

**MOTION NO. M2018-101**
**Contract Amendment with HNTB for the RapidRide C and D Speed and Reliability Study**

<b>MEETING:</b>	<b>DATE:</b>	<b>TYPE OF ACTION:</b>	<b>STAFF CONTACT:</b>
Capital Committee	09/13/2018	Recommend to Board	Don Billen, Executive Director, PEPD Cathal Ridge, Executive Corridor Director
Board	09/27/2018	Final Action	<b>Chris Rule, Project Manager</b>

**PROPOSED ACTION**

Authorizes the chief executive officer to execute a contract amendment with HNTB to provide a speed and reliability study for RapidRide C and D Improvements in the amount of \$599,000, for a new total authorized contract amount not to exceed \$27,452,221.

**KEY FEATURES SUMMARY**

- The RapidRide C and D Improvements project is a voter-approved capped contribution under the ST3 Plan, identified within the Early Deliverables for the Central Corridor.
- This action allows staff to perform initial technical evaluation of improvements likely to increase the speed and reliability of the RapidRide C and D Lines from West Seattle to Downtown and Ballard to Downtown, respectively.
- The Preliminary Engineering Phase will include identification of potential improvement projects that can be delivered by 2024.
- These RapidRide lines overlap with and serve station areas along the future West Seattle and Ballard Link Extensions (WSBLE).
- The WSBLE project team intends to use an initial study to ensure consistency with the Sound Transit 3 Plan and inform planning for light rail from Ballard and West Seattle to Downtown.
- For these reasons, the Request for Qualifications for the contract for WSBLE project development services identified the assessment of RapidRide C and D improvements as an optional task. HNTB was determined to be the qualified firm to perform these services.
- The Board is assumed to make a subsequent determination regarding future project phases. Improvements may ultimately be delivered by King County Metro and/or the City of Seattle via third party agreement(s).

**BACKGROUND**

Within the Early Deliverables for the Central Corridor, Sound Transit 3 includes funding for capital improvements for interim express bus service to improve bus speed and reliability. This includes capped funding for capital investments for traffic signal and bus priority improvements on facilities used by King County Metro's RapidRide C and D lines to move more people more efficiently through the heavily congested Ballard and West Seattle corridors prior to light rail construction.

The RapidRide C and D Lines have the third and second highest bus ridership in the region, respectively. In the future, these routes are likely to change as light rail comes to these corridors. Sound Transit will evaluate improvements to these corridors that improve the passenger experience by reducing travel times. This project will be managed in close collaboration with the West Seattle and Ballard Link Extensions project because of the overlapping study area.

Following an initial study, staff may seek Board approval for entering third party agreements with the City of Seattle and King County Metro. Sound Transit will engage these partner agencies

throughout the life of the project. These partners will provide data on bus operations and existing conditions, and may be best positioned to construct and implement the resulting improvements.

This contract amendment enables Sound Transit to lead an initial speed and reliability study for the RapidRide C and D Line Improvements Project. The study would evaluate existing conditions, identifying locations where buses are delayed. The team would evaluate potential interventions based on a set of evaluation criteria that prioritize travel time improvement and readiness to implement the improvements by 2024. The proposed study method includes conceptual cost estimation and sketch-level drawings for the improvements, as well as traffic analysis.

**PROJECT STATUS**

<b>Project Identification</b>	<b>Alternatives Identification</b>	<b>Conceptual Engineering/ Draft EIS</b>	<b>Preliminary Engineering/ Final EIS</b>	<b>Final Design</b>	<b>Construction</b>
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Projected Completion Date for Alternatives Identification: Q3 2019

**PROCUREMENT INFORMATION**

In September 2017, Sound Transit awarded the West Seattle and Ballard High Capacity Transit study contract to HNTB, who was determined to be the most qualified firm after a competitive procurement process. During the procurement, an assessment of RapidRide C and D transit priority improvements was identified as an optional task. This action amends the existing contract with HNTB to proceed with that task.

**FISCAL INFORMATION**

The authorized project allocation to date for the RapidRide C and D Improvements project is \$2,350,000. Within that amount, \$1,600,000 has been allocated to the preliminary engineering phase. Of this amount, \$600,000 is allocated to the alternative analysis line. This proposed action will commit \$599,000 to this line, leaving a remaining uncommitted budget balance of \$1,000.

While the contract with HNTB was originally contracted for the West Seattle & Ballard Link Extensions project, this contract amendment does not impact the West Seattle & Ballard Link Extensions project. The contract is shared between projects and this action is within the scope defined when HNTB was contracted. This action will increase the contracted amount by \$599,000 from \$26,853,221 to \$27,452,221.

