



Motion No. M2022-46

Contract Modifications to Specific Contracts for the NE 130th Street Infill Station Project

Meeting:	Date:	Type of action:	Staff contact:
System Expansion Committee Board	06/09/2022 06/23/2022	Recommend to Board Final action	Ron Lewis, DECM Executive Director Josh Pategas, Deputy Project Director – Lynnwood Link Extension

Proposed action

(1) Authorizes the chief executive officer to execute contract modifications to specific existing Lynnwood Link Extension contracts, for the NE 130th Street Infill Station project with:

- a) Stacy & Witbeck / Kiewit / Hoffman JV for civil construction services for the NE 130th Street Infill Station for an additional \$14,000,000 with an 8 percent contingency of \$1,120,000 for a new total authorized contract amount not to exceed \$910,178,746;
- b) PGH Wong Engineering, Inc. for civil construction management consultant services for the NE 130th Street Infill Station in the amount of \$10,720,000 with a 10 percent contingency of \$1,071,000 for a new total authorized contract amount not to exceed \$116,700,361;
- c) LTK Engineering Services, LLC for systems design services during construction of the NE 130th Street Infill Station in the amount of \$470,153 with a 10 percent contingency of \$47,015 for a new total authorized contract amount not to exceed \$16,435,748; and

(2) Authorizes increases to the contract contingency values for specific existing Lynnwood Link Extension contracts for the NE 130th Street Infill Station Project:

- d) Mass Electric Construction Company for systems construction services for the NE 130th Street Infill Station for an additional maximum value of up to \$14,627,380 for a new total authorized contract amount up to a maximum not to exceed of \$173,949,000;
- e) Northwest Transit Systems Partners for systems construction management services for the NE 130th Street Infill Station for an additional maximum value of up to \$2,516,000 for a new total authorized contract amount up to a maximum not to exceed of \$23,947,549;
- f) HNTB Jacobs Trusted Design Partners (a Joint Venture of HNTB Corporation and Jacobs Engineering Group, Inc.), HNTB Corporation, and Jacobs Engineering Group, Inc., for civil design services during construction of the NE 130th Street Infill Station for an additional maximum value of up to \$6,337,589 for a new total authorized contract amount up to a maximum not to exceed of \$160,581,559.

All actions are contingent upon Board approval of the baseline project budget through Resolution No. R2022-17.

Key features summary

- This action is contingent upon and utilizes portions of the baseline project budget to be authorized in Resolution No. R2022-17.
- This action authorizes a contract modification with the existing Lynnwood Link Extension civil construction contractor Stacy & Witbeck / Kiewit / Hoffman JV for construction of the NE 130th Street Infill Station superstructure and platform canopy framing, including installation of the precast concrete girders and canopy structural steel authorized in Motion No. M2021-63 and Resolution No. R2021-17.
- This action provides additional authorized amounts for other existing Lynnwood Link Extension contracts for completion and commissioning of the NE 130th Street Infill Station, including:
 - The systems construction contract for remaining signalization and communications construction of the NE 130th Street Infill Station; and
 - Professional services agreements to support construction, including construction management services and design support during construction for systems and civil construction.
- These contract actions advance timely construction of station platform superstructure and platform canopy framing work to be completed before activation of the Lynnwood Link Extension overhead catenary system
- Completing this work now reduces construction risks, single tracking, and shutdowns of revenue operations for Lynnwood Link that may be necessary when working adjacent to a live system.
- The foundations and substructures needed to support the aerial NE 130th Street Infill Station have been completed by the existing Lynnwood Link Extension civil construction contract. This action will complete the station superstructure and platform, and future Board action(s) will be requested to complete the civil station construction.
- This action is within the project's baseline budget and does not have an impact on the affordability of the Agency's Finance Plan and or any other system expansion project.

Background

The NE 130th Street Infill Station is located along the Lynnwood Link Extension (LLE) alignment, in the City of Seattle north of the Northgate Station and south of the Shoreline South/148th Station in Shoreline. The aerial infill station is an ST3 project with an originally scheduled start date of 2024 and a planned opening of 2031. On August 5, 2021, as part of the Board's actions with realignment, the opening date of this station was advanced.

A station at NE 130th Street was evaluated in the 2015 LLE Final Environmental Impact Statement (EIS) and mitigation commitments for the station are documented in the Federal Transit Administration's Record of Decision (ROD).

