

Alaskan Way Viaduct **REPLACEMENT** PROGRAM



Seattle City Council
April 11, 2016

Today's Agenda



- SR 99 Tunnel Project update
- SR 99 closure

Pressurization chamber



Receiving pit



Bored tunnel

STP's Recent

PROGRESS

Topics

- What are we closing and why?
- How has the viaduct been protected?
- STP's tunneling operations
- Monitoring the viaduct
- Agency coordination and traffic management
- Public outreach

Upcoming

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SR 99 will be closed through downtown Seattle



- Approximately two weeks
- South Spokane Street to the Battery Street Tunnel
- Advance notice will be provided

Upcoming

#99closure

The need to close the viaduct

- Precautionary
- More accurate monitoring
- Helps the public plan ahead



A monitoring device installed on the viaduct.

Upcoming

#99closure

Tunneling operations

- Tunneling around the clock
- Frequent field updates
- Real-time monitoring of the machine and ground
- Soil reconciliation



Upcoming

#99closure

Monitoring program

- WSDOT implemented a comprehensive monitoring program before construction began.
- Ground monitoring efforts in Pioneer Square expanded in early 2015.
- Tools include monitoring equipment on buildings and the viaduct and laser imaging technology.



A monitoring device on a building in Pioneer Square.

Protecting

THE VIADUCT

Agency coordination

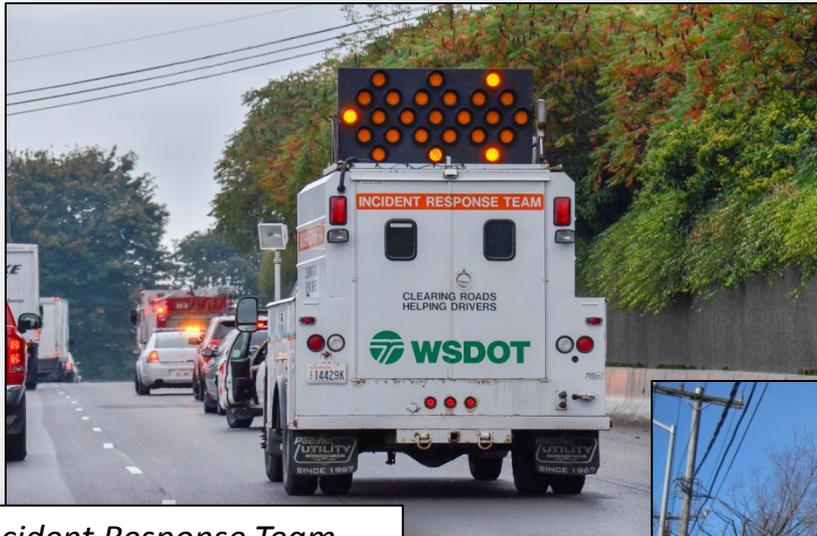
- Calls three times per day
- AWW command center for emerging issues
- Coordination between WSDOT TMC, SDOT TOC and Metro Operations Center



