

**MOTION NO. M2017-117****Agreement with WSDOT for an East Channel Bridge Expansion Joint Replacement for the East Link Extension**

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	09/14/2017	Final Action	Ahmad Fazel, DECM Executive Director <b>Ron Lewis, Executive Project Director – East Link Extension</b> Tia Raamot, Project Manager

**PROPOSED ACTION**

Authorizes the chief executive officer to execute a Reimbursement Agreement with the Washington State Department of Transportation for replacement of Interstate 90 East Channel Bridge expansion joints as a betterment to the East Link Extension for a total authorized agreement amount not to exceed \$1,470,000.

**KEY FEATURES SUMMARY**

- The proposed action establishes an agreement whereby the Washington State Department of Transportation (WSDOT) will reimburse Sound Transit to replace two 40-foot expansion joints on the I-90 East Channel Bridge between Bellevue and Mercer Island as betterment work in 2018.
- The expansion joint replacement is an important and necessary element of WSDOT's bridge maintenance program. The WSDOT budget provides funding to replace these expansion joints in 2021.
- In partnership with WSDOT, it was determined to be preferable for the expansion joint replacement to occur before rail installation on this segment of the bridge as part of the East Link Extension.
- Under the I-90 Seattle to South Bellevue contract rail will be installed over two 40-foot portions of the expansion joints on the bridge in 2018.
- Staff will seek Board approval at a later date to amend the I-90 Seattle to South Bellevue construction contract for the East Channel Bridge expansion joints replacement betterment work, per Sound Transit Motion No. M2004-111 Third Party Public Works Betterment.

**BACKGROUND**

East Link extends light rail 14 miles from downtown Seattle to downtown Bellevue and the Overlake area of Redmond via I-90, with stations serving Rainier Avenue/I-90, Mercer Island, South Bellevue, Downtown Bellevue, Overlake Hospital, the Bel-Red Corridor, Overlake Village, and the Overlake Transit Center. The East Link project route, profiles, and station locations were selected by the Sound Transit Board on July 28, 2011, and amended on April 25, 2013. Light rail service between Seattle and the Overlake Transit Center is forecasted to begin in 2023.

Sound Transit Board Motion No. M2011-81, detailed the agreement structure between WSDOT and Sound Transit. This authorized the Umbrella Agreement for use of the I-90 Center Roadway, which is the parent agreement for I-90. As part of the Umbrella Agreement, two leases were also authorized: the Temporary Construction Airspace lease and the Operational Airspace Lease. The Operations and Maintenance Agreement is an exhibit to the Temporary Construction Airspace Lease. Sound Transit is constructing the East Link improvements under the Temporary Construction Airspace Lease.

The Operations and Maintenance Agreement, approved under Sound Transit Board Motion No. M2017-35, identifies maintenance responsibilities between the two agencies during light rail construction in the I-90 corridor. The Operations and Maintenance Agreement identifies and covers specific costs that WSDOT may incur as a result of the East Link Extension during construction, and sets forth the cost sharing for such maintenance. Replacement of bridge expansion joints was not contemplated in the Operations and Maintenance Agreement because it is work that is performed as needed only a few times throughout the life of the bridge.

The contractor for the I-90 Seattle to South Bellevue contract has informed Sound Transit that the best time for performing this work is March 2018. Fabrication and delivery of the expansion joints will take approximately five months, thus the joints must be ordered by October 2017.

## **PROJECT STATUS**

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Project Identification	Alternatives Identification	Conceptual Engineering	Preliminary Engineering	Final Design	Construction

Projected Completion Date for Construction Phase: 2Q 2023

Project scope, schedule, and budget summary located on page 45 of the June Agency Progress Report.

## **FISCAL INFORMATION**

The proposed action would authorize a reimbursement agreement with WSDOT for this betterment work. WSDOT will reimburse Sound Transit in an amount not to exceed \$1,470,000 to replace East Channel Bridge expansion joints.

Neither the costs nor the funding for this scope of work has been included in the agency's long term financial plan. Since the costs will be reimbursed to Sound Transit, this action should not impact either the agency's long-term financial plan or subarea financial capacity. If the total cost to perform this work exceeds the reimbursement amount, the agreement will be amended by a future action.

## **SMALL BUSINESS/DBE PARTICIPATION AND APPRENTICESHIP UTILIZATION**

Not applicable for this action.