In September 2018, the Sound Transit Board authorized advancing Preliminary Engineering for the project to determine if all or part of the station could be constructed earlier than planned under ST3, concurrently with LLE. The purpose was to explore opportunities to avoid or minimize future service impacts to LLE, scheduled to open for revenue service in 2024. New information from the 2019 NE 130th Station Conceptual Design Report was included in the Lynnwood Link Extension Additional Project Refinements / NEPA Re-evaluation approved by FTA in January 2020.

In February 2020, the Board authorized advancing Final Design and construction of the station foundations and in August 2021, the Board authorized a project delivery date of 2025. The project team has completed Preliminary Engineering and Final Design, and initial construction of structural elements has commenced as part of the Lynnwood Link Extension.

Through April of 2022, the LLE Northgate to NE 200th Street civil construction contractor is substantially complete with construction of the initial package, consisting of the foundations and substructure integrated with the LLE guideway through the station area. Final design of the second (platform superstructure and canopy framing) and third (plaza, vertical circulation, and street improvements) packages advanced throughout 2020 and 2021. The second and third packages are currently at Issued for Construction (IFC) design level. Concurrently, Sound Transit collaborated with the City of Seattle to review design and develop a permitting strategy that aligns with the second and third packages.

The target and affordable schedules for the NE 130th project, adopted by the Board in realignment, showed the project would open in 2025. In April 2022, Sound Transit reported that project costs have increased and that without additional funding, meeting either the target or affordable schedules is not possible. In order to keep the NE 130th project within the budget set during realignment, the baseline project delivery is now proposed for Q2 2026.

The anticipated procurement approach utilizes the GC/CM for the heavy civil elements incorporated in the second design package (platform superstructure and canopy framing) and utilizes a future traditional design-bid-build competitive procurement(s) for construction of the remaining station elements (the third package described above). This approach is expected to enable project delivery within the proposed baseline project budget allocation.

This action would authorize the existing Lynnwood Link civil construction contractor to complete the platform superstructure and platform canopy framing and provide funding for systems construction, civil and systems construction management, and civil and systems design services during construction through station opening. Future civil construction contract or contracts will be brought to the Board at a future date to authorize remaining civil construction.

Project status

Project Identification	Alternatives Identification	Conceptual Engineering/ Draft EIS	Preliminary Engineering/ Final EIS	Final Design	Construction
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Projected completion date for Revenue Service: Q2 2026

Project scope, schedule and budget summary are located on page 101 of the March 2022 Agency Progress Report.

Procurement information

Civil Construction Contract

The Lynnwood Link Extension Northgate to NE 200th (L200) contract uses the Heavy Civil GC/CM contracting method, awarded to Stacy & Witbeck / Kiewit / Hoffman JV in May 2016 as authorized in Motion No. M2016-51.

The construction contract identified the NE 130th Street Station as a scope element which Sound Transit could incorporate into the contract via Change Order. In Motion No. M2020-14, the Board authorized amendment of the contract to advance construction of the foundation and substructure elements of the

Station. This action would authorize amendment of the GC/CM contract for construction of the next stage of civil construction, inclusive of the superstructure and platform canopy structural framing. The negotiated costs included in this action are consistent with the independent cost estimate and are considered fair and reasonable.

Civil Construction Management Services

PGH Wong Engineering, Inc. was selected to provide civil construction management consultant services for the Lynnwood Link Extension on the basis of qualifications and was awarded a professional services contract in April 2016 as authorized in Motion No. M2016-41. The original agreement included reference to the NE 130th Street Infill Station as a potential future scope element.

In Motion No. M2020-14, the Board authorized amendment of the Lynnwood Link Extension civil construction management consulting services contract to include civil construction management services for the foundation and substructure elements of the NE 130th Street Infill Station. This action would authorize further amendment of the professional services agreement to include civil construction management services for the remaining station construction, inclusive of both superstructure and station finishes.

The proposed amendment has been reviewed, the vendor's proposal has been compared to the independent cost estimate, and this negotiated total has been determined to represent fair and reasonable compensation for the additional level of effort contemplated therein.

Systems Design Support during Construction Services

LTK Engineering Services, LLC was selected to provide systems final design services for the Lynnwood Link Extension on the basis of qualifications and was awarded a professional services contract in June 2016 as authorized in Motion No. M2016-61.

