



Resolution No. R2019-18

Hilltop Tacoma Link Extension Budget Transfer

Meeting:	Date:	Type of action:	Staff contact:
System Expansion Committee Board	07/11/2019 07/25/2019	Recommend to Board Final action	Ron Lewis, DECM Executive Director Madeleine Greathouse, Project Director - Hilltop Tacoma Link Extension

Proposed action

Transfers \$1,468,120 from the Contingency phase to the Final Design phase of the Adopted 2019 Budget for the Hilltop Tacoma Link Extension, while maintaining the baseline budget of \$217,346,000.

Key features summary

- This action seeks Board approval to transfer \$1,468,120 from the contingency phase to the final design phase of the Hilltop Tacoma Link Extension baseline budget.
- This budget transfer will provide the funding needed for a separate action, Motion No. M2019-70, to increase the contract contingency for design support during construction in order to complete required submittal reviews, responses to contractor questions/requests for information, and to incorporate design revisions and enhancements into the construction contract documents.
- The project is currently 33 percent complete. This action will authorize approximately 22 percent of the project contingency, leaving a balance of approximately 78 percent. There is no change to the project baseline budget of \$217,346,000 or the annual project budget total.

Background

The Hilltop Tacoma Link Extension is a 2.4-mile extension of light rail from the Theater District in downtown to the Hilltop neighborhood in Tacoma. The extension will travel at-grade, in-street with traffic along Stadium Way, North 1st Street, Division Avenue, and Martin Luther King Jr. Way. The project includes six new stations, relocates the Theater District Station, expands the existing Tacoma Operations and Maintenance Facility (OMF), and provides for additional light rail vehicles.

The Sound Transit Board selected the project route, stations, and operations and maintenance facility expansion site on November 19, 2015. In September 2017, the Sound Transit Board established the baseline budget and schedule for the project. Revenue service for the extension is forecast for May 2022.

In July 2016, the Board authorized a contract with HDR Engineering, Inc. to perform final design of all civil, systems and architectural elements to construct the extension. Final design began in September 2016 and was completed in February 2018. The Board authorized a contract amendment in November 2017 for final design services associated with completion of the 90 percent design submittal and exercised the contract option design services during construction. The construction contract Invitation to Bid was issued in March 2018 with Notice to Proceed issued in August 2018.

At-grade civil construction combined with substantial underground utility relocations carries significant project risks. These risks were identified in the planning and design phases of the work and the project's risk register is updated regularly to address continuing mitigation of risks and identification of new risks. Utility relocations are continuing and the project has realized, to varying levels of severity, many of the risks associated with this type of work. The realization of these risks increased the level of effort for design services in excess of previous budget estimates.

Project status

○					
Project Identification	Alternatives Identification	Conceptual Engineering/ Draft EIS	Preliminary Engineering/ Final EIS	Final Design	Construction

Projected completion date for Construction: 2Q 2022

Project scope, schedule and budget summary are located on page 85 of the April 2019 Link Light Rail Program Progress Report.

Fiscal information

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

The baseline budget for the Hilltop Tacoma Link Extension is \$217,346,000. The proposed action would shift \$1,468,120 from contingency phase to final design phase to complete additional design support during construction. There is no increase to the annual project budget.

Hilltop Tacoma Link Extension

(in thousands)

Project Phase	Annual Project Budget			Baseline Budget		
	Adopted 2019 Annual Project Budget	Budget Revision	Revised 2019 Annual Project Budget	Baseline Budget (Current)	Allocation Change	Baseline Budget (New)
Agency Administration	\$2,331	\$	\$2,331	\$16,948	\$	\$16,948
Preliminary Engineering				5,559		5,559
Final Design	1,195		1,195	11,330	1,468	12,798
Third Party Agreements	25		25	1,466		1,466
Right of Way	120		120	2,270		2,270
Construction	46,773		46,773	130,125		130,125
Construction Services	3,500		3,500	10,291		10,291
Vehicles	7,400		7,400	32,792		32,792
Contingency				6,565	(1,468)	5,097
Total	\$61,344	\$	\$61,344	\$217,346	\$	\$217,346

Notes:

Amounts are expressed in Year of Expenditure \$000s.
For detailed project information, see page 162 of the 2019 Adopted Budget.

