

I-405 MASTER PLAN



Regional Consensus

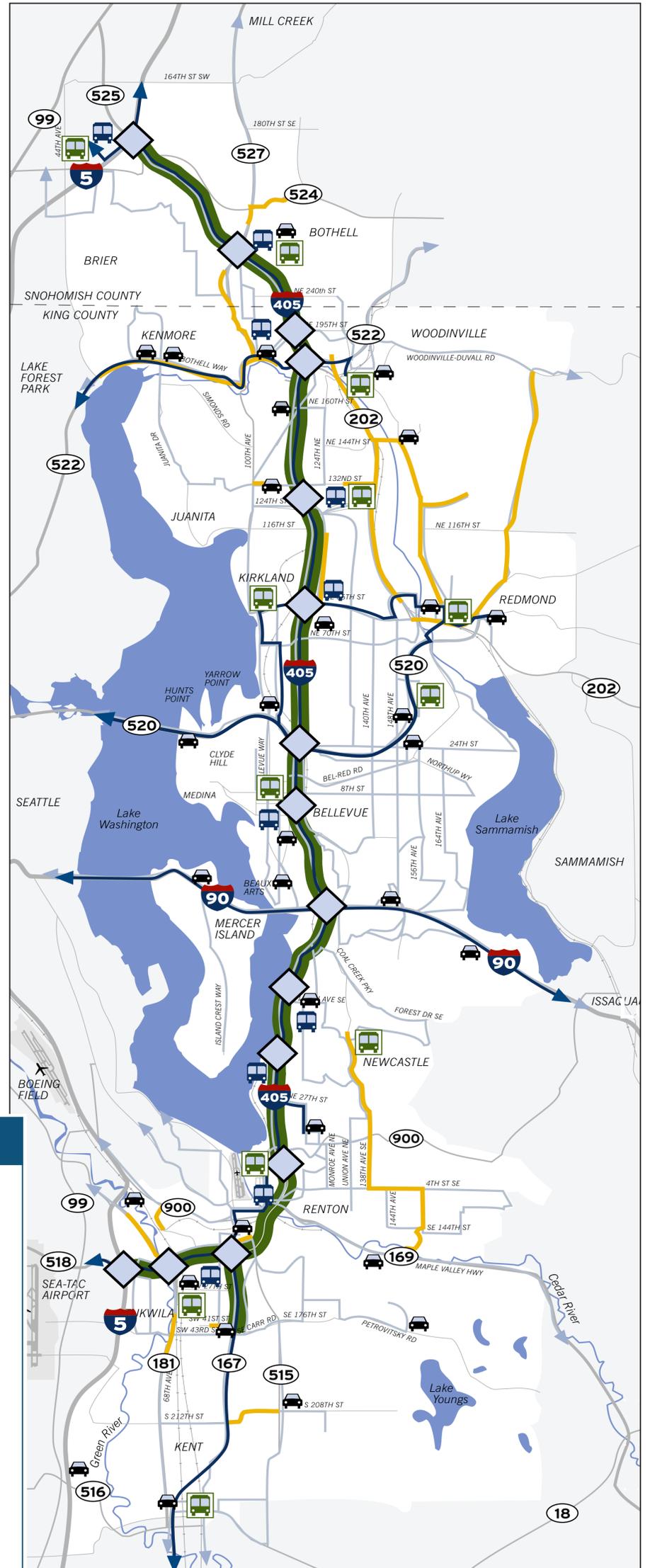
- EIS Record of Decision, 2002

Roadways

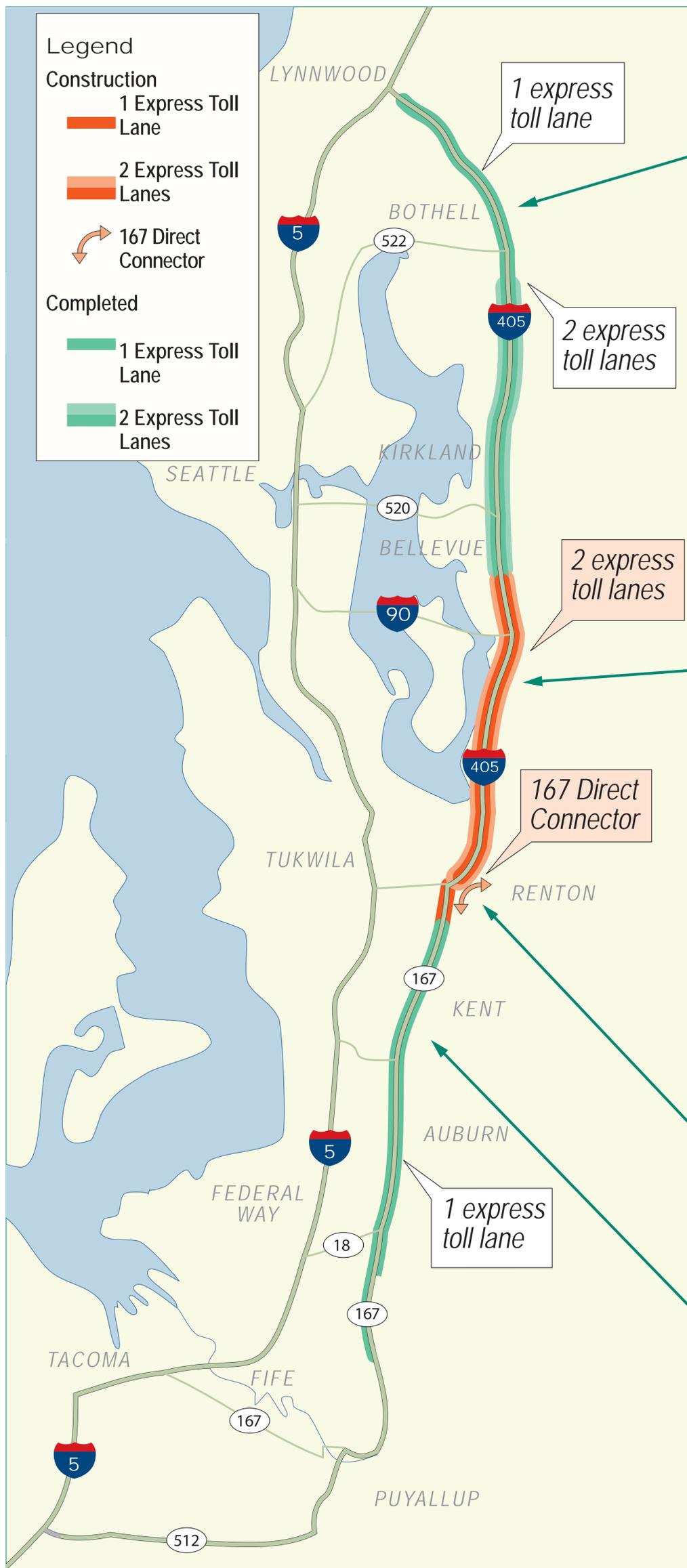
- 2 new lanes in each direction
- Local arterial improvements

Transit & Transportation Choices

- Bus Rapid Transit system
- New transit centers
- 50% transit service increase
- HOV direct access ramps and flyer stops
- Potential managed lanes system
- 5000 new Park & Ride spaces
- 1700 new vanpools
- Environmental enhancements



Legend	
	Added Freeway Lanes & Connections Two new lanes added each direction on I-405 and interchanges upgraded, key chokepoints fixed at SR 167, I-90, Kirkland and Bothell
	Bus Rapid Transit (BRT) Service New bus rapid transit system deployed
	Transit Service 50% Transit service increase with HOV lane and direct access improvements
	Arterial Improvements Local arterials improved
	HOV Lane Access Point
	BRT Stations Ten new BRT stations
	Transit Centers Nine transit centers
	Park-and-Ride Lots 5,000 new park-and-ride spaces



I-405 Bellevue to Lynnwood Widening and Express Toll Lanes
Opened in September 2015

Added one new lane and paired it with the existing carpool lane to create a dual express toll lane system between Northeast 6th Street in Bellevue to SR 522 in Bothell; converted the existing carpool lane to a single express toll lane between SR 522 and I-5 in Lynnwood.