In Motion No. M2020-14, the Board authorized amendment of the current Lynnwood Link Extension systems final design contract with LTK Engineering Services, LLC to include systems final design services for the NE 130th Street Infill Station. This action would authorize further amendment of the professional services agreement to include design support during construction services for the remaining station construction. The proposed scope was anticipated as a future option in the amendment authorizing final design work for the Station project.

The proposed amendment has been reviewed, the vendor's proposal has been compared to the independent cost estimate, and this negotiated total has been determined to represent fair and reasonable compensation for the additional level of effort contemplated therein.

Systems Construction Contract

In July 2020 as part of Motion No. M2020-42, Sound Transit exercised the Lynnwood Link Extension option within the systems construction Heavy Civil GC/CM contract with Mass Electric Construction Company to provide systems construction for the Lynnwood Link Extension.

In Motion No. M2020-14, the Board authorized amendment of the systems construction contract with Mass Electric to include systems construction for the NE 130th Street Infill Station as necessary to support initial systems construction and preconstruction services. This action would authorize amendment of the construction agreement to increase contracting authority to allow the contractor to provide systems construction for the remaining station construction.

An independent cost estimate has been prepared, and the cost proposal from the GC/CM contractor for the NE 130th Station systems construction is still being negotiated. The amount reflected in this staff report will be held in contract contingency until negotiations are finalized.

Systems Construction Management Services

In July 2020 the Board authorized exercising an option in the existing contract with Northwest Transit Systems Partners to supply systems construction management consulting services for the Lynnwood Link Extension, in Motion No. M2020-43.

In Motion No. M2020-14, the Board authorized amendment of the current Lynnwood Link Extension systems construction management contract to include systems construction management services for the preconstruction phase of the NE 130th Street Infill Station. This action would authorize further amendment of the professional services agreement to include systems construction management services for the remaining station systems construction, inclusive of signalization and communications elements.

An independent cost estimate has been prepared, and the cost proposal from the vendor is still being negotiated using previously negotiated staffing rates and projected staffing needs. The amount reflected in this staff report will be held in contract contingency until negotiations are finalized.

Civil Design Support during Construction Services

In March 2016, the Board authorized a professional services contract with HNTB Jacobs Trusted Design Partners (a Joint Venture of HNTB Corporation and Jacobs Engineering Group, Inc.), HNTB Corporation, and Jacobs Engineering Group, Inc., for the final design of the Lynnwood Link Extension

The contract included the option to execute a change order for work on the NE 130th Street Infill Station. The Board authorized exercising this option through approval of Motion No. M2019-04.

Civil design services during construction was included as an optional task in the contract amendment authorizing NE 130th Street Infill Station design at the time of execution of the amendment. This action will authorize the addition of design services during construction to the scope of work.

An independent cost estimate has been prepared, and the cost proposal from the vendor is still being negotiated using previously negotiated staffing rates and projected staffing needs. The amount reflected in this staff report will be held in contract contingency until negotiations are finalized.

Fiscal information

Contingent upon the Board approval of the budget amendment through Resolution No. R2022-17, the baseline budget for the NE 130th Street Infill Station project is \$240,155,000.

This action is a concurrent action with Motion No. M2022-47 and the totals in the table below assume approval of the action.

Within the baseline budget, \$17,588,000 has been allocated to final design phase. The action would commit an additional

- a) \$470,153 with a 10 percent contingency of \$47,015 for total amount of \$517,015 with LTK Engineering Services, LLC for systems design services during construction.
- b) \$6,337,589 with HNTB Jacobs Trusted Design Partners (a Joint Venture of HNTB Corporation and Jacobs Engineering Group, Inc.), HNTB Corporation, and Jacobs Engineering Group, Inc., for civil design services, and leave a remaining budget of \$640,435.

Within the baseline budget, \$192,644,000 has been allocated to construction phase. The action would commit an additional

- a) \$14,000,000 with an 8 percent contingency of \$1,120,000 for total amount of \$15,120,000 with Stacy & Witbeck / Kiewit / Hoffman JV for civil construction services.

- b) \$14,627,380 with Mass Electric Construction Company for systems construction services and leave a remaining budget of \$148,384,764.

