



PENN AVENUE IMPROVEMENTS PROJECT OVERVIEW

Katie Roth, Manager of Arterial Bus Rapid Transit
Metro Transit



Hennepin County • Metro Transit • City of Minneapolis



PENN AVENUE

— IMPROVEMENTS PROJECT —

- Partnership between Metro Transit, Hennepin County, and City of Minneapolis
 - C Line rapid bus
 - Penn Avenue road reconstruction
- 2018-2019 Construction led by Metro Transit

What is the C Line?

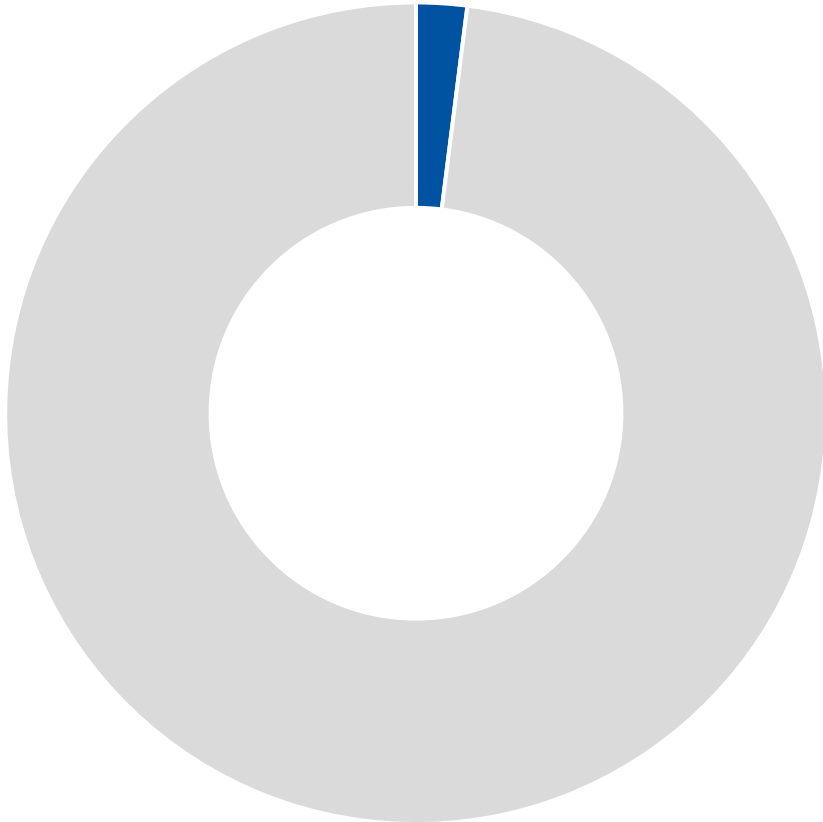


- Region's second rapid bus line
- Upgrade to Route 19
 - 23 enhanced stations
 - Limited stops
 - Larger buses
 - 20-25% faster service
 - Pay before boarding, enter through any door
- Some Route 19 service remains

Why rapid bus on Penn?



