

I-405/SR 167 Corridor Program

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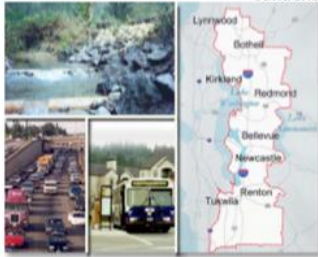
September 23, 2019

I-405 and SR 167: A 40+ mile corridor

I-405 Corridor Program

Record of Decision

October 2002



U.S. Department of Transportation
Federal Highway Administration
Federal Transit Administration



SR 167 Corridor Plan

Final Report

December 2008



Washington State
Department of Transportation

2019 legislative session: toll authorization and bonding

- **ESSB 5825** (toll authorization bill)
 - Provides permanent toll authorization for I-405 and SR 167 (to SR 512 in Puyallup) and the Gateway facility
 - Defines I-405 and SR 167 as a corridor and creates one account for toll revenue (within the motor vehicle account)
 - Includes bonding of I-405 ETL and SR 167 HOT lane toll revenues to support I-405 and SR 167 priority projects
 - Includes a variety of other direction to WSDOT:
 - Retains operational performance metric
 - 2+ carpool study Renton to Bellevue
 - Updating the SR 167 Master Plan

SR 167 Master Plan

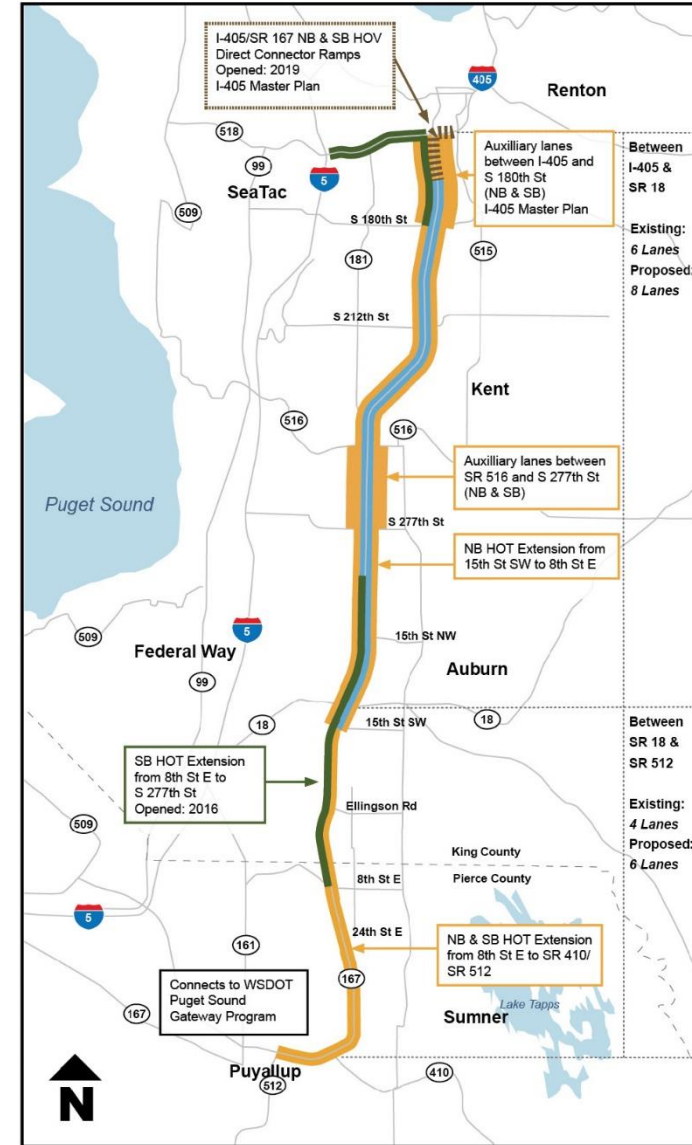
\$3 million identified to update the SR 167 Corridor Plan (ESSB 5825)

Study Goals

- Analyze existing and future conditions
- Incorporate information from public and stakeholder engagement
- Apply WSDOT's Practical Solutions approach
- Identify near, medium and long-term multimodal transportation needs and strategies

