



## Better Bus Stops update

Berry Farrington and Sonja Burseth | Engineering & Facilities

Transportation Accessibility Advisory Committee, March 6, 2024

BETTER **BUS** STOPS

**T** Metro Transit

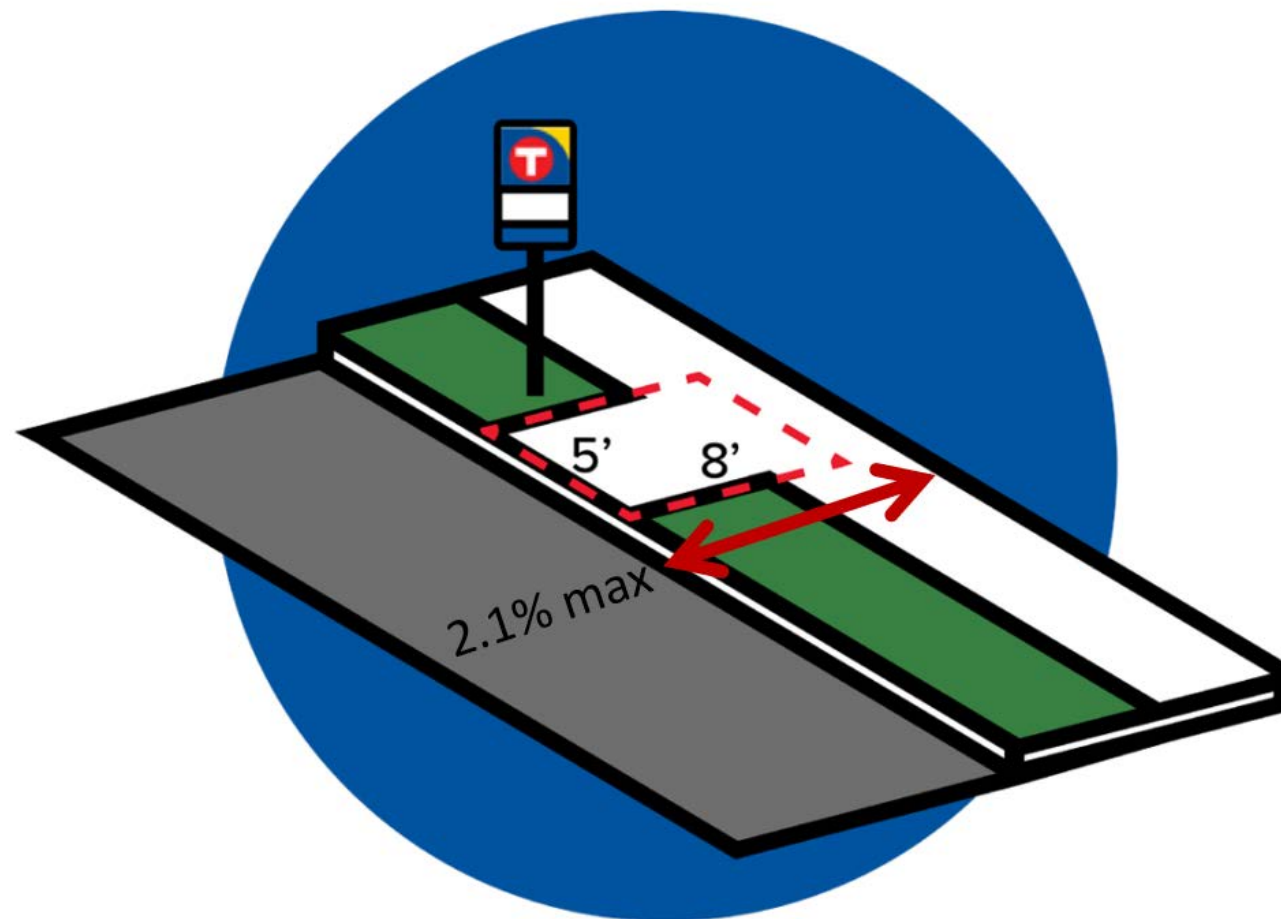
## Better Bus Stops Program goals

- Investments in bus shelters, light, and heat continue to be equitably distributed.
- Achieve and maintain accessibility at bus stops with shelters.
- Increase availability of accessible bus stops through Metro Transit, roadway, and development construction projects.
- In support of safety and security, increase availability of lighting at shelters.



## Accessible bus stop

- Firm, stable surface
- Minimum 5 feet by 8 feet
- Cross slope no greater than 2.1%
- Connected to the pedestrian path
- Clear of obstructions



# Today's Topics

1. 2023 accomplishments
2. Bus stop accessibility 5-year capital plan
3. Reviewing Shelter Placement Guidelines
4. Design Guide update

# 2023 Bus Stop Capital Improvements

Improvement	2023
✓ Added shelter	19
✓ Replaced aged shelter	25
✓ Accessible boarding area	82
✓ Added light, heat	4

