

Alaskan Way Viaduct Replacement Program Update

Lynn Peterson
Secretary of Transportation

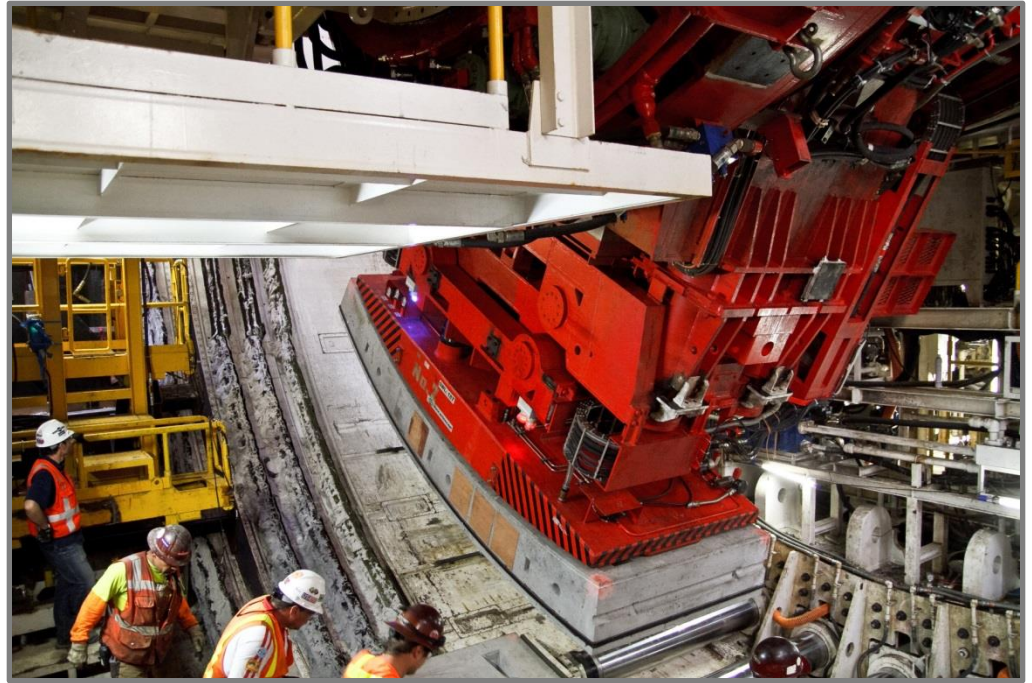
Cam Gilmour
Deputy Secretary

Todd Trepanier
AWV Program Administrator

**Joint Transportation Committee
September 11, 2013**

Overview

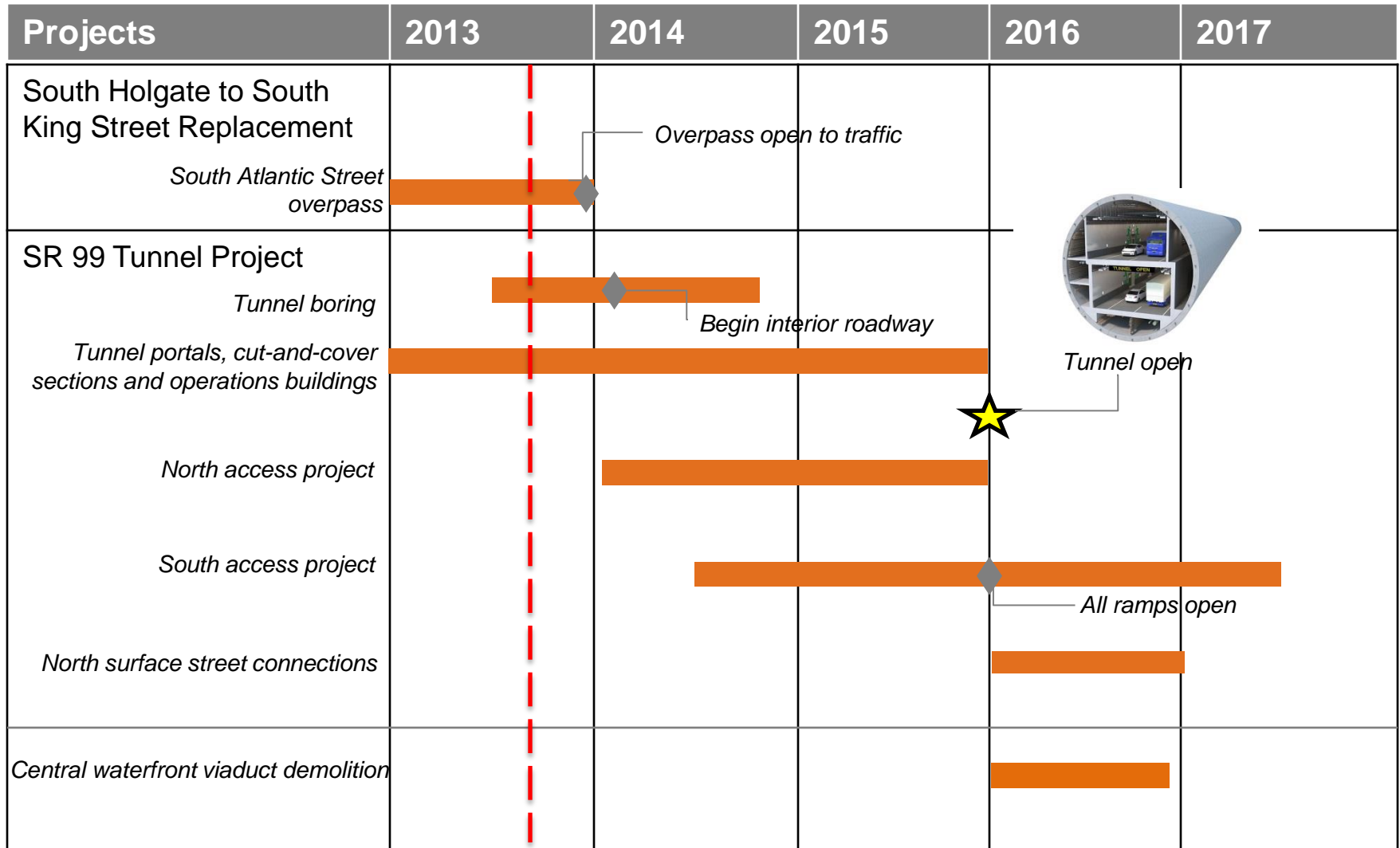
- Program overview:
 - Budget.
 - Schedule.
- Construction update.
- Committees:
 - SR 99 tunnel tolling.
 - Expert Review Panel.



2013 State Project Budget

State Projects	Budget (\$ in millions)
SR 99 Tunnel Project	\$2,054.4 million
SR 99 S. Holgate Street to S. King Street Project	\$358.3 million
Central Waterfront Viaduct Removal Battery Street Tunnel Decommissioning New Alaskan Way and Elliott / Western Connections	\$290 million
Central Waterfront Construction Mitigation	\$30 million
Program Management	\$75 million
Other Moving Forward Projects	\$173.7 million
Prior Environmental Impact Statements, Right of Way and Design Costs	\$163.7 million
Total	\$3,145.1 million