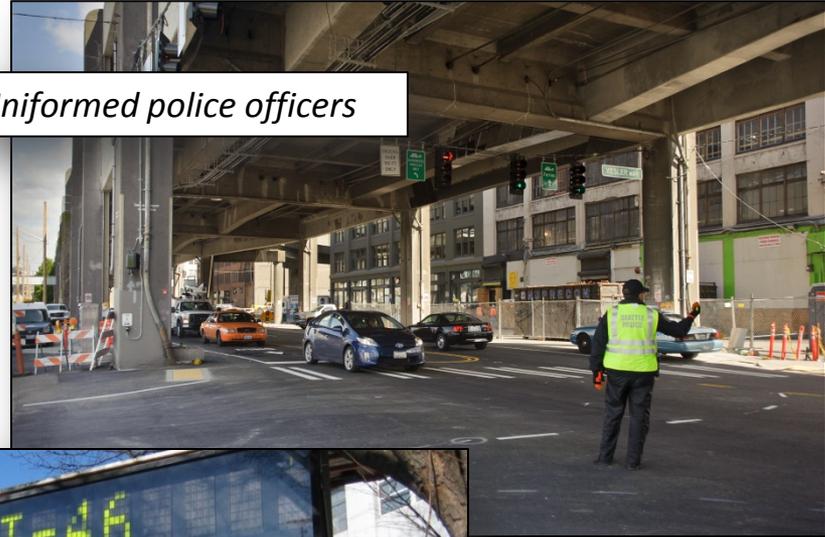
Upcoming

#99closure

Keeping people moving



Incident Response Team



Uniformed police officers



Temporary VMS

Upcoming

#99closure

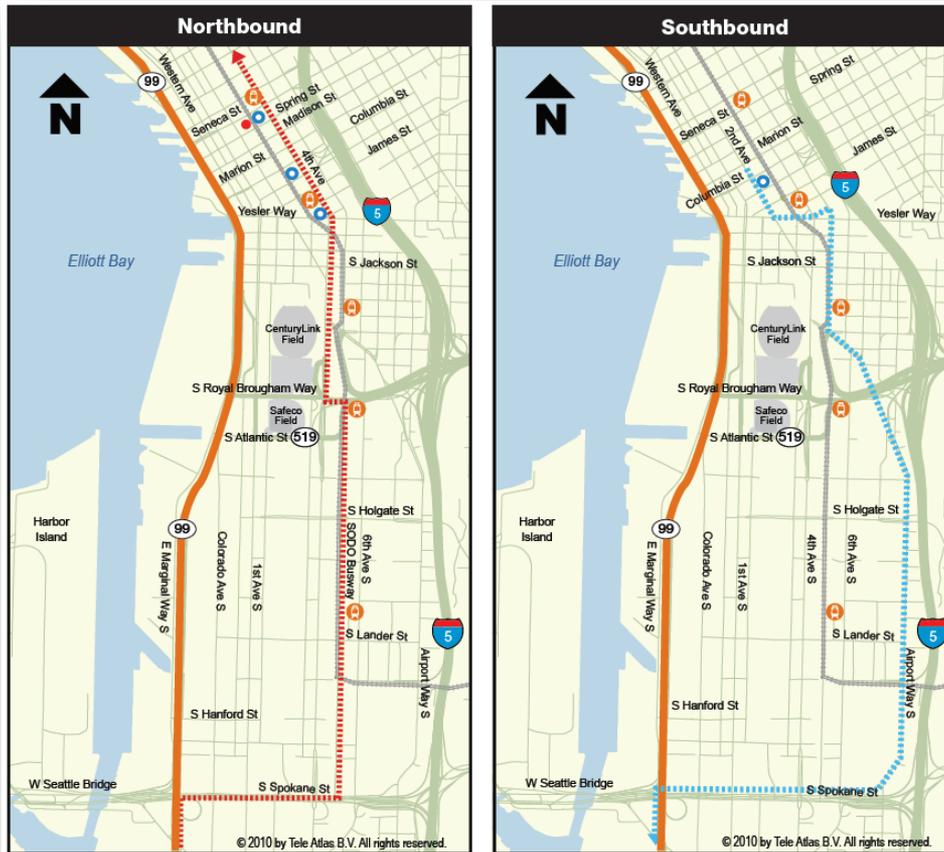
Keeping people moving on city streets

- Optimize and monitor signal timing
- Construction and event coordination
- SDOT incident response and E-laborers

Upcoming

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King County Metro: South Seattle bus reroutes



