

# Hampton Roads 2040

## Long-Range Transportation Plan:

### Visioning Survey Report

2040



Navigating the Future to 2040  
September 2013

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Rodney Oliver, Interim Executive Director

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## NORFOLK AIRPORT AUTHORITY

Wayne E. Shank, Executive Director

## FREIGHT TRANSPORTATION ADVISORY COMMITTEE

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Vacant, Co-Chair (Voting Board Member)

## INVITED PARTICIPANTS

Hollis D. Ellis, Commonwealth Transportation Board

Aubrey L. Layne, Jr., Commonwealth Transportation Board

W. Shepperd Miller, III, Commonwealth Transportation Board

## HRTPO PROJECT STAFF

Camelia Ravanbakh, Ph.D.

Pavithra Parthasarathi, Ph.D., P.E.

Dale M. Stith, AICP, GISP

Theresa Jones

Robert B. Case, Ph.D., P.E.

Keith Nichols, P.E.

Samuel S. Belfield

HRTPO Deputy Executive Director

Principal Transportation Engineer

Senior Transportation Planner

Transportation Engineer

Principal Transportation Engineer

Senior Transportation Engineer

Senior Transportation Engineer

Kendall L. Miller

Brian Chenault

Brian Miller

Kathlene Grauberger

Michael Long

Christopher Vaigneur

Public Involvement & Title VI Administrator

Community Outreach Planner

Web and Graphics Designer

Administrative Assistant II

General Services Manager

Assistant General Services Manager

# **Hampton Roads Long-Range Transportation Plan: Visioning Survey Report**

## **Navigating the Future to 2040**

Prepared By:



September 2013

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## REPORT DOCUMENTATION

**TITLE**

Hampton Roads Long-Range  
Transportation Plan: Visioning  
Survey Report

**AUTHOR**

Theresa K. Jones

**PROJECT TEAM**

Pavithra Parthasarathi, Ph.D., P.E.  
Dale M. Stith, AICP, GISP

Kendall L. Miller  
Brian Chenault

**ABSTRACT**

Hampton Roads Transportation Planning Organization (HRTPO) is currently in the process of developing the 2040 Long-Range Transportation Plan (LRTP). As part of the process, HRTPO staff conducted a non-scientific survey from October 10, 2012 to December 31, 2012. The purpose of this survey is to gain public and stakeholder input during the early stages of developing the 2040 LRTP.

The 2040 LRTP Visioning Survey was made up of a mix of multiple choice questions and open-ended questions covering an array of transportation-related topics in regards to Hampton Roads. This report contains a summary of the results, locations of where survey respondents live and work, and key findings. Finally, a summary of next steps in developing the 2040 LRTP is also included.

**ACKNOWLEDGMENTS**

This document was prepared by the Hampton Roads Transportation Planning Organization (HRTPO) in cooperation with the U.S. Department of Transportation (USDOT), Federal Highway Administration (FHWA), Federal Transit Administration (FTA), Virginia Department of Transportation (VDOT), Virginia Department of Rail and Public Transportation (DRPT), Transportation District Commission of Hampton

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**ORGANIZATION CONTACT INFORMATION**

Hampton Roads Transportation  
Planning Organization  
723 Woodlake Drive  
Chesapeake, Virginia 23320  
(757) 420-8300  
[www.hrtpo.org](http://www.hrtpo.org)

Roads (TDCHR), and Williamsburg Area Transit Authority (WATA). The contents of this report reflect the views of the HRTPO. The HRTPO staff is responsible for the facts and the accuracy of the data presented herein. The contents do not necessarily reflect the official views or policies of the FHWA, FTA, VDOT or DRPT. This report does not constitute a standard, specification, or regulation. FHWA, FTA, VDOT or DRPT acceptance of this report as evidence of fulfillment of the objectives of this program does not constitute endorsement/approval of the need for any recommended improvements nor does it constitute approval of their location and design or a commitment to fund any such improvements. Additional project level environmental impact assessments and/or studies of alternatives may be necessary.

