

# SR 167 & SR 509 Extension Toll Study Update

**Paula J. Hammond, P.E.**  
Secretary

**David L. Dye, P.E.**  
Deputy Secretary

**Steve Reinmuth**  
Chief of Staff

**Craig Stone**  
Toll Division Director

**Shuming Yan**  
UPO Deputy Director

**Washington State Transportation Commission**  
December 13, 2011

# Agenda

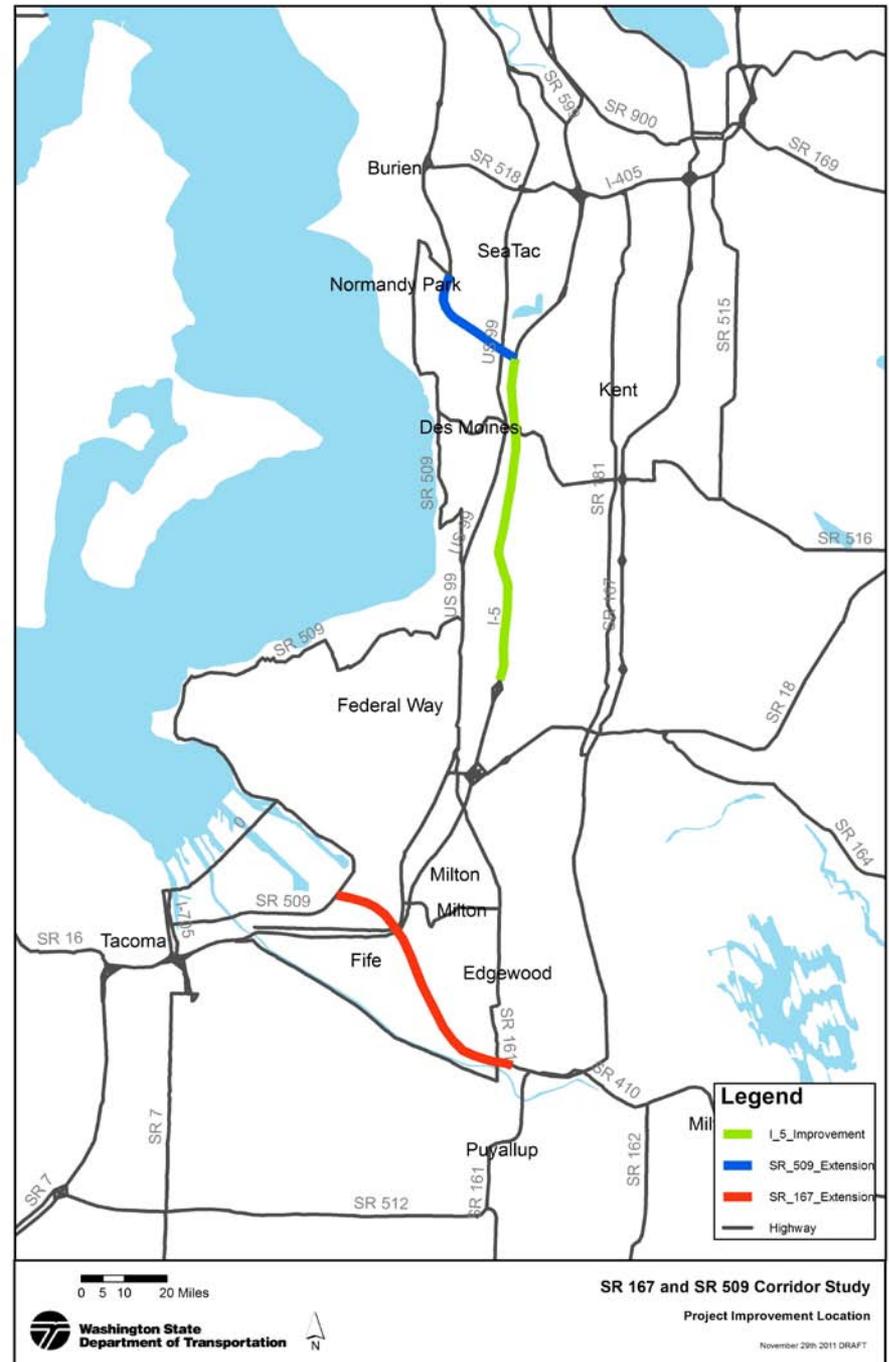
- Why study tolling on SR 167 and SR 509?
- Update on achievements
- I-5 HOV to Express Toll Lane conversion
- Next steps

# Why Study Tolling on SR 167 and SR 509?

- **2011 legislative proviso:** \$1m is provided “solely for the department to continue work on a comprehensive tolling study of SR 167 corridor. As funding allows, the department shall also continue work on a comprehensive tolling study of SR 509 corridor.”
- WSDOT applied and awarded a TRB grant (\$324,000) to further SR 509 work.
- Both projects are considered high priority projects by the public and local jurisdictions.

