



## Motion No. M2021-68

### Funding Agreement with City of Shoreline for the NE 145th Street/I-5 Interchange Project

Meeting:	Date:	Type of action:	Staff contact:
System Expansion Committee	11/10/2021	Recommend to Board	Don Billen, Executive Director, PEPD
Board	11/17/2021	Final action	Bernard van de Kamp, East Corridor Development Director, PEPD <b>Paul Cornish, Strategic Projects Director – Bus Rapid Transit</b>

### Proposed action

Authorizes the chief executive officer to execute an agreement with the City of Shoreline for Sound Transit to contribute funding for right of way acquisition and construction of the NE 145th Street/I-5 Interchange Project, which would construct a westbound transit priority meter for buses of an amount not to exceed \$10,000,000.

### Key features summary

- Shoreline will manage the project right of way acquisition and construction responsibilities, with oversight by WSDOT. The agreement includes provisions to ensure Sound Transit's interests are protected upon completion of construction and during operations.
- The westbound transit meter would give priority to Stride and partner transit agency buses entering the NE 145th Street/I-5 Interchange.
- The transit priority meter significantly reduces the length of Business Access and Transit (BAT) lanes required on NE 145th Street.
- The Lynnwood Link Extension construction improvements at NE 145th Street and 5th Avenue NE will be reduced to match the smaller footprint required by the roundabout and existing permits will be revised.
- Shoreline will continue to pursue grant opportunities; which could reduce Sound Transit's contribution.
- The Agreement provides for completion of the Interchange Project by December 31, 2025 and includes an option to extend the completion deadline by up to nine months without additional Board action.

### Background

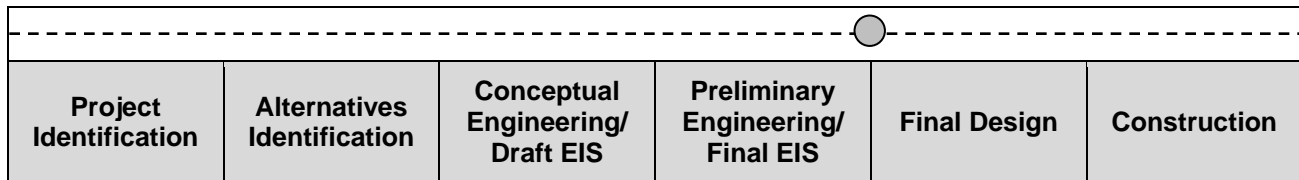
The SR 522/NE 145th Bus Rapid Transit (BRT) Project establishes BRT service along the corridor, primarily operating in business access and transit (BAT) or bus queue bypass lanes for 9 miles between Shoreline and Bothell, with separate, connecting service options to Woodinville. Funding for the SR522/NE 145th Street BRT project was approved by voters in the ST3 Plan. The Board adopted schedule for the project is 2026.

Project development involved planning and preliminary design of BRT elements, including routing, roadway and sidewalk improvements; 12 BRT station pairs between the termini; and parking facilities. The analysis during the Preliminary Engineering phase confirmed the station locations and identified speed and reliability project elements.

Sound Transit issued a State Environmental Policy Act (SEPA) Determination of Nonsignificance (DNS) for the SR 522/NE 145th BRT Project on March 25, 2021.

The Shoreline Interchange Project would replace two signalized intersections on the west (NE 145th Street/I-5 on-off ramps) and east (NE 145th Street/5th Ave NE) sides of the overpass with multi-lane roundabouts, with a westbound transit priority meter for transit entering the roundabout. The Shoreline Interchange Project also improves a shared pedestrian and bicycle path on the north side of the NE 145th Street overpass and provides improved circulation for BRT vehicles accessing and exiting the Shoreline South/NE 148th Street Station. Shoreline issued a SEPA DNS for the Interchange Project on October 15, 2021.

### Project status



Projected completion date for SR 522/NE 145th St BRT project: 2026

Project scope, schedule and budget summary are located on page 182 of the [July 2021] Agency Progress Report.

### Fiscal information

This action is within the authorized project allocation and sufficient monies remain after approval of this action to fund the remaining work in the third party agreements phase. There are no applicable taxes.

The authorized project allocation for the SR 522-NE 145th St BRT is \$148,570,000. Within the third party agreements phase, \$10,159,000 has been allocated to the budget line item for other third parties. The action would commit \$10,000,000 to this line item and coupled with previous commitments would leave a budget balance of \$25,019.20.