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

## RapidRide C&D Improvements

(in thousands)

Project Phase	Authorized Project Allocation to Date	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	\$750	\$	\$	\$	\$750
Preliminary Engineering	1,600		599	599	1,001
Final Design	0			0	0
Third Party	0			0	0
Right of Way	0			0	0
Construction	0			0	0
Construction Services	0			0	0
Vehicles	0			0	0
<b>Total Current Budget</b>	<b>\$2,350</b>	<b>\$</b>	<b>\$</b>	<b>\$599</b>	<b>\$1,751</b>
<b>Phase Detail - Preliminary Engineering</b>					
Alternative Analysis	\$600	\$	\$599	\$599	\$1
Other Preliminary Engineering	1,000			0	1,000
<b>Total Phase</b>	<b>\$1,600</b>	<b>\$</b>	<b>\$599</b>	<b>\$599</b>	<b>\$1,001</b>

Contract Detail	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
HNTB Corporation				
Contract Amount	\$24,412	\$24,412	\$599	\$25,011
Contingency	2,441	2,441		2,441
<b>Total Contract Amount</b>	<b>\$26,853</b>	<b>\$26,853</b>	<b>\$599</b>	<b>\$27,452</b>
Percent Contingency	10%	10%	0%	10%

**Notes:**

Amounts are expressed in Year of Expenditure \$000s.  
 Subjected to approval of corresponding Board Action R2018-31.

### SMALL BUSINESS/DBE PARTICIPATION AND APPRENTICESHIP UTILIZATION

Sound Transit promotes and encourages small business participation, which also includes Disadvantaged Business Enterprises (DBEs). Consistent with Sound Transit Policies and Federal Regulations, Sound Transit has established Small Business/DBE goals for this contract. These goals are based upon an examination of subcontracting opportunities contained in the work of this contract and the number of Small Businesses/DBEs available to perform such subcontracting work.

The following goals were set by Sound Transit, and HNTB Corporation has committed to the following Disadvantaged and Small Business Enterprises participation for the entire contract, including phases 1, 2 and 3:

- Sound Transit Goal:
  - Small Business: 18%
  - DBE: 11%
- Commitment:
  - Small Business: 19%
  - DBE: 12%

For the work to be performed under this contract amendment, Sound Transit has added an additional DBE subconsultant:

Subconsultant	Business Type	% of Work	Amount
Concord Engineering	DBE	9.4%	\$56,463
<b>Total</b>		<b>9.4%</b>	<b>\$56,463</b>

## **PUBLIC INVOLVEMENT**

Sound Transit is committed to actively seeking public feedback on the RapidRide C and D Improvements project. Sound Transit will seek opportunities for synergy with the robust community engagement process and activities currently underway for the West Seattle and Ballard Link Extensions project with the overarching goal of fostering public trust through transparent communication, meaningful involvement and being responsive to concerns and issues.

The West Seattle and Ballard Link Extensions project team may participate in planning and executing public engagement throughout the overlapping study area for these improvements. The project is reaching out to communities, businesses, stakeholders and agencies to shape the project by asking questions, holding conversations and seeking out ideas and comments.

A report assumed in the current project scope will inform outreach in 2019 to gather feedback on improvements likely to increase customer satisfaction. The comments gathered at public sessions will support the decision-making process for the project.

## **TIME CONSTRAINTS**

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

## **PRIOR BOARD/COMMITTEE ACTIONS**

Motion No. M2017-119: Authorized the chief executive officer to execute a contract with HNTB Corporation to provide project development services for the West Seattle and Ballard Link Extensions Project in the amount of \$24,412,019, with a 10% contingency of \$2,441,202, for a total authorized contract amount not to exceed \$26,853,221.

## **ENVIRONMENTAL REVIEW**

KH 8/1/18

## **LEGAL REVIEW**

AJP 8/10/18

## **MOTION NO. M2018-101**

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract amendment with HNTB to provide a speed and reliability study for RapidRide C and D Improvements in the amount of \$599,000, for a new total authorized contract amount not to exceed \$27,452,221.

### **BACKGROUND:**

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**MOTION:**

It is hereby moved by the Board of the Central Puget Sound Regional Transit Authority that the chief executive officer to execute a contract amendment with HNTB to provide a speed and reliability study for RapidRide C and D Improvements in the amount of \$599,000, for a new total authorized contract amount not to exceed \$27,452,221.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on September 27, 2018.



Dave Somers  
Board Chair

ATTEST:



Kathryn Flores  
Board Administrator