



2023 Minneapolis Virtual Construction Town Hall

April 26, 2023



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

Today's topics

- Project Update
- 2023 Construction Highlights
- Systems Contract Work
- Communications and Outreach Update
- Q&A

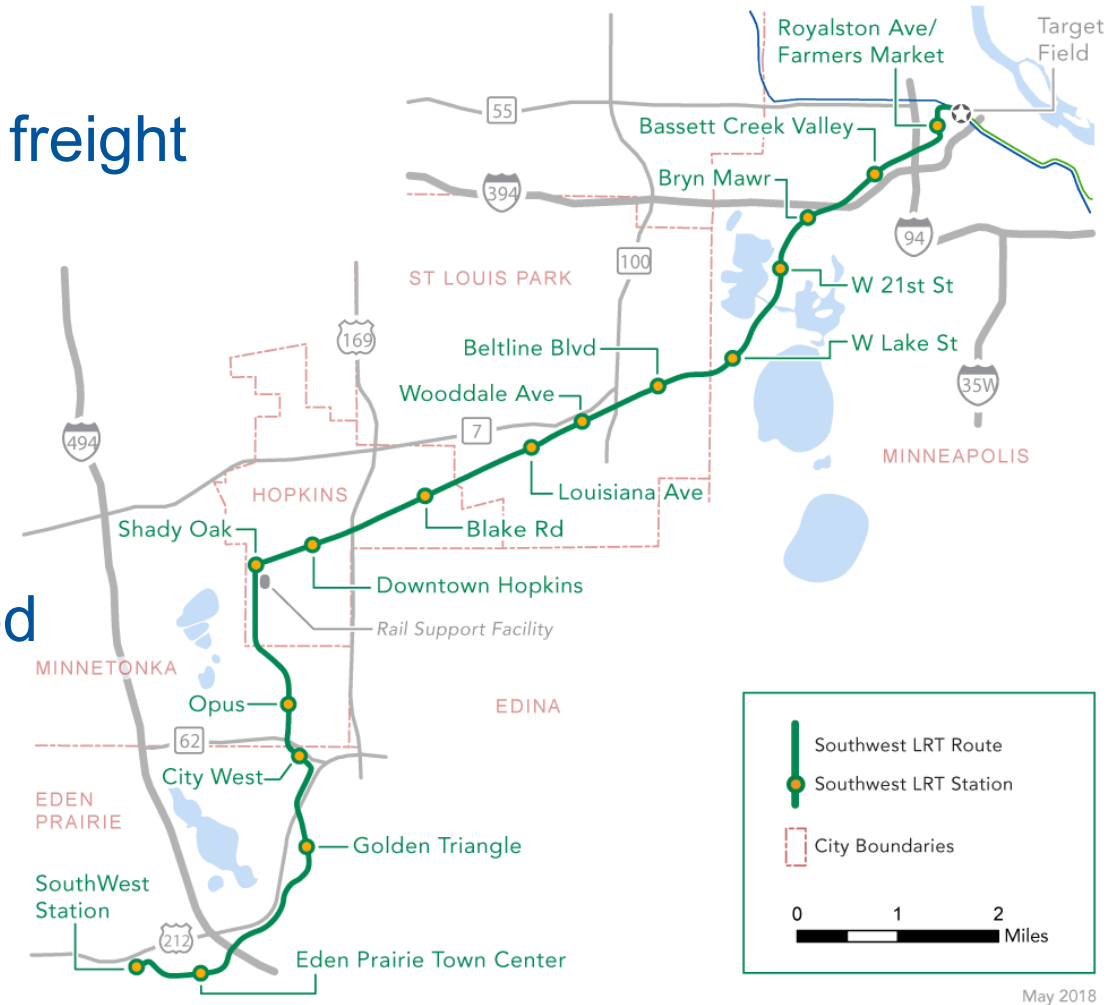


Project Update

Jim Alexander
Project Director

Project scope

- 16 new LRT stations
- 44 significant structures:
 - 29 new bridges: LRT, pedestrian, roadway, freight
 - 7 existing bridges with modifications
 - 6 pedestrian tunnels
 - 2 cut and cover LRT tunnels:
 - Highway 62: 582 feet
 - Kenilworth: 2,236 feet
- 15 at-grade LRT crossings; including 5 shared crossings with freight rail
- 121 retaining walls
- LRT track: 14.5 miles
- 7.8 mi shared LRT & freight rail corridor
- Freight rail reconstruction
- Trail reconstruction



