

## Public Engagement Phase I Summary

### 1. Introduction

In the late Fall of 2022 into early Winter of 2023, the Pender County Bicycle and Pedestrian Plan team conducted the first phase of public engagement. The goal of this phase was to educate the public on the plan's purpose and need, and seek input on a vision and goals for the plan; identify the bicycle and pedestrian conditions, including where users currently or would like to be able to walk and bike, where challenges exist to doing such, and ideas for improving bicycle and pedestrian conditions; and identify evaluation criteria that will be used for the prioritization of potential projects to be included as part of the plan. This report summarizes the activities and feedback received during this phase.

### 2. Promotion and Outreach

To reach a wide range of the study's targeted audiences, several outreach tools were used. Both print and digital means were necessary to promote the study to the public who use the corridor frequently and to the public who may receive information mostly from digital sources. These tools included a study-specific webpage, informational flyers, social media, and press releases. The webpage was hosted on WMPO's website: <https://www.wmpo.org/pender-county-bicycle-and-pedestrian-plan/>

To reach key audiences where they currently frequent rather than require them to seek out opportunities for in-person engagement, pop-up events were hosted. The purpose of these pop-up events was to share materials developed for the study and to engage participants in engagement opportunities, including the survey. Two events were hosted on February 4<sup>th</sup>, the first at Food Lion at Hampstead Station and the second at the Castle Bay Community. Participants that stopped by at the pop-up events could have conversations with the study team, fill out a paper survey, or provide comments on a map of the county.

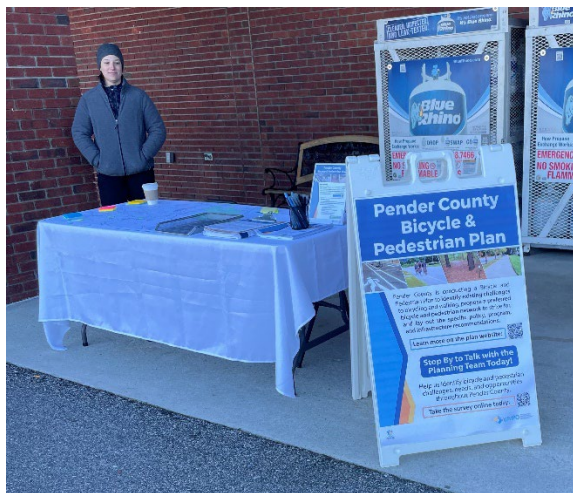


Figure 1. Pop-up at Food Lion



Figure 2. Pop-up in the Castle Bay Community

### 3. Survey Results

A public survey was used during this phase of public engagement to solicit public input. The survey was available on MetroQuest, an online platform. A portion of the survey included a crowdsourcing map to seek feedback on identifying the current conditions so that participants could provide feedback on where they would like to be able to walk and bike, where challenges exist to doing such, and ideas for improving bicycle and pedestrian conditions. A paper survey was also developed to provide a non-digital means to complete the survey, for participants without access to a mobile phone or computer.

The survey was launched on November 21<sup>st</sup> and there have been 619 responses collected as of March 9, 2023. Figure 1 shows the accumulative participation by each week.

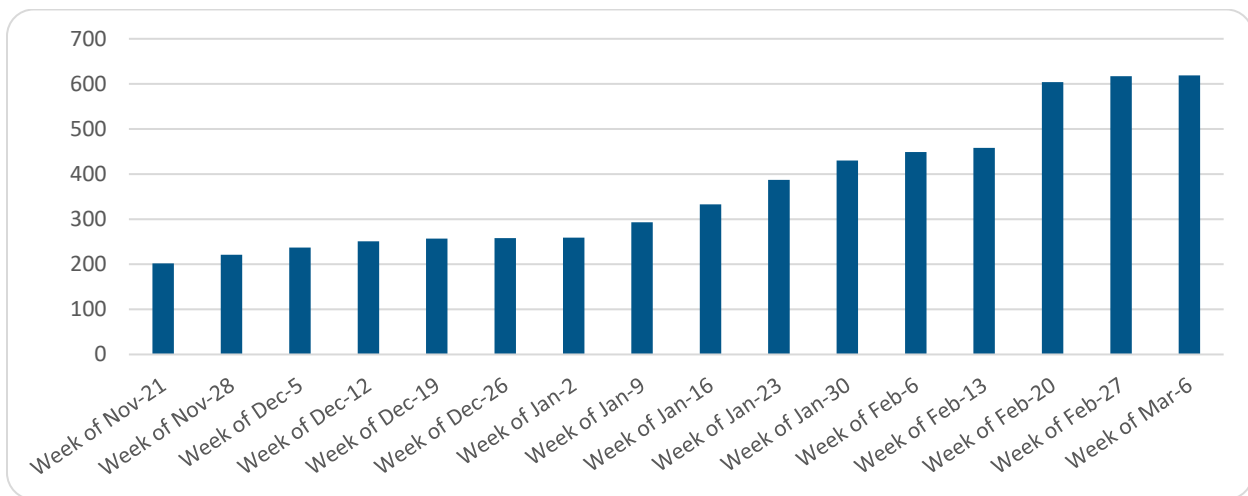


Figure 3. Survey participants by week

The following sections provide a description of the content provided on each page of the MetroQuest survey and summarizes the findings collected from participations. A demo of the survey can be found here: <https://demo.metroquestsurvey.com/d9k3e>

#### Screen 1: Welcome Screen

The Welcome screen provided background details on the study, the purpose of the survey, and how feedback and community input contribute to the final recommendations. The scrolling text at the bottom of this page noted that “As the development of recommendations also considers local policies and plans, as well as a significant amount of technical data, the study team and decision-makers are committed to incorporating feedback and asking the community for input before finalizing recommendations.”

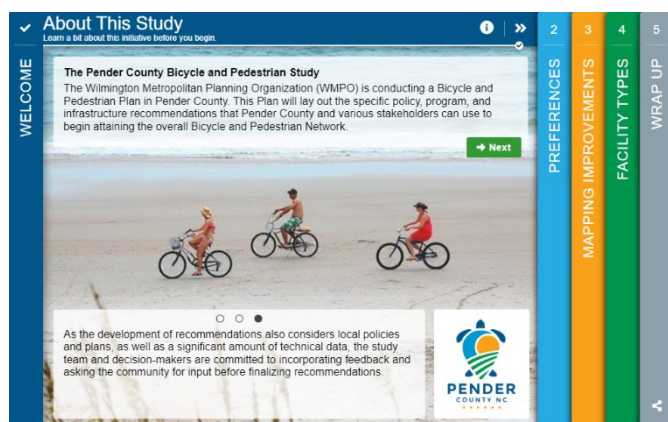


Figure 4. Welcome screen

**Screen 2: How Do You Bike and Walk?**

The second screen asked participants to rate their biking and walking level of confidence, typical destinations, habits, and preferred amenities. The first set of questions asked participants to describe their level of comfort with biking and walking in Pender County. There were four options: strong and fearless, enthusiastic and confident, interested but concerned, and not interested. The results of the biking and walking confidence are shown in Figures 6 and 7. The majority of participants for both biking and walking confidence selected “interested, but concerned” though it should be noted that participants were slightly more confident with walking than biking.

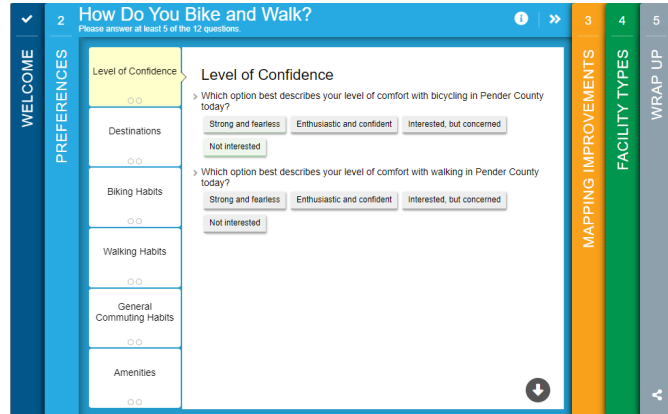


Figure 5. Preferences screen- How Do You Bike and Walk?

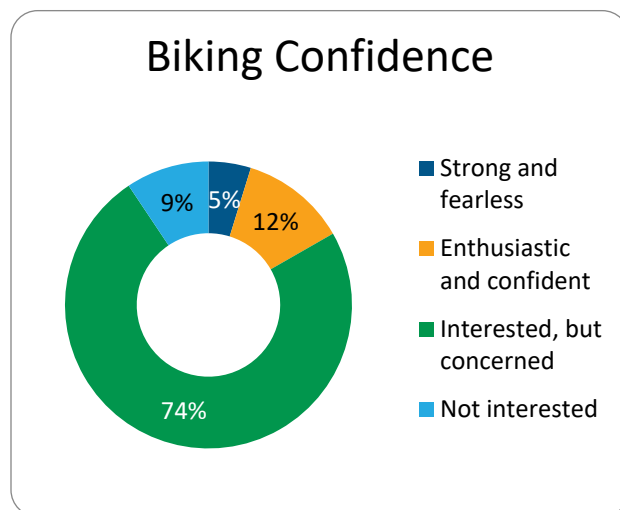


Figure 6. Which option best describes your level of comfort with bicycling in Pender County today?

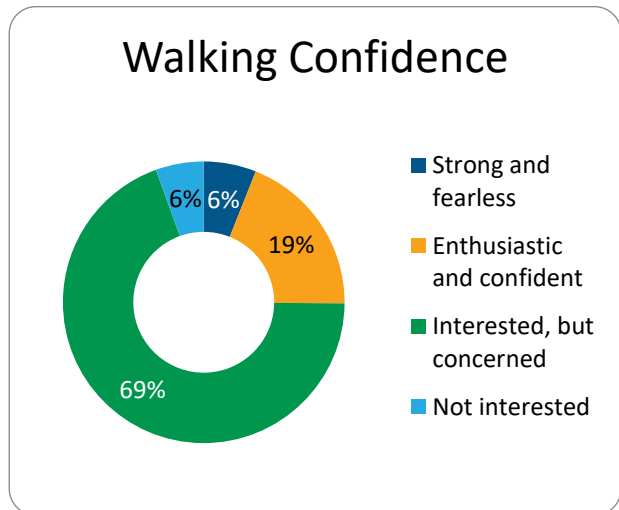


Figure 7. Which option best describes your level of comfort with walking in Pender County today?

The second set of questions asked participants about the purposes they currently bike and walk for. For both biking and walking, most participants do so as a recreational activity. Less than 30 participants currently bike and walk to commute to school, work, or connect to transit. Approximately 130 participants bike or walk to visit family and friends. For the purpose of running errands, 94 participants responded that they currently bike, and 77 participants responded that they currently walk.

## Survey Results

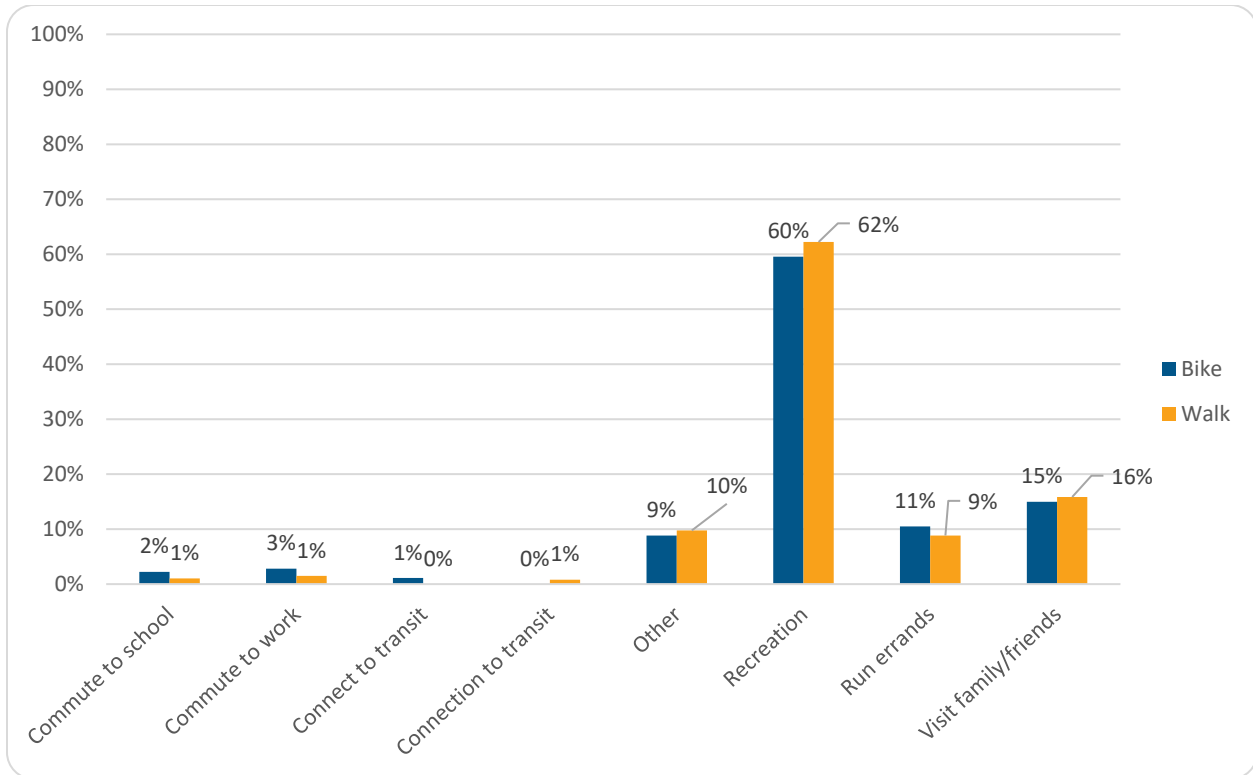


Figure 8. What purposes do you currently bike for? What purposes do you currently walk for?

