

Puget Sound Gateway Program

SR 509 Completion Project

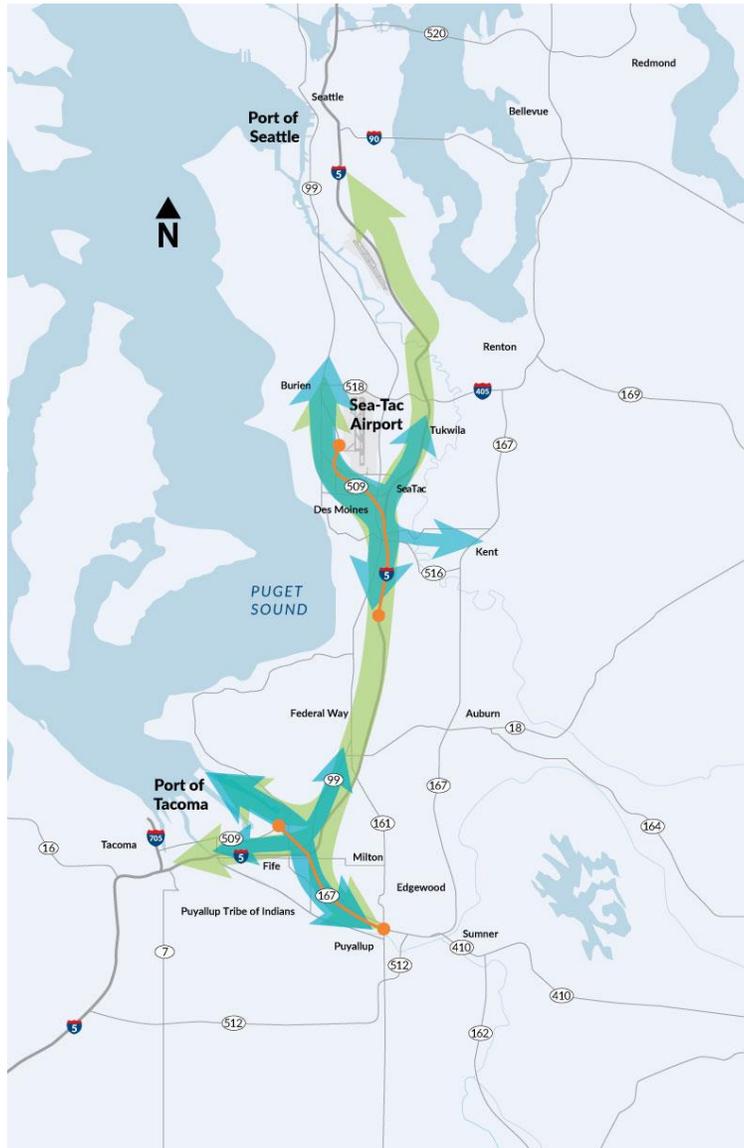
Highline Forum

November 18, 2020

SUSAN EVERETT, PE

SR 509 PROJECT MANAGER

Puget Sound Gateway Program



The **Puget Sound Gateway Program** is composed of two projects: the completion of SR 167 in Pierce County, and the completion of SR 509 in King County.

- Essential connections to the ports of Tacoma and Seattle
- Ensure people and goods move more reliably through the Puget Sound region
- Enhance the state's economic competitiveness by connecting the state's largest ports to key distribution centers