Buses are 2% of traffic



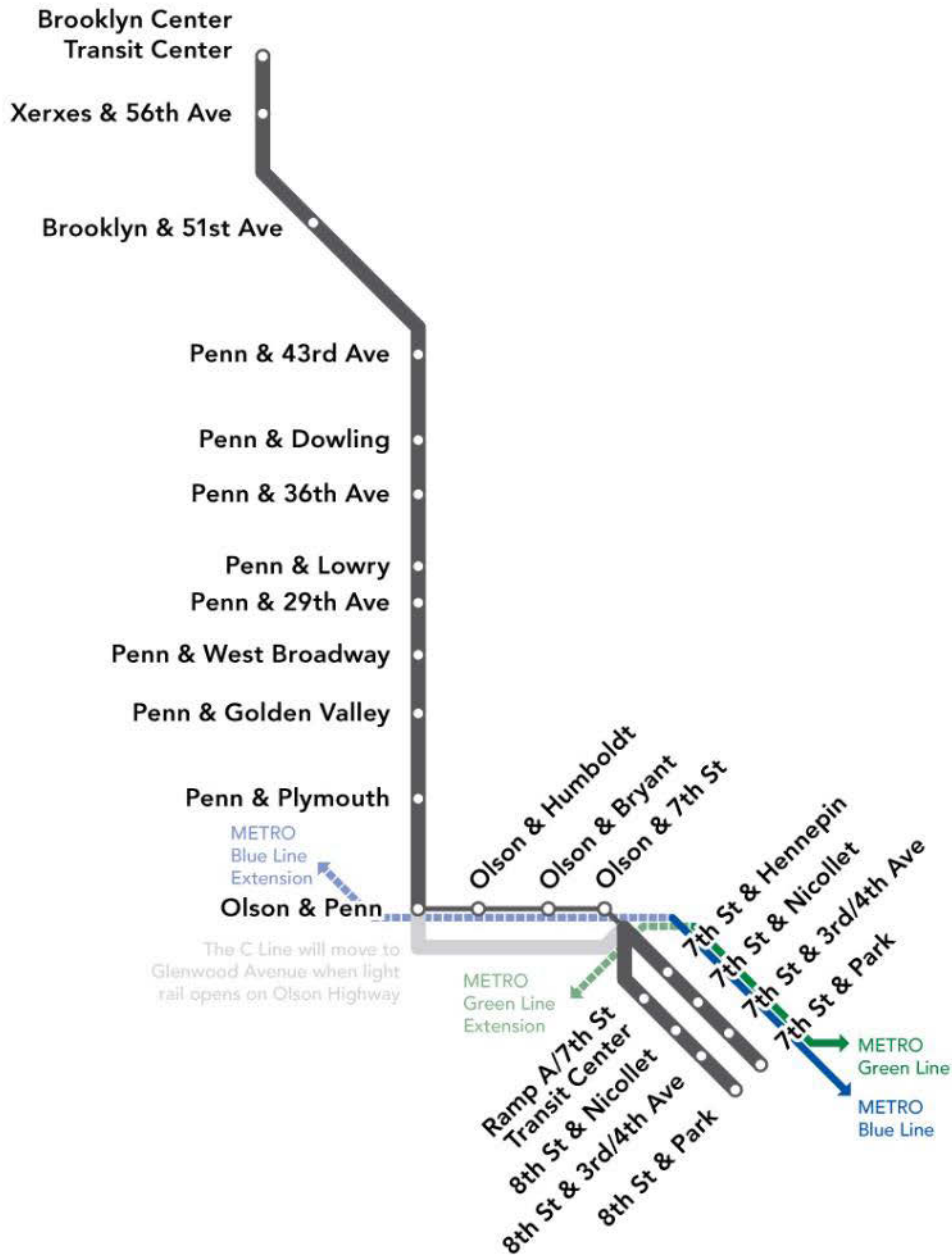
Buses carry 25% of people



Where will the C Line stop?



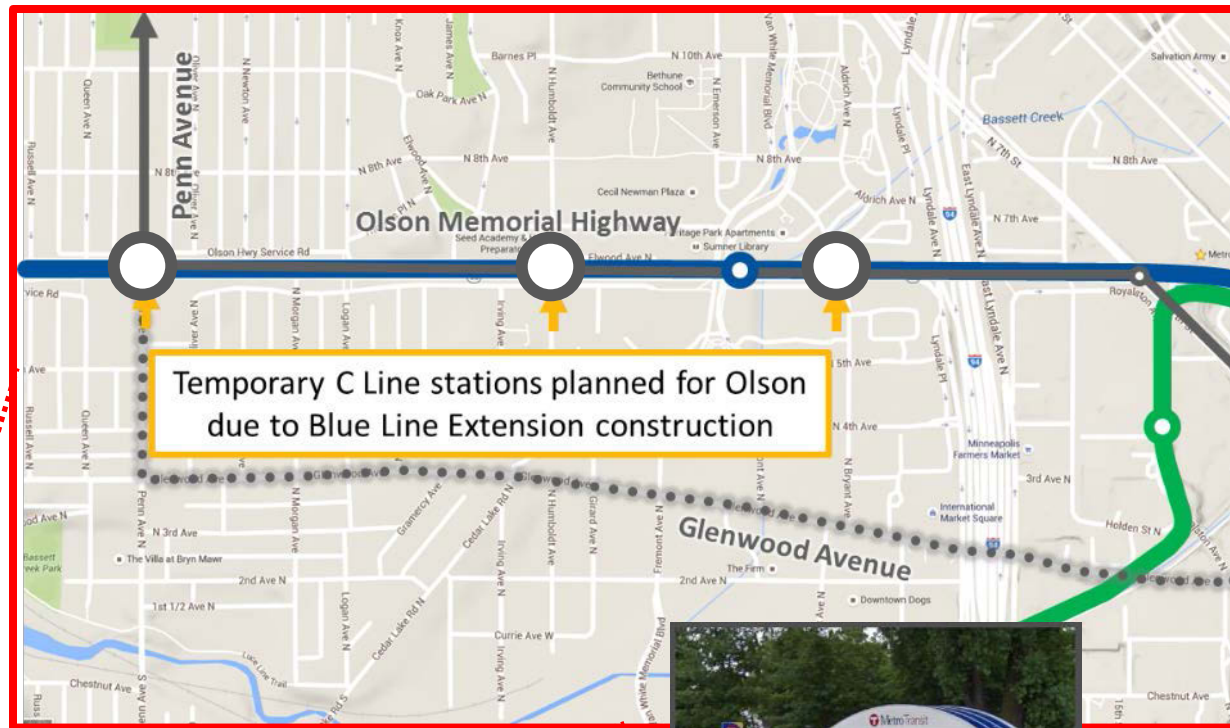
23 station locations approved in 2016 after planning & community input



Temporary Stations on Olson Highway



- Brooklyn Center Transit Center
- Xerxes & 56th Ave
- Brooklyn & 51st Ave
- Penn & 43rd Ave
- Penn & Dowling
- Penn & 36th Ave
- Penn & Lowry
- Penn & 29th Ave
- Penn & West Broadway
- Penn & Golden Valley
- Penn & Plymouth
- Olson & Penn



Temporary C Line stations planned for Olson due to Blue Line Extension construction

