



Motion No. M2019-34

Contract Amendment with DEA, Inc. for Phase 2 Project Development Services for the SR 522/NE 145th Bus Rapid Transit Project

Meeting:	Date:	Type of action:	Staff contact:
System Expansion Committee	4/19/2019	Final action	Don Billen, PEPD Executive Director Kamuron Gurol, North Corridor Development Director – PEPD Paul Cornish, BRT Program Director – PEPD

Proposed action

Authorizes 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.

Key features summary

- This action funds and authorizes execution of a contract amendment with David Evans and Associates, Inc. for Phase 2 of project development of the SR 522/NE 145th Bus Rapid Transit (BRT) project.
- This action amends the project development services contract to include the second of the following three phases of project development:
 - Phase 1 – Alternatives Development (Motion No. M2018-17)
 - Phase 2 – Conceptual Engineering and Environmental Review (this action)
 - Phase 3 – Preliminary Engineering (future action)
- The contract for Phase 1 included options to negotiate further amendments for the completion of Phase 2 and Phase 3. Execution of Phase 3 would be subject to future Board approval.
- Phase 2 is expected to take approximately 12 months to complete. Completion of all three phases is anticipated by mid-2021.
- Sound Transit is managing the I-405 BRT and SR 522/NE 145th BRT projects concurrently to develop a seamless BRT program, including implementation of the common elements that span across corridors.

Background

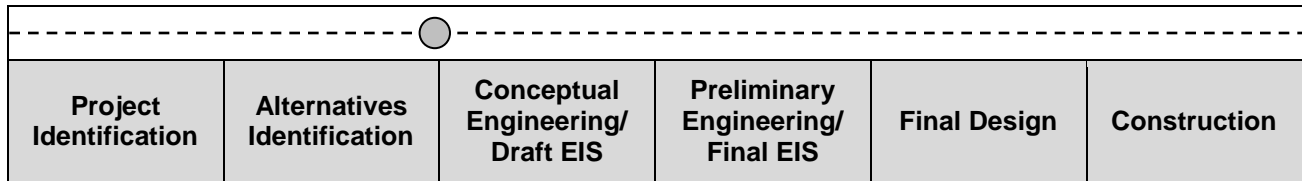
Funding for the SR 522/NE 145th BRT project was approved by voters under the ST3 Plan. The purpose of this project is to develop BRT service along SR 522/NE 145th, primarily operating in business access and transit (BAT) lanes and in bus queue bypass lanes for about 8 miles between Shoreline South/145th light rail station and UW Bothell/Cascadia College, with less frequent service and

no capital improvements between Beardslee Boulevard at the 195th/I-405 Interchange (in the vicinity of UW Bothell/Cascadia College) and Woodinville.

Project refinements to the SR 522/NE 145th BRT ST3 representative project were evaluated during Phase 1 for approximately 12 months.

The next sequence of work will involve environmental review and conceptual engineering in 2019-2020, followed by selection of the project to be built by mid-2020 by the Sound Transit Board of Directors prior to Phase 3 – Preliminary Engineering. Elements of the BRT program may be delivered earlier using alternative delivery methods to the traditional design-bid-build delivery model. These elements will be brought to the Sound Transit Board of Directors for review and approval.

Project status



Projected completion date for conceptual engineering and environmental review: 1Q 2020

Project scope, schedule and budget summary are located on page 176 of the December 2018 Agency Progress Report.

Procurement information

A Request for Qualifications (RFQ) for three phases of the project development process (Alternatives Development, Conceptual Engineering and Environmental Review, and Preliminary Engineering) was advertised on August 17, 2017. Sound Transit received five Statements of Qualifications (SOQs) on September 25, 2017. The SOQs were reviewed and evaluated per the criteria in the RFQ: Firm Experience and History, Knowledge and Experience of Key Individuals, Capacity and Project Organization, Project Understanding and Approach, Good Faith Efforts and Commitment to DBEs and other Small Businesses, and Equal Employment Opportunity (EEO) Commitment.

Based on these evaluations, three submitters were invited for interviews. The David Evans and Associates, Inc. team was determined to be the highest ranked firm based on qualifications and was invited to enter into negotiations for the contract. Sound Transit executed the contract with David Evans and Associates, Inc. on February 22, 2018.

