

METRO Orange Line

Project Update and Business items 2020-50 and 2020-51

Transportation Committee

March 8, 2021

Charles Carlson- Director, Metro Transit BRT Projects

Derek Berube- Lead Project Manager, Metro Transit Engineering & Facilities

METRO Orange Line Bus Rapid Transit (BRT)

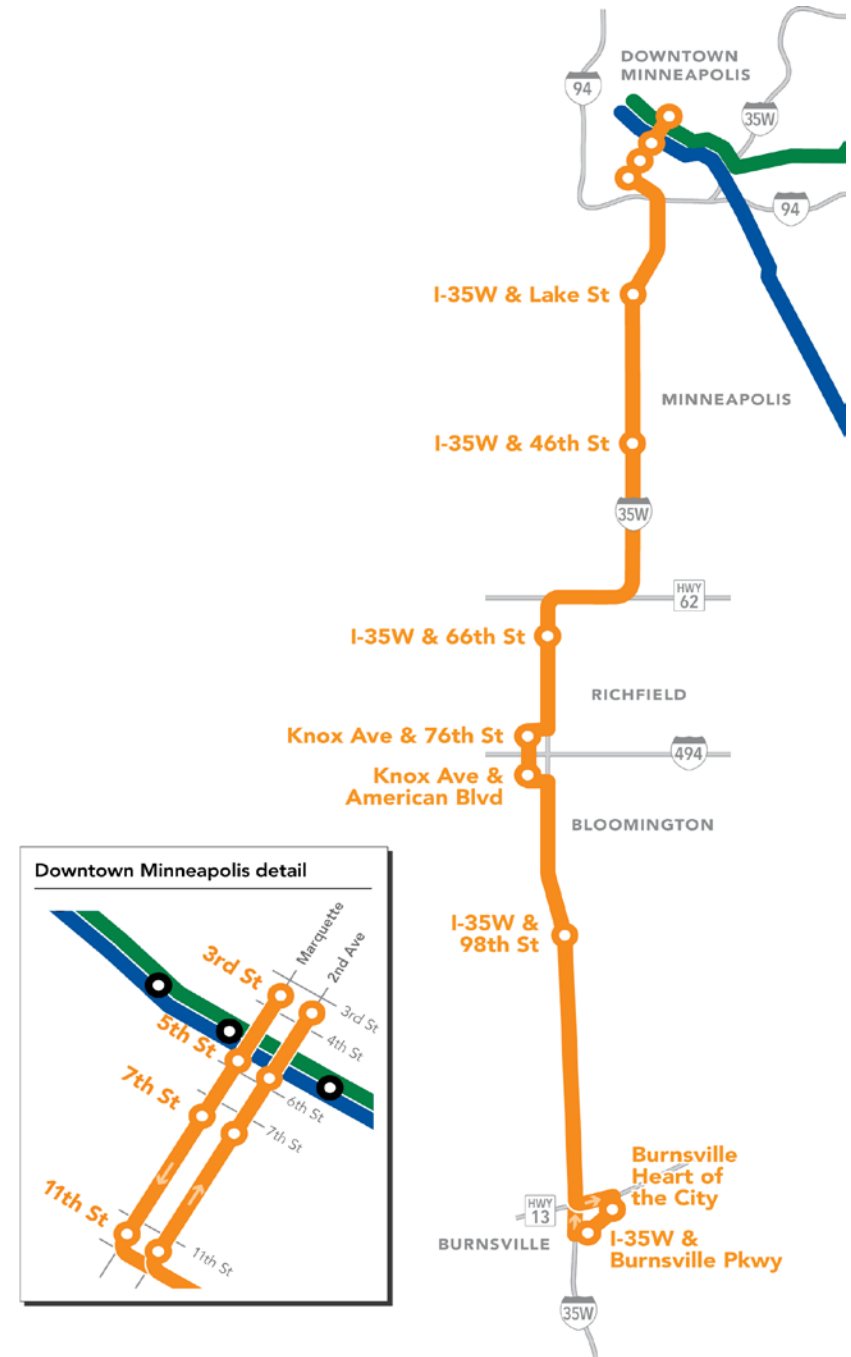
Downtown Minneapolis to Burnsville

- 12 stations, 17 miles
- All-day, frequent BRT and improvements for existing express bus service along I-35W
- Improved access to downtown Minneapolis and to 56,000 jobs and 81,000 residents outside downtown

