

MOTION NO. M2017-129

Contingency Increase for Tacoma Trestle Construction Contract

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	10/12/2017	Cancelled	Ahmad Fazel, DECM Executive Director
Board	10/26/2017	Final Action	Mark Johnson, Project Director

PROPOSED ACTION

Authorizes the chief executive officer to increase the contingency for the construction services contract with Flatiron West, Inc., for the Tacoma Trestle Track and Signal Project in the amount of \$3,275,000, for a new total authorized contract amount not to exceed \$89,393,208.

KEY FEATURES SUMMARY

- Flatiron West, Inc. is providing construction services for the Tacoma Trestle Track and Signal Project, including work to construct additional elements agreed to by Sound Transit under a Construction and Maintenance Agreement with the Washington State Department of Transportation.
- An increase in contingency is necessary to cover projected remaining costs. The major cost items are:
 - Acceleration costs to mitigate schedule impacts sufficiently to open for Amtrak revenue service in December 2017.
 - Extended overhead for Flatiron West Inc. and their sub-contractors related to schedule impacts.
 - Additional cost for sanitary sewer relocation due to differing site conditions.
 - Miscellaneous costs for items that are not yet quantified, fully defined, or identified.
- The contingency increase will allow project elements required for Amtrak service to be completed in early December 2017, and remaining elements to be completed by the 2nd quarter of 2018. The Washington State Department of Transportation will begin Amtrak revenue service on the corridor December 18, 2017.

BACKGROUND

The Tacoma Trestle Track and Signal Project will replace a 100 year old single-track wooden trestle with a modern double-track bridge structure along a 0.65 mile section of the Sounder South Line from the Tacoma Dome Station to East M Street in Tacoma. The project is constructing a segment of the Sound Transit-owned Lakewood Corridor intended to carry Amtrak and Sounder service. The project will be constructed along Sound Transit's railroad right-of-way and over City of Tacoma public rights-of-way at East G Street, East J Street, and East L Street. Replacement of the trestle includes demolition and track removal of the existing bridge and trestle, upgrades to the embankment along the existing trestle, construction of new tracks and crossover, construction of a new concrete structure, signal upgrades, utility relocation, and erosion control. Service in the project area will remain active throughout construction.

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 this project that will increase track capacity to accommodate the additional passenger and freight train operations implemented under the ST2 plan and the federal High Speed Intercity Passenger Rail (HSIPR) program.

Environmental review for the Tacoma Trestle 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 approval of the National Environmental Policy Act (NEPA) Documented Categorical Exclusion (DCE) on April 14, 2014.

The project's north platform extension, south platform and crossover between East 'C' and East 'D' Streets are scope elements funded by WSDOT using HSIPR program monies. WSDOT's environmental assessment for this scope was issued as the February 2013 Point Defiance Bypass Environmental Assessment, and on March 1, 2013, a Finding of No Significant Impact (FONSI) was issued by the Federal Railroad Administration (FRA); a Determination of Non-Significance (DNS) under SEPA was issued on March 13, 2013.

PROJECT STATUS

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Project Identification	Alternatives Identification	Conceptual Engineering	Preliminary Engineering	Final Design	Construction

Projected Completion Date for Construction: 2Q 2018
 Project scope, schedule, and budget summary located on page 122 of the June 2017 Agency Progress Report.

FISCAL INFORMATION

This action is within the baseline and sufficient funds remain to fund the remaining work in the construction phase. The baseline budget for the Tacoma Trestle project is \$161,065,000. Within that amount \$114,287,500 has been set aside for the construction phase. Of that amount \$89,962,128 has been previously committed. The proposed action would commit \$3,275,000 for construction of the project leaving a remaining uncommitted budget of \$21,050,872 in the construction phase.

