



District Projects in King County

SR 509 / I-5 Freight and Congestion Relief Project

Project Description

This project will help relieve I-5 congestion and help freight move in south King County by completing SR 509 as a six-lane freeway with HOV lanes between Interstate 5 and S. 188th Street in SeaTac. This project will also construct 6 miles of improvements on Interstate 5 from S. 320th in Federal Way to South 200th and connects SeaTac International Airport's South Access Expressway to SR 509 and Interstate 5. Dramatic water quality improvements will occur in the Des Moines Creek Basin. The RTID investment coupled with state funding from the nickel package completes this project.

Lead Agency: WSDOT

Location



Schedule*

Phase	Year
Design & RW	2003-2011
Construction.	2004-2013

Funding

Source	Y.O.E. \$	2004 \$
District	\$900,000	\$775,056
State	\$35,000	\$34,375
Total	\$935,000	\$809,431

(All Funding Dollars in Thousands)
(Y.O.E. = Year of Expenditure Dollars)

*Based on Nov 04 ballot measure

Performance

Delay & Congestion

- 24,140** Less hours people spend in congestion each day.
- 1,870** Less hours trucks spend in congestion each day.
- 17,040** Less hours vehicles spend in congestion each day.

Capacity, Speed, & Safety

- 113,780** More trips by people per day.

This project will reduce congestion on I-5, providing up to 15 minutes of travel time savings from Seattle to Tacoma during peak commute times and gives commuters a choice of routes, reducing trip distances and trip times. The new route provides more direct freight access to the Port of Seattle and the Duwamish industrial area. Airport access from the south will be improved, reducing traffic impacts on local streets surrounding SeaTac Airport.

What New Funding Will Achieve

- Reduces travel time between Seattle and Tacoma by providing an alternate route to I-5 and increasing the capacity of I-5.
- Diverts over 1,200 vehicles per hour and over 5,000 trucks per day – nearly a lane of traffic – from I-5's Southcenter Hill.
- Provides a direct freight route between the industrial areas of Seattle and the Green River Valley.
- Saves freight carriers over \$60 million per year through reduced trip length and travel time.
- Sea-Tac International Airport ranks as the nation's 18th busiest passenger and 19th busiest cargo airport. Thirty percent of vehicle trips arrive from the south. This project supports improved access to the airport for both passengers and air cargo.
- Provides HOV lanes and connections to I-5 supporting multimodal transportation options, with direct connection to the future Sound Transit Link Light Rail station at South 200th Street.
- Improves water quality through better stormwater treatment and restores Des Moines Creek.

For more information on this project: www.wsdot.wa.gov/projects/I5DesMoinesWaySouth188St

For more information on the RTID: www.rtid.dst.wa.us

October 8, 2004