# The Projects

- The full build for both projects include 2 GP and 1 HOV each direction, system-to-system I-5 I/C, local access I/Cs
- Both have gone through EIS and secured Record of Decision
- Both fill important missing link in the regional system
- Both were included in the failed RTID for funding
- Both have partial ROW acquired funded by Nickel and TPA.



# SR 167 Stakeholder Membership

- Pierce County: George Walk, **Chair**
- City of Tacoma: Kurtis Kingsolver
- Port of Tacoma: Brian Mannelly
- City of Puyallup: Marvin Cox
- City of Edgewood: Mark Bauer
- City of Milton: Letticia Neal
- City of Fife: Russ Blount
- City of Sumner: Bill Pugh
- City of Kent: Tim Laporte
- City of Auburn: Dennis Dowdy
- City of Pacific: Jay Bennett
- Pierce County Public Works: Gary Predoehl
- Pierce Transit: Janine Robinson
- Puyallup Tribe of Indians: Peter Mills
- Puyallup Tribe of Indians/MVV: Chad Wright
- WSDOT: Kevin Dayton
- PSRC: Sean Ardussi
- FHWA: Dean Moberg
- FMSIB: Karen Schmidt
- Tacoma-Pierce County Chamber: Tom Pierson
- South Sound Chambers of Commerce Legislative Coalition: Gary Nomensen

# SR 509 Stakeholder Membership

## Executive Committee Members:

- City of SeaTac: Rick Forschler, Council Member
- Port of Seattle: John Creighton, Port Commissioner
- City of Des Moines: David Kaplan, Mayor Pro Tem
- King County: Julia Patterson, Council Member
- City of Kent: Suzette Cook, Mayor
- WSDOT: Craig Stone, Toll Division Director

## Additional entities represented on the Steering Committee:

- City of Burien, Federal Way, and Normandy Park
- King County, PSRC, Sound Transit & FHWA
- Freight, business and citizen representatives

# Legislators Attendance at Stakeholder Meetings

## SR 167:

- Rep. Hans Zeiger
- Rep. Laurie Jinkins
- Rep. Cathy Dahlquist
- Rep. Connie Ladenburg
- Rep. Bruce Dammeier
- Rep. Mark Hargrove
- Sen. Steve Conway
- Sen. Debbie Regala
- Sen. Randi Becker
- Rep. Christopher Hurst \*\*  
(Caitlin Lopez, LA) Sen. Pam  
Roach \*\* (Cheryl Marshall, LA)

## SR 509:

- Sen. Margarita Prentice
- Rep. Dave Upthegrove

# Updated Assumptions Affecting Toll Funding Contributions

- Lowered value of time (VOT) assumptions
- Lowered growth forecasts
- Updated regional model