I-405 Renton to Bellevue Widening and Express Toll Lanes
Funded

Adds one new lane in both directions and pairs it with the existing carpool lane to create a dual express toll lane system. Connects to the express toll lanes between Bellevue and Lynnwood and the SR 167 High Occupancy Toll (HOT) lanes to create a 40-mile continuous system.

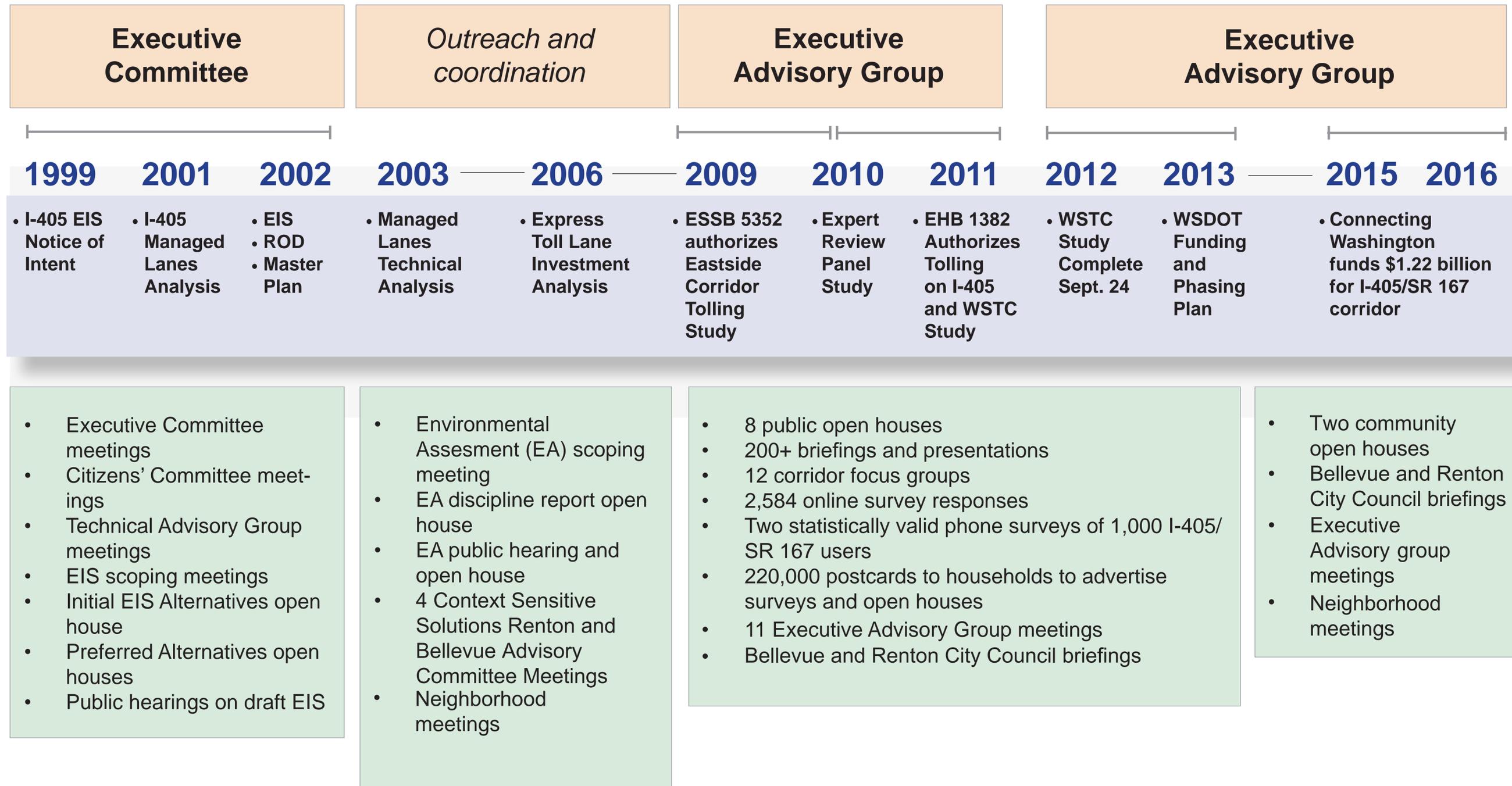
I-405/SR 167 Interchange Direct Connector
Under Construction