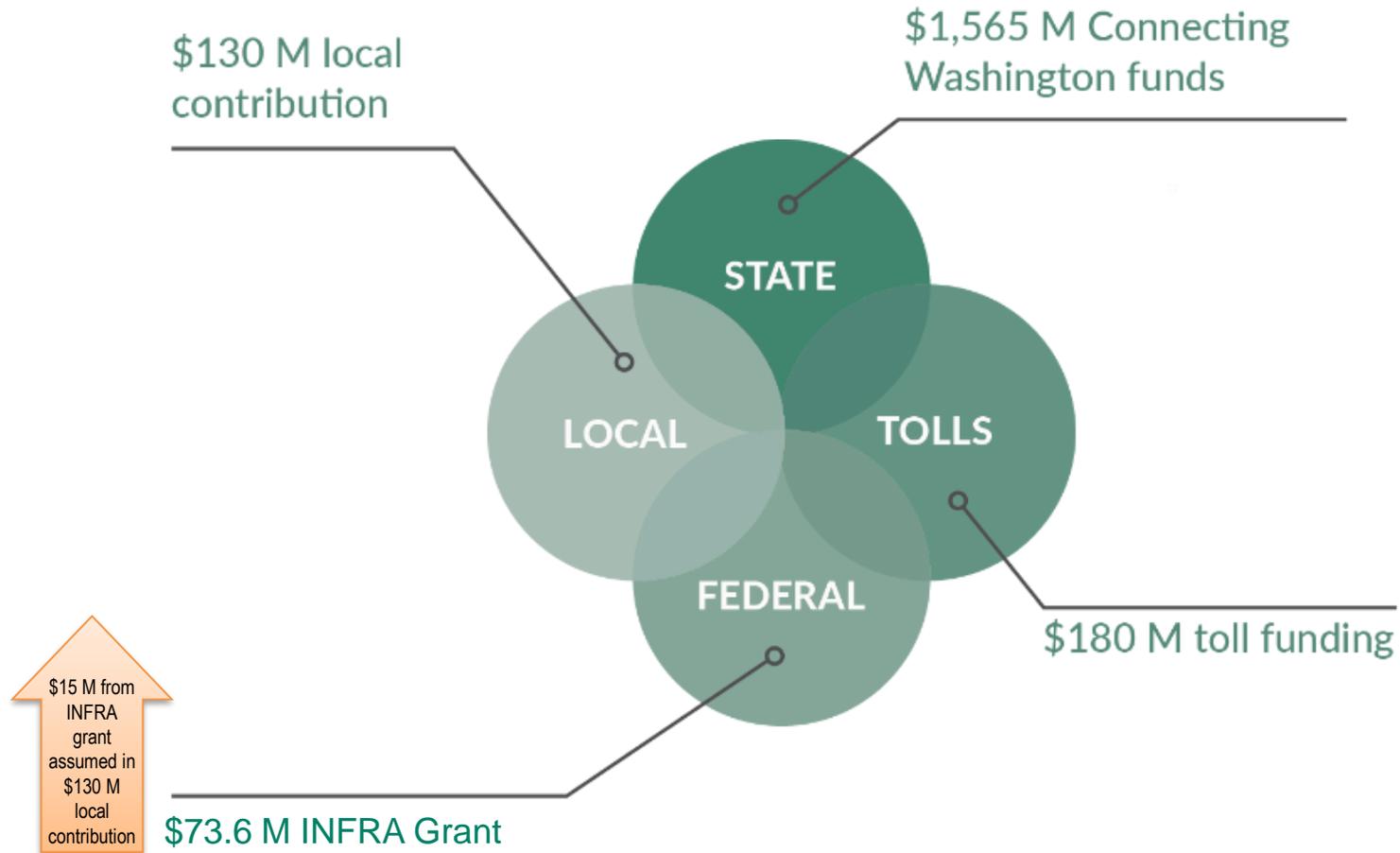
Delivering the projects under one program will allow WSDOT to realize efficiencies in planning, environmental review, design, and construction.

Puget Sound Gateway Program Benefits

- Improve freight mobility and connections to the ports of Seattle and Tacoma
- Support a strong regional and state economy through increased accessibility and improved movements that reduce travel times between the manufacturing and industrial centers and the ports
- Allow for a new south access point to Sea-Tac Airport
- Create important alternatives to I-5
- Reduce congestion on local roads
- Provide sustainable congestion management through tolling



Puget Sound Gateway Program Funding Spheres



Tolling

When will tolling begin?

- The State Legislature authorized tolling in 2019
- The Washington State Transportation Commission will set toll rates closer to project completion (2023-2024)
- Tolling is scheduled to begin as stages of the project are completed (as early as 2025)

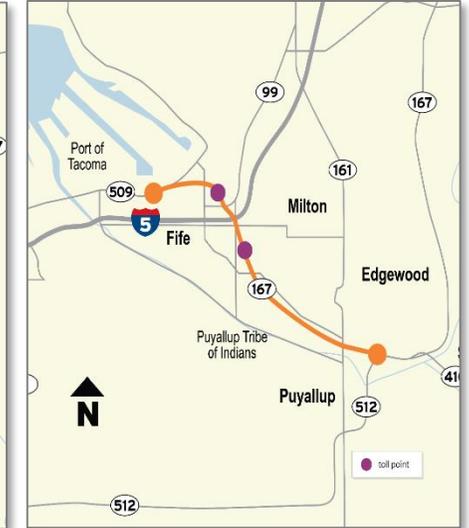
How will tolling work?

