

# Appendix E: Facility Comfort Survey Results

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## OVERVIEW

The facility comfort survey was developed to help MnDOT learn more about pedestrian comfort with a variety of roadway treatments. The survey was sent to listservs by MnDOT and MDH, publicized through Citizens League, and was also linked to via the Minnesota Pedestrian System Plan website ([www.minnesotawalks.org](http://www.minnesotawalks.org)). Nearly 800 people took the survey, with 677 people completing it in its entirety. The survey was available to anyone who wanted to take it but creating a statistically valid survey was not a part of the scope of this project. Participants who opted in to taking the survey are not necessarily a representative sample of Minnesotans.

The survey focused on two distinct roadway treatment categories: treatments for crossing a roadway, and treatments for walking along a roadway. There were ten different treatments for crossing a roadway, and seven for walking along a roadway. Each of the treatments had an accompanying image to illustrate a visual example of what each treatment looks like. The following pages provide a summary of survey respondents and aggregated responses for each question.

# Survey Respondent Overview

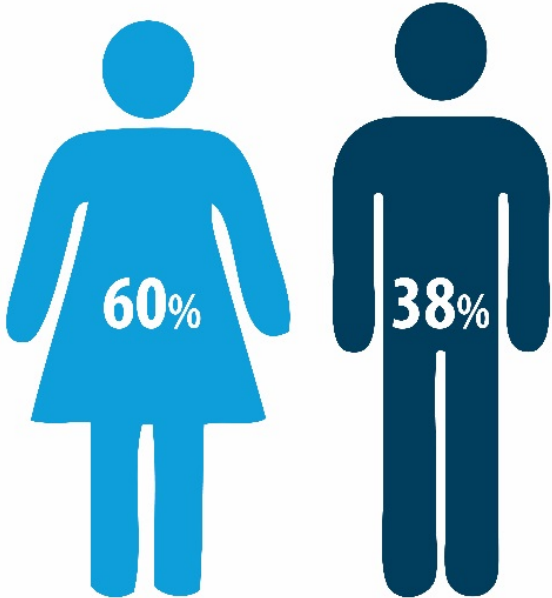


Figure 1: Gender of survey respondents.

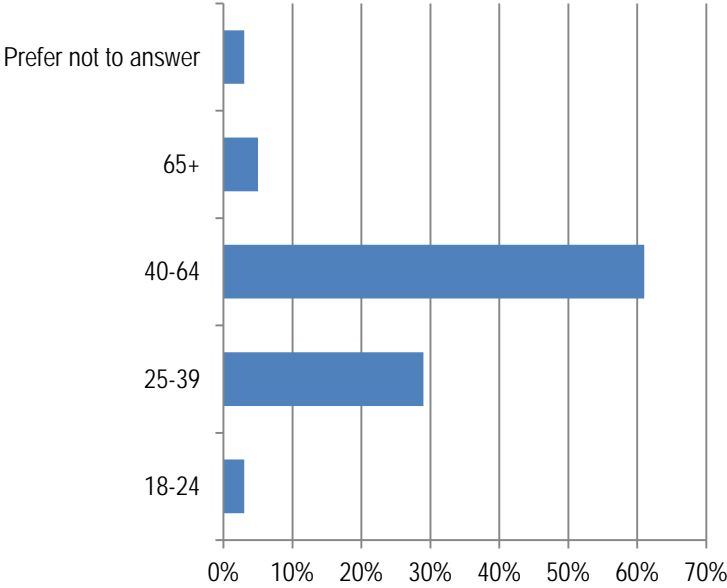


Figure 2: Age breakdown of respondents.

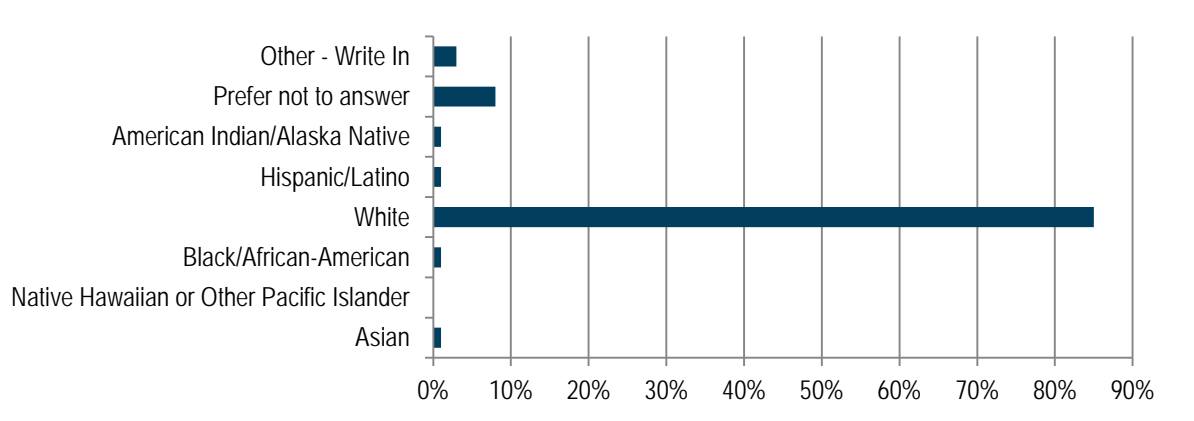


Figure 3: Race/ethnicity of survey respondents.

