

Light Rail Improvements for Customers with Visual Disabilities

Transportation Accessibility Advisory Committee
December 7, 2016

Kim Zlimen
Metro Transit, Engineering and Facilities

Today's Topics

- METRO Green Line Raymond Avenue test project
 - Between-car barriers
 - Door locator tiles
- Update on study of light rail stations for improvements for customers with visual disabilities



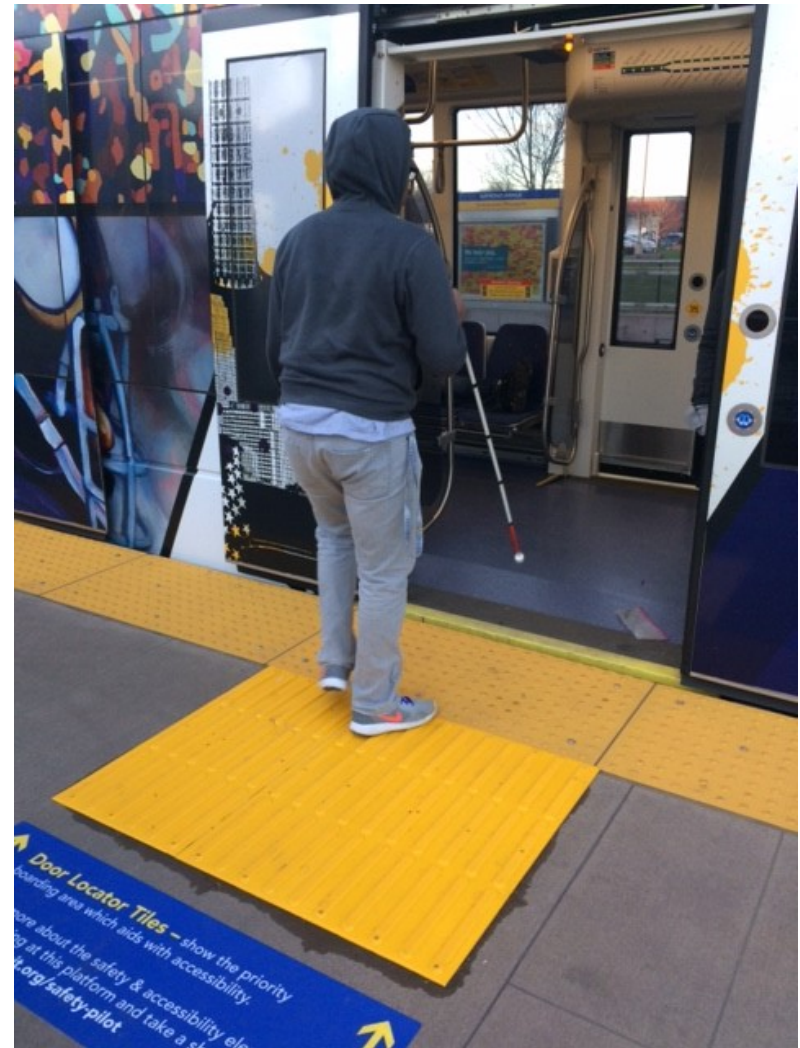
Between-Car Barriers

- Installed at the edge of the platform
- Combination of 26 and 36 inch tall flexible bollards
- Prevent people from mistaking the gap between cars for a door
- Federal Transit Administration requirement



Door Locator Tiles

- 4 foot wide by 3 foot deep tile
- Directional tactile pattern
- Aligns with the first door of the first light rail vehicle



Raymond Ave Test Project Communications

- Ticket vending machine and platform clings
- Orientation & mobility specialists
- State Services for the Blind
- American Council of the Blind
- National Federation of the Blind
- Blind, Inc.
- Social media
- Click for hyperlink to [Webpage](#)
- Click for hyperlink to [Online Survey](#)



Light Rail Safety and Accessibility Study for Customers with Visual Disabilities



Project Scope and Deliverables

- Best practices memo – completed
- Site evaluations – completed
- Recommendations memo
- Standard elements for light rail platforms

What We Learned from Customer Feedback

- LRV door locator tiles on the platform are desired
- Consistent cues to know when and where it is safe to cross streets or tracks (accessible pedestrian signals, tactile pavers) are needed
- Guide barriers are needed where platform landings meet the street
- Consider sound-emitting features on ticket vending machines and smart card validators
- Provide information on website about platform layout
- Consider features such as tactile maps or i-Beacons

Contact

Kim Zlimen

Metro Transit, Engineering & Facilities

612-349-7475

Kimberly.Zlimen@metrotransit.org