The third set of questions asked about biking and walking habits. The survey asked how often participants currently bike and how often they would bike if the network was improved. The number of participants who responded that they currently bike daily is 31. When asked how often they would bike if the network was improved, 198 participants answered that they would bike daily. Therefore, the number of daily bikers would increase by six times if the network was improved. The number of participants who said they currently never bike is 59; this number decreased by 50% when participants were asked about an improved network. When asked about an improved biking network, the frequency with that participants said they would bike increased.

The survey asked participants how often they currently walk and how often they would walk if the network was improved. 180 participants said they currently walk daily. That number jumped to 286 when participants were asked about an improved network. A similar pattern is seen with the participants who selected multiple times a day for their current habits. The number of participants who selected multiple times a day went from 16 participants to 111 participants when asked about an improved pedestrian network.

## Survey Results

Figure 9 shows the current habits for bikers and their habits if the network was improved.

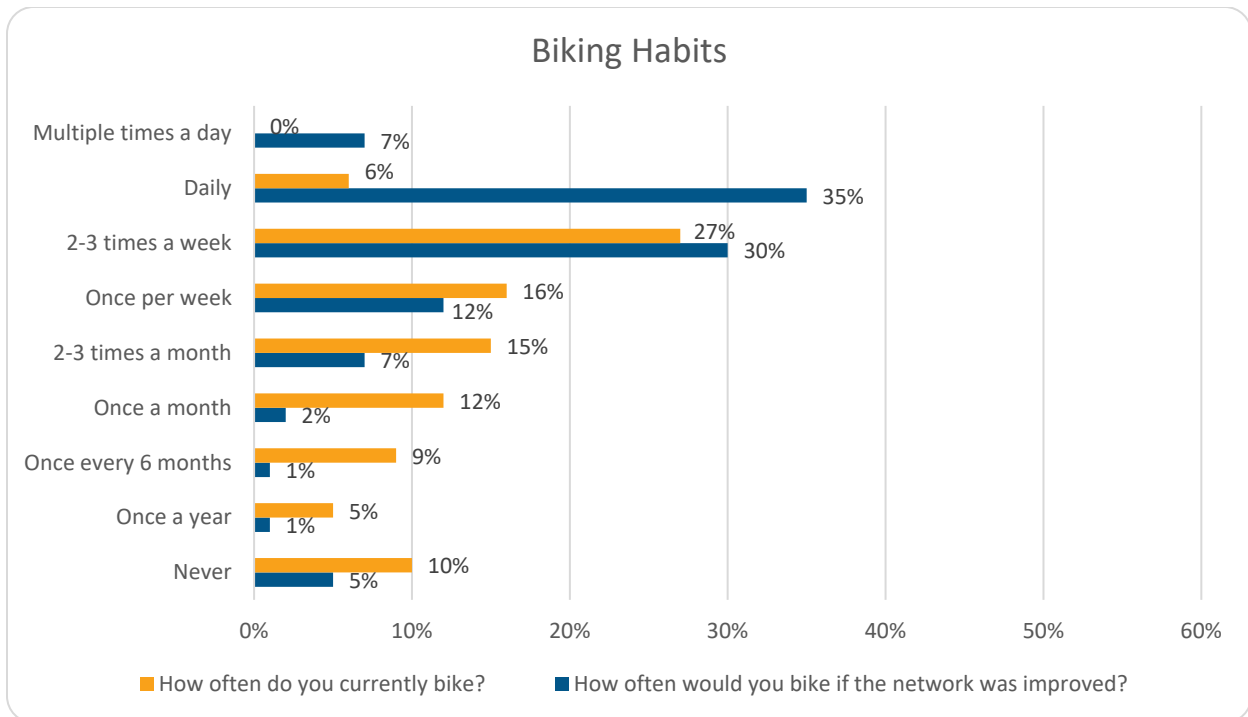


Figure 9. How often do you currently bike? How often would you bike if the network was improved?

Figure 10 shows the current habits for walkers and their habits if the network was improved.

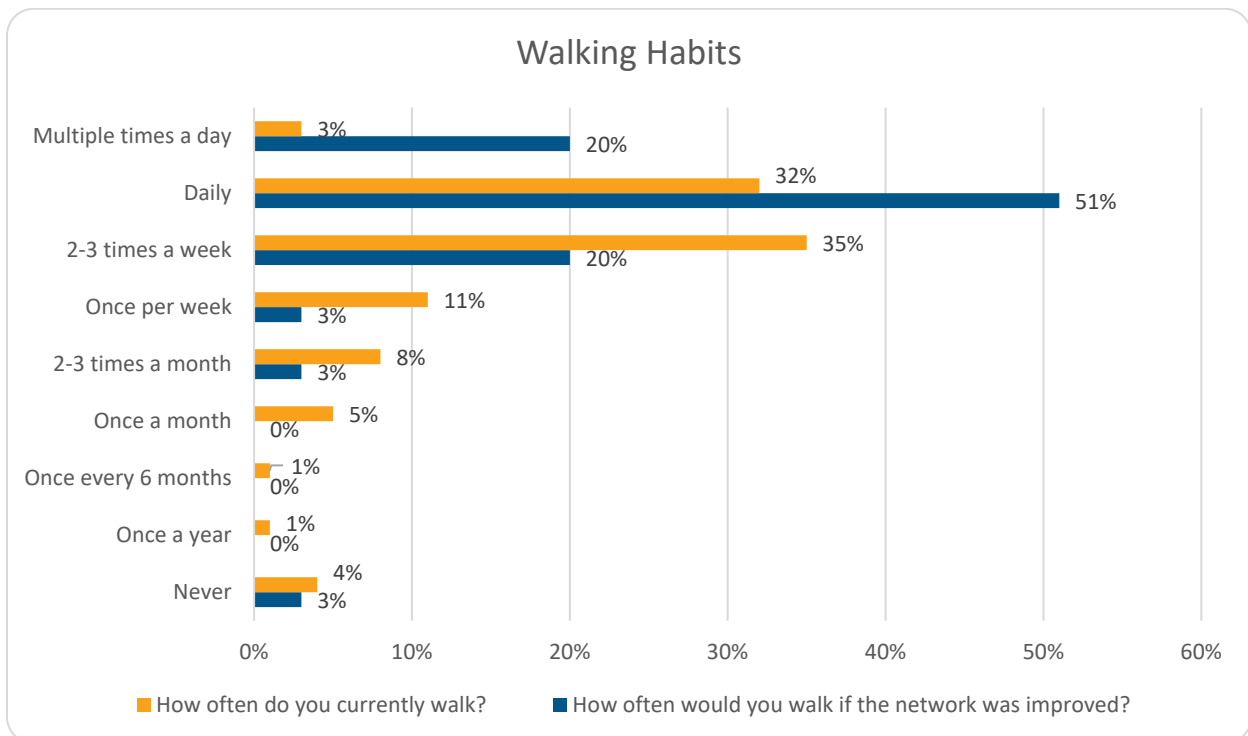


Figure 10. How often do you currently walk? How often would you walk if the network was improved?

## Survey Results

The fifth set of questions asked about general commuting habits such as participants' most common and current mode of transportation and their desired mode of transportation. The most used current mode of transportation is a single-occupant car. When participants were asked about desired commuting patterns, biking was ranked as the most desired mode of transportation if the system was improved. Walking also saw an increase, and notably, responses for single-occupant car trips decreased.

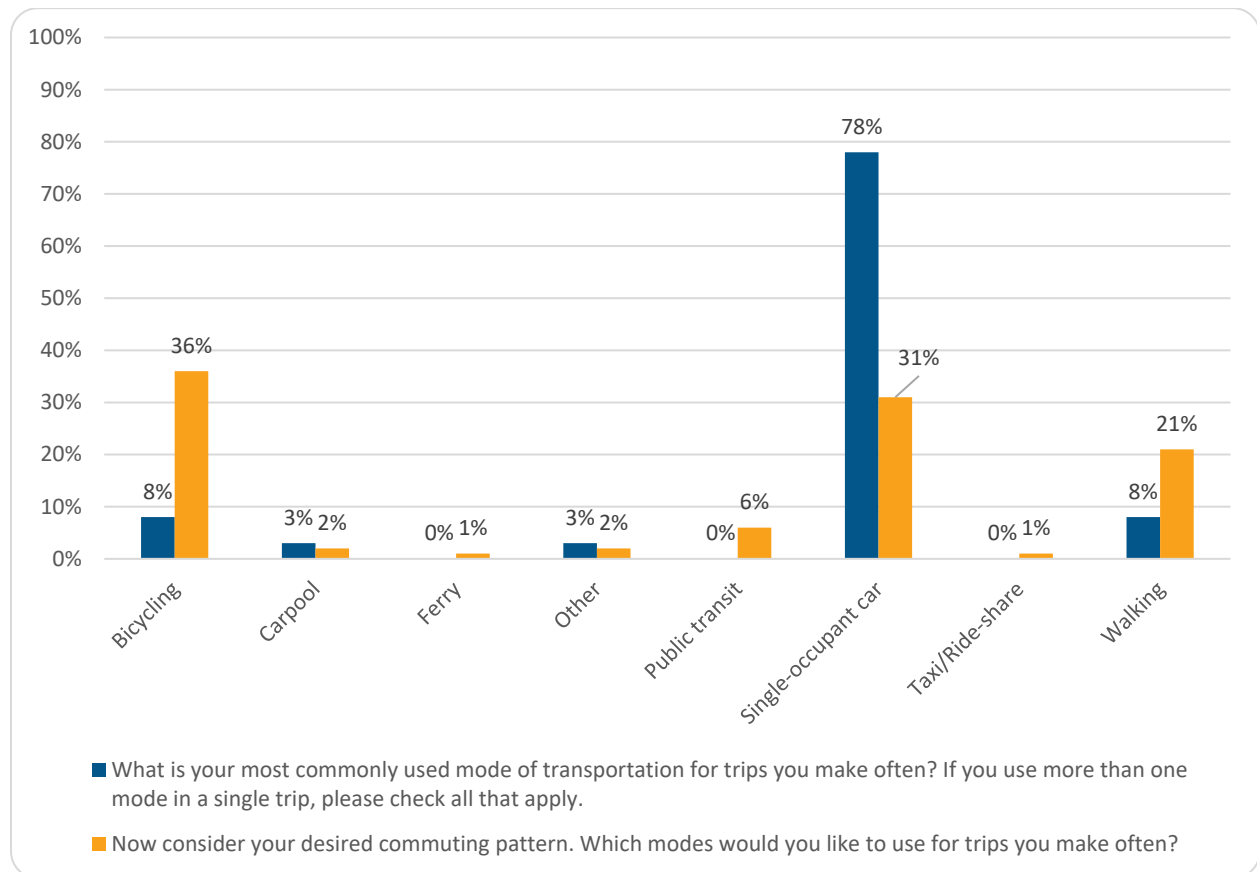


Figure 11. What is your most commonly used mode of transportation for trips you make often? Which modes would like to use for trips you make often?

