



Rapid Bus Program Update

Transportation Committee | October 8, 2018

Katie Roth, Manager, Arterial Bus Rapid Transit

Kyle O'Donnell Burrows, Senior Planner

Planned Project Implementation

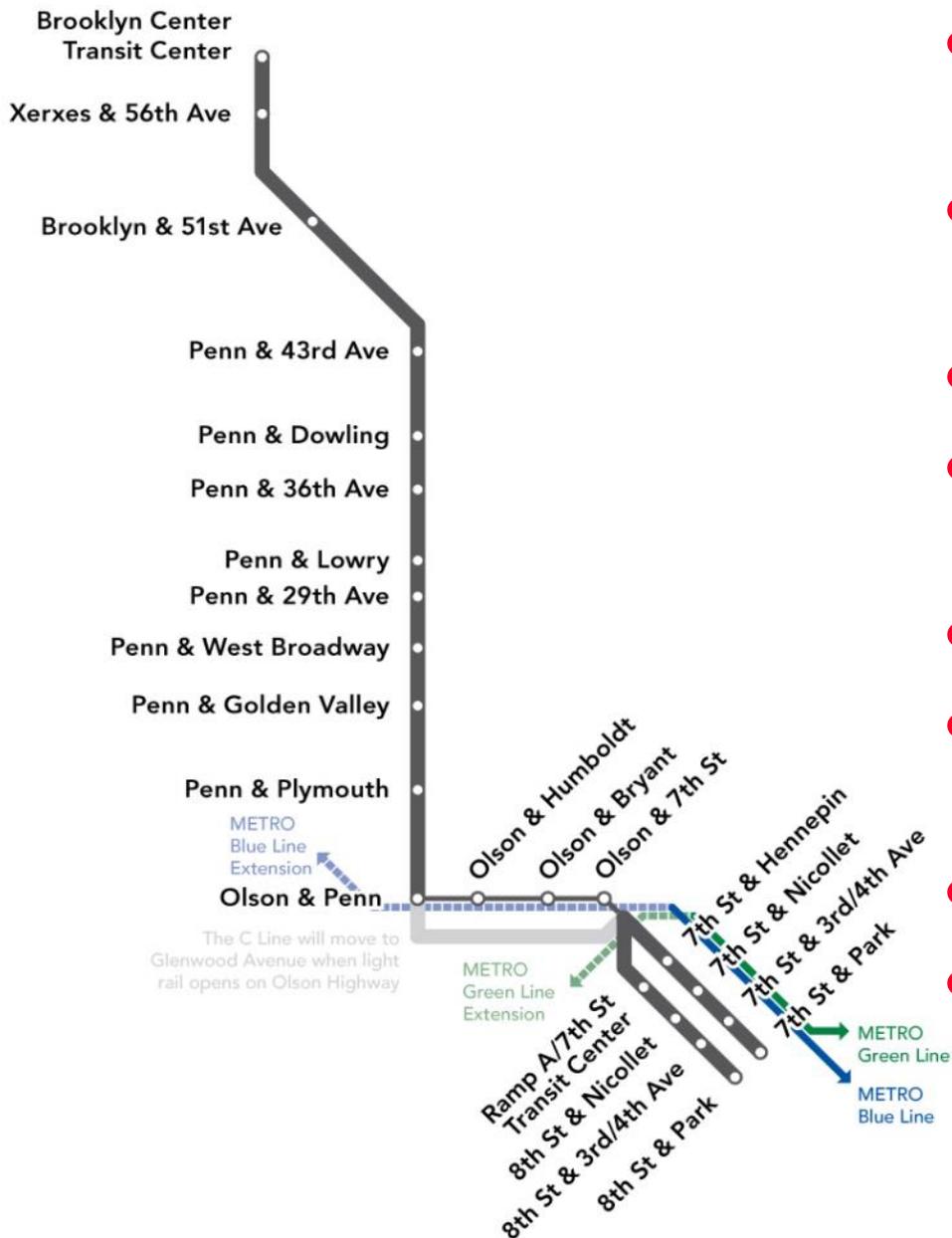


	2018	2019	2020	2021	2022	2023	2024
A Line (Snelling)	Operational						
C Line (Penn)	Construction & Implementation						
D Line (Chicago-Fremont)	Final Plan	Engineering	Construction & Implementation				
B Line (Lake-Marshall)		Station Plan	Engineering	Construction & Implementation			
E Line (Hennepin)	Pre-Planning Coordination & Study	Station Plan	Engineering	Construction & Implementation			

