

OBJECTIVES

- Background Information
- Survey Design
- Results
- Challenges
- Next Steps

GOAL

 To present and examine the survey results





IS THE BRIDGE CLOSING?

The Chattanooga Department of Public Works has stated that it will be shutting down the Walnut Street pedestrian bridge in 2023 for repairs.

A spokesperson for the mayor's office has announced that the Walnut Street pedestrian bridge will be shut down for extensive repairs in 2023. The Department of Public Works is still finalizing the exact dates the repairs will take place on.

University Echo, October 25, 2022

The Walnut Street Bridge will close for repairs next year.

A spokesperson for Mayor Tim Kelly says extensive repairs are planned for 2023.

Right now, Chattanooga Public Works is finalizing the exact project dates.

Stay with the Local 3 News app for updates to this developing story.

Local 3 News, October 11, 2022

SINCE THE SURVEY

Ewalt says sandblasting, repainting, and replacing portions of the bridge may cause temporary shutdowns, but there isn't a set timeline. Ewalt says the first step will be finding a construction partner, to begin repairs.

While some minor shut-downs will occur, they city says they will help create alternate routes, for Chattanooga residents who use the bridge to commute to work.

66 "We'll do everything we can to mitigate construction impact, but there will likely be at least some kind of closure involved," says Ewalt.

Fox Chattanooga, May 4, 2023

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SINCE THE SURVEY

"It's kind of like our Eiffel Tower," Kelly said about the bridge. "We're happy to have the federal support, but it's an icon that Chattanoogans have grown to love, and it's time. The decking is rotting, and it's got to be stripped and sandblasted and repainted. It's something we've been putting off for quite some time."

Chattanooga Times Free Press, May 2, 2023

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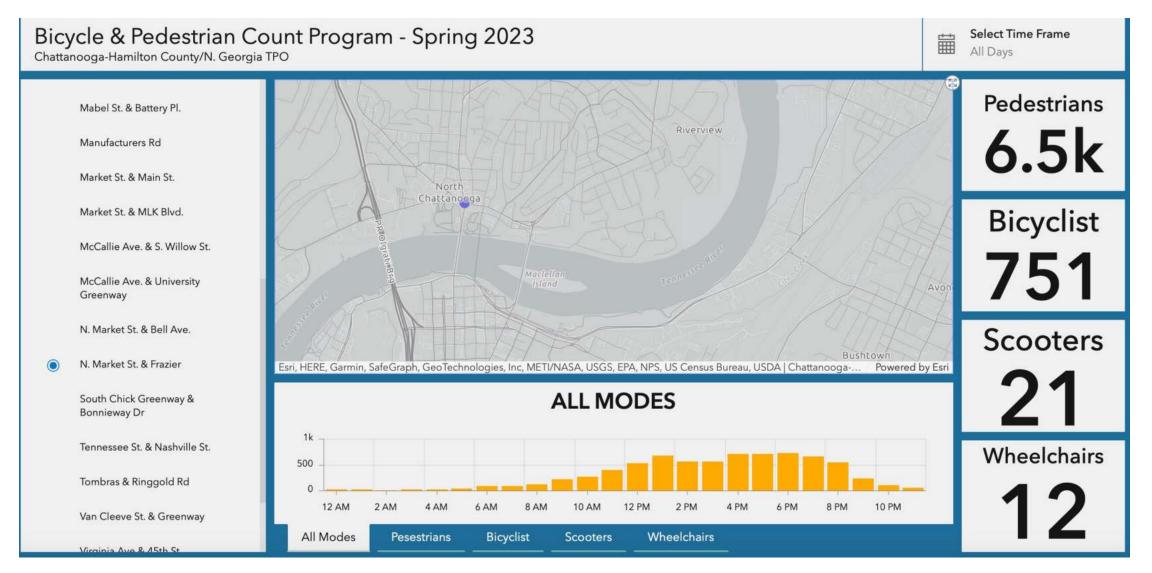
ALLOCATED FUNDING (TIP)

