Twin Cities Metro Area Major Transportation Investment Outlook

Nick Thompson – Director of Transportation Services

Metropolitan Council

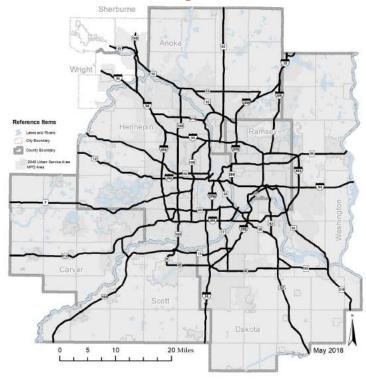
11.12.20



Metro Outlook

Regional Challenges and Investment Response

- Highway system is aging and requires major reconstruction
- Transit system is in its development phase
- Travel patterns are changing, impacting how transportation system is used
- Addressing congestion is a priority in the region
- Technology is influencing travel and projects
- A quality transportation system is essential to advancing equity, sustainability, and prosperity





Four-year Investment Outlook by Mode

Highway: \$2.4 B

Transit: \$2.6 B

Bike/Pedestrian: \$121 M

Total – \$5.1 Billion







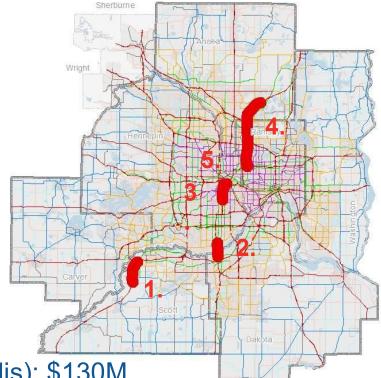


Major Highway Investments Preservation and Expansion



Projects Under Construction

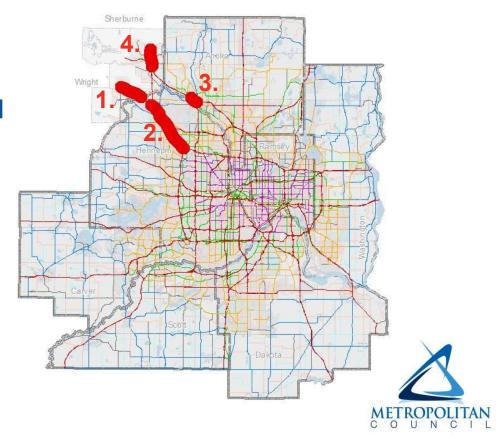
- 1. US 169 at MN 41: \$70 M
 - 2 interchanges, frontage roads, access closures
 - Open to traffic!
- 2. I-35W MN River Bridge: \$125 M
 - New bridges, raise road out of floodplain
 - Completion fall 2021
- 3. I-35W @ 94: \$240 M
 - Transit station, pavement, bridges, MnPASS, exits
 Completion fall 2021
- 4. I-35W North: \$210 M
 - Pavement, MnPASS, noise walls
 - Completion fall 2021
- 5. Highway 65/3rd Ave Bridge (Downtown Minneapolis): \$130M
 - Completion end of 2022





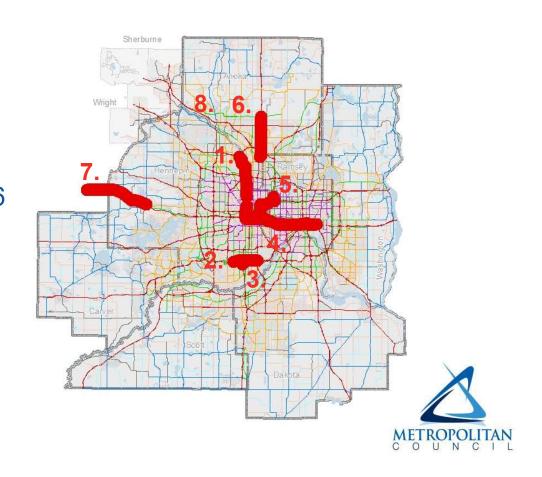
Projects Under Construction or Defined

- 1. I-94 St. Michael to Albertville: \$65 M
 - Corridors of Commerce funding
 - Added lanes, pavement, bridges
 - Construction 2019-2021
- 2. I-94 Maple Grove to Rogers: \$160 M
 - Pavement, lanes, interchange
 - Construction 2020 2021
- 3. US 10 Anoka: \$100 M+
 - Interchange, underpass, frontage road connections, Rum River bridge
 - Construction 2022 2023
- 4. Highway 169 Elk River: \$155 M
 - Reconstruct 3 miles as freeway
 - Construction 2022-2024