September 2018

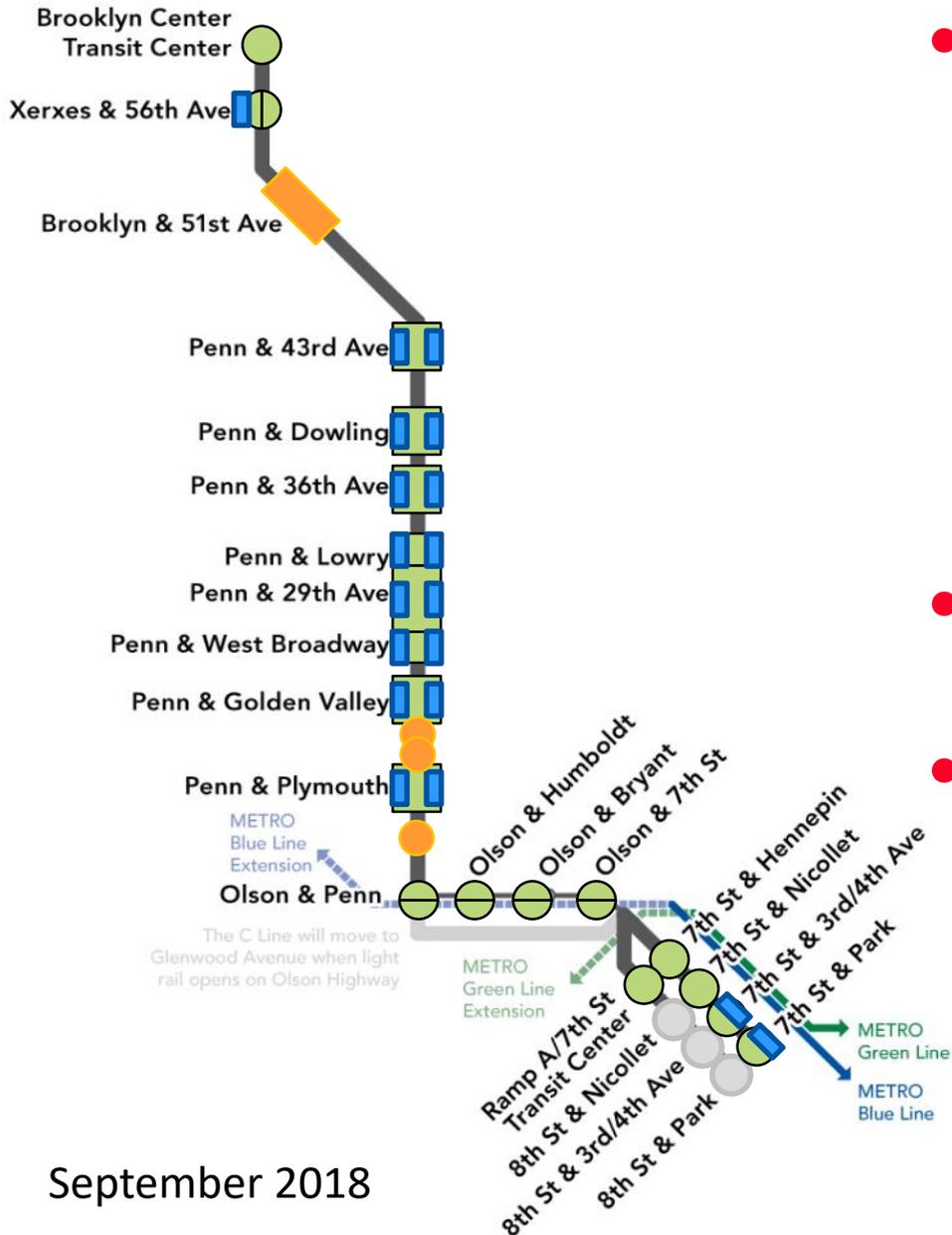
Project schedules are approximate and subject to change pending project funding availability.

C Line (Penn Avenue North)



- 8.5 miles from downtown Minneapolis to Brooklyn Center
- Substantial replacement of Route 19
- 23 stations
- 7,600 daily rides today, 9,300 by 2030
- \$37 million project budget
- First deployment of battery-electric buses for Metro Transit
- 2018 construction
- 2019 service launch

C Line Construction Progress



- Most heavy civil work complete
 - 8 Penn Avenue intersections and Broadway to Lowry reconstruction
 - 4 standalone station platforms
 - 6 temporary stations on Olson
 - 2 transit centers
- 17 of 19 new rapid bus-style shelters installed
- Ongoing
 - Added traffic signal reconstruction at 3 intersections
 - Brooklyn Boulevard construction

