

MOTION NO. M2016-76

Contingency Increase for Flatiron West, Inc. Construction Contract for Tacoma Trestle Track & Signal Project

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	7/14/2016	Recommend to Board	Ahmad Fazel, DECM Executive Director Mark Johnson, Project Director
Board	7/28/2016	Final Action	Tom Dean, Construction Manager

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 & Signal Project in the amount of \$22,855,250, for a total authorized contract amount not to exceed \$86,118,208.

KEY FEATURES SUMMARY

- The contingency funds requested address construction change orders to add Washington State Department of Transportation (WSDOT) funded scope as a part of the ARRA-funded Northwest High Speed Intercity Passenger Rail Program.
- Sound Transit and WSDOT executed an amended and restated Construction and Maintenance Agreement to add these scope components to the Tacoma Trestle construction contract:
 1. Additional track work from East D Street to East C Street.
 2. Construction of a second, south platform between East G Street and East D Street.
 3. Relocation of the East 26th Street sanitary sewer.
 4. Addition of the Control Point Tacoma Dome signal bungalow.
- Adding this work to the Tacoma Trestle Track & Signal project will facilitate construction coordination and minimize contractor conflicts within a constrained construction site.

BACKGROUND

The Tacoma Trestle Track & 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 will be constructed mostly along Sound Transit’s railroad right-of-way and over City of Tacoma public rights-of-way at G Street, J Street, and 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 corridor 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 the project and to increase track capacity to accommodate the additional passenger and freight train operations.

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. Environmental review for the WSDOT platform extension was completed with the February 2013 Point Defiance Bypass Environmental Assessment, March 1, 2013. A Finding of No Significant Impact (FONSI) was issued by the

Federal Railroad Administration (FRA), and the March 13, 2013, WSDOT Point Defiance Bypass DNS.

PROJECT STATUS

Project Identification	Alternatives Identification	Conceptual Engineering	Preliminary Engineering	Final Design	Construction
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Projected Completion Date for Construction: 2Q 2018
 Project scope, schedule and budget summary located on page 125 of the March 2016 Agency Progress Report.

FISCAL INFORMATION

The project budget in the 2016 Transportation Improvement Plan (TIP) for the Tacoma Trestle Track & Signal project is \$161,065,000. Within that amount \$114,287,500 has been set aside in the Construction phase. The proposed action would commit \$22,855,250 to this line item, leaving a remaining budget of \$26,846,291 in the construction phase.

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

Tacoma Trestle Track & Signal

	2016 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	8,094	2,240		2,240	5,854
Preliminary Engineering	4,062	4,062		4,062	
Final Design	15,198	12,887		12,887	2,311
Third Party Agreements	1,781	871		871	910
Right of Way	10,061	6,418		6,418	3,643
Construction	114,288	64,587	22,855	87,442	26,845
Construction Services	7,581	5,352		5,352	2,229
Vehicles					
Total Current Budget	161,065	96,416	22,855	119,271	41,794

**Phase Detail
Construction**

	2016 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Civil Construction	104,362	64,423	22,855	87,279	17,083
Other Civil Construction	9,926	164		164	9,762
Total Phase	114,288	64,587	22,855	87,442	26,845

**Contract Detail
Flatiron West, Inc.**

	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Amount	57,512	57,512		57,512
Contingency Amount	5,751	5,751	22,855	28,606
Total Contract	63,263	63,263	22,855	86,118
Percent Contingency	10%	10%	100%	50%

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 36 of 140 of the Adopted 2016 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 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
1 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 Goal: 20%

Commitment: 20%

PUBLIC INVOLVEMENT

Sound Transit has conducted a number of public outreach activities including stakeholders 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 project schedule putting the FRA-administered federal funding at risk.

PRIOR BOARD/COMMITTEE ACTIONS

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. M2016-19: 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 \$5,751,178, for a total authorized contract amount not to exceed \$63,262,958.

ENVIRONMENTAL REVIEW

JI 6/23/2016

LEGAL REVIEW

JW 7/6/2016

MOTION NO. M2016-76

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 & Signal Project in the amount of \$22,855,250, for a total authorized contract amount not to exceed \$86,118,208.

BACKGROUND:

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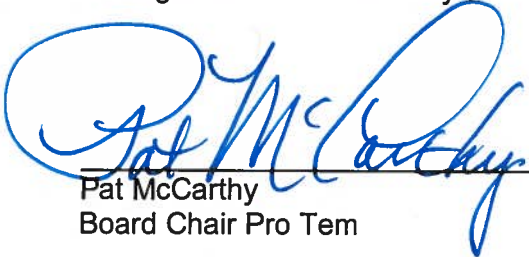
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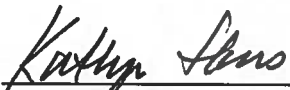
MOTION:

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 & Signal Project in the amount of \$22,855,250, for a total authorized contract amount not to exceed \$86,118,208.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on July 28, 2016.


Pat McCarthy
Board Chair Pro Tem

ATTEST:


Kathryn Flores
Board Administrator