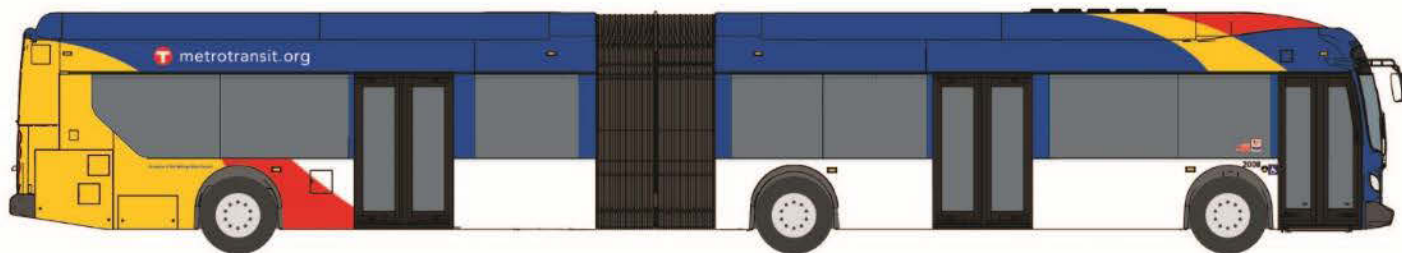


Temporary station (bus stop upgrade)



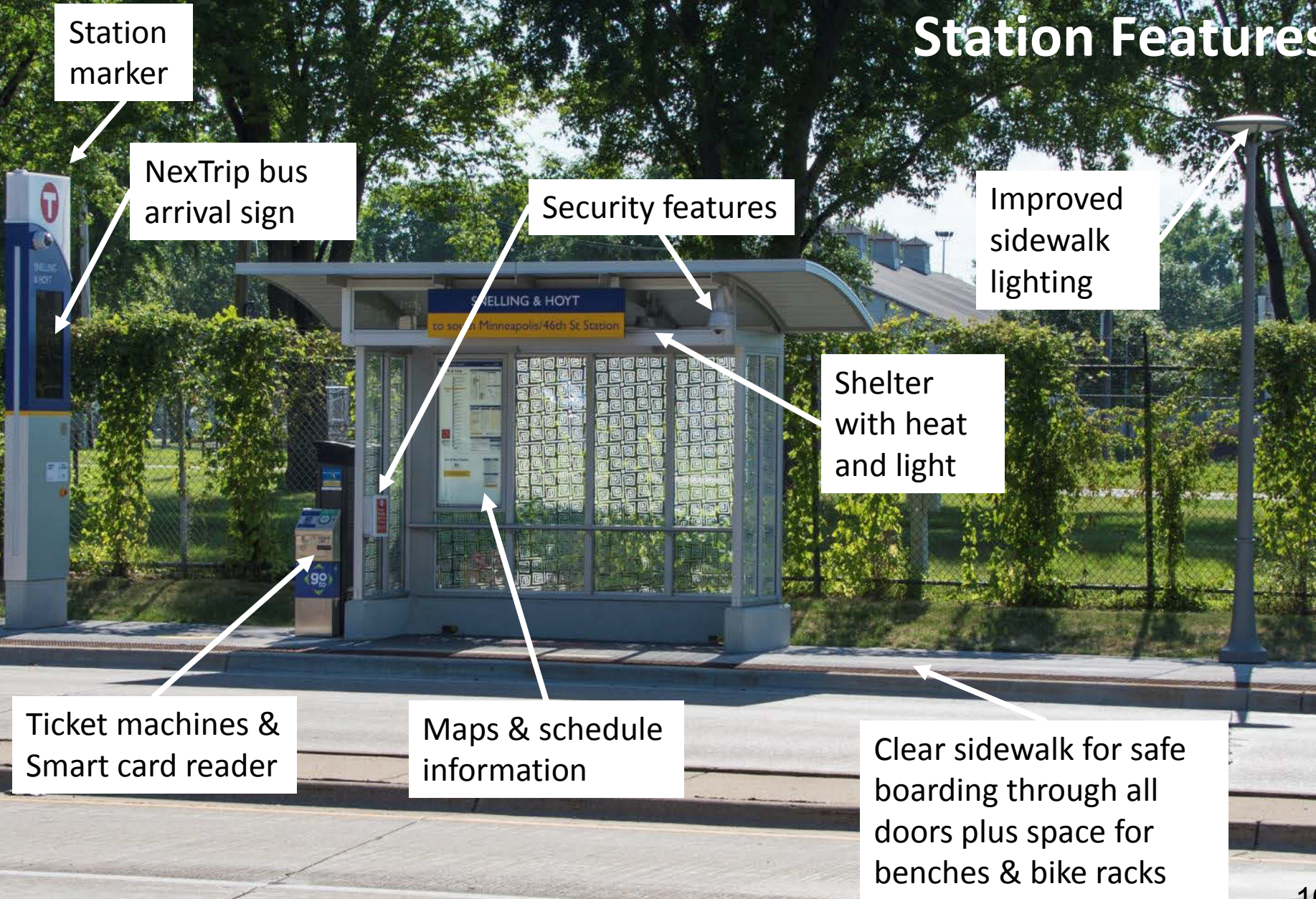
The C Line will move to Glenwood Avenue when light rail opens on Olson Highway

What will C Line buses be like?



