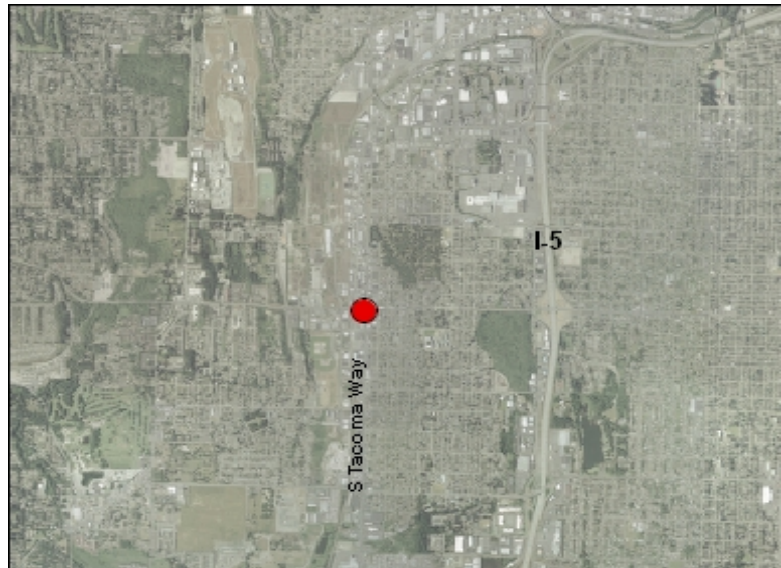


Sounder: Parking Garage and Pedestrian Bridge at South Tacoma Station

Project Number	S22
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 structure with up to 600 stalls at South Tacoma Sounder Station, displacing 200 planned surface stalls (to be constructed under *Sound Move*), for a net additional 400 parking stalls. Construct a pedestrian bridge across the tracks connecting the parking structure to the far-side platform.

Project Purpose:

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

Cost and Schedule

Cost (in Millions of 2007\$)

Schedule

	Low	High
Agency Admin	\$1.7	\$2.0
Environmental Clearance and PE	\$2.5	\$2.9
Final Design, Specs, Permitting	\$2.5	\$2.9
ROW Acquisition	\$3.0	\$3.0
Construction	\$21.0	\$24.1
Vehicles	\$0.0	\$0.0
Contingency	\$2.6	\$3.0
Total	\$33.2	\$37.8

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

<i>Relationship</i>	<i>Project</i>
Impacted by	Design of the project will be influenced by whether Sounder service expansion is implemented under ST2 (see Project S24)
Impacted by	Design of the project will be influenced by whether expansion of parking at adjacent Sounder stations is implemented under ST2 (see Project S16 and S23)

Project Partners

City of Tacoma
Pierce Transit
BNSF

Sounder: Parking Garage and Pedestrian Bridge at South Tacoma Station

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 600 stalls at South Tacoma Sounder Station, displacing 200 existing surface stalls, for a net additional 400 parking stalls. Construct a weather-protected pedestrian bridge (over the tracks) connecting the parking structure to the far-side platform. To maximize the parking structure footprint on the approx. 170 ft. by 350 ft. (1.36 acres) parcel owned by ST on the west side of the tracks, the pedestrian bridge is assumed to extend eastward over the tracks from an upper level of the garage, and so has a landing (with stairs and elevator) only on platform on the east side of the tracks.

Project Elements Included:

- Multi-level parking structure with up to 600 stalls
- Weather-protected pedestrian bridge (over the tracks) connecting the parking structure to the far-side platform.
- Elevators in the parking structure and at east end of the bridge.
- Modifications to the existing station platform, canopies, etc., to accommodate the bridge.
- Demolition of existing ST facilities.
- Hazardous materials remediation (if any left incomplete during *Sound Move*/Phase 1).
- Signage, lighting, CCTV cameras and customer emergency stations
- Bike storage, lockers and racks
- Landscaping
- Street improvements on 60th and/or Adams St. to facilitate left turns into and out of the parking structure.
- New curbs and gutters, and sidewalks along the parking structure's frontage on 60th and Adams St.
- New curbs, gutters and sidewalks along the north side of 60th Street from the RR tracks to South Tacoma Way.
- New traffic signal at 60th/South Tacoma Way.
- Parking mitigation program during construction, as necessary
- Construction phasing to maintain operation of the station, including alternate routing of PT and ST buses.
- 1 percent for art per ST policy

Utilities:

- Undergrounding of overhead utilities and relocation of utilities as needed to complete the project
- Drainage system for new parking structure

Right-of-Way and Property Acquisition:

ST owns the property. Miscellaneous easements needed.

Mitigation:

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

Exclusions:

- Public restrooms
- Additional canopies, shelters, bus bays or layover space
- Non-structural architectural and aesthetic elements in excess of the ST art program
- Track/crossing improvements.
- Street reconstruction or traffic signal improvements.
- Facilities that would support Amtrak operations.

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

Agreements Required:

An interlocal agreement to effect the street modifications and new traffic signal may be required with the City of Tacoma. 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 South Tacoma Station,
- Additional bus/transfer facilities at South Tacoma 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 South Tacoma Station and/or
- Off-site parking along an existing bus route that connects frequently (20-minute or shorter headway) to South Tacoma 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, 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	\$33.2 - \$37.8	in Millions of 2007\$
Annual Operating Cost	\$0.4	in Millions of 2007\$
Travel Time & Reliability	N/A	
Connectivity & Integration	High	# transit routes: 1 ST (Sounder), 2 PT
Land Use & Development	High	
Customer Experience	High	
Risk Avoidance	High	

Key Issues and Benefits

Issues:

- Further analysis needed to determine whether there is sufficient room on the existing station footprint to allow the landing of the pedestrian bridge on the eastern platform.
- Need to determine whether further hazardous material remediation is warranted on the site.
- Facility design will have to consider the possibility of future track changes through the area and the potential for a west-side platform.
- Possible local maximum floor ordinance that may impact parking structure design.
- If this project (S22) becomes an element of a final adopted ST2 Plan, the scope of current *Sound Move* station project should be reconsidered.

Benefits:

Provides additional parking at Sounder station to meet long-term demand.