- All new lanes are tolled
- WSDOT will collect all tolls electronically
- Toll rates will vary by time of day

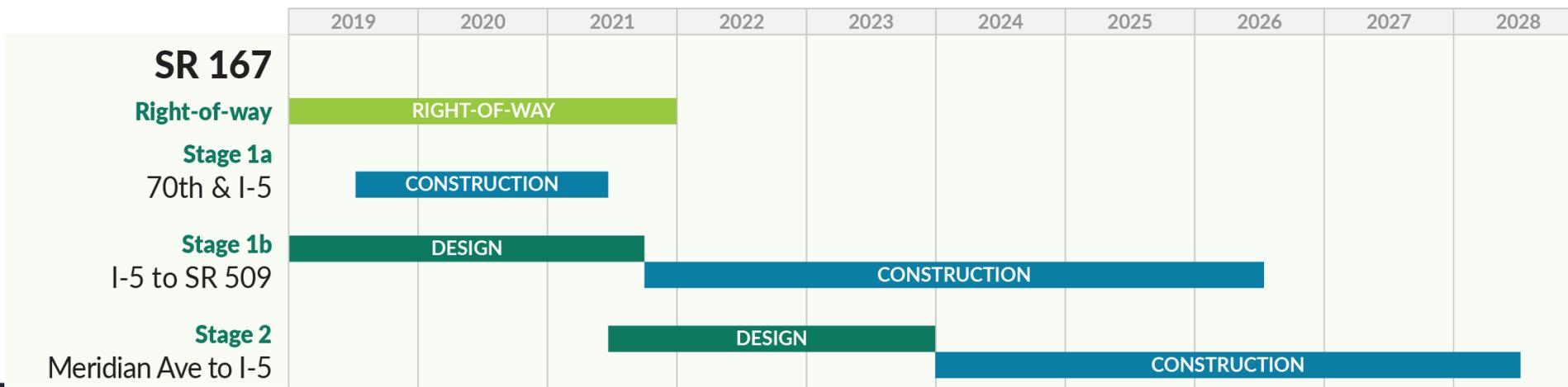
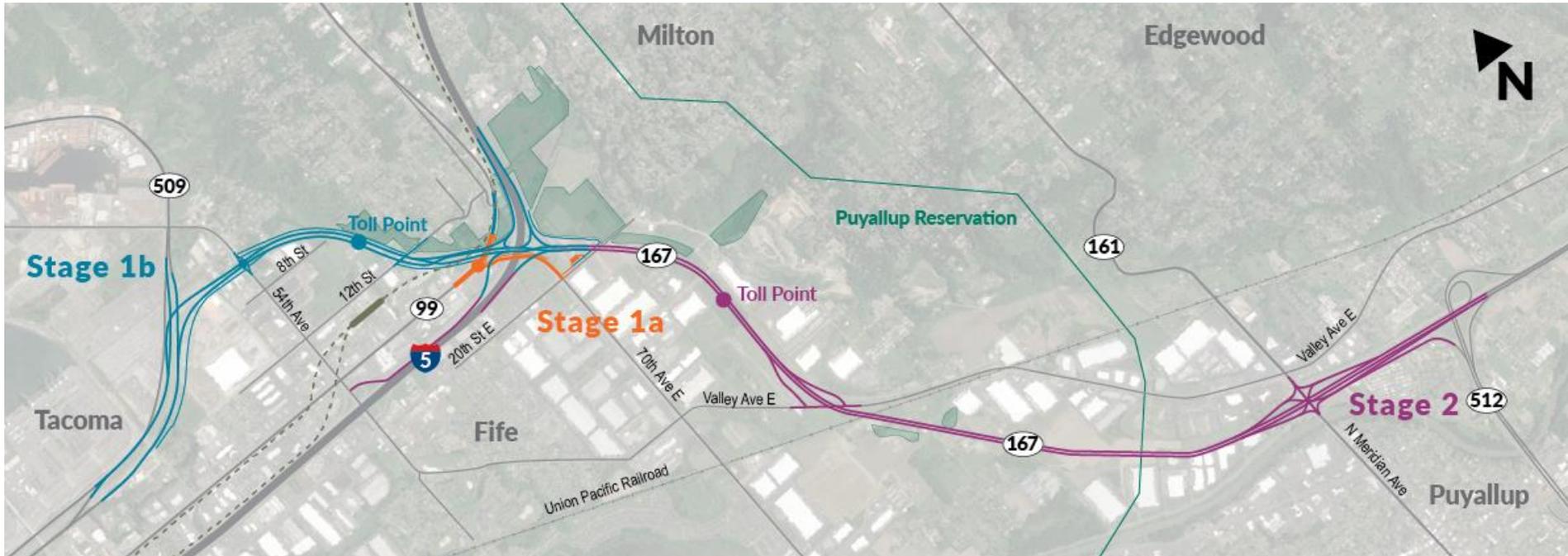
SR 509



