



38th Street East Bikeway Pre-Installation Report

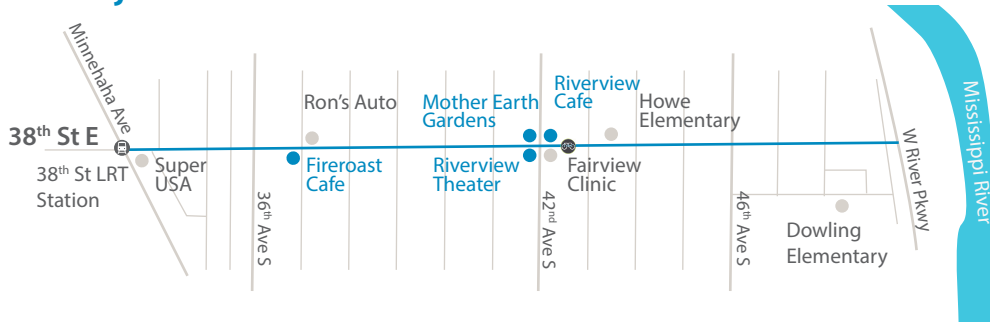
April 2018

This report summarizes the conditions along 38th Street East from Minnehaha Ave to West River Parkway prior to the installation of bicycle lanes in the fall of 2017. The goals of the 38th Street East bikeway project included:

- Enhance safety and predictability for all users
- Provide a safe and convenient multimodal route
- Calm vehicular traffic

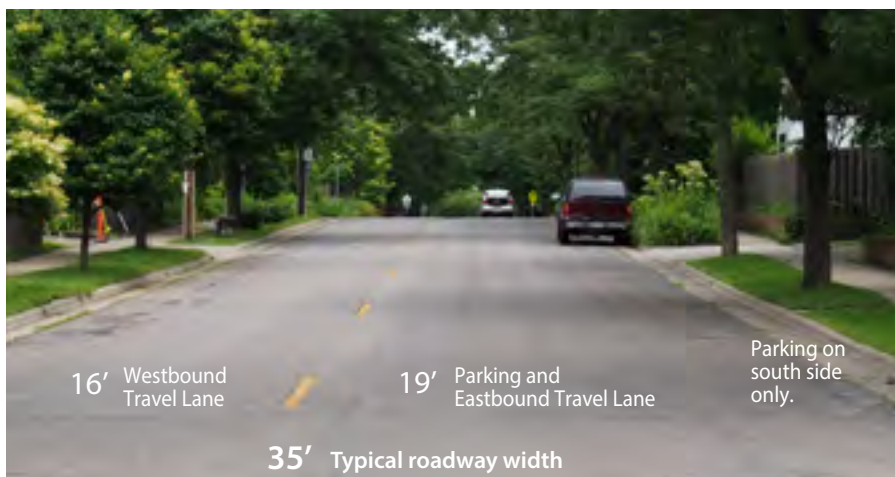
Measures of safety, mobility, access, and commercial activity are included in this pre-installation report. Collecting data before and after the installation of the bike lanes will assist Public Works track changes in safety, mobility, accessibility, and commercial activity on the corridor. Public Works is committed to evaluating and reporting on the 38th Street East corridor.

Project Extent






Typical 38th Street Cross-Section

38th Street looking east at 46th Avenue (July 2017)



Reported Crashes

Number reported crashes and percent of crashes with injuries on E 38th Street by mode (2012-2015)

 Pedestrian	 Bicycle	 Vehicle	All Crashes
2	2	29	39
100%	100%	21%	30%

Source: Minneapolis Police Department (2012-2015)

Vehicular Travel Speeds

Vehicular travel speeds along the corridor, and percentage of vehicles reported traveling above the speed limit



85th Percentile Speed

33 mph

30 mph is the posted speed limit on E 38th Street

48% of drivers traveled above the posted speed limit.