Study Completion

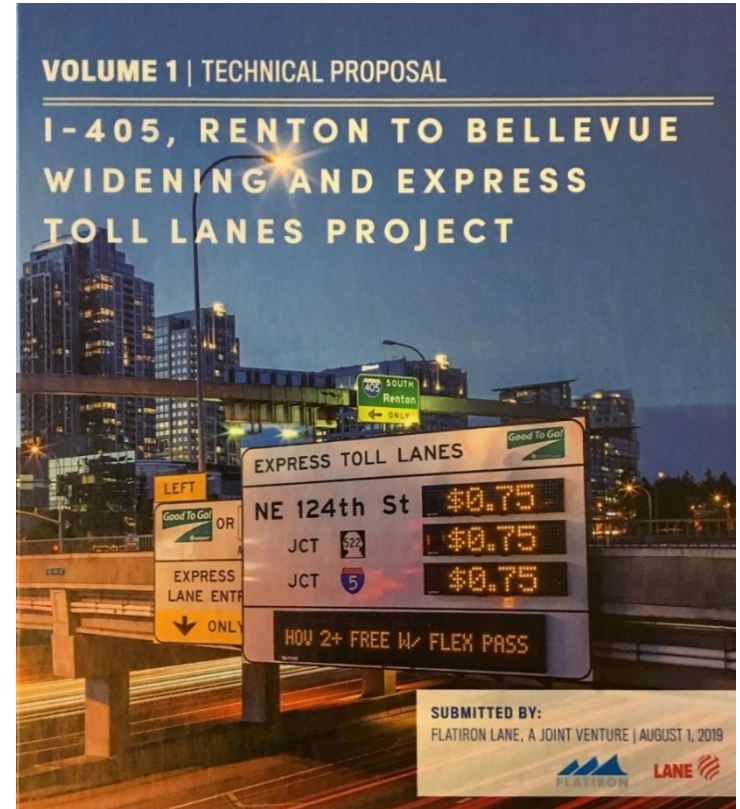
- The SR 167 Master Plan will be completed by June 30, 2021



I-405 Renton to Bellevue Widening and Express Toll Lanes Project (RTB Contract 2)

**Bids opened on Aug. 21.
Flatiron West Inc.-The Lane
Construction Corporation Joint
Venture was Apparent Best
Value.**

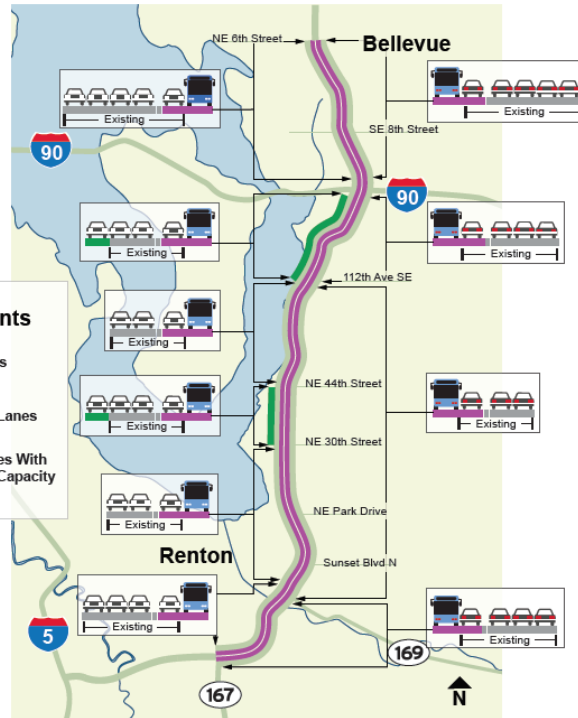
- Bid price: \$704.9 million
- Maintains commitments to meeting partner schedules



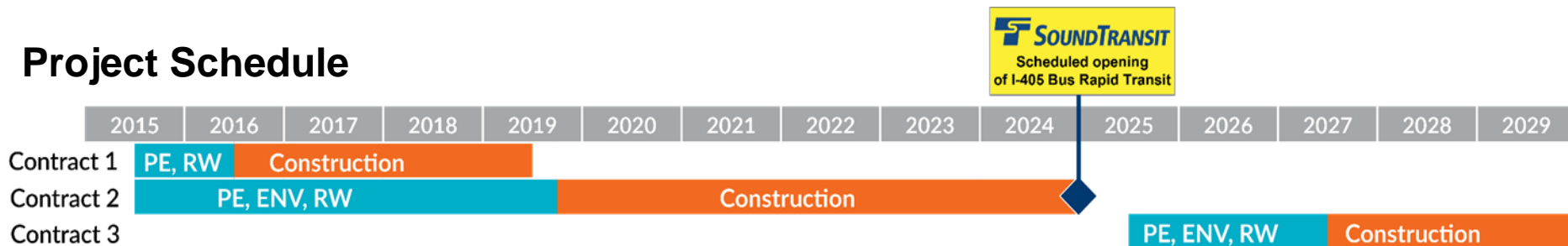
RTB Contract 2: Project overview

Project Scope

- Adds new capacity to create a dual express toll lane system between SR 167 in Renton and NE 6th Street in Bellevue
- Builds two southbound auxiliary lanes, between Coal Creek Pkwy SE and 112th Ave SE, and between NE 44th Street and NE 30th Street
- Improves interchanges, including N Southport Drive and NE 44th Street in Renton, and 112th Avenue SE and Coal Creek Parkway SE in Bellevue
- Construction of portions of the Eastrail, including a 2.5-mile paved section and a new crossing over I-405 in downtown Bellevue at the site of the former Wilburton rail bridge
- Extends direct access to eastbound NE 6th Street (contract 3)