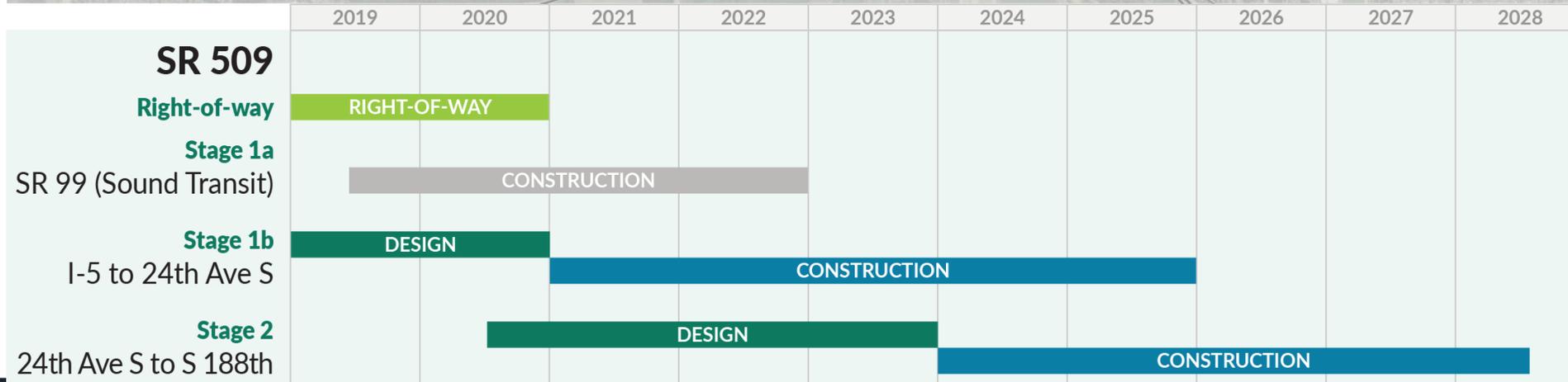
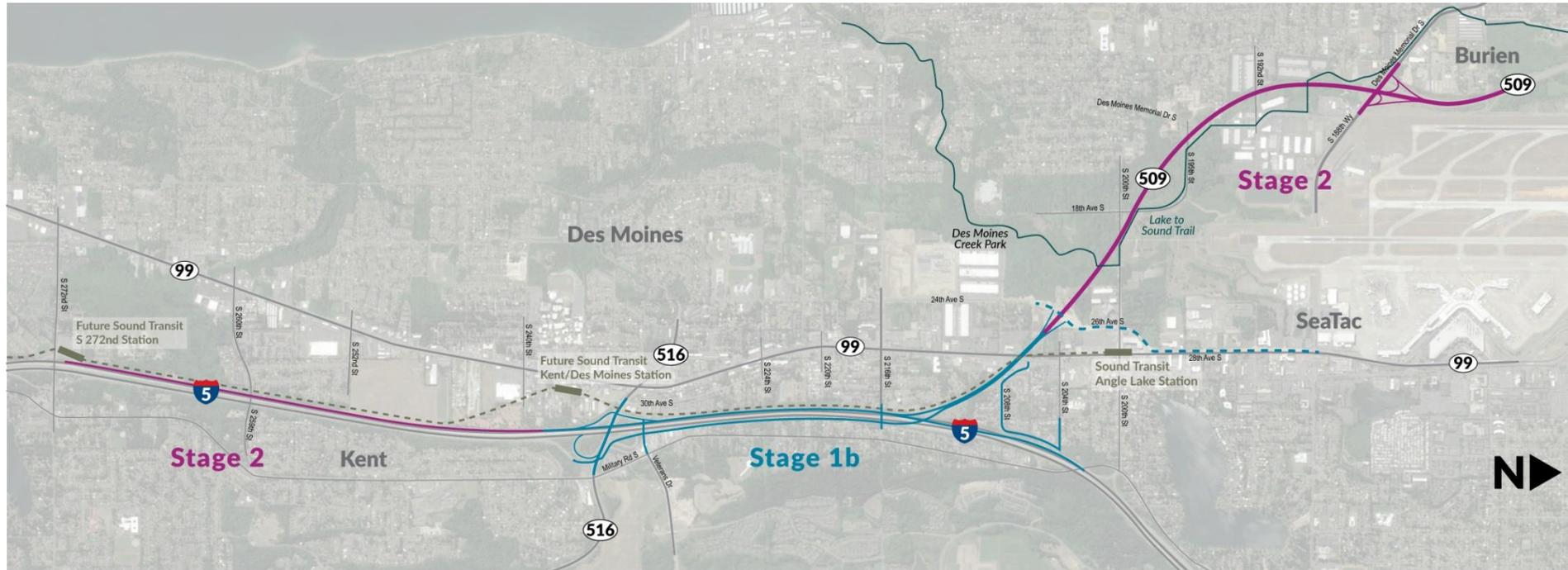
SR 167