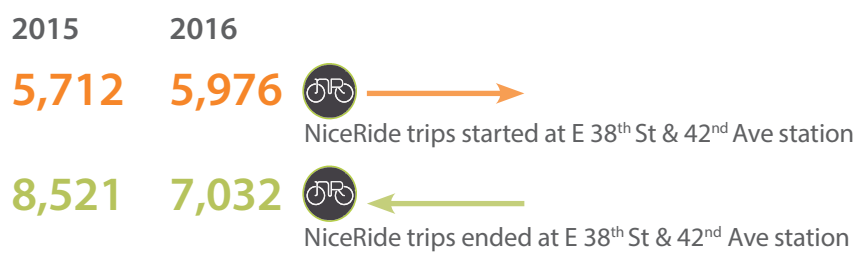
Source: Minneapolis Public Works (June 2017)





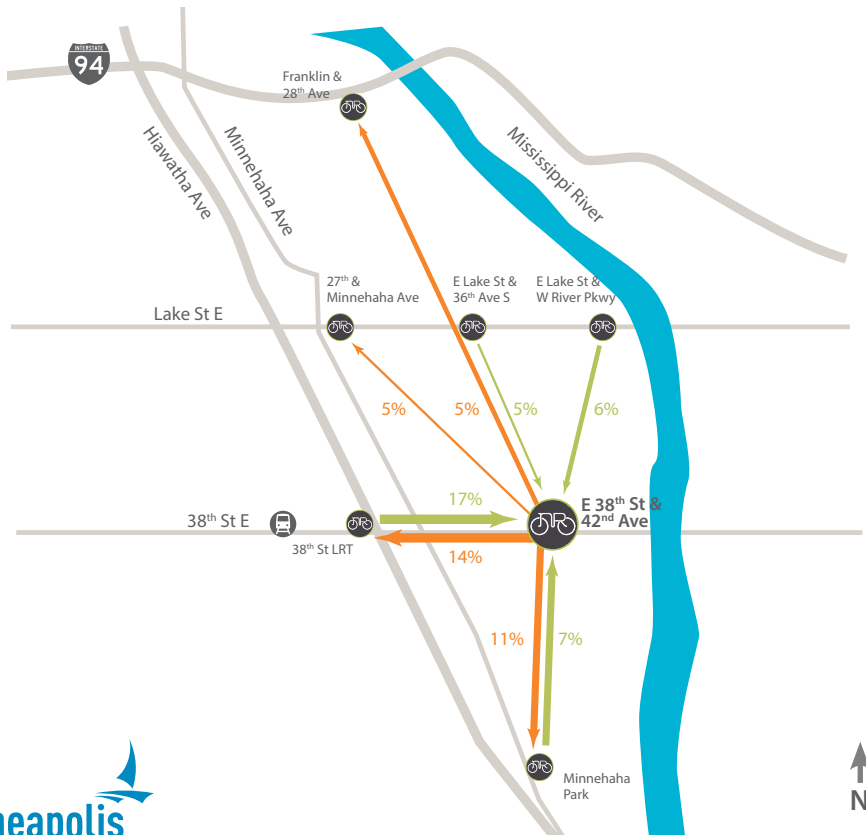
38th St E & 42nd Ave NiceRide Station Data

Number of NiceRide trips to and from the 38th St E & 42nd Ave NiceRide station



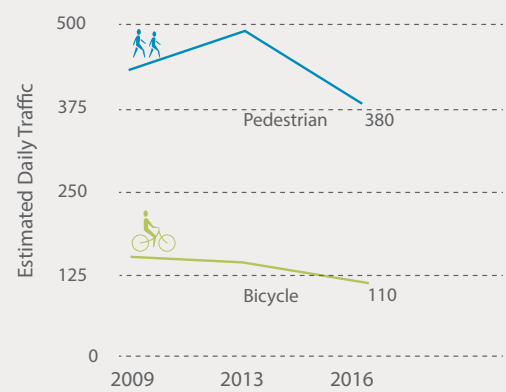
38th St E & 42nd Ave NiceRide Station Trip Trends

The map below illustrates the general trends of where NiceRide users were flowing from one location to another in the project area during the 2016 NiceRide season. Nearly 30% of NiceRide trips that originated or ended at the E 38th St & 42nd Ave NiceRide Station in 2016 were traveling to or from the 38th St LRT NiceRide Station.