LRT construction sequencing



Utilities

- Excavation
- Relocation / installation



Site Prep

- Clear buildings
- Establish work zones, detours



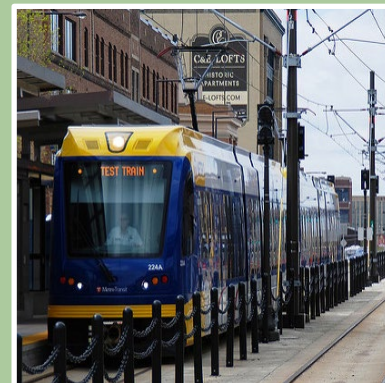
Structures, track, stations

- Track beds
- Track
- Buildings
- Roadwork
- Trails



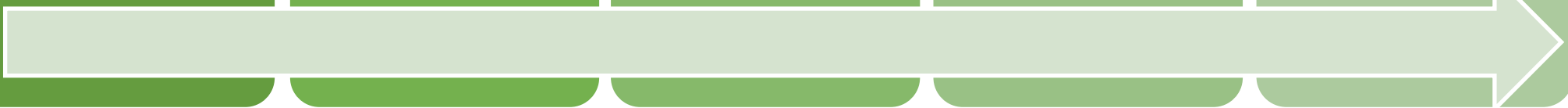
Systems

- Overhead catenary
- Safety & security
- Ticket vending

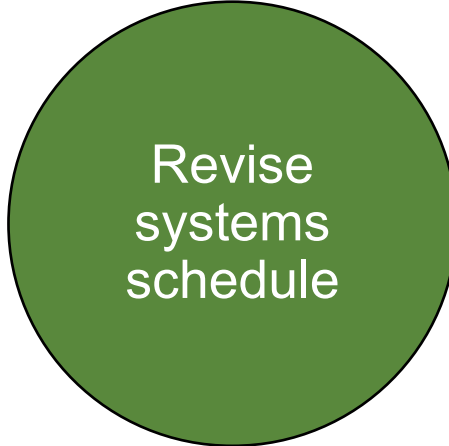


Testing

- Safety
- Comms
- Operator training



Project schedule and cost



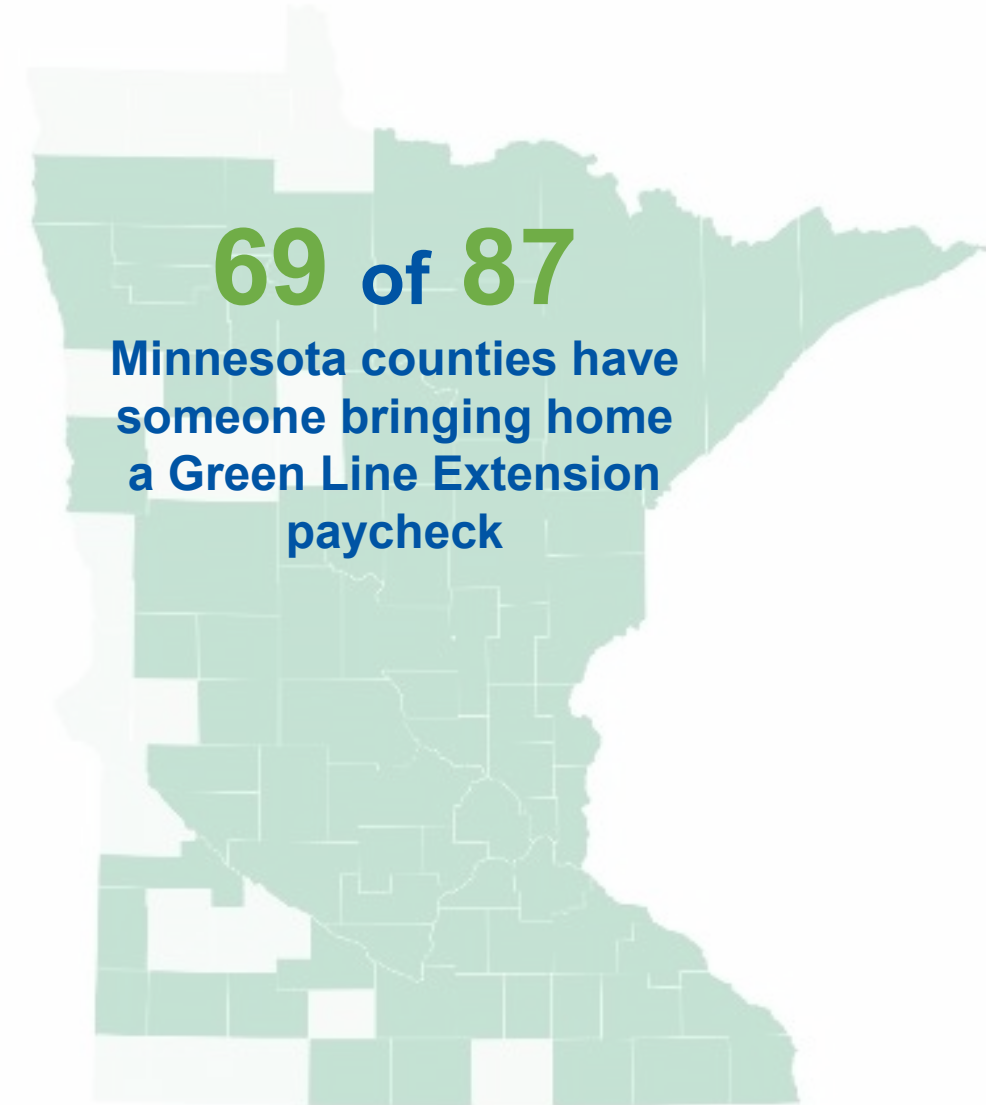
