

Sounder: New Permanent Station at Edmonds Crossing (Edmonds)

Project Number	N23
Subarea	Snohomish
Primary Mode Impacted	Sounder
Facility Type	Station
Version Number	3.0
Date Last Modified	5/17/2006

Project Locator Map



Short Project Description

Relocate the interim station at Edmonds to the permanent location and expand parking for Sounder riders to up to 500 structured stalls, in conjunction with Washington State Ferries' Edmonds Crossing multimodal terminal project.

Project Purpose: to improve service integration between ferries and Sounder, and accommodate future Sounder parking demand.

Cost and Schedule

Cost (in Millions of 2005\$)

Schedule

	Low	High
Agency Admin	\$2.8	\$3.3
Environmental Clearance and PE	\$3.3	\$3.8
Final Design, Specs, Permitting	\$3.3	\$3.8
ROW Acquisition	\$9.1	\$10.5
Construction	\$27.4	\$31.5
Vehicles	\$0.0	\$0.0
Contingency	\$4.3	\$5.0
Total	\$50.2	\$57.8

Proposed Schedule Not Yet Developed

Design Basis

Conceptual

Environmental Documentation Required

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

Note: WSDOT/WSF issued EIS for Edmonds Crossing, including Sounder facilities, in December 2004; FTA subsequently issued ROD

Relationships to Other Projects

Relationship	Project
Dependent on	Edmonds Crossing multi-modal project (WSF project)
Dependent on	BNSF's relocation of mainline railroad tracks

Project Partners

City of Edmonds
BNSF railroad
WSF

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Long Description

This capital project scope, and the companion capital cost estimate, are intended to include the entire project development cycle (agency and project administration, environmental clearance, design, all aspects of property acquisition, permits, agreements, construction, testing, commissioning and contingencies) from project initiation through the start-up of the revenue operations.

Description:

This project would relocate the interim station at Edmonds to the permanent location and expand parking by up to 500 structured stalls, in conjunction with Washington State Ferries' Edmonds Crossing multimodal terminal project. This project scope assumes that all other transit components not listed below are included in the WSF/Edmonds project scope. This project differs from project N23a in that it includes more parking, a stand-alone pedestrian bridge crossing of the tracks, and bus transit facilities and connections to the Sounder station entirely independent of the future Washington State Ferries terminal. This project does not assume funding for these elements from Sound Transit's partners (e.g. Washington State Ferries, City of Edmonds) in the Edmonds Crossing multimodal terminal project.

Project Elements Included:

- Located adjacent to the new (future) WSDOT ferry terminal
- Two platforms (east and west side of tracks), each approximately 600 feet long
- Deep foundations and piles for platforms due to waterfront soil conditions
- Widen to 18 feet between tracks and add interfencing
- Canopies and windscreens
- Signage
- Lighting
- Bicycle racks and lockers
- Security hut
- Static and dynamic customer information
- CCTV
- Ticket vending machines on both platforms
- Grade-separated pedestrian access (e.g., pedestrian overpass)
- Up to 500 parking spaces for ST riders in pile-supported structure
- Utilities (electrical, stormwater)
- 1 percent for art per ST policy

Utilities:

- electrical, stormwater

Right-of-Way and Property Acquisition:

- Payments to BNSF for ROW/property use
- Purchase of property for this facility

Mitigation:

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

Exclusions:

- Non-structural architectural and aesthetic elements in excess of the ST art program
- Transit operator restrooms
- Public restrooms
- Signal improvements
- Facilities that would support AMTRAK operations (e.g., extra long platforms, ticket booths)
- Passenger drop-off zone (separate for ST riders)

Permits Required:

- Building permit
- Electrical permit
- Mechanical permit
- Utility connection permits
- Construction-related permits may include demolition, temporary road closures/detours
- Shoreline permit

Agreements Required:

- City of Edmonds, BNSF, WSF

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.

Sounder: New Permanent Station at Edmonds Crossing (Edmonds)

Evaluation Measures

<i>Measure</i>	<i>Measurement/ Rating</i>	<i>Notes</i>
Average Weekday Ridership	500	
Capital Cost	\$50.2 - \$57.8	in Millions of 2005\$
Annual Operating Cost	\$0.6	in Millions of 2005\$
Travel Time & Reliability	N/A	
Connectivity & Integration	Medium	# transit routes: 1 ST (Sounder), 8 CT, 1 WSF
Land Use & Development	High	
Customer Experience	High	
Risk Avoidance	Low	

Key Issues and Benefits

Issues

- High likelihood that the parking structure will be built in concert with at least one public sector partner, complicating project delivery schedule and placing projected cost for that (and related) elements(s) at risk.
- Platform cost could be higher than normal due to potential seismic activity along waterfront.
- Potential need for remediation of UNOCAL site.
- Remaining Sound Move funds may negate or reduce the need for further investment in ST2.
- Project timing is controlled by the ability of WSF to fund/construct the multimodal terminal and the BNSF's ability to fund/construct track relocation through Edmonds, which is currently anticipated to begin construction during the summer of 2012.
- Ability to limit use of the spaces to Sound Transit users is dependent on an unspecified enforcement program

Benefits

- Relocating the Edmonds Sounder Station to the future "Edmonds Crossing" site will greatly simplify transfers to/from ferries and provide a more rider-friendly, weather-protected waiting environment.
- Added parking will accommodate forecasted future Sounder demand.
- Supports the City of Edmonds' long range goals for downtown/waterfront development.

