



Motion No. M2019-20

Agreement with City of Bothell for the Construction and Construction Management Services for the Bothell BAT Lanes Component of the SR 522/NE 145th BRT Project

Meeting:	Date:	Type of action:	Staff contact:
System Expansion Committee	03/14/2019	Final Action	Ron Lewis, Executive Director, DECM Mark Johnson, Project Director, DECM Paul Cornish, Project Director, PEPD

Proposed action

Authorizes the chief executive officer to execute an agreement with the City of Bothell to provide construction and construction management services for City of Bothell's Business and Transit Lanes Component of the SR 522/NE 145th BRT Project in the amount of \$22,689,980, with a 10% contingency of \$2,268,998, for a total authorized amount not to exceed \$24,958,978.

Key features summary

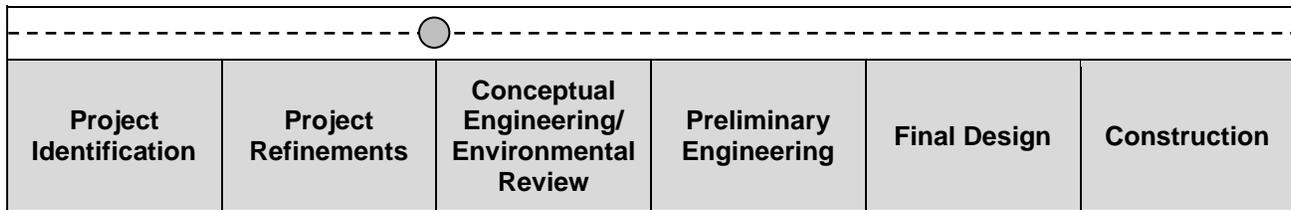
- The SR 522/NE 145th Street Bus Rapid Transit project establishes BRT service from the Link light rail station at I-5 and Northeast 145th Street to UW Bothell. On SR 522 the majority of the corridor through Lake Forest Park, Kenmore and Bothell will feature Business and Transit (BAT) lanes. This agreement would enable the City of Bothell to connect a section of BAT lanes between 96th Avenue NE and 83rd Place NE that is included in the SR 522/NE 145th BRT Project.
- Key elements include: widening of general purpose lanes to current standard, adding BAT lanes in each direction, access management, center medians, interconnection of signals, sidewalks (north side), curb and gutters, retaining walls, street illumination, drainage improvements, landscaping and utility undergrounding. The total length is approximately 4000 lineal feet.
- Sound Transit is funding these improvements as part of Sound Transit's larger SR 522/NE 145th Street Bus Rapid Transit (BRT) project. The City of Bothell has funded design, environmental documentation, and right-of-way acquisition; Sound Transit will fund the actual costs of construction and the construction administration to be performed by the city or its hired consultant.
- The agreement reimburses the City of Bothell for the construction, construction management and administration of the planned BAT lane improvements.
- The agreement identifies roles and responsibilities of each agency during the construction and construction close-out phases.
- The requested authorization is for a not-to-exceed amount based on the accepted low bid received by the City of Bothell. All construction contract costs, including change orders and construction administration costs, will be reimbursed by Sound Transit. The 10% contingency planned for this project is typical for a roadway construction contract.
- Agreement duration of approximately 36 months is anticipated for the construction, inclusive of a one-year landscaping establishment period.
- The City of Bothell will own, operate, and maintain the BAT lanes once construction is completed.

Background

The SR 522/NE 145th Street Bus Rapid Transit project establishes BRT service from the Link light rail station at I-5 and Northeast 145th Street to UW Bothell, with possible future service continuing at lower frequencies to Woodinville. On Northeast 145th Street, this project includes transit priority spot treatments to facilitate BRT movement through corridor bottlenecks. On SR 522 the majority of the corridor through Lake Forest Park, Kenmore and Bothell will feature BAT lanes, with transit-supportive enhancements on arterials from downtown Bothell to UW Bothell. This project includes nine pairs of stations, with additional parking at Lake Forest Park, Kenmore and Bothell and an expanded transit center at UW Bothell.

The Bothell BAT Lane project was designed by the City of Bothell and WSDOT to improve mobility and existing transit service in the corridor prior to voter approval of ST3 and the SR 522/NE 145th BRT Project. SEPA review was completed for this component of the project by the City of Bothell. The city completed a SEPA checklist and issued a Determination of Non-significance on April 28, 2016. WSDOT completed NEPA categorical exclusion documentation for the project in 2015 in relation to federal funding they provided to the city for the design phase. Sound Transit's environmental review of the SR 522/NE 145th BRT Project will build on and supplement the existing environmental documentation for this component of the project.