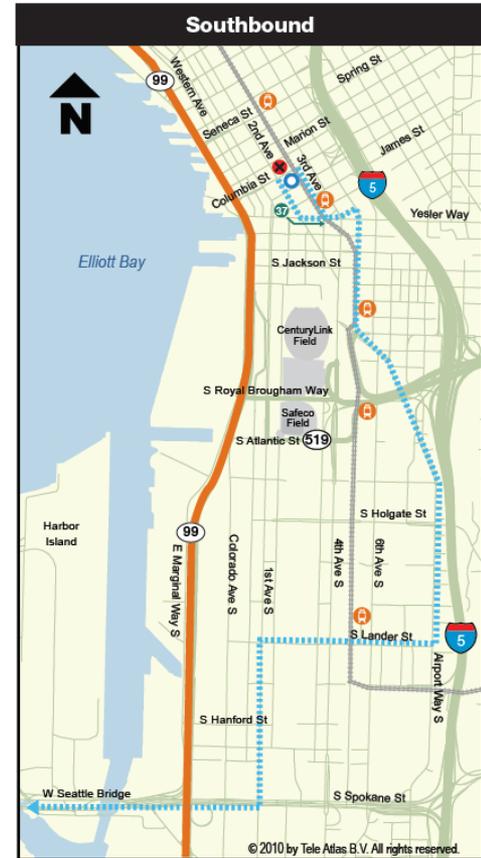
- Routes 113, 121, 122, 123 moved off viaduct
- Temporary stops on 4th Ave (northbound)

Upcoming

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King County Metro: West Seattle bus reroutes

- Routes 21E, 37 (SB), 55, 56, 57, 120, 125, RapidRide C
- Temporary stops on 3rd Ave (southbound)



Upcoming

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King County Metro: North end transit priority

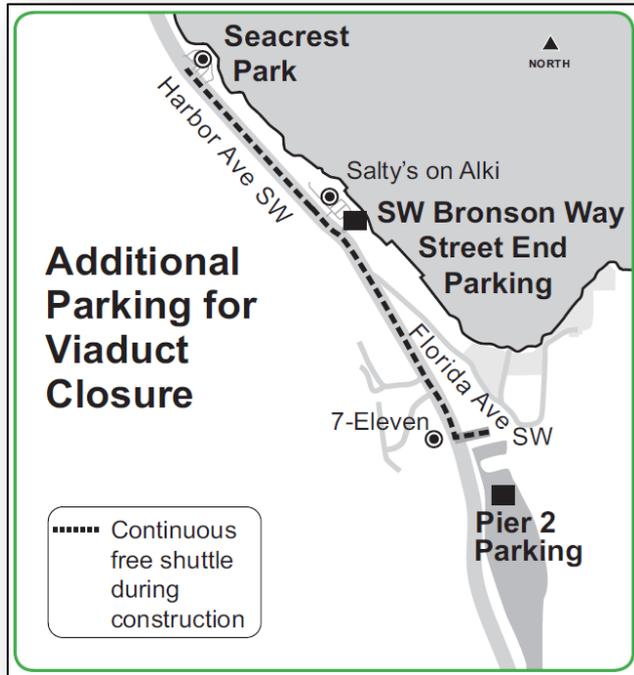
- Routes 26, 28, 37, 40, 62, 143, 157, 158, 159, 214, 554, RapidRide C
- Peak period transit-only lanes on Lenora and Blanchard
- Transit-only lane enforcement



