



We've delivered \$1.7 billion on time, on budget

During the past decade, the I-405/SR 167 team has constructed 13 projects in this critical corridor, funded mostly from the Nickel and Transportation Partnership Account (TPA) programs. These projects have brought congestion relief, environmental enhancements, and economic benefits.

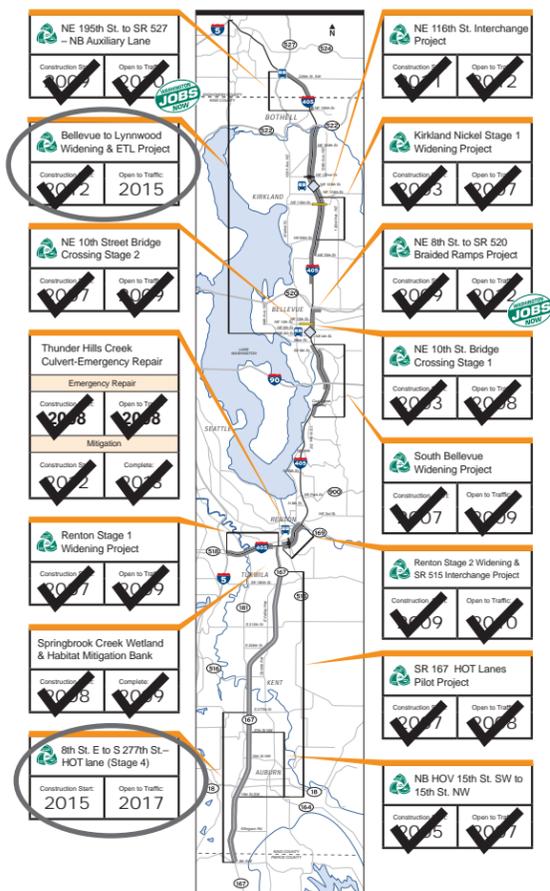
Two fully funded projects remain in the I-405 program:

Bellevue to Lynnwood Widening and Express Toll Lanes, \$332 m

Currently under construction, this project will add a new lane in each direction and convert the existing carpool lane to create a dual express toll lane system between Northeast 6th Street in downtown Bellevue and SR 522 in Bothell. The project will also convert the carpool lane between SR 522 in Bothell and I-5 in Lynnwood to a single express toll lane. Construction is scheduled for completion in 2015.

SR 167 Widening and Hot Lane Extension (Stage 4), \$83 m

Currently in the design phase, this project will extend the existing southbound HOT lane from the vicinity of 8th Street E in Pierce County to 37th St NW in King County.



I-405/SR 167 Corridor Project Funding

Project Name	2013 Legislative Approved Budget	Expenditures Thru June 2013	Budget Remaining
SR 520 to SR 522 Stage 1 (Kirkland Nickel Stage 1)	\$78,636,515	\$78,636,515	\$-
Springbrook Creek Wetland and Habitat Mitigation Bank	\$17,037,638	\$14,337,264	\$2,700,374
112th Ave SE to SE 8th St Widening (South Bellevue)	\$193,269,067	\$193,028,762	\$240,305
I-5 to SR 169 Stage 1 Widening (Renton Stage 1 - includes SR 167 HOT Lane contribution)	\$166,900,752	\$166,803,090	\$97,662
NE 10th St Bridge Crossing (Stages 1 & 2)	\$63,299,555	\$63,257,465	\$42,090
I-5 to SR 169 Stage 2 Widening and SR 515 Interchange (Renton Stage 2 - includes early utility work and reserve)	\$147,991,258	\$147,715,230	\$276,028
NE 195th St to SR 527 NB Auxiliary Lane (Bothell Project - construction only)	\$23,791,402	\$23,718,247	\$73,155
NE 8th St to SR 520 Braided Ramps (Bellevue Braids - includes reserve)	\$211,057,776	\$203,045,576	\$8,012,200
NE 116th St Interchange and Street Improvements (Construction only - includes early utility work)	\$17,628,868	\$16,983,766	\$645,102
NE 6th St to I-5 Widening & ETL (Bellevue to Lynnwood - includes Toll studies, Toll Vendor contract, and risk reserve)	\$332,315,069	\$119,857,783	\$212,457,286
Thunder Hills Creek Culvert Replacement & Mitigation	\$16,733,717	\$15,715,553	\$1,018,164
NE 44th St to 112th Ave SE Widening (Includes Gypsy Creek)	\$150,000,000	\$5,494,889	\$144,505,111
NE 132nd St New Interchange	\$48,500,000	\$-	\$48,500,000
I-405/SR 167 Direct Connector	\$53,816,000	\$4,118,555	\$49,697,445
Tukwila to Bellevue Widening and Express Toll Lanes (Partially funded)	\$15,822,000	\$-	\$15,822,000
All other I-405 contributions (TDM, IRT, Totem Lake HOV, Wilburton, I-90 Restripe, SR 169 Renton, TMC)	\$19,041,994	\$4,976,806	\$14,065,188
SR 167/15th ST SW to 15th ST NW - Add HOV Lanes (Stage 3)	\$43,680,059	\$43,680,059	\$-
SR 167 HOT Lanes Pilot Project	\$18,058,774	\$18,058,774	\$-
SR 167 Improvement Projects - Analysis	\$7,405,842	\$7,405,842	\$-
SR 167/8th St E Vic to S 277th St Vic - SB HOT Lane Extension	\$83,833,614	\$10,357,661	\$73,475,953
	\$1,708,819,899	\$1,137,191,837	\$571,628,062

