

Sounder: Permanent Station at Tukwila

Project Number	S17
Subarea	South King
Primary Mode Impacted	Sounder
Facility Type	Station
Version Number	2.0
Date Last Modified	5/12/2006

Project Locator Map



Short Project Description

Build permanent station facilities, bus loading area, and new parking facilities (up to 400 surface stalls) at Tukwila Sounder Station. A preferred concept plan (including schedule and costs) for this project is currently being developed. Improvements at this station will be partially funded through *Sound Move*.

Project Purpose:

To provide permanent station and parking facilities at this Sounder Station.

Cost and Schedule

Cost (in Millions of 2005\$)

Schedule

	Low	High
Agency Admin	\$2.3	\$2.6
Environmental Clearance and PE	\$3.0	\$3.5
Final Design, Specs, Permitting	\$3.0	\$3.5
ROW Acquisition	\$3.2	\$3.7
Construction	\$25.2	\$29.0
Vehicles	\$0.0	\$0.0
Contingency	\$3.4	\$4.0
Total*	\$40.1	\$46.1

Proposed Schedule Not Yet Developed

*includes *Sound Move* -funded portion

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 ST Express bus service and Sounder service from other potential ST2 projects are implemented and use the station (see Projects S10, S11, S13, and S24)

Project Partners

City of Tukwila
City of Renton
KC Metro
UPRR
BNSF
Amtrak

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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:

Provide permanent station facilities, bus loading area, and new parking facilities for ST riders at Tukwila Station.

Project Elements Included (as identified in Tukwila Station Recommended Concept and Sequencing Plan Scope of Services):

- Two 600 foot platforms (extendable to 1000 feet), with canopies, shelters, leaning rails and benches
- New surface parking lot (initially up to 400 stalls with ultimate amount to be determined)
- Pedestrian tunnel under BNSF tracks connecting platforms to parking area. Elevators and stairs at platform ends of tunnel.
- Signage (including signs for Amtrak Cascades), lighting, CCTV cameras, customer variable message signs, public announcement system
- Station amenities, public telephones, information kiosks
- Amtrak and Sounder ticket vending machines
- Bicycle lockers and racks; bus loading area
- Landscaping
- Janitor room with storage, communications/electrical room
- Separation of BNSF tracks to 18 feet with fencing (including embankment widening) and closure of BNSF trestle over Longacres Way
- Station footprint within existing ST property lines
- Demolition of existing ST facilities
- 2nd access point and new traffic signal on West Valley Highway to facilitate turns in and out of the facility
- Accommodate (do not preclude) eventual completion of the Strander Boulevard Extension and relocation of the UPRR tracks (both are City of Renton projects)
- Construction phasing to maintain operation of the station, including alternate routing of Metro and ST buses
- 1 percent for art per ST policy.

Utilities:

- New drainage system including water detention and water quality
- Relocation of utilities as needed to complete the project

Right-of-Way and Property Acquisition:

- Station and parking area will be constructed on property owned by Sound Transit (approx. 9 acres)
- Sufficient real property and/or easements to permit 2nd access point on West Valley Highway

Mitigation:

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

Exclusions:

- Future relocation of UPRR tracks and any associated structures, including associated agreements, permits, remediation, costs, etc. (the project should accommodate the future UPRR relocation but will not pay for it)
- Reconstruction of BNSF trestle over Longacres Way (Longacres Way will be closed to traffic)
- Curb, gutter and sidewalks on West Valley Highway frontage
- Future extension of Strander Boulevard
- Potential future transit oriented development (TOD)
- Public restrooms
- Non-structural architectural and aesthetic elements in excess of the ST art program
- Compensation for freight rail disruption during track reconstruction

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

Agreements Required: station agreement with Amtrak, City of Tukwila, City of Renton, King County Metro, BNSF, UPRR

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	\$40.1 - \$46.1	in Millions of 2005\$
Annual Operating Cost	\$0.2	in Millions of 2005\$
Travel Time & Reliability	N/A	
Connectivity & Integration	High	# transit routes: 1 ST (Sounder), 3 KCM
Land Use & Development	High	
Customer Experience	High	
Risk Avoidance	High	

Key Issues and Benefits

Issues:

ST recently began the first phase in developing a preferred concept plan that is expected to be completed by Fall 2006. Identification of specific station improvements, including scheduling and cost estimates, will be developed as part of the concept planning process. Improvements at this station will be partially funded through remaining budget funds in *Sound Move*.

Benefits:

This project will provide enhanced station amenities and expanded parking at Tukwila Sounder Station.