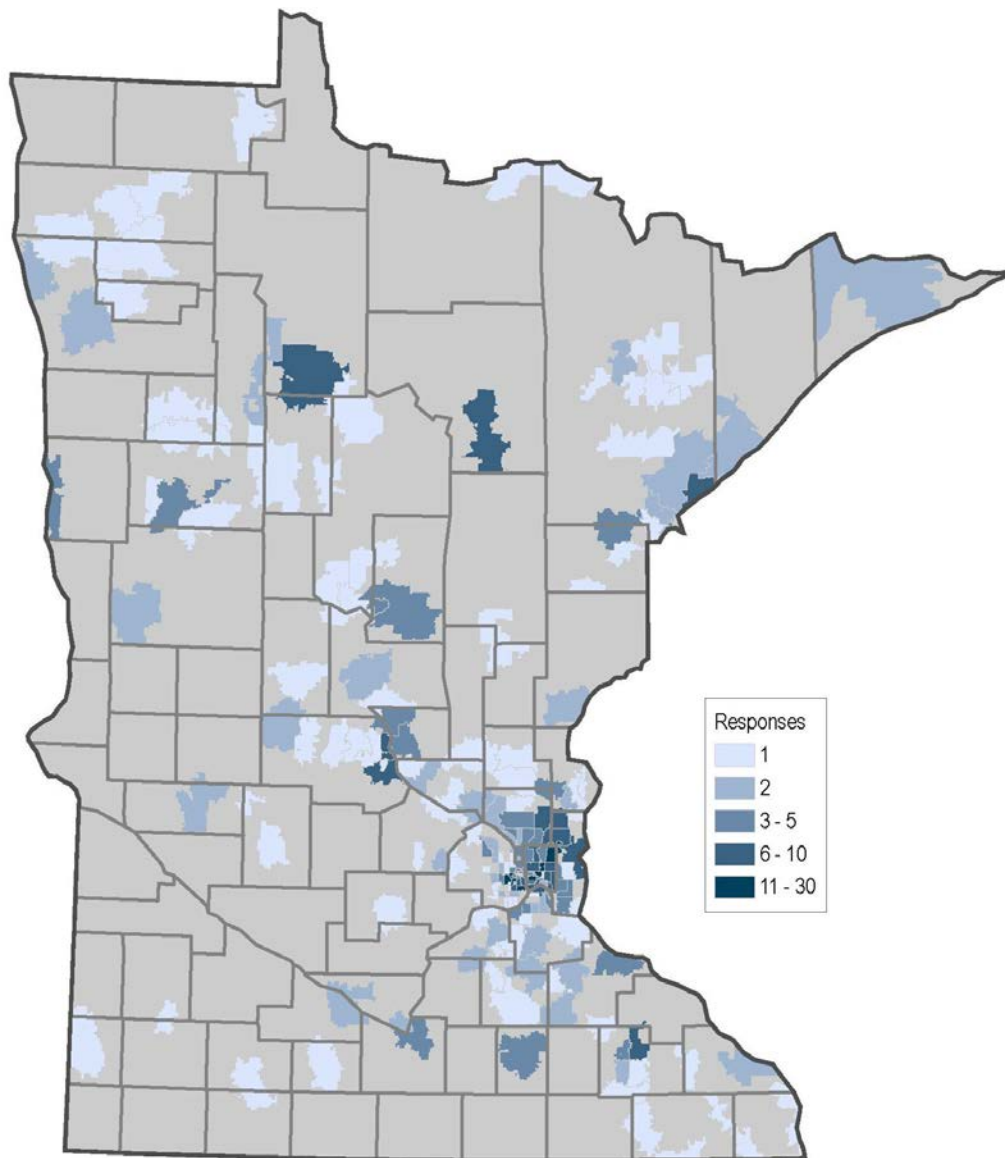


Figure 4: Map displaying zip codes of survey respondents.

## CROSSING A ROADWAY

The following images are roadway treatments for crossing a roadway that were presented in the survey. Survey respondents were given a range of five comfort levels to choose from.

Q1. How comfortable would you feel crossing this roadway with a painted crosswalk?

Image 1: Painted Crosswalk

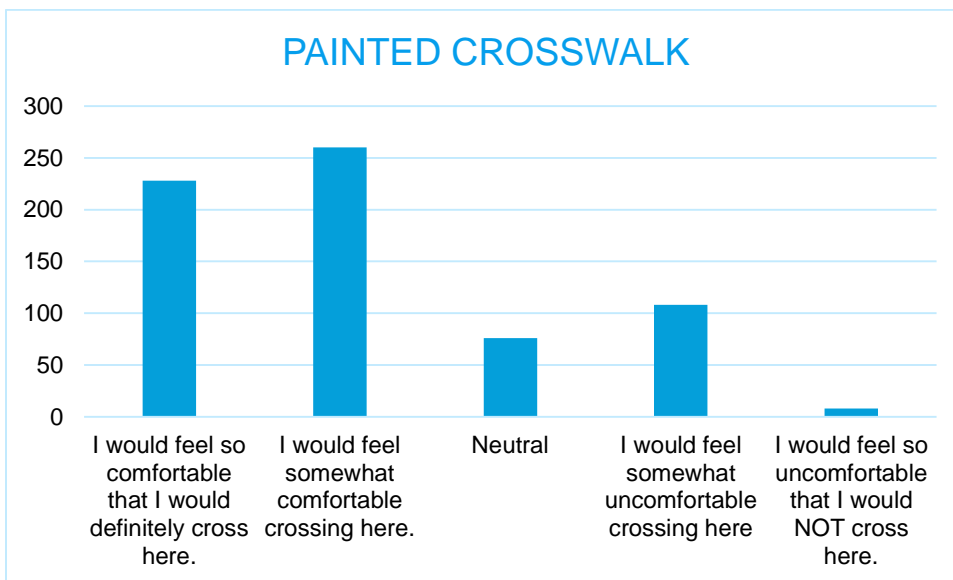


Figure 5: Comfort ratings for painted crosswalk

N = 680

Q2. How comfortable would you feel crossing this roadway with a raised crosswalk?  
Image 2: Raised Crosswalk