Project Status

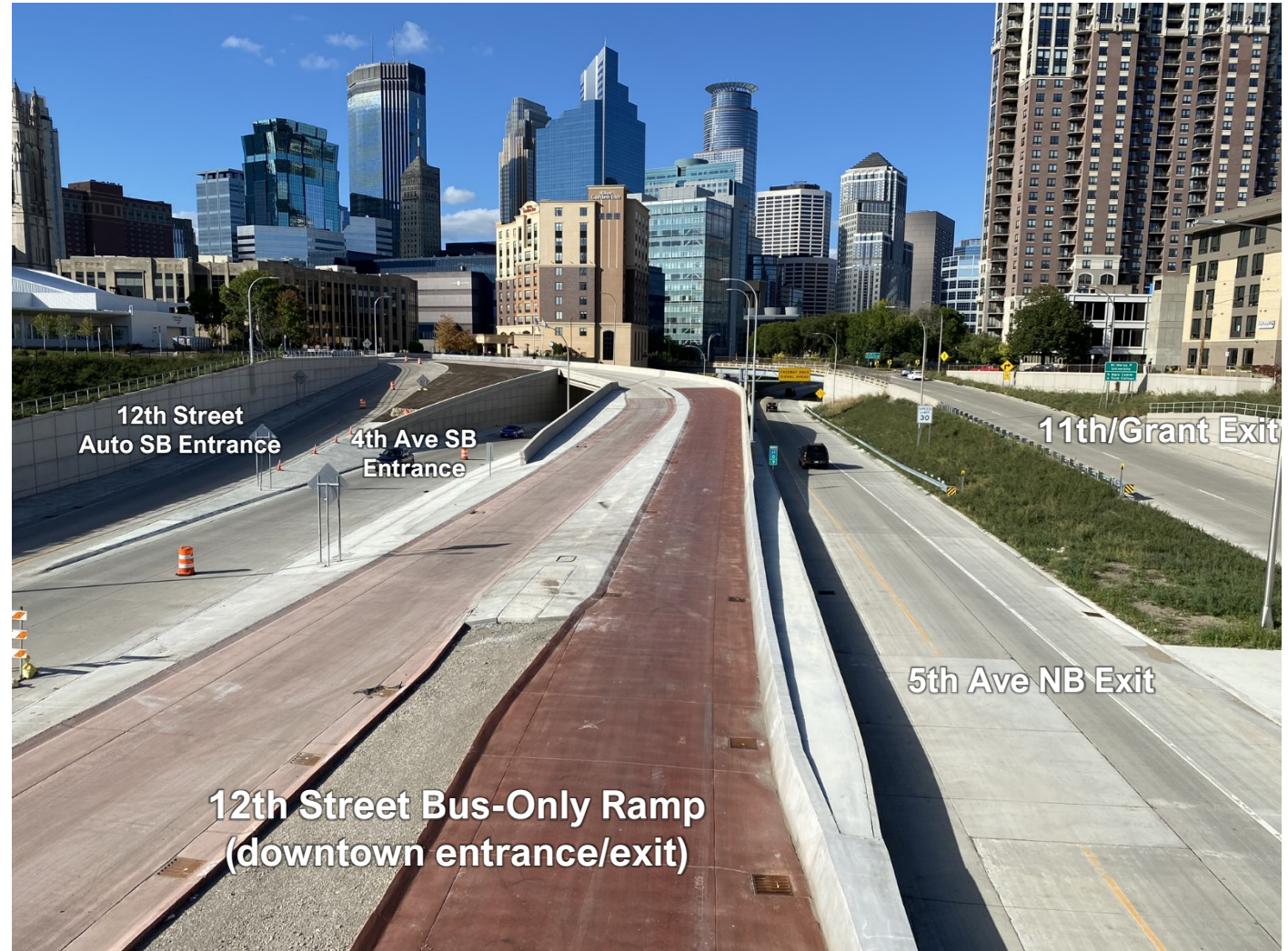
- Opening late 2021
- Fully funded, \$150 million project
- 68% Construction Complete (by value)

Next segment of METRO network of LRT & BRT Lines



Construction Contracts

- 35W@94 Downtown to Crosstown
 - Orange Line features include 12th Street Bus Only Ramp, bus only 12th Street contraflow lane from 35W and Lake Street Station
- Knox Avenue Underpass
- Orange Line Stations