Bicycle & Pedestrian Counts

Average number of bicyclists and pedestrians per day along 38th St E west of 42nd Ave (2009 - 2016)

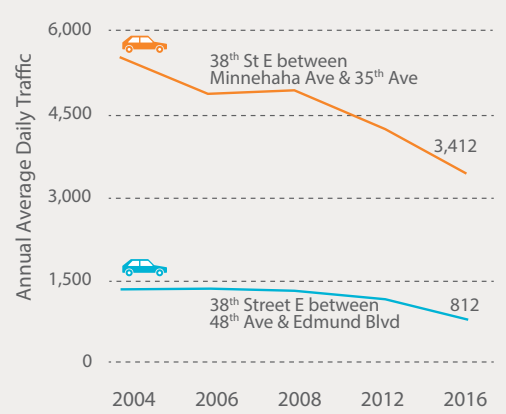


Source: City of Minneapolis bicycle and pedestrian counts

36% of people biking observed in 2016 were riding on the sidewalk.

Vehicular Traffic Trends

Average number of vehicles per day along the corridor (2004 - 2016)*

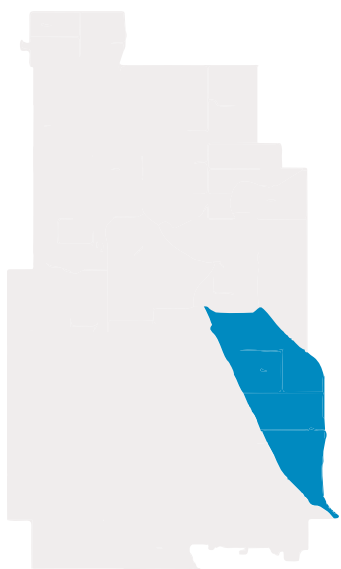


* The Minnehaha Ave and 38th St E reconstruction projects occurred in 2015-2016, resulting in lower traffic volumes within the 38th St E project area.

38th Street East Pre-Installation Customer Survey Report

April 2018

Minneapolis Public Works conducted a survey of business patrons along 38th Street East in August of 2017, prior to the installation of the bikeway. Postcards with a link to the online survey were distributed to all businesses along 38th Street East between Minnehaha Avenue and West River Parkway. The survey asked respondents questions about travel modes, access, and perceptions of safety along the corridor before the installation of the bike lanes. The 340 responses from the survey participants are summarized below.



Customer Residence

Where is your primary residence?

- 49% Longfellow neighborhood
- 42% Other Minneapolis neighborhoods
- 7% St. Paul
- 2% Greater Twin Cities area

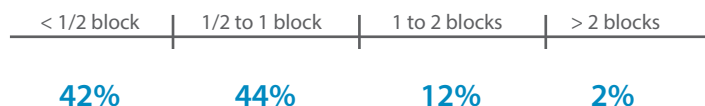
Travel Mode to Business

How did you arrive to the business that you visited?



Parking Distance

If you arrived by motor vehicle or bicycle, how far did you park from the business or school that you visited?

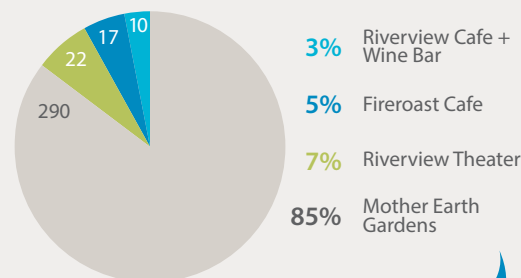


86% of customers parked within 1 block of the business they visited.

88% of customers are satisfied or very satisfied with access.