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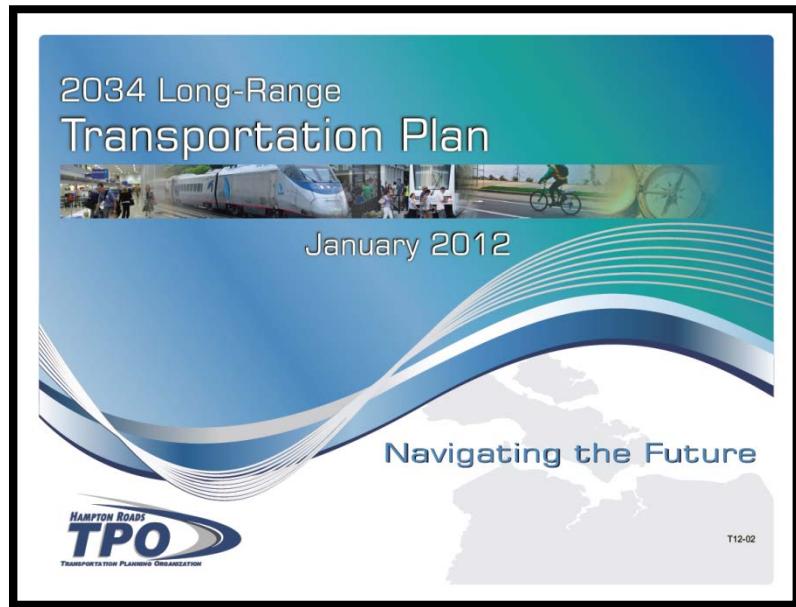
# Introduction

A long range transportation plan (LRTP) is a blueprint for a region's multimodal transportation development. It identifies regionally significant, fiscally-constrained transportation projects with a minimum planning horizon of 20 years. An LRTP is updated every four years to capture changes in the region. To update the LRTP, the Hampton Roads Transportation Planning Organization (HRTPO) staff examines how the region may develop over the next 20 years based upon projected population and employment growth. Changes in growth can impact demand on the regional transportation system, therefore future plans must consider alternatives to effectively address these needs. Once alternatives are determined, funds are then identified to cover the costs of these future transportation investments. This entire process requires regional cooperation and public participation.

The 2034 LRTP is the current regional transportation plan for the Hampton Roads region. It was adopted in January 2012. As stated previously, these transportation plans are updated every four years; therefore the HRTPO is in the process of updating the current LRTP to the year horizon year of 2040.

An important milestone that occurs in the first year of the LRTP planning process is creating the vision and goals as these provide the necessary framework for developing the plan. To accomplish this, HRTPO staff conducted a non-scientific survey to help gage public opinion on various transportation issues. The survey was opened to the public for approximately 11 weeks from October 10, 2012 to December 31, 2012.

This report summarizes the survey, outreach efforts, survey results and key findings, as well as next steps.



# The Survey

The HRTPO staff collaborated with the LRTP Subcommittee in the development of the 2040 LRTP Visioning Survey Questionnaire. The LRTP Subcommittee, a group of regional stakeholders, meets quarterly (or more frequently as needed) to assist HRTPO staff in the development of the LRTP. The 2040 LRTP Visioning Survey Questionnaire contains 20 questions asking respondents for their input on regional transportation issues. This survey was made up of mostly multiple choice questions with three open-ended questions where respondents could freely express their opinions. Questions were broken down into six categories that cover the following issues:

- Regional concerns – survey respondents were asked for their beliefs on general and transportation related issues in Hampton Roads.
- Reducing congestion – survey respondents were asked for their input on effective methods in reducing transportation congestion.
- Transportation funding – survey respondents shared their preferences in how taxpayer dollars would be spent in the region. Survey respondents also identified funding sources (e.g., an increase in the gas tax or the use of tolls) that they would support.
- Primary mode of transportation – survey respondents identified how they normally travel in Hampton Roads.
- Public Transportation – survey respondents were asked to share their experience with public transportation if they chose it as their primary mode of transportation.
- Secondary mode of transportation – survey respondents identified additional methods they used in traveling through Hampton Roads in the past year for work, recreation, shopping, etc.

*The LRTP Subcommittee is a diverse and comprehensive group representing local, state and federal partners, transit agencies, freight, the Virginia Port Authority, and the military.*

Questions under the six categories made up half of the survey. The remainder of the survey covered neighborhood types, commute times, home and workplace zip codes, and special transportation issues due to age or disability. The three open-ended questions completed the survey.

The 2040 LRTP Visioning Survey Questionnaire is available in Appendix A.