Completed

Completed

Current Step

Construction workers

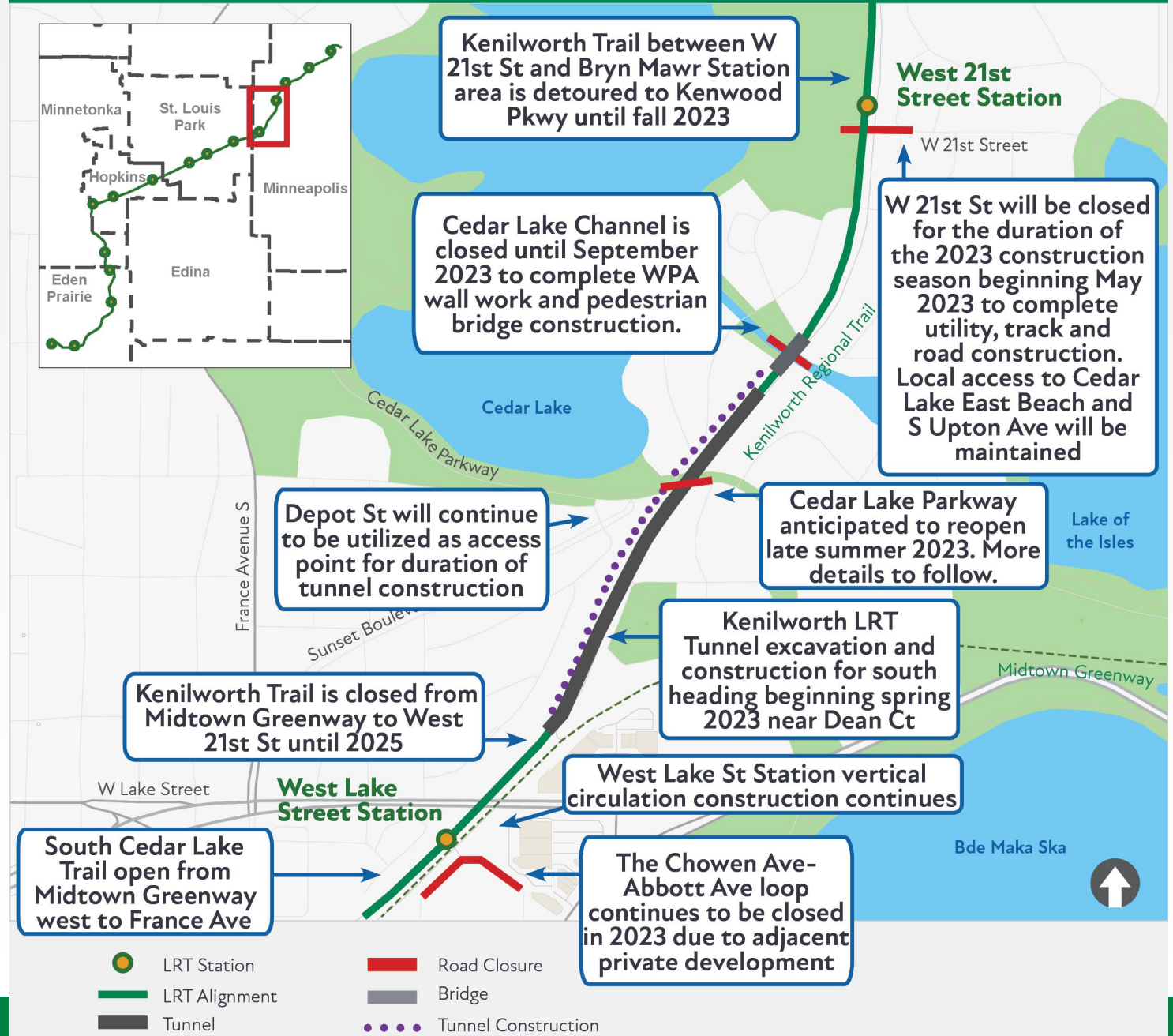
- Putting people to work:
 - 3,981 individuals working on the project through February 2023
 - 3,226 reside in Minnesota
 - Employing folks from 79% of counties statewide
 - \$206.8 million billed by Disadvantage Business Enterprise companies (20.4%) for construction activities through January 2023, exceeding the overall goal of 15%
 - Project reinvesting in communities throughout the Twin Cities and State



