

MOTION NO. M2015-78
Construction Services for the Point Defiance Bypass Project

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	8/13/15	Recommendation to the Board	Ahmad Fazel, DECM Executive Director Mark Johnson, Project Director
Board	8/27/15	Final Action	Tom Dean, Construction Manager

PROPOSED ACTION

Authorizes the chief executive officer to execute a contract with Stacy and Witbeck, Inc. to provide construction services for the Point Defiance Bypass project in the amount of \$53,800,000, with a 15% contingency of \$8,070,000, for a total authorized contract amount not to exceed \$61,870,000.

KEY FEATURES SUMMARY

- The Point Defiance Bypass project will improve portions of the Sound Transit-owned Lakeview corridor in Pierce County. Passenger service will then be routed along the Lakeview corridor, avoiding the slower congested route along Puget Sound.
- The project will construct a series of improvements along Sound Transit's railroad right-of-way between Tacoma and Nisqually in Pierce County, including:
 - Construction of a new second track adjacent to Sound Transit's existing main line between South Tacoma (66th Street Bridge) and Lakewood (Bridgeport Way);
 - Installation of new rails, ties, and ballast on Sound Transit's existing track between Lakewood and Nisqually;
 - Improvements at the connection to BNSF's main line near Nisqually;
 - Safety improvements at four existing at-grade crossings within the project corridor;
 - Extension of an existing layover track in the DuPont Yard;
 - Reconstruction of the Clover Creek Bridge; and
 - Rehabilitation of the Pendleton Avenue Bridge and both the north and southbound track bridges over Interstate 5.
- Construction is expected to begin in September 2015 and last approximately 18 months.
- Direct costs incurred for this project will be reimbursed by WSDOT through a grant WSDOT received from the FRA.

BACKGROUND

The Point Defiance Bypass project is a Washington State Department of Transportation (WSDOT) project that will reroute passenger trains to an inland rail line along the west side of I-5 through south Tacoma, Lakewood, and DuPont. Sound Transit currently uses a portion of this route for Sounder commuter rail service to Lakewood.

The Point Defiance Bypass project is a keystone project within the Cascade High Speed Rail program and will improve portions of the Sound Transit-owned Lakeview Corridor in Pierce County. The Lakeview corridor route contributes substantially to the travel time savings and on-time reliability goals of WSDOT's program as the current route is both speed-restrictive and constrained by a single track tunnel and a moveable bridge.

Sound Transit currently operates along a portion of the rail corridor where these improvements will be built; Amtrak would shift its passenger operations to this corridor after the project is complete. BNSF would continue its freight operations around Point Defiance.

As the owner of the corridor, Sound Transit has agreed to administer the construction of the project to help minimize impacts to our current service as well as complete the work effectively and efficiently. WSDOT is designing the project through a consultant. The project is located within Sound Transit right-of-way; once the project is built, Sound Transit will own all of the improvements. Direct costs incurred for this project will be reimbursed by WSDOT through a grant WSDOT received from the FRA.

The project will construct a new second track adjacent to Sound Transit's existing main line between South Tacoma (South 66th Street Bridge) and Lakewood (Bridgeport Way) and install new rails, ties, and ballast on Sound Transit's existing track between Lakewood and Nisqually. Improvements will be made at the connection to BNSF's main line near Nisqually and safety improvements will be made at some existing at-grade crossings within the project corridor.

WSDOT has obtained nearly \$800 million in funding through the Federal Railway Administration's (FRA) High-Speed Intercity Passenger Rail program. WSDOT will be using the funds to deliver rail infrastructure improvements that expand travel choices, preserve freight mobility, and foster economic growth across the state. The program goal is to improve Washington's Amtrak Cascades service between Portland, OR, and Vancouver, B.C., with specific outcomes to reduce travel time between Portland and Seattle, increase on-time performance to 88% and add two additional daily roundtrips.

Environmental review under the National Environmental Policy Act (NEPA) and State Environmental Policy Act (SEPA) was completed by WSDOT and the Federal Railroad Administration through an Environmental Assessment and Finding of No Significant Impact in March 2013. WSDOT issued a SEPA checklist and determination of non-significance in March 2013. An SEPA addendum to the checklist was also published in November 2014.

Two bids were received on July 7, 2015 through a competitive bid process; the bid submitted by Stacy and Witbeck, Inc. is under the engineer's estimate and determined to be the lowest responsive and responsible bidder. There is currently a bid protest on this contract being reviewed by the Procurement Department. If this protest has not been resolved by August 24th when the Board of Directors takes final action, the action will be contingent on resolution of that protest.

PROJECT STATUS

Project Identification	Alternatives Identification	Conceptual Engineering	Preliminary Engineering	Final Design	Construction
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Projected Completion Date: 2Q 2017
 Project scope, schedule and budget summary are located in the March 2015 Agency Progress Report.