SR 167 Completion Project – Phase 1



SR 509 Construction Project – Phase 1



SR 509 Update

- SR 509 Stage 1a under construction
 - Construction agreement with Sound Transit's Federal Way Link Extension project will build the SR 99 Bridge and retaining walls along I-5
 - Coordinating on noise walls and drainage
 - Working with Sound Transit and Seattle Public Utilities on Midway Landfill
- SR 509 I-5 to 24th Ave S (Stage 1b)
 - RFP issued May 12
 - Three contractors submitted proposals October 8
 - Design-build contractor selection scheduled for December 2
 - Notice to proceed scheduled for January 13

Stage 1a: Sound Transit coordination

- Sound Transit is building the SR 99 Bridge
- SR 99 traffic starts using bypass in December/January, while bridge is being built



SR 509, I-5 to 24th Avenue South (Stage 1b)

24th/28th Street - Today



S 24th/28th Street - Future



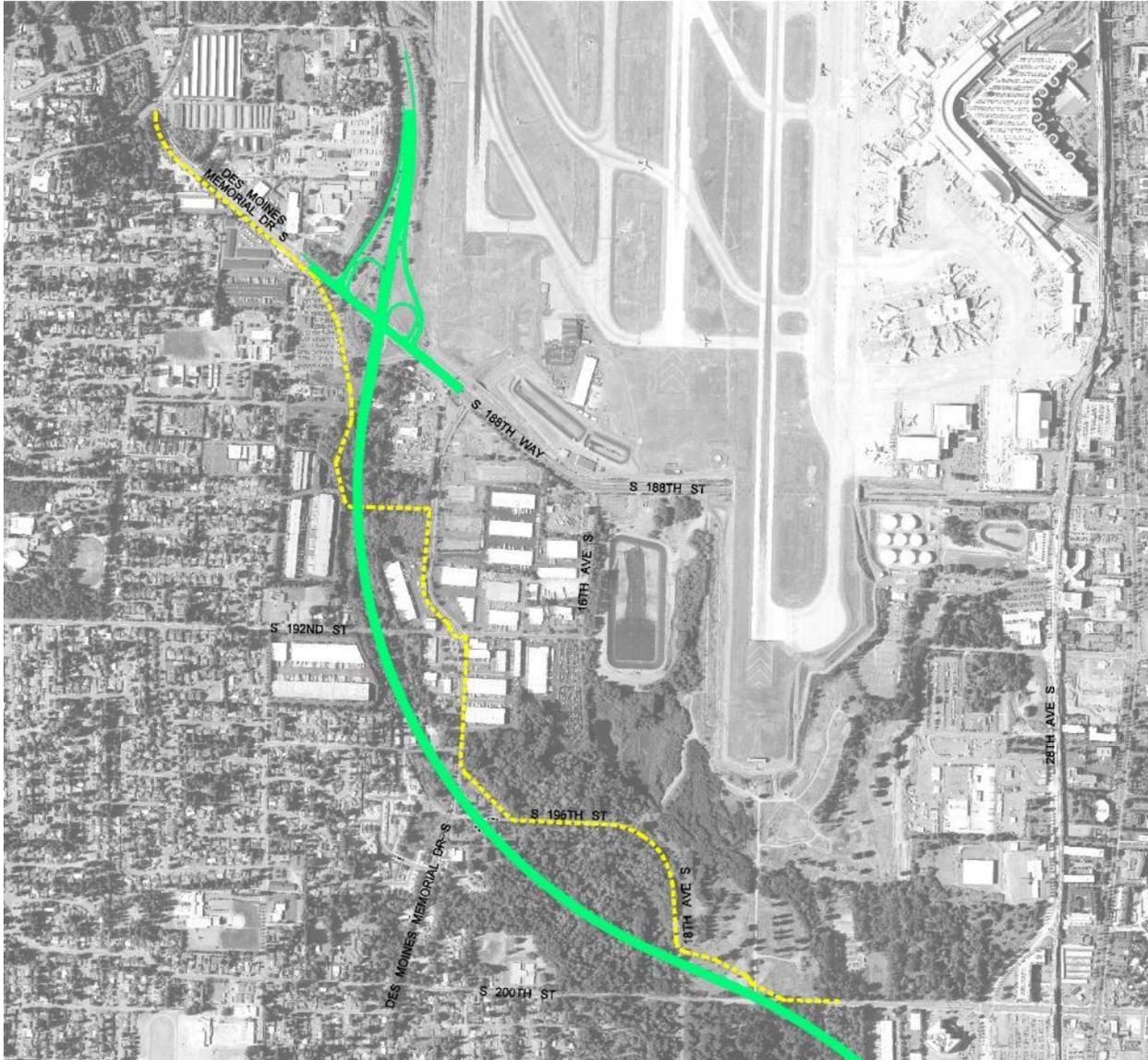
SR 516 Interchange - Today



SR 516 Interchange - Future



Lake to Sound Trail



- King County Parks will begin construction this year
- WSDOT is funding 1.8 miles (out of 2.2) of new trail
- Funding amount is about \$10 million plus wetland mitigation credits