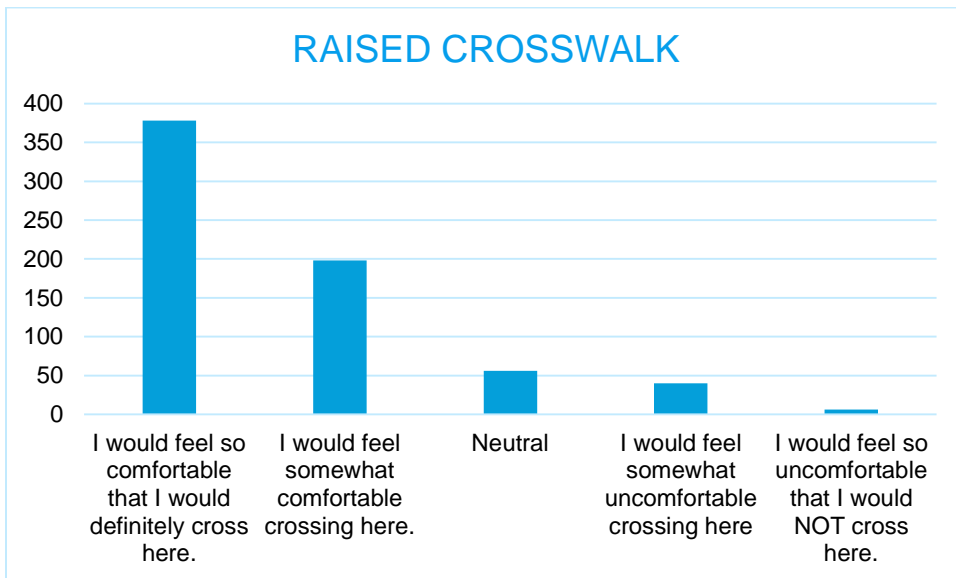


Figure 6: Comfort ratings for raised crosswalk

N = 678

Q3. How comfortable would you feel crossing this roadway with a roundabout?  
Image 3: Roundabout

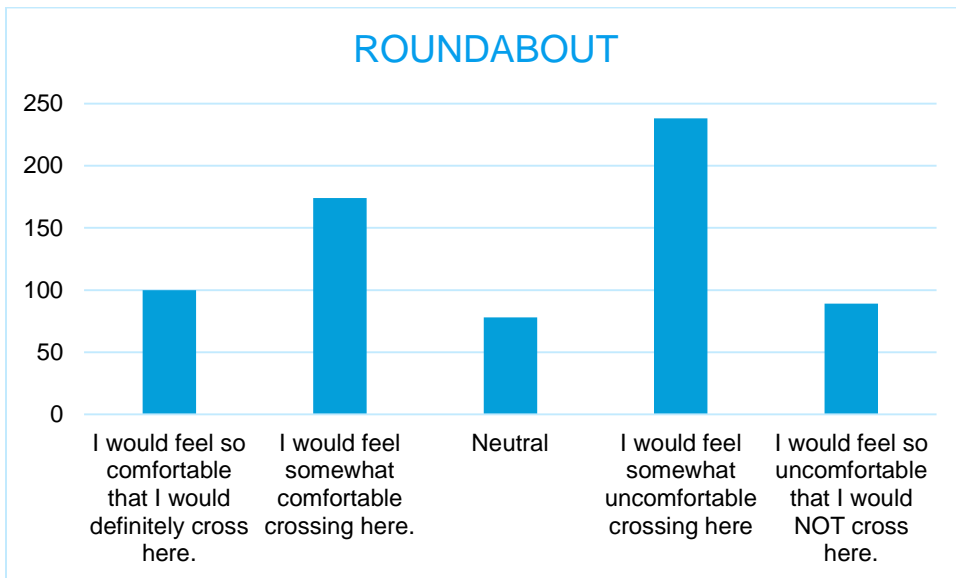


Figure 7: Comfort ratings for roundabout

N = 679



Q4. How comfortable would you feel crossing this roadway with a median?  
Image 4: Median

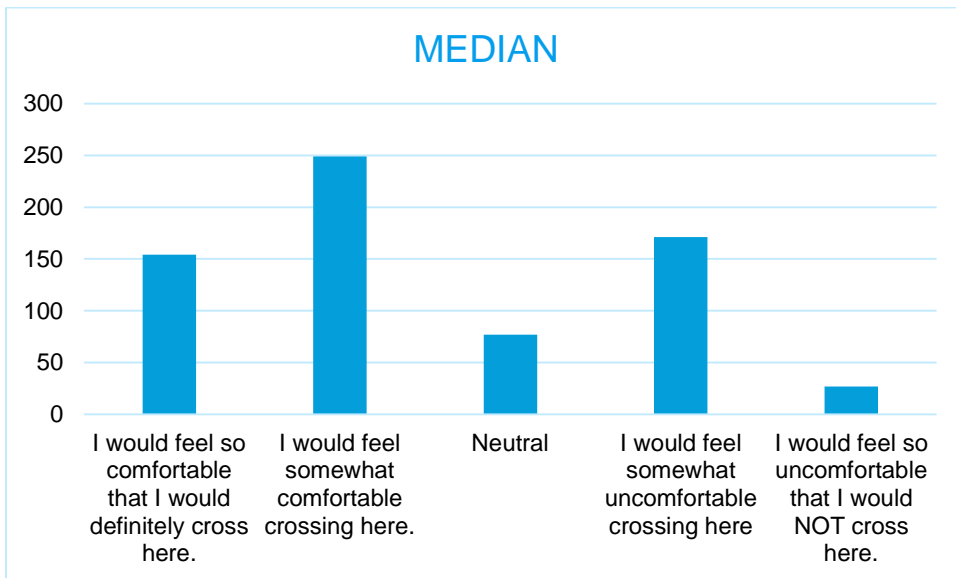


Figure 8: Comfort ratings for median

N = 678



Q5. How comfortable would you feel crossing this roadway with a flasher?  
 Image 5: Flashers