*These three factors lowered the daily gross revenue by two thirds.*

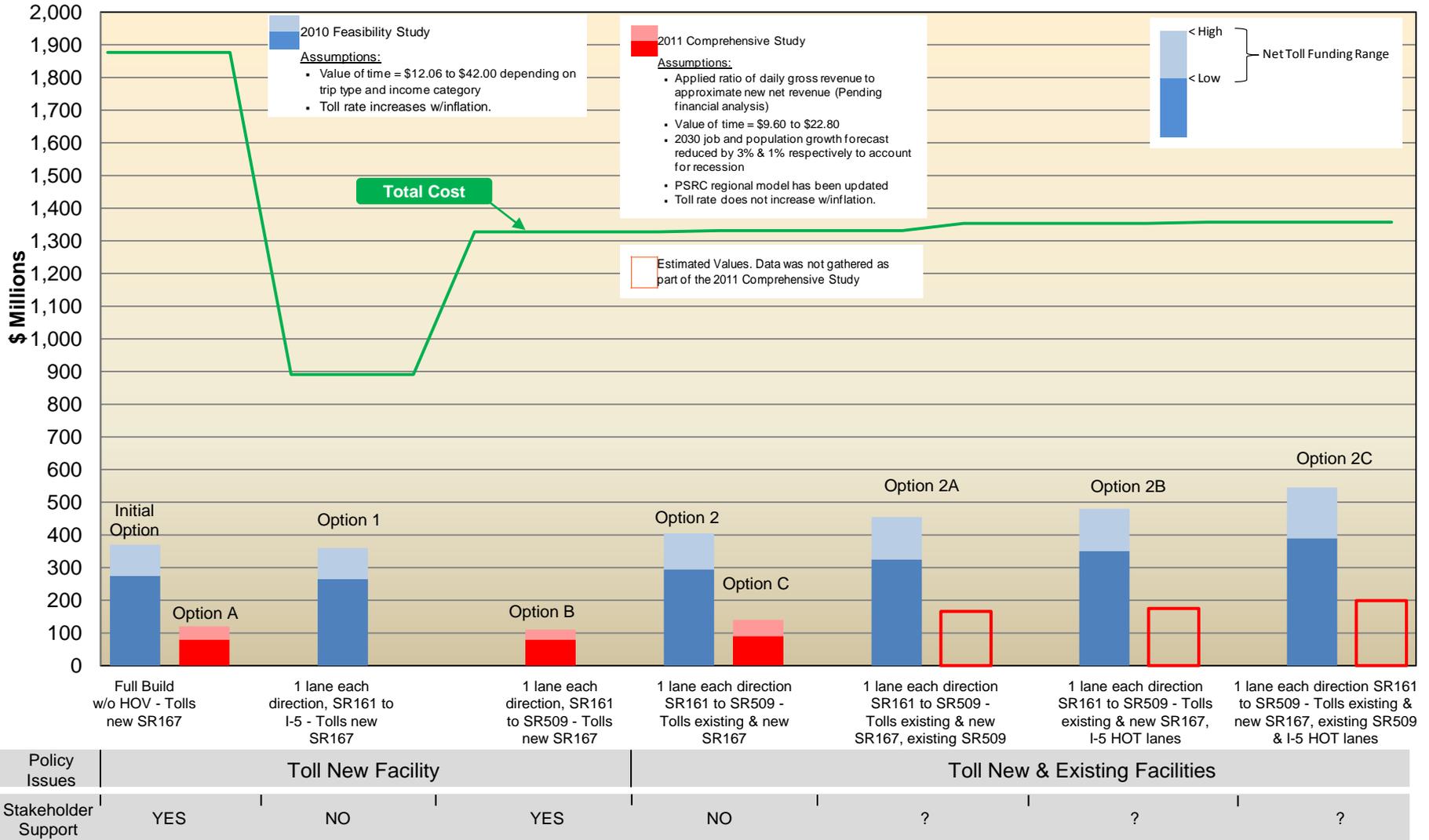
- Additionally, no escalation of toll rate to keep pace with inflation is expected to further lower the toll funding contribution.

# SR 167 Preliminary Preferred Phasing Plan

- One lane each direction on the east side of I-5 with all the interchanges
- One lane each direction on the west side of I-5 with auxiliary lane between 54<sup>th</sup> and I-5
- Buy all ROW