More than half will be fully battery electric—*no tailpipe emissions*

Station Features



Station marker

NexTrip bus arrival sign

Security features

Improved sidewalk lighting

Shelter with heat and light

Ticket machines & Smart card reader

Maps & schedule information

Clear sidewalk for safe boarding through all doors plus space for benches & bike racks

Penn & Plymouth Station



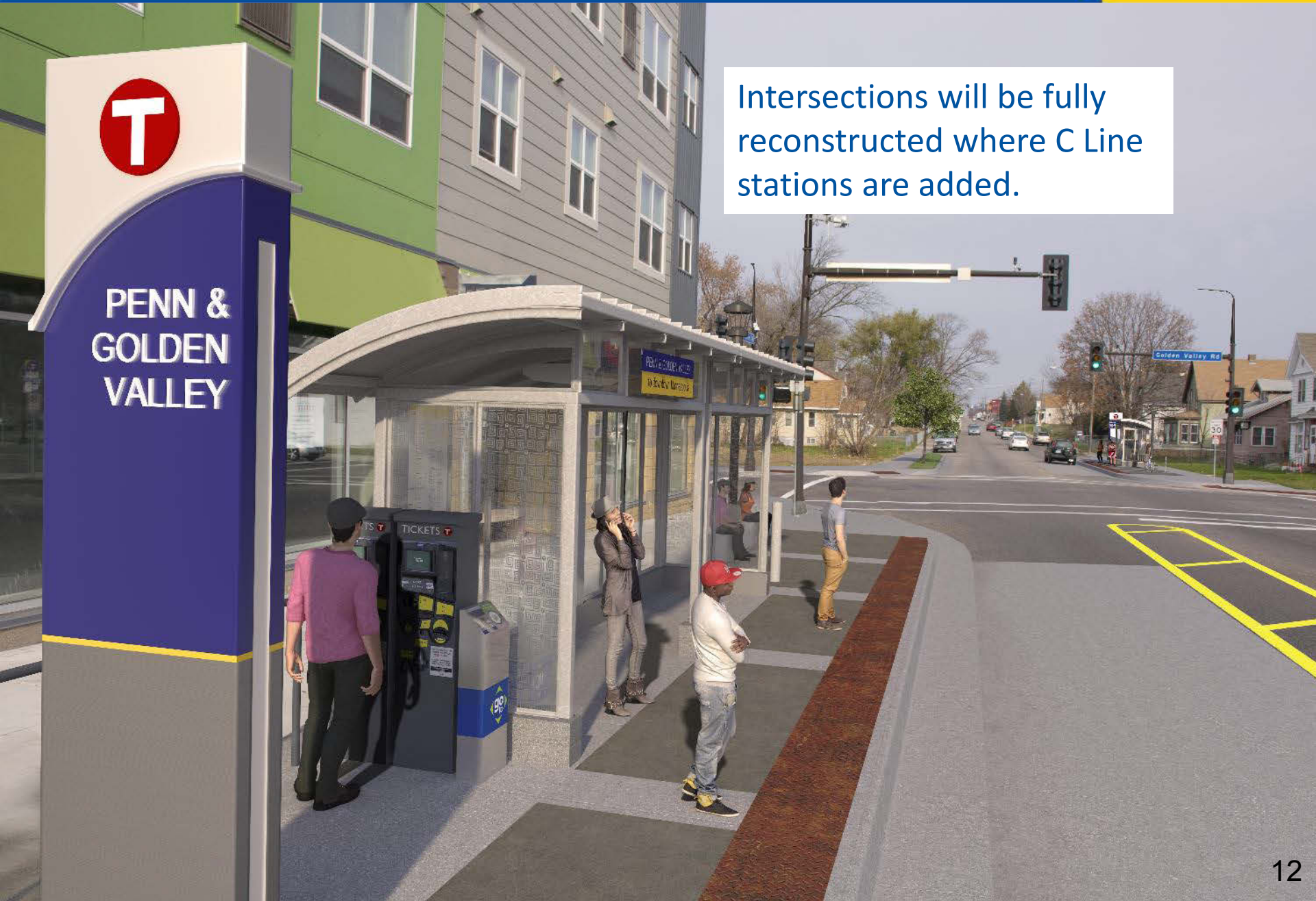
Intersections will be fully reconstructed where C Line stations are added.



Penn & Golden Valley Station



Intersections will be fully reconstructed where C Line stations are added.



Broadway to Lowry: Full Reconstruction



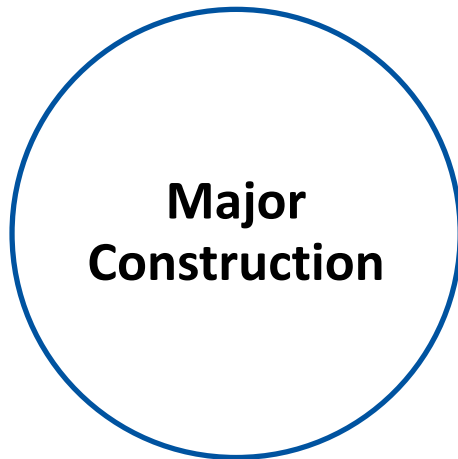
Parking on both sides with a new boulevard, street trees, and pedestrian lighting



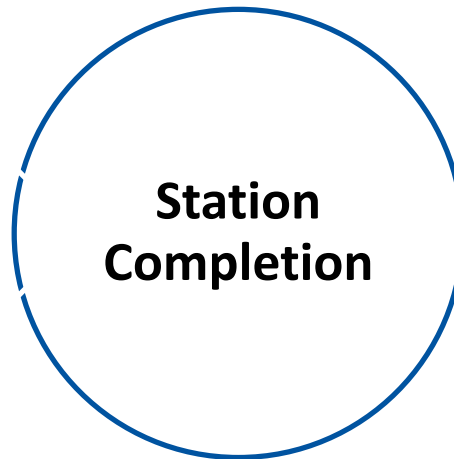
When will the C Line open?