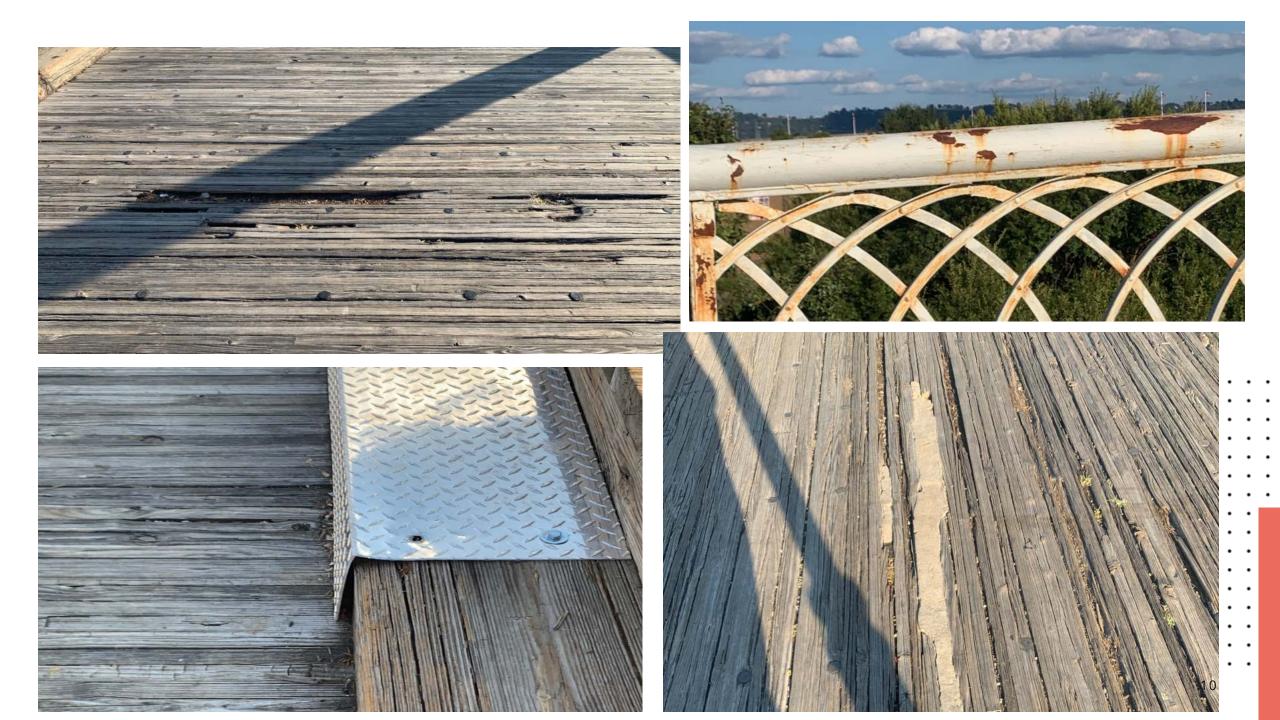
TIP Project Report 10/3/2023

Last Revision	Revision Date			
Amendment 38	10/02/2023			
TIP ID	PIN#	Length in Miles	Lead Agency	
CHC WALNUTMAINT	128099.00		Chattanooga	
State	County			
TN	Hamilton			
State Route	Total Project Cost			
Project Name				
Walnut Street Bridge Main	tenance			
Termini				
from Walnut Street and 1st	Street to Walnut Street and	Frazier Ave		
Project Description				
Rehabilitation of the Walnu	t Street Bridge including str	uctural member repair, deck repa	ir and blasting/repainting.	
Long Range Plan #		Conformity Status		
Appendix D: Set-asides		Not Applicable		

FY	Phase	Funding	Programmed Funds	Fed Funds	State Fund	Local Funds
2023	PE/ROW/CONST	STBG-M	\$17,327,353	\$13,861,882	\$0	\$3,465,471
2023	CONST	DEMO	\$6,250,000	\$5,000,000	\$0	\$1,250,000
2023	CONST	LOCAL	\$7,734,447	\$0	\$0	\$7,734,447
Total			\$31,311,800	\$18,861,882	\$0	\$12,449,918

N. MARKET ST & FRAZIER AVE





CONCERNS



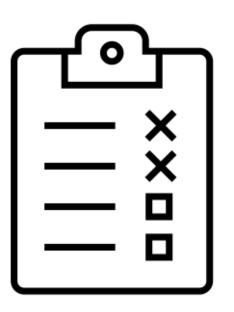
Active Transportation

- How is the potential closure going to impact physical activity?
- Impact and Safety
- How is the potential closure going to impact users and will it create safety concerns?
- Alternative Route(s)
- Which bridge is preferred to be used as an alternative pathway, and should/can it be reconfigured (and how)?

What are the impacts and safety concerns around the displaced Walnut Street Bridge users?

