

Sounder: Parking Garage and Pedestrian Bridge at Puyallup Station

Project Number	S21
Subarea	Pierce
Primary Mode Impacted	Sounder
Facility Type	Park & Ride
Version Number	2.0
Date Last Modified	5/12/2006

Project Locator Map



Short Project Description

Expand parking at Puyallup Sounder Station by building a multi-level parking structure with up to 600 stalls and a surface parking lot with up to 200 stalls. These facilities will displace an existing 300 stall surface lot so the net additional parking is up to 500 stalls. Provide a pedestrian bridge from the parking structure to the far side of the BNSF tracks.

Project Purpose:

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

Cost and Schedule

Cost (in Millions of 2005\$)

Schedule

	Low	High
Agency Admin	\$3.0	\$3.5
Environmental Clearance and PE	\$3.5	\$4.0
Final Design, Specs, Permitting	\$3.5	\$4.0
ROW Acquisition	\$9.7	\$11.1
Construction	\$29.0	\$33.3
Vehicles	\$0.0	\$0.0
Contingency	\$4.6	\$5.2
Total	\$53.1	\$61.1

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

<i>Relationship</i>	<i>Project</i>
Impacted by	Design of the project will be influenced by whether ST Express bus service and Sounder service from other potential ST2 projects are implemented and use the stations (see Projects S10, S11, and S24)
Impacted by	Design of the project will be influenced by whether expansion of parking at adjacent Sounder station is implemented under ST2 (see Project S20)

Project Partners

City of Puyallup
Pierce Transit
BNSF

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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:

This project will expand parking at Puyallup Sounder station by building a multi-level parking structure with up to 600 stalls and a surface lot with up to 200 stalls. These parking facilities will displace the current 300-stall surface parking lot on the south side of the BNSF tracks, so the net additional parking capacity is up to 500 stalls. A pedestrian bridge over the tracks will also be provided.

Project Elements Included:

- New multi-level parking structure with up to 600 stalls (with elevator and stairs) and new surface parking lot with up to 200 stalls on the south side of the BNSF tracks.
- Pedestrian bridge that connects the parking structure with the far side platform; elevator/stairs on north end of bridge to connect to platform. Modifications of platform to accommodate the pedestrian bridge/landing.
- Signage, lighting, CCTV cameras, customer emergency stations
- Street improvements and new traffic signal on Main Avenue to facilitate turns into and out of the parking facility
- Curb, gutter and sidewalks on the frontage of the site
- Landscaping
- Demolition of existing ST facilities as needed
- Assume poor soils and hazardous materials remediation
- Construction phasing to maintain operation of the station, including alternate routing of PT and ST buses
- Parking mitigation program during construction
- 1 percent for art per ST policy

Utilities:

- Undergrounding of overhead utilities and relocation of underground utilities (as needed to complete the facility) along street frontage
- New drainage system including water retention and water quality

Right-of-Way and Property Acquisition:

- Sufficient real property to permit construction of the surface parking lot with 200 stalls. Construction of the parking structure will occur on ST-owned property.

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 canopies or shelters
- Bike storage, lockers and racks
- Non-structural architectural and aesthetic elements in excess of the ST art program
- Reconstruction of local streets (other than needed to complete the project)

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

Agreements Required: City of Puyallup, Pierce Transit, 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.

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Evaluation Measures

<i>Measure</i>	<i>Measurement/ Rating</i>	<i>Notes</i>
Average Weekday Ridership	N/A	
Capital Cost	\$53.1 - \$61.1	in Millions of 2005\$
Annual Operating Cost	\$0.4	in Millions of 2005\$
Travel Time & Reliability	N/A	
Connectivity & Integration	High	# transit routes: 2 ST (including Sounder), 4 PT
Land Use & Development	High	
Customer Experience	High	
Risk Avoidance	High	

Key Issues and Benefits

Issues:

- Possible local maximum floor ordinance that may impact parking structure design.
- Further investigation of potential locations for surface parking needed to determine appropriate and available parcels.

Benefits:

- Provides additional parking to meet long-term demand at Sounder station currently experiencing high demand.
- Provides more convenient access to/from platforms and parking by constructing pedestrian bridge across tracks.