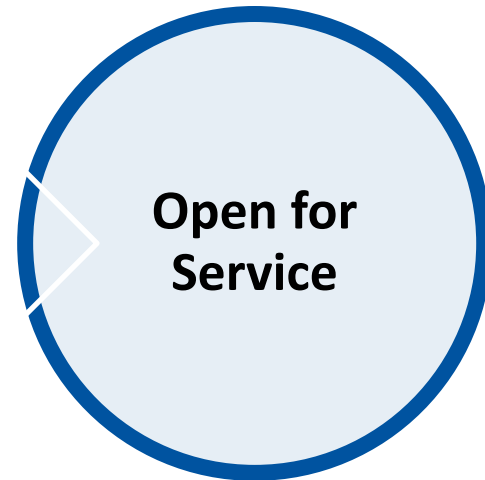
**April 2018–
December 2018**



**Winter
2018 / 2019**



**Spring
2019**



Future: C Line moves to Glenwood Avenue when light rail opens on Olson



WHAT TO EXPECT DURING CONSTRUCTION

Shawn Walding, Senior Engineer

Karyssa Jackson, Community Outreach Coordinator

Metro Transit



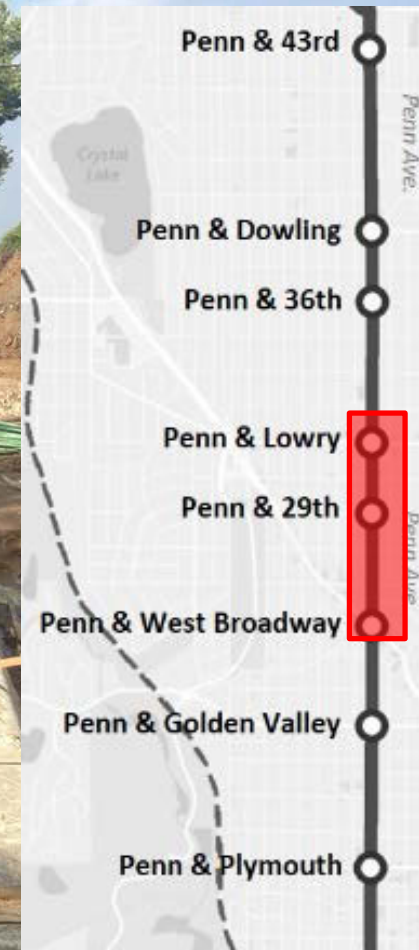
Preliminary 2018 Penn Ave Construction



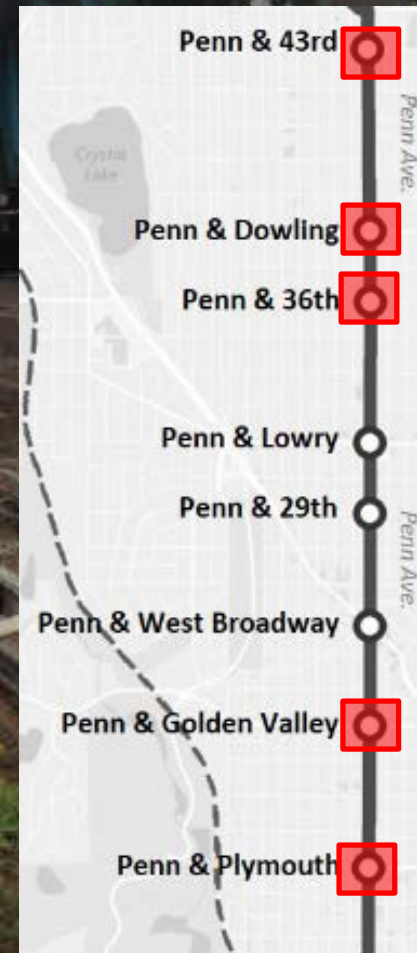
Cross traffic maintained throughout construction at:

- Dowling Ave
- Lowry Ave
- Broadway Ave
- Golden Valley Road
- Plymouth Ave

Road reconstruction (Broadway to Lowry)



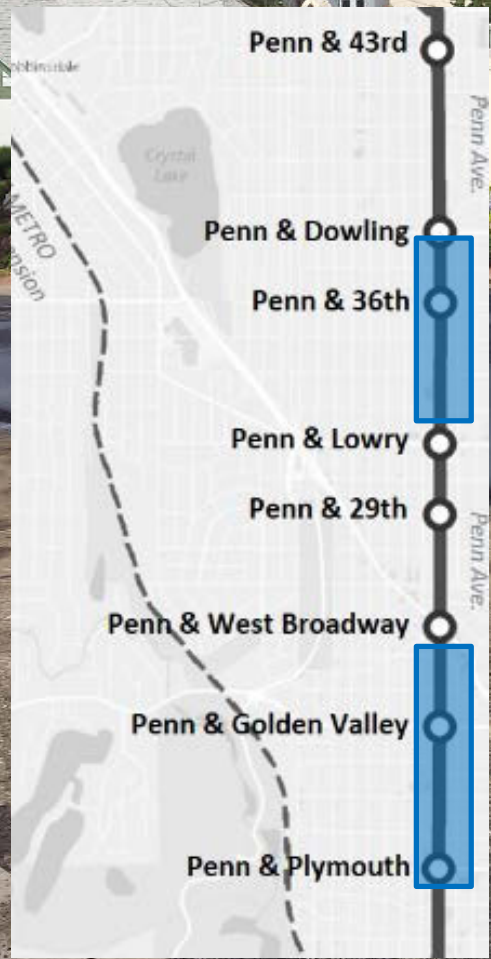
Intersection reconstruction (5 add'l locations on Penn)