September 2018



Google

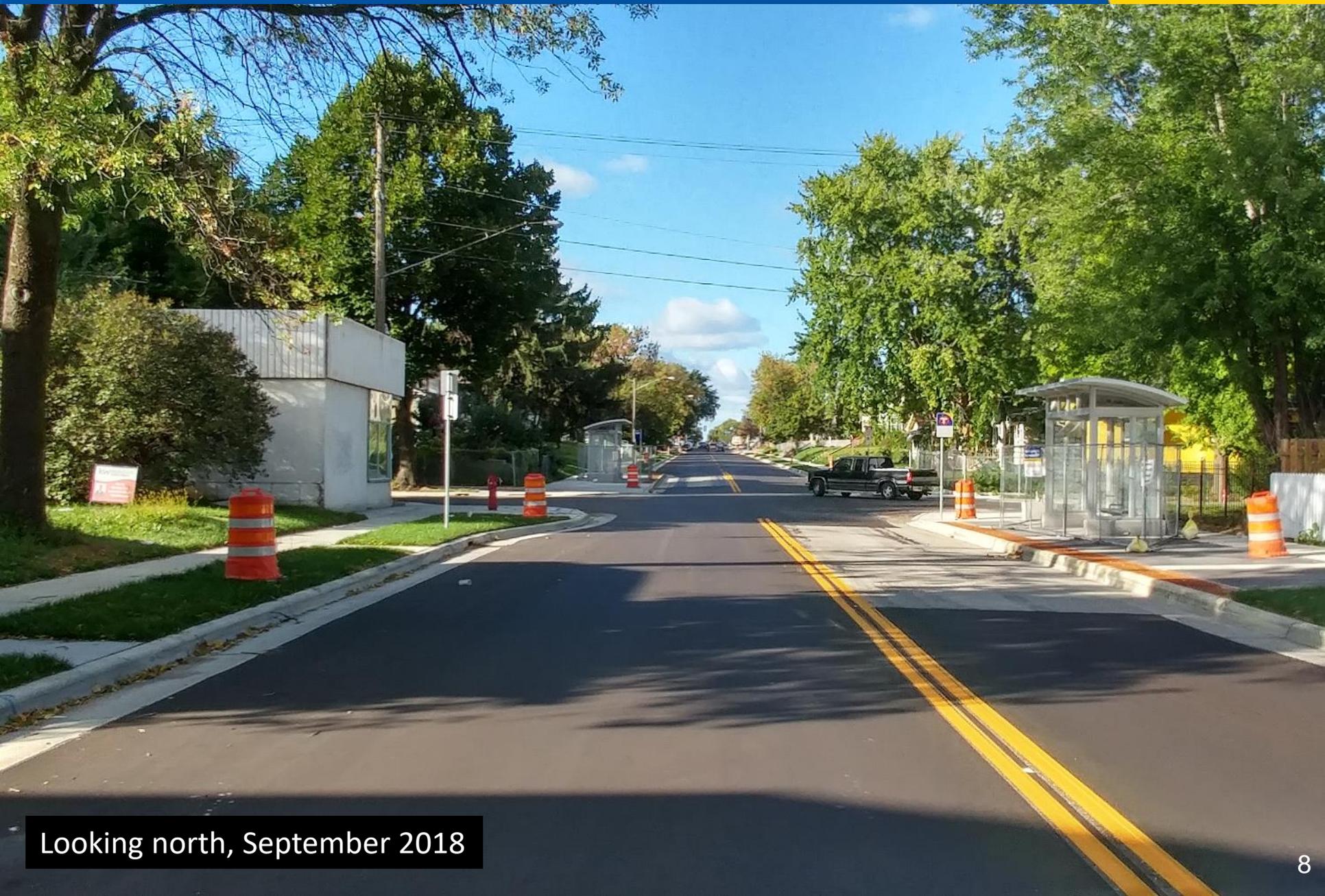
Looking north, August 2016



Looking north, September 2018



Looking north, August 2017



Looking north, September 2018

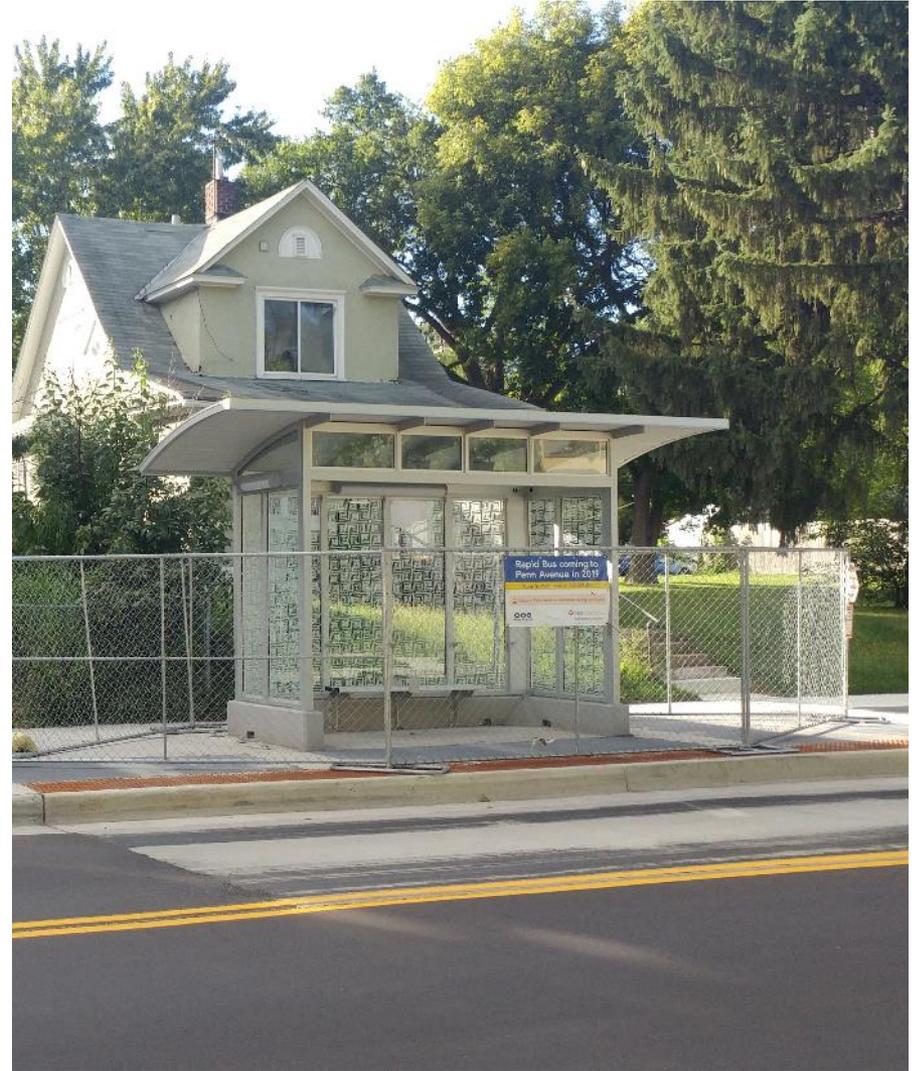
September 15: Open Streets