Upcoming

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Water Taxi service



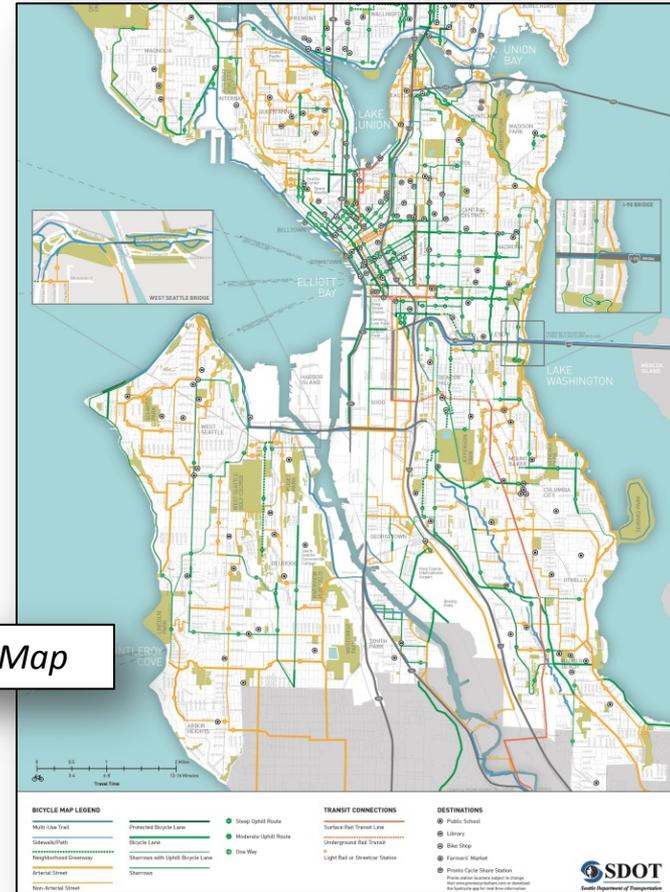
Upcoming

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Other travel options

- Adjust travel times
- Work from home
- Bike or walk to work
- Carpool or vanpool

Seattle Bike Map



Upcoming

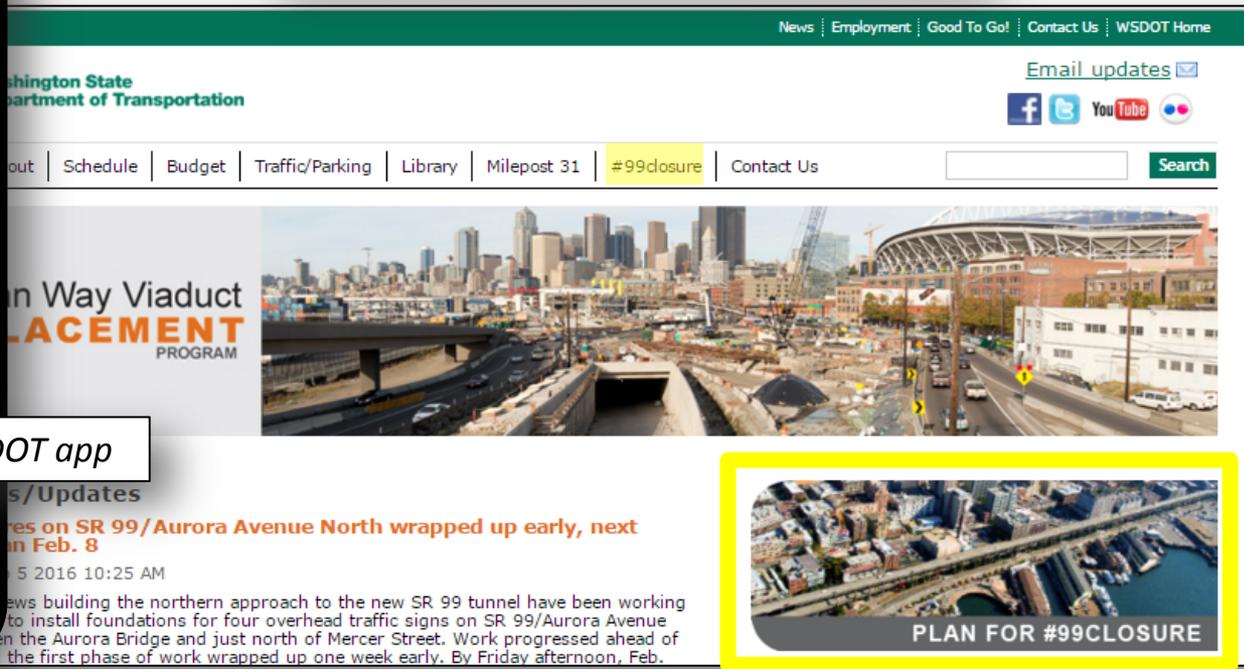
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Getting information to the traveling public: Web

www.99closure.org



WSDOT app



Upcoming

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

Email:
viaduct@wsdot.wa.gov

Hotline:
1-888-AWV-LINE