Builds a new flyover ramp to connect the future I-405 express toll lanes with the existing SR 167 HOT lanes.

SR 167 HOT Lanes
Operating since 2008

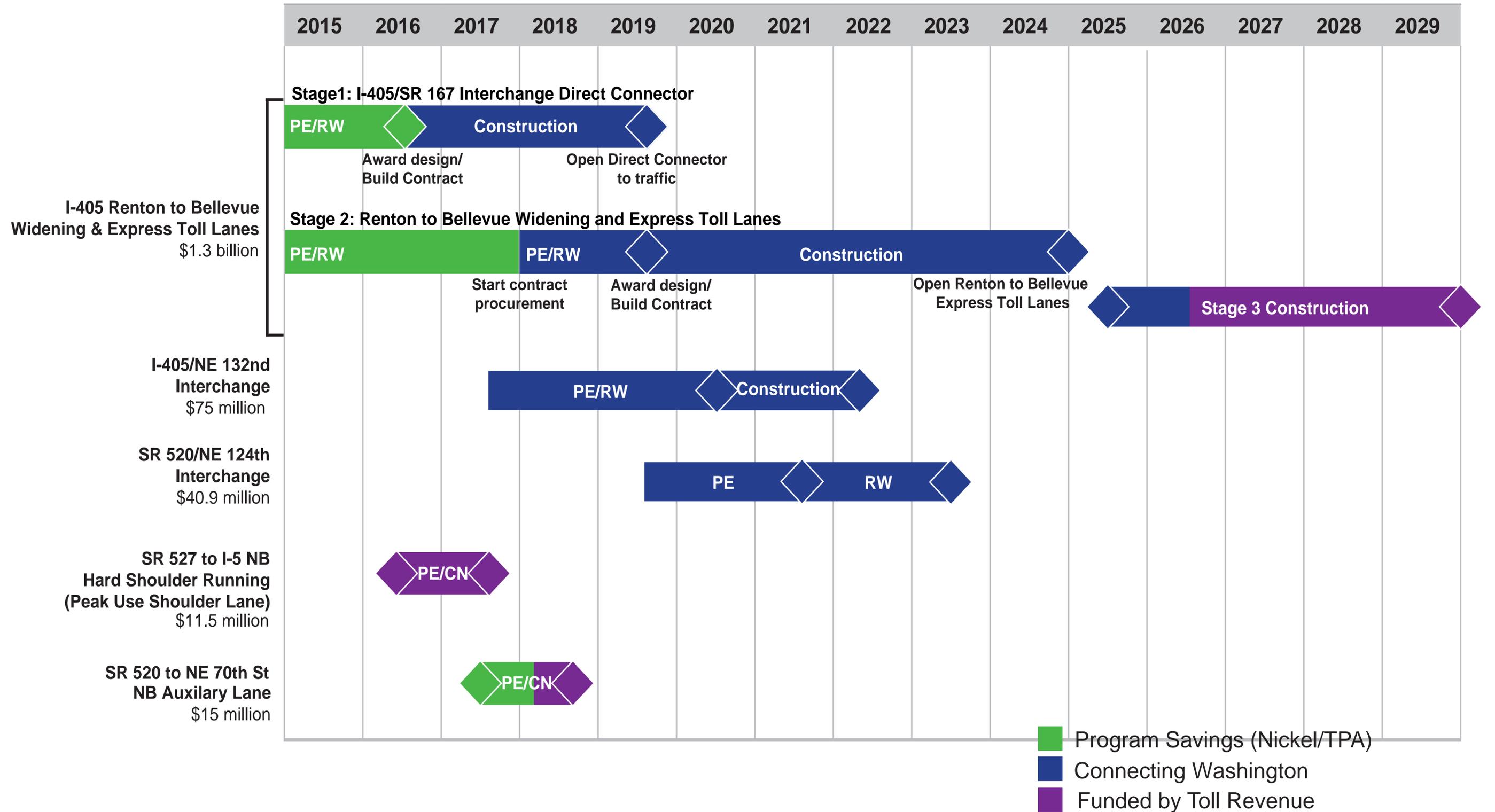
Meeting performance and operational goals. Southbound extension scheduled to open in 2017. Northbound extension is unfunded (\$35 million).