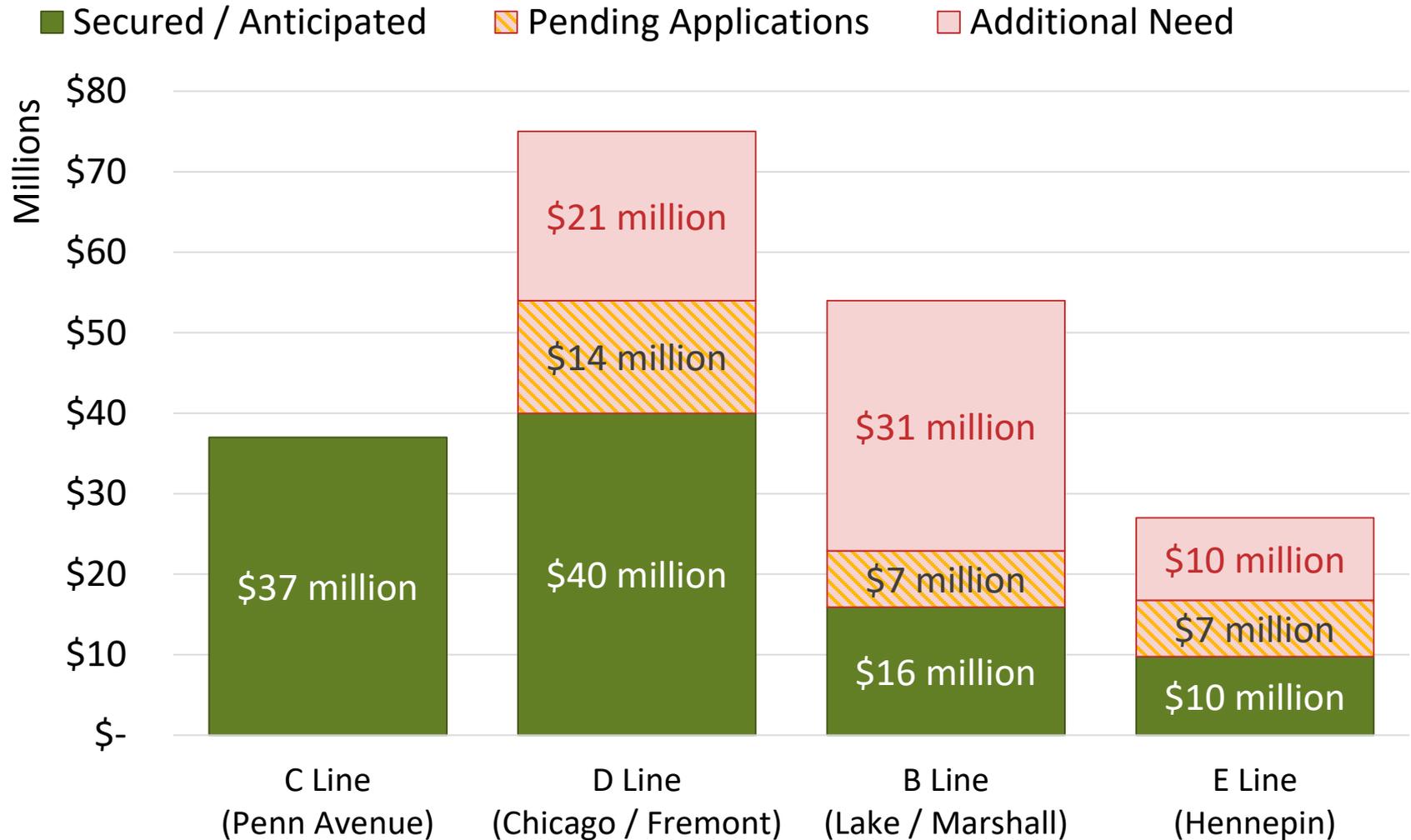
September 19: First bus delivery



- Ongoing corridor construction
 - Shelter completion
 - Pylons
 - Station furnishings
 - Technology and fare collection
 - Transit signal priority
- Fleet readiness
 - Bus delivery
 - Charging infrastructure