2023 Construction Activities

2023 Construction Activities

West Lake Street Station area to West 21st Street Station area



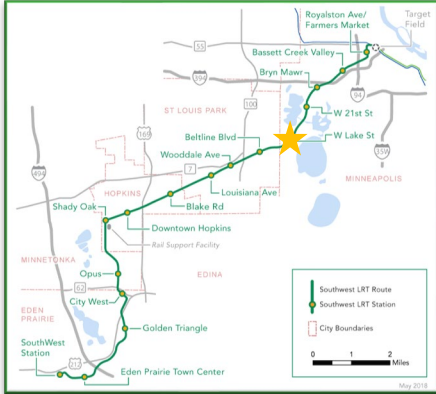
2023 Construction Activities: West Lake Street to West 21st Street

- Traffic Impacts
 - West 28th Street/Dean Court: currently closed until late May or early June
 - Cedar Lake Parkway: reopens later this summer
 - Additional short-term closure will be needed following completion of the tunnel to shift freight to permanent location as well as construct roadway and sidewalks in their final conditions
 - West 21st Street: closed for 6 months starting early May, local access maintained to Upton Avenue and East Cedar Lake Beach
 - West Lake Street: potential lane closures later in 2023 for vertical circulation construction
 - Abbott/Chowen: continued roadway impacts into 2024

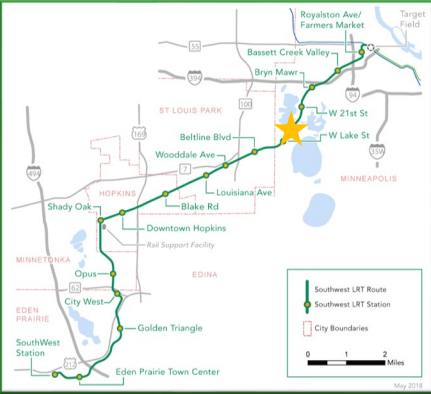
2023 Construction Activities: West Lake Street to West 21st Street

- Stations
 - West Lake Street: vertical circulation construction
 - West 21st Street: adjacent utilities, LRT track crossing installation, roadwork and sidewalks
- Bridges, Tunnel, Walls
 - Kenilworth LRT Tunnel
 - Secant wall pile installation is complete (April 2023)
 - Excavation and tunnel construction to commence for southern segment in late spring
 - Cedar Lake Channel Pedestrian Bridge: construction continues through 2023
 - WPA historic retaining walls: reconstruction to conclude spring 2023
- Freight Rail Work
 - Ongoing maintenance of freight track throughout the corridor

