



## Motion No. M2019-88

### Task Order with Washington State Department of Transportation for Professional Services for Project Development of the I-405/Brickyard In-Line BRT Station

Meeting:	Date:	Type of action:	Staff contact:
System Expansion Committee	08/08/2019	Final Action	Don Billen, Executive Director – PEPD <b>Karen Kitsis, Deputy Executive Director, PEPD</b> <b>Bernard van de Kamp, HCT East Corridor Development Director</b> <b>Paul T. Cornish, Project Director HCT Development, BRT</b>

#### Proposed action

Authorizes the chief executive officer to execute a task order with the Washington State Department of Transportation to provide professional services for project development and environmental review of the I-405/Brickyard In-line BRT Station, in the amount of \$6,804,027 with a 10 percent contingency of \$680,403 for a total authorized amount not to exceed \$7,484,430, contingent upon Board approval of Resolution No. R2019-22.

#### Key features summary

- This action funds and authorizes execution of a task order under Umbrella Agreement GCA 3536 with the Washington State Department of Transportation (WSDOT) to complete project development, environmental review, and prepare for a design-build procurement for the in-line station at I-405 and 160th Ave NE to serve the Brickyard Park and Ride.
- Sound Transit has partnered with WSDOT to deliver the BRT Brickyard in-line Freeway Station that is part of the I-405 BRT project.
- This task order includes project administration, design development, 15 percent conceptual engineering, project requirements, issuance of the Request for Qualifications (RFQ), environmental review and permitting, community outreach, and cost estimating services. WSDOT will manage this effort.
- The task order also includes coordination with Sound Transit BRT requirements, the City of Bothell, transit partners, and other requirements.
- Subsequent task orders for issuing the Request for Proposals and completion of the design and construction will be developed and presented to the Sound Transit Board for their consideration at a future date.

#### Background

The voter-approved ST3 Plan identified an I-405 BRT station to serve the Brickyard Park and Ride. The Brickyard BRT Station is part of the overall I-405 BRT project. The I-405 BRT project will establish a BRT system from the Lynnwood Transit Center to Burien Transit Center via I-5, I-405, and SR 518. The

project consists of several elements, including new and upgraded transit centers, freeway BRT stations, new park-and-ride capacity, and non-motorized access improvements to the stations. The I-405 BRT connects to the regional transit system at three Link light rail stations and the SR 522/NE145th BRT.

The project refinement phase of the I-405 BRT recommended upgrading the existing on/off ramps bus stops at Canyon Park, NE 195<sup>th</sup> and Brickyard to the BRT station standard. This was consistent with the ST 3 plan, where the I-405 BRT buses would travel in I-405 general purpose lanes between I-5 and 128<sup>th</sup> Ave NE in Kirkland and use the exiting ramp stops.

During the 2019 legislative session, the State approved funding to construct the 2<sup>nd</sup> Express Toll Lanes (ETLs) from SR 527 (Canyon Park) to south of NE 160<sup>th</sup> Street. NE 160<sup>th</sup> Street currently provides access to the Brickyard Park and Ride in Bothell). The funding for the ETL presents an opportunity for the I-405 BRT to travel in the ETLs from SR 527 to 128<sup>th</sup> Ave NE in Kirkland continuing on to Bellevue. This would be a significant travel time saving for the I-405 BRT and greatly improve reliability.

Given this development, Sound Transit, WSDOT, the Cities of Bothell, Kirkland, and Woodinville, King County Metro Transit, UW Bothell/CC and Community Transit held a series of workshops to determine how to best take advantage of this opportunity. It became clear that in order for the I-405 BRT to use the recently funded ETLs, the planned I-405 BRT ramp stops at the Brickyard Park and Ride will need to be located into the center of I-405. Due to weaving and merge distance, the I-405 BRT cannot take advantage of the ETLs from Canyon Park to Kirkland without an in-line stop at this location. Conceptual engineering, environmental review and permitting, and design development for the I-405/Brickyard In-line BRT Station will be performed by WSDOT through this task order issued under the existing Umbrella Agreement GCA 3536 for Professional Services Performed by the Washington State Department of Transportation For Sound Transit Projects.

## Project status

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

Projected completion date for Conceptual Engineer/Environmental Review, Preliminary Engineering and Contractor Project: 1Q 2022

Project scope, schedule and budget summary are located on page 155 of the June 2019 Agency Progress Report.