Secured and needed funding



9,300 daily rides

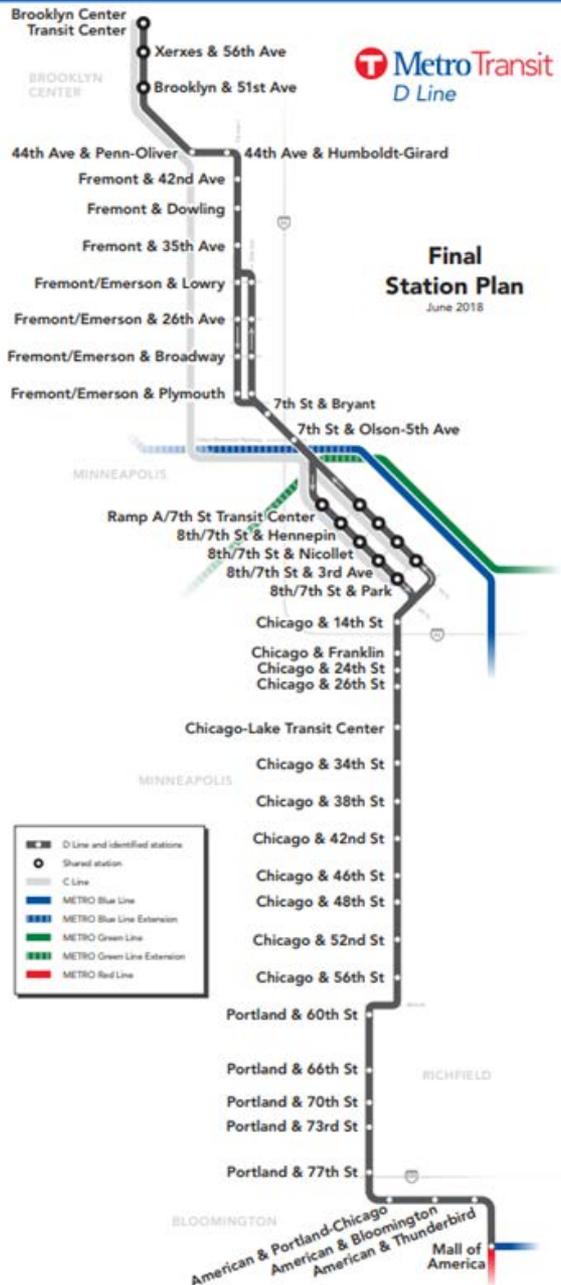
23,500 daily rides

18,000 daily rides

23,000 daily rides

Source: 2030 corridor forecast ridership, Arterial Transitway Corridors Study (2012)

D Line: Chicago / Emerson-Fremont



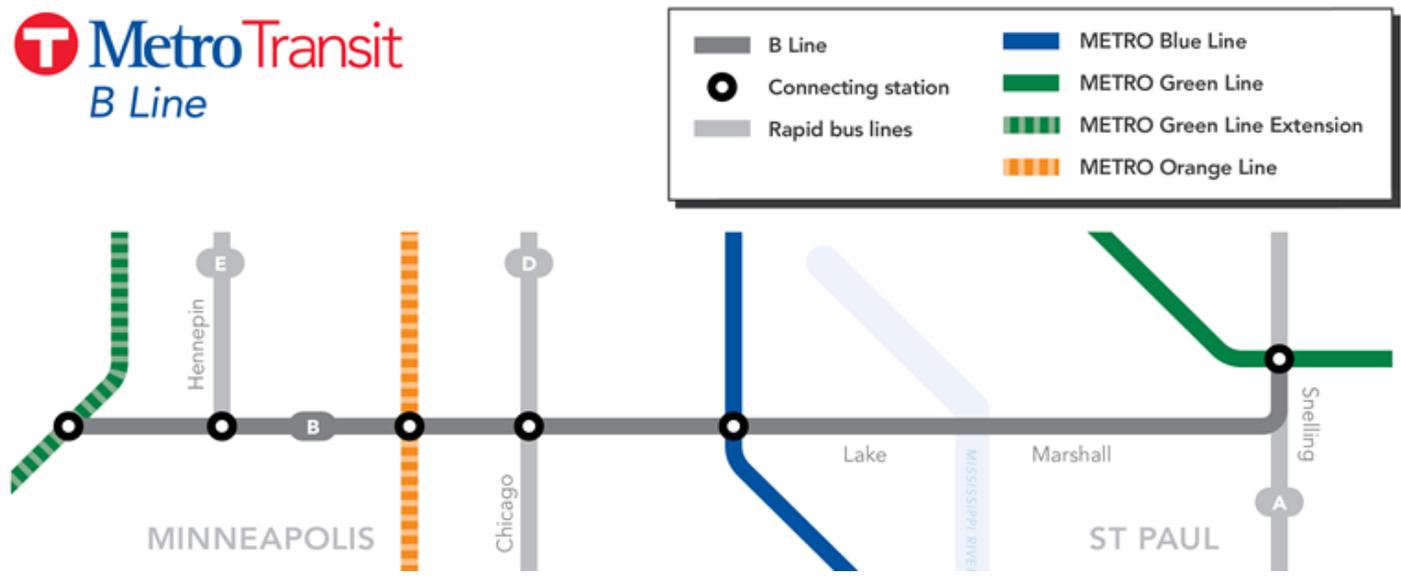
- Ongoing planning & outreach at Chicago & 48th following July 25 Council action to approve Station Plan
- Environmental document coordination ongoing
- Engineering services contract to be awarded Fall 2018