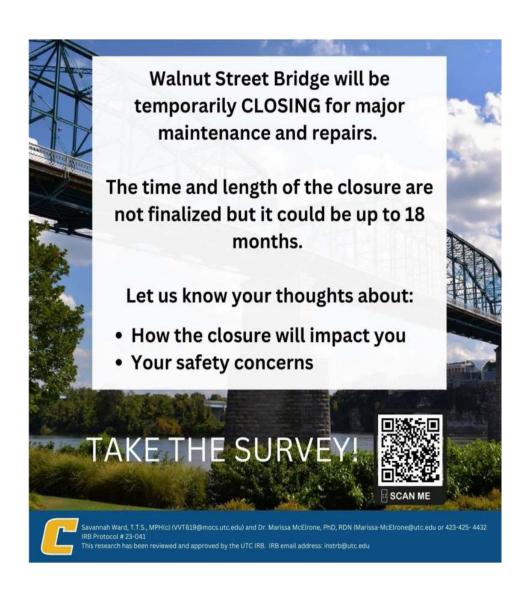
NEEDS ASSESSMENT

- Understand the potential impacts on physical activity
- Identify alternative active transportation corridors
- Assess safety concerns of displaced bicycle and pedestrian foot traffic during the potential closure



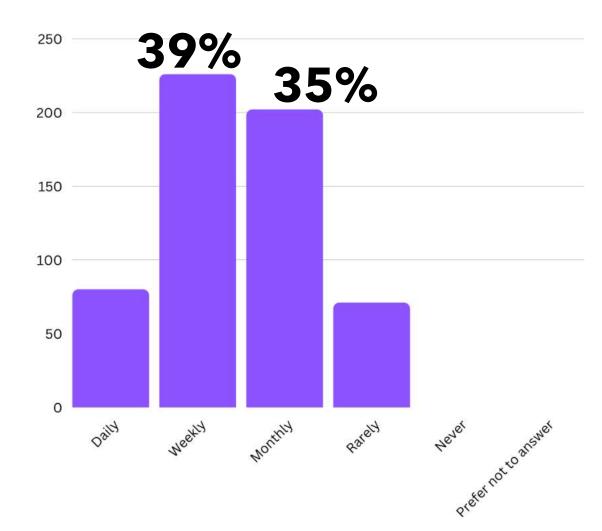
SURVEY

- 17 open- and closed-ended questions
- Open from 3/7 to 3/14, social media campaign
- 579 completed surveys
- Population size (2021): 182,113
- Sample size: 384
- Confidence Level: 95%
- Margin of error: 5%



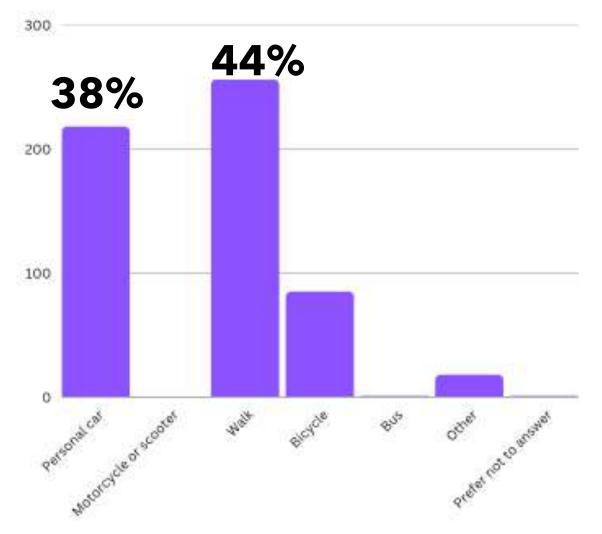
RESULTS

Q 1

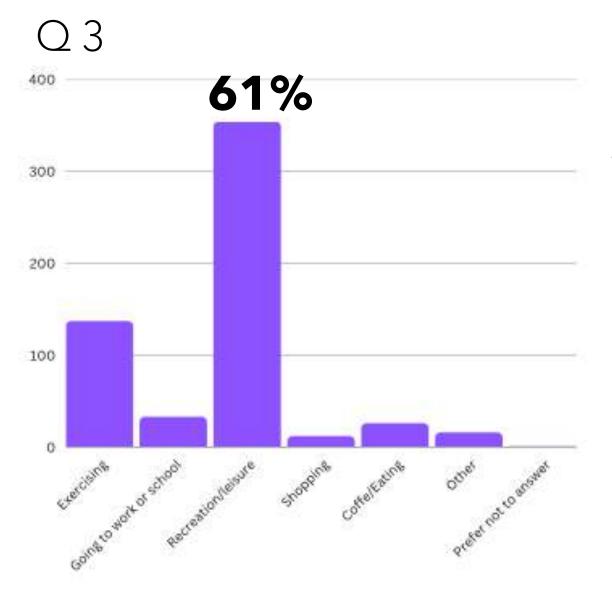


How often do you
 use Walnut Street
 Bridge (i.e., "walking
 bridge") in Chattanooga,
 Tennessee?

