



7th Street Bus Lane

BOMA/DID Informational Webinar

Michael Mechtenberg, Program Manager, Metro Transit

Becca Hughes, Senior Transportation Planner, City of Minneapolis

Allan Klugman, Principal Professional Engineer, City of Minneapolis



Why Bus Lanes?

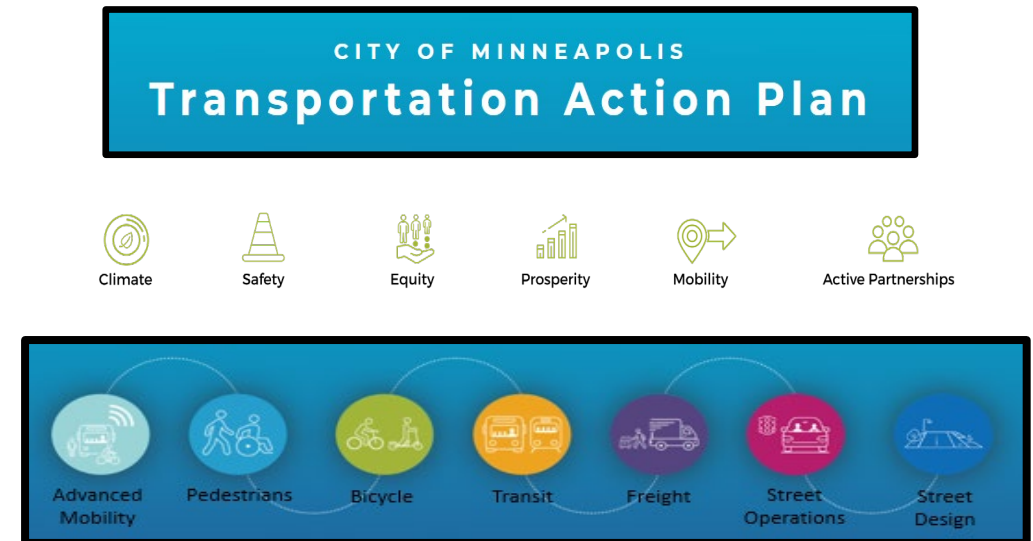
- Improve the speed and reliability of service for riders
- Better reliability decreases wait time and congestion at bus stops
- Cost-effective investment in multimodal transportation, reducing emissions
- Increase capacity of street to move people into and out of downtown

Existing bus lanes on Hennepin Avenue north of Lake Street



Why 7th Street?

- Key downtown transit corridors with combination of bus rapid transit, local, and express bus service
- Local routes serve communities in both north and south Minneapolis
- Identified as high-priority transit corridor in the City's Transportation Action Plan (TAP)
- Prior to 2020
 - 8 mph average speed through the day; 6 mph between 4-6 p.m.
 - Buses carry 40% of morning rush-hour traffic; 25% at other times (2019)



Why Now?

- With workers returning downtown, now is the time to make transit a more attractive option to avoid gridlock
- METRO C Line
 - Began service in summer 2019
 - Nearly 40% ridership growth in corridor
- METRO D Line
 - Fully funded for 2021-2022 construction
 - Planned service start late 2022
 - \$75 million investment in vehicles, construction, systems and project delivery