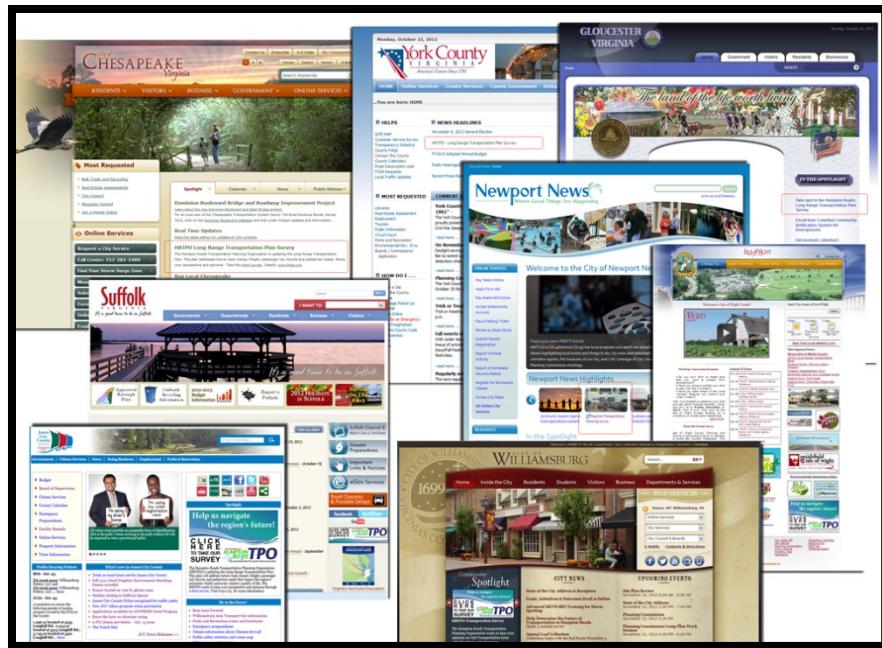
# Survey Outreach Efforts

Public involvement is a critical component in the development of the 2040 LRTP. Transportation has a significant impact on the residents of Hampton Roads and is closely intertwined with the economic health of the region; therefore, citizen participation in the development of the regional transportation plan is essential.

In order for citizens to be involved, they must first be informed of not only the transportation planning process, but also of the way in which their involvement can shape and enhance programs and policies. As such, a major goal in the development of the current 2034 LRTP was to reach out to all citizens in Hampton Roads and engage them in meaningful dialogue regarding the process itself, their needs and perceptions, potential impacts to their way of life and their community, as well as the elements of the 2034 LRTP. It is imperative that HRTPO carry over this goal into the 2040 LRTP to keep public involvement at the forefront throughout the LRTP development process.

The HRTPO staff utilized the following avenues to make the survey available for public input:

- HRTPO website, Facebook page, and e-newsletter
- Hampton Roads Planning District Commission (HRPDC) website, Facebook page, and e-newsletter
- Localities' websites
- Hampton Roads Transit (HRT) website
- Military database (contains over 2,000 contacts)
- Ads on Facebook and the Virginian Pilot
- Bookmarks sent to all 53 libraries in the region
- Community groups and organizations
- Presentations



Survey advertised on localities' websites

HRTPO staff made the survey available electronically as well as in hard copy.

# Survey Results

HRTPO used Constant Contact Inc. to host the survey and provide summary findings for each of the multiple choice questions. HRTPO staff evaluated the open-ended questions as well as the *Other* responses from the multiple choice questions. For some of the multiple choice questions, respondents had the opportunity to explain their answers under *Other* if the additional given choices were not deemed appropriate for them. Open-ended questions worked in the same manner as *Other* such that respondents could freely share their opinions. HRTPO staff labeled each response from the open-ended questions as well as *Other* from the multiple choice questions with categories that best captured the overall message. See Appendix B for a detailed categorization of the *Other* responses.

The open-ended questions covered three topics which include:

- Candidate transportation project suggestions
- Visions of Hampton Roads in 2040
- Existing issues with the region's transportation system

Candidate transportation project suggestions received from the survey were sorted by theme (e.g., Highway, Public Transportation, Construction, Maintenance, etc.). General transportation project suggestions (e.g., extend light rail and add more bike lanes/paths) were separated from those that were more specific (e.g., extend light rail to Naval Base). For evaluation efficiency, candidate transportation project suggestions with similar ideas were grouped together.

The HRTPO collected 1,805 survey responses. Contents in this portion of the report are divided into four sections:

- Multiple choice questions
- Open-ended questions
- Home and work zip code maps
- Key findings

Section 1 contains bar graphs summarizing results of the multiple choice questions by category. It should be noted that several of the multiple choice questions allowed respondents to make more than one selection. As a result, the total sum of the percentages of the choices will be greater than 100%. In a similar manner, Section 2 provides bar graph summaries of the open-ended questions. Maps of home and work zip codes of survey respondents are displayed in Section 3. HRTPO staff created these maps to provide a visual aid in understanding the data. Section 4 summarizes the key findings.

