



Motion No. M2020-01

Allocate Contingency Funds to Northgate Link Extension Contracts

Meeting:	Date:	Type of action:	Staff contact:
System Expansion Committee Board	01/09/2020 01/23/2020	Recommend to Board Final action	Ron Lewis, DECM Executive Director Don Davis, Executive Project Director – Northgate Link

Proposed action

Authorizes the chief executive officer to increase certain Northgate Link Extension contract contingencies as necessary using contingency funds available within the Northgate Link Extension Baseline budget, for a total authorized cumulative contingency increase not to exceed \$18,000,000 or 5% of the current authorized contract amount for any individual contract.

Key features summary

- Sound Transit's experience with the Initial Segment and University Link Extension projects indicates that opening a new light rail line can require significant unanticipated work in order to meet a multitude of jurisdictional and operational requirements that arise during the final stages of the project.
- The proposed action authorizes the chief executive officer to increase contract contingency for open Northgate Link contracts, using contingency funds available within the Northgate Link Extension Baseline budget in order to fund work necessary to achieve the timely opening of the Northgate Link Extension by the third quarter of 2021.
- The work will be within the approved scope of the contracts and may include but not be limited to safety certification, Operations requested changes, and changes required by Authorities having jurisdiction (e.g. Seattle Fire Department, Seattle Department of Construction and Inspections, and Washington State Department of Labor and Industries).
- Use of these contingencies for any individual contract will not exceed 5% of the current authorized contract amount and the total amount used for all contracts will not exceed the \$18,000,000 cumulative contingency increase.
- A portion of this contingency may be used by open Northgate Link Extension contracts to remove references to the Red Line from station and on-board signage throughout the system and to implement signage and other changes as a result of the renaming of the University Street Station prior to the opening of the Northgate Link Extension.
- Staff will report to the CEO no later than the fourth quarter of 2021 to provide a full accounting of contingency used and the reconciliation of any contracts to which these funds were applied.
- This authorization will be funded from unallocated contingency within the construction phase of the Northgate Link Extension Baseline budget.

Background

The Northgate Link Extension extends light rail approximately 4.3 miles from the University of Washington Station north to Northgate and includes two underground stations serving the U District and Roosevelt neighborhoods and an elevated station at Northgate. The Northgate Link Extension project was baselined in June 2012 and light rail service is expected to begin in September 2021. The Northgate Station will be an interim terminus for Link light rail service until the Lynnwood Link Extension is operational, currently scheduled for 2024.

This action authorizes contingency increases with the following active final design, construction management, and construction contracts:

- Civil facilities and architectural final design services by McMillen Jacobs Associates (MJA).
- Systems engineering final design services by LTK Engineering for systems elements (communications, signals, track work, and traction power).
- Civil construction management consultant, NorthSTAR, supporting Sound Transit's construction management team to manage all elements of civil facilities construction.
- Systems construction management consultant, Mott MacDonald, supporting Sound Transit's construction management team to manage all elements of systems construction.
- U District Station Finishes General Contractor/Construction Management contract by Hoffman Construction.
- Roosevelt Station Finishes General Contractor/Construction Management contract by Hoffman Construction.
- Northgate Station and Elevated Guideway contract by Absher Construction.
- Systems General Contractor/Construction Management contract by Mass Electric Construction Company.
- Noise and vibration monitoring contract with IEM for the Northgate Link alignment under the University of Washington campus.

This action also authorizes increasing the contingency for open Northgate Link Extension contracts to fund required efforts to remove references to the Red Line from station and onboard signage throughout the system, and to implement signage and other changes as a result of the renaming of the University Street Station prior to the opening of Northgate Link.

Experience from the Initial Segment and University Link Extension projects indicates that opening a new light rail line can require significant unanticipated work in order to meet a multitude of jurisdictional and operational requirements. With limited time remaining to get resources to address such needs, this approach will help to ensure that the revenue service date can be met.

To ensure timely opening of the extension, this action will authorize the chief executive officer to allocate funds on construction contracts, design contracts, and construction management consultant contracts.

Authorization for use of these funds will mitigate schedule risks associated with safety certification, civil/systems interfaces and civil/systems integrated testing and commissioning, code compliance adjustment directed by governing authorities such as the Seattle Fire Department, Labor and Industries, City of Seattle Department of Transportation, and other work critical to start-up of revenue operations.

In first quarter 2021 staff will return to the CEO to provide a full accounting of contingency used and reconcile any contracts to which contingency was allocated.

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 Construction: 3Q 2021

Project scope, schedule and budget summary are located on page 15 of the September 2019 Agency Progress Report.

Fiscal information

This action is within the baseline budget and sufficient monies remain after approval of this action to fund the remaining work in the construction phase.

The baseline budget for the Northgate Link Extension project is \$1,899,755,500. Within the construction phase, \$20,616,788 has been allocated to the budget line item for unallocated construction contingency. The proposed action would commit \$18,000,000 to this line item and leave budget balance of \$2,616,788.