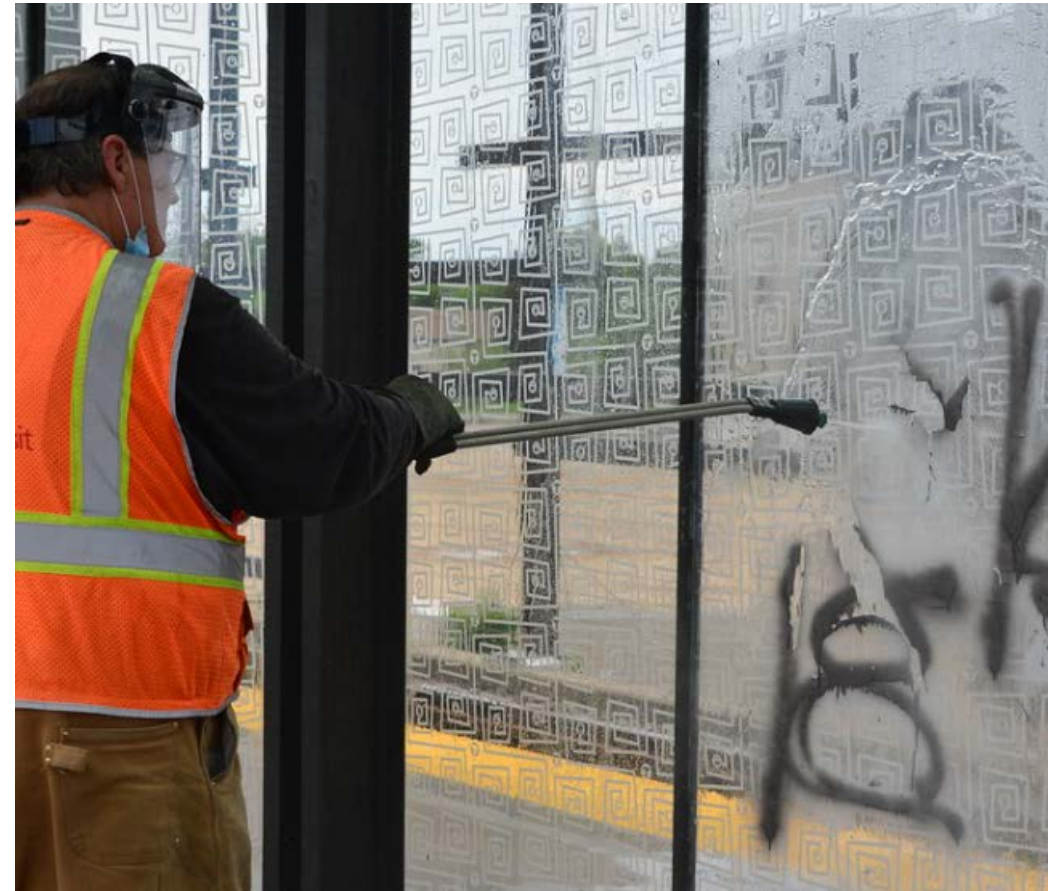
Also, 29 shelters with light and heat built for B Line are now open for bus riders on Selby Ave, Marshall Ave, and East Lake St in advance of B Line service.



Construction of an accessible boarding area

## Bus Shelter Maintenance

- Visiting shelters for routine cleaning once a week, more often for high-use shelters
- Clearing snow at bus stops with shelters
- [www.metrotransit.org/issues-comments-form](http://www.metrotransit.org/issues-comments-form)



## 2023 pilot projects

- Artwork on shelters to reduce vandalism
- Shelter solar lights
- Polycarbonate alternative to glass



Testing alternatives to glass in a bus shelter

# Bus stop accessibility 5-year capital plan

- Prioritizing bus stops based on riders
  - Transit ridership
  - Mobility fare or bus ramp use
- Confirmed transit service and transit stops
- Construction considerations





# Shelter placement guidelines

- Shelter placement guidelines are used to prioritize bus stops for shelters.
- In 2024, review and adapt guidelines considering recent changes:
  - METRO arterial BRT expansion
  - Post-pandemic transit system and travel patterns
  - Increased funding and commitments with 2023 legislation

# Design guide update

- A tool to work with partners to design and site high-quality bus stops
- Updated Regular-Route Bus Stop Design Guide
  - Bus stop design in different roadway contexts
  - Bus stop design where no sidewalk is provided
  - Bus stops and bike facilities



## Design guidance on bus stops without sidewalks

- Operate transit service and bus stops on roadways where no sidewalk is provided
- Curb-level bus stop pad with curb ramp to connect to existing sidewalk across street
  - Example at Londin Lane and Burlington Rd. in Saint Paul



# Design guide future topics

- Topics to be researched and developed
  - New PROWAG
  - Bus stop design at roundabouts and on 3-lane roadways
  - Temporary bus stops during construction
  - Accessible boarding area on narrow sidewalk



## Discussion questions

- What other information should be used to prioritize bus stops for 5-year accessibility improvements?
- What additional topics are important for the Bus Stop Design Guide?
- What information would you like regularly brought to TAAC?

# Thank You

**Berry Farrington**

*[berry.farrington@metrotransit.org](mailto:berry.farrington@metrotransit.org)*

612-349-7378

**Sonja Burseth**

*[sonja.burseth@metrotransit.org](mailto:sonja.burseth@metrotransit.org)*

612-349-7333