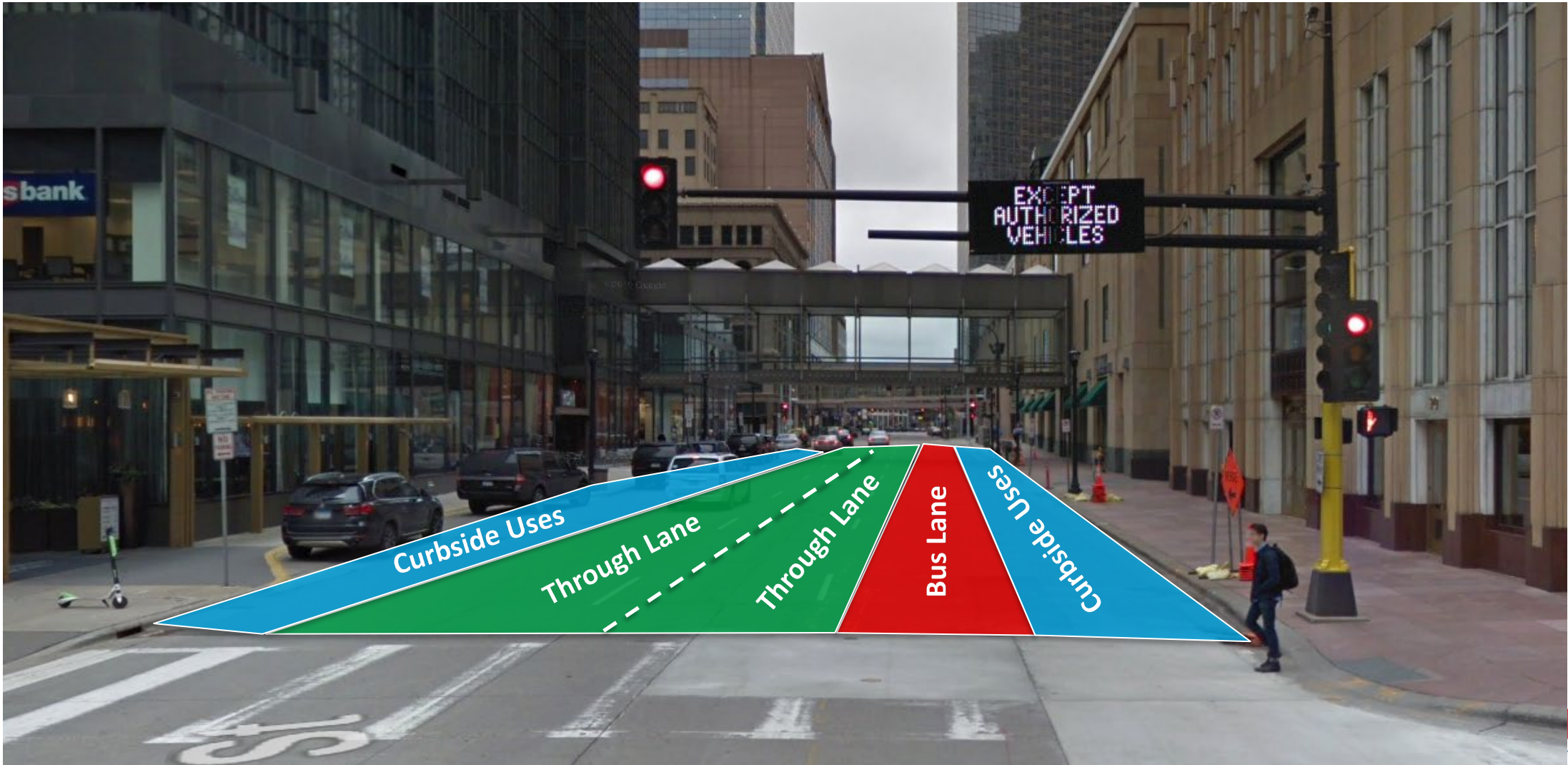


Bus Lane Assumptions

- Parameters: Chicago Ave – 1st Ave N
- Pre-remediation required, patching and sealcoat
- Red paint, effective 24/7
- Offset lane, few curbside impacts



Proposed Street Configuration



Traffic Study Analysis Summary

- Bus lane can be successfully integrated into the grid
- Increase in peak hour travel time is within acceptable range for downtown context
- No increase in bus volumes planned with change

AM Peak

7 th St Segment	Existing			Proposed		
	Time	Speed	LOS	Time	Speed	LOS
13 th Ave to Chicago	2:54	18.0	B	4:03	13.0	C
Chicago to 1 st Ave N	4:58	12.2	D	6:21	9.9	D/E
13 th Ave to 1 st Ave N	7:52	13.5	C	10:24	10.6	D

PM Peak

7 th St Segment	Existing			Proposed		
	Time	Speed	LOS	Time	Speed	LOS
13 th Ave to Chicago	3:31	15.0	C	3:48	14.0	C
Chicago to 1 st Ave N	4:01	14.9	C	5:38	12.5	C/D
13 th Ave to 1 st Ave N	7:32	14.9	C	9:27	12.8	C

Timeline and Next Steps

- June - July: outreach and finalize plan sets
 - Stakeholder, property owner, and rider engagement
 - Evaluate traffic and curbside impacts
- August - September: implementation
 - Prep, patching, utility cuts and sealcoat work
 - Bus lane paint work, signage and striping (2-3 weeks)
- Funding identified, costs split between Minneapolis and Metro Transit

