

MOTION NO. M2015-76
Contract Amendment for Additional Final Design Services for Tacoma Trestle Track & Signal Project

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee Board	08/13/2015 08/27/2015	Recommend to Board Final Action	Ahmad Fazel, DECM Executive Director Mark Johnson, Project Director

PROPOSED ACTION

Authorizes the chief executive officer to execute a contract amendment with David Evans and Associates to provide additional final design services for the Tacoma Trestle Track & Signal Project in the amount of \$919,033, with a 10% contingency of \$91,903, totaling \$1,010,936, for a new total authorized contract amount not to exceed \$13,142,732.

KEY FEATURES SUMMARY

- The requested contract amendment will provide funding to complete additional final design services for the Tacoma Trestle Track & Signal Project which includes the Washington State Department of Transportation (WSDOT) passenger platform extension. The additional final design services include project management, systems engineering, railroad signals engineering, structural engineering, and architectural services.
- Additional funding is needed to complete final design changes associated with the following work:
 - Redesign of the platform extension to meet the Federal Railroad Administration's requirements for level boarding. The design will include platform canopies and platform systems (CCTV cameras, lighting, and public information display units).
 - Railroad signals integration work to allow the Tacoma Trestle to interface with railroad signals for the WSDOT Point Defiance Bypass crossover and station projects that are west of the trestle project.
- Funding for the additional final design work will be reimbursed through an amended Cost Reimbursement Agreement with WSDOT being brought to the August 13, 2015, Capital Committee for approval under Motion No. M2015-75. Under that action, WSDOT will reimburse Sound Transit for all allowable costs related to the final design of the platform extension based on actual expenditures. The estimated reimbursement amount is \$1,230,936.

BACKGROUND

The Tacoma Trestle Track & Signal Project was recently approved by the Board of Directors (Resolution No. R2015-09) in May 2015 to baseline the budget, cost, and schedule. The Tacoma Trestle Track & Signal Project covers the complete re-construction of track and structure upgrades along a 0.65-mile section from Tacoma Dome Station to East M Street in Tacoma. The project includes the replacement of the single-track wooden trestle and steel girder bridge with a new double-track structure. Replacement of the trestle includes demolition and track removal of the existing bridge and trestle, upgrades to the embankment along the trestle, construction of new tracks and crossovers, construction of a new concrete viaduct, signal upgrades and erosion control. Service in the corridor will remain active throughout construction.

The Tacoma Trestle Track & Signal Project includes a WSDOT passenger platform that will be integrated into the trestle and is now part of the project scope of the Tacoma Trestle Track &

Signal Project. WSDOT will fully reimburse Sound Transit for all expenditures related to design of the platform extension's level boarding height requirements, systems, and canopies as well as railroad signal integration for Sound Transit's Tacoma Trestle Track & Signal Project and WSDOT's Point Defiance Bypass Project.

The Tacoma Trestle Track & Signal Project is included in the ST2 plan and is scheduled for completion in 2018. Sound Transit received a TIGER Grant in the amount of \$10 million to advance the final design and construction phases of the project to increase track capacity to accommodate the additional passenger and freight train operations.

The contract with David Evans and Associates to provide final design services was approved on October 23, 2014 (Motion No. M2014-78). This contract amendment includes final design services for the WSDOT platform extension, pending approval of Motion No. M2015-75 for receiving reimbursement from WSDOT for the platform extension work. The contract amendment also includes railroad signals integration work to allow the Tacoma Trestle to interface with railroad signals for the WSDOT Point Defiance Bypass crossover and station projects that are west of the trestle project.

Environmental review for the Tacoma Trestle Track & Signal Project was completed with the State Environmental Policy Act (SEPA) Checklist and Determination of Non-Significance (DNS) issued July 16, 2014, and the Federal Transit Administration approved a National Environmental Policy Act (NEPA) Documented Categorical Exclusion (DCE) on April 14, 2014. Environmental review under NEPA for the WSDOT platform extension was completed as part of the WSDOT and Federal Railroad Administration (FRA) February 2013 Point Defiance Bypass Environmental Assessment and Finding of No Significant Impact (FONSI) issued by FRA on March 1, 2013. Environmental review of the platform extension under SEPA was completed as part of the WSDOT Point Defiance Bypass DNS issued March 13, 2013.

