

## Express Bus: Direct Access Ramps on SR 520 at 108th Avenue NE (E. King County)

Project Number	E13
Subarea	East King
Primary Mode Impacted	ST Express
Facility Type	Direct Access
Version Number	1.0
Date Last Modified	12/8/2005

Project Locator Map



### Short Project Description

Construct HOV access ramps to 108th Avenue NE from SR 520 to/from the west.

**Project Purpose:** Improve transit speed and reliability to/from the west on SR 520 to/from the South Kirkland park-and-ride.

### Cost and Schedule

Cost (in Millions of 2005\$)

Schedule

	Low	High
Agency Admin		
Enviro Clearance & PE		
Final Design, Specs, Permitting		
Construction		
Vehicles		
Contingency		
<b>Total</b>	<b>\$46.0</b>	<b>\$57.0</b>

Proposed Schedule Not Yet Developed

Design Basis Conceptual

### Environmental Documentation Required

- Environmental Impact Statement Required
- Environmental Assessment Required
- Environmental Checklist Required

### Relationships to Other Projects

Relationship	Project
Dependent on	Funding and implementation of the SR 520 Bridge Replacement and HOV Project (moving the HOV lanes from the outside to the inside of SR 520)
Impacted by	Outcome of the SR 520 Bridge Replacement and HOV Project EIS findings

### Project Partners

WSDOT
KC Metro
Cities of Bellevue, Kirkland and Redmond

## Express Bus: Direct Access Ramps on SR 520 at 108th Avenue NE (E. King County)

### Long Description

#### Description

Construct HOV access ramps (from future center HOV lanes that are assumed to be in-place) from SR 520 to/from the west connecting to 108th Avenue NE. Project would include roadway and channelization modification on 108th Avenue NE.

#### Project Elements Included:

HOV access ramps from SR 520 center HOV lanes to/from 108th Avenue NE as determined by the SR 520 Bridge Replacement and HOV Project EIS.

#### Utilities:

To be determined as part of the SR 520 Bridge Replacement and HOV Project EIS

#### Right-of-Way and Property Acquisition:

To be determined as part of the SR 520 Bridge Replacement and HOV Project EIS

#### Mitigation:

To be determined as part of the SR 520 Bridge Replacement and HOV Project EIS

#### Exclusions:

To be determined as part of the SR 520 Bridge Replacement and HOV Project EIS

#### Permits Required:

To be determined as part of the SR 520 Bridge Replacement and HOV Project EIS

#### Agreements Required:

Partnership agreement with WSDOT/FHWA and cities of Kirkland and Bellevue  
Access Decision Report - FHWA

*ST has developed scope definitions for ST2 project proposals for the purposes of developing cost estimates, implementation schedules, a financial plan, and the estimation of project benefits. This scope definition should not be construed as a commitment that all defined features will be included in the final developed project.*

### Evaluation Measures

<b>Measure</b>	<b>Measurement/ Rating</b>	<b>Notes</b>
Average Weekday Ridership	N/A	
Capital Cost	\$46.0 - \$57.0	in Millions of 2005\$
Annual Operating Cost	N/A	
Travel Time & Reliability		
Connectivity & Integration	High	
Land Use & Development		
Customer Experience		
Consistency with Plans		
Public Support		
Risk Avoidance	Low	

## **Key Issues and Benefits**

### Issues:

This project is included in the SR 520 Bridge Replacement and HOV Project EIS. The cost of the HOV direct access ramp project has been estimated by WSDOT for the SR 520 Bridge Replacement and HOV Project. However, if this project were selected by Sound Transit to move forward, Sound Transit cannot rely or assume funding from the WSDOT is available or in-place within the ST2 timeframe. Additionally, implementation of the direct access ramp at 108th Avenue NE is only feasible with an inside HOV lane facility and without further funding for the SR 520 project, it is unlikely that the inside HOV lanes to 108th Avenue NE could be completed as part of a first phase implementation project.

### Other technical issues include:

- Traffic impacts on 108th Avenue NE and vicinity
- Wetlands and stream in vicinity

### Benefits:

- Provides improved ST Express and King County Metro transit operations via the HOV access ramps
- Provides improved travel times and reliability to ST and Metro riders via the HOV access ramps