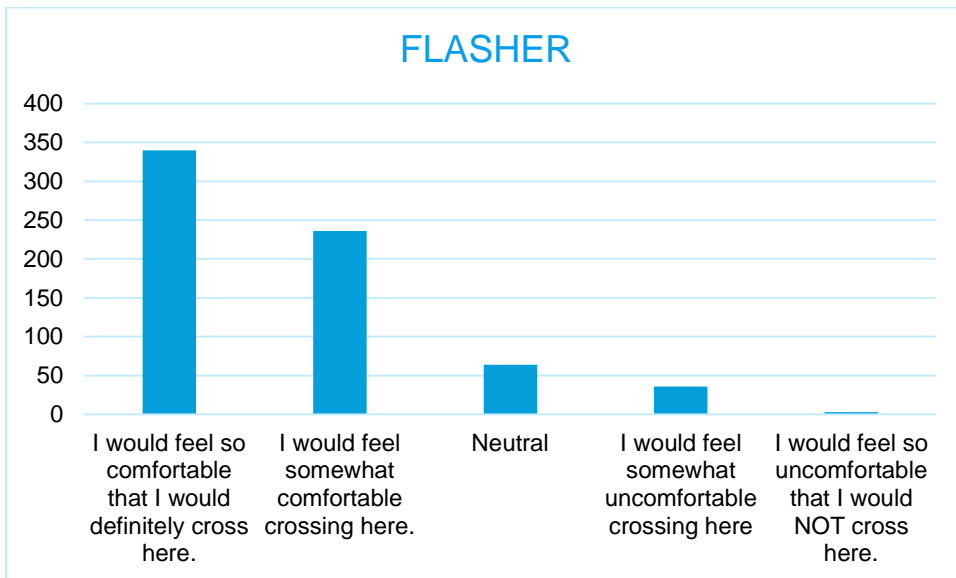


Figure 9: Comfort ratings for flashers

N = 679

Q6. How comfortable would you feel crossing this roadway with a pedestrian signal?  
Image 6: Pedestrian Signal

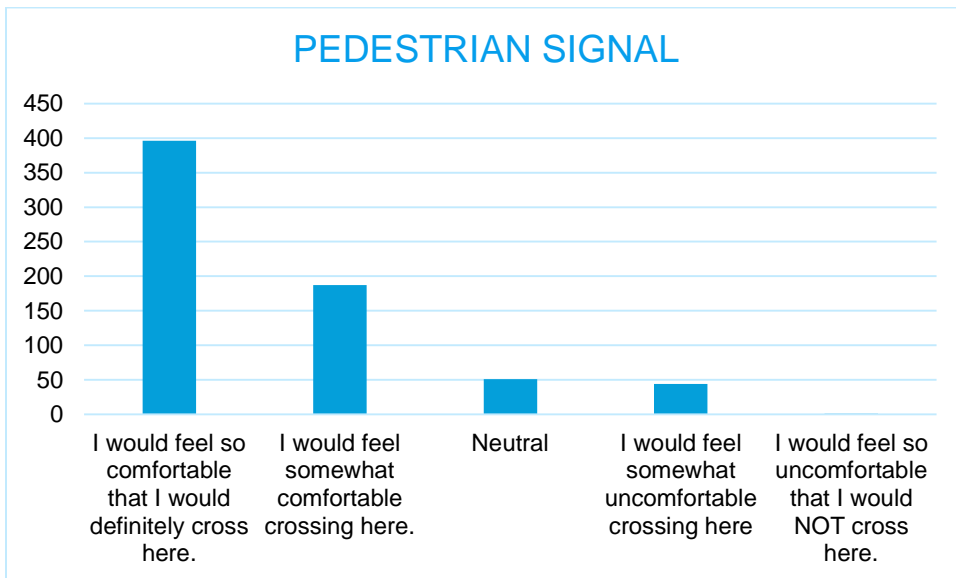


Figure 10: Comfort ratings for pedestrian signal

N = 679

Q7. How comfortable would you feel crossing this roadway with a bump out?  
 Image 7: Bump Outs

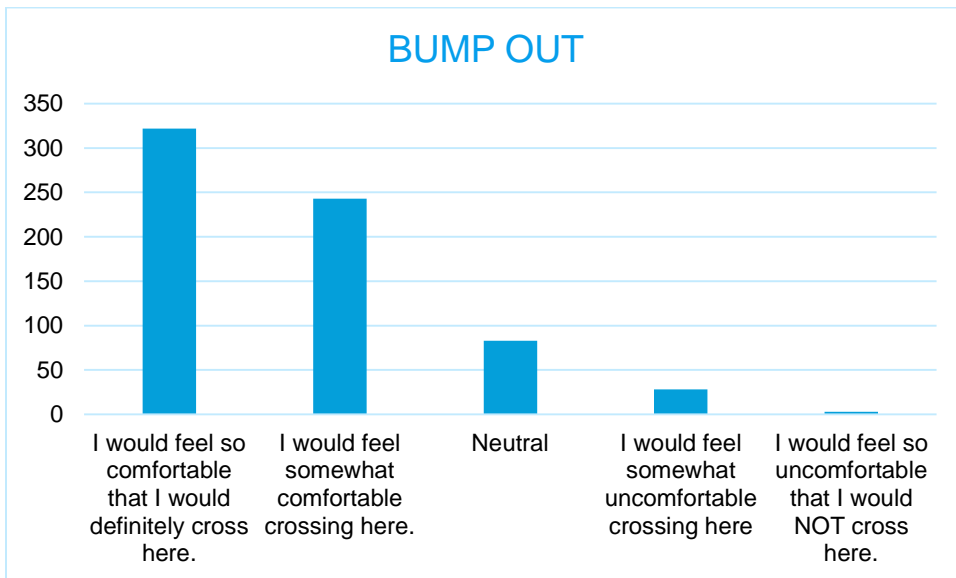


Figure 11: Comfort ratings for bump out

N = 679

Q8. How comfortable would you feel crossing this roadway with a pedestrian bridge?  
Image 8: Pedestrian Bridge

