

Link LRT: Everett Station to Everett Community College

Project Number	N1
Subarea	Snohomish
Primary Mode Impacted	Link
Facility Type	Link Service
Version Number	2.0
Date Last Modified	3/16/2006

Project Locator Map



Short Project Description

Construct and operate approximately 2.5-miles of predominantly at-grade starter light rail segment between Everett Station and Everett Community College along the Broadway corridor. Design and construct the segment to become the end segment of a future longer regional line connecting Everett and points south.

Project Purpose: To begin development of regional light rail in Snohomish County that will improve mobility within Everett in the interim.

Cost and Schedule

Cost (in Millions of 2005\$)

Schedule

	Low	High
Agency Admin	\$14.5	\$16.7
Environmental Clearance and PE	\$7.7	\$8.8
Final Design, Specs, Permitting	\$19.2	\$22.1
ROW Acquisition	\$28.5	\$32.7
Construction	\$169.9	\$195.4
Vehicles	\$16.6	\$19.0
Contingency	\$15.4	\$17.7
Total	\$271.7	\$312.5

Proposed Schedule Not Yet Developed

Annual O&M	\$3.7
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Design Basis

Conceptual

Environmental Documentation Required

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

Relationships to Other Projects

Relationship	Project

Project Partners

City of Everett
Everett Transit
Everett Community College

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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 the revenue operations.

Description:

This project would construct and operate a predominantly at-grade starter light rail segment between Everett Station and Everett Community College along the Broadway corridor, to begin development of regional light rail in Snohomish County that will improve mobility within Everett in the interim. The segment would be designed and constructed to become the end segment of a future longer regional line connecting Everett and points south.

Project Elements Included:

- At-grade in-street light rail
- 2.5 miles (13,000 ft)
- double-track entire alignment
- 6 stations, including shelters, signage, lighting, seating, ticket vending machines, CCTV
- light maintenance base (washing, painting, minor repairs; heavy maintenance to occur at Central Link base)
- curb-to-curb reconstruction of street along alignment
- reconstruct sidewalks at stations
- transit signal preemption at 20 intersections
- 1 percent for art per ST policy
- 10 minute peak headways, 15 minute off-peak and weekends
- Central Link vehicles and associated traction power supply
- One-car trains
- 4 vehicles (including one spare)
- hazardous materials remediation

Utilities:

- undergrounding of overhead utilities where utilities must be moved to accommodate the project
- electrical, water, sewer, communications

Right-of-Way and Property Acquisition:

- ROW at stations & maintenance base only
- ROW for construction staging areas

Mitigation:

- The final project scope will include all mitigation(s) committed to by ST in pertinent, future project-level environmental documents.
- Residential noise abatement program
- Business mitigation

Exclusions:

- Non-structural architectural and aesthetic elements in excess of the ST art program
- parking and replacement of displaced on-street parking
- grade-separated pedestrian crossings
- community development funding
- public restrooms

Permits Required:

- building, electrical, mechanical, utility, construction-related

Agreements Required:

- City of Everett, Everett Transit, Everett Community College

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	3,000	
Capital Cost	\$271.7 - \$312.5	in Millions of 2005\$
Annual Operating Cost	\$3.7	in Millions of 2005\$
Travel Time & Reliability	Medium	
Connectivity & Integration	Medium	# transit routes: 5 ST (including Sounder), 9 CT, 9 ET
Land Use & Development	High	
Customer Experience	High	
Risk Avoidance	Medium	

Key Issues and Benefits

Issues

- Access to adjacent businesses and residences will be restricted during construction
- This route does not directly serve the core of downtown Everett – the nearest station would be 3-4 blocks away
- This line could operate as a stand-alone system for a long time before being connected to a regional light rail system

Benefits

- Begins development of light rail in Snohomish County along a demonstrated strong ridership corridor
- Would enable re-investment of existing bus services
- May support re-development of the Broadway corridor
- Constructing to Central Link standards will allow easier eventual integration with a regional line