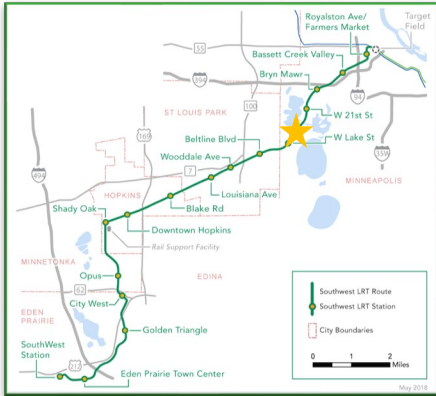
West Lake Street Station



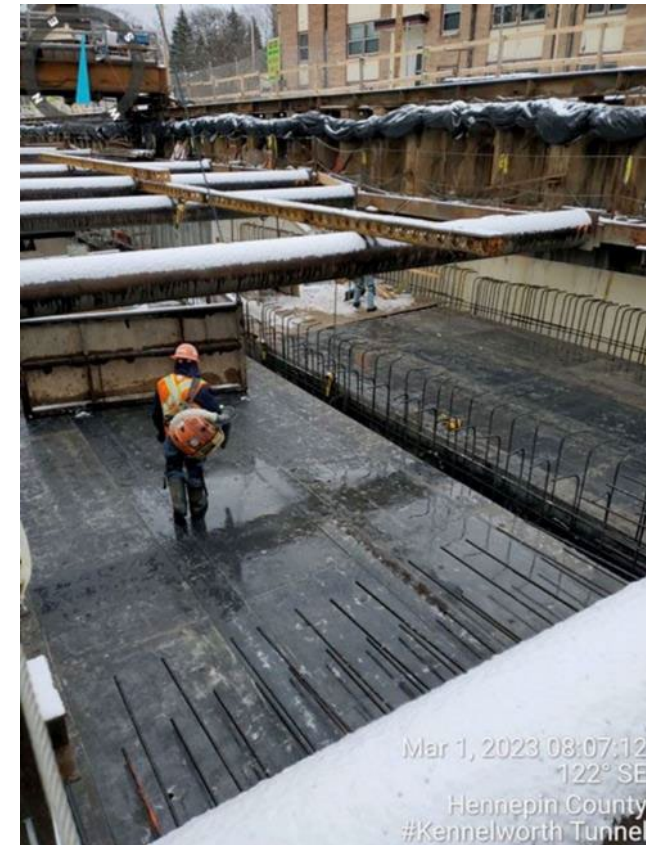
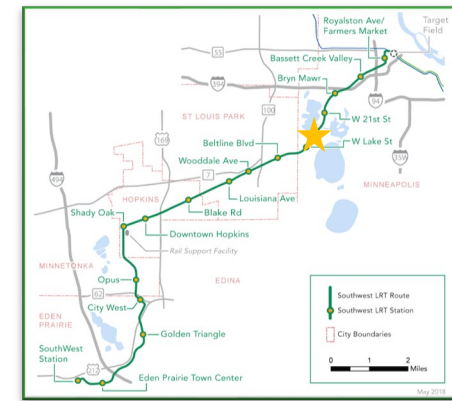
Secant Wall Construction



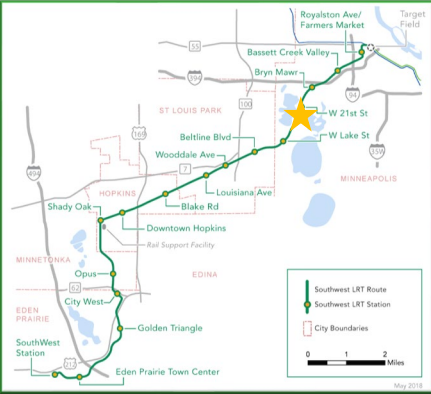
Impediment Investigation and Removal at Kenilworth LRT Tunnel



