

Sounder: Parking Garage and Pedestrian Bridge at Sumner Station

Project Number	S20
Subarea	Pierce
Primary Mode Impacted	Sounder
Facility Type	Park & Ride
Version Number	3.0
Date Last Modified	4/24/2008

Project Locator Map



Short Project Description

Construct a new multi-level parking garage with up to 400 stalls and a pedestrian bridge at Sumner Sounder Station.

Project Purpose:

To provide additional parking at this Sounder station to meet long-term demand.

Cost

In Millions of 2007\$

	Low	High
Agency Admin	\$2.0	\$2.3
Environmental Clearance and PE	\$2.3	\$2.7
Final Design, Specs, Permitting	\$2.3	\$2.7
ROW Acquisition	\$6.1	\$7.0
Construction	\$19.4	\$22.3
Vehicles	\$0.0	\$0.0
Contingency	\$3.0	\$3.5
Total	\$35.1	\$40.3

Design Basis Conceptual

Environmental Documentation Required

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

Relationships to Other Projects

Relationship	Project
Impacted by	Design of the project will be influenced by whether expansion of parking at adjacent Sounder stations is implemented under ST2 (see Projects 19 and S21)

Project Partners

BNSF	
Pierce Transit	
City of Sumner	

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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.

Description:

Construct a new multi-level parking structure with up to 400 stalls and a pedestrian bridge at Sumner Sounder Station. For cost estimation purposes, the project is assumed to be located west of the station across Traffic Street.

Elements to be Included:

- New parking structure with up to 400 stalls
- New pedestrian bridge over BNSF tracks and over Traffic Street
- Signage, lighting, CCTV cameras and customer emergency stations
- Modifications/extension to existing platforms to accommodate connection to new pedestrian bridge
- Half-street improvements including curb, gutter and sidewalk improvements on street frontage
- Special traffic control to address working over and adjacent to active railroad track.
- Landscaping
- Assume poor soil conditions and hazardous soils remediation
- Construction phasing to maintain operation of the station, including alternate routing of PT and ST buses
- One additional fare collection machine to accommodate additional users.
- 1 percent for art per ST policy
- Demolition of existing structures to allow construction of garage

Utilities:

- New drainage system for parking structure to include water retention and water quality
- Utility relocation as needed to complete the project

Right-of-Way and Property Acquisition:

- Sufficient real property to permit construction of a multi-level parking garage 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
- New bus bays, canopies, or shelters
- Non-structural architectural and aesthetic elements in excess of the ST art program
- Potential future transit oriented development (TOD)
- Bike storage, lockers and racks

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

Agreements Required: City of Sumner, Pierce Transit, BNSF

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Flexible Access to ST Facilities:

The goal of this project is to accommodate the future demand for ridership on transit services available at the station/center, by improving access/egress for this location. The scope of the transit parking components included in this project could be revised to include a range of strategies for providing rider access to the transit facility. Along with, or instead of parking for private vehicles or van pools, a mix of other investments could be accomplished through the budget for this project. These other strategies include:

- Pedestrian improvements within one-quarter mile of the Sumner Station,
- Additional bus/transfer facilities at the Sumner Station,
- Bicycle improvements within one-half mile,
- Transit speed and reliability improvements on routes connecting to the facility,
- Expanded or new kiss-&-ride areas at Sumner Station and/or
- Off-site parking along an existing bus route that connects frequently (20-minute or shorter headway) to the Sumner Station during the peak periods.

This flexible approach would permit ST staff to examine alternatives to expanded parking and could lead to even lower GHG emissions and less land consumed by parking. ST's highest priority for this project budget would remain meeting demand and riders' needs. The budget for flexible access will not exceed the Board-adopted budget for this project. Access and demand studies would be required prior to changing this project's scope. Determination of what level and mixture of investments would be most effective and affordable within the project's budget would be done through a planning effort that includes a more-detailed examination of demand and use, as well as coordination with affected jurisdictions and partner agencies, the community surrounding the station/center, and the users of the transit services available at the location. ST Board action is required to change a project's scope in this manner.

ST has developed scope definitions for ST2 project proposals for the purposes of developing cost estimates, phasing of investments, 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	\$35.1 - \$40.3	in Millions of 2007\$
Annual Operating Cost	\$0.4	in Millions of 2007\$
Travel Time & Reliability	N/A	
Connectivity & Integration	High	# transit routes: 3 ST (including Sounder), 1 Pierce Transit
Land Use & Development	High	
Customer Experience	High	
Risk Avoidance	High	

Key Issues and Benefits

Issues:

- Possible local maximum floor ordinance may impact parking structure design.
- Station proximity to residential uses will affect site selection and design of parking structure.

Benefits:

- Provides additional parking to meet long-term demand at Sounder station currently experiencing high demand.
- Opportunity for project integration into potential transit-oriented development (TOD).