Projects Partially Funded and/or In Development

- 1. Highway 252/I-94 MnPASS
- 2. I-494 MnPASS Lane
- 3. I-494/I-35W Interchange
- 4. I-94, Minneapolis to St. Paul
- 5. I-35W North Gateway (Highway 36 to downtown Minneapolis)
- 6. Highway 65 (Spring Lake Park to Ham Lake)
- 7. Highway 12 (Maple Plain to west)
- 8. Highway 10 INFRA Grant (City of Ramsey)



Major Transit Investment

Expansion Phase:

- Light Rail /Streetcar
- Bus Rapid Transit
- Major Facilities









Future Rapid Transit Network

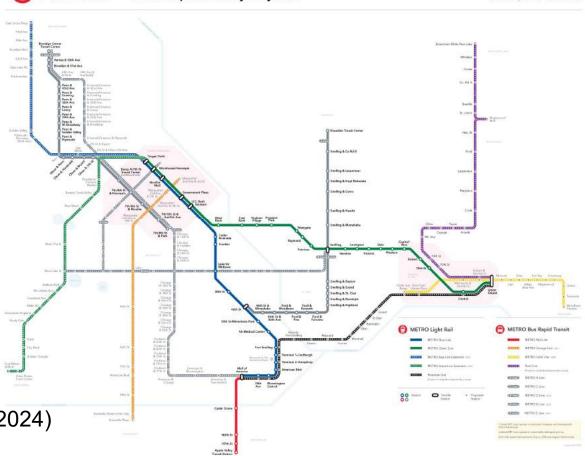
METRO System

Light Rail - Streetcar

- Blue Line (open)
- Green Line (open)
- Green Line Extension (construction)
- Blue Line Extension (engineering)
- Riverview (pre-engineering)

Bus Rapid Transit

- Red Line (open)
- A Line & C Line (open)
- Orange Line (construction)
- Gold Line (nearing engineering)
- Rush Line (project development)
- D Line (2022) B Line (2024) E Line (2024)



Fast. Frequent. All day. All yours.

METRO

CC9 edited B Line to reflect 2024

Carlson, Charles, 11/4/2020

Major Project Process (New Starts)

Project development

 Complete Environmental review process including developing and reviewing alternatives, selecting locally preferred alternative, and adopting it into the fiscally constrained long-range transportation plan

Engineering

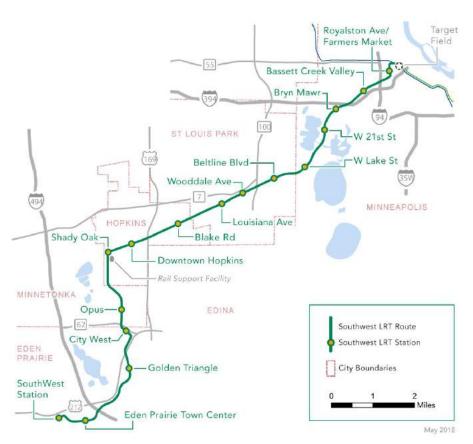
- Gain commitments of all non-New Starts funding
- Complete sufficient engineering and design

Full Funding Grant Agreement

Construction

METRO Green Line Extension (Southwest LRT)

- Largest Construction project in State History
- 14.5 miles
- 16 stations
- 29,000 weekday trips (2035)
- 2.003B budget (fully funded)
- Construction Now-2022
- Begin Service 2023



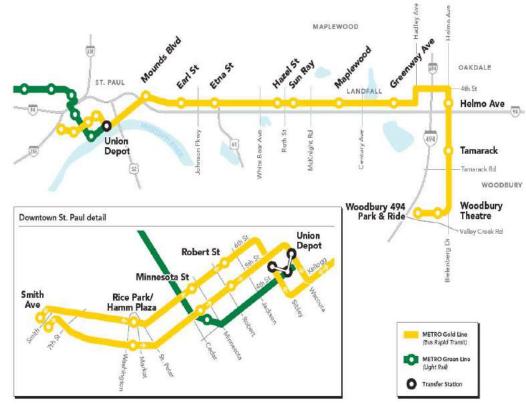
METRO Orange Line (BRT)

