

Express Bus: New Bus Route Serving All Sounder Stations between Tacoma Dome and King Street during Off-Peak Periods

Project Number	S11
Subarea	South King/Pierce
Primary Mode Impacted	ST Express
Facility Type	ST Express Service
Version Number	2.0
Date Last Modified	3/17/2006

Project Locator Map



Short Project Description

New ST Express route connecting Tacoma with downtown Seattle. The route can will serve as a "shadow" for Sounder rail service during periods when Sounder is not operating. The route will serve Sounder stations in Pierce and South King Counties.

Project Purpose:

To provide direct express bus service that complements Sounder service between Tacoma and downtown Seattle.

Cost and Schedule

Cost (in Millions of 2005\$)

Schedule

Annual O & M	\$1.3
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Proposed Schedule Not Yet Developed

Capital Items

Vehicles	\$0.0	(service provided in non-peak periods; no additional vehicles required)
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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>
Dependent on	Actual periods of operations depend on Sounder service levels, which are proposed to be expanded in Project S24

Project Partners

Agency

KC Metro	
Pierce Transit	

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Long Description

The 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

The new route will provide direct (no transfer) ST Express service between Tacoma and Seattle during periods when Sounder is not operating. The route will serve Tacoma Dome Station as well as Sounder stations in Puyallup, Sumner, Auburn, Kent, and Tukwila.

Project Elements Included:

Headways

Weekday: Midday 45 min/ Evening 45 min / Night 45 min

Annual Service Hours: 13,100

Utilities:

None

Right-of-Way and Property Acquisition:

None

Mitigation

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

Exclusions

Permits Required:

None

Agreements Required:

Pierce Transit, Pierce County

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	< 1,000	
Capital Cost	\$0.0	in Millions of 2005\$
Annual Operating Cost	\$1.3	in Millions of 2005\$
Travel Time & Reliability	Low	
Connectivity & Integration	High	N/A
Land Use & Development	High	
Customer Experience	High	
Risk Avoidance	High	

Key Issues and Benefits

Issues:

- End-to-end travel time for route likely long (i.e., exceeding 1.5 hours.)
- Route would duplicate service between Seattle and Tacoma currently provided by ST Express 590 series; but would also provide connections to all Sounder stations along the SR 167 corridor.

Benefits:

- Together with Sounder service, provides all day transit service between Sounder stations (Tacoma to Seattle)
- Acts as alternative service for Sounder riders during midday and early evening periods when commuter rail service is not operating. Another option for providing this alternative Sounder bus service is described in project S10.