SR 509, 24th Avenue South to South 188th Street (Stage 2)

S 188th Street - Today



S 188th Street - Future



S 272nd Street - Today



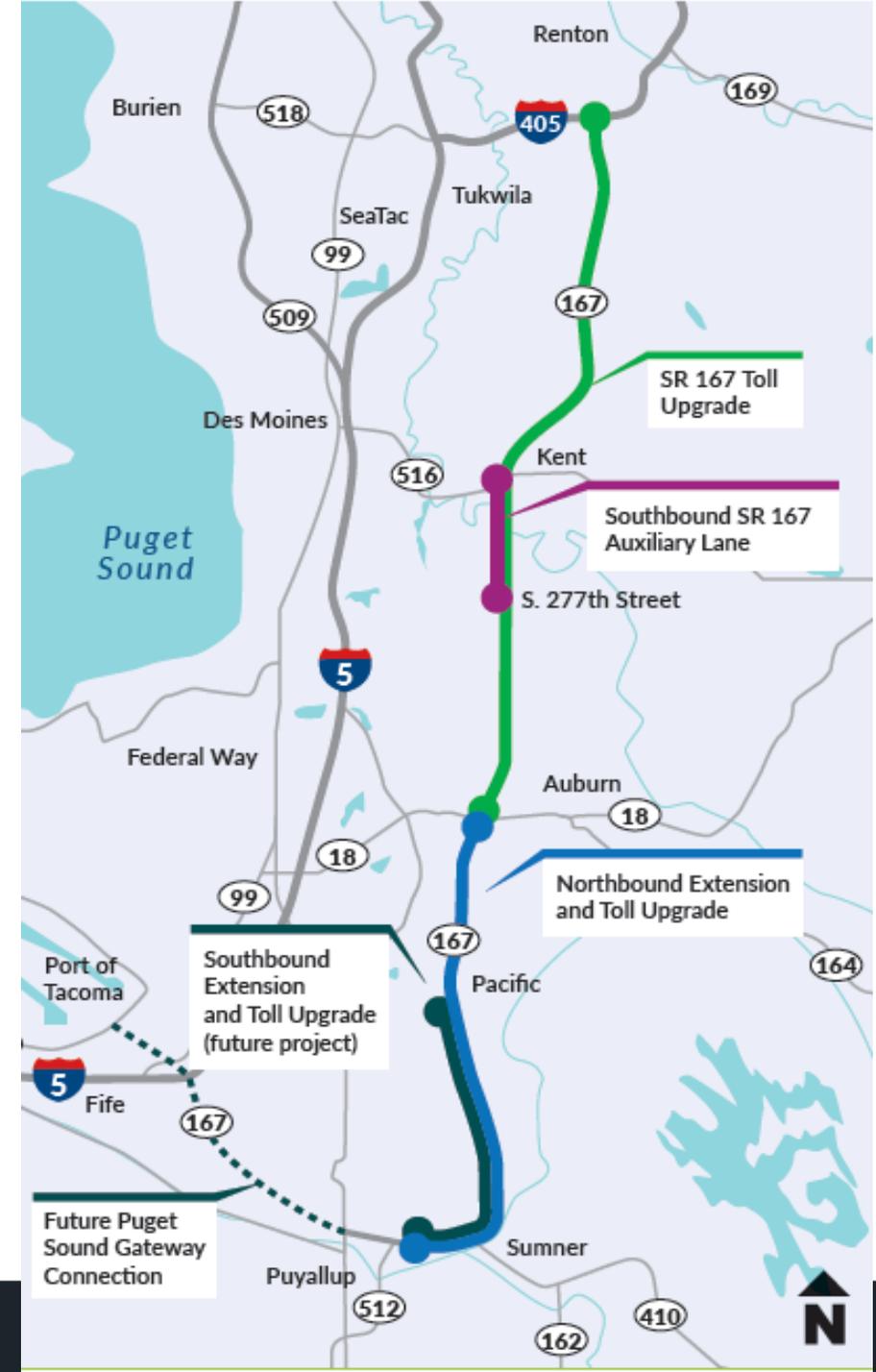
S 272nd Street - Future



Other Projects

SR 167 vicinity projects

- **SR 167 Corridor Improvement Projects**
 - SR 167 Toll Upgrade
 - SR 167/SR 516 to S 277th St – Southbound Aux Lane
- Northbound Extension and Toll Upgrade
- Southbound Extension and Toll Upgrade
- SR 167 Master Plan Update
- Puget Sound Gateway Connection