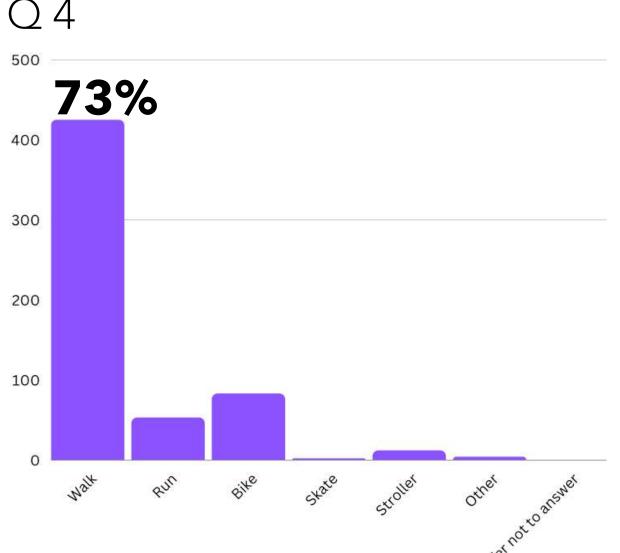
Q 2



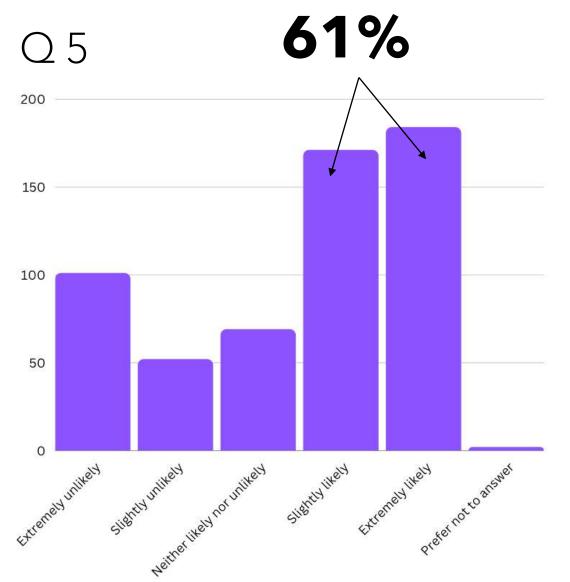
 How do you typically travel to the Walnut Street
Bridge (i.e., "walking bridge") in Chattanooga, Tennessee?



 What best describes why you typically use the Walnut Street Bridge (i.e., "walking bridge") in Chattanooga, Tennessee?

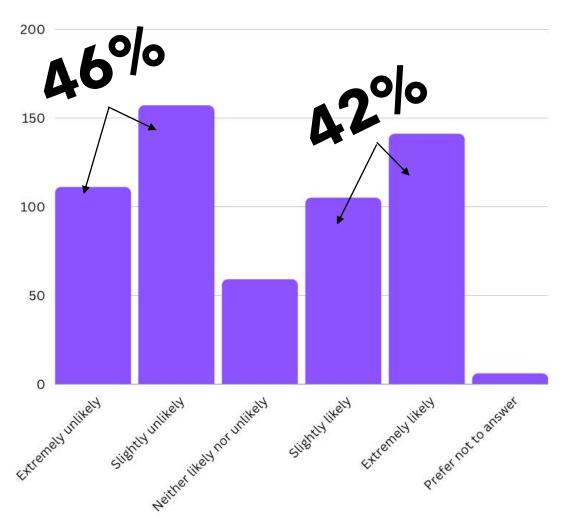


 What type of activity do you do most often on the Walnut Street Bridge (i.e., "walking bridge") in Chattanooga, Tennessee?



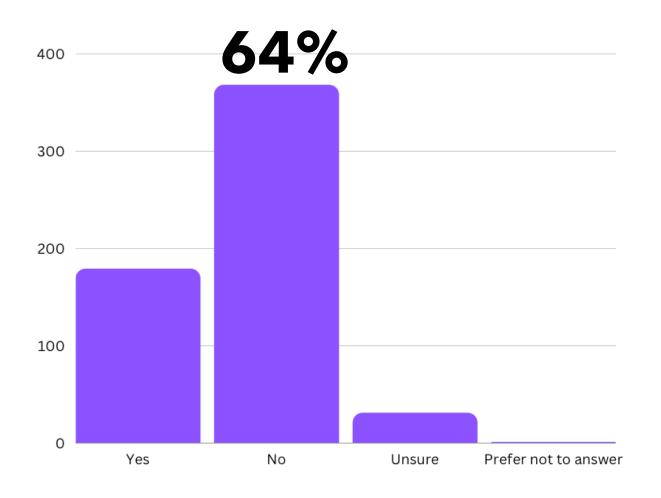
 How likely is the closure of the Walnut Street
Bridge (i.e., "walking bridge") in Chattanooga,
Tennessee going to impact your physical activity level?