Project Schedule



RTB Contract 2: Eastrail regional trail - King County partnership

As part of the I-405 Renton to Bellevue Widening and Express Toll Lanes project, the WSDOT is working closely with King County to build portions of the Eastrail regional trail. The project includes the following elements:

Building a 2.5 mile segment of paved trail south of I-90

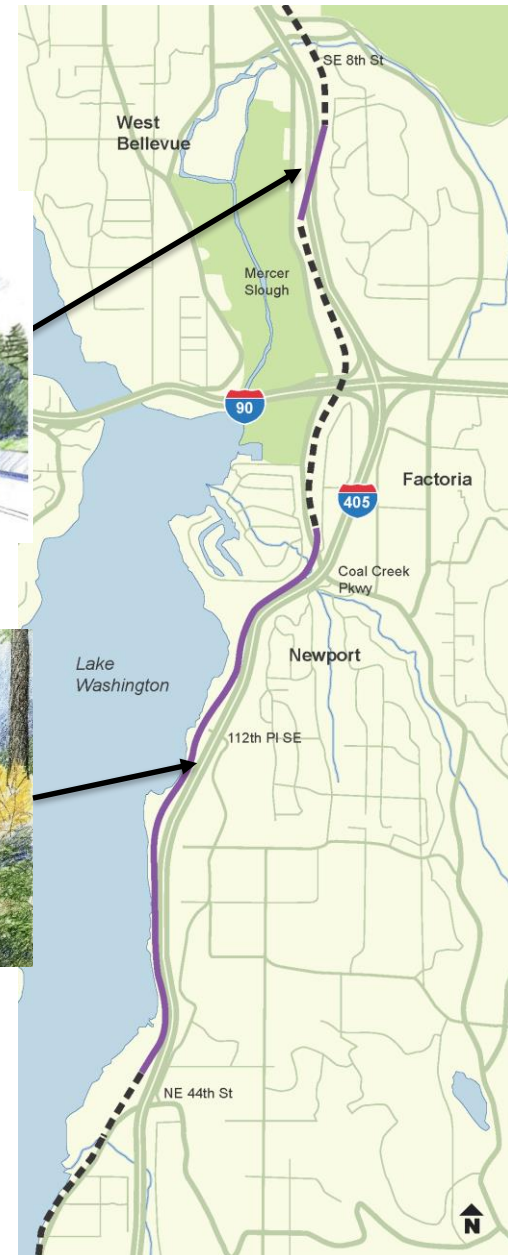
- Extends the paved trail between Coal Creek Parkway in south Bellevue and Ripley Lane in Renton
- Replaces sections of existing Lake Washington Loop trail



I-405 crossing visualization



Trail cross section visualization



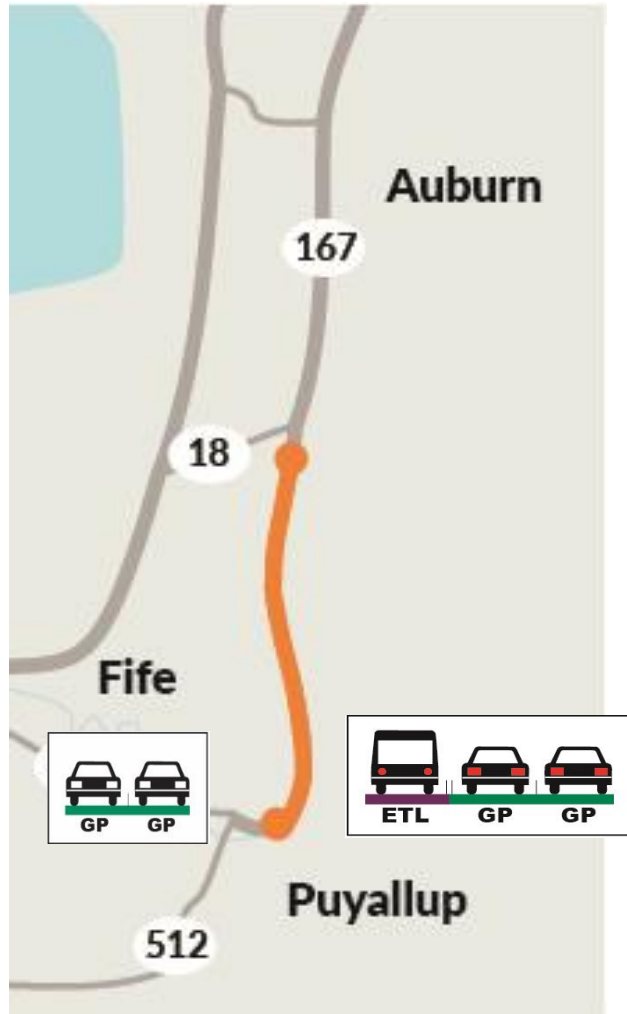
RTB Contract 2: NE 44th Street direct access ramp and transit station