Within the baseline budget, \$17,330,000 has been allocated to construction services phase. The action would commit an additional

- a) \$10,720,000 with a 10 percent contingency of \$1,071,000 for total amount of \$11,791,000 with PGH Wong Engineering, Inc. for civil construction management consultant services.
- b) \$2,516,000 for Northwest Transit Systems Partners for systems construction management services and leave a remaining budget of \$1,142,206.

NE 130th Street Infill Station

(in thousands)

	Authorized Project Allocation	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Administration	\$8,087	\$2,256		\$2,256	\$5,831
Preliminary Engineering	2,711	2,711		2,711	
Final Design	17,588	10,093	6,855	16,948	640
Third Party Agreements	1,699	789		789	910
Right of Way	96				96
Construction	192,644	14,512	29,747	44,259	148,385
Construction Services	17,330	1,881	14,307	16,188	1,142
Vehicles					
Project Contingency					
Total Current Budget	\$240,155	\$32,241	\$50,909	\$83,150	\$157,005

Phase Detail	Authorized Project Allocation	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Final Design					
Civil Design Services During Construction	\$7,554	\$1,216	\$6,338	\$7,554	\$
System Design Services During Construction	547		517	517	30
Other Phase Detail Final Design	9,487	8,876		8,876	611
Total Phase	\$17,588	\$10,093	\$6,855	\$16,948	\$640

LTK Engineering Services, LLC.	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Detail				
Contract Amount - NE 130th St Infill Station	\$1,122	\$1,122	\$470	\$1,593
Contingency - NE 130th St Infill Station	110	110	47	157
Contract Amount - Other projects	13,684	14,469		13,684
Contingency - Other projects	1,002	217		1,002
Total Contract Amount	\$15,919	\$15,919	\$517	\$16,436
Percent Contingency	8%	2%	10%	8%
Sound Transit Share	\$15,919	\$15,919	\$517	\$16,436

HNTB Jacobs Trusted Design Partners, (Joint Venture)	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Detail				
Contract Amount - NE 130th Infill project	\$10,622	\$11,182	\$6,338	\$16,960
Contingency - NE 130th St Infill Station	689	130		689
Contract Amount - Other projects	121,599	133,955		121,599
Contingency - Other projects	21,333	8,978		21,333
Total Contract Amount	\$154,244	\$154,244	\$6,338	\$160,582
Percent Contingency	17%	6%	0%	16%

Phase Detail	Authorized Project Allocation	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Construction					
System Construction	\$15,589	\$962	\$14,627	\$15,589	\$
Civil Construction	148,679	10,410	15,120	25,530	123,149
Other Phase Detail Construction	28,376	3,140		3,140	25,236
Total Phase	\$192,644	\$14,512	\$29,747	\$44,259	\$148,385

Stacy&Whitbeck/Kiewit/Hoffman JV	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Detail				
Contract Amount - NE 130th Infill project	\$8,456	\$8,456	\$14,000	\$22,456
Contingency - NE 130th St Infill Station	1,954	1,954	1,120	3,074
Contract Amount - Other projects	855,530	855,530		855,530
Contingency - Other projects	29,118	29,118		29,118
Total Contract Amount	\$895,059	\$895,059	\$15,120	\$910,179
Percent Contingency	4%	4%	8%	4%
Less Betterment	939	939		939
Sound Transit Share	\$894,120	\$894,120	\$15,120	\$909,240

Mass Electric Construction Company	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Detail				
Contract Amount - NE 130th Infill project	\$874	\$874	\$14,627	\$15,502
Contingency - NE 130th St Infill Station	87	87		87
Contract Amount - Other projects	148,000	148,104		148,000
Contingency - Other projects	10,360	10,256		10,360
Total Contract Amount	\$159,322	\$159,322	\$14,627	\$173,949
Percent Contingency	7%	7%	0%	6%

Phase Detail	Authorized Project Allocation	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Construction Services					
System Construction Management	\$2,516	\$	\$2,516	\$2,516	\$
Civil Construction Management	13,037	1,246	11,791	13,037	
Other Phase Detail Construction Services	1,777	635		635	1,142
Total Phase	\$17,330	\$1,881	\$14,307	\$16,188	\$1,142

