D Line Rapid Bus Overview

Norway House
August 9th, 2018

Cody Olson
Community Outreach Coordinator, Metro Transit
612-349-7390
cody.olson@metrotransit.org

Emily Anderson
Community Outreach Intern, Metro Transit
emily.anderson@metrotransit.org
D Line Overview

• Substantial replacement of Route 5, Metro Transit’s highest-ridership route
• 2030 daily riders: 23,500
• D Line service every 10 minutes
  – Route 5 every 30 minutes
• 20-25% faster than Route 5
  – Fewer stops
  – Pre-boarding fare payment
  – All-door boarding
  – Transit signal priority
• Construction in 2020/2021, pending full project funding

Examples from A Line on Snelling Avenue in St. Paul
D Line Buses

Route 5 (Today): Front-door boarding, all fares collected on board

D Line: All-door boarding, all fares collected at station
Arterial BRT Stations

What do stations look like?

A. Pylon markers help riders identify stations from a distance.

B. Real-time NexTrip displays provide bus information, and on-demand annunciators speak this information for people with low vision.

C. Utility boxes near station areas house necessary communications and electrical equipment.

D. Shelters provide weather protection and feature on-demand heaters and integrated lighting. Shelter sizes will vary based on customer demand (small shown here).

E. Ticket machines and fare card validators collect all payment before customers board the bus.

F. Emergency telephones provide a direct connection to Metro Transit security. Stations also feature security cameras.

G. Stations feature trash and recycling containers.

H. Platform edges are marked with a cast-iron textured warning strip to keep passengers safely away from the curb while the bus approaches. Many stations also feature raised curbs for easier boarding.

I. Platform areas are distinguished by a dark gray concrete pattern.

J. Some stations have sidewalk-level light fixtures to provide a safe, well-lit environment. Fixtures will match existing lights in the surrounding area.

K. Benches at stations provide a place to sit.

L. Stations have bike parking loops.

Metro Transit D Line
Route 5: Existing Ridership

- Highest ridership bus route
- 15,000 weekday rides
- Highest productivity (passengers/hour) local bus route
- Ridership concentrated between Lake Street and Lowry Avenue
- Buses make up 3-4% of vehicles, carry 25-35% of people
Existing Conditions: Speed & Delay

• Current Brooklyn Center to Mall of America
  – In-service speed: 11-15 mph
  – Trip times range from 70 to 100 minutes

• D Line Goal
  – Increase average speed
  – Reduce sources of delay
  – 20-25% faster trip

- 42% In-Motion
- 37% Slow Boarding
- 21% Red Lights

5E, 3:05 PM SB
7th St & Olson to MOA
Next Steps

Final Plan Approved: July 25th, 2018
Design work to begin in late 2018

Figure 7: Project development process
Contact

metrotransit.org/d-line-project

Cody Olson
Community Outreach Coordinator, Metro Transit
612-349-7390
cody.olson@metrotransit.org