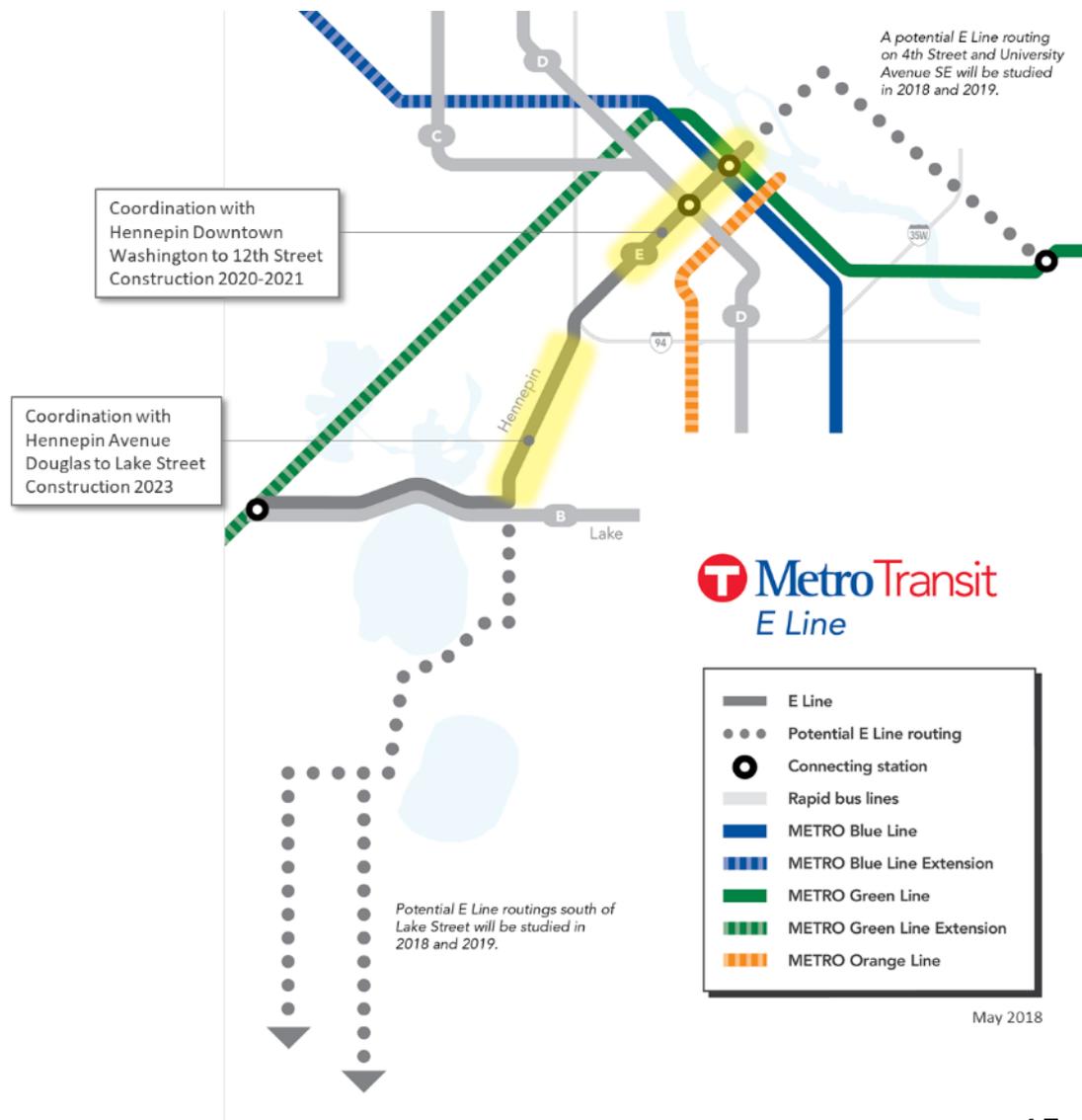
B Line: Lake Street / Marshall Avenue



- Replacement of much of Route 21
- Builds on 2012-2013 Midtown Alternatives Analysis
- West Lake Station to Snelling & University
- Coordination with Lake Street Connections / METRO Orange Line, Lake & Hiawatha projects
- 2018-2019 Planning, 2019-2020 Engineering
- \$16 million identified