Station shelter and pylon installation



Mill and Overlay



New & Modified Traffic Signal Construction & Street & Sidewalk Lighting

- Signal & pedestrian push button replacement at some locations
- New road and pedestrian-level lighting (at full road and intersection construction locations)



- Traffic & bus service detours
- Temporary Water Service
- Restricted Parking
- Access to residents and businesses maintained, but may be modified
- Temporary driveway closures (all closures require advance notification)

- Penn Avenue to remain open for local traffic access outside of construction limits
- Accessible pedestrian walkway to be maintained on at least one side of Penn Ave & cross streets during construction
- Vehicular and pedestrian access maintained to all businesses (including all service & business needs)
- Any access modifications due to construction requires advance notification to Metro Transit
- All public services will be maintained to residents

- Between Penn & 12th Ave – 21st Ave
 - Local traffic and bus detours run northbound on Queen Ave, southbound on Russell Ave
- Between Penn & 21st Ave – 26th Ave
 - Local traffic detours run northbound on Thomas Ave, southbound on Sheridan Ave
- Between Penn & 26th Ave – 39th Ave
 - Local traffic and bus detours run on Queen Ave
- Between Penn & 42nd Ave – 44th Ave
 - Local traffic and bus detours run on Oliver Ave

- Between Penn & Golden Valley Rd – 26th Avenue
 - Buses will be detoured to West Broadway Ave and Logan Ave
- Truck and through traffic directed to Lyndale Ave N
- Temporary bus stops will be set up along detour routes
- Visit metrotransit.org/penn to view active detour maps

- **Karyssa Jackson, Community Outreach Coordinator**



- **Molly Kennedy, Business Outreach Coordinator**



Construction Hotline:

612-567-4101

Email:

penn@metrotransit.org

Website:

metrotransit.org/penn

Transit Information and Language

Line:

612-373-3333

Sign-Up

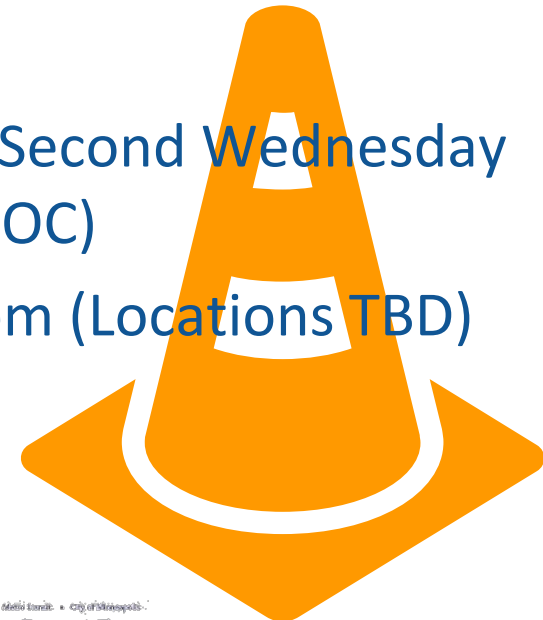
- Weekly C Line Construction Bulletin – metrotransit.org/penn
- Route 19 Rider Alerts - metrotransit.org/rider-alerts/19

Check Regularly

- Construction Webpage and Detour Maps

Attend

- Monthly Community Construction Meeting – Second Wednesday First Meeting, April 11, 2018, 6 – 7:30 pm (UROC)
- Corridor Drop-In Hours: First Mondays 5 – 7 pm (Locations TBD) & Third Thursday, 8 – 10 pm (Locations TBD)