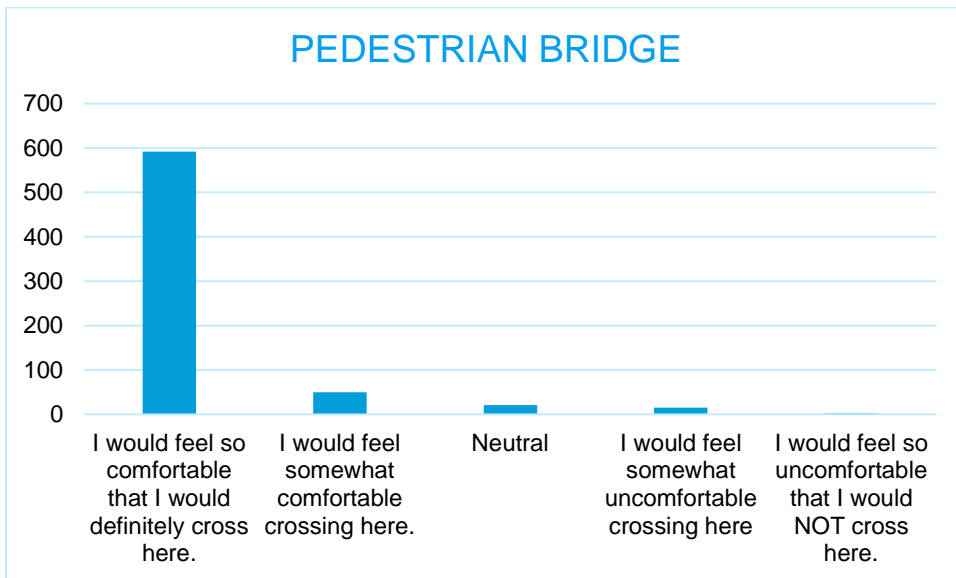


Figure 12: Comfort ratings for pedestrian bridge

N = 680

Q9. How comfortable would you feel crossing this roadway with a pedestrian tunnel?  
Image 9: Pedestrian Tunnel

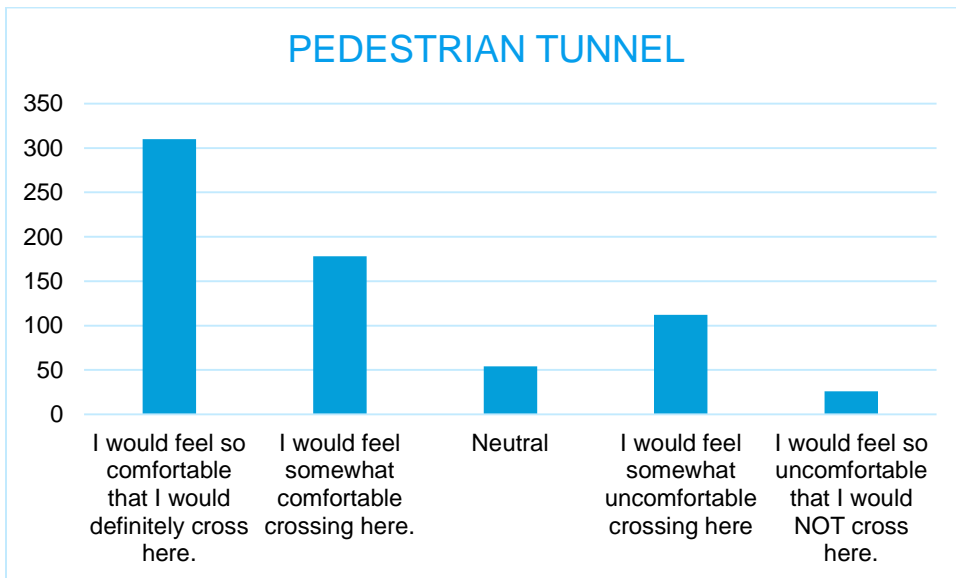


Figure 13: Comfort ratings for pedestrian tunnel

N = 680



Q10. How comfortable would you feel crossing this roadway with a free right turn?  
Image 10: Free Right Turn

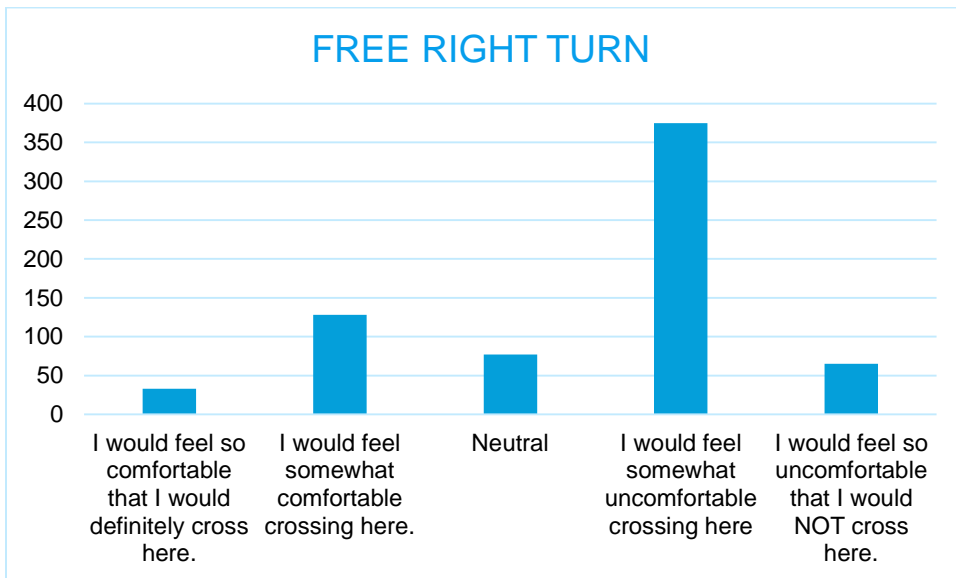


Figure 14: Comfort ratings for free right turn

N = 678

# WALKING ALONG A ROADWAY

The following images are roadway treatments for along a roadway that were presented in the survey. Survey respondents were given a range of five comfort levels to choose from.