PGH Wong Engineering, Inc	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Detail				
Contract Amount - NE 130th Infill project	\$1,206	\$1,206	\$10,720	\$11,926
Contingency - NE 130th St Infill Station	40	40	1,071	1,111
Contract Amount - Other projects	78,252	78,252		78,252
Contingency - Other projects	25,412	25,412		25,412
Total Contract Amount	\$104,909	\$104,909	\$11,791	\$116,700
Percent Contingency	32%	32%	10%	29%

Northwest Transit Systems Partners	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Detail				
Contract Amount - NE 130th Infill project	\$	\$	\$2,516	\$2,516
Contingency - NE 130th St Infill Station				
Contract Amount - Other projects	20,059	20,059		20,059
Contingency - Other projects	1,372	1,372		1,372
Total Contract Amount	\$21,432	\$21,432	\$2,516	\$23,948
Percent Contingency	7%	7%	0%	6%

Notes:

Amounts are expressed in Year of Expenditure.

Board Approvals = Committed To-Date + Contingency and includes pending Board actions as 5/26/2022

Details of this project will be found on page 111 of 219 in the 2022 Financial Plan & Adopted Budget book.

These actions are within the revised baseline budget and sufficient monies remain after approval of the action to fund the remaining work in the final design, construction, and construction services phase.

This action is within the project’s baseline budget and does not have an impact on the affordability of the Agency’s Finance Plan and or any other system expansion project.

Disadvantaged and small business participation

Participation by small businesses and disadvantaged business enterprises (DBEs)

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 the civil construction contract, the following goals were set and Stacy & Witbeck / Kiewit / Hoffman JV committed to the following small business/DBE participation:

Small business and disadvantaged business enterprise (DBE) goals	
Sound Transit small business goal: 12%	Small business commitment: 12.043%
DBE goal: 4%	DBE commitment: 5.152%

For the civil construction management services consultant contract, the following goals were set and PGH Wong Engineering, Inc. committed to the following small business/DBE participation:

Small business and disadvantaged business enterprise (DBE) goals	
Sound Transit small business goal: 14.10%	Small business commitment: 14.1%
DBE goal: 7.10%	DBE commitment: 7.1%

For the civil design support during construction services consultant contract, the following goals were set and LTK Engineering Services, LLC committed to the following Small Business/DBE participation:

Small business and disadvantaged business enterprise (DBE) goals	
Sound Transit small business goal: 8%	Small business commitment: 30.59%
DBE goal: 5%	DBE commitment: 28.74%

For the systems construction contract, the following goals were set and Mass Electric Construction Company committed to the following small business/DBE participation:

Small business and disadvantaged business enterprise (DBE) goals	
Sound Transit small business goal: 6%	Small business commitment: 6%
DBE goal: 3%	DBE commitment: 3%

For the systems construction management services consultant contract, the following goals were set and Northwest Transit Systems Partners committed to the following small business/DBE participation:

Small business and disadvantaged business enterprise (DBE) goals	
Sound Transit small business goal: 9.5%	Small business commitment: 11%
DBE goal: 4.5%	DBE commitment: 6%

For the systems design support during construction services consultant contract, the following goals were set and HNTB Jacobs Trusted Design Partners committed to the following Small Business/DBE participation:

Small business and disadvantaged business enterprise (DBE) goals	
Sound Transit small business goal: 7%	Small business commitment: 16.5%
DBE goal: 7%	DBE commitment: 10%

The small and disadvantaged business commitments from each vendor will apply to the additional scope authorized in this motion.

Public involvement

Not applicable to this action.

Time constraints

A one-month delay in approval of this action will delay the scheduled commencement of girder installation by the civil construction contractor.

Prior Board/Committee actions

Stacy & Witbeck / Kiewit / Hoffman JV

Motion No. M2021-63: Authorized the chief executive officer to increase specific contracts and agreements as necessary to support schedule-critical activities enabling the full build option for the NE 130th Street Infill Station, increasing authorization within the construction phase by \$7,513,000 for a total limited funding authorization amount not to exceed \$27,513,000 contingent upon Board approval of Resolution No. R2021-17.

Motion No. 2020-14: Authorized the chief executive officer to increase specific contracts and agreements as necessary to support the Advance Incrementally or Advance Fully options for the NE 130th Street Infill Station, for a total limited funding authorization amount not to exceed \$20,000,000 contingent upon Board approval of Resolution No. R2020-01.

PGH Wong Engineering, Inc.