## Survey Results

The last set of questions asked participants which amenities would encourage them to bike or walk. The option for “Safe biking/walking routes” was the most popular choice of participants to encourage more walking or biking. Participants provided 159 comments about amenities that would encourage participants to bike or walk. Among those comments, the common themes were about safety, having well-lit trails, bathroom facilities, dedicated bike lanes, sidewalks, and crosswalks. There were eight comments about a path around Scoot’s Hill Loop Road.

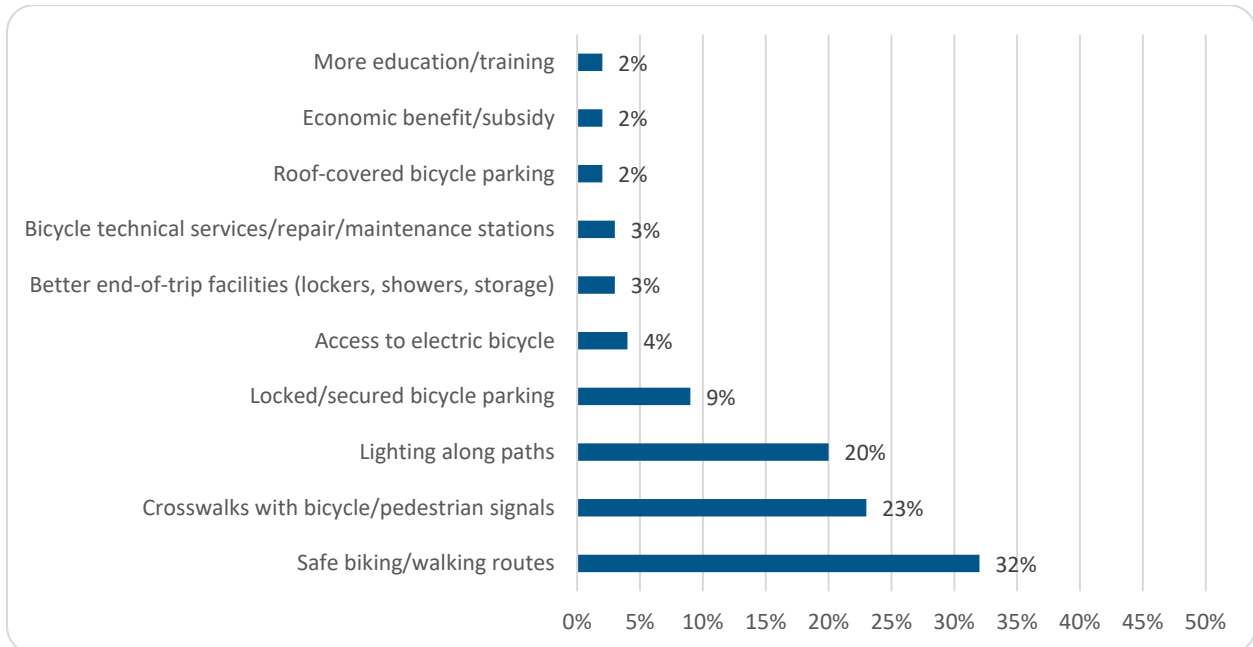


Figure 12. Which of the following amenities would encourage you to bike or walk? (Select all that apply)

### Screen 3: Mapping Improvements Where You and Bike

The third screen asked participants to drag and drop pins to mark locations where they generally start walking or biking and where their destinations are for those trips. Participants also marked areas where challenges for biking and walking exist or improvements they would like to see.

A total of 1485 pins were placed on the map and over 750 comments were provided. Table 1 shows the number of pins that were placed for each type of marker, and the comments collected can be found in Appendix A. Maps showing the results of the data are shown in Figures 14 – 17. The majority of trip start locations were noted as the participants’ home location, and the majority of end destinations were categorized as for recreation. For “Places You Want To Go” the most popular option was “recreation” followed by “shopping.”

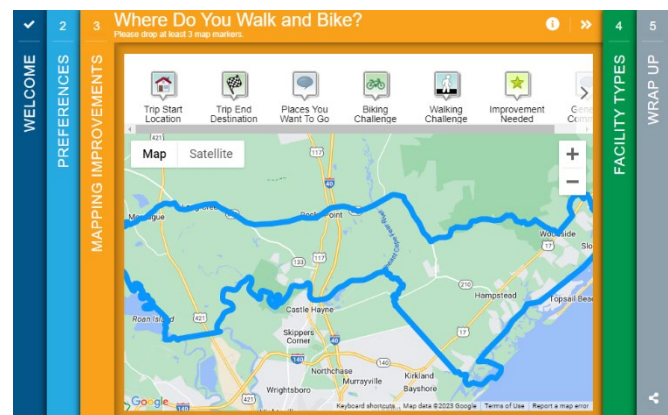


Figure 13. Mapping improvements- Where Do You Bike and Walk?

Table 1. Number of Pins Placed on Survey Map

Type of Marker	Number of pins placed
Trip Start Location	283
Trip End Destination	274
Places You Want To Go	370
Biking Challenge	154
Walking Challenge	174
Improvement Needed	186
General Comment	43

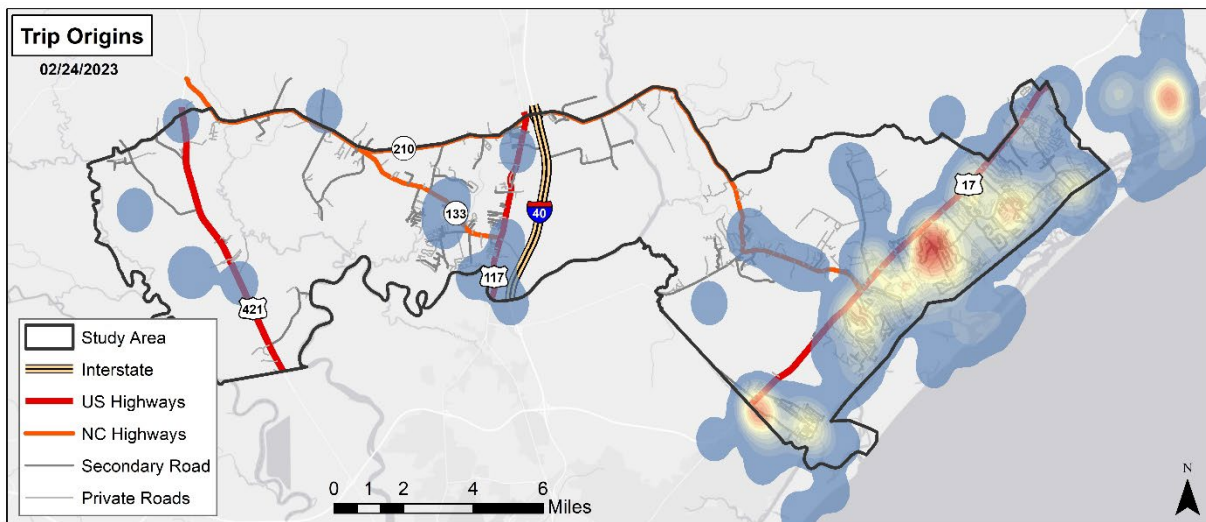


Figure 14. Map Results of pins placed for "Trip Start Location"

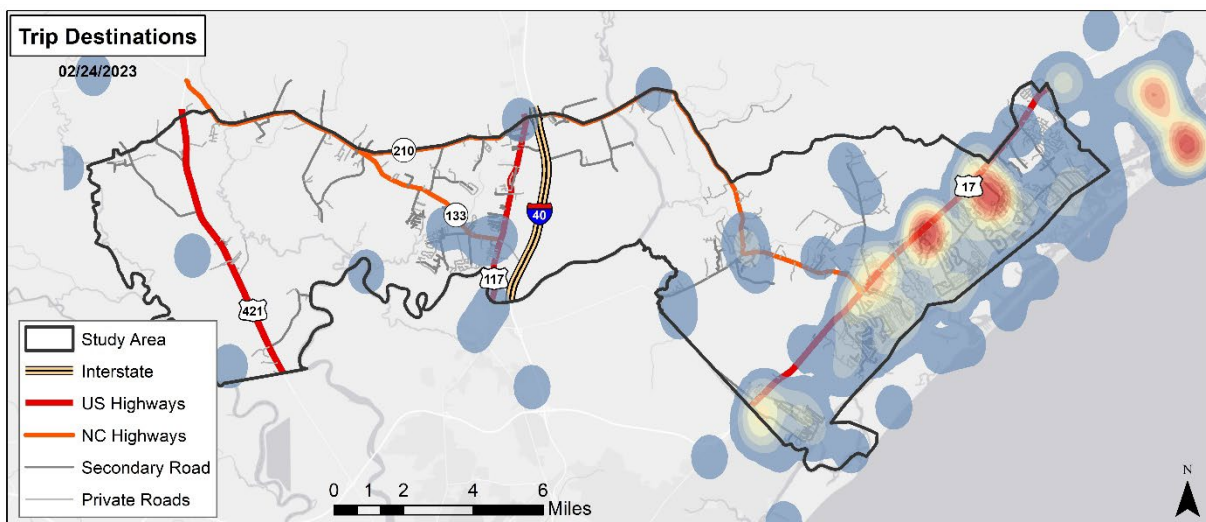


Figure 15. Map Results of pins placed for "Trip End Destinations"



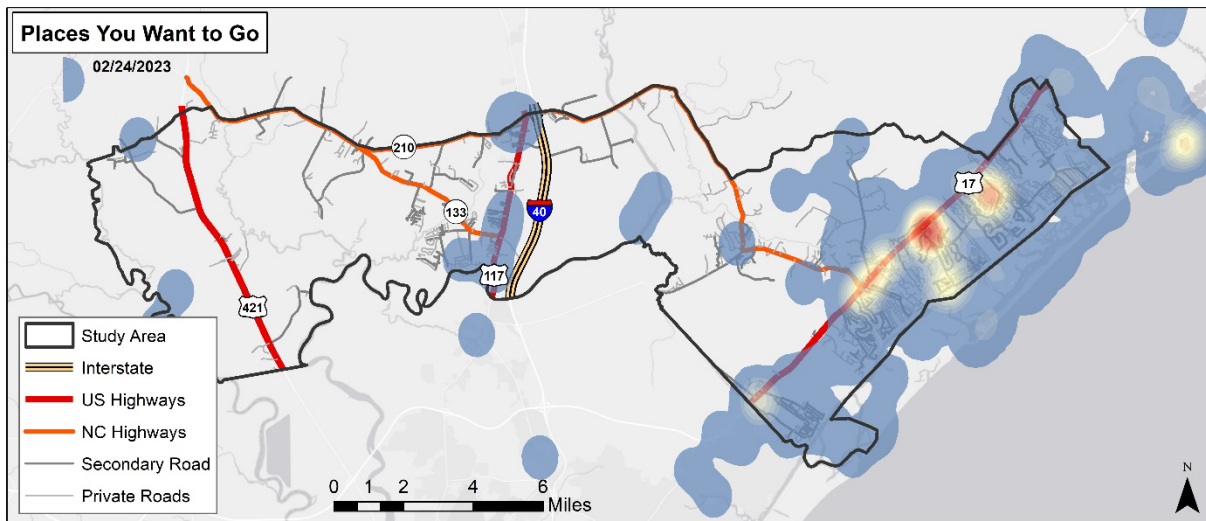


Figure 16. Map Results of pins placed for "Places You Want To Go"

When participants selected a pin for "Improvement Needed" the majority of markers were for "adding pedestrian infrastructure" followed closely by "Add bike infrastructure." Pins were also placed for "improve safety conditions" as shown in Figure 17.