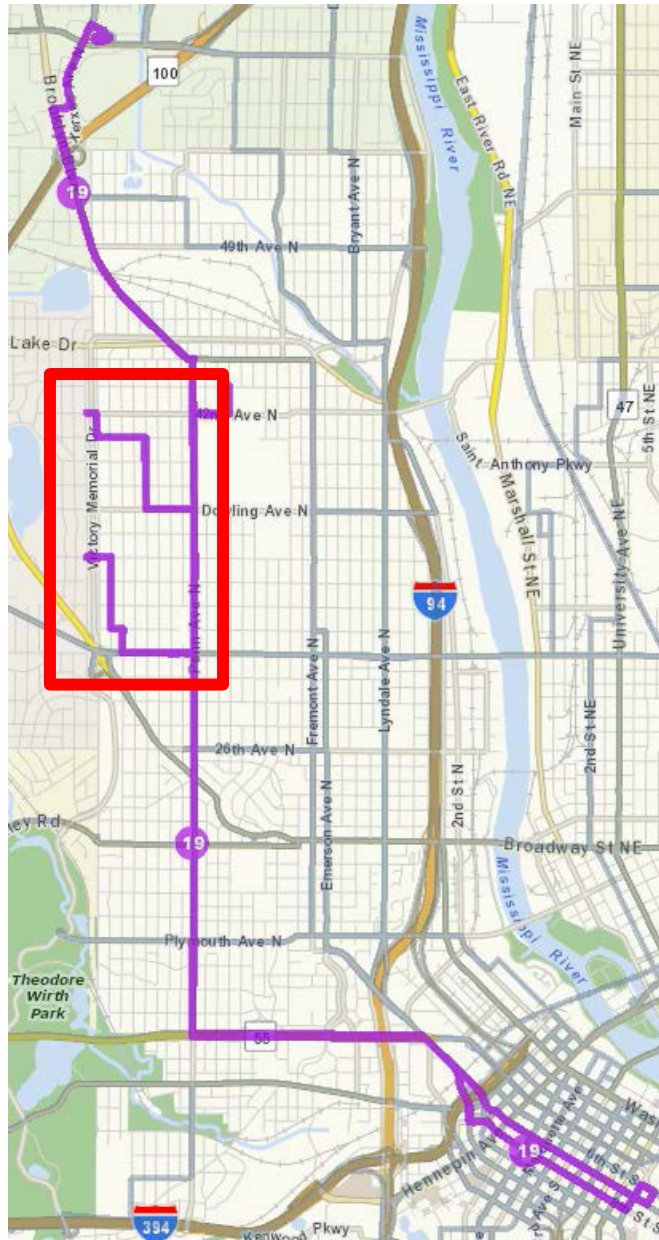
Route 19 Branch Alternatives

Penn Avenue Improvements Project Open House

Michael Mechtenberg

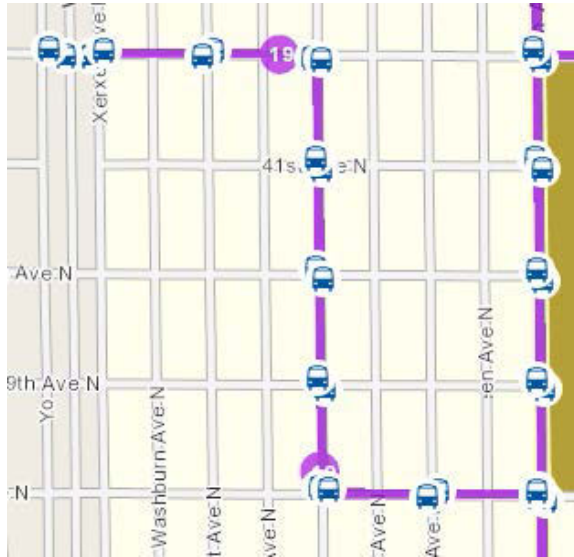
Senior Planner

March 22, 2018



Service Planning Overview

- General service assumptions
 - 10-minute rapid bus (C Line)
 - 30-minute local (Route 19)
 - 40%-95% increase in trips
 - Same service mix as A Line
- How to serve branches west of Penn?



- H Branch – Dowling/Thomas
 - 30-minute peak, 60-minute off-peak weekday
 - 60-minute weekend
 - 60-65 weekday boardings, 75% within ¼ of Penn Ave