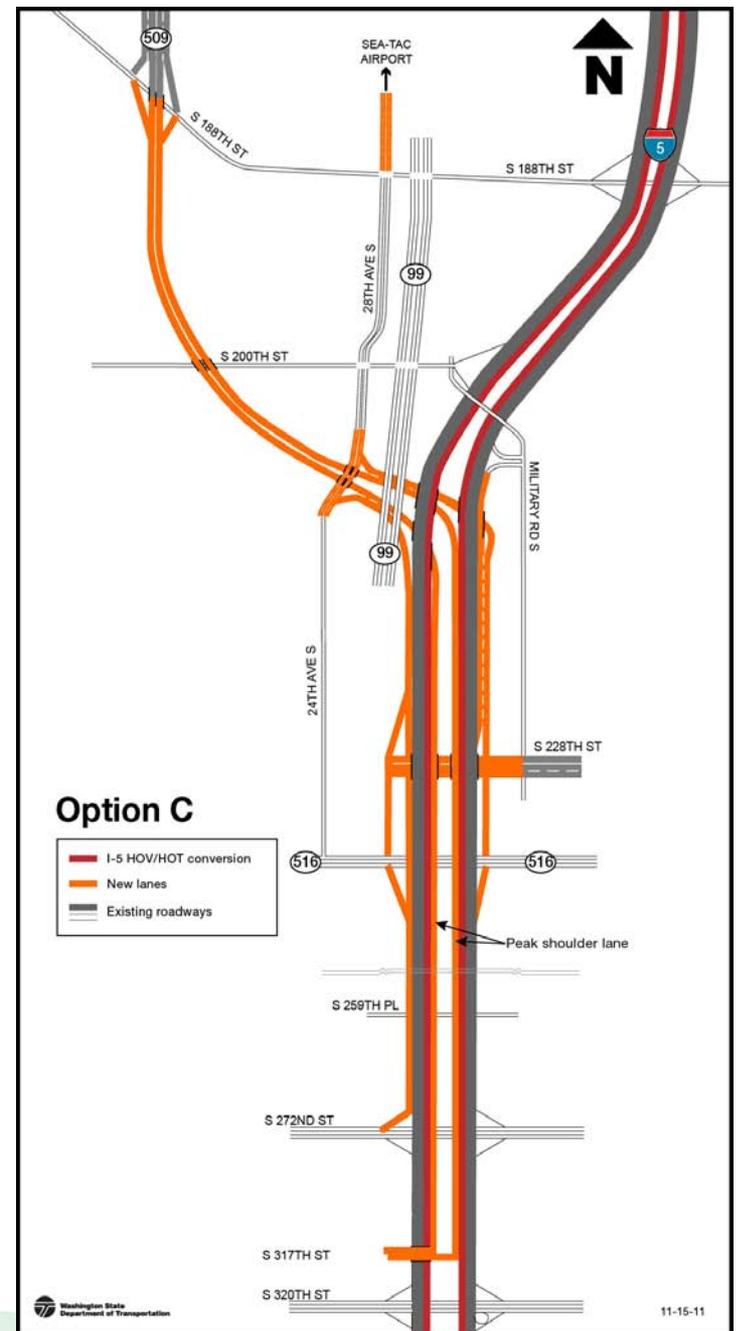


# SR 167: Anticipated Toll Funding Contribution

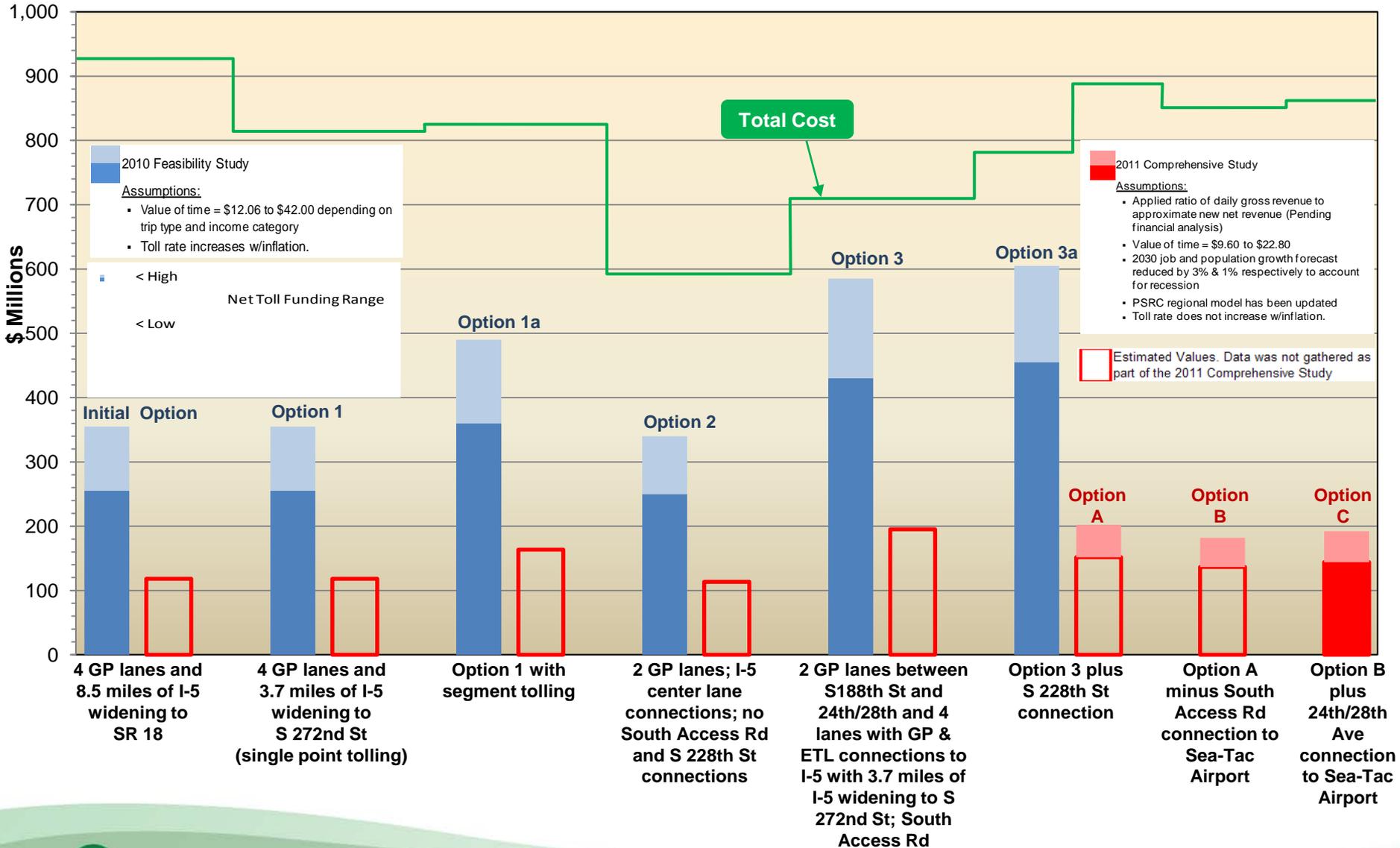


# About SR 509

- **Stakeholder Recommendation:**
  - SR 509: 1 lane/dir from 188th to 24/26th, 2 lanes/dir from 24<sup>th</sup>/26<sup>th</sup> to I-5
  - SR 509 access at 24/26<sup>th</sup>
  - SR 509 inside and outside access to I-5
  - I-5 access at 228<sup>th</sup>
  - I-5 converting HOV to express toll lanes
  - I-5 use of inside shoulders as express toll lanes in the peak periods
- **Cost: \$870m (YOE)**
- **More work is needed to develop optimum operation strategy for the I-5 portion of the project**



# SR 509: Anticipated Toll Funding Contribution



# Recap of Key Issues For SR 167 and 509

- Both projects are included in the draft WSDOT 10 year funding package.
- Significant funding from non toll sources is needed to implement Phase 1 as currently studied (SR 167 ~\$1.2b+, SR 509: ~\$700m+).
- Financial analysis is needed to gain a better understanding of toll funding contribution.
- SR 167: Has funding to conduct financial analysis, but expected amount of toll contribution from the current scenarios is making the effort questionable.
- SR 509: Funding contribution from tolling the extension alone is expected to be low. The percentage will be higher if revenue from I-5 Express Toll lanes is counted. Funding to do the financial analysis is tied to SR 167.