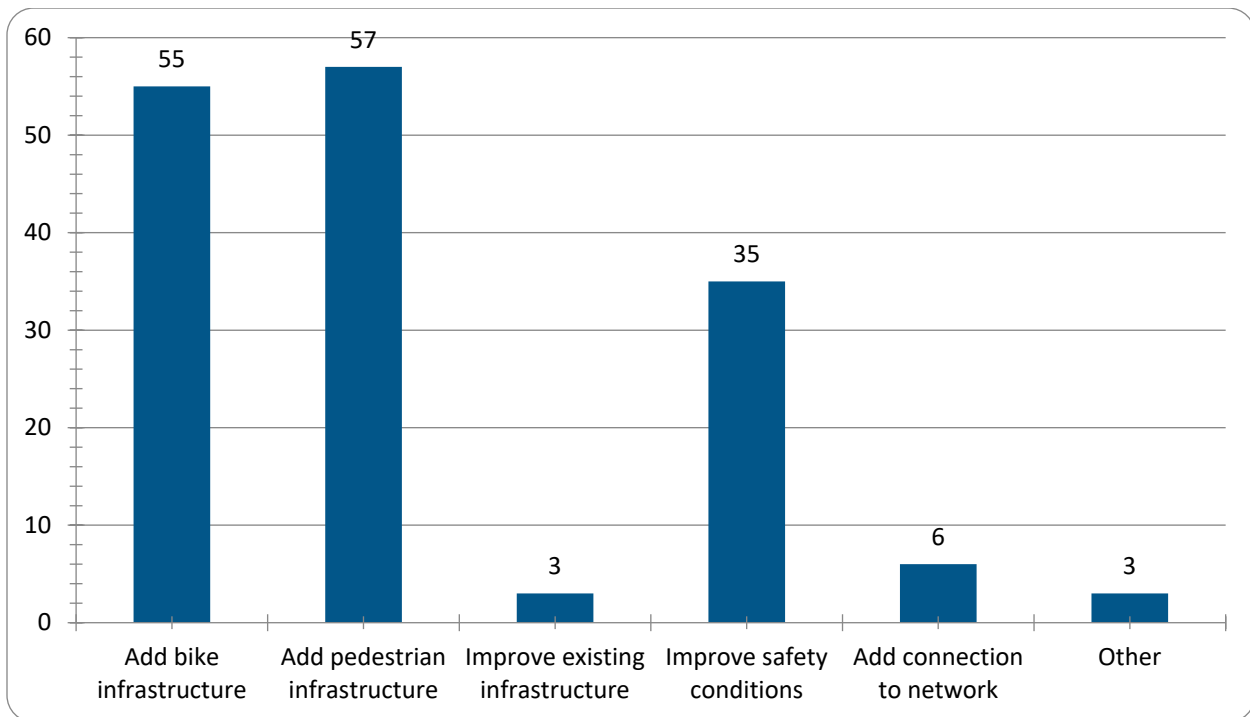


Figure 17. Result of pins placed for "Improvements Needed"

**Screen 4: Facility Preferences**

The fourth screen asked participants to consider their comfort level using different types of bike and pedestrian facilities. For each facility, a description and image were included to help inform the participant about the facility type. There are six bike facilities included (greenway trail, buffered bike lane, bike lane, wide shoulder, shared lane, and shared lane marking or sharrow) and six pedestrian facilities included (sidewalk, side path, shared-use path, greenway trail, unimproved trail, and wide shoulder). Participants could rate how comfortable they feel about each facility type on a scale from very uncomfortable, uncomfortable, neutral, comfortable, to very comfortable. Participants could also optionally provide comments on each facility type.

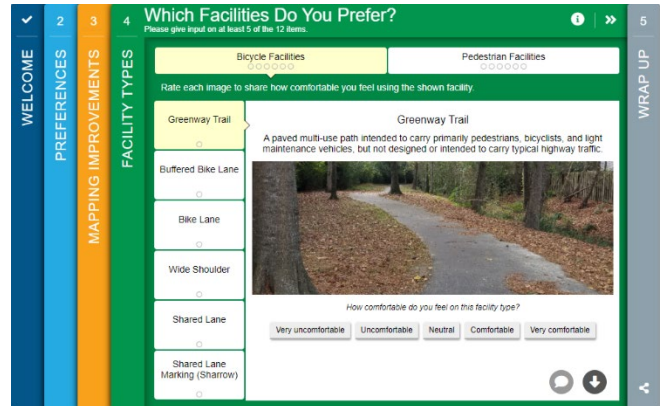


Figure 18. Facility Preferences screen- Which Facilities Do You Prefer?

The comfort levels have been placed on a scale from 1-5. The closer to 5, the more confident the participant is about using the facility. The table below shows the comfortability scale used to demonstrate the results.

Very Uncomfortable	Uncomfortable	Neutral	Comfortable	Very Comfortable
1	2	3	4	5

The results in Figure 19 show the participants' comfort ratings for using bike facilities. The responses shown include only the participants who responded to the second screen question about biking confidence levels. Greenway has the highest comfortability rating across confidence levels. Participants who rated themselves strong and fearless, had the highest comfortability rating of all facility types. Shared lane had the lowest comfortability rating across all confidence levels.

Participants had the option to leave comments on the facility types. The common themes on the greenway comments include having a well-maintained facility that is clear of debris, and concerns about golf carts as an added hazard (six comments). Comments left on the Buffered Bike Lane facility included concerns about drivers not paying attention to bikers, having a speed limit of 35 mph or less, and educating motorists (13 comments). Participants who left comments on Bike Lane said it was not ideal for families and are concerned about motorists not paying attention as well as cars parking in the bike lanes (10 comments). For the buffered bike lane and bike lane, participants noted that it depends on the road used. Wide shoulder and shared lane both had the largest number of comments of all the bike facilities. These comments were about safety and the potential for accidents (nine Wide Shoulder comments) (11 Shared Lane comments). Shared lane marking had similar comments as the wide shoulder and shared lane with notes that the marked lanes will not alleviate their safety concerns (6 comments).

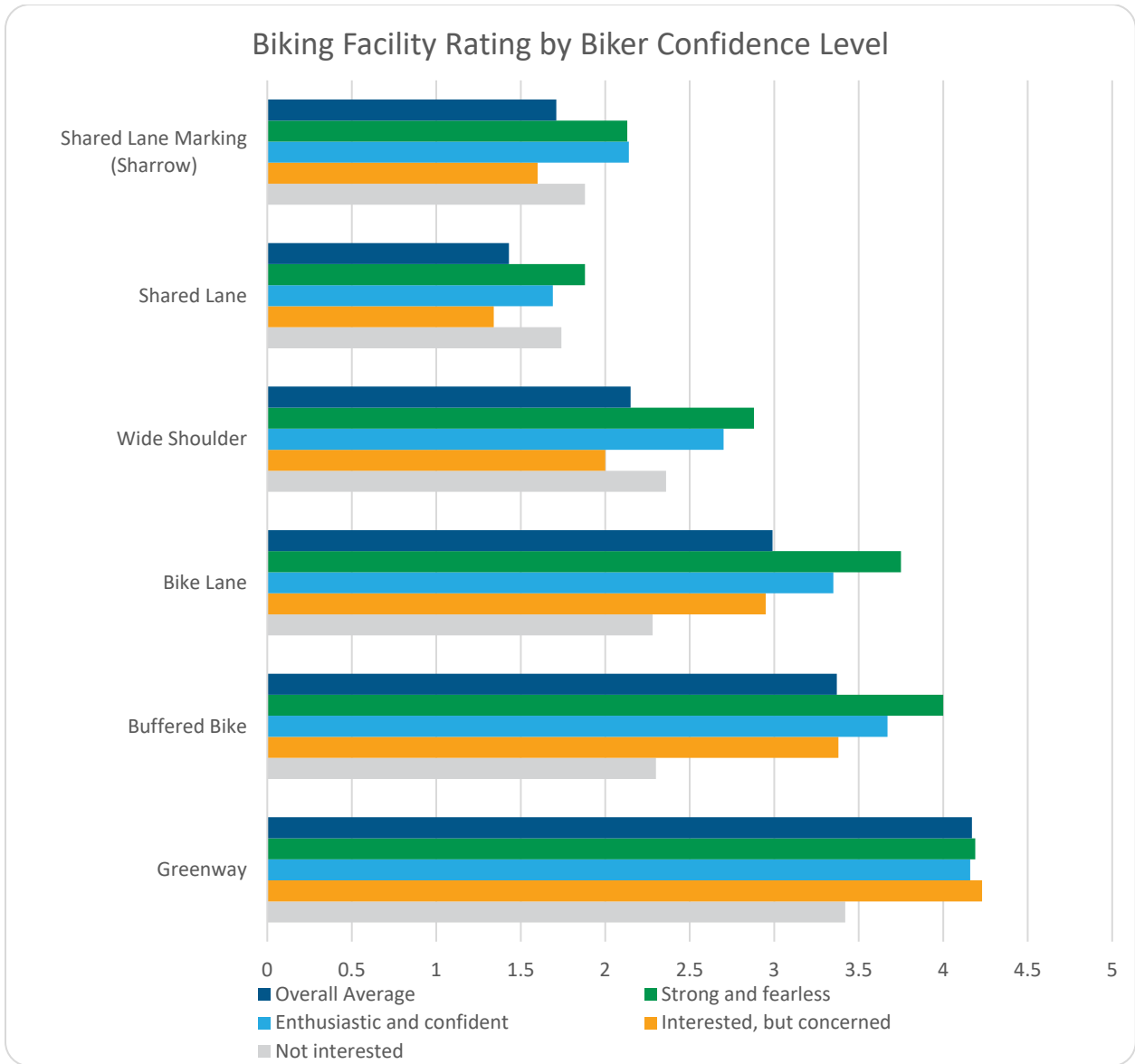


Figure 19. Bicycle Facilities: How comfortable do you feel on this facility type?

## Survey Results

Figure 20 shows the participants' comfort ratings for using pedestrian facilities. The responses shown include only the participants who responded to the question on the second screen about walking confidence levels. Similar to the bike facility rating, greenway had the highest comfort rating among pedestrians across all confidence levels. The pedestrian facility with the lowest comfortability rating is wide shoulders. Participants could also leave comments on the biking facility ratings. There were fewer comments left on the pedestrian facilities than the biking facilities. Participants who left comments on the sidewalk were concerned about not having a raised curb with higher speed limits on the side streets and concerned about kids and inattentive motorists (two comments). The side path comments mentioned that side paths provide a large safe space and are the best solution for walkers (two comments). The comment themes on the share-use path include concerns about the interaction between all road users. One comment mentioned considering the use of electric bikes. Participants who left comments on the greenway were concerned about lighting on the paths and mixing bikers, walkers, and other traffic (two comments). The unimproved trail received comments concerning cameras at the entrance on the rails, trail markings, rattlesnakes, and that the unimproved trail would not improve pedestrian commuting (six comments). The participants who left comments on the wide shoulder were all concerned for the potential for accidents (six comments).

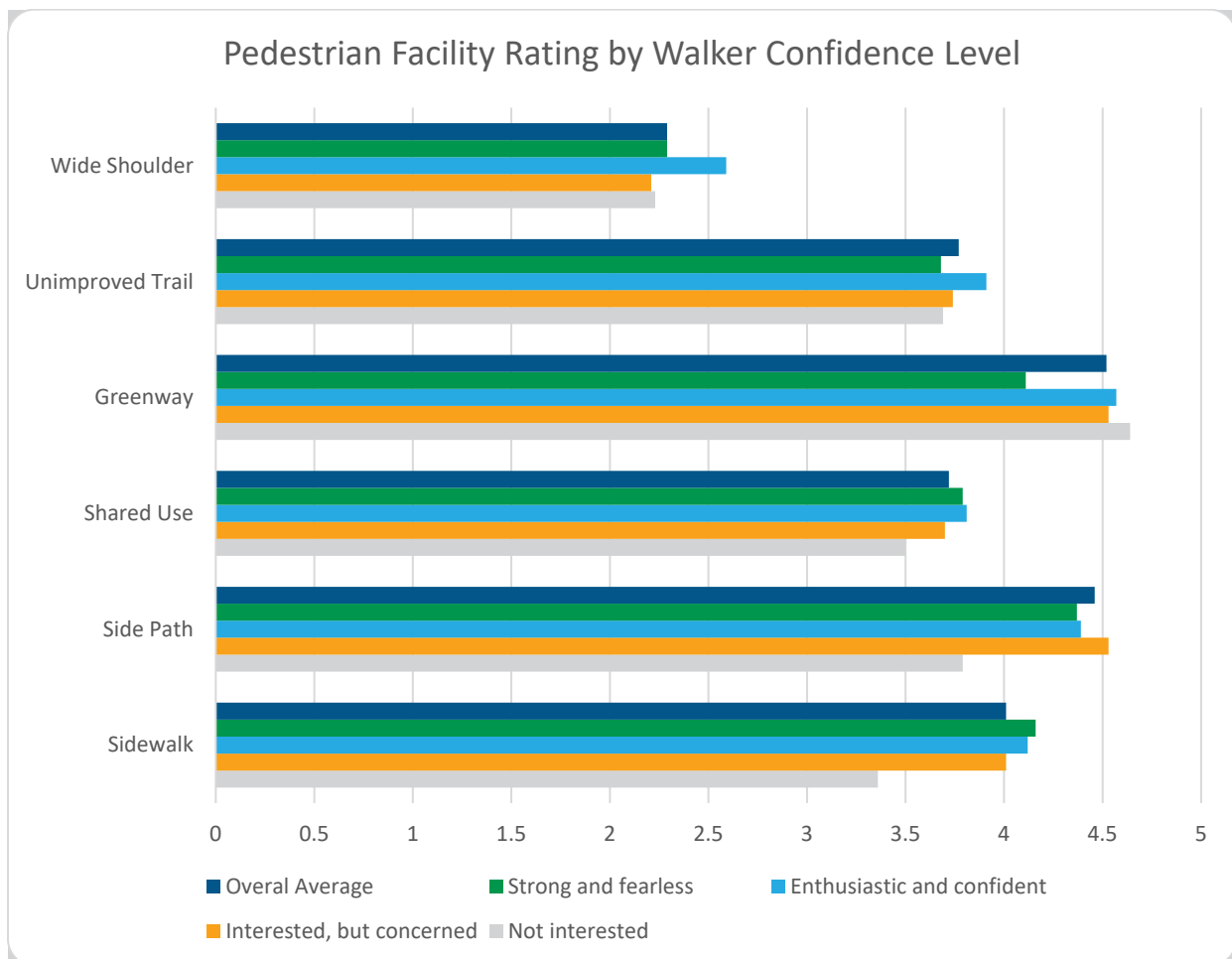


Figure 20. Pedestrian Facilities: How comfortable do you feel on this facility type?