New 12th Street Bus Ramp

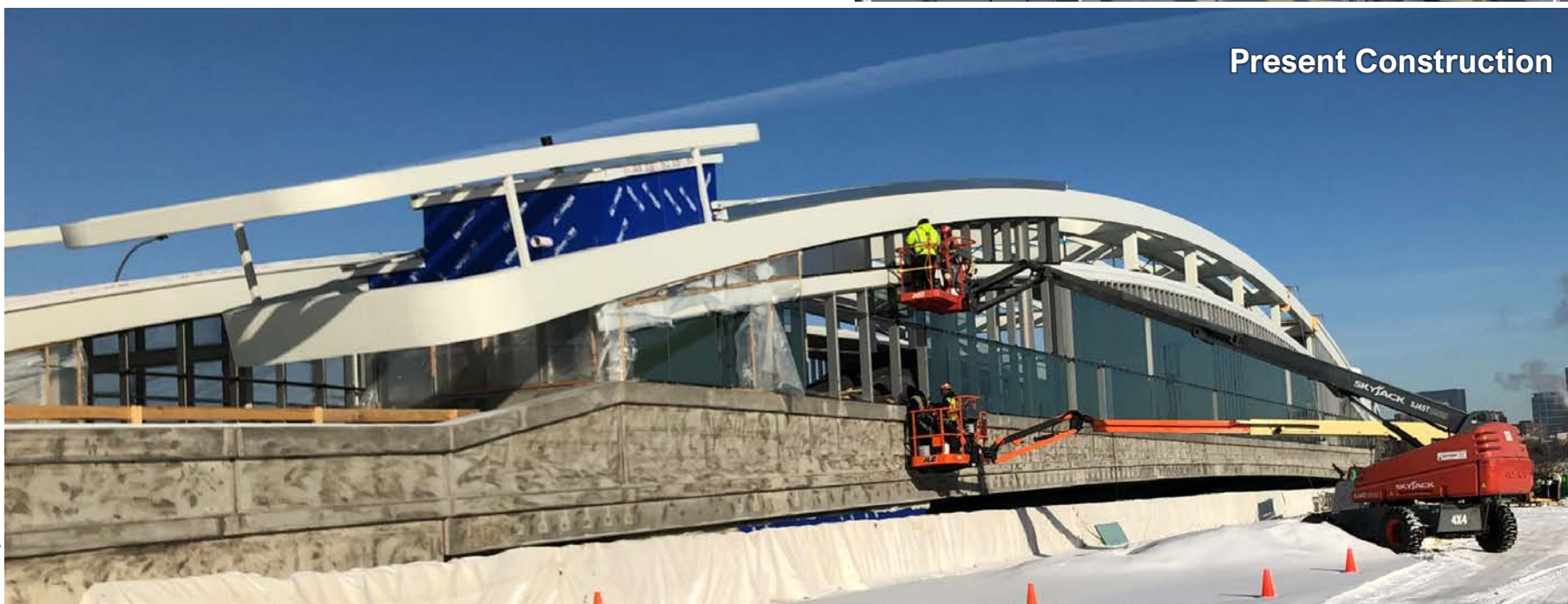
I-35W & Lake Street Station- Freeway Level

Future BRT Station



Past Bus Stop

Present Construction



Construction Activities One Year Ago



Pouring of the Transit Bridge, Fall 2019



Pouring of the Transit Bridge, Fall 2019

35W & Lake Street Station



Southbound 35W level loading area, Winter 2021



Transit Bridge, Winter 2021

Station Interior



7 Stairs to 35W level from North Station, Winter 2021



North Station Lobby grand staircase, Winter 2021

Knox Avenue Tunnel under I-494 (Summer 2020)



- Transit and bike/ped-only tunnel under 494
- Doorstep access to Best Buy and Penn-American district shopping, jobs, growing residential area
- Saves 10 minutes from 76th to 82nd St compared to today's routing via Penn Ave
- 15-minute ride from Downtown Minneapolis