- Highway BRT
- 17 miles
- 12 stations
- \$150.7M budget
- Construction 2017-2021
- Begin Service late 2021



METRO Gold Line BRT

- Minnesota's first dedicated guideway BRT
- 10 miles
- 21 new stations
- ~\$520M est. Capital Cost
- Engineering 2020-2022
- Construction 2022-2024
- Begin service 2024



CC2 updated cost estimate to current projected cost (includes JD at 494)

Carlson, Charles, 11/4/2020

METRO Blue Line Extension (Bottineau LRT)

- 11 new stations
- 13.5 miles of double track
- 27,000 est. rides by 2035
- Begin service TBD
- \$1.536 billion budget





Rush Line BRT

- Ramsey County current lead agency
- Dedicated guideway BRT
- 14 miles
- Utilize Ramsey Co. Rail Corridor, Highway corridors, City Streets
- 21 new stations
- ~\$500M Capital Cost
- Environmental Phase Now-2021
- Development/Engineering 2021-2024
- Construction est. start 2024
- Begin service 2026



CC3 Updated cost trending less expensive but won't be official until Q2 2021

Carlson, Charles, 11/4/2020

Riverview Modern Streetcar

- Ramsey County lead agency
- Integrates with Blue and Green Line LRT
- Streetcar runs mix of dedicate guideway and in-line with traffic
- 22 stations (10 exist today)
- 11.7 miles
- River Crossing
- 20,400 Daily riders (2040)
- \$2.07 B Budget (\$2025)
- Open 2032



Anticipated Opening of Service – Transitways

| | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2032 |
|-----------------------------------------|------|------|------|------|------|------|------|------|
| Orange Line BRT | | * | | | | | | |
| Green Line Extension LRT | | | | * | | | | |
| Gold Line BRT | | | | | * | | | |
| B Line Arterial BRT D Line E Line | | | * | | * | | | |
| Blue Line Extension LRT | | | | | | | | |
| Rush Line BRT | | | | | | | * | |
| Riverview Streetcar | | | | | | | | * |

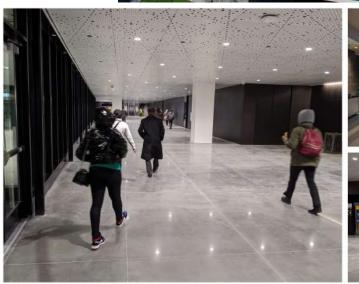
Schedule largely depends on Federal Funding Commitments

CC1 added stars for projected D and B openings Carlson, Charles, 11/4/2020

Other Transit Investment

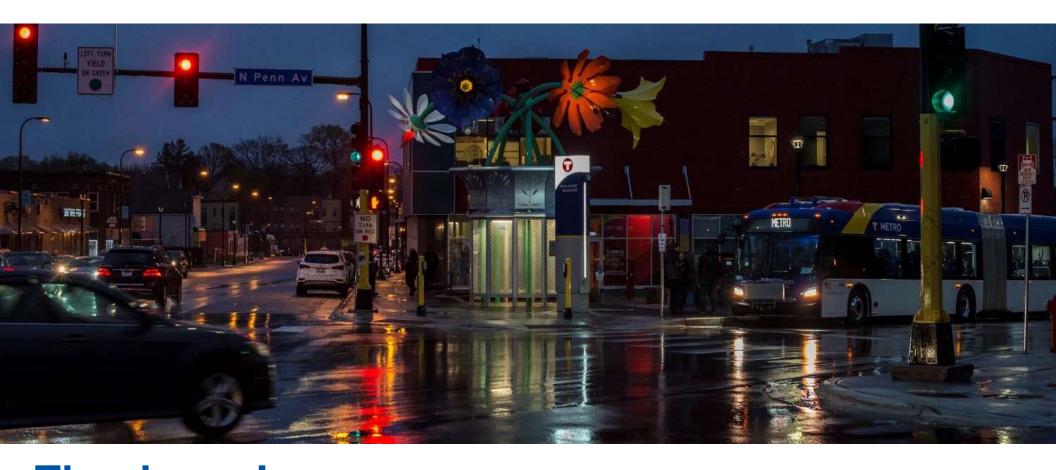
- Major Bus Garage to Support Expansion
- Modernization of Transit Centers
- Electrification of Fleet
- Preservation of Existing Systems











Thank you! nick.thompson@metc.state.mn.us

