

Express Bus: I-405/North 8th Street HOV Direct Access (Renton)

Project Number	E15
Subarea	East King
Primary Mode Impacted	ST Express
Facility Type	Direct Access
Version Number	3.0
Date Last Modified	5/10/2006

Project Locator Map



Short Project Description

Construct direct access ramps on I-405 for HOV and transit at N 8th Street. A Texas "T" bridge will connect both directions of I-405 to the west side of the freeway only.

Project Purpose: Provide access to/from the I-405 inside HOV lanes as well as improve transit speed, reliability and access to the North Renton area.

Cost and Schedule

Cost (in Millions of 2005\$)

Schedule

	Low	High
Agency Admin		
Environmental Clearance and PE		
Final Design, Specs, Permitting		
ROW Acquisition		
Construction		
Vehicles		
Contingency		
Total	\$0.0	\$0.0

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	Future I-405 Corridor projects and implementation/construction schedule
Impacts	E25 Express Bus: Parking Garage and Extension of N. 8th Street (Renton)

Project Partners

WSDOT
City of Renton
Boeing

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Long Description

This capital project scope, and the companion capital cost estimate, are intended to include the entire project development cycle (agency and project administration, environmental clearance, design, all aspects of property acquisition permits, agreements, construction, testing, commissioning and contingencies) from project initiation through the start-up of operations.

Description

Construct transit/HOV direct access ramps on I-405 at N 8th Street using a Texas "T" bridge to connect both directions of I-405 with the west side of the freeway. The direct access ramp will terminate at Garden Avenue N on the west side of freeway.

Project Elements Included:

- Direct access ramps
- Bridge structure to support the direct access facility
- Retaining walls
- Landscaping
- 1 percent for art per ST policy

Utilities:

- New drainage system on I-405 and direct access ramp
- New traffic signal at Garden Avenue N
- Intersection modifications on Garden Avenue N
- Continuous illumination on I-405 within project area

Right-of-Way and Property Acquisition:

- Right-of-way acquisitions direct access ramp construction and touch down.

Mitigation:

- Drainage system upgrades to maintain compliance with current codes
- The final project scope will include all mitigation(s) committed to by ST in pertinent, future project-level environmental documents

Exclusions:

- Non-structural architectural and aesthetic elements in excess of the ST art program
- Enhanced aesthetic surface treatments on the retaining walls

Permits Required:

Building, electrical, mechanical, utility, environmental and construction-related

Agreements Required:

Partnership agreement with WSDOT/FHWA and the City of Renton
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.

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Evaluation Measures

<i>Measure</i>	<i>Measurement/ Rating</i>	<i>Notes</i>
Average Weekday Ridership	N/A	
Capital Cost	N/A	in Millions of 2005\$
Annual Operating Cost	\$0.0	in Millions of 2005\$
Travel Time & Reliability	Medium	
Connectivity & Integration	High	
Land Use & Development	High	
Customer Experience	High	
Risk Avoidance	Low	

Key Issues and Benefits

Issues:

- Funds for this project (\$60 million) were identified in the Sound Move program. These funds will be reserved for implementation of this project. By agreement with the City of Renton, this project will proceed only if WSDOT funding is available for highway reconstruction work (see following note)
- The project is dependent upon WSDOT funding and implementation of the I-405 widening project in this area, which is not currently funded, but may become a candidate for RTID funds.

Benefits:

- Provides improved ST Express operations via the direct access ramp
- Provides improved travel times and reliability to ST riders via the direct access ramp