Screen 5: Demographics

The final screen gave the respondents the option to provide their demographics, share the survey on social media, and visit the project website. The following figures show the results for each of the demographic questions.

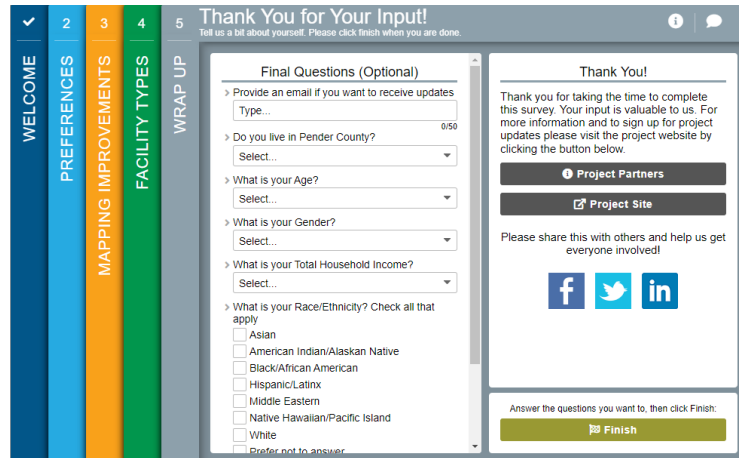


Figure 21. Wrap Up screen- Tell us a bit about yourself.

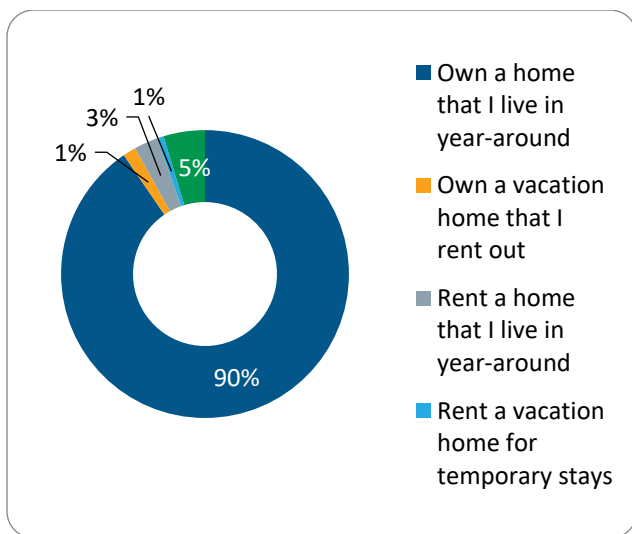


Figure 22. Do you live in Pender County?

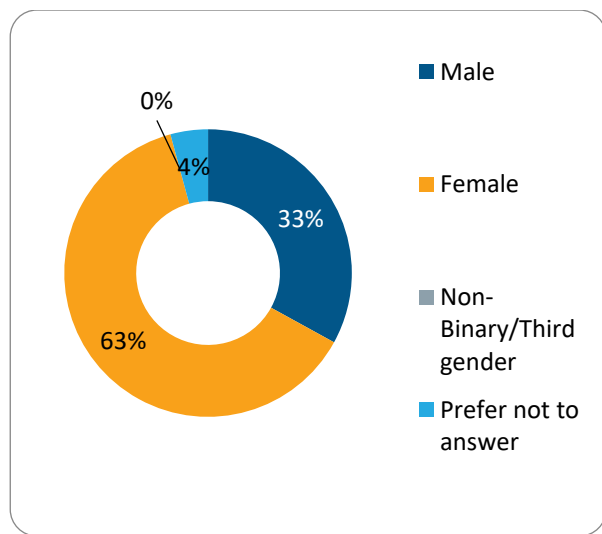


Figure 23. What is your Gender?

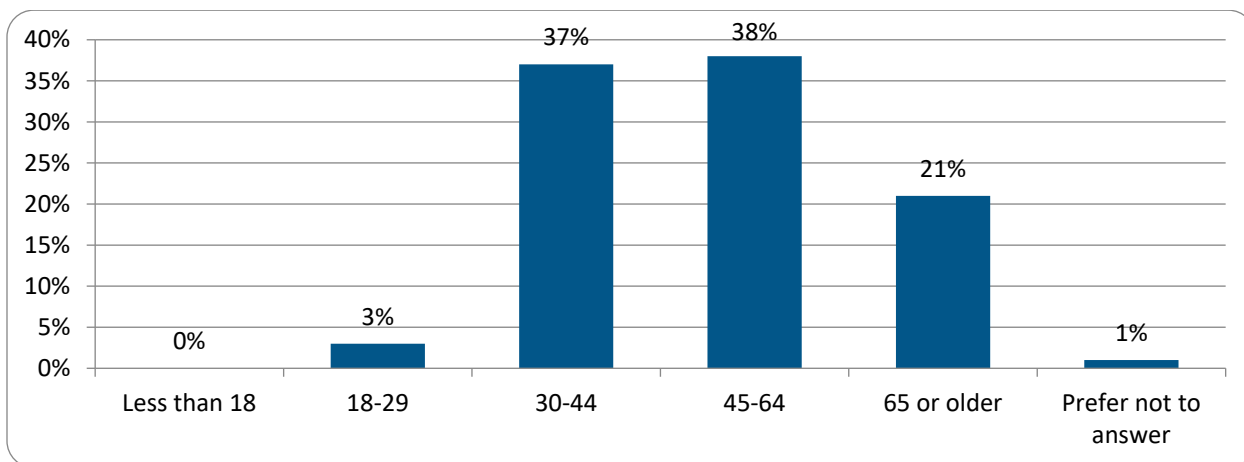


Figure 24. What is your Age?

## Survey Results

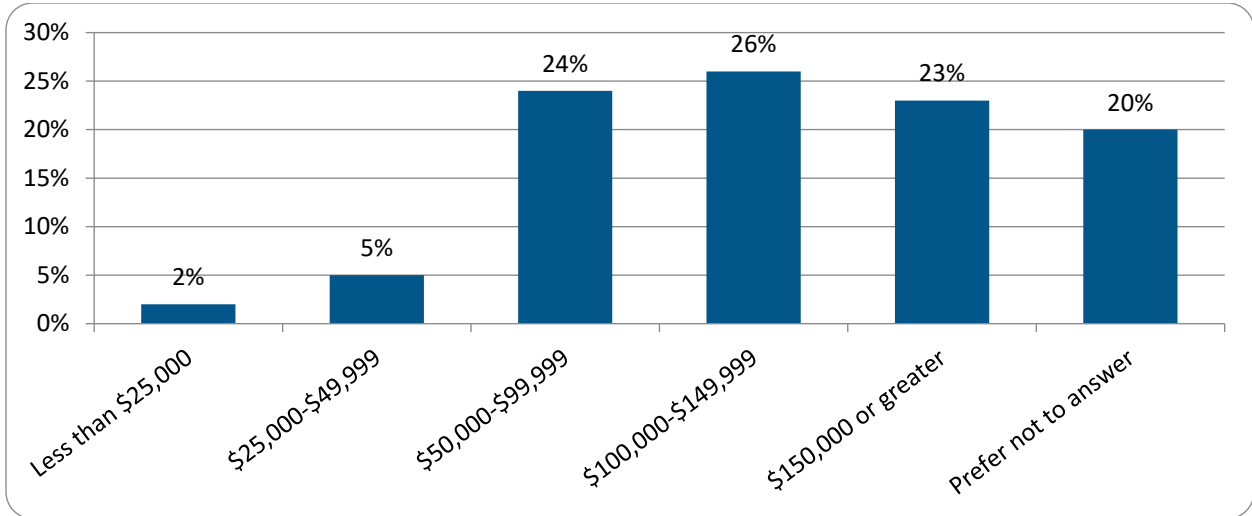


Figure 25. What is your total household income?

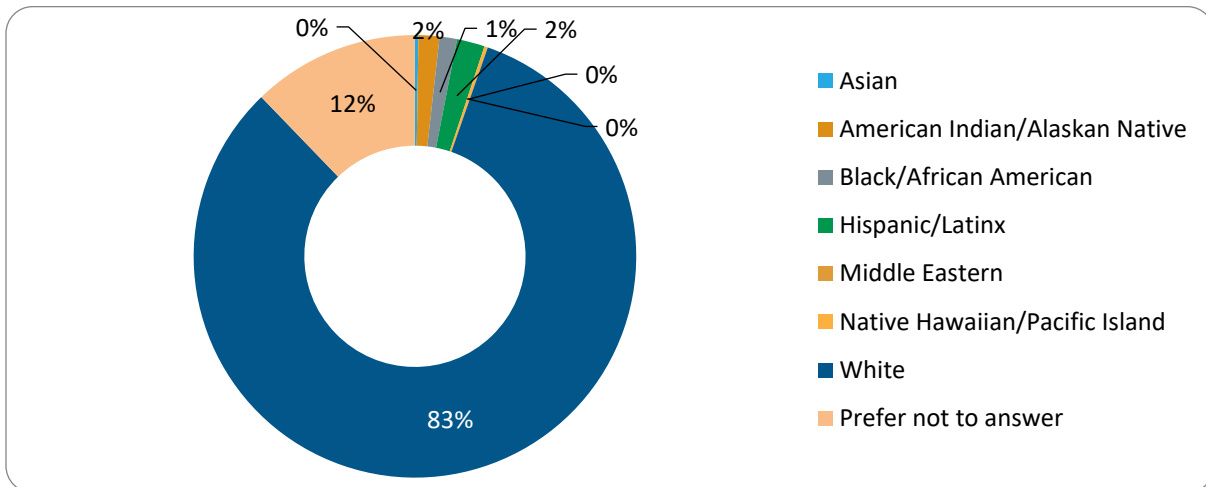


Figure 26. What is your Race/Ethnicity? Check all that apply.