SR 18 Corridor Study

- WSDOT finalized Planning Study in November 2019 and published in May 2020
- WSDOT collaborated with City of SeaTac, Tukwila, Burien, King County Metro, Port of Seattle and Sound Transit
- Recommendations for near term, intermediate and long-term solutions
- None of the recommendations are currently funded

<https://wsdot.wa.gov/sites/default/files/2020/05/28/SR518-CorridorStudy-Report.pdf>



Other nearby maintenance projects

The following projects require multiple weekend lane closures and one weekend full closure

- Southbound I-5 Spokane Street to West Seattle Bridge Panel Replacement
- Northbound I-5 Seneca Street Panel Replacement
- I-5 federal Way to Bellingham Spot Panel Replacement
- SB I-5 Spokane Street to I-90 Ramp Deck Overlay and Expansion Joint Replacement

Questions?

More information:

www.wsdot.wa.gov/Projects/SR509/completion

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Additional Information on I-405/SR 167 Projects if needed

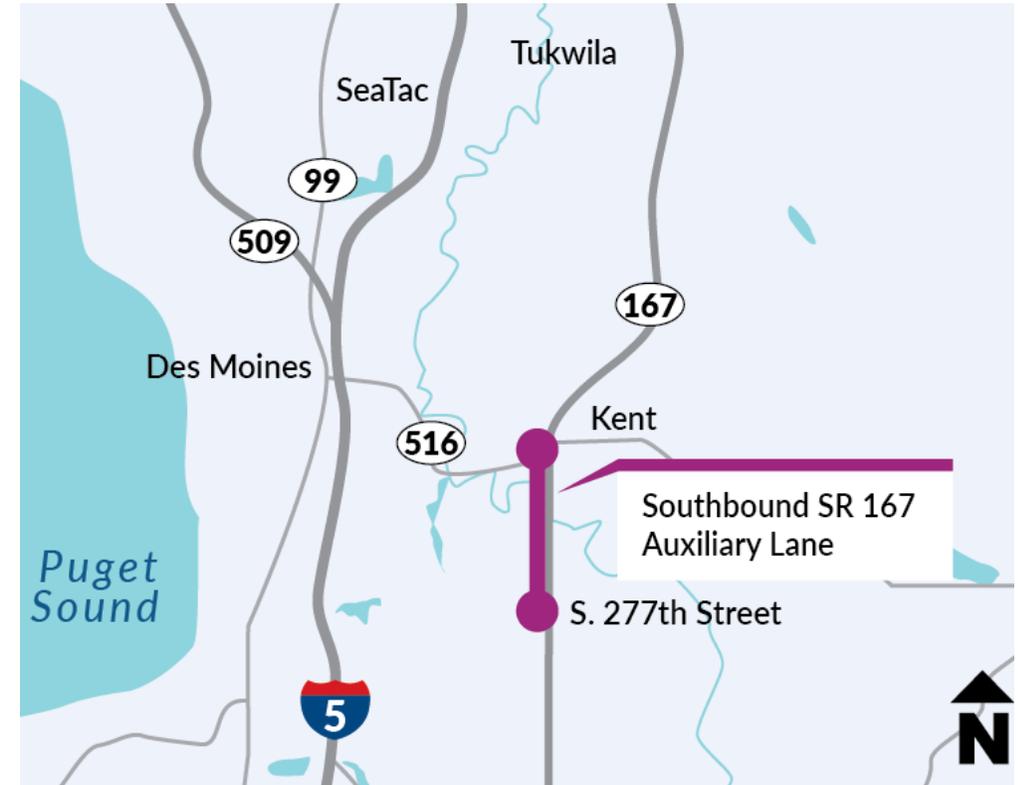