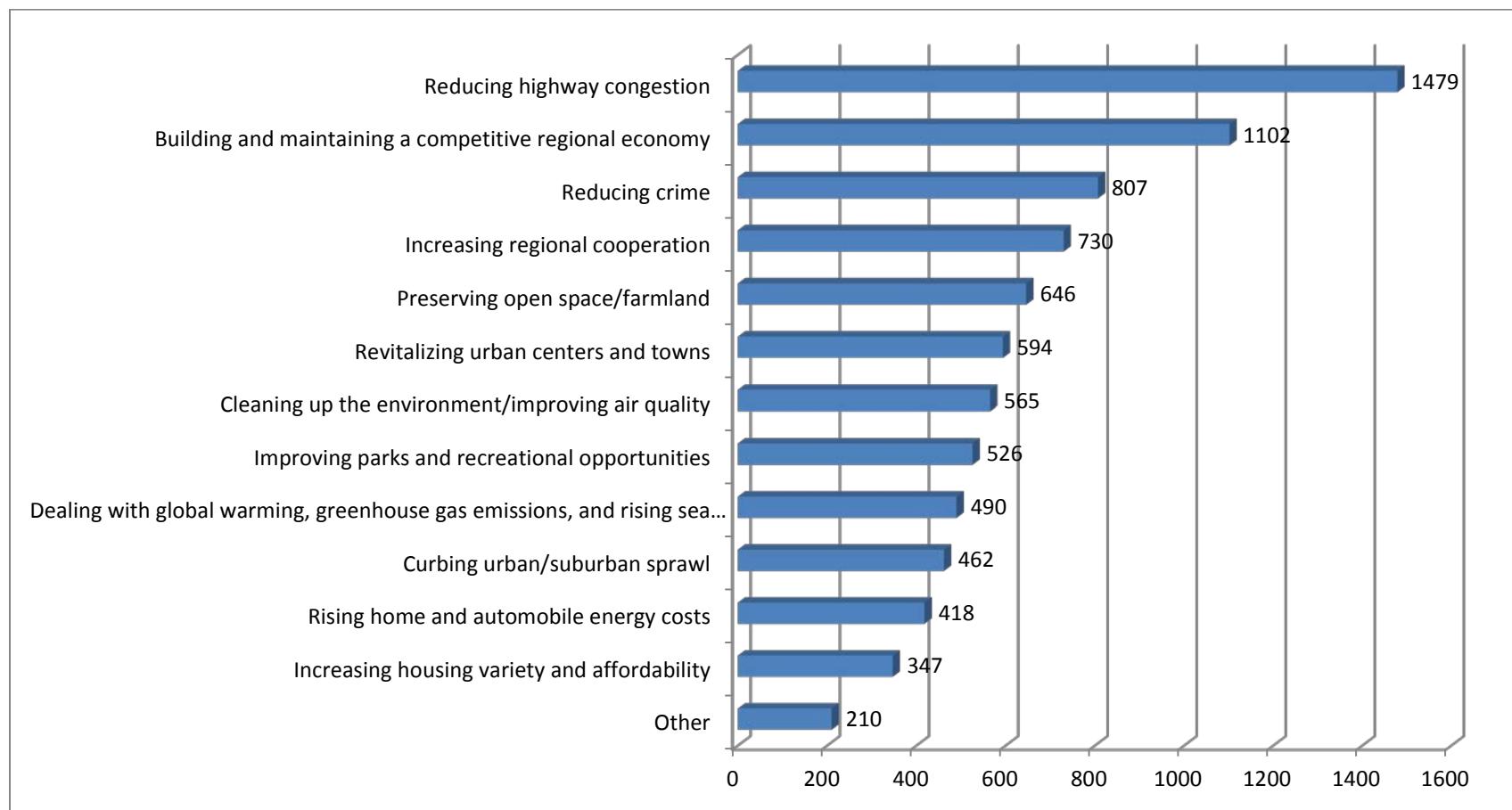
This report contains four appendices:

- Appendix A –the complete 2040 LRTP Visioning Questionnaire
- Appendix B –bar graph summaries of the *Other* responses from the multiple choice questions
- Appendix C –candidate transportation project suggestions
- Appendix D –the complete list of the *Miscellaneous* responses, which are the unique responses that did not fit in the common categories