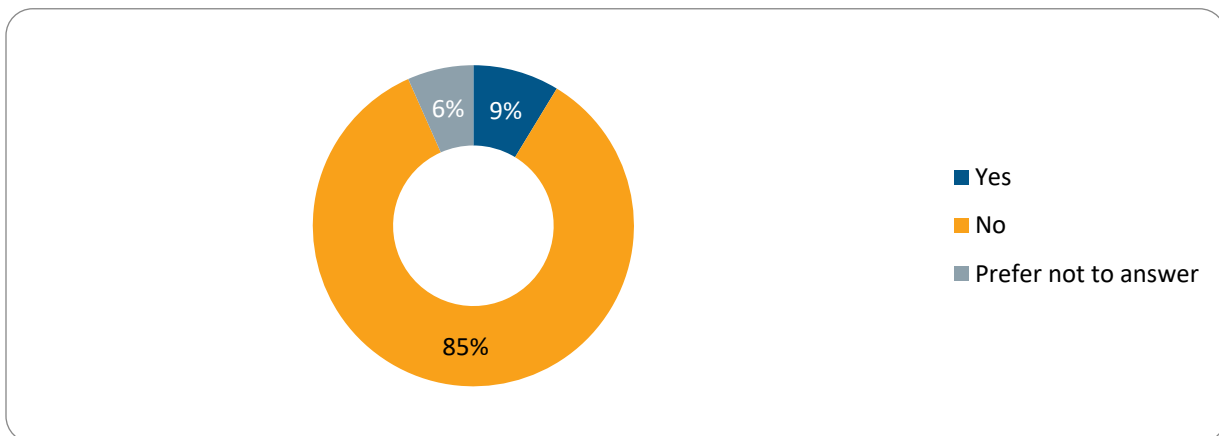


Figure 27. Do you have a Disability?

## Survey Results

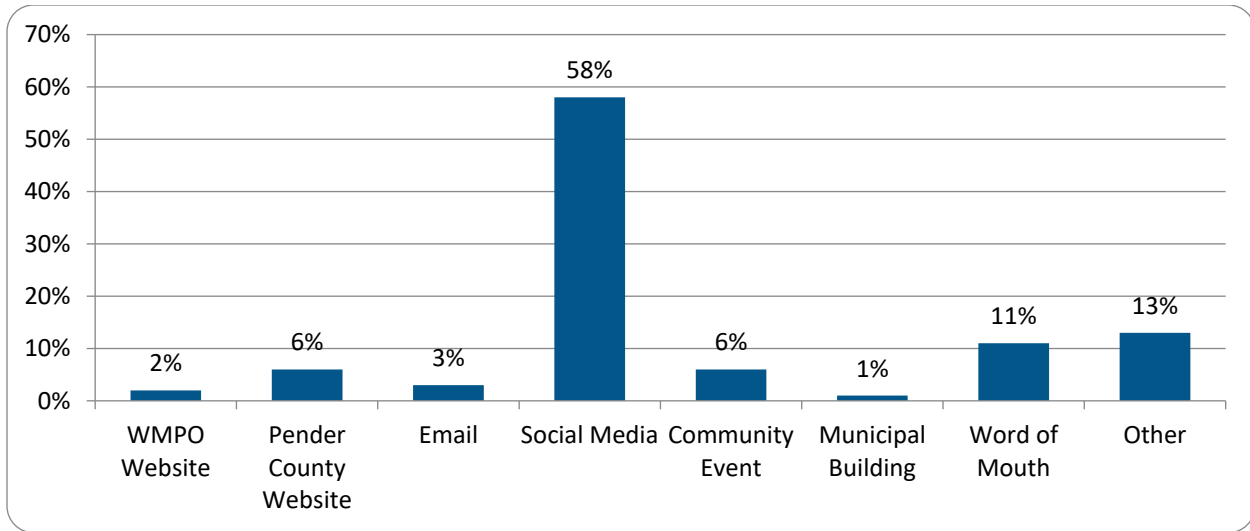


Figure 28. How did you hear about this survey?

## Appendix A. Mapping Screen Comments

Please note comments have not been edited to fix spelling or grammar.

Marker Type	Comment
Biking Challenge	Traffic. I am not confident in using the bike lane.
Walking Challenge	Too dangerous
Biking Challenge	Too dangerous
Walking Challenge	Need paths
Walking Challenge	Lack of sidewalks
Biking Challenge	No safe bike lanes
Improvement Needed	Improve / install wider bike lane / road shoulder along Hwy 133
Improvement Needed	Add bike lane or widen road shoulder along Hwy 210
Improvement Needed	Develop the abandoned rail corridor into a multi-use trail between Castle Hayne and Burgaw.
Improvement Needed	Add bike lane or widen road shoulder on Hwy 210
Improvement Needed	Add bike lane or widen road shoulder on Sidbury Rd
Improvement Needed	Utilize route as proposed by Cape Fear Council of Governments to connect to the East Coast Greenway
Improvement Needed	Add bike lanes or widen road shoulders
General Comment	Develop the abandoned rail corridor between Castle Hayne & Burgaw into a multi-use path.
Walking Challenge	No bike lane or storage
Biking Challenge	Lots of redneck drivers, no bike lanes, drivers are hostile towards bikers
Walking Challenge	No sidewalks other than on Anderson, drivers speed and do not pay attention, narrow roads and not enough enforcement of dangerous driving
Improvement Needed	Need bike lanes and signs, enforcement against aggressive and hostile car drivers who target bikes (eg Coal Rolling)

## Survey Results

<b>General Comment</b>	17 is no man's land if you are not in a car. It is extremely dangerous to bike or walk on this stretch of road in Pender County-- 210 is the same way.
<b>Walking Challenge</b>	marked path
<b>Biking Challenge</b>	Sloop point loop does not have sidewalk or path
<b>Walking Challenge</b>	Sloop point loop does not have sidewalks or path
<b>General Comment</b>	A turning lane is needed for this section of road from millers pond park to pauls place. Many who live in this stretch have to wait PARKED ON THE HIGHWAY waiting to turn left onto their road bc of the long line of traffic blocking them from turning... due to the housing developments down hwy 133 past Pauls Place. All that traffic is coming and going into and out of wilmington via castle hayne exit to I40. Its very dangerous, lots of wrecks happen in this area.
<b>Biking Challenge</b>	no room for bike
<b>Walking Challenge</b>	no room to walk
<b>Walking Challenge</b>	It feels unsafe bc it is set back in the woods without cameras. People have been living here, dropped off dead here, and a suspicious bomb looking thing was detonated here. Please put some cameras up along the trail, near the shelter, and parking lot. Get a patrol car to visit the area more frequently. It's a nice, wooded trail but we need to be and feel safe while using it.
<b>Improvement Needed</b>	Cameras please
<b>Improvement Needed</b>	Make a sidewalk along hwy 117 to the intersection of hwy 210 & hwy 117
<b>Walking Challenge</b>	No shoulder
<b>Biking Challenge</b>	Traffic
<b>Biking Challenge</b>	Country club rd is a challenge for drivers, walkers and riders. Narrow with no room to miss.
<b>Walking Challenge</b>	Busy fast rd.
<b>General Comment</b>	Find a way to connect similarly to that done at Kiwanis, NTElementary and Plantation Point/azalea rd. It's a beautiful bike path. A wonderful example
<b>Walking Challenge</b>	car traffic
<b>Biking Challenge</b>	Hwy 17 is unsafe to bike along
<b>Walking Challenge</b>	Hwy 17 has almost no sidewalks and is therefore unsafe to walk along.
<b>Improvement Needed</b>	All listed above applies to this area
<b>Biking Challenge</b>	Route 17 is the major way to get from Hampstead to anywhere else and route 17 is NOT a good option for biking therefore I stay close to home
<b>Improvement Needed</b>	This area is just not biker or walker friendly. Eventually Hampstead will have more stores and restaurants and I be want to be able to bike to those locations
<b>General Comment</b>	Preferably do not construct bike paths immediately next to route 17, there are more pleasant places
<b>Biking Challenge</b>	Bloodworth Curve is dangerous period. Cars or bicycles. Traffic on this thoroughfare is heavy
<b>Improvement Needed</b>	Lighting along pedestrian trail
<b>Walking Challenge</b>	with the exception of the nature conservancy, I haven't found interesting safe walks in Hampstead
<b>Biking Challenge</b>	I don't feel safe on most roads. Need bike lines and/or multiuse trails
<b>Biking Challenge</b>	Scotts hill loop road dangerous for biking
<b>Walking Challenge</b>	Scotts hill loop road dangerous for walking
<b>Improvement Needed</b>	Scotts hill loop road perfect for a walking and biking trail.



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<b>Walking Challenge</b>	Need some sidewalks and crosswalks at traffic lights in commercial stretch of Hampstead so we can walk or bike the area rather than have to drive.
<b>Walking Challenge</b>	No crosswalk to get to the other side. No sidewalks you have to walk on uneven terrain risking injury. It's a very busy street and currently unsafe for pedestrians or bicyclists. Shame on the county for not considering the residents needs and safety.
<b>Walking Challenge</b>	No walking path or bike lane on Scott's hill loop road
<b>Improvement Needed</b>	No walk or bike path on Scott's Hill Loop road
<b>Improvement Needed</b>	Sidewalks,bike paths
<b>Walking Challenge</b>	Safe sidewalks
<b>General Comment</b>	Need safe sidewalks for walking,jogging,biking. Very popular area to do these things but very unsafe due to winding rd and traffic.
<b>Biking Challenge</b>	Insane to walk or ride along 17. No bike/walking lanes. No traffic control.
<b>Walking Challenge</b>	No sidewalks/ bike lanes. Excessive traffic due to uncontrolled growth with no increase in infrastructure (along country club, sloop point, sloop point loop)
<b>Improvement Needed</b>	Scotts Hill Loop Rd needs bike/walking paths throughout the entire area, connections to Porter's Nevk would be great!
<b>Walking Challenge</b>	Nearly impossible to walk safely along the loop rd or any of the side roads.
<b>Biking Challenge</b>	Not safe to bike on the Loop Rd and on many of the side streets.
<b>Walking Challenge</b>	Must drive to a park with walking pathways due to lack of sidewalks. Walking along Country Club Drive is very dangerous due to increasingly heavy traffic.
<b>Walking Challenge</b>	Lack of sidewalks increasingly heavy traffic.
<b>Biking Challenge</b>	Narrow road with lots of curves. Would be a beautiful area to bike but it's pretty dangerous feeling.
<b>Walking Challenge</b>	Narrow road, lots of curves
<b>Improvement Needed</b>	sidewalks around Scott's Hill Loop.
<b>Walking Challenge</b>	little shoulder and no sidewalk - dangerous to walk and ride.
<b>Improvement Needed</b>	Sidewalks in the Scott Hill area would be wonderful!
<b>Walking Challenge</b>	No sidewalks and traffic
<b>Biking Challenge</b>	No sidewalks or bike paths and traffic
<b>Biking Challenge</b>	To much traffic and at a high speed.
<b>Walking Challenge</b>	Along HWY 17, there is to much traffic and the traffic is at a high speed.
<b>Improvement Needed</b>	Currently you have to ride your bike on the shoulder of HWY 17, very unsafe.
<b>General Comment</b>	All along HWY 17 needs to be improve with a separate path, both for walking and biking. Some areas of HWY 17 have a bike lane, but is not safe nor enjoyable to use. A path 10 to 20 yards from HWY 17 will increase usage and enhance the health benefits of exercising. After the initial cost of paving a biking/walking path, the cost to maintain the path is minimal. Then in the future other paths can be spurred off of the main path.
<b>Walking Challenge</b>	Lack of Sidewalks and Motorists constantly exceeding posted Speed Limit of 45 MPH... Lack of law enforcement patrolling in this area to ticket violators. (NOTE: Given the frequency and number of motorists who speed through Scotts Hill, the fines could be a significant contribution toward funding the cost of bike lanes and sidewalks...)
<b>Biking Challenge</b>	Lack of Bike Lanes and Motorists constantly exceeding posted Speed Limit of 45 MPH... Lack of law enforcement patrolling in this area to ticket violators... (Note: Given the frequency and number of motorists who speed through Scotts Hill, the

