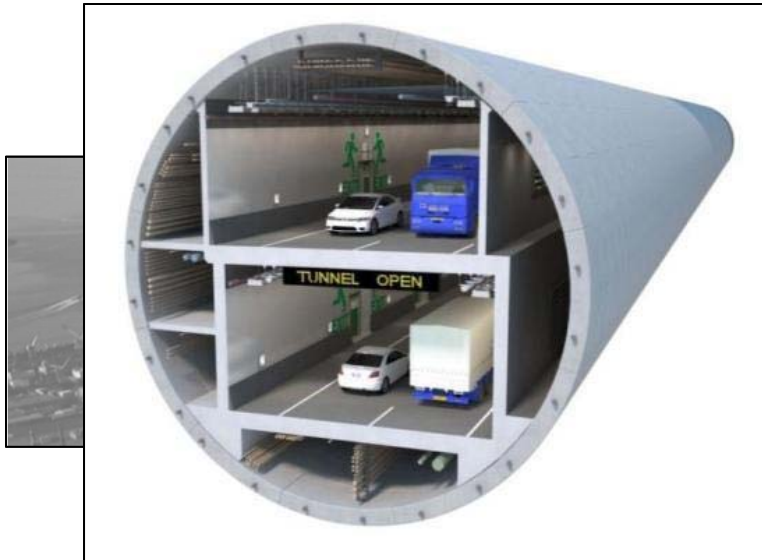
2017

2018



* Tunnel opening in early 2019 following construction of roadway connections

STP'S REMAINING
 WORK



Today's **FOCUS**

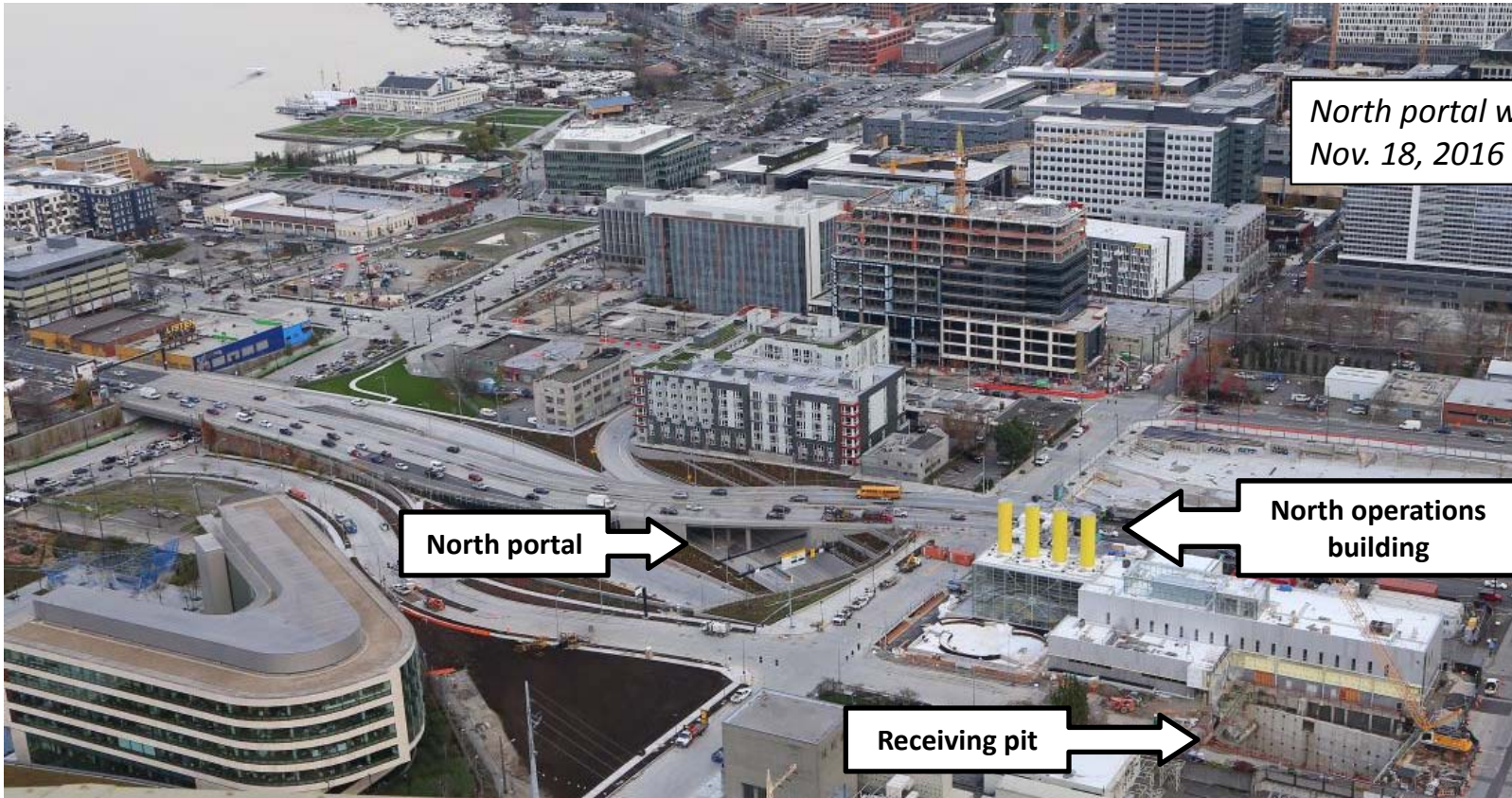


- Program progress
- **Focus on the north end**
- Future meetings

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Future **NORTH
PORTAL**



*North portal work zone
Nov. 18, 2016*

North portal →

← **North operations building**

Receiving pit →

Building the **NORTH**
PORTAL

*Visualization of the
completed operations
building*



*North operations building
on July 28, 2016*

Building the tunnel's

NERVE CENTERS

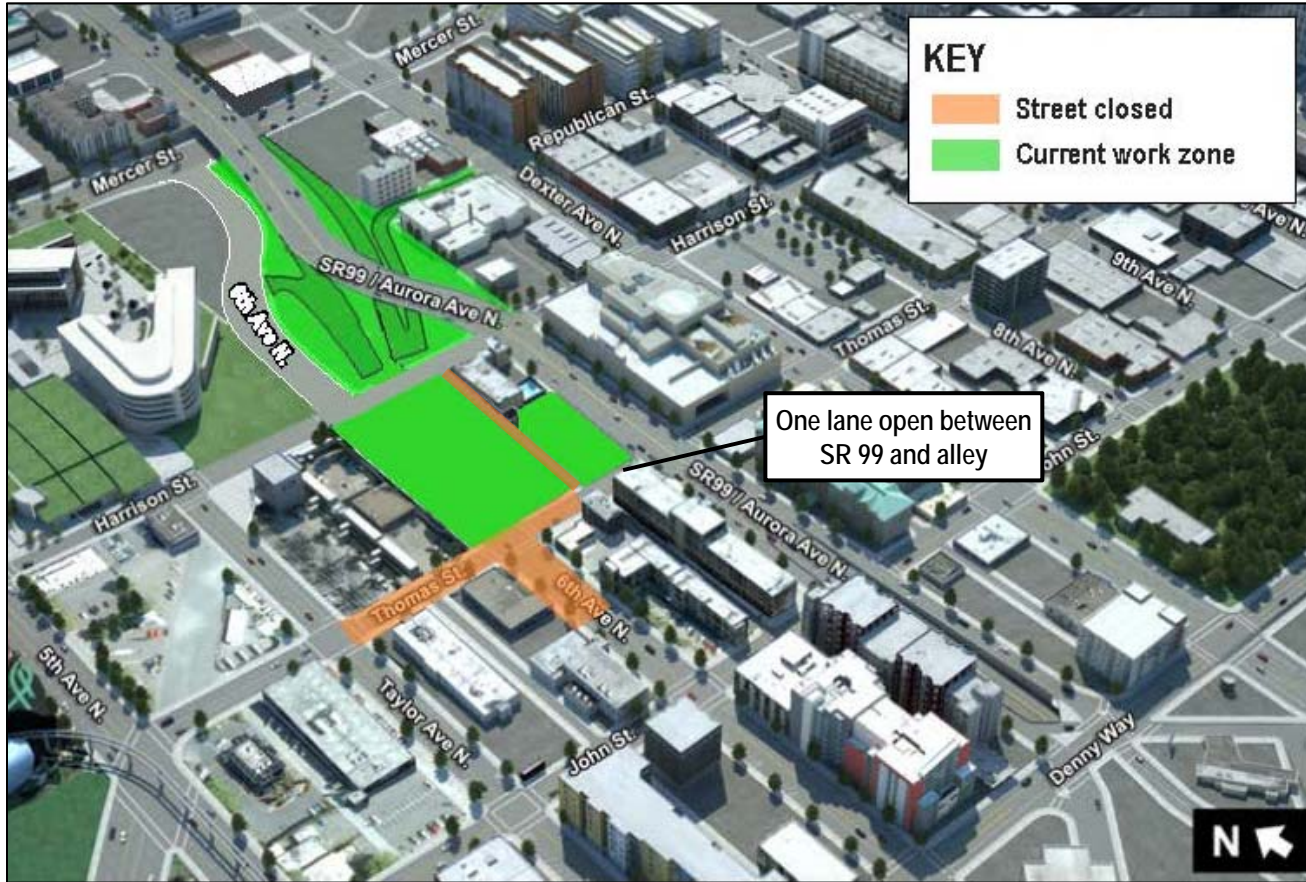


*Future northbound roadway, looking south,
Oct. 18, 2016*

**NORTH
PORTAL**



NORTH PORTAL



Tunneling machine

EXTRACTION



North Surface Street Connections

Reconnecting surface streets near the north tunnel portal

UPCOMING
WORK



Alaskan Way Viaduct demolition



Battery Street Tunnel decommissioning

UPCOMING
WORK

Today's **FOCUS**



- Continuing progress
- Focus on the north end
- **Future meetings**

Spring 2017

- Program update
- Battery Street Tunnel decommissioning design

Summer 2017

- North Surface Street Connections design

2018

- Tunnel opening and permanent viaduct closure: What to expect
- North Surface Street Connections design update

**FUTURE
MEETINGS**

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

Twitter:
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