RTB Contract 2: 112th Avenue SE interchange



Northbound SR 167 Express Toll Lane Extension



Project Scope

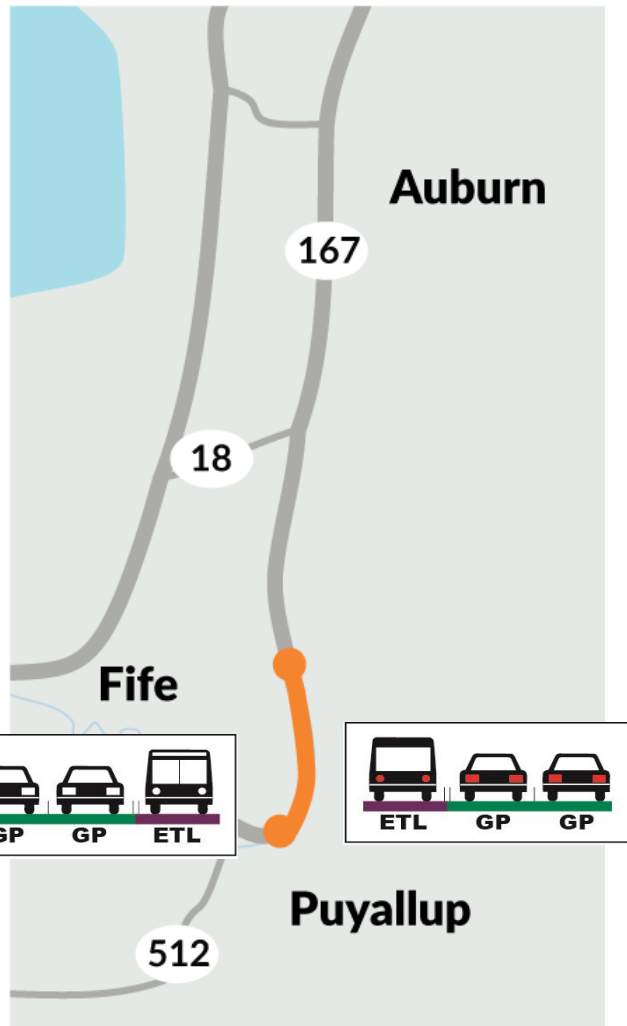
- **Project 1:** Builds HOV lane from SR 410/SR 512 to SR 18
- **Project 2:** Completes ETL system by converting HOV lane to ETL

Total Budget: \$49M total; \$20M from toll revenue

Project Schedule

| 2019 | 2020 | 2021 | 2022 | 2023 |
|------|-------------|------------------|------------------|------|
| | PE, ENV, RW | HOV Construction | ETL Construction | |

Southbound SR 167 Express Toll Lane Extension



Project Scope

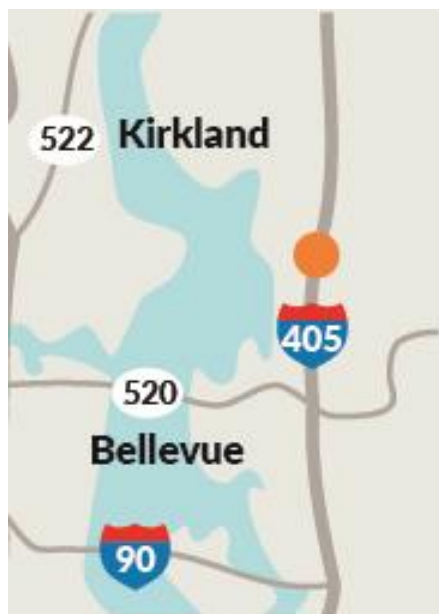
- Extends the SR 167 ETL lane between the SR 410/SR 512 interchange and Jovita Blvd