Tacoma Trestle	2017 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	8,094	4,018		4,018	4,076
Preliminary Engineering	4,062	4,062		4,062	
Final Design	15,198	12,888		12,888	2,310
Third Party Agreements	1,781	622		622	1,159
Right of Way	10,061	6,852		6,852	3,209
Construction	114,288	89,962	3,275	93,237	21,051
Construction Services	7,581	5,352		5,352	2,229
Vehicles					
Total Current Budget	161,065	123,755	3,275	127,030	34,035

Phase Detail
Construction

Civil Construction - Flatiron West Inc.	103,363	86,118	3,275	89,393	13,969
Other Construction	10,925	3,844		3,844	7,081
Total Phase	114,288	89,962	3,275	93,237	21,051

Contract Detail	Board Approvals to Date	Current Approved Agreement Status	Proposed Action	Proposed Total for Board Approval
Flatiron West Inc.				
Contract Amount	57,512	81,382		81,382
Contingency Amount	28,606	4,736	3,275	8,011
Total Contract	86,118	86,118	3,275	89,393
Percent Contingency	50%	6%	100%	10%

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 39 of 147 of the 2017 Transit Improvement Plan (TIP).

SMALL BUSINESS/DBE PARTICIPATION AND APPRENTICESHIP UTILIZATION

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 Disadvantaged Business Enterprise Goals

Sound Transit Goal:

Small Business: 6%

DBE: 0%

Commitment:

Small Business: 7.91%

DBE: 4.30%

Subconsultant/Subcontractor	Business Type	% of Work	Amount
Alliance Geomatics	DBE	0.56%	\$324,000
Rebar International Inc.	DBE	3.74%	\$2,152,630
Liberty Electric, LLC	Small Business	3.61%	\$2,075,400
Total		7.91%	\$4,552,030

Apprentice Utilization Commitment

Apprentice Utilization Goal: 20%

Commitment: 20%

PUBLIC INVOLVEMENT

Sound Transit has conducted a number of public outreach activities including stakeholder meetings and the environmental outreach process. Sound Transit will continue to conduct public outreach throughout the construction phase of the project.

TIME CONSTRAINTS

A one-month delay would create a significant impact to the completion of the project in early December 2017. The Washington State Department of Transportation will begin revenue service on the corridor December 18, 2017.

PRIOR BOARD/COMMITTEE ACTIONS

Motion No. M2016-76: Authorized the chief executive officer to increase the contingency for the construction services contract with Flatiron West, Inc. for the Tacoma Trestle Track & Signal Project in the amount of \$22,855,250, for a total authorized contract amount not to exceed \$86,118,208.

Motion No. M2016-50: Authorized the chief executive officer to execute an amended and restated Construction and Maintenance Agreement with the Washington State Department of Transportation to implement a portion of the Cascade High Speed Rail Program on Sound Transit-owned rail corridor in the additional amount of \$22,344,392, for a new total authorized agreement amount not to exceed \$151,725,572.

Motion No. M2016-09: Authorized the chief executive officer to execute a contract with Flatiron West, Inc. to provide construction services for the Tacoma Trestle Track & Signal Project in the amount of \$57,511,780, with a 10% contingency of \$4,751,178, for a total amount not to exceed \$63,262,958.

Motion No. M2015-75: Authorized the chief executive officer to execute an amendment to the Washington State Department of Transportation Costs Reimbursement Agreement for final design for the platform extension for the Tacoma Trestle Track & Signal Project in the amount of \$1,119,033, with a 10% contingency of \$111,903 totaling \$1,230,936, for a new total authorized agreement amount not to exceed \$2,613,919.

ENVIRONMENTAL REVIEW

KH 10/5/17

LEGAL REVIEW

JEN 10/19/17

MOTION NO. M2017-129

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to increase the contingency for the construction services contract with Flatiron West, Inc., for the Tacoma Trestle Track and Signal Project in the amount of \$3,275,000, for a new total authorized contract amount not to exceed \$89,393,208.

BACKGROUND:

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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 increase the contingency for the construction services contract with Flatiron West, Inc., for the Tacoma Trestle Track and Signal Project in the amount of \$3,275,000, for a new total authorized contract amount not to exceed \$89,393,208.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on October 26, 2017.



Fred Butler
Board Chair Pro Tem

ATTEST:



Kathryn Flores
Board Administrator