Q11. How comfortable would you feel walking along this roadway with a **SIDEWALK**?

Image 11: Sidewalk

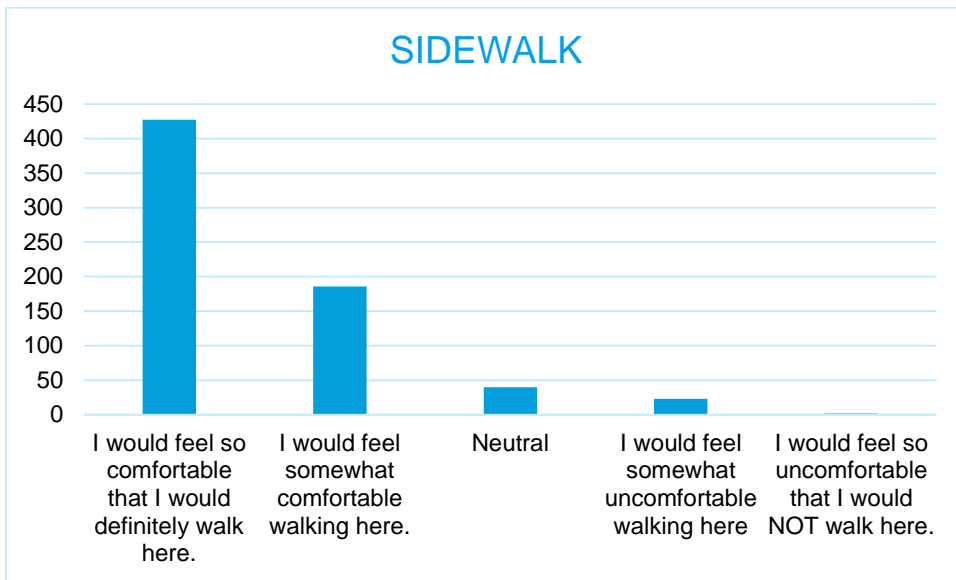


Figure 15: Comfort ratings for sidewalk

N = 678



Q12. How comfortable would you feel walking along this roadway with a sidewalk and buffer?

Image 12: Sidewalk + Buffer

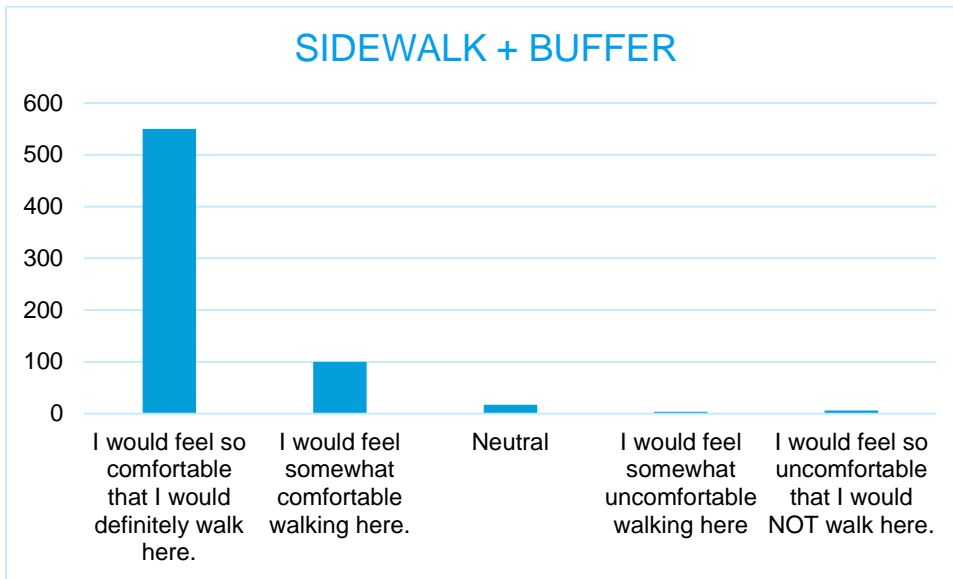
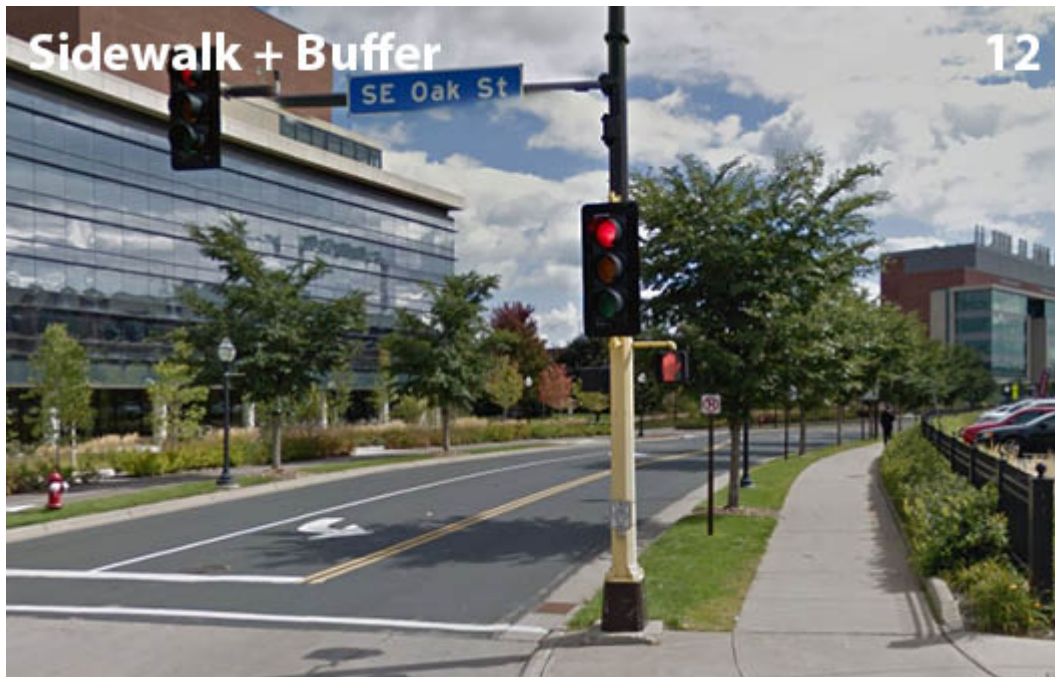