Motion No. 2020-14: Authorized the chief executive officer to increase specific contracts and agreements as necessary to support the Advance Incrementally or Advance Fully options for the NE 130th Street Infill Station, for a total limited funding authorization amount not to exceed \$20,000,000 contingent upon Board approval of Resolution No. R2020-01.

LTK Engineering Services, LLC

Motion No. 2020-14: Authorized the chief executive officer to increase specific contracts and agreements as necessary to support the Advance Incrementally or Advance Fully options for the NE

130th Street Infill Station, for a total limited funding authorization amount not to exceed \$20,000,000 contingent upon Board approval of Resolution No. R2020-01.

Mass Electric Construction Company

Motion No. M2021-63: Authorized the chief executive officer to increase specific contracts and agreements as necessary to support schedule-critical activities enabling the full build option for the NE 130th Street Infill Station, increasing authorization within the construction phase by \$7,513,000 for a total limited funding authorization amount not to exceed \$27,513,000 contingent upon Board approval of Resolution No. R2021-17.

Northwest Transit Systems Partners

Motion No. 2020-14: Authorized the chief executive officer to increase specific contracts and agreements as necessary to support the Advance Incrementally or Advance Fully options for the NE 130th Street Infill Station, for a total limited funding authorization amount not to exceed \$20,000,000 contingent upon Board approval of Resolution No. R2020-01.

HNTB Jacobs Trusted Design Partners

Motion No. 2020-14: Authorized the chief executive officer to increase specific contracts and agreements as necessary to support the Advance Incrementally or Advance Fully options for the NE 130th Street Infill Station, for a total limited funding authorization amount not to exceed \$20,000,000 contingent upon Board approval of Resolution No. R2020-01.

Motion No. M2019-04: Authorized the chief executive officer to execute a contract amendment with HNTB Jacobs Trusted Design Partners (a Joint Venture of HNTB Corporation and Jacobs Engineering Group, Inc.), HNTB Corporation, and Jacobs Engineering Group, Inc., to provide conceptual engineering and preliminary engineering services for the NE 130th Street Infill Station project in the amount of \$2,561,477, with a 10% contingency of \$256,148 totaling \$2,817,625, for a new total authorized contract amount not to exceed \$106,564,974.

Overall Project

Motion No. M2021-63: Authorized the chief executive officer to increase specific contracts and agreements as necessary to support schedule-critical activities enabling the full build option for the NE 130th Street Infill Station, increasing authorization within the construction phase by \$7,513,000 for a total limited funding authorization amount not to exceed \$27,513,000 contingent upon Board approval of Resolution No. R2021-17.

Resolution R2021-17: Amended the adopted budget for the NE 130th Street Infill Station by increasing the project allocation by \$7,513,000 from \$28,904,000 to \$36,417,000 to provide funding for Motion No. M2021-63 to support schedule-critical activities enabling the full build option for the NE 130th Street Infill Station.

Resolution No. R2021-05: Established a flexible and accountable framework to implement ST2 and ST3 projects not yet in construction as close as possible to the dates promised to the voters that (1) allows project work to proceed right away within the confines of an affordable financial plan; (2) prioritizes maintaining project schedules through an accountable and transparent process to update the agency's revenue assumptions and financing approach and address cost increases at the project and program level; and (3) positions the agency to react quickly as new information becomes available, particularly on the revenue side, and provides greater oversight for the Board and transparency to the public through oversight mechanisms, including an annual Board program review of updated revenue and cost projections to allow the Board to revisit the realigned capital plan assumptions based on shifts in projected financial capacity and opportunities to expedite projects.

Resolution No. R2020-01: Amended the adopted budget for the NE 130th Street Infill Station to allow the project final design phase to begin in 2020. This action supports the Advance Incrementally or

Advance Fully options for the NE 130th Street Infill Station by (a) increasing the authorized project allocation from \$6,769,000 to \$28,904,000, and (b) increasing the adopted 2020 annual project allocation from \$2,297,648 to \$17,038,167. This action was contingent upon the Board's decision in Motion No. M2020-13.

Motion No. M2020-14: Authorized the chief executive officer to increase specific contracts and agreements as necessary to support the Advance Incrementally or Advance Fully options for the NE 130th Street Infill Station, for a total limited funding authorization amount not to exceed \$20,000,000 contingent upon Board approval of Resolution No. R2020-01.