Q 6

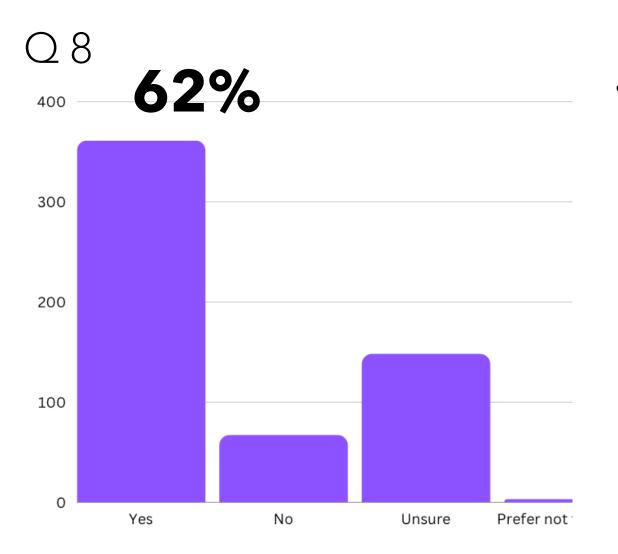


 How likely are you to continue biking, walking, running, etc. in the Northshore or downtown area during the closure of the Walnut Street Bridge (i.e., "walking bridge") in Chattanooga, Tennessee?

Q 7

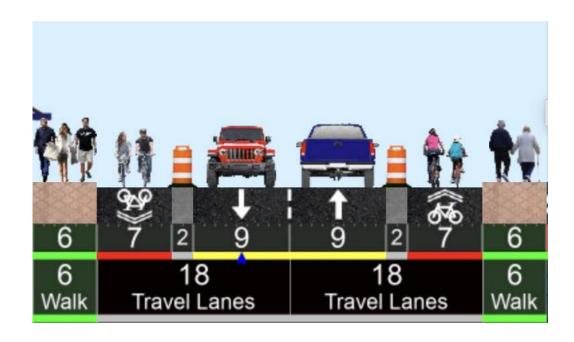


 Do you feel safe walking, biking, or running across Market Street
Bridge in Chattanooga, Tennessee?



 Would you feel safe walking, biking, or running across the Market Street Bridge if there were increased safety measures taken for the duration of the Walnut Street Bridge closure?

