



# District Projects in King County

## SR 520 Bridge Replacement and HOV Project

### Project Description

The SR-520 Bridge Replacement and HOV cost estimate assumes 6-lanes (2-GP & 1 HOV lane in each direction). It replaces the floating bridge, approaches and constructs HOV lanes from east of Montlake Boulevard to the vicinity of Bellevue Way. Adds expanded roadway shoulders and bicycle/pedestrian lanes.

**Lead Agency: WSDOT**

### Location



### Schedule\*

Phase	Year
Design & RW	2003-2011
Construction	2008-2014

### Funding

Source	Y.O.E. \$	2004 \$
District	\$1,000,000	\$850,686
State	\$556,748	\$474,053
Tolls	\$700,250	\$587,854
<b>Total</b>	<b>\$2,256,998</b>	<b>\$1,912,593</b>

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

\*Based on Nov 04 ballot measure

### Performance

#### Delay & Congestion

- 9,900** Less hours people spend in congestion each day.
- 140** Less hours trucks spend in congestion each day.
- 6,990** Less hours vehicles spend in congestion each day.
- 4** Less hours roadway is congested each day.

#### Capacity, Speed, & Safety

- N/A** More trips by people per day.
- 111%** Increase in speed during evening commute.
- \$2.0** Million \$ saved annually from reduction in accidents

The basic benefit of this project is replacing the storm damaged and earthquake vulnerable SR 520 floating bridge: if the use of this bridge were to be lost, the average commute between Redmond and Seattle would double. In addition, the extra capacity provided by the HOV lanes will provide free-flow travel time for transit, vanpools and carpools across the lake, reduce congestion in the other two lanes, and improve safety to all travelers through less congestion and wider shoulders and lanes.

### What New Funding Will Achieve

- Reliable floating bridge designed to withstand a 100 year storm
- Approach structures rebuilt to current earthquake standards
- Widened lane shoulders provide increased safety for motorists and reliability for traffic and transit
- Continuous HOV lane system from Montlake Blvd to W Lake Sammamish Pkwy in Redmond
- Freeway lids help reconnect neighborhoods and provide urban open spaces
- Noise walls along I-5 and SR 520 reduce freeway noise impacts
- New path for bicycles and pedestrians across Lake Washington is the last link in a high demand "non-motorized" corridor
- Lake Washington water quality is improved through better control of stormwater runoff.