Total Budget: \$80M from toll revenue

Project Schedule



I-405/NE 85th Street Interchange and Inline BRT Station Project



BRT elements

Inline station at
NE 85th Street

Project Scope

- Builds an inline bus rapid transit (BRT) station at 85th Street to serve Sound Transit's BRT
- Builds direct access ramps to the I-405 Express Toll Lanes

Completion
needed for
ST BRT

Total Budget: Approx. \$200m
construction

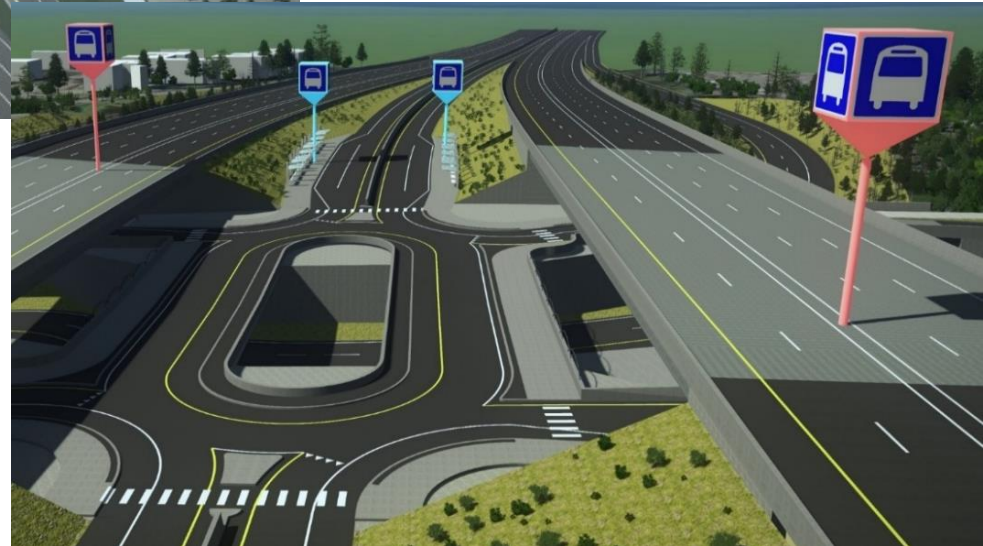
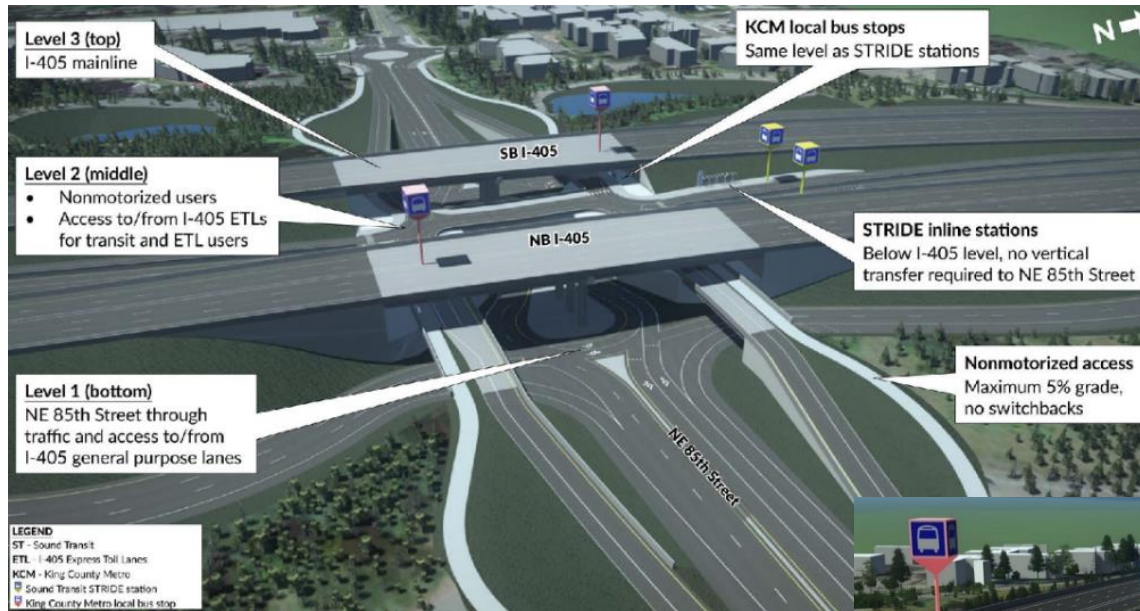
contract funded by Sound Transit