Q 9

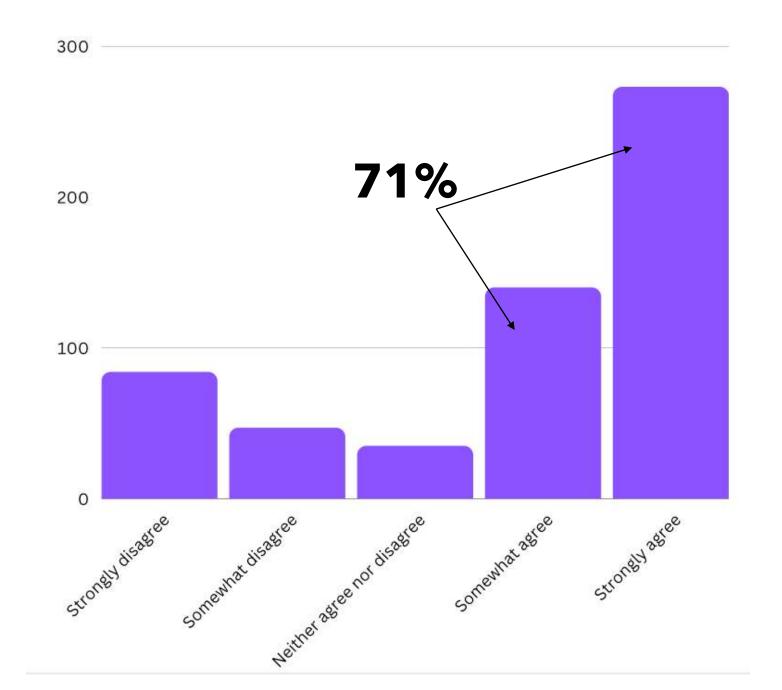


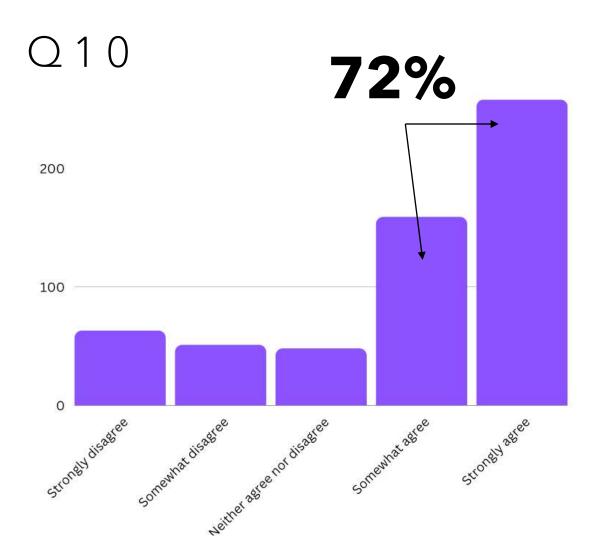
NOTE: Numbers in figure represent measurement in feet (ft)

How much do you agree with temporarily reducing the number of travel lanes on Market Street Bridge, from four to two lanes, with one in each direction, and adding two bicycle lanes with buffers in between the cars and bicyclists?

Q9 CONT.

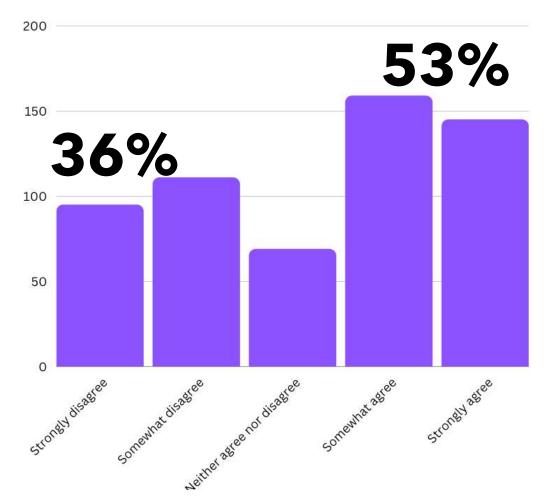
71% agree that Market Street Bridge **should** be temporarily reconfigured to reduce the number of driving lanes to increase safety measures for vulnerable road users.



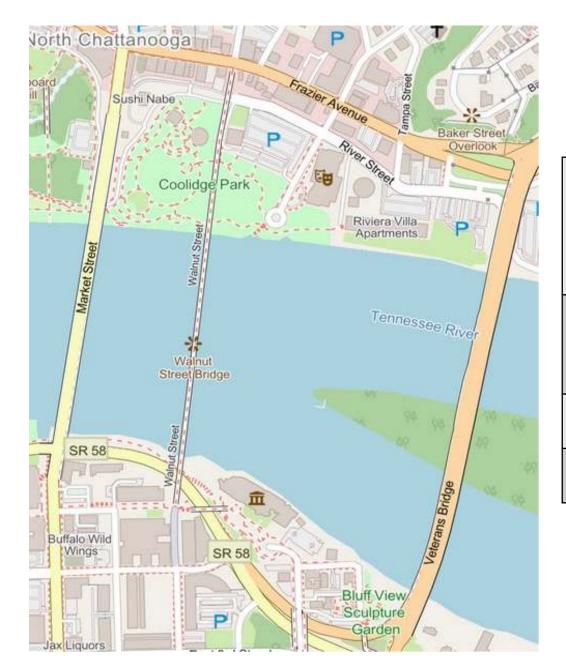


 How much do you agree with temporarily reconfiguring Market Street
Bridge as an alternative active transportation avenue during the closure of the Walnut Street
Bridge (i.e., "walking bridge") in Chattanooga, Tennessee?