Northgate Link Extension

(in thousands)

Project Phase	Baseline Budget	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Administration	\$144,879	\$79,254	\$	\$79,254	\$65,625
Preliminary Engineering	15,077	15,077		15,077	
Final Design	132,167	130,010		130,010	2,157
Third Party	11,800	8,383		8,383	3,417
Right-of-way	112,300	101,219		101,219	11,081
Construction	1,343,023	1,292,160	18,000	1,310,160	32,863
Construction Services	118,310	104,989		104,989	13,321
Project Contingency	22,200				22,200
Total Current Budget	\$1,899,756	\$1,731,091	\$18,000	\$1,749,091	\$150,665

Phase Detail

Construction

CONSTR Unallocated Contingency	\$20,617	\$	18,000	\$18,000	\$2,617
Other Construction	1,322,406	1,292,160		1,292,160	30,246
Total Phase	\$1,343,023	\$1,292,160	\$18,000	\$1,310,160	\$32,863

Contract Detail

Active Contracts within the Northgate Link Extension

	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Amount	\$	\$	\$	\$
Contingency			18,000	18,000
Total Contract	\$	\$	\$18,000	\$18,000
Percent Contingency	0%	0%	100%	100%

Notes:

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

* Board Approvals = Commitment and PO Contingency Remaining as of 11/30/19.

For detailed project information, see page 66 of the 2020 Financial Plan & Proposed Budget.

Disadvantaged and Small Business Participation

The original D/SBE commitments for all (9) contracts listed will be achieved on the revised contract amounts.

Public involvement

Not applicable to this action.

Time constraints

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

Prior Board/Committee actions

Motion No. M2019-101: Authorized the chief executive officer to increase the contract contingency for the U District Station Finishes contract with Hoffman Construction for the Northgate Link Extension in the amount of \$7,500,000, for a new total authorized contract amount not to exceed \$175,328,522.

Motion No. M2019-37: Authorized the chief executive officer to increase the contract contingency for McMillen Jacobs Associates (formerly Jacobs Associates) to provide additional civil design and design support during construction services for the Northgate Link Extension in the amount of \$4,700,000, for a new total authorized contract amount not to exceed \$108,908,106.

Motion No. M2018-163: Authorized the chief executive officer to increase the contract contingency with Hoffman Construction to construct the Roosevelt Station Finishes within the Northgate Link Extension in the amount of \$7,000,000, for a new total authorized contract amount not to exceed \$166,905,743.

Motion No. M2017-140: Authorized the chief executive officer to increase the contingency for the Northgate Link Extension civil construction management consultant services contract with North STAR, a joint venture of CH2M-Hill, Inc. and Jacobs Project Management Company, in the amount of \$1,800,000, for a new total authorized contract amount not to exceed \$84,830,456.

Motion No. M2017-49: Authorized the chief executive officer to execute a construction contract with Mass Electric Construction Company to provide Heavy Civil General Contractor/Construction Manager services for the Northgate Link and East Link Extensions systems construction in the amount of \$360,428,571 with a 5% contingency of \$18,021,429 for a total authorized contract amount not to exceed \$378,450,000.

Motion No. M2016-88: Authorized the chief executive officer to execute a contract with Absher Construction Company to construct the Northgate Station, Elevated Guideway & Parking Garage within the Northgate Link Extension in the amount of \$174,000,000, with a 10% contingency of \$17,400,000, for a total authorized contract amount not to exceed \$191,400,000, subject to resolution of any timely protests and appeals.

Motion No. M2016-78: Authorized the chief executive officer to execute a contract with Stacy and Witbeck, Inc. to provide trackwork elements for the Northgate Link Extension in the amount of \$71,455,950, with a 15% contingency of \$10,718,393, for a total authorized contract amount not to exceed \$82,174,343.

Motion No. M2016-44: Authorized the chief executive officer to amend the contract with LTK Engineering Services, LLC for systems final design services and design services during construction for the Northgate Link Extension in the amount of \$7,861,000 for a new total authorized contract amount not to exceed \$30,542,872.

Motion No. M2016-30: Authorized the chief executive officer to increase the contract contingency with JCM Northlink LLC, a Joint Venture, for construction of the underground tunnels from the University of Washington Station to the Maple Leaf Portal within the Northgate Link Extension, in the amount of \$44,032,100, for a new total authorized contract amount not to exceed \$506,369,150.

Environmental review – KH 12/30/19

Legal review – JSA 01/02/2020



Motion No. M2020-01

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to increase certain Northgate Link Extension contract contingencies as necessary using contingency funds available within the Northgate Link Extension Baseline budget, for a total authorized cumulative contingency increase not to exceed \$18,000,000 or 5% of the current authorized contract amount for any individual contract.

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Motion

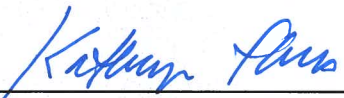
It is hereby moved by the Board of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to increase certain Northgate Link Extension contract contingencies as necessary using contingency funds available within the Northgate Link Extension Baseline budget, for a total authorized cumulative contingency increase not to exceed \$18,000,000 or 5% of the current authorized contract amount for any individual contract.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on January 23, 2020.



Kent Keel
Board Chair

Attest:



Kathryn Flores
Board Administrator