## **PUBLIC INVOLVEMENT**

Throughout the development of the East Link Extension, Sound Transit has conducted an extensive public involvement program including mailings, community open houses, presentations, and meetings with individuals and neighborhood groups.

## **TIME CONSTRAINTS**

Delay of this action beyond October 2017 could force the entire replacement of the joints to remain as a WSDOT activity programmed for 2021 and impact the East Link schedule.

## **PRIOR BOARD/COMMITTEE ACTIONS**

Motion No. M2017-35: Authorized the chief executive officer to execute an Operations and Maintenance Agreement with the Washington State Department of Transportation to define maintenance responsibilities, purchase specialized vehicles, and provide payment for certain maintenance services during light rail construction in the I-90 corridor as part of the East Link Extension for a total authorized agreement amount not to exceed \$2,390,000.

Motion No. M2011-81: Implemented the East Link light rail project.

Motion No. M2004-111: Authorized the Chief Executive Officer to increase the total authorized expenditure amount for a given contract without explicit Sound Transit Board action in order to include public works betterments requested and fully-funded by public agencies in the scope of Link Light Rail and Regional Express/Sounder Capital Projects professional services and construction contracts, provided that no individual contract amendment for betterment work exceeds \$500,000 and that incorporation of such betterment work has no adverse impact on Sound Transit project work.

## **ENVIRONMENTAL REVIEW**

KH 9/7/2017

## **LEGAL REVIEW**

JW 9/11/2017



**MOTION NO. M2017-117**

A motion of the Capital Committee of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a Reimbursement Agreement with the Washington State Department of Transportation for replacement of Interstate 90 East Channel Bridge expansion joints as a betterment to the East Link Extension for a total authorized agreement amount not to exceed \$1,470,000.

**BACKGROUND:**

East Link extends light rail 14 miles from downtown Seattle to downtown Bellevue and the Overlake area of Redmond via I-90, with stations serving Rainier Avenue/I-90, Mercer Island, South Bellevue, Downtown Bellevue, Overlake Hospital, the Bel-Red Corridor, Overlake Village, and the Overlake Transit Center. The East Link project route, profiles, and station locations were selected by the Sound Transit Board on July 28, 2011, and amended on April 25, 2013. Light rail service between Seattle and the Overlake Transit Center is forecasted to begin in 2023.

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The Operations and Maintenance Agreement, approved under Sound Transit Board Motion No. M2017-35, identifies maintenance responsibilities between the two agencies during light rail construction in the I-90 corridor. The Operations and Maintenance Agreement identifies and covers specific costs that WSDOT may incur as a result of the East Link Extension during construction, and sets forth the cost sharing for such maintenance. Replacement of bridge expansion joints was not contemplated in the Operations and Maintenance Agreement because it is work that is performed as needed only a few times throughout the life of the bridge.

The proposed action establishes an agreement whereby the Washington State Department of Transportation (WSDOT) will reimburse Sound Transit to replace two 40-foot expansion joints on the I-90 East Channel Bridge between Bellevue and Mercer Island as betterment work in 2018. The expansion joint replacement is an important and necessary element of WSDOT's bridge maintenance program. The WSDOT budget provides funding to replace these expansion joints in 2021. In partnership with WSDOT, it was determined to be preferable for the expansion joint replacement to occur before rail installation on this segment of the bridge as part of the East Link Extension.

The contractor for the I-90 Seattle to South Bellevue contract has informed Sound Transit that the best time for performing this work is March 2018. Fabrication and delivery of the expansion joints will take approximately five months, thus the joints must be ordered by October 2017.

Staff will seek Board approval at a later date to amend the I-90 Seattle to South Bellevue construction contract for the East Channel Bridge expansion joints replacement betterment work, per Sound Transit Motion No. M2004-111 Third Party Public Works Betterment.

**MOTION:**

It is hereby moved by the Capital Committee of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a Reimbursement Agreement with the Washington State Department of Transportation for replacement of Interstate 90 East Channel Bridge expansion joints as a betterment to the East Link Extension for a total authorized agreement amount not to exceed \$1,470,000.

APPROVED by the Capital Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on September 14, 2017.

  
Fred Butler  
Capital Committee Chair

ATTEST:

  
Kathryn Flores  
Board Administrator