Q 1 1

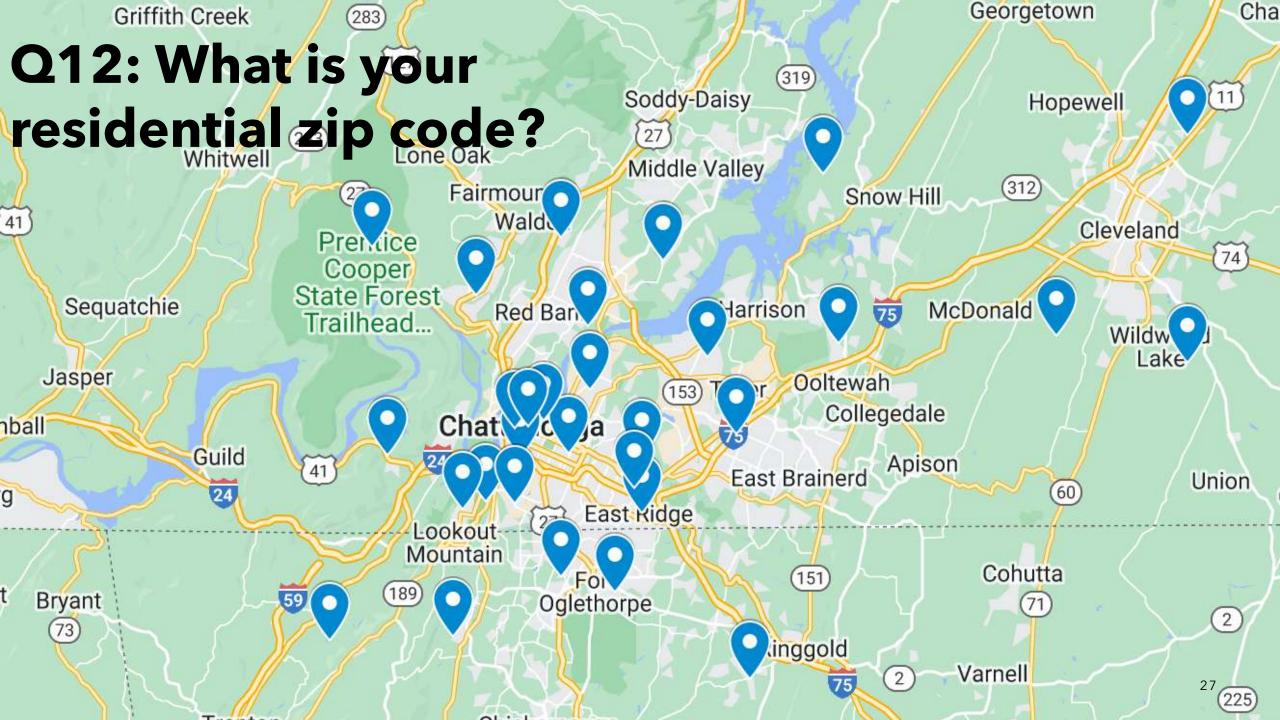


 How much do you agree with temporarily reconfiguring the Veterans Memorial Bridge as an alternative active transportation avenue during the closure of the Walnut Street Bridge (i.e., "walking bridge") in Chattanooga, Tennessee?

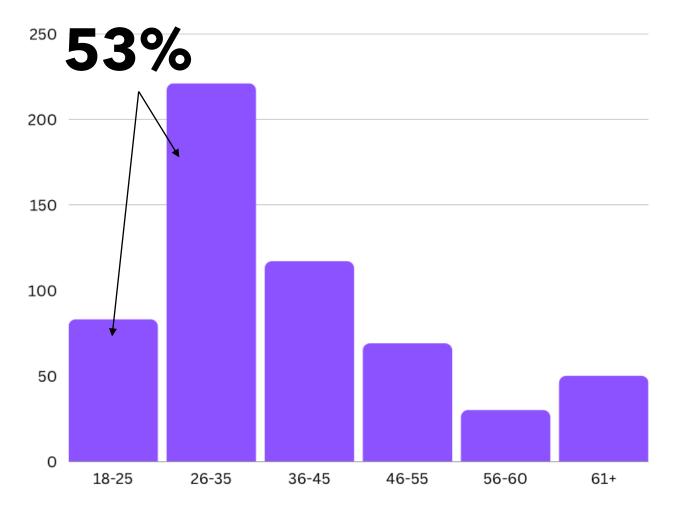


Which bridge should be reconfigured?

