

Link LRT: Planning Study of Potential Future Corridors (S. King County)

Project Number	S3
Subarea	South King
Primary Mode Impacted	Link
Facility Type	Link Service
Version Number	2.0
Date Last Modified	3/17/2006

Project Locator Map



Short Project Description

Perform a planning study of potential future light rail lines in South King County. The study will expedite future Sound Transit system development.

Project Purpose:

To screen and narrow potential options for future rail lines in South King County.

Cost and Schedule

Cost (In Millions of 2005\$)

	Low	High
Agency Admin		
Environmental Clearance and PE		
Final Design, Specs, Permitting		
ROW Acquisition		
Construction		
Vehicles		
Contingency		
Total	\$4.0	\$4.0

Schedule

Proposed Schedule Not Yet Developed

Environmental Documentation Required

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

Relationships to Other Projects

<i>Relationship</i>	<i>Project</i>
Dependent on	Scope of study depends on light rail projects actually implemented in ST2 (i.e.S1, S2, and S27)

Project Partners

Agency

Multiple jurisdictions in South King County				
KC Metro				
WSDOT				

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Long Description

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

Project Description:

Perform a planning study to screen and narrow the options for future light rail lines in South King County. The study areas will be consistent with HCT corridors identified in Sound Transit's 2005 Long Range Plan.

Two major corridors will be addressed in the study:

- Burien/Renton
- Southward from the Link terminus identified in ST2

Project Elements Included:

- Conduct public and agency outreach
- Conduct alignment assessment
- Develop preliminary ridership forecasts
- Identify environmental issues
- Develop prototypical alignment with potential station locations, park and rides and maintenance facilities
- Develop conceptual operating plan(s)
- Develop conceptual capital and operating costs

Exclusions

- Preliminary engineering
- NEPA/SEPA environmental documentation
- Identification of a preferred alternative

Estimated Costs

Assume \$4.0 million. (\$2 million per corridor)

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

Measure	Measurement/ Rating	Notes
Average Weekday Ridership	N/A	
Capital Cost	\$4.0 - \$4.0	in Millions of 2005\$
Annual Operating Cost	\$0.0	in Millions of 2005\$
Travel Time & Reliability	N/A	
Connectivity & Integration	N/A	
Land Use & Development	High	
Customer Experience	N/A	
Risk Avoidance	High	

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Key Issues and Benefits

Issues:

- The study could be done in a later phase; most elements would likely have to be re-examined in a later formal environmental/engineering process that leads to the selection of a preferred light rail alternative.

Benefits:

- The study would expedite potential future Sound Transit system development.