Figure 16: Comfort ratings for sidewalk + buffer

N = 677

Q13. How comfortable would you feel walking along this roadway with a paved shoulder?

Image 13: Paved Shoulder

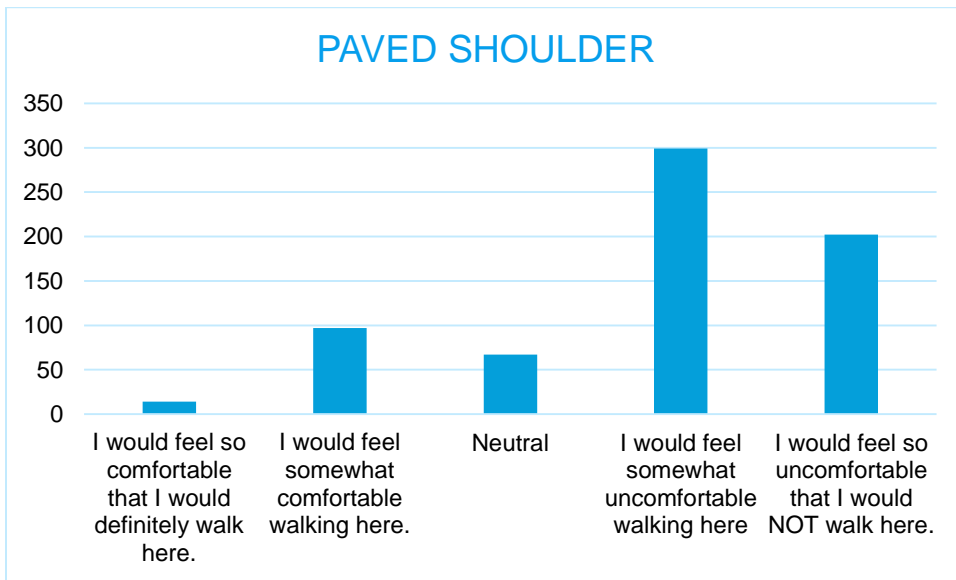


Figure 17: Comfort ratings for paved shoulder

N = 679

Q14. How comfortable would you feel walking along this roadway with on-street parking?

Image 14: On-Street Parking



Figure 18: Comfort ratings for on-street parking

N = 678

Q15. How comfortable would you feel walking along this roadway with a shared-use path?

Image 15: Shared-Use Path

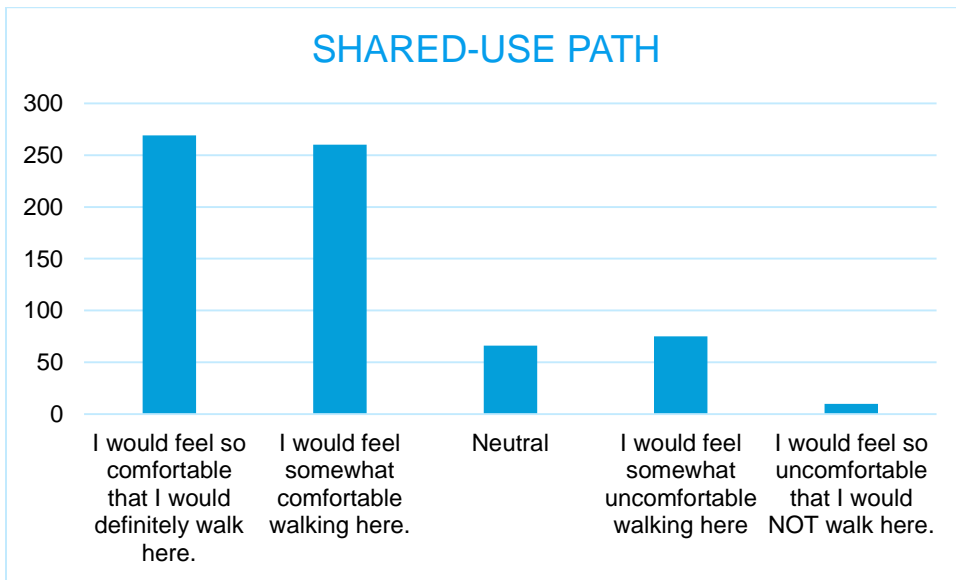


Figure 19: Comfort ratings for shared-use path

N = 680



Q16. How comfortable would you feel walking along this roadway with a bike lane?