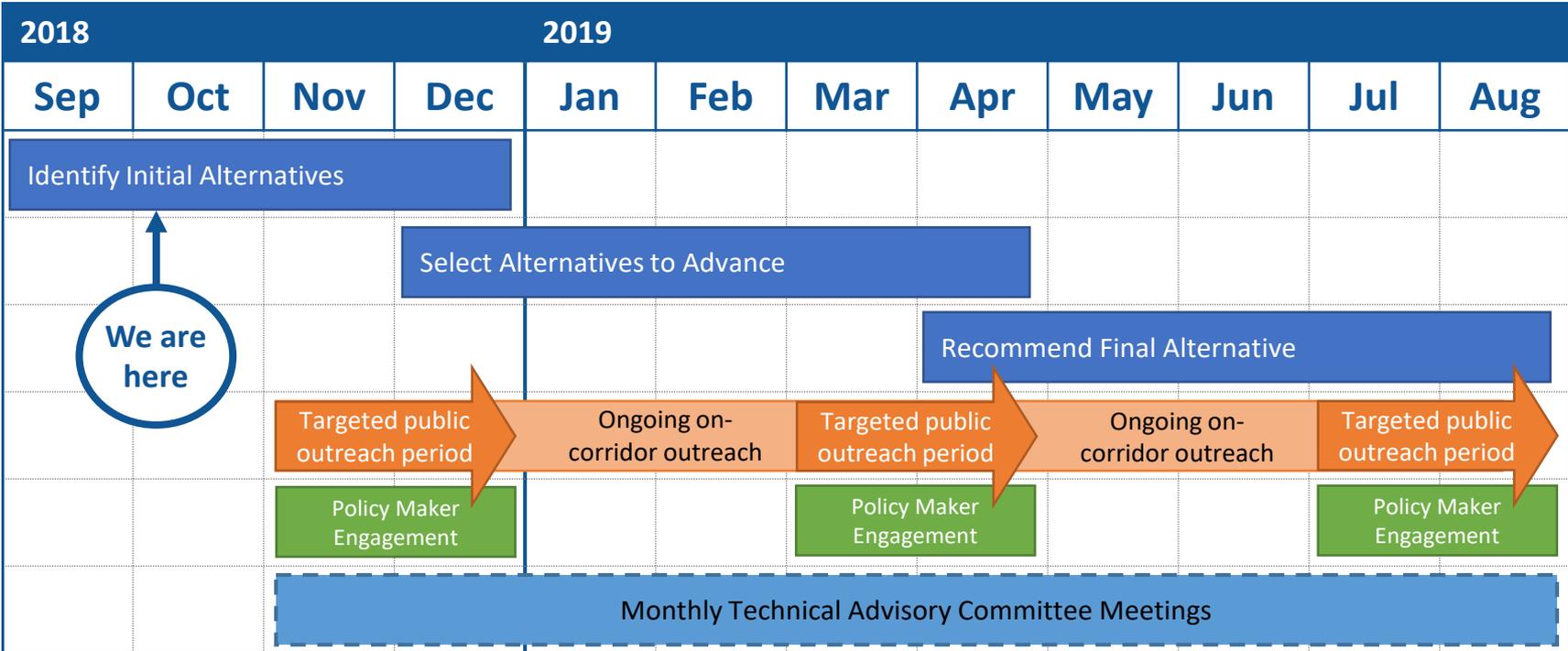


- Substantial replacement of Route 6
- Upcoming E Line Corridor Study will determine final E Line alignment and termini
- Coordination with street reconstruction projects
- Construction planned for 2023



- Final E Line north and south termini and alignment
- Concept service plan
 - E Line
 - Underlying local service
 - Connecting local service
- Concept capital plan
 - Station location feasibility review
 - Transit advantages
- Update project cost estimate
- Targeted August 2019 study completion

E Line Corridor Study Process



Hennepin Avenue Downtown (2020-2021)



- Redesign and reconstruction from Washington to 12th
- Construction in 2020-2021
- Serves Routes 4, 6, 12, 61 and 141
- Stations designed to accommodate existing ridership and be E Line ready
- BRT Projects working closely with Engineering & Facilities and Street Operations

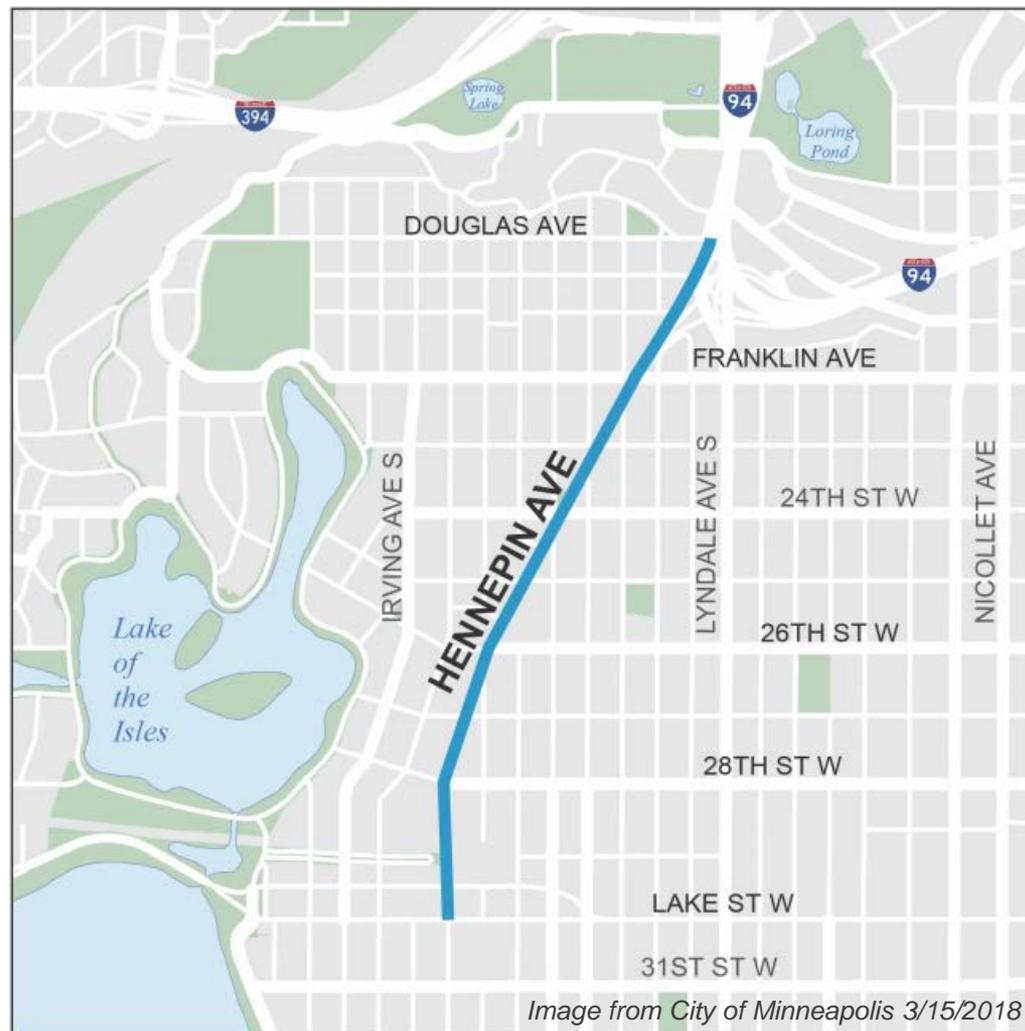


Image from City of Minneapolis 6/28/2018

Hennepin Avenue South (2023)



