

Joint Report of the Transportation and Management Committees

For the Special Metropolitan Council meeting of May 30, 2018

Subject: Southwest Light Rail Transit (SWLRT) Green Line Extension Fourth Amendment to the 2017 CTIB Capital Grant Agreement

Proposed Action

That the Metropolitan Council authorize the Regional Administrator to negotiate and execute the fourth amendment to the 2017 CTIB Capital Grant Agreement for the Southwest Light Rail Transit (SWLRT) Green Line Extension to:

- Extend the 2017 CTIB grant from May 31, 2018 to August 31, 2018;
- Increase the spending authority by \$4,431,337 (from \$179,834,921 to \$184,266,258); and
- Further clarify roles and responsibilities regarding use of contingency, liability and insurance in the corridor, financing federal grant reimbursements and costs associated with the unlikely event of a project shutdown and procedures for collaborative decision making.

Summary of Committee Discussion/Questions

Metro Transit SWLRT Project Director Jim Alexander presented this item.

Motion by Munt, seconded by Reynoso. Motion carried.

Management and Transportation Committees

Special Meeting date: May 23, 2018

For the Metropolitan Council Special meeting of May 30, 2018

Subject: Southwest Light Rail Transit (SWLRT) Green Line Extension Fourth Amendment to the 2017 CTIB Capital Grant Agreement

District(s), Member(s): All

Policy/Legal Reference: 16 U.S.C. Section 470 (f); MN Stat. 297A.993

Staff Prepared/Presented: Brian Lamb, General Manager, 612-349-7510
Mark Fuhrmann, Deputy General Manager, 612-373-3810
Jim Alexander, SWLRT Project Director, 612-373-3880
Joan Hollick, Deputy Project Director, 612-373-3820

Division/Department: Metro Transit/Green Line Extension Project Office

Proposed Action

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- Increase the spending authority by \$4,431,337 (from \$179,834,921 to \$184,266,258); and
- Further clarify roles and responsibilities regarding use of contingency, liability and insurance in the corridor, financing federal grant reimbursements and costs associated with the unlikely event of a project shutdown and procedures for collaborative decision making.

Background

On January 31, 2017, the Council and CTIB executed the 2017 CTIB Capital Grant Agreement for Southwest LRT for a total of \$179,834,921 through March 31, 2018.

On September 13, 2017, the Council authorized the Regional Administrator to negotiate and execute the first amendment to the grant to adjust downward the grant funding available for expenditures pursuant to pre-award authority or a Letter of No Prejudice to \$156,758,569 consistent with changes to the Project schedule.

On October 25, 2017, the Council authorized the Regional Administrator to execute the second amendment to the 2017 CTIB Capital Grant Agreement to assign the grant to Hennepin County and recognize Hennepin County's 20% funding share effective October 1, 2017.

On March 21, 2018, the Council authorized the Regional Administrator to execute the third amendment to the 2017 CTIB Capital Grant Agreement to extend the grant activity period to May 31, 2018; increase the amount of matching funds provided by Hennepin County; and clarify roles and responsibilities.

Southwest Project Office is seeking authority to amend the 2017 CTIB Grant Agreement to continue Engineering and apply for the Federal Full Funding Grant Agreement later this year.

Rationale

This amendment provides sufficient funding to allow the Council to continue Engineering Phase activities for the Green Line Extension.

Thrive Lens Analysis

Construction of the Green Line Extension will increase the region's prosperity as it will provide access to 80,900 forecasted jobs and a new transportation option for 55,800 forecasted residents within ½ mile of the planned new stations in addition to the 145,300 forecasted jobs and 35,600 forecasted residents in downtown Minneapolis.

Funding

Local funding for the project engineering phase is fully committed through May 31, 2018. This amendment would extend funding through August 31, 2018.

Known Support / Opposition

The Hennepin County Board will take action on the amendment on May 31, 2018.

SOUTHWEST

Green Line LRT Extension



Joint Management and Transportation Committee

May 23, 2018



EDEN PRAIRIE | MINNETONKA | EDINA | HOPKINS | ST. LOUIS PARK | MINNEAPOLIS

Today's Topics

- Revised Project Budget and Schedule
- Third Amendment to Cooperative Funding Agreement with HCRRA
- Fourth Amendment to 2017 CTIB Capital Grant Agreement



SWLRT Revised Project Budget and Schedule

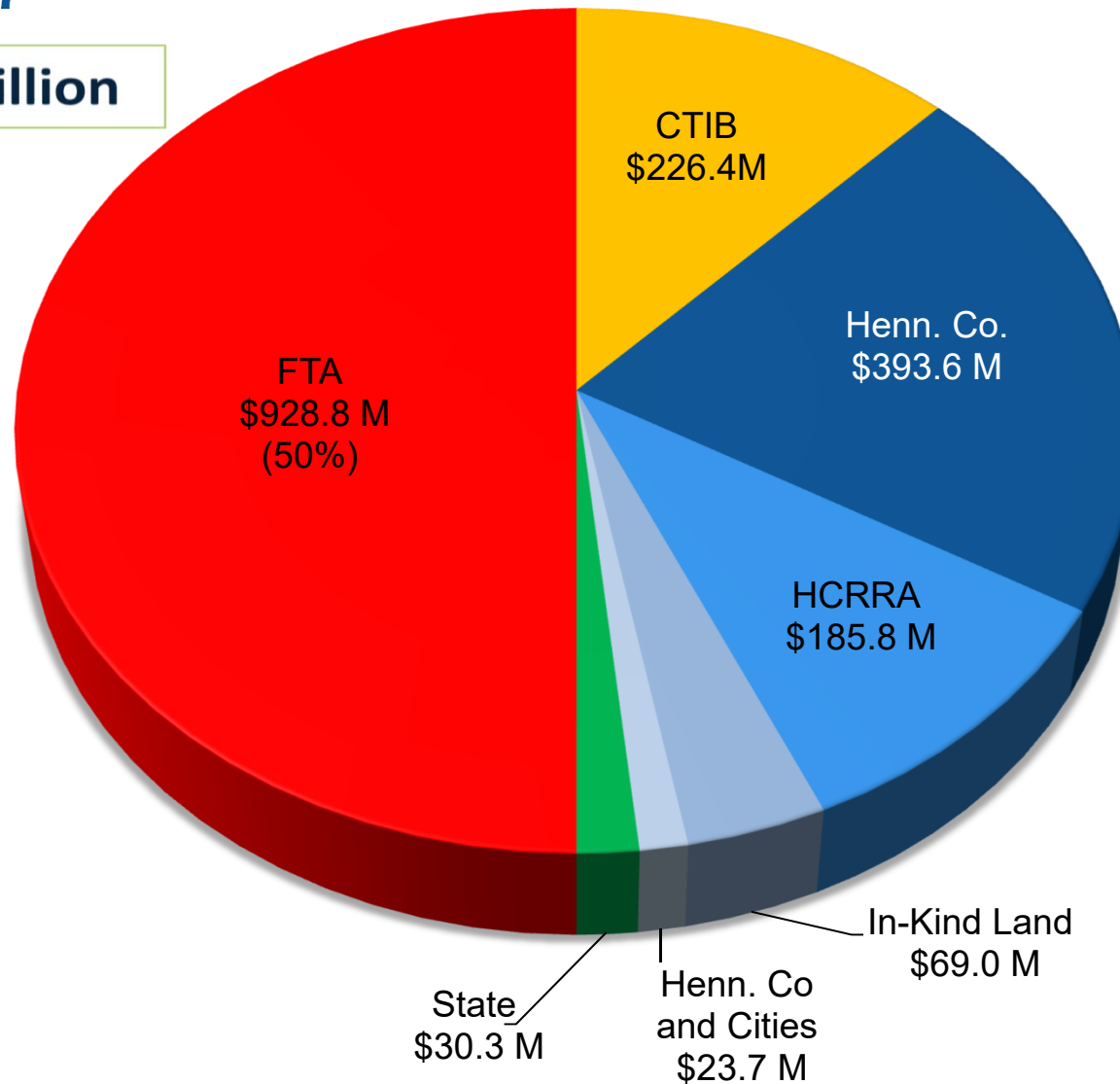
SWLRT Project Budget: Background

- Existing \$1.858B project budget was developed in August 2016 based on 90% design plans
- In 2016, revenue service was anticipated to be 2021 and is now anticipated to be 2023
- \$1.858B was submitted to FTA when project applied to enter Engineering
 - FTA approved entry in Engineering in December 2016
 - FTA established federal participation maximum of \$929M
 - Any additional cost increase to project is borne solely by local project partners

Funding Sources

June 2017

\$1.858 Billion



SWLRT Project Cost Drivers

- Schedule delays
- Construction
- Right-of-Way
- Project Management

SWLRT Project Budget: Cost Drivers

- Schedule Delays
 - Freight rail negotiations
 - Additional environmental analysis
 - Civil rebidding

SWLRT Project Budget: Cost Drivers

- Construction
 - Commodity cost increases since August 2017
 - Diesel fuel prices rose \$2.56 to \$2.99 or 17% increase
 - Raw steel prices index increased from \$621 to \$867 per ton, a 40% increase
 - Metro unemployment rate ticked downward 3.4% to 3.2% in April
 - Shared corridor protection wall added

SWLRT Project Budget: Cost Drivers

- Right-of-Way
 - Property values escalation
 - Increase of business relocations

SWLRT Project Budget: Cost Drivers

- Project Management
 - Extend consultant services to 2023
 - Extend agency project staff to 2023
 - Extend project office lease to 2023

SWLRT Project Budget: Cost Drivers

- Eden Prairie Town Center:
 - Eden Prairie voted May 15 to commit local funding for the Eden Prairie Town Center Station
 - Station added back into opening day project scope using \$6.1 million federal CMAQ grant & funds committed by the City of Eden Prairie
 - Including the station adds \$7.7M to project budget

Steps Taken to Mitigate Cost Increases

- Council made changes to the civil contract specifications:
 - Provided contractor with greater flexibility for scheduling construction activities
 - lowered project mobilization risk
- Propose lower contingency to reflect 100% completion and bid opening of largest construction bid package:
 - 20% in 2016 to 14% in 2018*
- Re-allocate maintenance/storage functions to existing facilities on Blue and Green Lines

* Pending FTA approval

Steps Taken to Mitigate Cost Increases: OMF Site

- Re-allocate LRV maintenance functions to existing system facilities
- Operations and maintenance capacity:
 - Modification to Franklin facility for additional maintenance capacity
 - Interior modifications to Lowertown to support maintenance
- Revised plans for the Hopkins site to include a rail support facility, pocket track, stormwater ponding, parking

Revised Project Budget and Schedule

- Revised project budget: \$2.003B
 - Represents 7.8% (or \$145 million) increase from 2016 budget
 - Requires increased local funding commitment from Hennepin County and HCRRA of \$204M
- Revised project schedule: 2023 (revenue service)

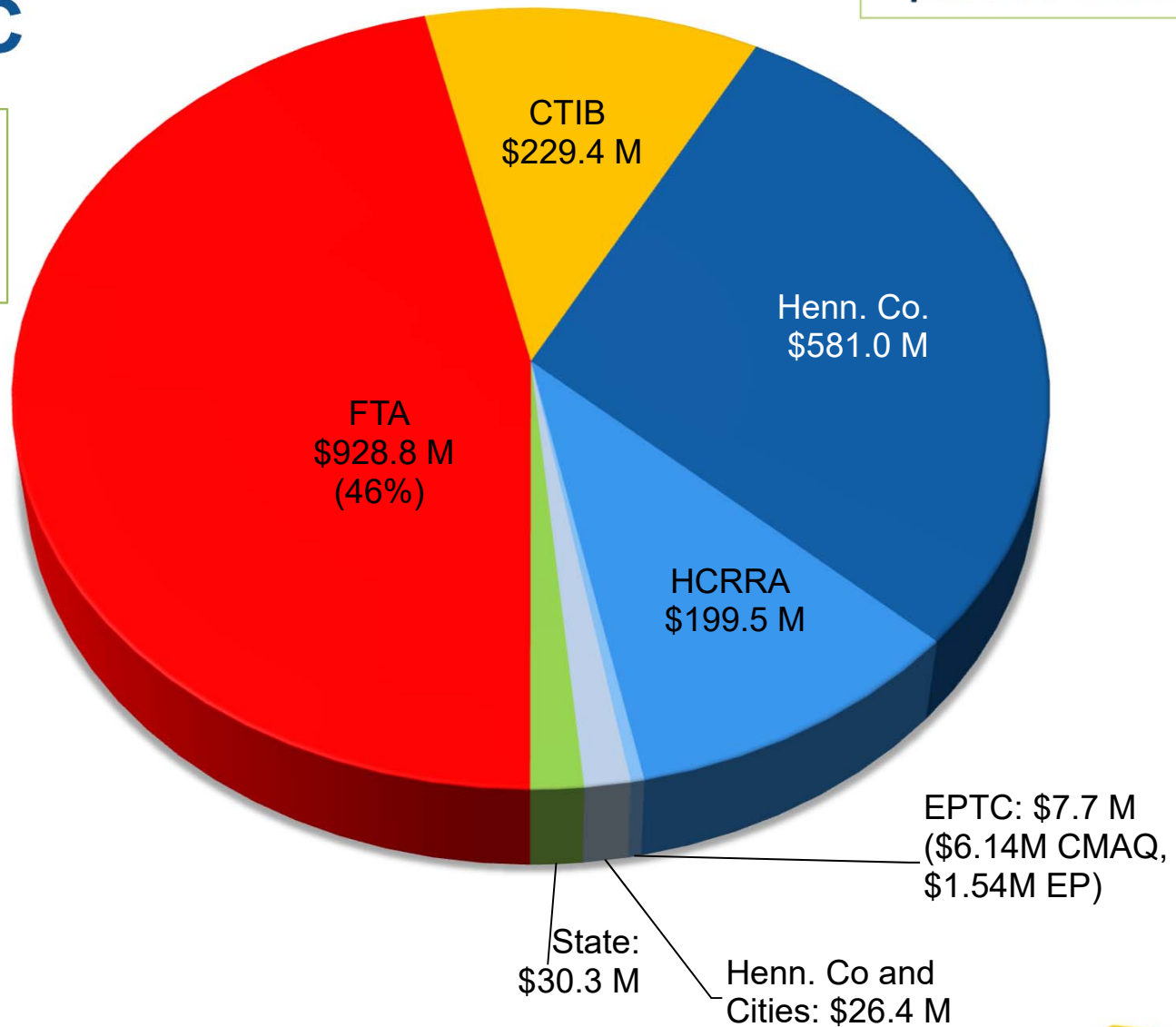
Revised Project Budget

Element	2016	2018	Details
Construction	\$984M	\$1,127M	<ul style="list-style-type: none"> • Increase in construction costs • Reallocate OMF functions in Hopkins to existing facilities, replace with rail support facility, pocket track and stormwater pond, work with the City of Hopkins to identify other project related public uses for the OMF site such as storm water management & parking • Add Eden Prairie Town Center, previously deferred • Include additional corridor protection / Northstar tail track extension
Right of Way	\$252M	\$219M	<ul style="list-style-type: none"> • Increase in relocations from estimate of 100 to 170+ • Remove County in-kind land value
LRV	\$126M	\$122M	<ul style="list-style-type: none"> • Adjust to reflect actual contract costs
Project Management	\$496M	\$535M	<ul style="list-style-type: none"> • Extend project duration, need to retain consultant support, contractors and agency staff longer • Additional environmental review
TOTAL	\$1,858M	\$2,003M	

Funding Sources With EPTC

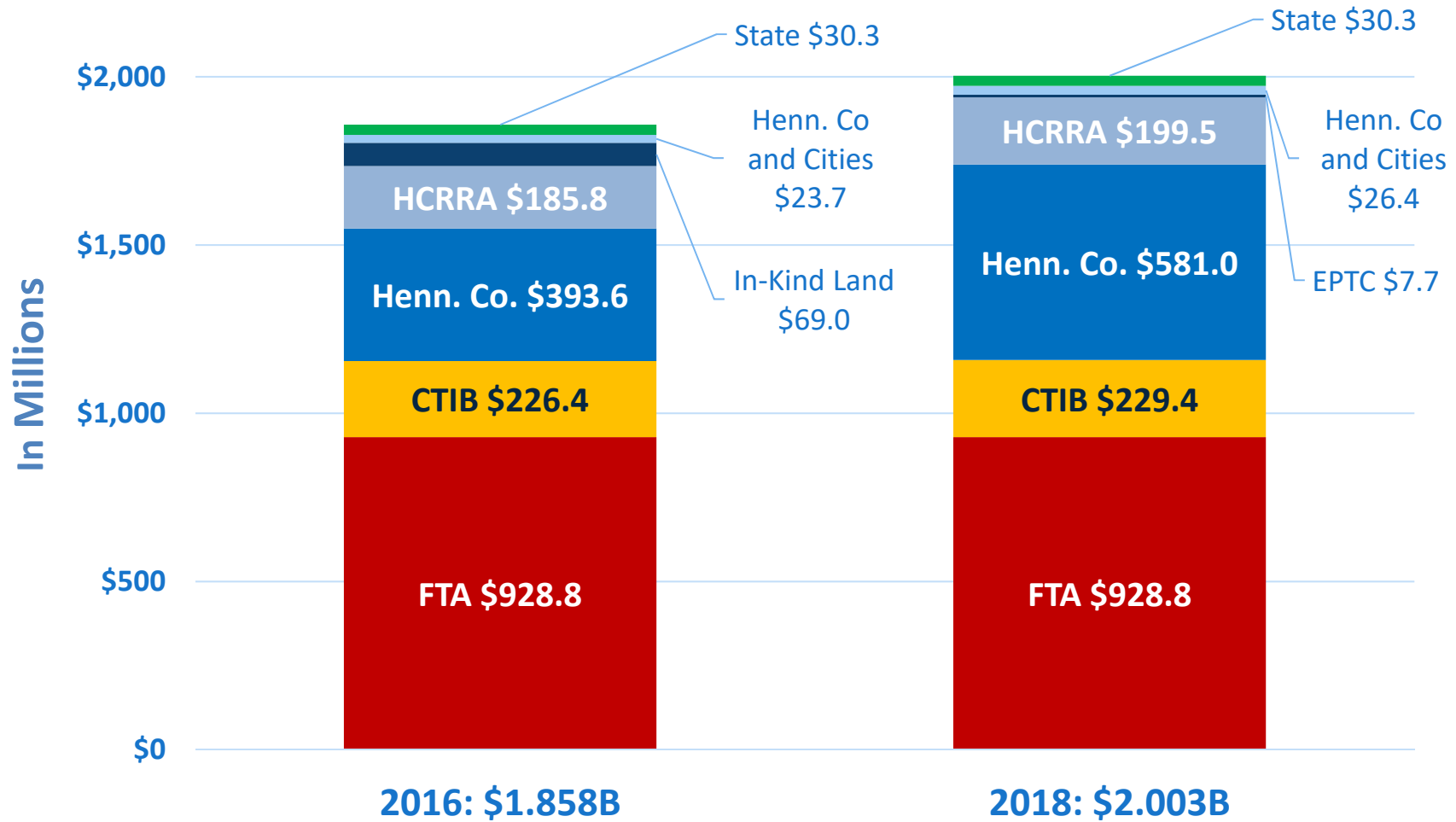
\$2.003 Billion

**\$928.8 Million
Local Funds
Committed**



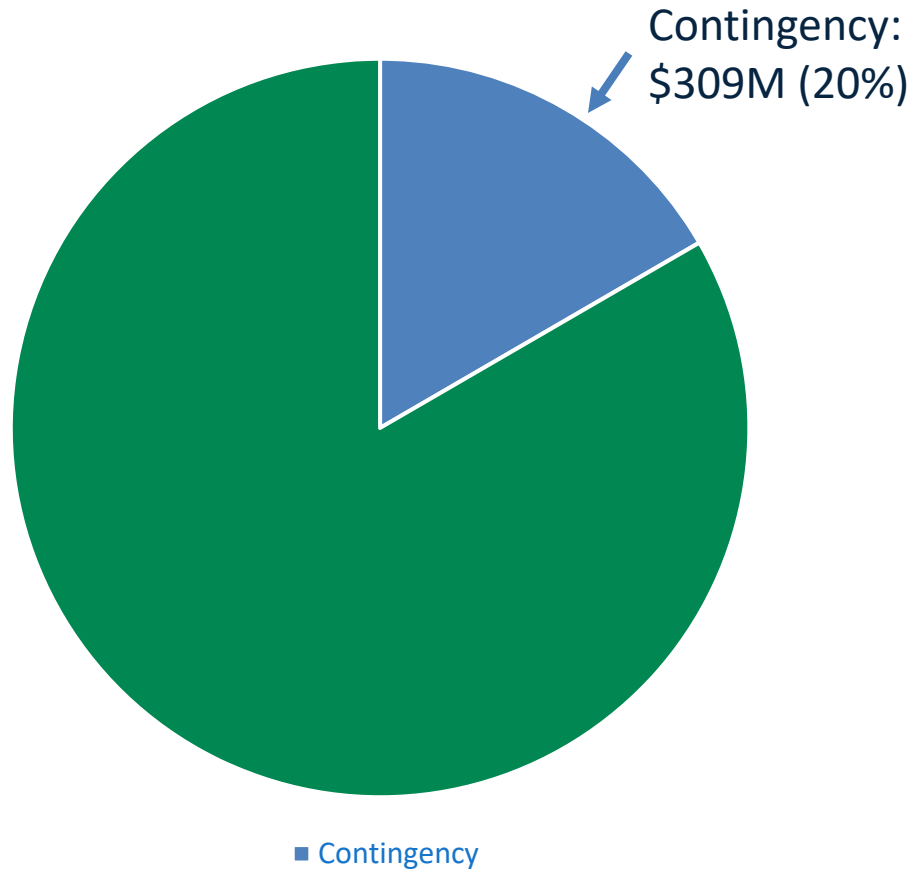
May 2018

SWLRT Budget Adjustments

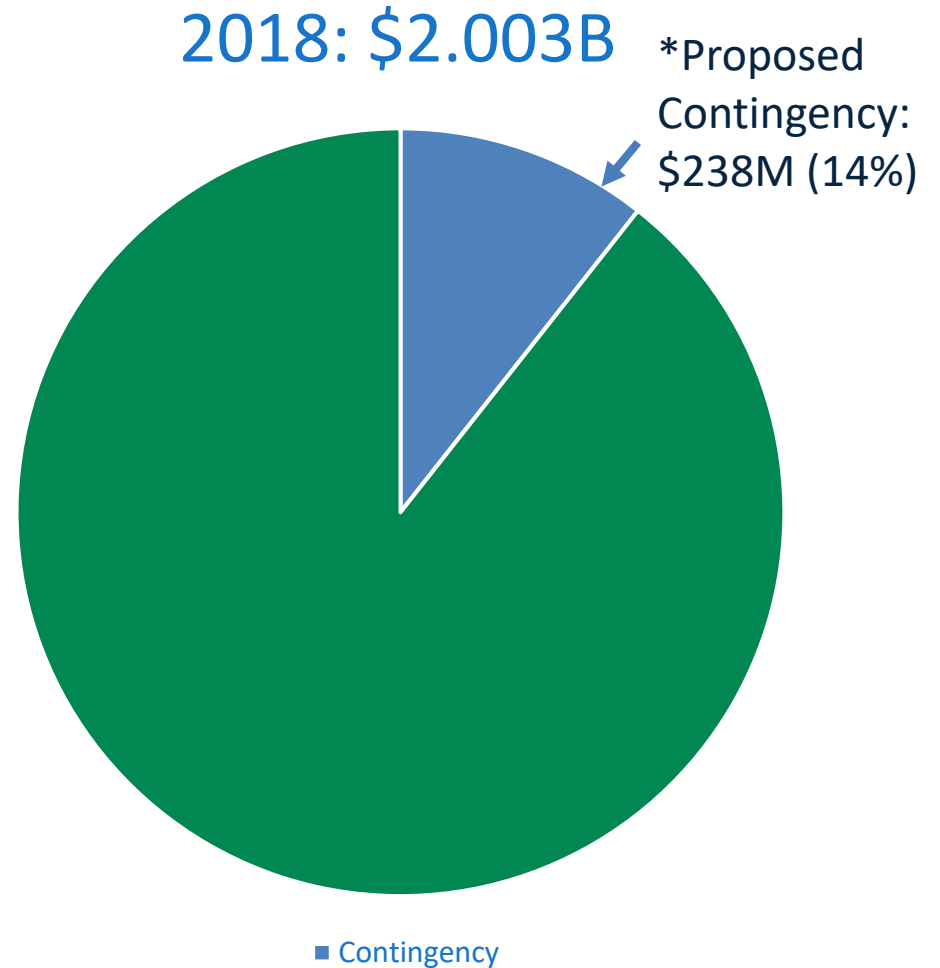


SWLRT Project Budget Contingency

2016: \$1.858B



2018: \$2.003B



May 2018

* Pending FTA approval

Executive Change Control Board

- Purpose:
 - Ensure orderly and appropriate coordination of significant changes to project budget
 - Bring the project in under-budget
- Hennepin County will have shared oversight with the Council on major decisions including contingency spending
- Change order ECCB approval > \$350K

Next Steps

- Hennepin County
 - May 17: Commissioner briefing
 - May 22: County Board & HCRRA meetings
 - May 31: County Board & HCRRA actions (special meetings)
- Metropolitan Council
 - May 23: Joint Management/Transportation Committee recommendation
 - May 24: Corridor Management Committee
 - May 30: Business Advisory Committee
 - May 30: Council action (special meeting)

2018 Major Project Milestones

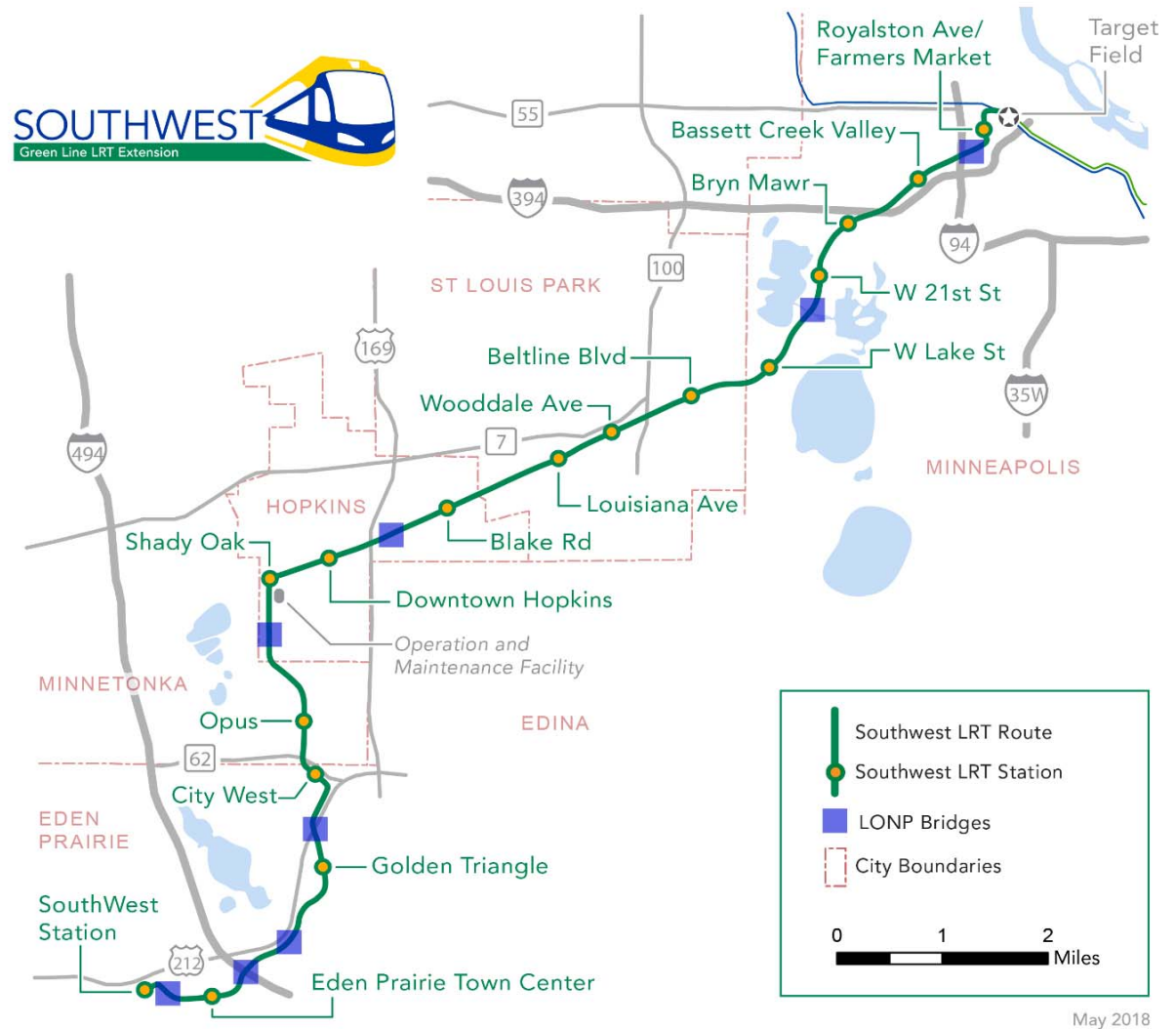
Month	Milestone
February	<ul style="list-style-type: none"> ✓ Published Supplemental Environmental Assessment ✓ Published Quality Management Services for Civil Construction RFP
March	<ul style="list-style-type: none"> ✓ Congressional Funding of CIG program ✓ Public Comment Period for SEA
April	<ul style="list-style-type: none"> ✓ Freight Rail Agreements/Surface Transportation Board Filing
May	<ul style="list-style-type: none"> ✓ Open Civil Construction Bids ✓ FTA Environmental Finding/Met Council Environmental Declaration ✓ Request FTA & Hennepin County Letter of No Prejudice (LONP)
July	<ul style="list-style-type: none"> • FTA & Hennepin County Approve LONPs
August	<ul style="list-style-type: none"> • Met Council Awards Civil Construction Contract
September	<ul style="list-style-type: none"> • Begin mobilizing for Civil Construction • Apply for Full Funding Grant Agreement

Letter of No Prejudice (LONP)

- Federal policy:
 - LONP authority allows an applicant to incur costs on a project utilizing non-Federal resources, with the understanding costs incurred subsequent to the issuance of the LONP may be reimbursable as eligible expenses should FTA approve the project at a later date
- May 18: Council submitted a FTA LONP request for the Civil Construction in the amount of \$187.3M
 - Begin construction activities: mobilization, pre-construction inspections, utility relocations, freight rail phasing/shutdowns, winter calendars & highway/road closures

LONP Scope

- Mobilization
- SouthWest Station
- Bridges
 - Prairie Center Dr
 - I-494
 - Valley View Rd
 - Nine Mile Creek
 - 212/Shady Oak Rd
 - Minnetonka/Hopkins
 - Excelsior Blvd
 - Kenilworth Channel
 - Glenwood Ave
- Freight Rail Trackwork
- Kenilworth Tunnel



Overall Project Schedule

	2011-2015	2016	2017	2018	2019	2020	2021	2022	2023
Project Development									
Engineering		ROD		AROD					
Construction				LONP	FFGA				
LRV Design, Production & Testing									
Fare Collection Production & Testing									
Integration Testing									
Revenue Operations									

ROD: Record of Decision

AROD: Amended ROD

LONP: Letter of No Prejudice

FFGA: Full Funding Grant Agreement

Recommendation (2018-127)

- That the Metropolitan Council:
 - Approve the updated SWLRT cost estimate of \$2.003 billion as the project budget; and
 - Acknowledge the revised project schedule that anticipates a revenue service year of 2023.

SWLRT Third Amendment to the Cooperative Funding Agreement with Hennepin County Regional Railroad Authority

Recommendation (2018-128)

- That the Council authorize the Regional Administrator to negotiate and execute the Third Amendment to the Cooperative Funding Agreement with HCRRA for the SWLRT to:
 - Extend the funding agreement to August 31, 2018;
 - Increase the amount of HCRRA's share of project funding by \$4,219,863 (from \$63,269,282 to \$67,489,145); and
 - Further clarify roles and responsibilities regarding use of contingency, liability and insurance in the corridor, financing federal grant reimbursements and costs associated with the unlikely event of a project shutdown and procedures for collaborative decision making.

SWLRT Fourth Amendment to the 2017 CTIB Capital Grant Agreement

Recommendation (2018-129)

- That the Council authorize the Regional Administrator to negotiate and execute to execute the fourth amendment to the 2017 CTIB Capital Grant Agreement for the SWLRT to:
 - Extend the 2017 CTIB grant from May 31, 2018 to August 31, 2018;
 - Increase the spending authority by \$4,431,337 (from \$179,834,921 to \$184,266,258); and
 - Further clarify roles and responsibilities regarding use of contingency, liability and insurance in the corridor, financing federal grant reimbursements and costs associated with the unlikely event of a project shutdown and procedures for collaborative decision making.

More Information

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