Market Street Bridge	Veterans Memorial Bridge		
72% Yes	53% Yes		
20% No	36% No		

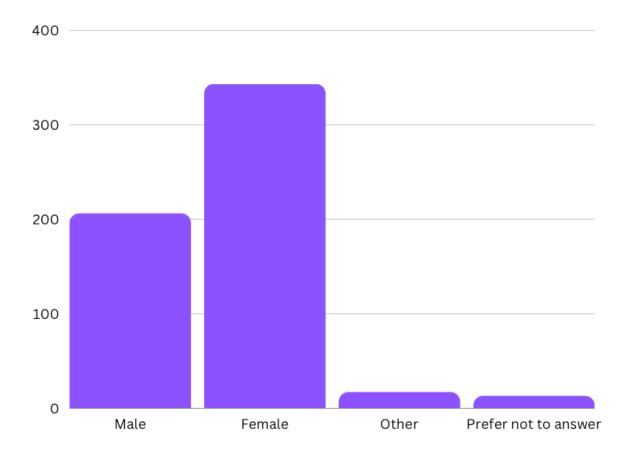


Q 1 3



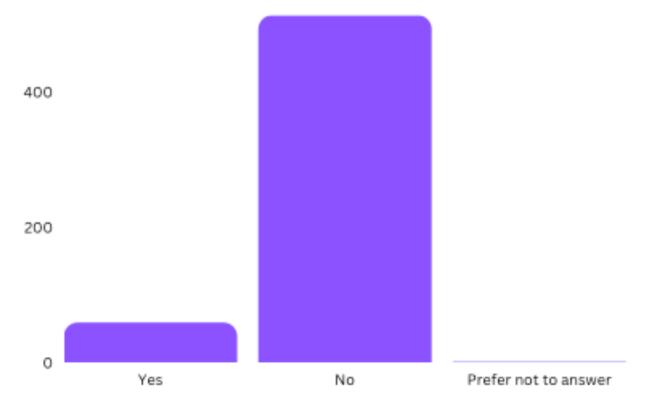
•What is your age?

Q 1 4



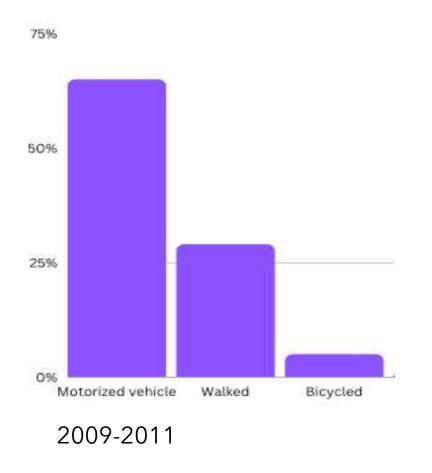
• What is your gender?

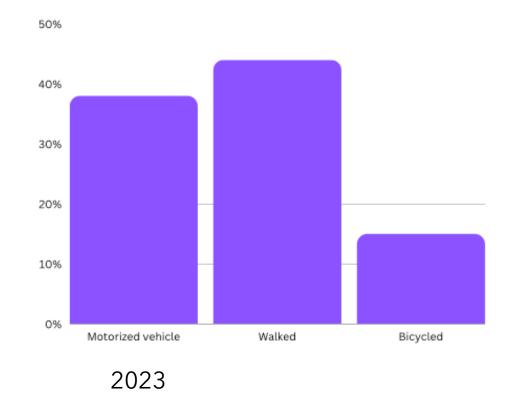




• Are you a student?

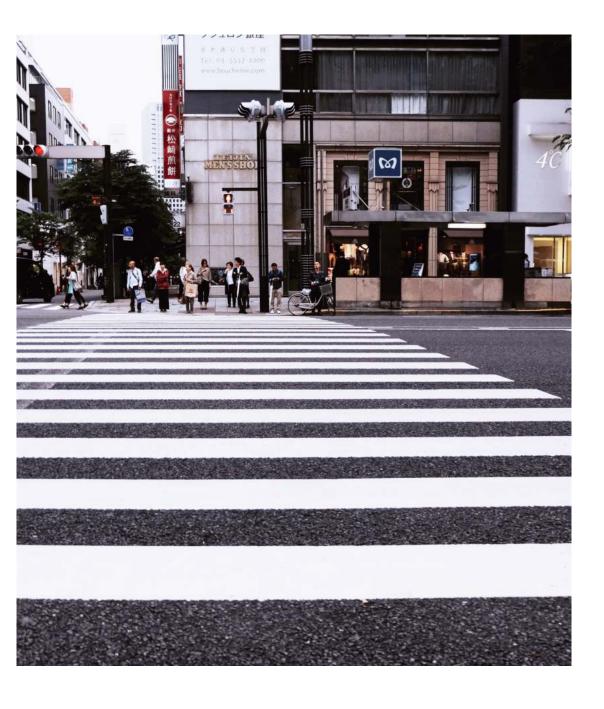
HOW DO YOU TRAVEL TO THE WALNUT STREET BRIDGE?





THEMATIC ANALYSIS

- Closure Length
- Market Street Bridge Concerns
- Reconfiguration
- Business/Tourism
- Transparency
- Traffic Concerns
- Physical Barriers



"It is mandatory to increase safety for pedestrians and bicyclists on Market Street Bridge during this time. It would be even better if this was done on BOTH Market & Veterans Bridges."



"As someone who uses the bridge a few times a week to commute by bike it would be very helpful to have another safe route to cross the river, if there isn't a protected crossing I would probably have to return to driving which negatively impacts my health, the environment, and traffic for those who do drive."

CHALLENGES

- Balance need for repair with impact of construction
- Limited number of river crossings
- Market Street Bridge is a state route

WHAT'S NEXT

- Details about construction impacts and alternate routes available soon
- Sign up to receive information throughout the project