FISCAL INFORMATION

The 2015 amended TIP for the Point Defiance Bypass project being constructed by Sound Transit is \$128 million. Within that amount \$114,500,000 has been set aside in the Construction phase. The proposed action would commit \$61,870,000 for this line item, leaving a remaining budget balance of \$52,627,450.

This action is within the adopted budget and sufficient monies remain after approval of this action to fund the remaining work in the construction phase as contained in the current cost estimates.

Point Defiance Bypass

	Amended 2015 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	2,700	618		618	2,082
Preliminary Engineering					
Final Design	200	126		126	74
Third Party Agreements					
Right of Way	1,000	47		47	953
Construction	114,500	3	61,870	61,873	52,627
Construction Services	9,600	1,309		1,309	8,291
Vehicles					
Total Current Budget	128,000	2,102	61,870	63,972	64,028

Phase Detail

Construction

Construction	108,500		61,870	61,870	46,630
Other Construction	6,000	3			
Total Phase	114,500	3	61,870	61,870	46,630

Contract Detail

Stacy and Witbeck, Inc

	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Agreement Amount			53,800	53,800
Contingency Amount			8,070	8,070
Total Contract			61,870	61,870
Percent Contingency	0%	0%	15%	15%

Notes:

Amounts are expressed in Year of Expenditure \$000s.

Board Approvals = Committed To-Date + Contingency, and includes pending Board actions.

Project budget page is located on page 55 of 210 of the Adopted 2015 Transit Improvement Plan (TIP).

SMALL BUSINESS/DBE PARTICIPATION AND APPRENTICESHIP UTILIZATION

Participation by Small Businesses and Disadvantaged Business Enterprises (DBEs)

Sound Transit promotes and encourages small business participation, which also includes Disadvantaged Business Enterprises (DBEs). Consistent with Sound Transit Policies and Federal Regulations, Sound Transit has established Small Business/DBE goals for this contract. These goals are based upon an examination of subcontracting opportunities contained in the work of this contract and the number of Small Businesses/DBEs available to perform such subcontracting work.

For this specific contract, the following goals were set and the successful Bidder/Proposer has committed to the following Small Business/DBE Participation:

Small Business Goals

Sound Transit Goal: 18%

Commitment: 18.6%

Subconsultant/Subcontractor	Business Type	% of Work	Amount
Liberty Electric, LLC	Small Business	18.6%	\$9,980,731
Total		18.6%	\$9,980,731

Apprentice Utilization Commitment

Apprentice Utilization Goal: 20%
 Commitment: 20%

PUBLIC INVOLVEMENT

Sound Transit and WSDOT staff have coordinated on a number of public outreach activities including stakeholder meetings and the environmental outreach process.

TIME CONSTRAINTS

A one-month delay would create a significant impact to the project schedule and may put the FRA grant at risk.

PRIOR BOARD/COMMITTEE ACTIONS

Resolution No. R2015-01: (1) Adopted the Point Defiance Bypass Project baseline schedule and budget by (a) adopting March 2017 as the project completion milestone, (b) amending the lifetime baseline budget from \$6,400,000 million to \$128,000,000; and (c) amending the 2015 annual budget from \$1,571,000 to \$36,411,000; and (2) approved Gate 5 within Sound Transit’s Phase Gate process.

Resolution No. R2014-03: (1) Amended the Adopted 2014 Budget to create the Point Defiance Bypass Project by (a) establishing a Project Lifetime Budget in the amount of \$6,400,000 and (b) establishing a 2014 Annual Project Budget of \$642,000 and (2) approved Gate 1 within Sound Transit’s Phase Gate process.

Motion No. M2014-21: Authorized the chief executive officer to execute a Service Outcomes Agreement with the Washington State Department of Transportation (WSDOT) and the National Railroad Passenger Corporation (Amtrak) and a Construction and Maintenance Agreement with WSDOT to implement a portion of the Cascade High Speed Rail Program on Sound Transit owned rail corridor.

ENVIRONMENTAL REVIEW

JI 7/24/2015

LEGAL REVIEW

JW 8/4/2015

MOTION NO. M2015-78

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract with Stacy and Witbeck, Inc. to provide construction services for the Point Defiance Bypass project in the amount of \$53,800,000, with a 15% contingency of \$8,070,000, for a total authorized contract amount not to exceed \$61,870,000.

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MOTION:

It is hereby moved by the Board of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a contract with Stacy and Witbeck, Inc. to provide construction services for the Point Defiance Bypass project in the amount of \$53,800,000, with a 15% contingency of \$8,070,000, for a total authorized contract amount not to exceed \$61,870,000.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on August 27, 2015.



Dow Constantine
Board Chair

ATTEST:



Kathryn Flores
Board Administrator