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	fines could be a significant contribution toward funding the cost of bike lanes and sidewalks...)
<b>Improvement Needed</b>	Addresses Safety concerns
<b>General Comment</b>	Motorists constantly exceed posted Speed Limit of 45 MPH and enforcement of speed limit is lacking --- Huge Safety Concern... (Note: Given the frequency and number of motorists who speed through Scotts Hill, the fines could be a significant contribution toward funding the cost of bike lanes and sidewalks...)
<b>Improvement Needed</b>	Unsafe conditions due to hills and speeding motorists
<b>Biking Challenge</b>	No bike lanes
<b>Improvement Needed</b>	Scotts Hill Loop is dangerous to bike on because of speed limit and no bike lane. 5mile loop road would be awesome to bike on with bike lane.
<b>Walking Challenge</b>	No path
<b>Biking Challenge</b>	No shoulder on road, fast drivers, no sidewalk or bike path. Not safe for our children to walk along or bike on any part of the loop, which is a beautiful area with views of wetlands / nature.
<b>Walking Challenge</b>	No shoulder on road, fast drivers, no sidewalk or bike path. Not safe for our children to walk along or bike on any part of the loop, which is a beautiful area with views of wetlands / nature.
<b>Improvement Needed</b>	Wider shoulders at a minimum, but a walking or bike path would be preferred. Not currently safe for biking or walking so we don't do either with our kids. I get surprised by both joggers and cyclists, especially at dusk / dawn, when driving. If cars are coming in both directions, there is no room for vehicles to get out of way, and pedestrians and cyclists are forced off into the grass. Just not a safe road to walk or cycle with all the turns and narrow road.
<b>Biking Challenge</b>	Path or sidewalk Scott's hill loop rd
<b>Walking Challenge</b>	Path sidewalk Scott's hill loop road
<b>General Comment</b>	This road is dangerous to bike or walk due to traffic
<b>Biking Challenge</b>	to much traffic and traveling at a high rate of speed
<b>Walking Challenge</b>	I feel unsafe walking on the side of an highway.
<b>Improvement Needed</b>	A bike/ walking path will greatly enhance this area.
<b>General Comment</b>	a separate path for walking and cycling is the safest and best option.
<b>Improvement Needed</b>	This road has dangerous curves and no where to bike or walk
<b>Biking Challenge</b>	The whole island needs work on safe bike and walk patha
<b>Improvement Needed</b>	Very hard to get from island to mainland on bike. Only one narrow walk path. Very dangerous in dark with excessive tourist traffic
<b>Biking Challenge</b>	Need a safe way to get to Porters Neck Shopping Area from here. Heavy traffic on Hwy 17
<b>Biking Challenge</b>	Ned a bike lane on Country Club Rd. Traffic has become very heavy as this area gets developed.
<b>Biking Challenge</b>	Sidewalks or a Multiple Use Trail are needed in downtown Hampstead. Traffic is very heavy and there are lots of shops, stores and schools that could be accessed by bike or walking
<b>Biking Challenge</b>	Land use, dangerous vehicle use inside gamelands
<b>Biking Challenge</b>	Only way out of Wilmington, no cycle path and extremely dangerous intersections and no dedicated lanes
<b>Biking Challenge</b>	Use of 210 is part of many cycling routes but this side is unsafe, no shoulder and demarcation, signage and dangerous driving

## Survey Results

<b>Biking Challenge</b>	No bike path
<b>Walking Challenge</b>	No walking path for recreation
<b>Biking Challenge</b>	Too narrow. No shoulder. Very unsafe and unenjoyable.
<b>Walking Challenge</b>	The entire county lacks walking and biking infrastructure. Improvements are desperately needed.
<b>Improvement Needed</b>	A bike path to the beach would be wonderful.
<b>General Comment</b>	The entire county needs pedestrian and bicycle infrastructure.
<b>Biking Challenge</b>	High speed motor vehicle traffic
<b>Improvement Needed</b>	Need overall education of drivers/riders/walkers . Also need traffic law enforcement
<b>Improvement Needed</b>	There is no shoulder on hwy 17 in Hampstead making for dangerous riding
<b>Biking Challenge</b>	Country club is a backbone of group rides in area but difficult to navigate at time as a single rider
<b>Improvement Needed</b>	Restrooms and water station needed
<b>Improvement Needed</b>	Restroom and water station needed
<b>Biking Challenge</b>	No sidewalks
<b>Walking Challenge</b>	No sidewalks.
<b>General Comment</b>	Many residential houses being built (no sidewalks) and many young, active families moving into the area. We need more safe ways (sidewalks everywhere and crosswalks) to get out and stay active with kids and dogs. There are too many wrecks and accidents daily so it doesn't feel safe walking or biking on the street with the family.
<b>Walking Challenge</b>	Crossing road
<b>Biking Challenge</b>	THE BIKE LANE IS PART OF THE ROAD, HWY 17.
<b>Improvement Needed</b>	HAVE THE BATH OFF THE ROADWAY
<b>General Comment</b>	HAVING SAFE PATHS BOTH FOR WALKING AND BIKE RIDING PROMOTES A HEALTHY AND INVITING COMMUNITY, IN WHICH THE BENEFITS CAN NOT BE CALCULATED.
<b>Biking Challenge</b>	Not enough paths
<b>Walking Challenge</b>	no sidewalks
<b>Biking Challenge</b>	no sidewalks
<b>Walking Challenge</b>	No crosswalk, even though there is an elementary and sidewalk across the street.
<b>Walking Challenge</b>	Dangerous intersection for vehicles and pedestrians.
<b>Biking Challenge</b>	Dangerous intersection for vehicles and pedestrians.
<b>Walking Challenge</b>	No public sidewalk outside of Kiwanis park. This prevents walking pets because Kiwanis doesn't allow pets.
<b>Walking Challenge</b>	No public sidewalk outside of Kiwanis park. This prevents walking to the BP which is a popular walking destination for young teens, teens, and some adults.
<b>Walking Challenge</b>	Dangerous intersection for pedestrians, especially children and young teens.
<b>Walking Challenge</b>	No lighting, very dark at night.
<b>Walking Challenge</b>	No public sidewalk outside of Kiwanis park. This prevents walking to the Iron Clad which is a popular walking destination for young teens, teens, and adults.
<b>Walking Challenge</b>	All of Country Club should have sidewalks all the way to Topsail High/Middle/Elementary Schools. Kids walk to school and it is very dangerous.
<b>Walking Challenge</b>	All of Sloop Point would benefit from having sidewalks.
<b>Biking Challenge</b>	no shoulder and high speed traffic

## Survey Results

<b>Improvement Needed</b>	build it and they will come- look at Pinellas county FL bike paths- amazing- we don't want to be pissing off drivers on the road- we would prefer a safe way to ride
<b>Improvement Needed</b>	road shoulder improvement/ bike lanes
<b>General Comment</b>	It is too dangerous to bike or walk on any of the roads in Hampstead. Bike lanes or designated paths are so needed.
<b>Biking Challenge</b>	Pine Straw & Sand need off-road bike
<b>Biking Challenge</b>	45 miles per hour. No bike path or shoulder to ride. Lots of kids in neighborhoods and it can be dangerous to cross Hoover Rd near Sparrows Bend
<b>Biking Challenge</b>	Can be dangerous to cross 17
<b>Biking Challenge</b>	Hoover Rd speed limit 45 and no bike/ walking path.
<b>Walking Challenge</b>	Zero sidewalks to school
<b>Biking Challenge</b>	Dangerous road for bikes
<b>General Comment</b>	There's nothing about this area of Pender that's good for biking or walking. It's part bad land use and part bad planning.
<b>Biking Challenge</b>	Roland Avenue, high speed, dangerous shoulder
<b>Biking Challenge</b>	17. High speed, no shoulder crazy to try to ride here
<b>Improvement Needed</b>	no shoulder
<b>Biking Challenge</b>	High speed, no shoulder
<b>Improvement Needed</b>	Please add separated cycling infrastructure. Being swerved at or nearly hit is terrifying.
<b>Improvement Needed</b>	Please add separated cycling infrastructure. Being swerved at or nearly hit is terrifying.
<b>Biking Challenge</b>	Car traffic on Country club is too dangerous for families to ride on safely
<b>General Comment</b>	Sooed bumps would go a LONG way toward making the road safer and would be much less expensive than multiuse paths or sidewalks. Drivers don't obey the speed limit.
<b>Biking Challenge</b>	Something of a blind curve and drivers travel too fast and need to slow down.
<b>Walking Challenge</b>	Would like to be able to safely walk to Kiwanis Park
<b>Improvement Needed</b>	This whole area (Country Club Road and tributary roads) is unsafe to bike or walk. It's unsafe to even walk a quarter mile to Lowes Foods.
<b>Biking Challenge</b>	Speed on Country Club is too dangerous ... a bike path is needed for safety! (35-45 mph)
<b>Biking Challenge</b>	This is a dangerous road to ride a bike due to 35-45 mph, but an important pathway to lots of safe neighborhoods.
<b>Biking Challenge</b>	Narrow Road
<b>Walking Challenge</b>	Narrow Road
<b>Improvement Needed</b>	Narrow Road
<b>Biking Challenge</b>	Country Club Rd is very dangerous to ride a bike because there is no shoulder and has a lot of bends
<b>Walking Challenge</b>	Sidewalks would make safer
<b>General Comment</b>	I prefer not to have any updates constructed. The neighborhoods we currently live in do not need additional traffic from individuals that do not live in them and do not pay the dues.
<b>Walking Challenge</b>	There are no paths to ride or walk. There are narrow roadways with zooming cars and not where for a bike or human to fit. Very dangerous.

## Survey Results

<b>Biking Challenge</b>	Absolutely no roadway to ride on in our area. No paths and dangerous because roads are narrow with no room for a bike on the edge of the road.
<b>General Comment</b>	Anywhere & everywhere needs improvements. Its so scary & dangerous. Speeding,high volume traffic w/narrow or inconvenient walking/biking paths.
<b>Improvement Needed</b>	Bike paths along RT 210 and Rt 210, in and around Surf City. Riding on these roads without shoulders is treacherous.
<b>Improvement Needed</b>	Need bike/walk path/trail along highway 50 between Holly Ridge and Surf City
<b>General Comment</b>	Waterfront boardwalks or marshside boardwalks would be great
<b>Improvement Needed</b>	We need sidewalks!
<b>Biking Challenge</b>	Route 17 is too dangerous for the recreational biker
<b>Improvement Needed</b>	Bike / walking paths that allow for alternatives to driving everywhere.
<b>Walking Challenge</b>	Walking / biking across US 17 to schools
<b>Biking Challenge</b>	No room
<b>Biking Challenge</b>	No room
<b>Walking Challenge</b>	not safe for walking
<b>Improvement Needed</b>	Sidewalks & streetlights
<b>Improvement Needed</b>	Sidewalks and streetlights
<b>Walking Challenge</b>	No sidewalks, dangerous roads
<b>Improvement Needed</b>	We need trails throughout Hampstead
<b>Biking Challenge</b>	US 17 traffic and no safe bike paths
<b>Biking Challenge</b>	no safe bike paths separating cars and pedestrians
<b>Biking Challenge</b>	length of ride over congested road.
<b>Improvement Needed</b>	Add saftey construction
<b>Improvement Needed</b>	Crosswalks
<b>Walking Challenge</b>	Heath/fitness
<b>Biking Challenge</b>	Highway 17 traffic and lack of sidewalk or path is an issue.
<b>Biking Challenge</b>	Very unsafe to bike along the 17
<b>Walking Challenge</b>	No place to safely walk
<b>Biking Challenge</b>	No place to safely bike
<b>Walking Challenge</b>	People fly down second street making it very dangerous to bike or walk!
<b>Biking Challenge</b>	Long bike ride
<b>Improvement Needed</b>	Enforced speed limit, stop signs
<b>Walking Challenge</b>	Currently no sidewalks and traffic tends to go too fast for this neighborhood
<b>Walking Challenge</b>	This street is so busy and cars go fast. It's very narrow as well. I'd love to be able to walk to grocery store but don't feel safe becausee of this street with no sidewalks
<b>Walking Challenge</b>	I live in a new neighborhood of second. Cars FLY through second street. There is a curve to the road so it's hard to see people walking / biking.
<b>Biking Challenge</b>	Would love a path along 17 to walk or bike. Currently don't feel safe doing so
<b>Walking Challenge</b>	There are no sidewalks on factory road. It would be nice to have an accessible sidewalk
<b>Walking Challenge</b>	Speeding cars
<b>Improvement Needed</b>	4 way stop sign and speed bump