Project Schedule



SOUNDTRANSIT
Scheduled opening
of I-405 Bus Rapid Transit

I-405/NE 85th Street Interchange and Inline BRT Station Project



Separated transit interchange concept



I-405/NE 132nd Street Interchange Project



Project Scope

- Builds a half-diamond interchange including northbound on-ramp and southbound off-ramp at Northeast 132nd Street in Kirkland
- Project includes fish barrier correction

Total Budget: \$75M from Connecting Washington

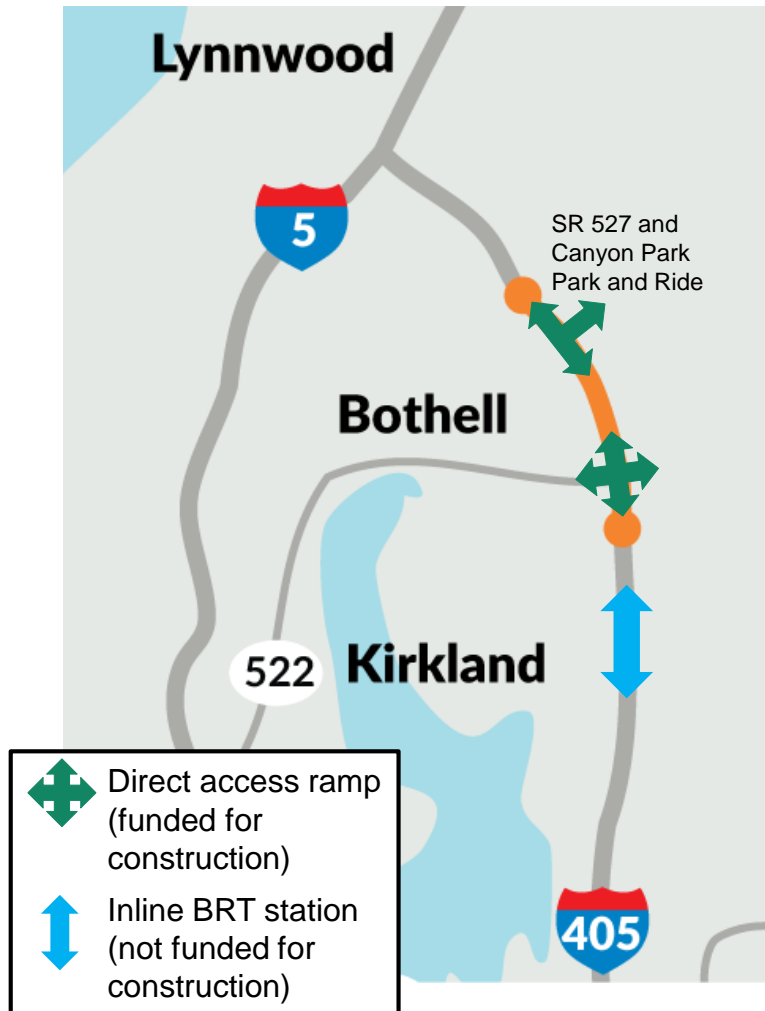
Project Schedule

| 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|-----------------|------|------|------|--------------|------|------|
| Design, ENV, RW | | | | Construction | | |

I-405/NE 132nd Street Interchange Project



I-405, SR 522 Vicinity to SR 527 ETL Improvement Project



Project Scope

- Builds one new ETL in each direction between south of SR 522 and SR 527
- Builds direct access ramps at the SR 522 and SR 527 interchanges
- Additional scope: conceptual engineering for inline BRT Station at 160th Street (funded by Sound Transit)
- Additional capacity improvements in four areas