Disadvantaged and small business participation

Not applicable to this action.

Public involvement

Not applicable to this action.

Time constraints

A one-month delay would not create a significant impact to the project schedule.

Prior Board/Committee actions

Motion No. M2017-136: Authorized the chief executive officer to amend the contract with HDR Engineering, Inc. for the Tacoma Link Extension by (1) increasing the contract contingency for Final Design services in the amount of \$306,414, and (2) amending the contract for Design Services During Construction in the amount of \$2,045,317, for a combined total amount of \$2,351,731, for a new total authorized contract amount not to exceed \$10,325,177.

Motion No. M2017-33: Authorized the chief executive officer to execute a Funding Agreement with the City of Tacoma for the Tacoma Link Expansion Project.

Environmental review – KH 6/3/19

Legal review – AJP 7/5/19



Resolution No. R2019-18

A RESOLUTION of the Board of the Central Puget Sound Regional Transit Authority transferring \$1,468,120 from the Contingency phase to the Final Design phase of the Adopted 2019 Budget for the Hilltop Tacoma Link Extension, while maintaining the baseline budget of \$217,346,000.

WHEREAS, the Central Puget Sound Regional Transit Authority, commonly known as Sound Transit, was formed under chapters 81.104 and 81.112 of the Revised Code of Washington (RCW) for the Pierce, King, and Snohomish Counties region by action of their respective county councils pursuant to RCW 81.112.030; and

WHEREAS, Sound Transit is authorized to plan, construct, and permanently operate a high-capacity system of transportation infrastructure and services to meet regional public transportation needs in the Central Puget Sound region; and

WHEREAS, in general elections held within the Sound Transit district on November 5, 1996, November 4, 2008, and November 8, 2016, voters approved local funding to implement a regional high-capacity transportation system for the Central Puget Sound region; and

WHEREAS, in December 2018, the Board approved Resolution No. R2018-44, adopting an annual budget for the period from January 1 through December 31, 2019, and adopting the 2019 Transit Improvement Plan; and

WHEREAS, the Hilltop Tacoma Link Extension is a 2.4-mile extension of light rail from the Theater District in downtown to the Hilltop neighborhood in Tacoma. The extension will travel at-grade, in-street with traffic along Stadium Way, North 1st Street, Division Avenue, and Martin Luther King Jr. Way. The project includes six new stations, relocates the Theater District Station, expands the existing Tacoma Operations and Maintenance Facility (OMF), and provides for additional light rail vehicles; and

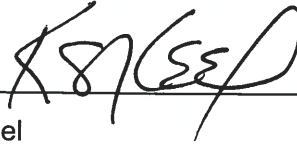
WHEREAS, the Sound Transit Board selected the project route, stations, and operations and maintenance facility expansion site on November 19, 2015. In September 2017, the Sound Transit Board established the baseline budget and schedule for the project. Revenue service for the extension is forecast for May 2022; and

WHEREAS, the transfer is needed to provide the funding for a separate action, Motion No. M2019-70, to increase the contract contingency for design support during construction in order to complete required submittal reviews, responses to contractor questions/requests for information, and to incorporate design revisions and enhancements into the construction contract documents; and

WHEREAS, the project is currently 33 percent complete. This action will authorize approximately 22 percent of the project contingency, leaving a balance of approximately 78 percent. There is no change to the project baseline budget of \$217,346,000 or the annual project budget total.

NOW, THEREFORE, BE IT RESOLVED by the Board of the Central Puget Sound Regional Transit Authority that \$1,468,120 be transferred from the Contingency phase to the Final Design phase of the Adopted 2019 Budget for the Hilltop Tacoma Link Extension, while maintaining the baseline budget of \$217,346,000.

ADOPTED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on July, 25, 2019.



Kent Keel
Board Vice Chair

Attest:



Kathryn Flores
Board Administrator