

MOTION NO. M2017-157
Task Order Agreement with WSDOT for Feasibility Study of Bus-on-Shoulder operations and improvements

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	12/14/2017	Final Action	Don Billen, PEPD Executive Director Kamuron Guroi, Corridor Director Eric Chipps, Project Manager

PROPOSED ACTION

Authorizes the chief executive officer to execute a task order with the Washington State Department of Transportation for professional services in conducting a feasibility study of bus-on-shoulder operations and improvements the amount of \$375,000, with a 10% contingency of \$37,500, for a total authorized task order amount not to exceed \$412,500, contingent upon Board approval of the 2018 Budget.

KEY FEATURES SUMMARY

- A study to identify and assess opportunities for operating buses on shoulders is an initial element of the Bus-on-Shoulder (BOS) program.
- This task order is for the Washington State Department of Transportation (WSDOT) to provide professional services and information to Sound Transit to establish potential feasible locations, improvements, and conceptual costs for bus-on-shoulder operations along freeways and other state facilities including I-5, I-405, SR 518, and SR 167. The study may also provide information regarding other capital improvements to increase transit speed and reliability.
- The feasibility study will be supported by a consultant retained by WSDOT, with oversight by Sound Transit, and will include participation of and coordination with local, regional and federal agencies who operate and/or oversee transit services and roadway infrastructure.
- Work supporting the feasibility study will commence upon authorization from the Sound Transit Board. WSDOT intends to have consultant services available in early 2018. The study is targeted for completion by the end of 2018.
- The task order will be issued under Umbrella Construction Agreement GCA 3361 between the WSDOT and Sound Transit.

BACKGROUND

The purpose of the BOS program is to improve transit speed and reliability by enabling buses to avoid schedule delays through the use of shoulders on freeways and other state route facilities during periods of congestion in general traffic and/or HOV lanes. Projects implemented under the BOS program will require coordination and further study with transit partners, WSDOT, and the Federal Highway Administration (FHWA) in order to determine locations where BOS operation may be feasible. Funding of the program is provided by Sound Transit and management of the program will be led by WSDOT with oversight from Sound Transit.

Results from the feasibility study will be used by Sound Transit, WSDOT, and other partner agencies to determine the next phase of the BOS program, which may include further identification of specific locations and improvements that enhance transit speed and reliability through bus-on-shoulder operations and other associated features, and development of conceptual costs, preliminary engineering, and environmental compliance documents. Undertaking subsequent

project phases and identifying specific BOS projects for construction and operation are subject to future approval by Sound Transit.

All projects funded within the BOS program are anticipated to be identified, constructed, and to commence operation between 1Q 2018 and 4Q 2024, in accordance with the System Expansion Implementation Plan.

PROJECT STATUS

●					
Project Identification	Alternatives Identification	Conceptual Engineering	Preliminary Engineering	Final Design	Construction

Projected Completion: 4Q 2018

FISCAL INFORMATION

The Bus on Shoulder program is part of the early deliverable projects in the ST3 plan approved by voters in 2016. The Bus on Shoulder program completed Phase Gate – Gate 1 – Establish Project in November. The initial project allocation for this program was included in the 2018 Proposed Transit Improvement Plan.

Contingency on the adoption of the 2018 Proposed Budget and Transit Improvement Plan, 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 for the new Bus on Shoulder Project is \$3,878,000. Within that amount \$418,000 has been set allocated to the Third Parties phase. The proposed action would commit \$412,500 to this line item and leave a remaining phase budget of \$5,500.

Bus on Shoulder Project
(in thousands)

Project Phase	2018 Authorized Project Allocation to Date*	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	\$905	\$	\$	\$	\$905
Preliminary Engineering	2,150				2,150
Third Parties	418		413	413	6
Right of Way	125				125
Construction	280	280		280	
Total Current Budget	\$3,878	\$280	\$413	\$693	\$3,186

Phase Detail - Third Parties

WSDOT	\$418	\$	\$413	\$413	\$6
Total Phase	\$2,150	\$	\$413	\$413	\$6

WSDOT Agreement GCA 3536

Task Order 31 Details	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Agreement Amount	\$	\$	375	375
Contingency Amount			38	38
Total Agreement Amount	\$	\$	413	413
Percent Contingency	0%	0%	10%	10%

Notes:

* 2018 Authorized Project Allocation to Date is pending the Board approval.
 Amounts are expressed in Year of Expenditure.
 Board Approvals = Committed To-Date + Contingency and includes pending Board actions.
 For detailed project information, see page 52 of the Proposed 2018 Transit Improvement Plan (TIP).

SMALL BUSINESS/DBE PARTICIPATION, APPRENTICESHIP UTILIZATION

Sound Transit promotes and encourages small business participation, which also includes Disadvantaged Business Enterprises (DBEs). Washington State Department of Transportation (WSDOT) will be providing construction services and will establish Small Business and DBE goals 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.

PUBLIC INVOLVEMENT

Not applicable to this action

TIME CONSTRAINTS

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

ENVIRONMENTAL REVIEW

KH 12/6/17

LEGAL REVIEW

JW 12/8/17

MOTION NO. M2017-157

A motion of the Capital 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 for professional services in conducting a feasibility study of bus-on-shoulder operations and improvements in the amount of \$375,000, with a 10% contingency of \$37,500, for a total authorized task order amount not to exceed \$412,500, contingent upon Board approval of the 2018 Budget.

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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 task order with the Washington State Department of Transportation for professional services in conducting a feasibility study of bus-on-shoulder operations and improvements in the amount of \$375,000, with a 10% contingency of \$37,500, for a total authorized task order amount not to exceed \$412,500, contingent upon Board approval of the 2018 Budget.

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



Fred Butler
Capital Committee Chair

ATTEST:



Kathryn Flores
Board Administrator