# Relationship to I-5 Express Toll Lane Analysis

- Separately, WSDOT is examining conceptual options for converting I-5 HOV lanes into express toll lanes funded by a federal value pricing grant.
- Express toll lanes are included in Moving Washington and Transportation 2040. They would serve transit, carpools and paid users subject to a dynamic toll that changes with traffic conditions.
- Express toll lanes would provide improved speed and reliability, and fuller use of capacity – while generating transportation revenues.
- Both single and dual-lane express toll facilities are being considered.
- WSDOT will examine and report on whether an express toll facility linking the two sections of SR 509, as well as SR 167, could complete the SR 509 connection and provide financing advantages.

# Next Steps

## **SR 167:**

- Further study traffic patterns, usage, and diversion through “meso-scopic” traffic model.
- Consider additional tolling options or phasing options in an effort to reduce the funding gap.
- Wait to perform financial analysis until efforts on the above are finished.

## **SR 509:**

- Perform financial analysis when SR 167 is ready.

## **Toll Policy Discussion:**

- Convert HOV lanes on I-5 to Express Toll Lanes is a major policy decision that requires further analysis and legislative action.

# Questions?

For more information on the SR 167 & SR 509 Extension  
Toll Study, please contact:

Craig Stone  
Director, Toll Division  
206-464-1222 or [stonec@wsdot.wa.gov](mailto:stonec@wsdot.wa.gov)