Project Funding Sources Based on TEIS 13DOTLFC

- * 2003 Gas Tax (Nickel Funding) - \$536,740,777
- * State Special Category Funds - \$5,200,000
- * 2005 Gas Tax (Partnership Funding) - \$984,435,082
- * Other Agency Funds - \$182,444,041
- * Total Funding (All Sources) - \$1,708,819,900



INTERSTATE 405 167 Corridor Program

September 2013

2013 Megaproject Progress Report

Purpose of this report

The financial and schedule information in this document will assist the Office of Financial Management in meeting its legislative reporting obligations for megaprojects.

Critical funding gaps remain

The I-405/SR 167 team continues to build toward the I-405 Master Plan, which calls for a balanced, multimodal approach to transportation in the corridor. Although the team has delivered 13 projects successfully and continues work on two others, additional work remains to bring the master plan improvements to the public. To address the most highly congested portions of the corridor, the team has identified the next two priority projects for funding:

I-405 Renton to Bellevue, \$890 m

I-405 between I-90 in Bellevue and SR 169 in Renton is one of the most congested commutes in the state. By building one new lane and pairing it with the existing carpool lane, dual express toll lanes can offer a 30% more efficient system than an equivalent carpool/general purpose lane system.

Traffic analyses show that the Renton to Bellevue project will significantly reduce the hours of delay people experience on this stretch of roadway. Today, drivers experience congestion in this vicinity for up to eight hours each day, even with new improvements in the South Bellevue and Renton area. The proposed \$890 million project will add a new lane in each direction between I-90 in Bellevue and SR 169 in Renton. This new lane could be paired with the existing HOV lane to create a two-lane express toll lane system, completing a continuous 40-mile system on I-405 and SR 167.

I-405/SR 167 Interchange Direct Connector, \$325 m

The I-405/SR 167 interchange is one of the most heavily congested interchanges in the state. Traffic analyses show that this project will significantly reduce the hours of delay people experience at this interchange and on SR 167 and I-405. This project will build new structures to connect express toll lane and HOV lane ramps from SR 167 to I-405 and will improve traffic flow at this critical interchange.

The 2012 Legislature authorized \$40 million in I-405 corridor savings to start the preliminary engineering for the I-405/SR 167 Interchange Direct Connector and purchase the property needed to build the project. The Direct Connector project will be ready for advertisement in 2015.



Travelers on I-405 (as shown in the photos above) and SR 167 between Bellevue and Renton experience some of the state's worst traffic congestion. Future improvements will address these trouble spots.