Final Condition Looking south

North half tunnel construction, Summer 2020

2020 North Half Tunnel Construction



North half tunnel construction, Summer 2020



North half tunnel complete, Fall 2020



North half tunnel interior, Fall 2020

February 2021- South Tunnel East Wall Footing Completed



South half tunnel piling west wall , Winter 2021



South half tunnel east walls foundation, Winter 2021

Stations Package- Bloomington American Blvd



Southbound Knox and American Station utility installation, Fall 2020



Southbound Knox and American Station, Winter 2021

Stations Package- Bloomington 98th Street and Burnsville Heart of the City



98th Street Station Plaza, Fall 2020



Burnsville Heart of the City Construction, Fall 2020

Station Visualization (66th St)



Rendering of future Northbound 66th Street station

DBE Participation

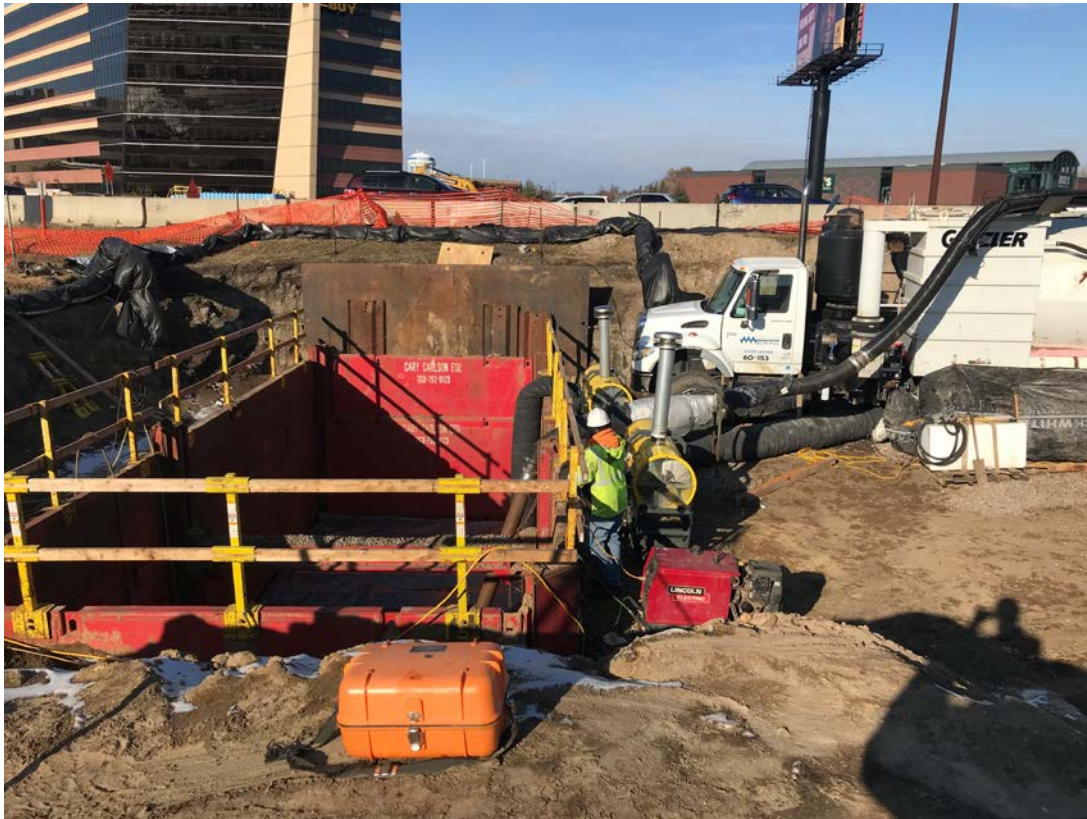


Bald Eagle Erectors Installing Lake Street Canopy, Summer 2020



Bald Eagle Erectors Installing Lake Street Canopy, Fall 2020

DBE Participation, continued



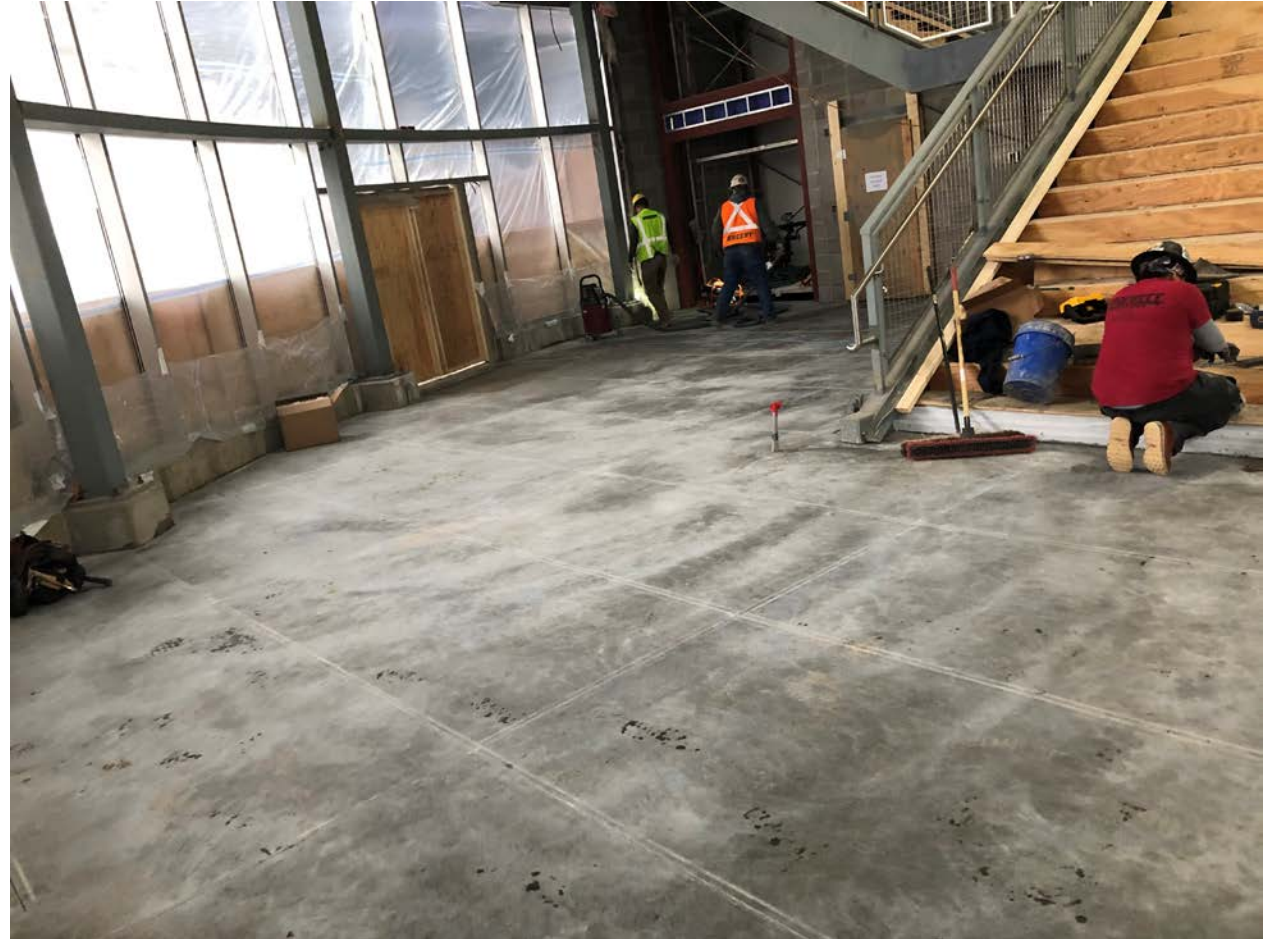
Rice Lake Boring boring 42" Watermain under 494, Fall 2019



Safety Signs installing signage, Summer 2020

2021 Next Steps

- Complete Construction
 - Complete 35W@94 road project including Lake Street Station (Sept)
 - Complete Stations
 - March shelter steel placement
 - Ongoing construction to Fall 2021
 - Commissioning/Testing
 - Complete Knox Avenue project
 - Walls/Roof completion
 - Restore I-494
 - Transit roadway and path
 - Lighting, communications, systems
 - Landscape restoration
- Revenue Service Preparations



North Station Lobby grand staircase, Winter 2021

Business Item 2021-50

Proposed Action

Authorize the Regional Administrator to apply for, negotiate, and execute capital grant agreement 21I013 providing \$2,230,109 from the Dakota County Regional Railroad Authority for the Orange Line BRT project.

Business Item 2021-51

Proposed Action

Authorize the Regional Administrator to apply for, negotiate, and execute capital grant agreement 21I012 providing \$8,040,000 from the Hennepin County Regional Railroad Authority for the Orange Line BRT project.