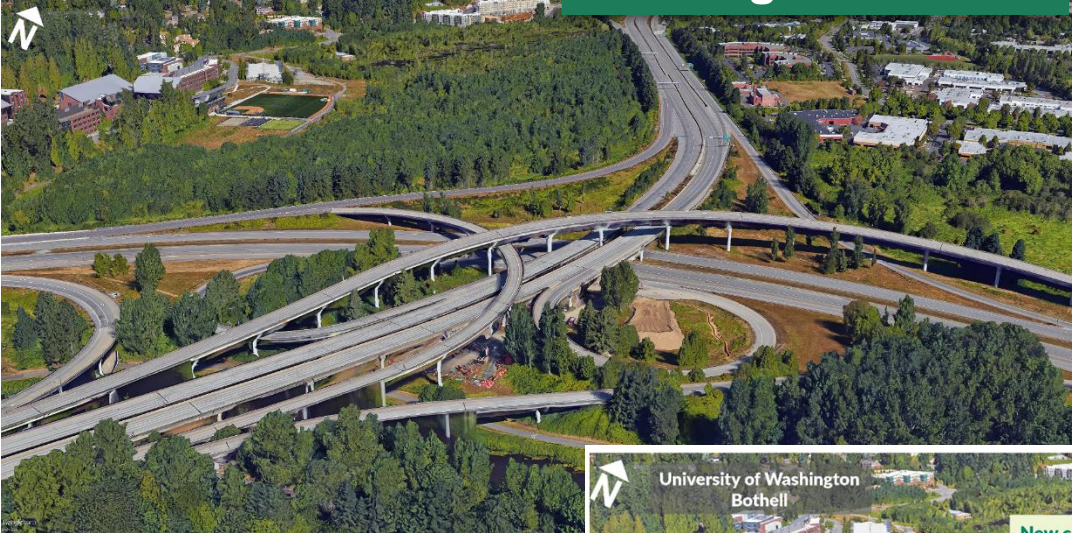
Total Budget: \$640M total

Project Schedule

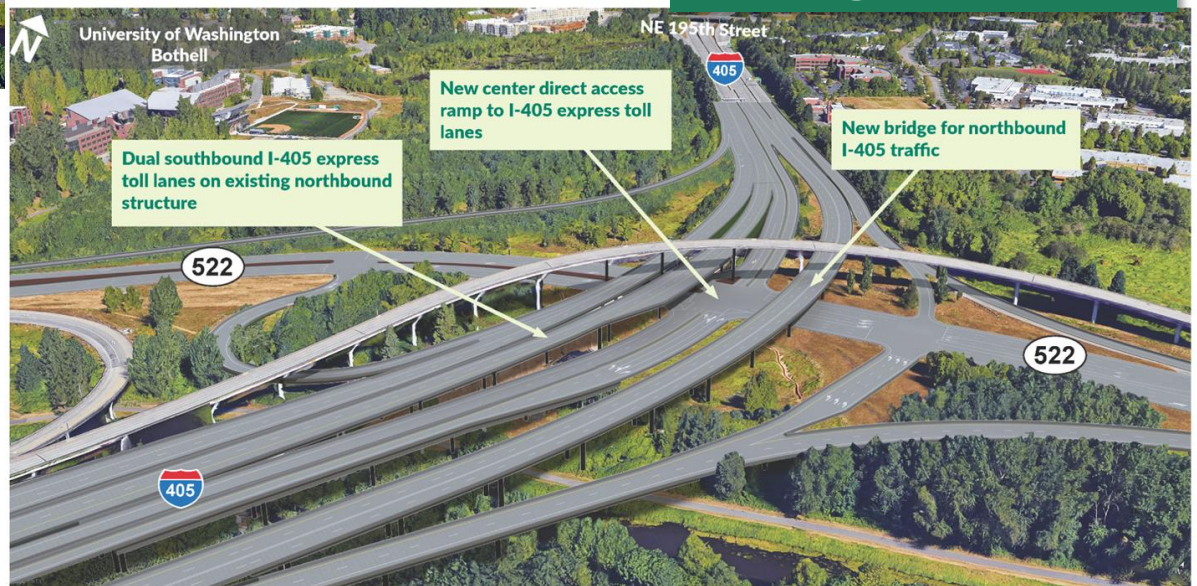


SR 522 interchange

Existing Conditions



Design Concept



Direct access progress

Funded for construction

Not fully funded for construction



Direct access ramp



Inline BRT station



Direct connector flyover ramp



Direct access ramp



Inline BRT station



Refined project performance comparison Lynnwood to Bellevue

AM Peak hour travel times to Bellevue



ST Express (existing)

