

Sounder: New Station in North Sumner

Project Number	S19
Subarea	Pierce
Primary Mode Impacted	Sounder
Facility Type	Station
Version Number	2.0
Date Last Modified	5/12/2006

Project Locator Map



Short Project Description

Construct a new Sounder station in North Sumner including station facilities, bus boarding area and a surface parking lot with up to 400 stalls.

Project Purpose:

To provide improved access to Sounder and additional parking in the Sumner area to help meet long-term demand.

Cost and Schedule

Cost (in Millions of 2005\$)

Schedule

	Low	High
Agency Admin	\$2.8	\$3.3
Environmental Clearance and PE	\$3.3	\$3.8
Final Design, Specs, Permitting	\$3.3	\$3.8
ROW Acquisition	\$9.1	\$10.5
Construction	\$27.4	\$31.5
Vehicles	\$0.0	\$0.0
Contingency	\$4.3	\$5.0
Total	\$50.2	\$57.8

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
Impacted by	Parking could be done in lieu of or in addition to other parking expansion in area at existing Sumner Station (see Project S20).
Impacted by	Design of the project would be influenced by whether ST Express bus service and Sounder service from other potential ST2 projects are implemented and use the station (see Projects S10, S11, and S24)
Impacted by	Major intersection improvements (including flyover ramps) were recently completed at this location. Track embankment may need to be lowered and/or shifted to the east to accommodate the track widening while maintaining adequate clearance under the new Lake Tapps Parkway overpass.
Impacted by	Design of the project will be influenced by whether expansion of parking at adjacent Sounder stations is implemented under ST2 (see Projects 18 and S20)

Sounder: New Station in North Sumner

Project Partners

BNSF
Pierce Transit
City of Sumner
City of Auburn

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.

Definition:

Construct a new station in North Sumner with station facilities, bus loading area, and up to 400 surface parking stalls.

Project Elements Included:

- Two 600 foot platforms on west and east sides of tracks with canopies, shelters, leaning rails, and benches
- Separation of BNSF tracks to 18 feet, including track embankment widening and inter-track fencing
- Signage, lighting, CCTV cameras, customer information monitors, public announcement system
- Ticket vending machines
- Station amenities, telephones, information kiosks, 1 percent for art per ST policy.
- Janitor room with storage, communications/electrical room
- New surface parking lot with up to 400 stalls
- Pedestrian bridge over BNSF tracks, with elevators and stairs
- Four bus bays
- Bike storage, lockers and racks
- Landscaping
- Assume poor soils and hazardous materials remediation
- Assume grading of site to improve drainage and reduce potential for flooding
- Street improvements/channelization and new traffic signal on 8th Street East to facilitate turns in and out of the parking facility and bus loading area.
- New at-grade railroad crossing on 8th Street East including electrical/signal equipment

Utilities:

- New drainage system with water detention and water quality
- Relocation of underground utilities (as needed to construct the facility)

Right-of-Way and Property Acquisition:

- Sufficient real property to permit construction of station facilities, bus loading area, and surface parking lot with up to 400 stalls.

Mitigation:

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

Exclusions:

- Public restrooms
- Non-structural architectural and aesthetic elements in excess of the ST art program
- Compensation for freight rail disruption during track reconstruction

Permits Required: building, electrical, mechanical, utility, land use, and construction-related, BNSF

Agreements Required: City of Sumner, City of Auburn, Pierce County, BNSF

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.

Sounder: New Station in North Sumner

Evaluation Measures

<i>Measure</i>	<i>Measurement/ Rating</i>	<i>Notes</i>
Average Weekday Ridership	500	
Capital Cost	\$50.2 - \$57.8	in Millions of 2005\$
Annual Operating Cost	\$0.3	in Millions of 2005\$
Travel Time & Reliability	N/A	
Connectivity & Integration	High	# transit routes: 1 ST (Sounder)
Land Use & Development	Low	
Customer Experience	High	
Risk Avoidance	Medium	

Key Issues and Benefits

Issues:

- Serving additional station along Sounder route would slightly increase travel time for some riders.
- Station location is in City of Sumner, but roadways used to access station (8th Street East and East Valley Highway) are in the City of Auburn. South of 8th Street East, the BNSF tracks are the boundary between the two cities. The location is entirely within Pierce County.
- Area immediately around station site is sparsely developed, making this a different station environment compared to other Sounder stations.

Benefits:

Improves access to Sounder and provides additional parking in the Sumner area to help meet long-term demand.