COMMUNITY PARTNERSHIP



More than 15 years of collaboration and study on I-405 express toll lanes

CURRENT DELIVERY SCHEDULE



Upcoming funded projects in the I-405 Corridor

PROJECT OVERVIEW



Project Highlights

- Adds **new capacity** to create a dual express toll lane system between State Route 167 in Renton and Northeast 6th Street in Bellevue. This project will complete a **continuous 40-mile express toll lane system** extending from I-405 in Lynnwood to SR 167 at the Pierce County line.
- Builds **one new auxiliary lane** southbound from I-90 to 112th Avenue Southeast.
- Builds **four new noise walls** to reduce highway sound for neighbors.
- Improves **four interchanges**: Northeast Park Drive and Northeast 44th Street in Renton, and 112th Avenue Southeast and Coal Creek Parkway in Bellevue.
- Improves **fish passage** in streams.
- Builds portions of the **Eastside Rail Corridor regional trail**, including a new crossing over I-405 at the site of the former Wilburton rail bridge.*
- Evaluating **new direct access ramps** at 112th Avenue Southeast in Bellevue and Northeast 44th Street in Renton.**

*Partnership with King County

**Partnership with Sound Transit

Estimated Schedule

Construction start: 2019

Open to traffic: 2024



I-405/SR 167 DIRECT CONNECTOR



The I-405/SR 167 interchange is one of the most heavily congested interchanges in the state. Today, drivers experience congestion in this area for up to eight hours each day. This rendering shows the future Direct Connector ramp to connect the SR 167 HOT lanes to the I-405 carpool lanes.

What will WSDOT build?

A new flyover ramp connecting the SR 167 High Occupancy Toll (HOT) lanes to the I-405 carpool lanes in Renton.

Project Benefits

Congestion relief and safety

- Reduces delays for drivers and transit riders.
- Eliminates HOV weaving from trips between I-405 and SR 167.
- Reduces congestion-related collisions.

Environment

- Decreases air pollution and greenhouse-gas emissions because of more reliable speeds and lane performance.
- Relocates a noise wall.
- Builds stormwater management facilities.
- Upgrades or replaces stream crossings to promote fish passage.

Economic impact

- Provides better transit access to affordable housing and employment centers.
- Expands freight mobility to the Green River Valley cities' warehousing and distribution centers.
- Creates construction jobs in a variety of trades.

Construction Details

Construction Start: Summer 2016

Open to Traffic: Summer 2019

Contractor: Atkinson Construction

Proposal Price: \$115.9 million

NORTHEAST 44TH STREET INTERCHANGE IMPROVEMENTS



Current NE 44th Street interchange



Funded NE 44th Street interchange improvements



Potential NE 44th Street interchange improvements

I-405 RAMP METER IMPROVEMENTS



Ramp meters are a proven tool used to:

- Decrease numbers of collisions
- Reduce traffic congestion
- Improve travel times

To improve traffic flow on city streets, WSDOT will soon make improvements to the northbound ramp meters at the Northeast 30th Street and Northeast 44th Street interchanges, including more space for vehicles on the ramps.

Contractor: Graham Construction

Proposal price: \$818,000



Existing Northeast 30th Street on-ramp



Existing Northeast 44th Street on-ramp