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 for the SR 522/NE 145th BRT project is \$52,556,000. Within the preliminary engineering phase, \$9,375,000 has been allocated to the budget line item environmental assessment. The proposed action would commit an additional \$5,427,734 to this line item and leave a remaining budget balance of \$1,197,266.

SR 522 Bus Rapid Transit Project
(in thousands)

Project Phase	Authorized Project Allocation	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Administration	\$6,588	\$1,578	\$	\$1,578	\$5,010
Preliminary Engineering	10,312	2,750	5,428	8,178	2,134
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	\$29,511	\$5,428	\$34,939	\$17,617
Phase Detail					
Preliminary Engineering					
Environmental Assessment	\$9,375	\$2,750	\$5,428	\$8,178	\$1,197
Other Preliminary Engineering	937				937
Total Phase	\$10,312	\$2,750	\$5,428	\$8,178	\$2,134

Contract Detail	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
David Evans and Associates, Inc				
Contract Amount	\$2,500	\$2,500	\$4,934	\$7,434
Contingency	79	79	493	573
Total Contract	2,579	2,579	5,428	8,007
Percent Contingency	3%	3%	10%	8%

Notes:

Amounts are expressed in Year of Expenditure.

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

For detailed project information, see page 210 of the 2019 Financial Plan & Adopted Budget.

Small business 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.

For this specific contract, the following goals were set and the successful Bidder/Proposer has committed to the following small business/DBE participation:

Small business and disadvantaged business enterprise (DBE) goals	
Sound Transit small business goal: 17%	Small business commitment: 24.2%
DBE goal: 6%	DBE commitment: 19%

For this contract, the following small business/DBE Participation commitments were made:

Small business/DBE participation commitments	
Small business: 24.2%	DBE: 19%

For Phase 2, DEA, Inc. has committed to the following Disadvantaged and Small Business participation:

Subconsultant/Subcontractor	Business Type	% of Work	Amount
Casseday Consulting	DBE	0.55%	\$24,441.50
EnviroIssues	DBE	7.18%	\$317,272.14
GB Placemaking	SBE	0.43%	\$18,988.20
HRA	SBE	2.26%	\$99,637.79
HWA GeoSciences, Inc.	DBE	6.14%	\$271,392.38
Jimale Technical Services, LLC	DBE	0.42%	\$18,492.92
Langton Spieth LLC	SBE	0.88%	\$38,875.20
Michael Minor & Associates Inc.	DBE	0.97%	\$42,829.79
MPM Consulting, LLC	DBE	1.71%	\$75,612.38
Scharrer Architecture and Design	DBE	3.41%	\$150,815.20
Transportation Consulting Services	DBE	2.58%	\$114,072.00
Total		26.54%	\$1,172,429.50

Public involvement

Sound Transit is committed to proactively seeking public feedback during all stages of the SR 522/NE 145th BRT Project. The overarching goals for the stakeholder involvement program will be to foster public trust and build relationships through transparent communication, meaningful involvement, and responsiveness to comments. The project will continue to engage communities along the SR 522/NE 145th corridor, including local and elected leaders, agency partners, businesses, residents, and other stakeholders to help shape the program. Sound Transit’s open, inclusive, and ongoing stakeholder involvement program will include a variety of tools and techniques to inform and engage the public.

Sound Transit’s updated Community Engagement and Communications Plan will describe the public participation opportunities that will be conducted during the project, including public meetings, charrettes, briefings, project website, printed materials, project hotline, dedicated outreach staff, and other tools to engage the public.

In addition to Sound Transit staff who will be leading this effort, consultant resources will be required to ensure the extensive level of outreach associated with the project is completed successfully and in accordance with project milestones.

Time constraints

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

Prior Board/Committee actions

Motion No. M2018-17: Authorized the chief executive officer to execute a contract with David Evans and Associates, Inc. to provide development services for the ST 522/NE 145th Bus Rapid Transit project in the amount of \$2,500,000, with a 10% contingency of \$250,000, for a total authorized contract amount not to exceed \$2,750,000.

Environmental review – KH 4/5/19

Legal review – AJP 4/4/19



Motion No. M2019-34

A motion of the System Expansion Committee of the Central Puget Sound Regional Transit Authority authorizing 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.

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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 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.

APPROVED by the System Expansion Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on April 19, 2019.



Claudia Balducci
System Expansion Committee Chair

Attest:



Kathryn Flores
Board Administrator