Construction Timeline



Construction

Building the New SR 99 Corridor



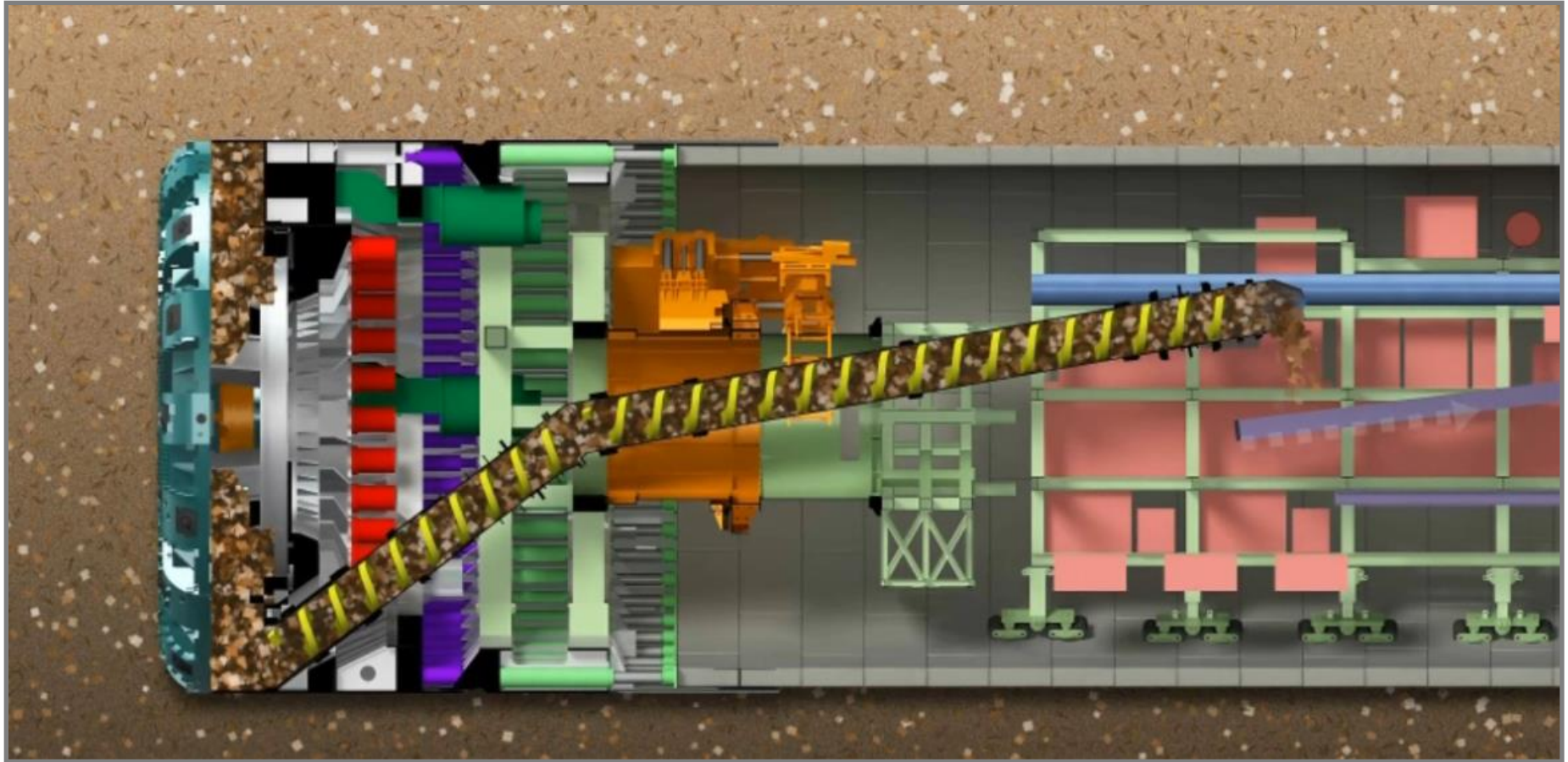
Building the New Overpass



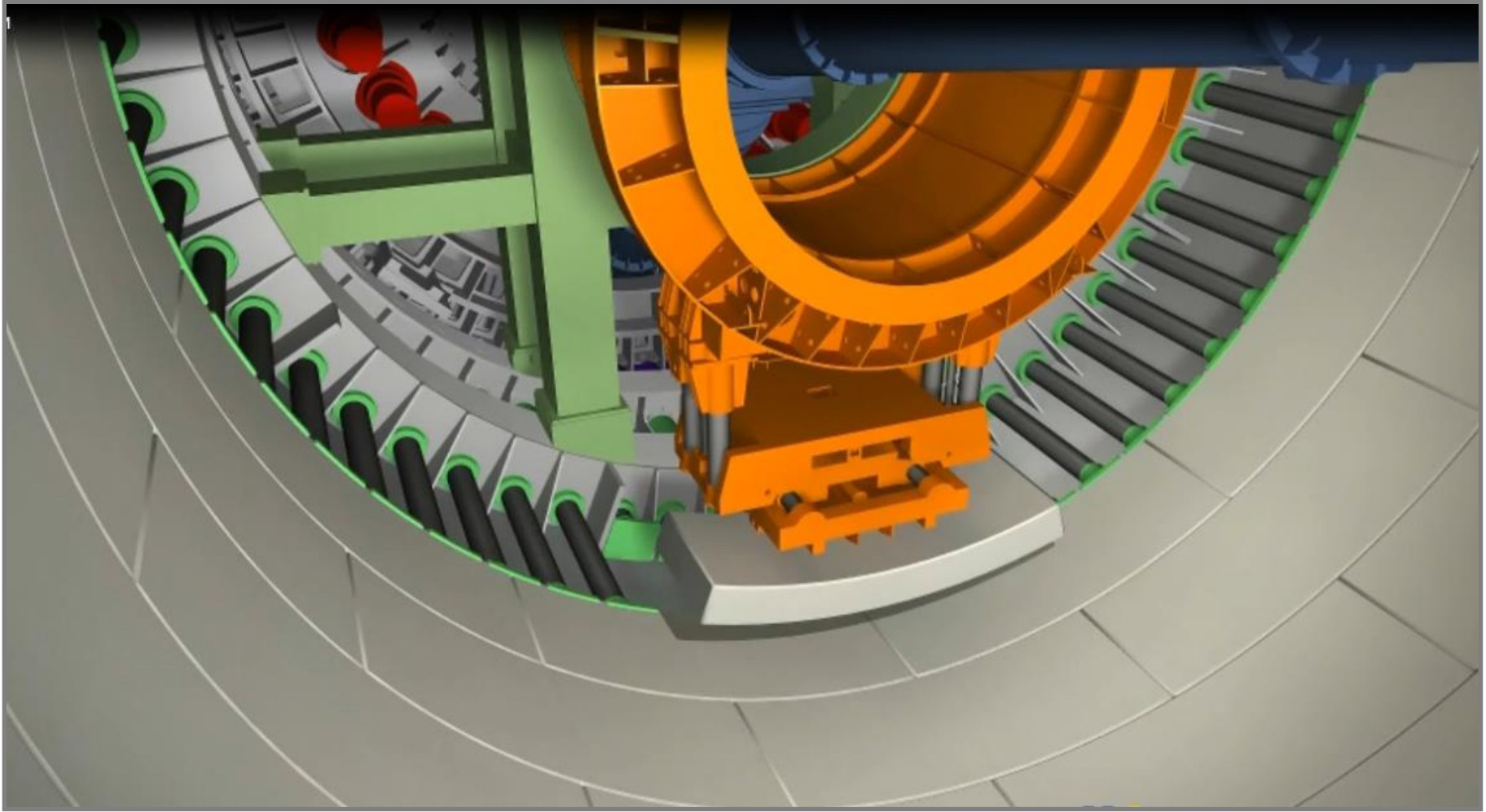
The SR 99 Tunneling Machine



Tunneling Machine – Earth Pressure Balance



Tunneling Machine – Placing Liner Segments



Tunnel Liner Segments



Launching the SR 99 Tunneling Machine



Headwall Muck

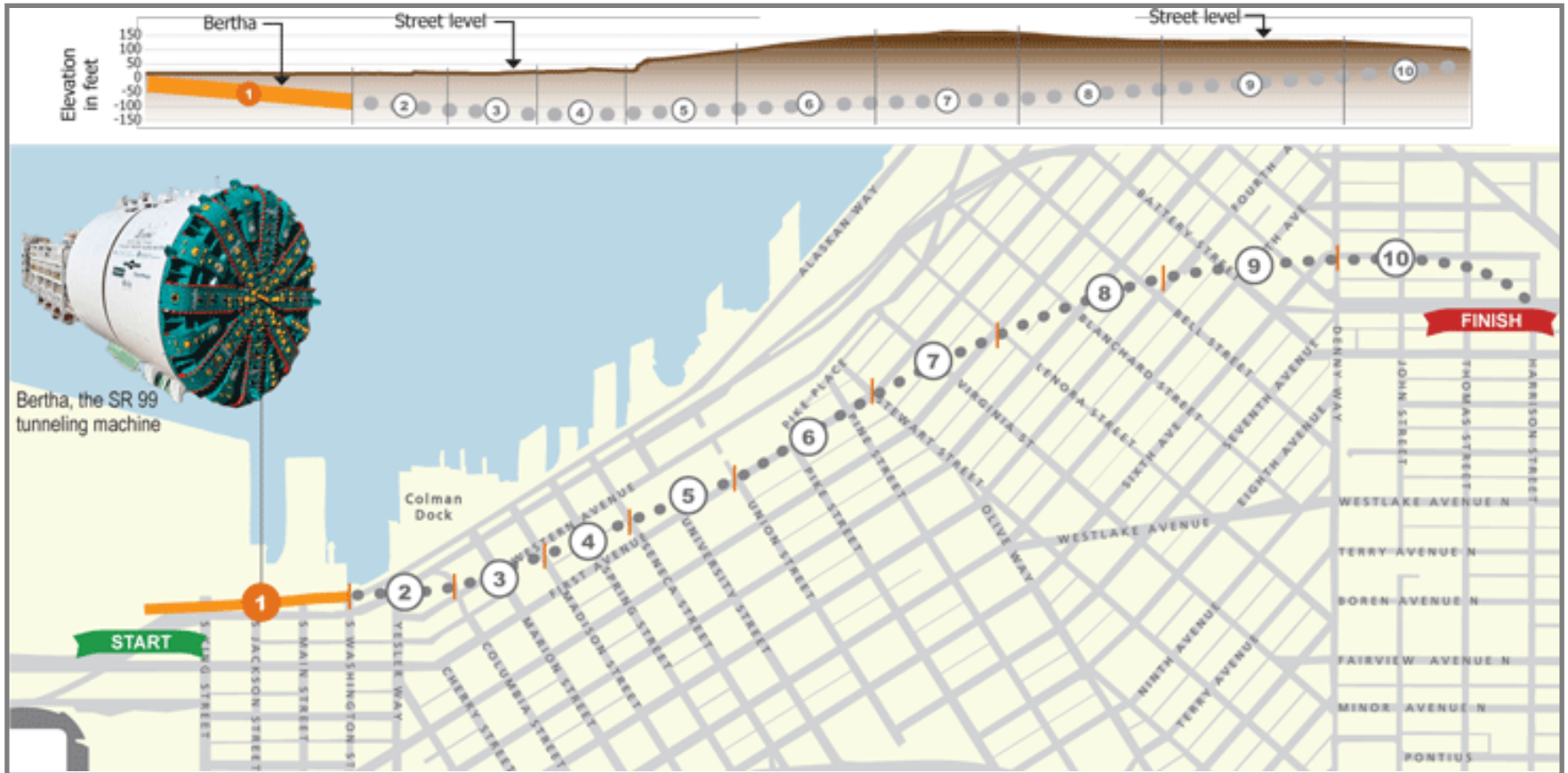


Tunnel Spoils Conveyor Belt



The SR 99 tunnel conveyor belt stretches from the launch pit to Terminal 46.

Tracking Bertha's Progress



www.wsdot.wa.gov/Projects/Viaduct/About/FollowBertha

Protecting Structures and Settlement Mitigation



*Monitoring equipment installed on a rooftop.
Photo by Soldata.*

- Primary settlement mitigation is the operation of the tunneling machine.
- Built a protected pathway for the first 1,500 feet of tunneling.
- Reinforced the viaduct above the path of the tunnel.
- Implemented a robust monitoring plan to keep structures safe before, during and after tunneling.

North Portal Receiving Pit



Advisory Committee on Tolling and Traffic Management

- Requirement of the Record of Decision as a way to mitigate for tolling impacts.
- Exploring ways to refine SR 99 tunnel tolling strategies to meet funding goals and investigating strategies to reduce or mitigate diversion.
- Legislatively-approved budget includes \$200 million in revenue from tolling.
- Working with the committee since late 2011.
- Committee has evaluated seven toll scenarios to date.
- Committee makes advisory recommendations this year.

AWV Expert Review Panel

- The 2011 Legislature directed WSDOT to form an Expert Review Panel to evaluate the key assumptions for the program's schedule, risk and cost estimates.
- The Expert Review Panel will report findings and recommendations annually until the project is complete.
- The panel's 2012 and 2013 reports can be found on the program website.
- The panel will reconvene this fall.
- WSDOT is in the process of submitting a formal request for the members.

Questions?

For more information on the
Alaskan Way Viaduct Replacement
Program,
please contact:

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