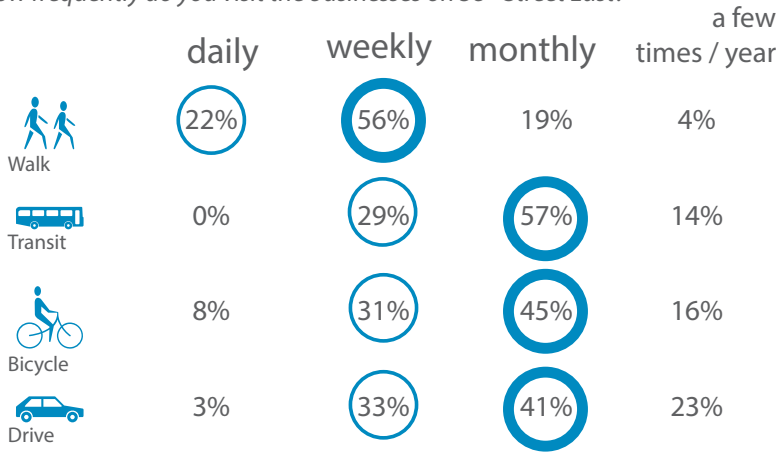
Number of Survey Responses

Out of 340 total responses.



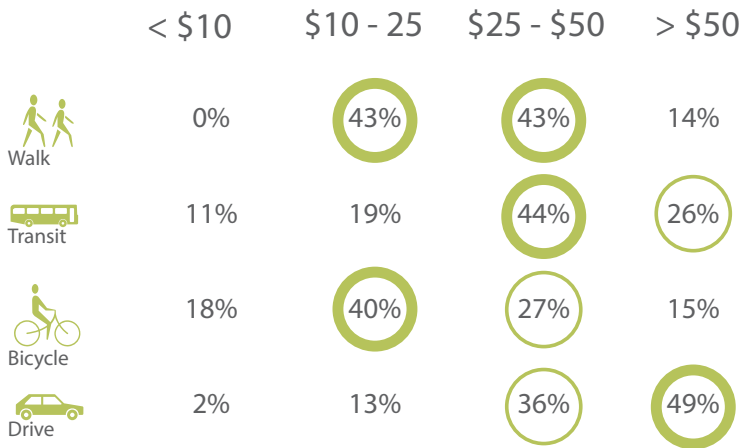
Frequency of Visit by Mode

How frequently do you visit the businesses on 38th Street East?



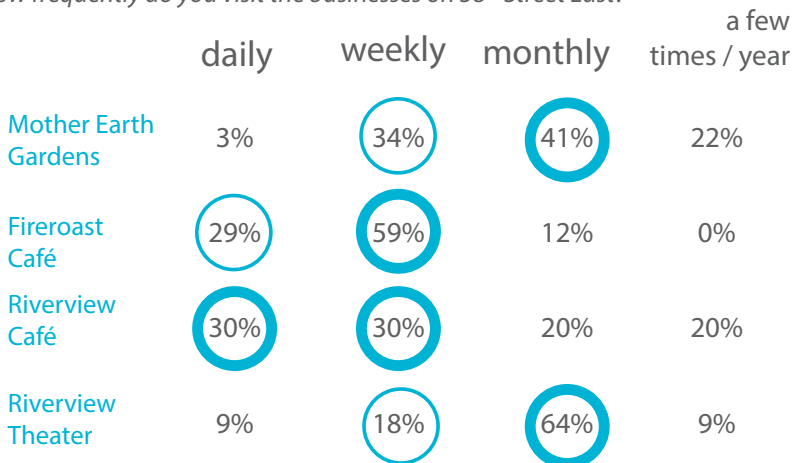
Spending by Mode

Which category best describes your typical purchase amount at this business?



Frequency of Visit by Business

How frequently do you visit the businesses on 38th Street East?



The majority of all survey respondents reported visiting the businesses on a monthly or weekly basis. Patrons that arrive by automobile reported spending more per visit but visit the businesses less frequently than the other travel modes. Patrons who walk reported making the most frequent visits to the businesses, with 22% of pedestrians reporting daily visits. Patrons who bicycle reported the second highest daily visits to the businesses, with 8% of bicyclists reporting daily visits.



Comfort & Personal Safety

Respondents were asked to report on their level of comfort in regards to traffic and public safety while traveling along 38th Street East.



Traffic Safety

23% of people who walk, 61% of people who bike, and 5% of people who drive feel **uncomfortable** or **very uncomfortable**.



Personal Safety

7% of people who walk, 22% of people who bike, and 3% of people who drive feel **unsafe** or **very unsafe**.

Bicyclists were more likely to report feeling uncomfortable or very uncomfortable compared to all other travel modes.