Puget Sound Gateway Program
SR 509 Completion Project

Highline Forum Update
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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

$130 M local contribution

$1,565 M Connecting Washington funds

$180 M toll funding

INFRA Grant
Local Funding Memorandum Of Understanding – Accomplished

Tolling

How will tolling work?
- All new lanes will be tolled
- All electronic tolling
- Toll rates vary by time of day

When will tolling begin?
- Tolling is scheduled to begin as stages of the project are completed (as early as 2025)
- The Washington State Transportation Commission will set toll rates closer to project completion (2023-2024)
- The State Legislature must authorize tolls before tolling can begin
Federal USDOT INFRA Grants – Last Cycle

**Construction & Implementation Plan**
**SR 509 Phase 1 Construction Stages**

- **Stage 1a** (built by Sound Transit):
  - Builds new SR 99 Bridge
  - Builds retaining walls along I-5 between the guideway and the southbound collector/distributor.

- **Stage 1b**:
  - Reconstructs the SR 516 interchange including the connection to Veterans Drive
  - Reconstructs the S. 216th Street Bridge
  - Builds new northbound I-5 auxiliary lane, southbound I-5 collector/distributor
  - Installs toll point at S. 210th Street vicinity
  - Builds two lanes in each direction between 28th/24th Avenue S. and the connection to I-5
SR 509 Phase 1 Construction Stages

- **Stage 2:**
  - Builds two lanes in each direction between 28th/24th Ave S. and S. 188th Street
  - Builds folded diamond interchange at S. 188th Street
  - Builds southbound auxiliary lanes between SR 516 and S. 272nd Street

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Funding Constrained Baseline Sources & Uses

- Capital expenditures timed to match legislative funding
- Incorporates latest June 2018 inflation indices
- Funding gap shown in FY 2031, anticipated to be filled with future federal contribution
- Stage 2 open to traffic with tolling in January 2031 (mid FY 2031)
Construction Cost Index

Schedule Acceleration
Financial & Economic Benefits of Acceleration

Funding Constrained Baseline

$1.083 B Program Cost

Case 1: Modest Acceleration
- $728 M Inflation Cost Savings
- $106 M Additional Toll Revenues
- 22 M Person-Hours Saved
- 179 M VMT Saved
- $611 M in Economic Net Benefits, with NPV of $179 M

Case 2: Medium Acceleration
- $483 M Inflation Cost Savings
- $159 M Additional Toll Revenues
- 33 M Person-Hours Saved
- 271 M VMT Saved
- $893 M in Economic Net Benefits, with NPV of $275 M

Case 3: Maximum Acceleration
- $90 M In Inflation Cost Savings
- $266 M in Additional Toll Revenues
- 65 M Person-Hours Saved
- 581 M VMT Saved
- $117 B in Economic Net Benefits, with NPV of $508 B

Calendar Year 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031

Delivery Period
- SR 509 Stage 1 Open
- SR 167 Stage 1 Open
- SR 509 Stage 2 Open
- SR 167 Stage 2 Open

Funding Constrained Baseline Expenditures by Project & Stage

Millions of Net Expenditure Dollars


SR 509 Stage 1
SR 167 Stage 1
SR 509 Stage 2
SR 167 Stage 2
Total Gateway Program
**Acceleration Case #1: Modest Acceleration Expenditures by Project & Stage**

![Graph showing Acceleration Case #1](image)

**Acceleration Case #2: Medium Acceleration Expenditures by Project & Stage**

![Graph showing Acceleration Case #2](image)
Community Outreach

- Stakeholder engagement: Executive and Steering Committee meetings
- SR 509 online open house
- Attended over 15 events, fairs and festivals this past summer
- Conducted over 30 briefings and presentations

What's next?
- Executive and Steering Committee meetings
  - November and December
- Ongoing briefings and presentations
- S. 216th Bridge outreach
More information:

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