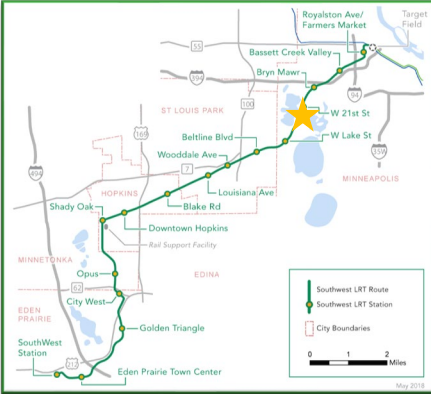
Kenilworth LRT Tunnel



Cedar Lake Channel Pedestrian Bridge

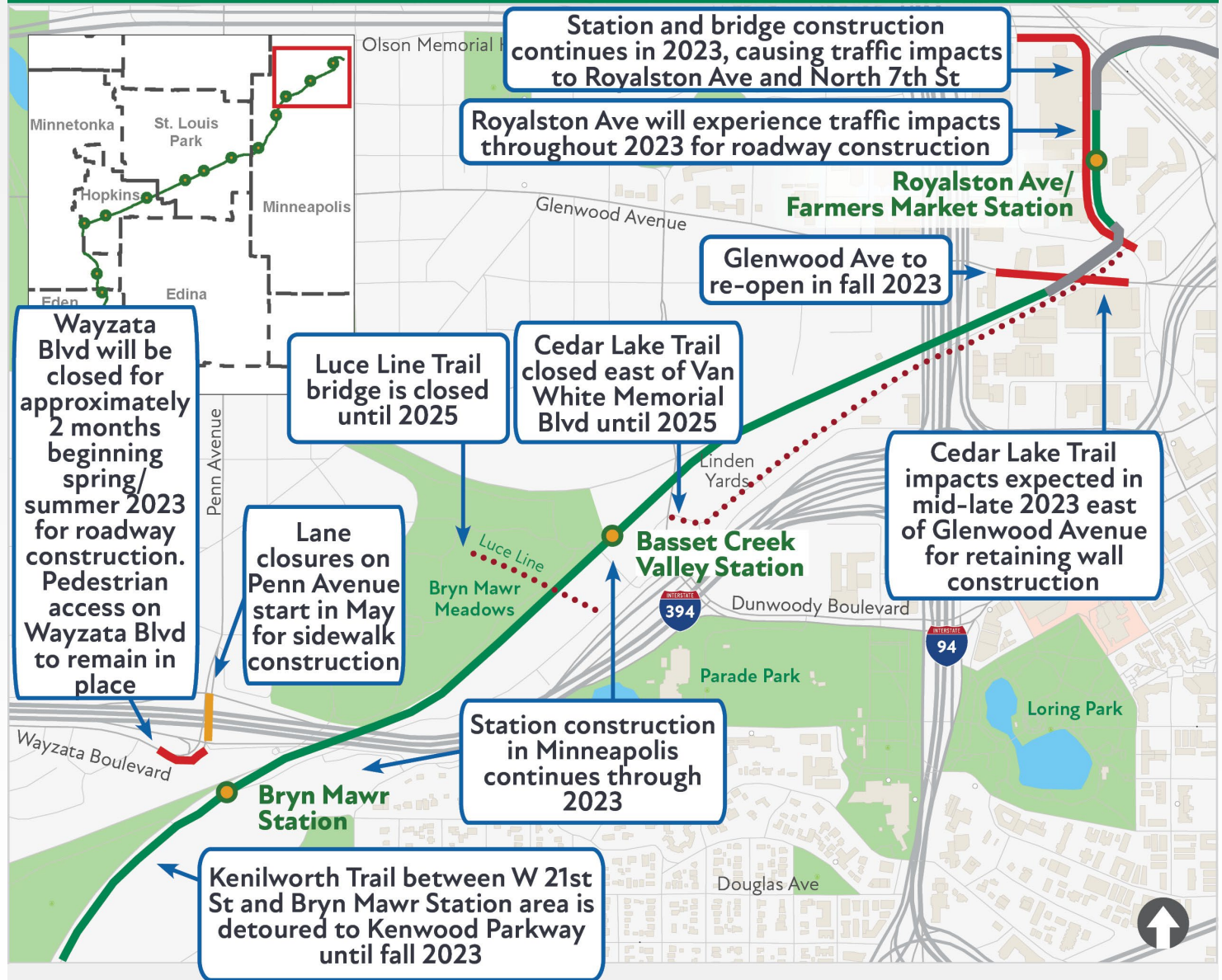


Works Progress Administration (WPA) wall reconstruction at Cedar Lake Channel



2023 Construction Activities

Bryn Mawr Station area to Royalston Avenue/Farmers Market Station area



- LRT Station
- LRT Alignment
- Road Closure
- Lane Closure
- Bridge
- ⋯ Trail/Sidewalk Closure

2023 Construction Activities: Bryn Mawr Station area to Royalston Avenue/Farmers Market Station area

- Traffic Impacts
 - Wayzata Boulevard/Penn Avenue
 - Closed for 2 months beginning spring/summer
 - Van White Memorial Boulevard
 - Lane closures for utility work this summer/fall
 - Royalston Avenue and Border Avenue closures in two phases
 - Phase 1: North 5th Avenue to Holden Street beginning spring/summer
 - Phase 2: North 5th Avenue to Border Avenue beginning summer/fall following Phase 1 work
 - Border/Holden intersection to be closed later this fall once Glenwood Avenue is reopened
 - Access to businesses will be maintained
 - North 7th Street
 - Periodic road closures and other traffic impacts for staging of construction activities and pouring of concrete

2023 Construction Activities: Bryn Mawr Station area to Royalston Avenue/Farmers Market Station area

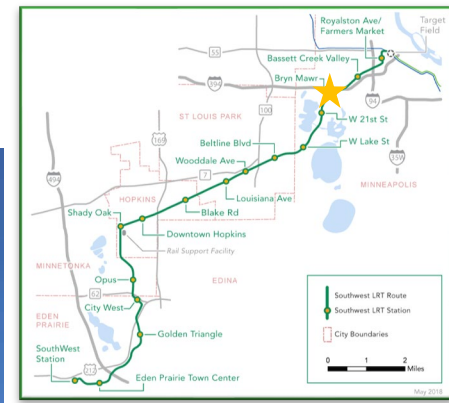
- Stations

- Bryn Mawr, Bassett Creek Valley: station platform construction, vertical circulation construction
- Royalston Avenue/Farmers Market: adjacent utilities, LRT track installation