SR 167 Toll Upgrade Project

Project Scope

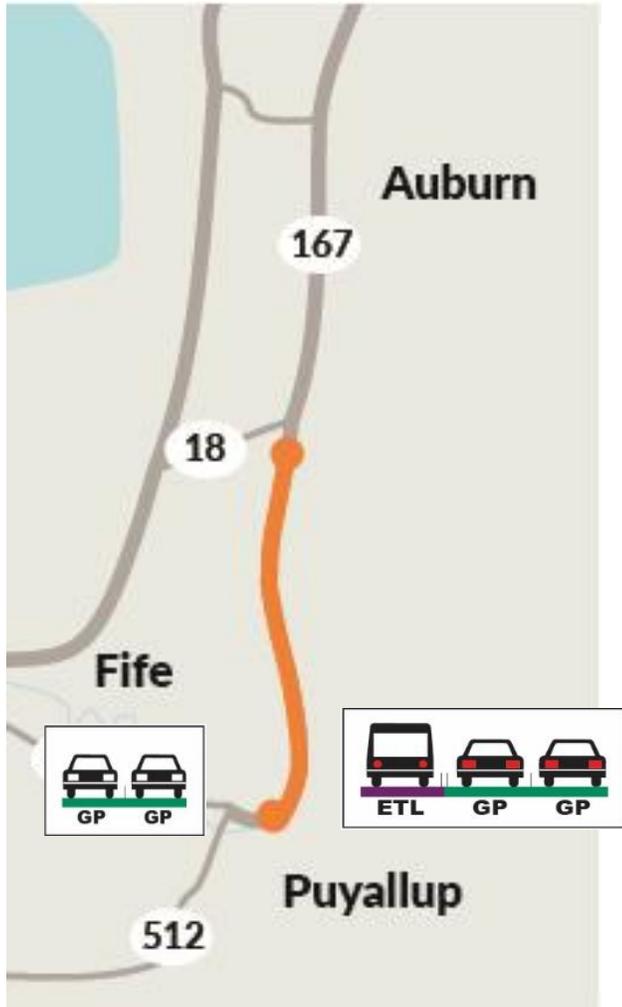
- Updates the SR 167 toll system for consistency with I-405 ETLs by adding:
 - New toll points and toll rate signs for destination-based tolling
 - Photo tolling equipment to allow customers more payment options, such as Pay By Plate and Pay By Mail
 - Double white buffer striping in select areas to optimize system performance

SR 167/SR 516 to S 277th St – Southbound Aux Lane

- New SR 167 southbound auxiliary lane between SR 516 and S 277th Street in Kent
 - Creates approximately one mile of new general-purpose capacity within existing roadway



Northbound SR 167 Express Toll Lane Extension



Project Scope

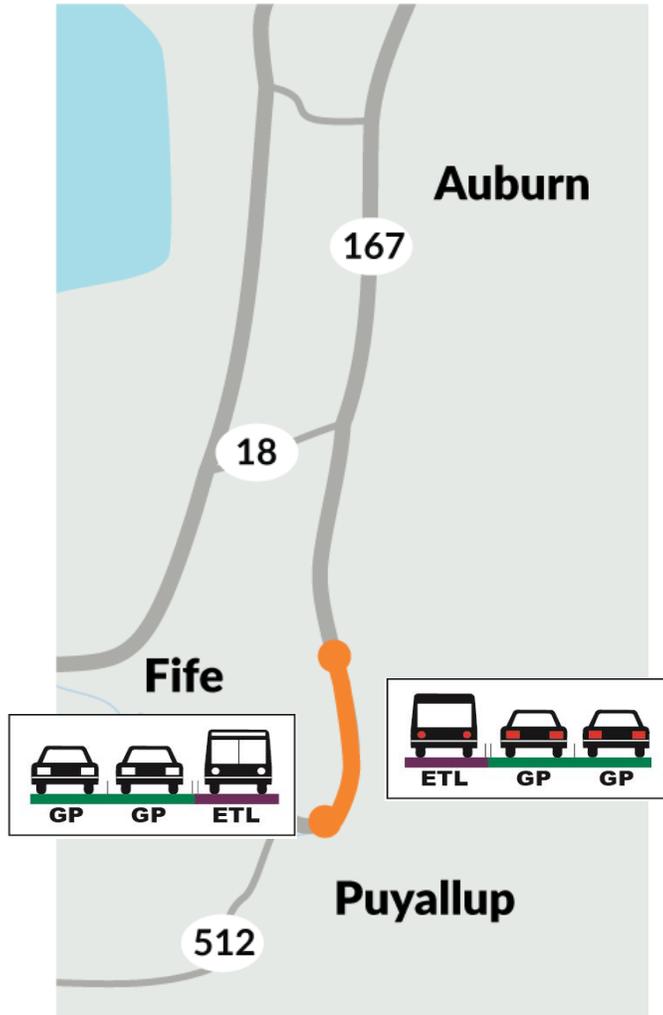
- **Project 1:** Builds HOV lane from SR 410/ SR 512 to SR 18
- **Project 2:** Completes ETL system by converting HOV lane to ETL

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

Pre-COVID-19 Project Schedule:



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

Pre-COVID-19 Project Schedule:

