

SOUTHWEST

Green Line LRT Extension



METRO Green Line Extension

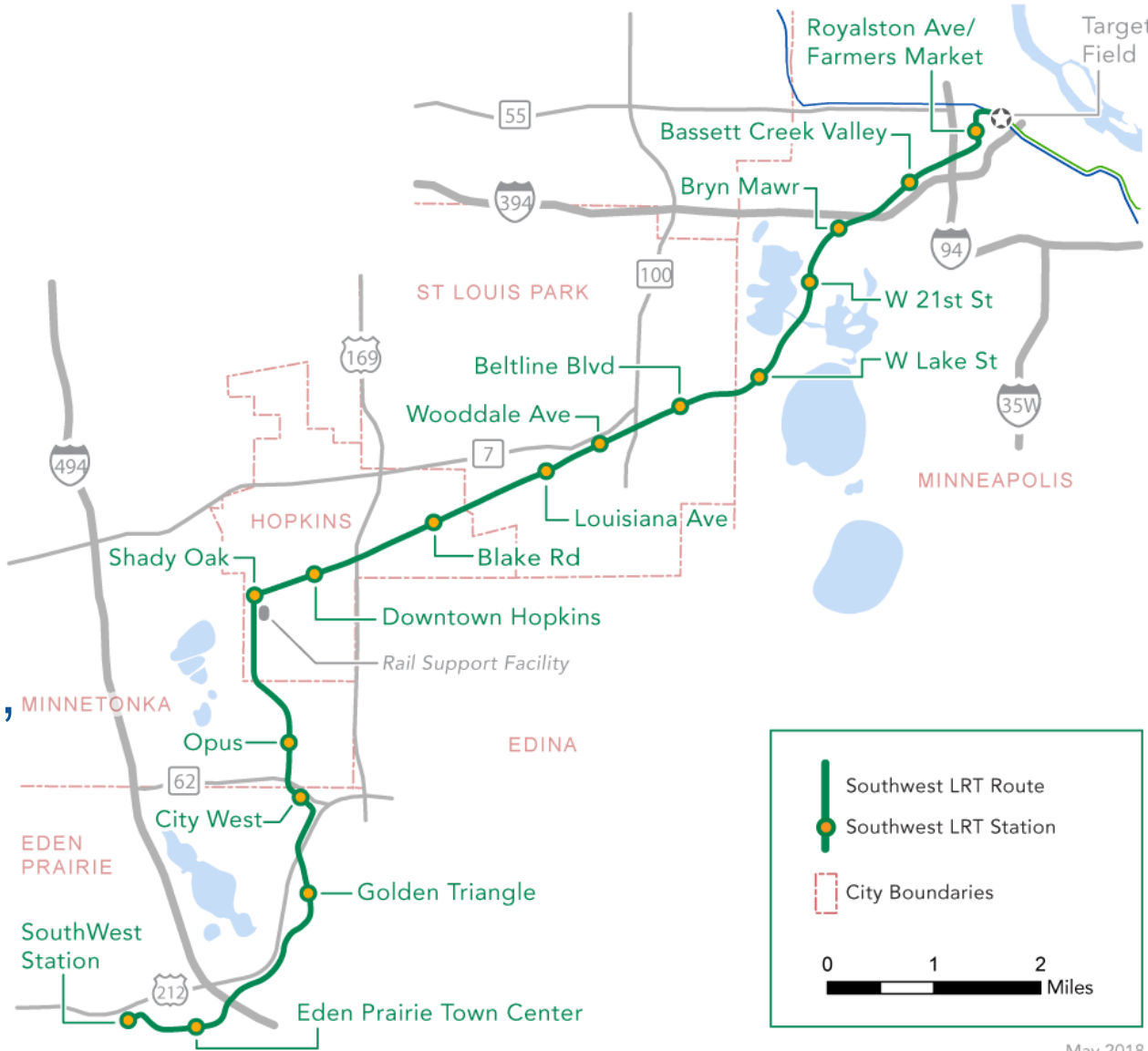
Sam O'Connell, AICP
Sr. Manager, Public Affairs

November 4, 2020



Southwest LRT

- 14.5 miles double track
- 16 new stations
- One seat ride from Eden Prairie to Downtown St. Paul
- Direct service to Downtown Minneapolis, U of M, stadiums
- Connections Blue Line and NorthStar



May 2018

Local Project Partners

- Minnesota Department of Transportation
- Hennepin County/Hennepin County Regional Railroad Authority
- Cities of Eden Prairie, Minnetonka, Hopkins, St. Louis Park, Minneapolis
- Three Rivers Park District, Minneapolis Park Board
- Riley Purgatory, Nine Mile, Minnehaha, and Bassett Creek Watershed Districts

Green Line Extension Timeline

2012-15

Project Development/Environmental/Municipal Consent

2016

Final Environmental Impact Statement

2017

Engineering

2020

Full Funding Grant Agreement

2019-22

Heavy Construction

2023

Passenger Operations

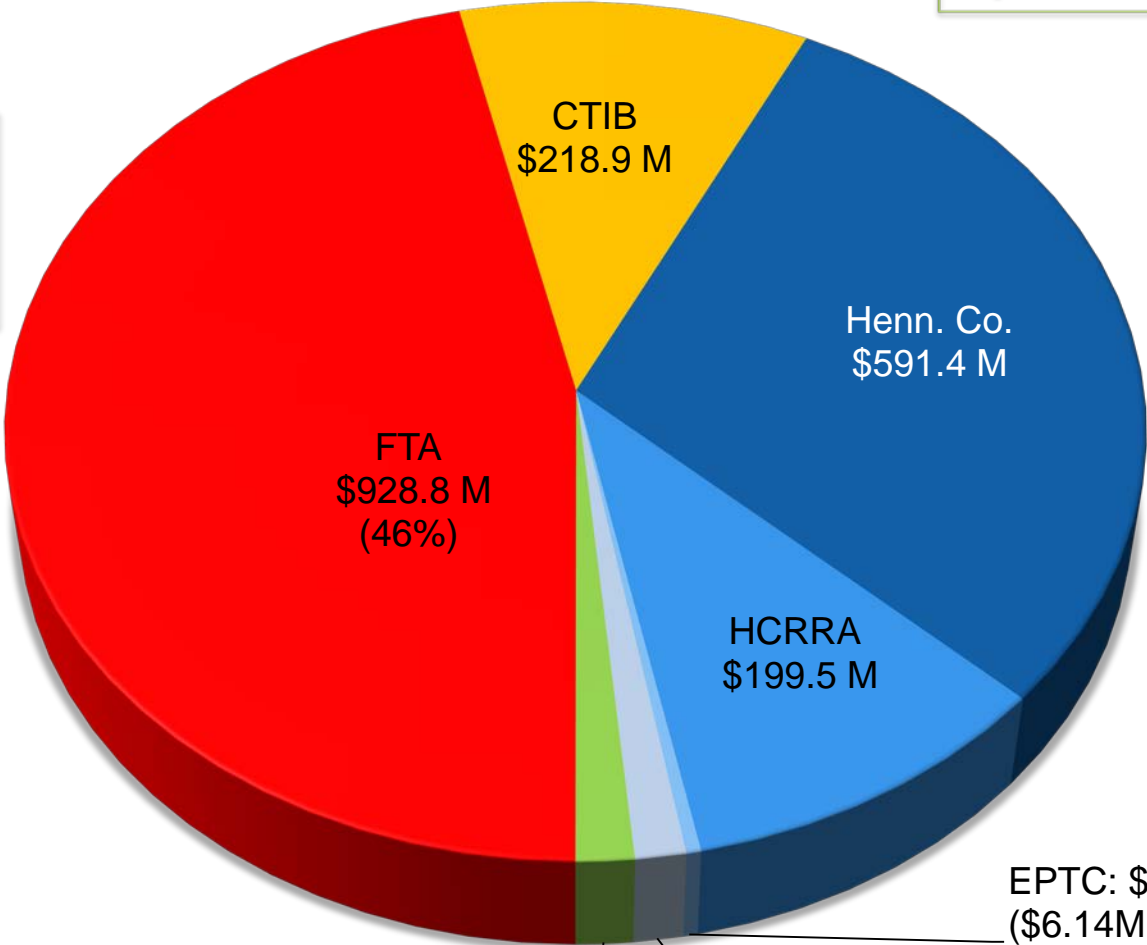
Receipt of the Full Funding Grant Agreement!



Funding Sources

\$2.003 Billion

**\$1.074 Billion
Local Funds
Committed**



EPTC: \$7.7 M
(\$6.14M CMAQ,
\$1.54M EP)

State:
\$30.3 M

Henn. Co and
Cities: \$26.4 M

Construction Overview

LRT Construction Sequencing



Utilities

- Excavation
- Relocation / installation



Site Prep

- Clear buildings
- Establish work zones, detours



Structures, Track, Stations

- Track beds
- Track
- Buildings
- Roadwork
- Trails



Systems

- Overhead catenary
- Safety & security
- Ticket vending



Testing

- Safety
- Communications
- Operator training

Outreach & Communications

Civil Construction Scope:

- Contractor: Lunda McCrossan JV
- Contract value: \$799.9M
- 16 new LRT stations
- 44 structures
 - 29 new bridges: LRT, pedestrian, roadway, freight
 - 6 pedestrian tunnels
 - 2 cut and cover tunnels (TH62 582 ft., Kenilworth 2,236 ft.)
 - ~ 640,000 linear feet of piling
- 15 at-grade LRT crossings
- 120 retaining walls
- LRT & freight rail track: ~182,000 TF

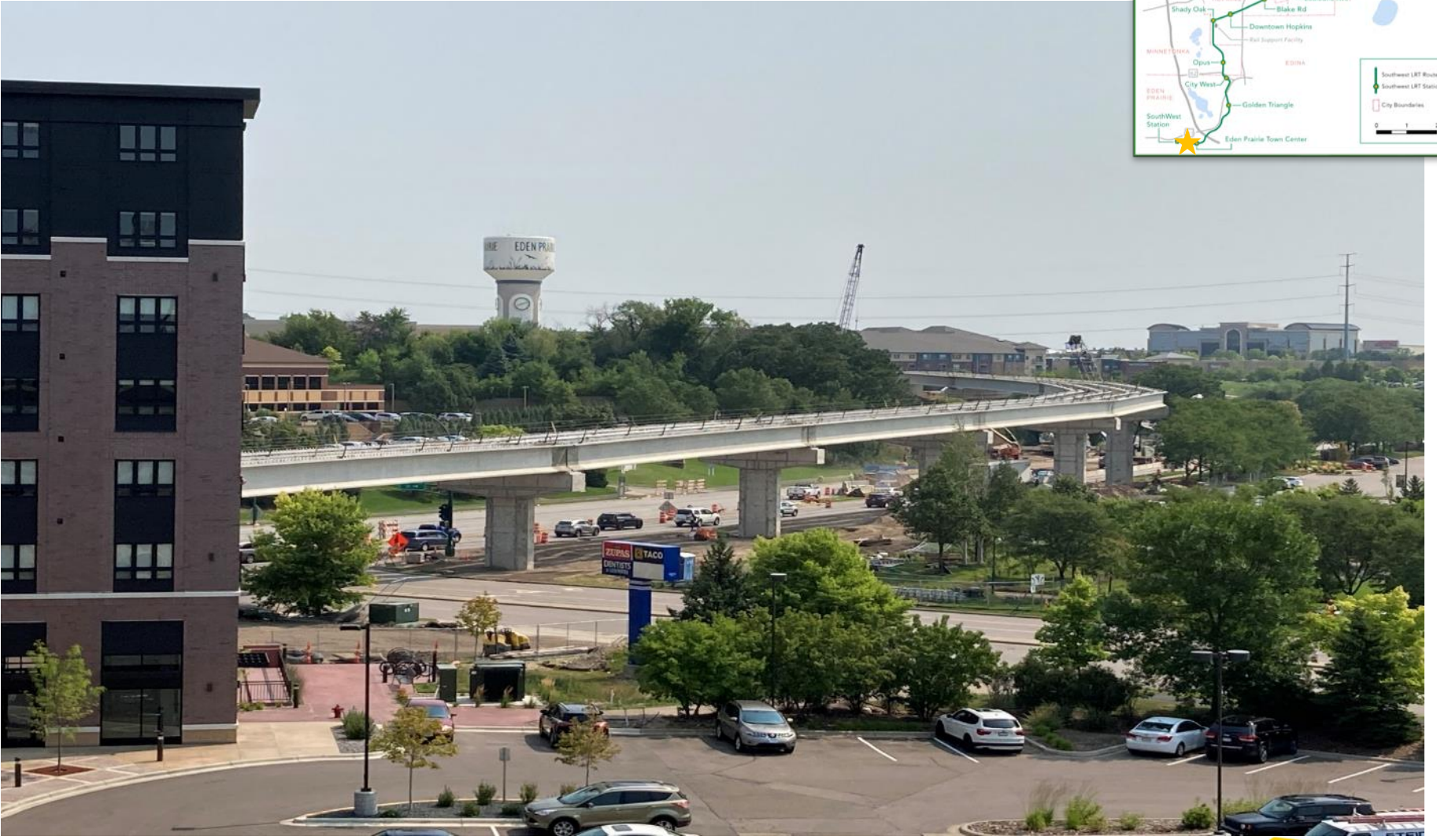
SouthWest Station, Eden Prairie



SouthWest Station, Eden Prairie



LRT Bridge at Prairie Center Drive, Eden Prairie



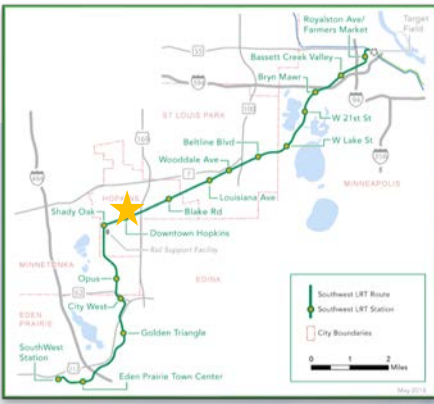
LRT Tunnel at TH 62, Minnetonka



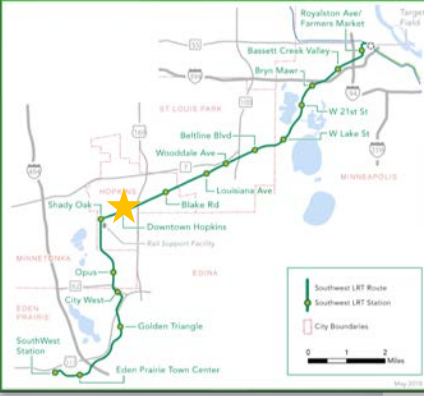
Downtown Hopkins Station



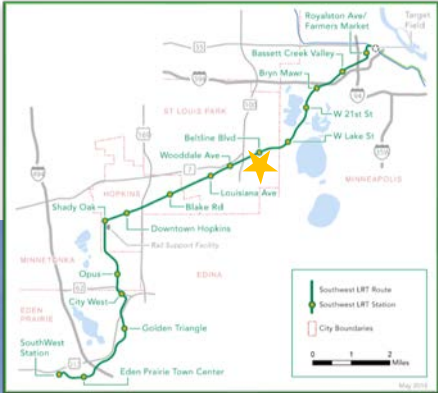
Downtown Hopkins Station



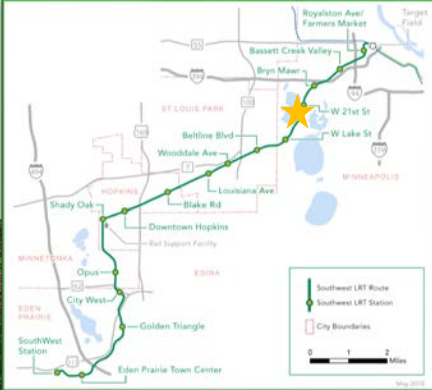
LRT Bridge Pier Table Construction at Excelsior Boulevard, Hopkins



Beltline Boulevard, St. Louis Park: Cedar Lake Regional Trail Bridge



Kenilworth Tunnel, Minneapolis



Civil Contract: DBE and Workforce

- DBE participation is measured by the dollars paid to disadvantaged small businesses
 - DBE: 19.9% as of Aug 31, 2020 (civil contractor goal: 16%)
- Workforce participation is measured by the hours worked on the project by skilled workers
 - Workforce goals for civil contractor: Aug. 31, 2020
 - People of Color/Indigenous: 21.2% (32% goal)
 - Women: 8.1% (20% goal)
- They work together to support the Council's equity commitments to the region

Light Rail Vehicles

Light Rail Vehicles

- 27 LRVs
- Siemens contract: \$121.1M
- Manufactured in Sacramento, CA



Light Rail Vehicles: “C” Car Modifications

“A” Section

“C” Section

“B” Section



March 8, 2017 TAAC Workshop

- Purpose: Mock-Up of Modified “C” Car Design



Type II Design



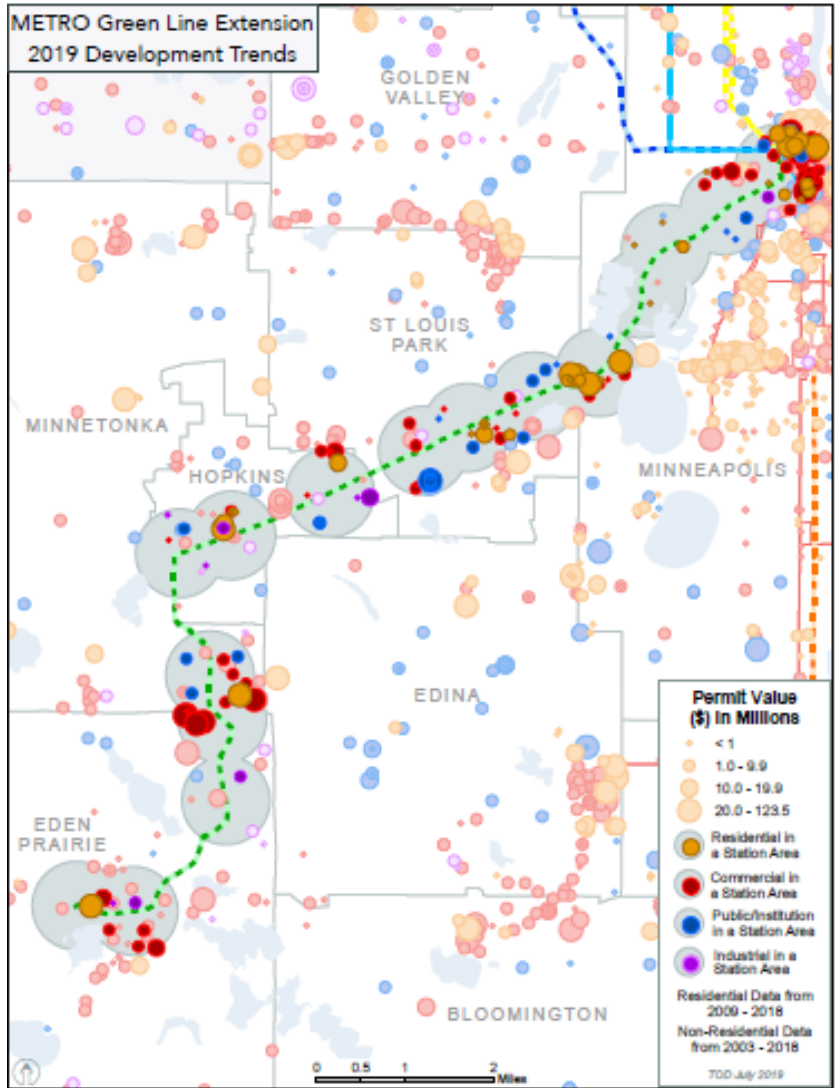
Type III Design



Transit Oriented Development

Development Along Green Line: \$11+ Billion

- Green Line:
 - Permitted development: \$5.8B
 - Planned development: \$3.6B
- Green Line Extension:
 - Permitted development: \$1.3B
 - Planned development: \$.5B