The current cost estimate for the SR 522-NE 145th St BRT project is \$544 million in 2019 dollars and is affordable within the Agency’s Finance Plan. This action is in alignment with the program master schedule and current authorized project allocation, and it does not impact the affordability of any other system expansion project.

Sound Transit’s funding contribution of up to \$10,000,000 for the NE 145th Street/I-5 Interchange Project is affordable within the Agency’s Finance Plan. Staff are managing the SR 522/145th BRT project toward a 2026 delivery, consistent with both Affordable and Target Schedules. This action is in alignment with Resolution No. R2021-05 and does not impact the affordability of any other system expansion project.

**SR 522 Bus Rapid Transit Project**  
(in thousands)

Project Phase	Authorized Project Allocation	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	\$9,051	\$6,862	\$	\$6,862	\$2,189
Preliminary Engineering	16,912	15,361		15,361	1,551
Final Design	19,795	699		699	19,096
Third Party Agreements	16,444	759	10,000	10,759	5,685
Right of Way	52,081	984		984	51,097
Construction	33,700	24,959		24,959	8,741
Construction Services	587				587
Vehicles					
<b>Total Current Budget</b>	<b>\$148,570</b>	<b>\$49,624</b>	<b>\$10,000</b>	<b>\$59,624</b>	<b>\$88,946</b>
<b>Phase Detail</b>					
Third Party Agreements					
Other Third Parties	\$10,159	\$134	\$10,000	\$10,134	\$25
Other	6,285	625		625	5,660
<b>Total Phase</b>	<b>\$16,444</b>	<b>\$759</b>	<b>\$10,000</b>	<b>\$10,759</b>	<b>\$5,685</b>

Agreement Detail	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
City of Shoreline				
Agreement Amount			\$10,000	\$10,000
Contingency				
<b>Total Contract</b>			<b>10,000</b>	<b>10,000</b>
Percent Contingency	0%	0%	0%	0%

**Notes:**

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

\* Board Approvals = Commitment and PO Contingency Remaining as of 10/27/21

For detailed project information, see page 149 of the 2021 Financial Plan & Adopted Budget.

**Disadvantaged and small business participation**

The agreement requires the City to include Sound Transit's apprenticeship and other small/disadvantaged business participation goals that are consistent with the intent of Sound Transit's existing Project Labor Agreement in any construction contract related to the project.

**Public involvement**

The City of Shoreline will be the lead for outreach efforts associated with the interchange project

**Time constraints**

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

## **Prior Board/Committee actions**

Resolution No. R2021-07: Selects the route, roadway improvements, and station locations for the State Route 522 (SR 522/NE 145th Bus Rapid Transit Project)

Motion No. M2020-78: Authorized the chief executive officer to execute a Partnering Agreement with the City of Shoreline for SR 522/NE 145th Bus Rapid Transit project.

Motion No. M2020-18: Authorized the chief executive officer to execute a contract modification with David Evans and Associates, Inc. to exercise a contract option for preliminary engineering services for the SR 522/NE 145th Bus Rapid Transit project in the amount of \$6,271,586 with a 10 percent contingency of \$627,159 totaling \$6,898,745, for a new total authorized contract amount not to exceed \$14,905,671.

Motion No. M2019-34: Authorized the chief executive officer to execute a contract modification with David Evans and Associates, Inc. to provide Conceptual Engineering and Environmental Review services for the SR 522/NE 145th Bus Rapid Transit project in the amount of \$4,934,304, with a 10% contingency of \$493,430 totaling \$5,427,734 for a new total authorized amount not to exceed \$8,006,925.

**Environmental review** – KH 11/3/21

**Legal review** – MT 11/5/21



## **Motion No. M2021-68**

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute an agreement with the City of Shoreline for Sound Transit to contribute funding for right of way acquisition and construction of the NE 145th Street/I-5 Interchange Project, which would construct a westbound transit priority meter for buses of an amount not to exceed \$10,000,000.

### **Background**

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Shoreline will continue to pursue grant opportunities; which could reduce Sound Transit's contribution.

The Agreement provides for completion of the Interchange Project by December 31, 2025 and includes an option to extend the completion deadline by up to nine months without additional Board action.

## Motion

It is hereby moved by the Board of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute an agreement with the City of Shoreline for Sound Transit to contribute funding for right of way acquisition and construction of the NE 145th Street/I-5 Interchange Project, which would construct a westbound transit priority meter for buses of an amount not to exceed \$10,000,000.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on November 18, 2021.

  
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Kent Keel  
Board Chair

**Attest:**

  
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Kathryn Flores  
Board Administrator