## Survey Results

<b>Biking Challenge</b>	Speeding cars on second
<b>Walking Challenge</b>	Speeding cars on second
<b>Improvement Needed</b>	4 way stop sign and speed bumps
<b>Improvement Needed</b>	4 way stop sign and speed bumps
<b>Biking Challenge</b>	Would love to bike but the road is too dangerous and there are no crosswalks. This is where I work.
<b>Walking Challenge</b>	no sidewalks
<b>Walking Challenge</b>	no sidewalks
<b>Biking Challenge</b>	Traffic and safety
<b>Walking Challenge</b>	No road lines in some Deerfield community roads. Speeding traffic and very little road shoulders.
<b>Improvement Needed</b>	Abby Foy Nature Preserve allows off leash dog walking despite Pender County leash laws. Off leash dogs always present challenges.
<b>Biking Challenge</b>	No path
<b>Biking Challenge</b>	No path
<b>Biking Challenge</b>	210 from 17 to island
<b>Biking Challenge</b>	17 from sloop point to Wilmington
<b>Biking Challenge</b>	All of sloop point/sloop point loop
<b>Biking Challenge</b>	Country club from sloop point loop to 17
<b>General Comment</b>	Lack of safe passage at this point for bikes or walking. Have to time traffic or risk walking through long grass with potential snakes
<b>Improvement Needed</b>	Drivers are dangerous around cyclists. A bike path near the beach would be ideal-separate from the traffic
<b>Walking Challenge</b>	Walk across the bridge most mornings
<b>Biking Challenge</b>	Will cycle on the gravel roads so I'm away from cars
<b>Improvement Needed</b>	Lighting along this section of sidewalk is needed
<b>Improvement Needed</b>	Bike path that doesn't impede pedestrians or risk putting bikes(including kids) on the highway just to get across the bridge
<b>Walking Challenge</b>	No walking or bike paths to get down this road at all.
<b>Walking Challenge</b>	There are no sidewalks along country club lane. Cars drive by at fast speeds and I don't allow my children to walk or bike along this path.
<b>Biking Challenge</b>	No sidewalks or bike lanes, cars driving fast, unsafe for biking.
<b>Improvement Needed</b>	Kiwanis Park would be a fantastic place to bike to with our kids but there are no bike paths along country club lane. We used to use the boardwalk into the park when we lived in a nearby community, and would love to see some type of biking walking path there from the Olde Pointe communities.
<b>General Comment</b>	In general, Hampstead is not a bike/walking friendly city. Most businesses on Hwy. 17 are only accessible by car. And there are no walking paths to schools either.
<b>Improvement Needed</b>	Needed all throughout 17 in Hampstead
<b>Improvement Needed</b>	Needed all throughout 17 Hampstead
<b>General Comment</b>	Sidewalks and bike paths would be nice along shopping areas to walk from plaza to plaza
<b>General Comment</b>	Need sidewalks all the way down 17
<b>General Comment</b>	A sidewalk from 17 connecting to Kiwanis Park would be beneficial

## Survey Results

<b>General Comment</b>	Tons of neighborhoods on country Club. This road is dark and I've almost hit kids on bikes. This entire road could use a sidewalk since it's convenient to the schools and Kiwanis park
<b>Walking Challenge</b>	No sidewalks, no shoulder, and no lighting
<b>Biking Challenge</b>	No sidewalks and no shoulder to ride or walk on
<b>Walking Challenge</b>	No walking or bike paths
<b>Biking Challenge</b>	Country Club Lane needs a bike lane! Dangerous for biking - high speed cars, no shoulder
<b>Biking Challenge</b>	Need safe crossing at 17 to get to schools
<b>Walking Challenge</b>	Need bike/pedestrian crossing or bridge to the schools for all the neighborhoods south of 17
<b>Improvement Needed</b>	Could there be a side walk off rt 17 from one end of Hampstead to another.
<b>General Comment</b>	Leave open spaces and wooded trails for walking and riding. Country club Rd sidewalks to get to the different neighborhoods in that area.
<b>Biking Challenge</b>	Parking. We have large e-trikes and bikes with fat tires for going on sand and need safe and larger more accommodating parking options.
<b>Biking Challenge</b>	Would like wider sidewalks on both sides of the road to be able to get to businesses and the bridge safely. Afraid it will start getting congested and with e-bikes and trikes getting popular it will make it hard to pass others safely on sidewalks. Want it to where bikes and e-bikes and trikes can continue riding on paths instead of in the dangerous road.
<b>Improvement Needed</b>	Safe Sidewalks on both sides of the road. Safely away from the main road. Ease of access for bikes, e-trikes, e-bikes and bikes with kid carts and walkers to access businesses we want to be able to support.
<b>Walking Challenge</b>	Driving to this location, finding parking.
<b>Biking Challenge</b>	It is not safe to ride on the one mile strip of Hwy 53 from Tealbriar to Downtown Burgaw.
<b>Walking Challenge</b>	It's not safe to walk on Hwy 53 from Tealbriar to downtown Burgaw
<b>Walking Challenge</b>	High traffic with speed limit too high and no bicycle lane
<b>Biking Challenge</b>	High traffic. No bike bath and speed limit too high
<b>Biking Challenge</b>	Poor sidewalks and high vehicle traffic
<b>Walking Challenge</b>	High vehicle traffic & poor sidewalks
<b>Improvement Needed</b>	Move to a smooth multi use paths either part of or separated from main highways
<b>General Comment</b>	Need to connect with mainland
<b>Walking Challenge</b>	High traffic. Not safe
<b>Biking Challenge</b>	Not safe
<b>Biking Challenge</b>	With traffic from the high school, it makes biking very unsafe.
<b>Biking Challenge</b>	Too narrow. No safe bike lane.
<b>Improvement Needed</b>	Improvement is needed everywhere in Pender County.
<b>General Comment</b>	Overdevelopment and poor planning has made the Hwy 17 corridor a nightmare to drive, let alone walk or cycle.
<b>Walking Challenge</b>	High speed driving, curved road, low visibility for drivers, no even area to walk/bicycle
<b>Walking Challenge</b>	Bridge too narrow, no space to walk
<b>Walking Challenge</b>	Narrow road, high speed drivers

## Survey Results

<b>Walking Challenge</b>	High speed drivers
<b>Walking Challenge</b>	no bike lanes or unsafe bike lanes. Separate bike path/greenway would be preferred
<b>Walking Challenge</b>	Country Club road - drivers go too fast and there is no sidewalk
<b>Improvement Needed</b>	Would like to see sidewalks on Country Club
<b>Biking Challenge</b>	Fast speed limit. No bike path.
<b>Walking Challenge</b>	No sidewalks
<b>Improvement Needed</b>	It is almost impossible to walk or bike on Country Club. A bike lane would be nice, but it wouldn't curb speeding or in attention to the road.
<b>General Comment</b>	More trails around Kiwanis would be wonderful! A dog park is a much-needed addition as well; I'd love to be able to take my dogs walking with me.
<b>Walking Challenge</b>	I have to drive all the way to Burgaw to have a safe place to walk. All roads near my home are 55 mph and narrow.
<b>Walking Challenge</b>	55 mph no room for pedestrians on the road.
<b>Biking Challenge</b>	No shoulder and high traffic area.
<b>Walking Challenge</b>	No shoulder and high traffic area
<b>Walking Challenge</b>	No sidewalk
<b>Biking Challenge</b>	High traffic area and vehicles do not care about bikers or pedestrians
<b>Walking Challenge</b>	High traffic area and vehicles do not care about walkers or runners.
<b>Biking Challenge</b>	Using 17 for any reason as a Walker or biker is extremely dangerous but a lot of the neighborhoods are isolated and can only be reached by going onto 17. A safe walk/bike path to connect resident neighborhoods would be great.
<b>Walking Challenge</b>	Traffic, no cross walks
<b>Improvement Needed</b>	designated bike and walking trails
<b>General Comment</b>	Country Club Road needs a seperate bike and walking trail. biking roadside is very dangerous
<b>Biking Challenge</b>	Dangerous curves on montague with barely any shoulder to pull off on, many blind curves that people speed through
<b>Walking Challenge</b>	Constant trash on the side of the road as people let stuff fly out on the way to the dump
<b>Biking Challenge</b>	Fast moving traffic, lots of trucks, no shoulder.
<b>Biking Challenge</b>	Country Club Rd dangerous when bicycling - but connects to so many areas
<b>Biking Challenge</b>	Too congested and no area to ride or walk on S. Shore Dr. No crosswalks either. Need better lighting at night on streets between S. Shore and S. Topsail Dr. No streetlights on side streets.
<b>Walking Challenge</b>	Sidewalks on S. Topsail Dr don't line up or are none existent. No crosswalks. Poor lighting around roundabout on the island. There are crosswalks but it's very dark at night and very dangerous because traffic can't see you in the crosswalks.
<b>Improvement Needed</b>	Sidewalks and crosswalks are needed. Most sidewalks are random and don't match up! Better lighting.
<b>Improvement Needed</b>	Better lighting and add crosswalks and sidewalks.
<b>General Comment</b>	Lots of people are walking around on the island yet we have no crosswalks and sidewalks, except in Onslow County area.
<b>Biking Challenge</b>	Hard to cross 17
<b>Improvement Needed</b>	No safe place to cross 17
<b>Improvement Needed</b>	Sidewalks



## Survey Results

<b>Biking Challenge</b>	Road crossings
<b>Walking Challenge</b>	Kids walking from are not safe due to traffic
<b>Improvement Needed</b>	A dual use walking biking trail could really help short trip traffic in hampstead.
<b>Improvement Needed</b>	Country Club drive is a serious biking accident ready to happen.
<b>Walking Challenge</b>	High speeds, no shoulder
<b>Biking Challenge</b>	Heavy traffic, no room for bikes.
<b>General Comment</b>	Overall, Pender County area particularly all the development off 17 needs be have more for the residents to safely do outdoor activities. Driving let alone walking near many of these roads is dangerous
<b>Biking Challenge</b>	All of 17 is dangerous to bike
<b>Walking Challenge</b>	There is no way to safely cross the streets. A cross walk if some kind is needed.
<b>Walking Challenge</b>	Cars drive very fast on olde point. There are no sidewalks. We cannot walk our dog or bike on this road. Sidewalks would be amazing!!!!
<b>Walking Challenge</b>	There is no safe way to cross these streets if needed. A crosswalk or something would be helpful.
<b>Improvement Needed</b>	This road with its single lane of traffic in both directions heads toward a choke point for vehicle traffic just inside New Hanover County at the intersection of 117 and Holly Shelter Rd. A vehicle can be stuck creeping along 117 for about 20 minutes on a good day. This road is also unsafe for pedestrian and bicycle traffic.
<b>Biking Challenge</b>	A side walk or biking path would be helpful. I travel this road a lot for work into Wilmington and roughly once a month I see people riding in the grass or hugging the very edge of the road as they bike to their destination.
<b>General Comment</b>	Within the neighborhood
<b>General Comment</b>	Need a light here with all the new apartments and businesses opening here
<b>General Comment</b>	Need this road to actually exist
<b>Walking Challenge</b>	Narrow roads and no side walks
<b>Improvement Needed</b>	You will die if you try to walk or bike here!
<b>Walking Challenge</b>	Narrow/no shoulders, no sidewalks or walking paths, heavy traffic
<b>Improvement Needed</b>	Add pedestrian/cycle lane or sidewalks
<b>Improvement Needed</b>	Sloop Point area has no sidewalks or pedestrian lanes, no road shoulders and heavy traffic. Walking/biking here is DANGEROUS
<b>Biking Challenge</b>	No curb or sidewalk or bike path
<b>Walking Challenge</b>	No curb or sidewalk or bike path
<b>Improvement Needed</b>	Add sidewalk.. very dangerous road.
<b>Biking Challenge</b>	Roads are too narrow with no shoulders
<b>Improvement Needed</b>	This area has a curve and no shoulder for walking or biking
<b>Improvement Needed</b>	Need a safe crosswalk
<b>Walking Challenge</b>	Country Club Rd.-no safe route for walking or being - speed limit too high, no bike or pedestrian lane
<b>Improvement Needed</b>	needs bike/pedestrian lane and lower speed limit
<b>Biking Challenge</b>	For those of us living in Hampstead - it would be good to see walking and biking lanes that are separated from vehicular traffic. Many kids live close enough to walk or bike to Topsail schools if there were a safe route to travel. Many neighborhoods are not interconnected so there is no way to travel to many places for shopping, dining or appointments without getting on Hwy 17.

## Survey Results

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<b>Improvement Needed</b>	a crosswalk be helpful here.
<b>Improvement Needed</b>	a crosswalk
<b>Improvement Needed</b>	Roads are so dangerous.
<b>Improvement Needed</b>	The road is sinking down near the bridge creating a large dip
<b>Biking Challenge</b>	Fast MPH road, small shoulder, curves and blind spots. All of Country Club.
<b>Biking Challenge</b>	Busy road, with lots of speeders. Very little should space to ride on.
<b>General Comment</b>	School traffic is excessive, and I think it would help if children could walk or bike safely to school.
<b>Walking Challenge</b>	Walking paths out of this community need to be improved