Motion No. M2020-13: Identified an implementation approach for the NE 130th Street Infill Station.

Motion No. M2019-04: Authorized the chief executive officer to execute a contract amendment with HNTB Jacobs Trusted Design Partners (a Joint Venture of HNTB Corporation and Jacobs Engineering Group, Inc.), HNTB Corporation, and Jacobs Engineering Group, Inc., to provide conceptual engineering and preliminary engineering services for the NE 130th Street Infill Station project in the amount of \$2,561,477, with a 10% contingency of \$256,148 totaling \$2,817,625, for a new total authorized contract amount not to exceed \$106,564,974.

Resolution No. R2018-34: (1) Amended the adopted 2018 annual budget to create the NE 130th Street Infill Station project by (a) establishing the authorized project allocation to date in the amount of \$6,769,000 and (b) establishing the 2018 Annual Budget in the amount of \$315,000, and (2) authorized acceleration of the preliminary engineering phase to begin in 2018.

Environmental review – KH 5/27/22

Legal review – JSA 6/6/22



Motion No. M2022-46

A motion of the Board of the Central Puget Sound Regional Transit Authority (1) Authorizing the chief executive officer to execute contract modifications to specific existing Lynnwood Link Extension contracts, for the NE 130th Street Infill Station project with: a) Stacy & Witbeck / Kiewit / Hoffman JV for civil construction services for the NE 130th Street Infill Station for an additional \$14,000,000 with an 8 percent contingency of \$1,120,000 for a new total authorized contract amount not to exceed \$910,178,746; b) PGH Wong Engineering, Inc. for civil construction management consultant services for the NE 130th Street Infill Station in the amount of \$10,720,000 with a 10 percent contingency of \$1,071,000 for a new total authorized contract amount not to exceed \$116,700,361; c) LTK Engineering Services, LLC for systems design services during construction of the NE 130th Street Infill Station in the amount of \$470,153 with a 10 percent contingency of \$47,015 for a new total authorized contract amount not to exceed \$16,435,748; and (2) Authorizing increases to the contract contingency values for specific existing Lynnwood Link Extension contracts for the NE 130th Street Infill Station Project: d) Mass Electric Construction Company for systems construction services for the NE 130th Street Infill Station for an additional maximum value of up to \$14,627,380 for a new total authorized contract amount up to a maximum not to exceed of \$173,949,000; e) Northwest Transit Systems Partners for systems construction management services for the NE 130th Street Infill Station for an additional maximum value of up to \$2,516,000 for a new total authorized contract amount up to a maximum not to exceed of \$23,947,549; f) HNTB Jacobs Trusted Design Partners (a Joint Venture of HNTB Corporation and Jacobs Engineering Group, Inc.), HNTB Corporation, and Jacobs Engineering Group, Inc., for civil design services during construction of the NE 130th Street Infill Station for an additional maximum value of up to \$6,337,589 for a new total authorized contract amount up to a maximum not to exceed of \$160,581,559. All actions are contingent upon Board approval of the baseline project budget through Resolution No. R2022-17.

Background

The NE 130th Street Infill Station is located along the Lynnwood Link Extension (LLE) alignment, in the City of Seattle north of the Northgate Station and south of the Shoreline South/148th Station in Shoreline. The aerial infill station is an ST3 project with an originally scheduled start date of 2024 and a planned opening of 2031. On August 5, 2021, as part of the Board's actions with realignment, the opening date of this station was advanced.

A station at NE 130th Street was evaluated in the 2015 LLE Final Environmental Impact Statement (EIS) and mitigation commitments for the station are documented in the Federal Transit Administration's Record of Decision (ROD).

In September 2018, the Sound Transit Board authorized advancing Preliminary Engineering for the project to determine if all or part of the station could be constructed earlier than planned under ST3, concurrently with LLE. The purpose was to explore opportunities to avoid or minimize future service impacts to LLE, scheduled to open for revenue service in 2024. New information from the 2019 NE 130th Station Conceptual Design Report was included in the Lynnwood Link Extension Additional Project Refinements / NEPA Re-evaluation approved by FTA in January 2020.

In February 2020, the Board authorized advancing Final Design and construction of the station foundations and in August 2021, the Board authorized a project delivery date of 2025. The project team has completed Preliminary Engineering and Final Design, and initial construction of structural elements has commenced as part of the Lynnwood Link Extension.