Image 16: Bike Lane

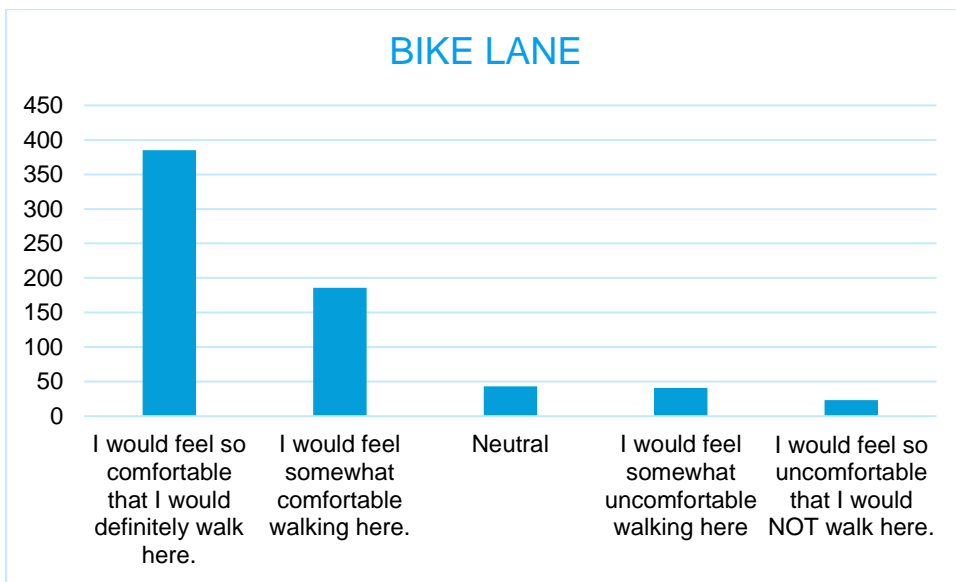


Figure 20: Comfort ratings for bike lane

N = 678

Q17. How comfortable would you feel walking along this roadway with a cycle track?

Image 17: Cycle Track

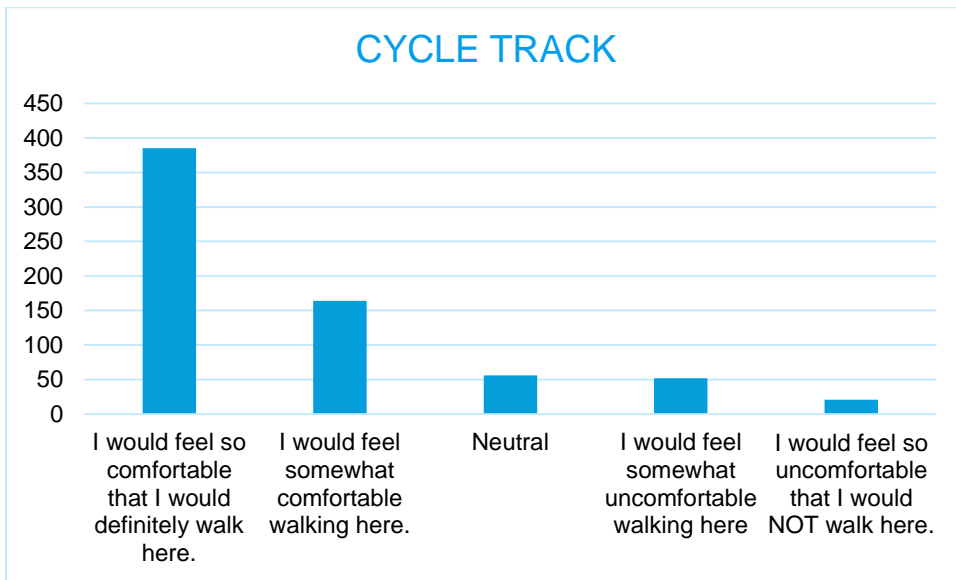
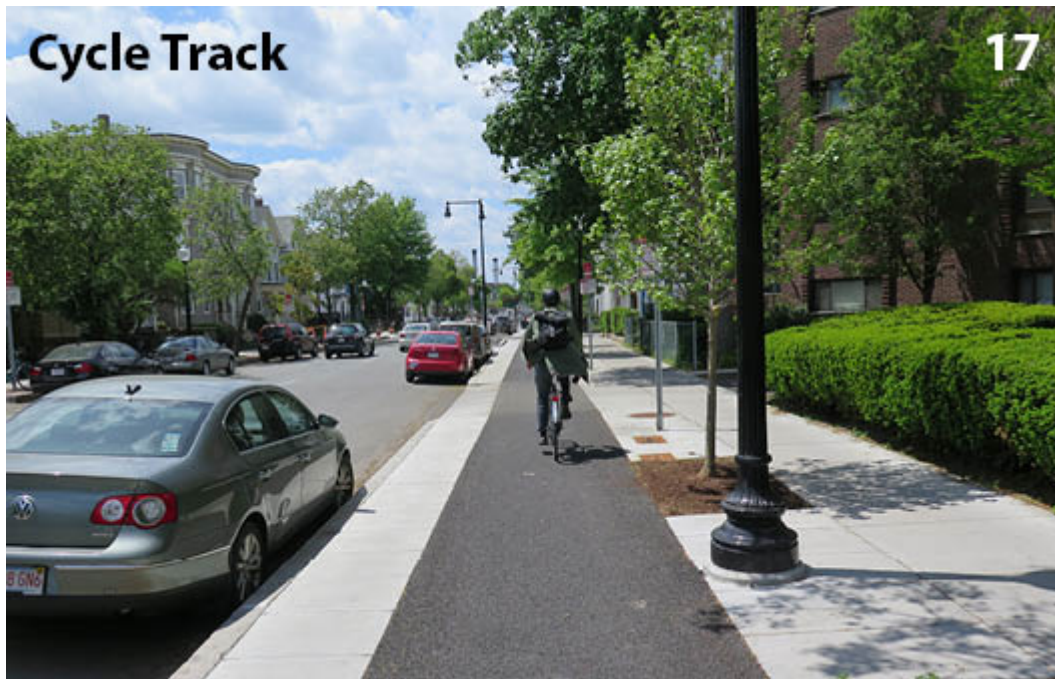


Figure 21: Comfort ratings for cycle track

N = 678