- Redesign and reconstruction from Douglas Ave to Lake St
- Coordinated E Line station design and construction
- 2019-2021: Detailed design and engineering
- 2023: Anticipated project construction

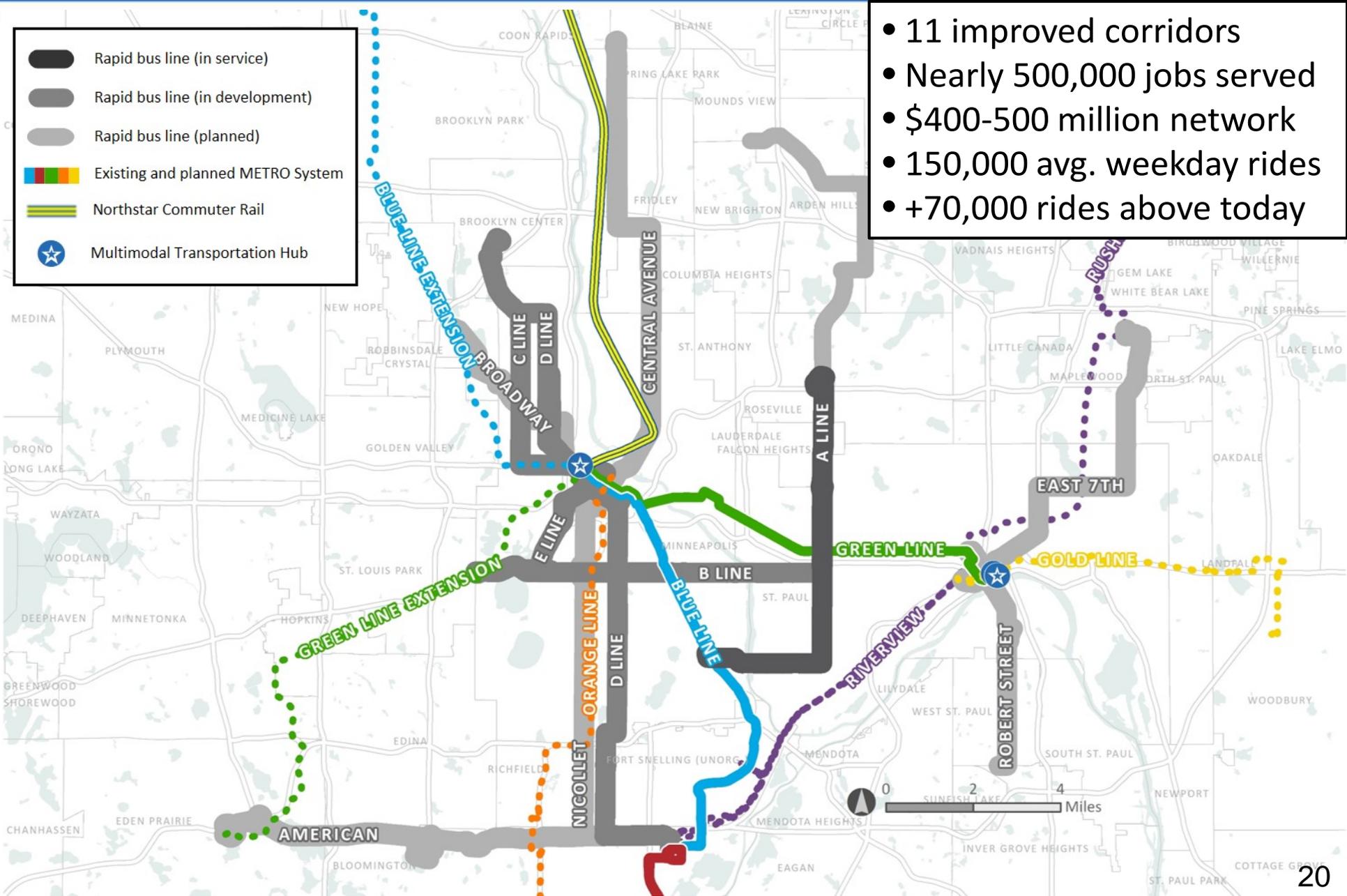


Planned rapid bus system



- Rapid bus line (in service)
- Rapid bus line (in development)
- Rapid bus line (planned)
- Existing and planned METRO System
- Northstar Commuter Rail
- Multimodal Transportation Hub

- 11 improved corridors
- Nearly 500,000 jobs served
- \$400-500 million network
- 150,000 avg. weekday rides
- +70,000 rides above today



- Review and refresh previously studied corridors
 - American, Central, East 7th, Nicollet, Robert, West Broadway, A Line extension
- Study new corridors
 - Connect to Service Improvement Plan (SIP)
 - Engage stakeholders on local priorities
- Develop & apply evaluation criteria and framework for prioritization