Through April of 2022, the LLE Northgate to NE 200th Street civil construction contractor is substantially complete with construction of the initial package, consisting of the foundations and substructure integrated with the LLE guideway through the station area. Final design of the second (platform superstructure and canopy framing) and third (plaza, vertical circulation, and street improvements) packages advanced throughout 2020 and 2021. The second and third packages are currently at Issued for Construction (IFC) design level. Concurrently, Sound Transit collaborated with the City of Seattle to review design and develop a permitting strategy that aligns with the second and third packages.

The target and affordable schedules for the NE 130th project, adopted by the Board in realignment, showed the project would open in 2025. In April 2022, Sound Transit reported that project costs have increased and that without additional funding, meeting either the target or affordable schedules is not possible. In order to keep the NE 130th project within the budget set during realignment, the baseline project delivery is now proposed for Q2 2026.

The anticipated procurement approach utilizes the GC/CM for the heavy civil elements incorporated in the second design package (platform superstructure and canopy framing) and utilizes a future traditional design-bid-build competitive procurement(s) for construction of the remaining station elements (the third package described above). This approach is expected to enable project delivery within the proposed baseline project budget allocation.

This action authorizes a contract modification with the existing Lynnwood Link Extension civil construction contractor Stacy & Witbeck / Kiewit / Hoffman JV for construction of the NE 130th Street Infill Station superstructure and platform canopy framing, including installation of the precast concrete girders and canopy structural steel authorized in Motion No. M2021-63 and Resolution No. R2021-17.

This action is contingent upon and utilizes portions of the baseline project budget to be authorized in Resolution No. R2022-17.

This action provides additional authorized amounts for other existing Lynnwood Link Extension contracts for completion and commissioning of the NE 130th Street Infill Station, including:

- The systems construction contract for remaining signalization and communications construction of the NE 130th Street Infill Station; and
- Professional services agreements to support construction, including construction management services and design support during construction for systems and civil construction.

Completing this work now reduces construction risks, single tracking, and shutdowns of revenue operations for Lynnwood Link that may be necessary when working adjacent to a live system. This action is within the project's baseline budget and does not have an impact on the affordability of the Agency's Finance Plan and or any other system expansion project.

Motion

It is hereby moved by the Board of the Central Puget Sound Regional Transit Authority that (1) the chief executive officer is authorized to execute contract modifications to specific existing Lynnwood Link Extension contracts, for the NE 130th Street Infill Station project with: a) Stacy & Witbeck / Kiewit / Hoffman JV for civil construction services for the NE 130th Street Infill Station for an additional \$14,000,000 with an 8 percent contingency of \$1,120,000 for a new total authorized contract amount not to exceed \$910,178,746; b) PGH Wong Engineering, Inc. for civil construction management consultant services for the NE 130th Street Infill Station in the amount of \$10,720,000 with a 10 percent contingency of \$1,071,000 for a new total authorized contract amount not to exceed \$116,700,361; c) LTK Engineering Services, LLC for systems design services during construction of the NE 130th Street Infill Station in the amount of \$470,153 with a 10 percent contingency of \$47,015 for a new total authorized contract amount not to exceed \$16,435,748; and (2) Increases to the contract contingency values for specific existing Lynnwood Link Extension contracts for the NE 130th Street Infill Station Project are authorized: d) Mass Electric Construction Company for systems construction services for the NE 130th Street Infill Station for an additional maximum value of up to \$14,627,380 for a new total authorized contract amount up to a maximum not to exceed of \$173,949,000; e) Northwest Transit Systems Partners for systems construction management services for the NE 130th Street Infill Station for an additional maximum value of up to \$2,516,000 for a new total authorized contract amount up to a maximum not to exceed of \$23,947,549; f) HNTB Jacobs Trusted Design Partners (a Joint Venture of HNTB Corporation and Jacobs Engineering Group, Inc.), HNTB Corporation, and Jacobs Engineering Group, Inc., for civil design services during construction of the NE 130th Street Infill Station for an additional maximum value of up to \$6,337,589 for a new total authorized contract amount up to a maximum not to exceed of \$160,581,559. All actions are contingent upon Board approval of the baseline project budget through Resolution No. R2022-17.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on June 23, 2022.



Kent Keel
Board Chair

Attest:



Kathryn Flores
Board Administrator