Project status



Projected completion date for Bothell BAT Lane Construction: 4Q 2020

Project completion date for SR 522/NE 145th Street Bus Rapid Transit (BRT) construction: 2024

SR 522/NE 145th BRT Project scope, schedule and budget summary are located on page 176 of the December 2018 Agency Progress Report.

Fiscal information

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

The authorized project allocation to date for the SR 522 Bus Rapid Transit (BRT) is \$52,556,000. Within that amount, \$32,800,000 has been allocated to the civil construction budget line item. The proposed action would commit \$24,958,978 to this line item and leave a remaining uncommitted balance of \$7,841,022.

SR 522 Bus Rapid Transit Project

(in thousands)

	Authorized Project	Board Approvals	This Action	Board Approved Plus	Uncommitted / (Shortfall)
Administration	\$6,588	\$1,449	\$	\$1,449	\$5,139
Preliminary Engineering	10,312	2,750		2,750	7,562
Final Design					
Third Party Agreements	1,444	165		165	1,279
Right of Way	212	60		60	152
Construction	34,000		24,959	24,959	9,041
Construction Services					
Vehicles					
Project Contingency					
Total Current Budget	\$52,556	\$4,423	\$24,959	\$29,382	\$23,174
Phase Detail					
Construction					
Civil Construction	\$32,800	\$	\$24,959	\$24,959	\$7,841
Other Construction	1,200				1,200
Total Phase	\$34,000	\$	\$24,959	\$24,959	\$9,041

Contract Detail	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
City of Bothell				
Contract Amount			\$22,690	\$22,690
Contingency			2,269	2,269
Total Contract Amount			24,959	\$24,959
Percent Contingency	0%	0%	10%	10%

Notes:

Amounts are expressed in Year of Expenditure.

Board Approvals = Committed To-Date + Contingency as of Jan 2019, and includes pending Board actions.

For detailed project information, see page 137 of the 2019 Financial Plan & Proposed Budget.

Procurement information

The City of Bothell competitively solicited constructions bid through a design-bid-build process. Four bids were submitted. The City has verified that the low bidder, Thomco Construction Inc, is qualified to complete the work.

Small business/DBE participation, apprenticeship utilization and Title IV compliance

Not applicable to this action.

Public Involvement

In addition to the Sound Transit led SR 522 / NE 145th BRT Project outreach process, the City led its own outreach specific to the Bothell BAT Lanes effort.

Time constraints

A one-month delay would require the City of Bothell to renegotiate the estimated Notice to Proceed date with the contractor which could have a cost impact.

Environmental review – KH 03/08/19

Legal review – MT 03/08/19



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A motion of the System Expansion Committee of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute an agreement with the City of Bothell to provide construction and construction management services for City of Bothell's Business and Transit Lanes Component of the SR 522/NE 145th BRT Project in the amount of \$22,689,980, with a 10% contingency of \$2,268,998, for a total authorized amount not to exceed \$24,958,978.

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Key project elements include: widening of general purpose lanes to current standard, adding BAT lanes in each direction, access management, center medians, interconnection of signals, sidewalks (north side), curb and gutters, retaining walls, street illumination, drainage improvements, landscaping and utility undergrounding. The total length is approximately 4000 lineal feet. Sound Transit is funding these improvements as part of Sound Transit's larger SR 522/NE 145th Street Bus Rapid Transit (BRT) project. The City of Bothell has funded design, environmental documentation, and right-of-way acquisition; Sound Transit will fund the actual costs of construction and the construction administration to be performed by the city or its hired consultant.

The agreement reimburses the City of Bothell for the construction, construction management and administration of the planned BAT lane improvements. The agreement identifies roles and responsibilities of each agency during the construction and construction close-out phases. The requested authorization is for a not-to-exceed amount based on the accepted low bid received by the City of Bothell. All construction contract costs, including change orders and construction administration costs, will be reimbursed by Sound Transit. The 10% contingency planned for this project is typical for a roadway construction contract. Agreement duration of approximately 36 months is anticipated for the construction, inclusive of a one-year landscaping establishment period. The City of Bothell will own, operate, and maintain the BAT lanes once construction is completed.

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 an agreement with the City of Bothell to provide construction and construction management services for City of Bothell's Business and Transit Lanes Component of the SR 522/NE 145th BRT Project in the amount of \$22,689,980, with a 10% contingency of \$2,268,998, for a total authorized amount not to exceed \$24,958,978.

APPROVED by the System Expansion Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on March 14, 2019.



Claudia Balducci
System Expansion Committee Chair

Attest:



Kathryn Flores
Board Administrator