## Fiscal information

This action is within the authorized project allocation to date and sufficient monies remain after approval of the action to fund the remaining work in the preliminary engineering phase as contained in the current cost estimates.

The authorized project allocation to date of the I-405 Bus Rapid Transit Project is \$258,243,000. Within the preliminary engineering phase, \$7,500,000 has been allocated to the budget line item for WSDOT Brickyard PE. The proposed action would commit \$7,484,430 to this line item and leave a remaining budget balance of \$15,570.

## I-405 Bus Rapid Transit Project

(in thousands)

Project Phase	Authorized Project Allocation to Date	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Administration	\$13,673	\$3,504	\$	\$3,504	\$10,169
Preliminary Engineering	44,230	30,782	7,484	38,266	5,964
Final Design	3,750				3,750
Third Party Agreements	1,000	233		233	767
Right of Way	65,350	45,304		45,304	20,046
Construction	130,240	118,400		118,400	11,840
Construction Services	0				
<b>Total Current Budget</b>	<b>\$258,243</b>	<b>\$198,223</b>	<b>\$7,484</b>	<b>\$205,707</b>	<b>\$52,536</b>
<b>Phase Detail - Preliminary Engineering</b>					
WSDOT Brickyard PE	\$7,500	\$	\$7,484	\$7,484	\$16
Other Preliminary Engineering	36,730	30,782		30,782	5,948
<b>Total Phase</b>	<b>\$44,230</b>	<b>\$30,782</b>	<b>\$7,484</b>	<b>\$38,266</b>	<b>\$5,964</b>

WSDOT TO Details I-405/Brickyard In-line BRT Station	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Total for Board Approval
Agreement Amount	\$	\$	\$6,804	\$6,804
Contingency			680	680
<b>Total Agreement</b>	<b>\$</b>	<b>\$</b>	<b>\$7,484</b>	<b>\$7,484</b>
Percent Contingency	0%	0%	10%	10%

### Notes:

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

\* Board Approvals = Commitment and PO Contingency Remaining as of 7/26/19.

For detailed project information, see page 209 of the 2019 Financial Plan & Adopted Budget.

## Disadvantaged and Small Business Participation

Not Applicable to this Action

## Public involvement

In Phase 2 of the I-405 Bus Rapid Transit Project, Sound Transit will share the conceptual design and environmental process with jurisdictions and the broader public. The project team will provide regular updates and opportunities to provide feedback to the general public, communities, and community service providers along the I-405 corridor, agency staff and elected officials as a part of the project's established Interagency Group and Elected Leadership Group, and interagency groups newly formed to discuss area-specific elements such as the South Renton Transit Center Interagency Group.

## Time constraints

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

## Prior Board/Committee actions

Motion No. M2006-69: Authorized the Chief Executive Officer to (1) amend the umbrella agreement with the Washington State Department of Transportation for design review services of Link projects to

include all geographical areas within the Sound Transit district and include current federal clauses; and (2) remove monetary limits established in Motion No. M2002-50.

Motion No. M2002-50: Authorized the Executive Director to execute an agreement with the Washington State Department of Transportation (WSDOT) to provide system-wide engineering services for Link Light Rail including specific services in the Initial Segment in the amount of \$1,000,000 plus a 10% contingency of \$100,000 for a total amount of \$1,100,000, and specific services in North Link in the amount of \$100,000 plus a 10% contingency of \$10,000 for a total amount of \$110,000, and for a total authorized agreement amount not to exceed \$1,210,000.

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**Environmental review** – KH 8/1/19

**Legal review** – JSA 8/2/19



## Motion No. M2019-88

A motion of the System Expansion Committee of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a task order with the Washington State Department of Transportation to provide professional services for project development and environmental review of the I-405/Brickyard In-line BRT Station, in the amount of \$6,804,027 with a 10 percent contingency of \$680,403 for a total authorized amount not to exceed \$7,484,430, contingent upon Board approval of Resolution No. R2019-22.

### Background

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**Motion**

It is hereby moved by the System Expansion Committee of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a task order with the Washington State Department of Transportation to provide professional services for project development and environmental review of the I-405/Brickyard In-line BRT Station, in the amount of \$6,804,027 with a 10 percent contingency of \$680,403 for a total authorized amount not to exceed \$7,484,430, contingent upon Board approval of Resolution No. R2019-22.

APPROVED by the System Expansion Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on August 8, 2019.



Victoria Woodards  
System Expansion Committee Vice Chair

**Attest:**



Kathryn Flores  
Board Administrator