FISCAL INFORMATION

The 2015 amended Transit Improvement Plan for the Tacoma Trestle Track & Signal Project is \$120,509,000. Within that amount, \$13,481,000 has been set aside in the Final Design phase. The proposed action would commit \$1,010,936 for this line item, leaving a remaining budget balance of \$4,002,887.

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

Tacoma Trestle Track & Signal	Amended 2015			Board Approved Plus Action	Uncommitted / (Shortfall)
	TIP	Board Approvals	This Action		
Agency Administration	4,086	1,357		1,357	2,729
Preliminary Engineering	4,497	4,496		4,496	1
Final Design	13,481	8,467	1,011	9,478	4,003
Third Party Agreements	1,077				1,077
Right of Way	10,061	5,135		5,135	4,926
Construction	81,641	322		322	81,319
Construction Services	5,666	726		726	4,940
Vehicles					
Total Current Budget	120,509	20,503	1,011	21,514	98,995

Phase Detail

Final Design

Final Design	9,626	8,219	1,011	9,230	395
Other Final Design	3,856	248		248	3,607
Total Phase	13,481	8,467	1,011	9,478	4,003

Contract Detail

David Evans & Associates

	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Amount	11,029	11,029	919	11,948
Contingency Amount	1,103	1,103	92	1,195
Total Contract	12,132	12,132	1,011	13,143
Percent Contingency	10%	10%	10%	10%

Notes:

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

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

The amended 2015 TIP represents the baselined budget approved in May 2015

Project budget page is located on page 54 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 and DBE Goals

Sound Transit Goal:

Small Business: 8%

DBE: 4%

Commitment:

Small Business: 11.29%

DBE: 4.45%

Subconsultant/Subcontractor	Business Type	% of Work	Amount
Clinkston Architects	Small Business	4.61%	\$42,333
Triunity Engineering & Management	DBE	12.02%	\$110,439
ROMAR7LLC	DBE	1.80%	\$16,579
TOTAL CONTRACT SBE (including DBE)		18.43%	\$169,351

PUBLIC INVOLVEMENT

Several public open houses have been held in early 2014 and 2015 to introduce the 30%, 60%, and 90% design concepts to the public and to receive customer feedback on the design concepts.

TIME CONSTRAINTS

A one-month delay would create a significant impact to the project schedule.

PRIOR BOARD/COMMITTEE ACTIONS

Motion No. M2014-78: Authorized the chief executive officer to execute a contract amendment with David Evans & Associates to provide final design engineering services for the Tacoma Trestle Track & Signal Project in the amount of \$7,076,388, with a 10% contingency of \$707,639 totaling \$7,784,027, for a new total authorized contract amount not to exceed \$12,131,796.

Motion No. M2014-08: Authorized the chief executive officer to execute a contract amendment with David Evans and Associates to provide preliminary engineering services for the Tacoma Trestle Project in the amount of \$2,596,172 with a 10% contingency of \$259,617, totaling \$2,855,789, for a new total authorized contract amount not to exceed \$4,347,769, contingent upon Board approval of Resolution No. R2014-02 amending the Adopted 2014 Budget.

Motion No. M2013-47: Authorized the chief executive officer to execute a contract with David Evans & Associates to provide conceptual engineering services for the Tacoma Trestle Project in the amount of \$1,356,345, with a 10% contingency of \$135,635, for a total authorized contract amount not to exceed \$1,491,980.

ENVIRONMENTAL REVIEW

Jl 6/15/2015

LEGAL REVIEW

LA 6 August 2015

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A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract amendment with David Evans and Associates to provide additional final design services for the Tacoma Trestle Track & Signal Project in the amount of \$919,033, with a 10% contingency of \$91,903, totaling \$1,010,936, for a new total authorized contract amount not to exceed \$13,142,732.

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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 amendment with David Evans and Associates to provide additional final design services for the Tacoma Trestle Track & Signal Project in the amount of \$919,033, with a 10% contingency of \$91,903, totaling \$1,010,936, for a new total authorized contract amount not to exceed \$13,142,732.

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