57 MIN

ST3 representative project

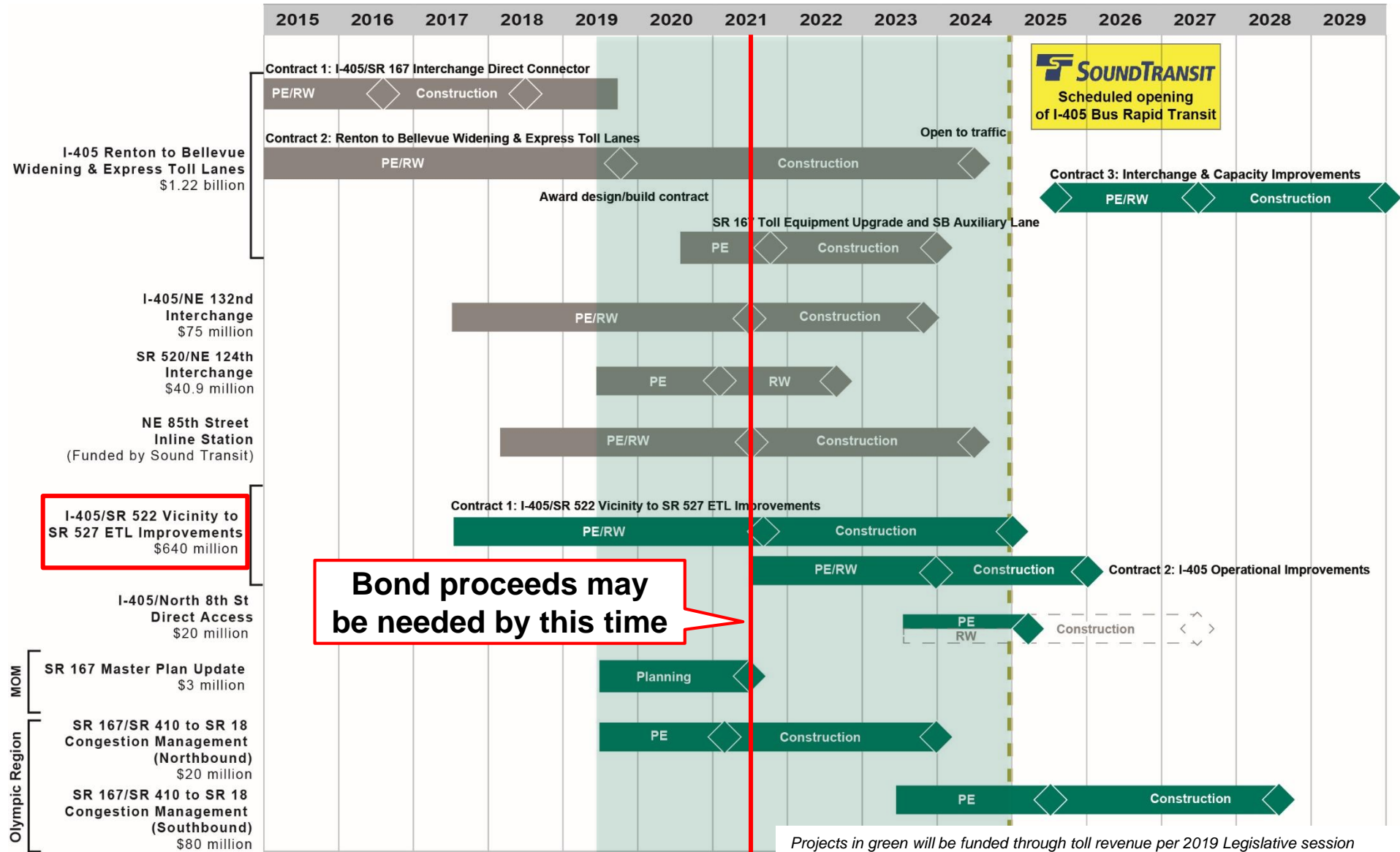
50-55 MIN

I-405 BRT proposed refined project

46-51 MIN

I-405 BRT with express toll lanes 33-38 MIN

Projects Funded in 2019 Legislative Session



I-405 Master Plan: Multimodal and making progress

Park and Ride expansions
138% complete or funded



Transit center expansions
70% complete



Bus Rapid Transit stations
91% complete or funded



Local arterial improvements
50% complete



Add 2 lanes in each direction
55% complete or funded



Transit service increase
62% complete or anticipated



Direct Access and Direct Connectors
35% complete or funded



Vanpool service increase
40% complete



Pedestrian/bicycle improvements
65% complete or funded



SR 520/124th Avenue NE Interchange Project

Project description:

- Builds a new on-ramp to eastbound SR 520 and a new off-ramp from westbound SR 520 at 124th Avenue Northeast
- Improves access to the developing Spring District, medical district, and downtown Bellevue
- Upgrades the existing bike path along westbound SR 520

Status:

- \$40.9 million **funded** for engineering and right of way
- \$235 million **unfunded** for construction (2013 estimate)
- Funding for engineering available beginning July 2019



Master Plan elements in Bellevue

Direct connector ramps

- SR 520 HOV to I-405 express toll lanes
- I-90 HOV to I-405 express toll lanes

New general purpose ramps

- Braided ramps from westbound SR 520 to southbound I-405 and southbound I-405 to NE 10th Street
- On-ramp from 116th Avenue NE/Lake Hills Connector to southbound I-405
- SR 520/124th Ave NE interchange completion



Questions?

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