For More Information:

www.wsdot.wa.gov/projects/I405

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Completing the 40-mile express toll lane system

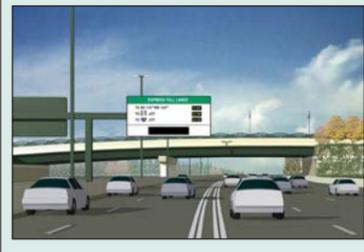
A ten-year implementation plan will allow WSDOT to move forward with the funded (green) section of the express toll lanes now to gain valuable operation experience while establishing traffic and revenue history. The proposed, unfunded next priority projects (red) include the critical direct connector at the I-405/SR 167 interchange, the Renton to Bellevue express toll lanes project and the SR 167 HOT lanes extension. When complete, these projects will create a 40+ mile express toll lanes system.

I-405/SR 167 Direct Connector
Cost: \$325 million (\$40 million in PE/RW funded)
Benefit/cost ratio: 4.7 (including all Tukwila to Bellevue projects)
Builds a ramp connecting the future I-405 express lanes to the SR 167 HOT lanes (as shown in rendering below).



Bellevue to Lynnwood Widening and Express Toll Lanes

Cost: \$332 million
Under construction with opening date in 2015. Builds an express toll lanes system between NE 6th Street in downtown Bellevue and I-5 in Lynnwood (as shown in visualization below).



Renton to Bellevue Widening and Express Toll Lanes

Cost: \$890 million
Benefit/cost ratio: 4.7 (including all Tukwila to Bellevue projects)
Builds a dual express toll lane system between SR 167 in Renton and NE 6th Street in Bellevue.

SR 167 Widening and HOT lane extension (Stage 4)

Cost: \$83 million
Extends the existing southbound HOT lane to the King/Pierce County line.

SR 167 Widening and HOT lane extension (Stage 5)

Cost: \$35 million
Adds a northbound HOT lane at the King/Pierce County line to 15th St SW.

Legend

- **Funded**
- **Unfunded**
- **Existing/Completed**
- Direct connector** (freeway to freeway connection)
- Direct access point**
- Interchange project**

Pursuing priority projects

The team has identified the next group of priority projects as part of the I-405 Master Plan.

Bothell to Lynnwood Dual Express Toll Lanes

Cost: \$570 million
Benefit/cost ratio: 1.7
Provides a new direct access connection between SR 522 and I-405 express toll lanes. Adds a new express toll lane in each direction between SR 522 and I-5.

SR 520/I-405 Interchange and SR 520/124th Ave NE Interchange

Cost: \$550 million
Benefit/cost ratio: 1.1
Builds flyover ramps connecting the express toll lanes with I-405 and the HOV lane on SR 520. Rebuilds the SR 520/124th Ave NE interchange to Master Plan configuration.

I-405/NE 132nd St. Interchange

Cost: \$75 million
Benefit/cost ratio: 1.1
Builds a new half-diamond interchange at NE 132nd St. in Kirkland.

I-90/I-405 Interchange Direct Connectors

Cost: \$535 million
Benefit/cost ratio: 1.6
Builds two new flyover ramps connecting the express toll lanes on I-405 with the HOV lanes on I-90 to connect Bellevue and Renton to Issaquah.

SR 167 Stage 6

Cost: \$300 million
Benefit/cost ratio: 2.5
Extends the SR 167 HOT lanes northbound and southbound to the SR 410/SR 512 interchange.

Legend

- **Funded**
- **Unfunded**
- **Existing/Completed**
- Direct connector** (freeway to freeway connection)
- Direct access point**
- Interchange project**



Progressing on the Master Plan

The I-405 master plan is a balanced, multimodal approach to transportation in the corridor. The master plan calls for two new freeway lanes in each direction. Most of the interchanges in the corridor will need to be reconstructed in order to accommodate the new lanes. Express toll lanes offer the most cost effective staging approach to the ambitious master plan by minimizing interchange reconstruction, while creating one new through lane in each direction.

What does the Master Plan include?

- 2 new lanes in each direction
- Bus Rapid Transit system
- 9 new transit centers added
- 50% transit service increase
- HOV direct access ramps and flyer stops
- 5,000 new Park & Ride spaces
- 1,700 new vanpools
- Local arterial improvements

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