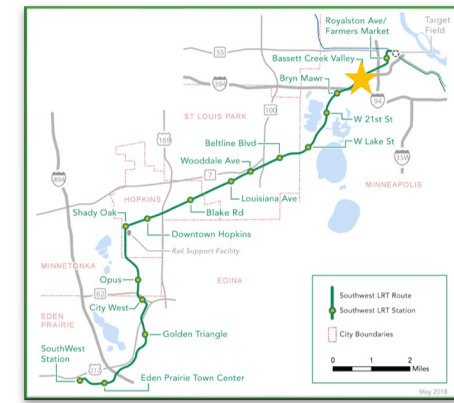
- Bridges/Structures

- Corridor Protection Barrier: substantially complete. Gaps to be filled once haul route access is no longer needed
- Luce Line Trail Bridge: construction ongoing
- Glenwood Avenue Roadway and LRT bridges: reopening fall 2023
- 5th Ave/7th Street LRT Bridge: construction over North 7th Street continues

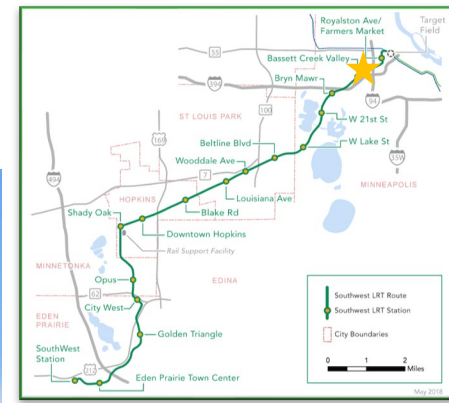
Bryn Mawr Station



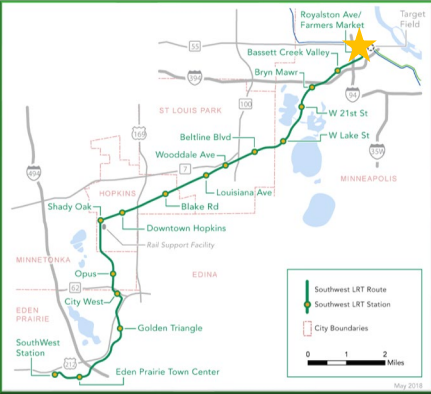
Bassett Creek Valley Station



Glenwood Avenue East Roadway Bridge

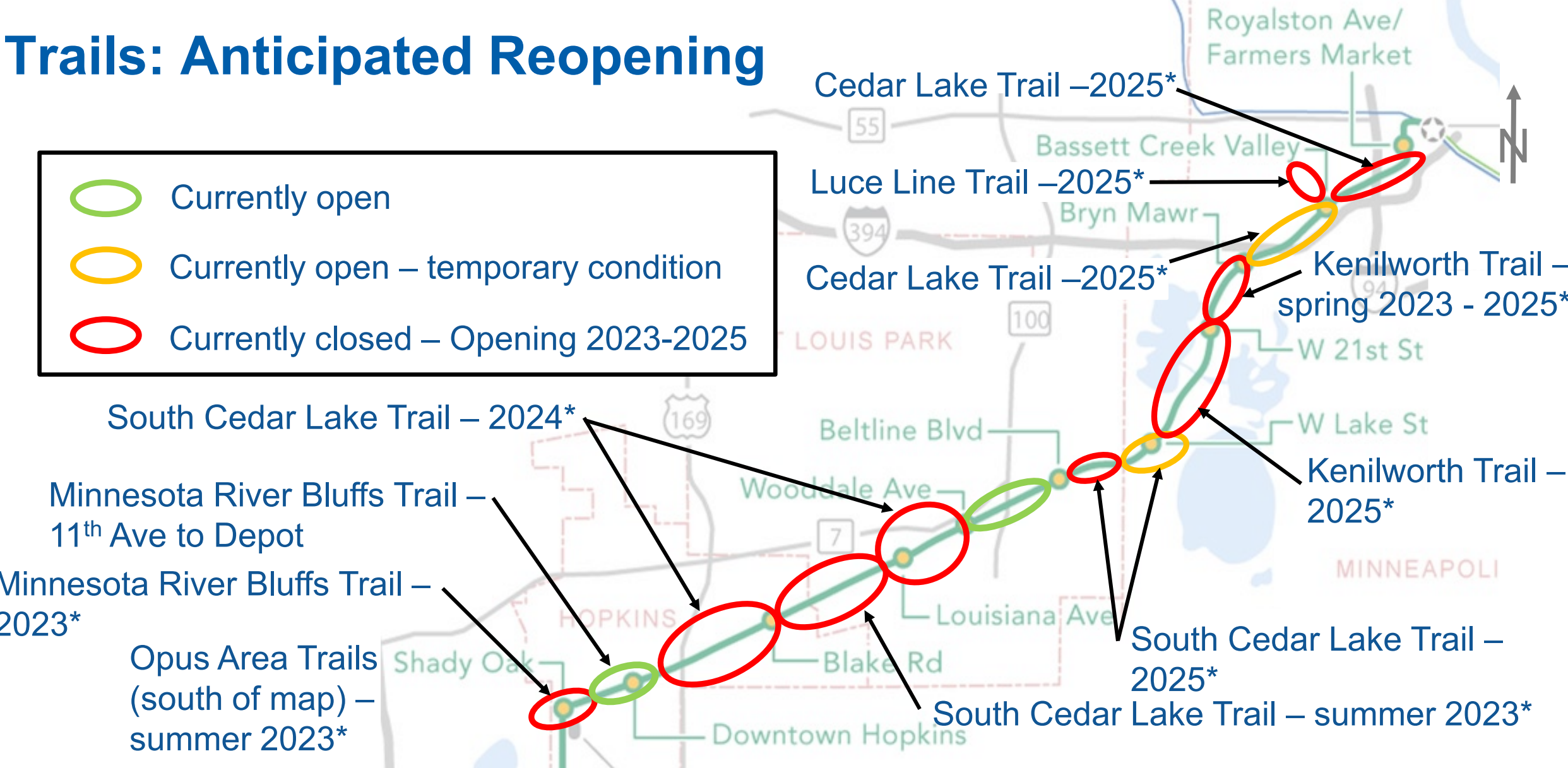


5th Avenue/7th Street LRT Bridge



Trails: Anticipated Reopening

-  Currently open
-  Currently open – temporary condition
-  Currently closed – Opening 2023-2025



South Cedar Lake Trail – 2024*

Minnesota River Bluffs Trail –
11th Ave to Depot

Minnesota River Bluffs Trail –
2023*

Opus Area Trails
(south of map) –
summer 2023*

Cedar Lake Trail –2025*

Luce Line Trail –2025*

Cedar Lake Trail –2025*

Kenilworth Trail –
spring 2023 - 2025*

Kenilworth Trail –
2025*

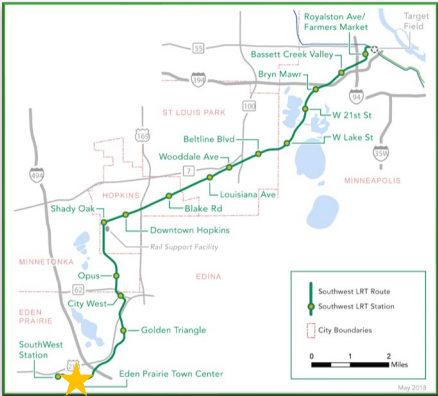
South Cedar Lake Trail –
2025*

South Cedar Lake Trail – summer 2023*