Sounder: New Permanent Station at Edmonds Crossing (Edmonds)

Project Number	N23a
Subarea	Snohomish
Primary Mode Impacted	Sounder
Facility Type	Station
Version Number	2.0
Date Last Modified	5/17/2006

Project Locator Map



Short Project Description

Relocate the interim station at Edmonds to the permanent location and expand parking for Sounder riders to up to 300 structured stalls, in conjunction with Washington State Ferries' Edmonds Crossing multimodal terminal project.

Project Purpose: to improve service integration between ferries and Sounder, and accommodate future Sounder parking demand.

Cost and Schedule

Cost (in Millions of 2005\$)

Schedule

	Low	High
Agency Admin	\$1.2	\$1.4
Environmental Clearance and PE	\$1.4	\$1.6
Final Design, Specs, Permitting	\$1.4	\$1.6
ROW Acquisition	\$3.8	\$4.4
Construction	\$11.5	\$13.3
Vehicles	\$0.0	\$0.0
Contingency	\$1.8	\$2.1
Total	\$21.1	\$24.3

Proposed Schedule Not Yet Developed

Design Basis

Conceptual

Environmental Documentation Required

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

Note: WSDOT/WSF issued EIS for Edmonds Crossing, including Sounder facilities, in December 2004; FTA subsequently issued ROD

Relationships to Other Projects

Relationship	Project
Dependent on	Edmonds Crossing multi-modal project (WSF project)
Dependent on	BNSF's relocation of mainline railroad tracks

Project Partners

City of Edmonds
BNSF
WSF

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Long Description

This capital project scope, and the companion capital cost estimate, are intended to include the entire project development cycle (agency and project administration, environmental clearance, design, all aspects of property acquisition, permits, agreements, construction, testing, commissioning and contingencies) from project initiation through the start-up of the revenue operations.

Description:

This project would relocate the interim station at Edmonds to the permanent location and expand parking by up to 300 structured stalls, in conjunction with Washington State Ferries' Edmonds Crossing multimodal terminal project. This project scope assumes that all other transit components not listed below are included in the WSF/Edmonds project scope. This project differs from project N23 in that it includes less parking, only part of the pedestrian bridge across the tracks (the other part would be part of the Washington State Ferries terminal), and does not include any bus transit facilities or connections independent of those provided for the ferry terminal. This project is an alternative to project N23 intended to more specifically separate the station components necessary for Sounder service that would be funded by Sound Transit from other components of the Edmonds Crossing multimodal terminal project that would be funded by other parties.

Project Elements Included:

- Located adjacent to the new (future) WSDOT ferry terminal
- Two platforms (east and west side of tracks), each approximately 600 feet long
- Deep foundations and piles for platforms due to waterfront soil conditions
- Widen to 18 feet between tracks and add interfencing
- Canopies and windscreens
- Signage
- Lighting
- Bicycle racks and lockers
- Security hut
- Static and dynamic customer information
- CCTV
- Ticket vending machines on both platforms
- Grade-separated pedestrian access across the tracks integrated with ferry foot passenger overhead loading walkway
- Up to 300 parking spaces for ST riders in a parking structure jointly funded with WSF and/or Edmonds
- Utilities (electrical, stormwater)
- 1 percent for art per ST policy

Utilities:

- electrical, stormwater

Right-of-Way and Property Acquisition:

- Payments to BNSF for ROW/property use
- Purchase of property for this facility

Mitigation:

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

Exclusions:

- Non-structural architectural and aesthetic elements in excess of the ST art program
- Ferry terminal, dock, breakwater, vehicle access and holding facilities and other improvements and components not related to commuter rail service
- Public restrooms
- Signal improvements
- Facilities that would support AMTRAK operations (e.g., extra long platforms, ticket booths)
- Other bus transit facilities (e.g. transit center, passenger drop-off zone, bus layover, public and operator restrooms, etc.)

Permits Required:

- Building permit
- Electrical permit
- Mechanical permit
- Utility connection permits
- Construction-related permits may include demolition, temporary road closures/detours
- Shoreline permit

Agreements Required:

- City of Edmonds, BNSF, WSF

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	500	
Capital Cost	\$21.1 - \$24.3	in Millions of 2005\$
Annual Operating Cost	\$0.6	in Millions of 2005\$
Travel Time & Reliability	N/A	
Connectivity & Integration	Medium	# transit routes: 1 ST (Sounder), 8 CT, 1 WSF
Land Use & Development	High	
Customer Experience	High	
Risk Avoidance	Low	

Key Issues and Benefits

Issues

- High likelihood that the parking structure will be built in concert with at least one public sector partner, complicating project delivery schedule and placing projected cost for that (and related) elements(s) at risk.
- Platform cost could be higher than normal due to potential seismic activity along waterfront.
- Potential need to share costs of remediation of UNOCAL site.
- Remaining Sound Move funds may negate or reduce the need for further investment in ST2.
- Project timing is controlled by the ability of WSF to fund/construct the multimodal terminal and the BNSF's ability to fund/construct track relocation through Edmonds, which is currently anticipated to begin construction during the summer of 2012.
- Ability to limit use of parking spaces to Sound Transit users is dependent on an unspecified enforcement program

Benefits

- Relocating the Edmonds Sounder Station to the future "Edmonds Crossing" site will greatly simplify transfers to/from ferries and provide a more rider-friendly, weather-protected waiting environment.
- Added parking will accommodate forecasted future Sounder demand.
- Supports the City of Edmonds' long range goals for downtown/waterfront development.
- Integrates Sounder components with other components of the overall Edmonds Crossing multimodal center