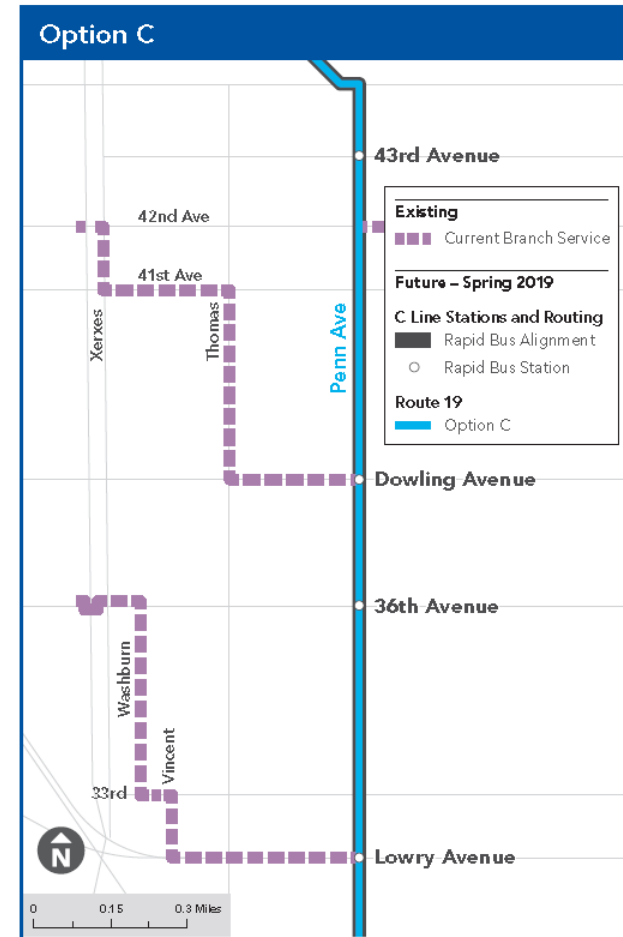
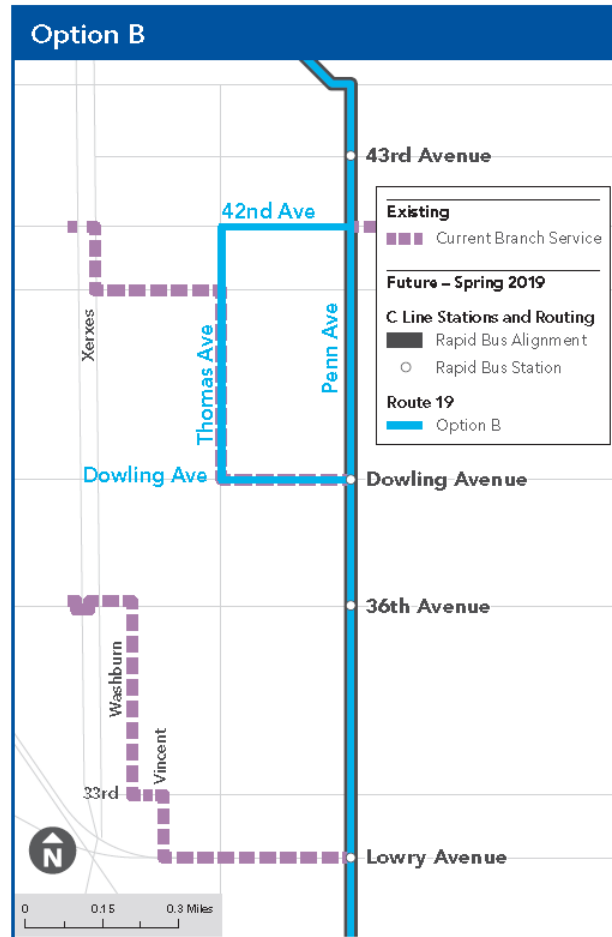
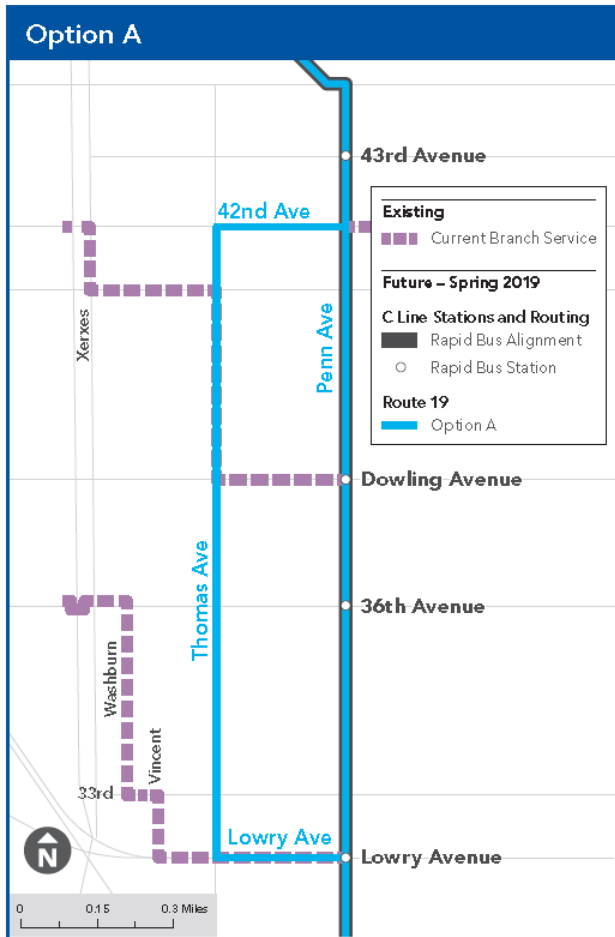


- Y Branch – Lowry/Washburn
 - 30-minute weekday peak only
 - 15-20 weekday boardings, 20% within ¼ of Penn Ave

Service Planning Inputs and Assumptions

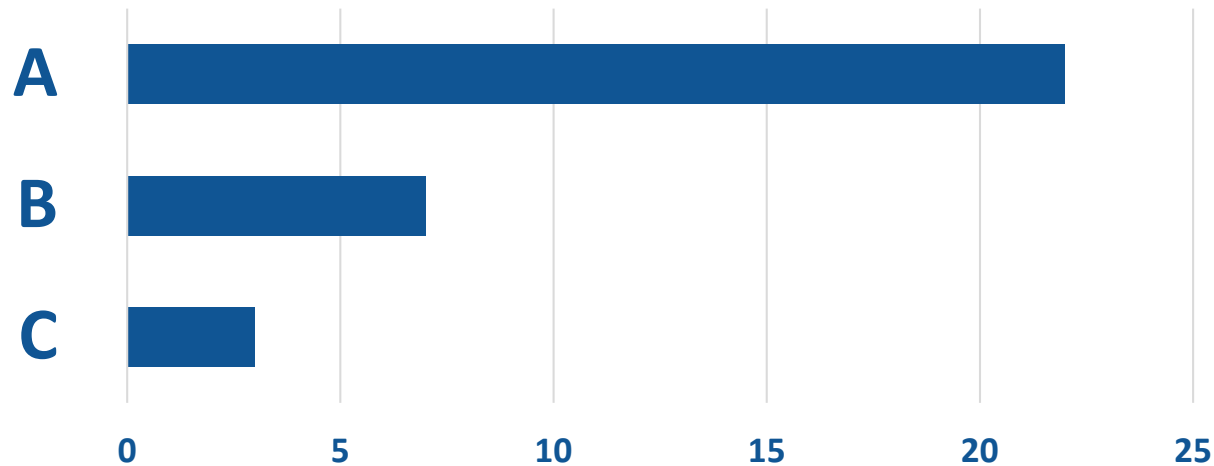
- Ridership – by trip, stop
- Survey responses
- Walk distance
- Desire to have all trips serve Brooklyn Center

Route 19 Branch Options



What We've Heard (So Far*)

Number of responses supporting option:



Other feedback

**From email and phone contacts as of March 20*

Provide Your Feedback

- Complete a comment card and return at the registration table
- Speak with a Metro Transit customer service representative at 612-373-3333
- Email us at service.development@metrotransit.org
- Please respond by April 5