*Based on Civil construction substantial completion dates. SPO will work with the contractor to improve on these opening dates, where possible. See GreenLineExt.org for detour routes.

Systems Construction

OCS pole arm assembly near Eden Prairie Town Center Station



Traction Power Substation (TPSS) 310 in local storage



Traction Power Substation (TPSS) Installation at SouthWest Station and Town Center Station



Communications and Outreach Update

Public Involvement: New Faces

- Diane Anastos
 - Construction coordination in St. Louis Park, eventually assuming responsibilities in Hopkins, Minnetonka and Eden Prairie
 - Tour coordination
 - Trails messaging
- Kaydee Kirk
 - Construction coordination in Minneapolis
 - Construction update coordination



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Public Involvement: Walking Tours Starting in May

- 3 rounds of tours planned (May, July, September)
- Two upcoming tours of Kenilworth Tunnel area
 - 5/16 and 5/19. Registration full.
- Additional tours can be coordinated with community groups, neighborhoods



2022 Kenilworth LRT Tunnel Walking Tour

Q & A

Thank You

MORE INFORMATION

Website: GreenLineExt.org

Email: swlrt@metrotransit.org

Twitter: [@GreenLineExtMN](https://twitter.com/GreenLineExtMN)

Instagram: [@GreenLineExtMN](https://www.instagram.com/GreenLineExtMN)