For years 2003-2018, Metro Transit Development Trends Along Transit (2019 Report)

SWLRT Development Trends

Development Type	Permitted	Planned
Residential Units	3,100	3,900
Residential Value	\$394,000,000	\$347,000,000
Commercial Value	\$800,000,000	\$30,000,000
Public/Institutional Value	\$121,000,000	\$51,000,000
Industrial Value	\$32,000,000	N/A
Mixed Use Value	N/A	\$150,000,000
Total	\$1,347,000,000	\$578,000,000

For years 2003-2018, Metro Transit Development Trends Along Transit (2019 Report)



Public Engagement

Outreach Activities



Open Houses



Trail Pop-Ups



Walking Tours



Neighborhood Meetings

Business Outreach

- Meeting with business owners to discuss access during construction
- Developing content for customers, employees, suppliers
- Special signage



Eden Prairie & Minnetonka

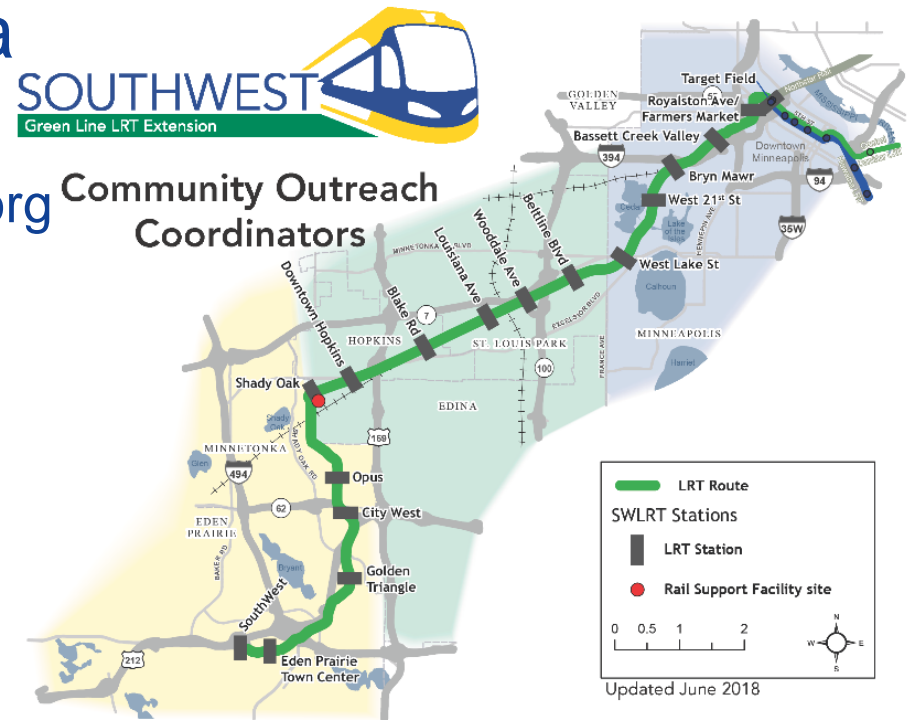
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Minneapolis

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Eden Prairie & Minnetonka
 Stations: Opus, City West, Golden Triangle, Eden Prairie Town Center, SouthWest



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Hopkins, St. Louis Park & Edina
 Stations: Beltline Blvd, Wooddale Ave, Louisiana Ave, Blake Rd, Downtown Hopkins, Shady Oak



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Minneapolis
 Stations: Royalston Ave/ Farmers Market, Bassett Creek Valley, Bryn Mawr, West 21st St, West Lake St



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- Learn more about the project: swlrt.org

- Videos
- Station renderings
- Committee information