# Section 1: Multiple Choice Questions

# Regional Concerns

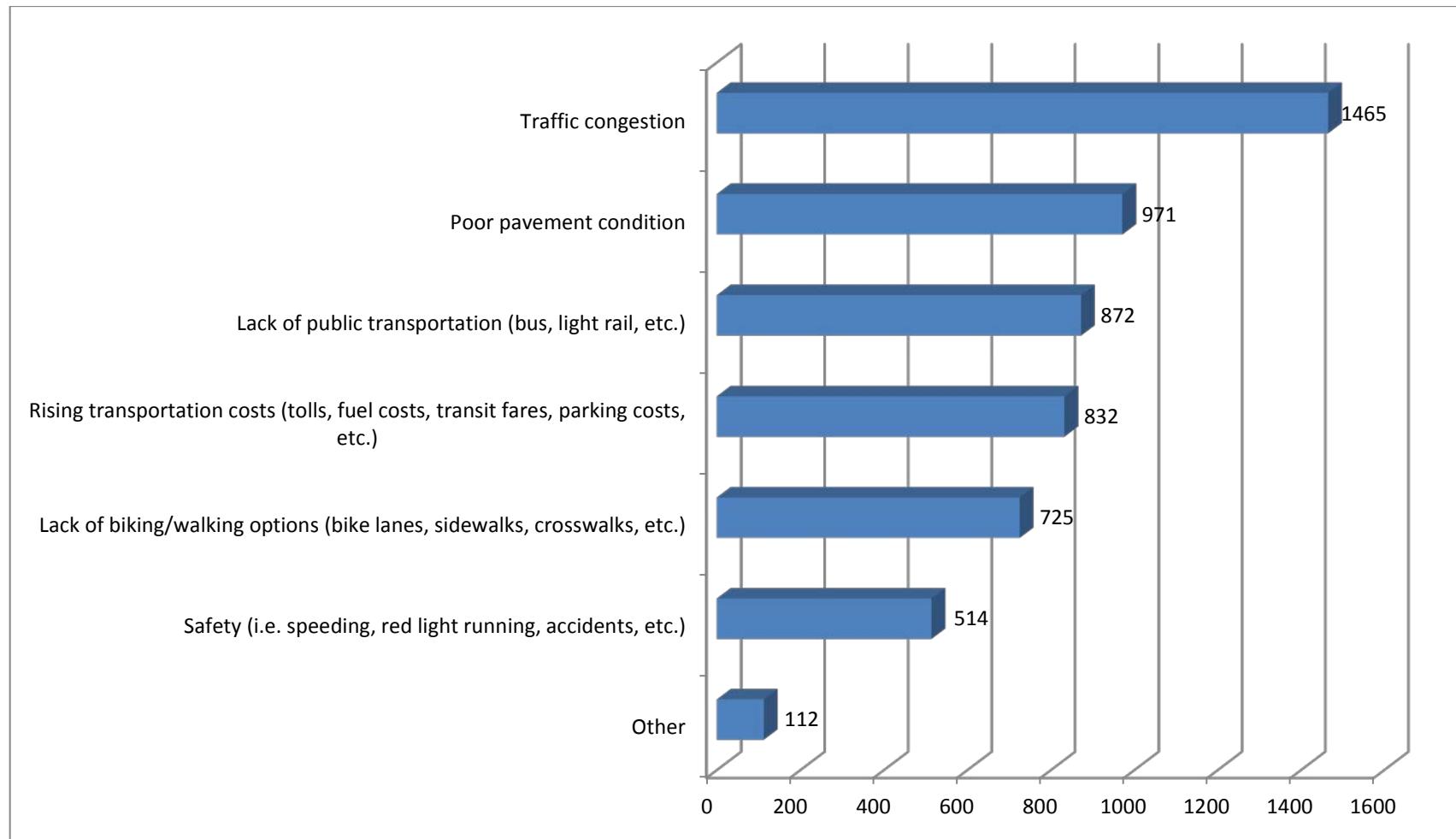
# Q1: What do you believe are the most important issues facing the Hampton Roads region?



**Number of Responses: 1,747**

There were 1,747 respondents who answered Question 1. The top three issues amongst respondents were *Reducing Highway Congestion* (84.7%), *Building and Maintaining a Competitive Regional Economy* (63.1%), and *Reducing Crime* (46.2%). Please see Appendix B for a detail categorization of *Other*.

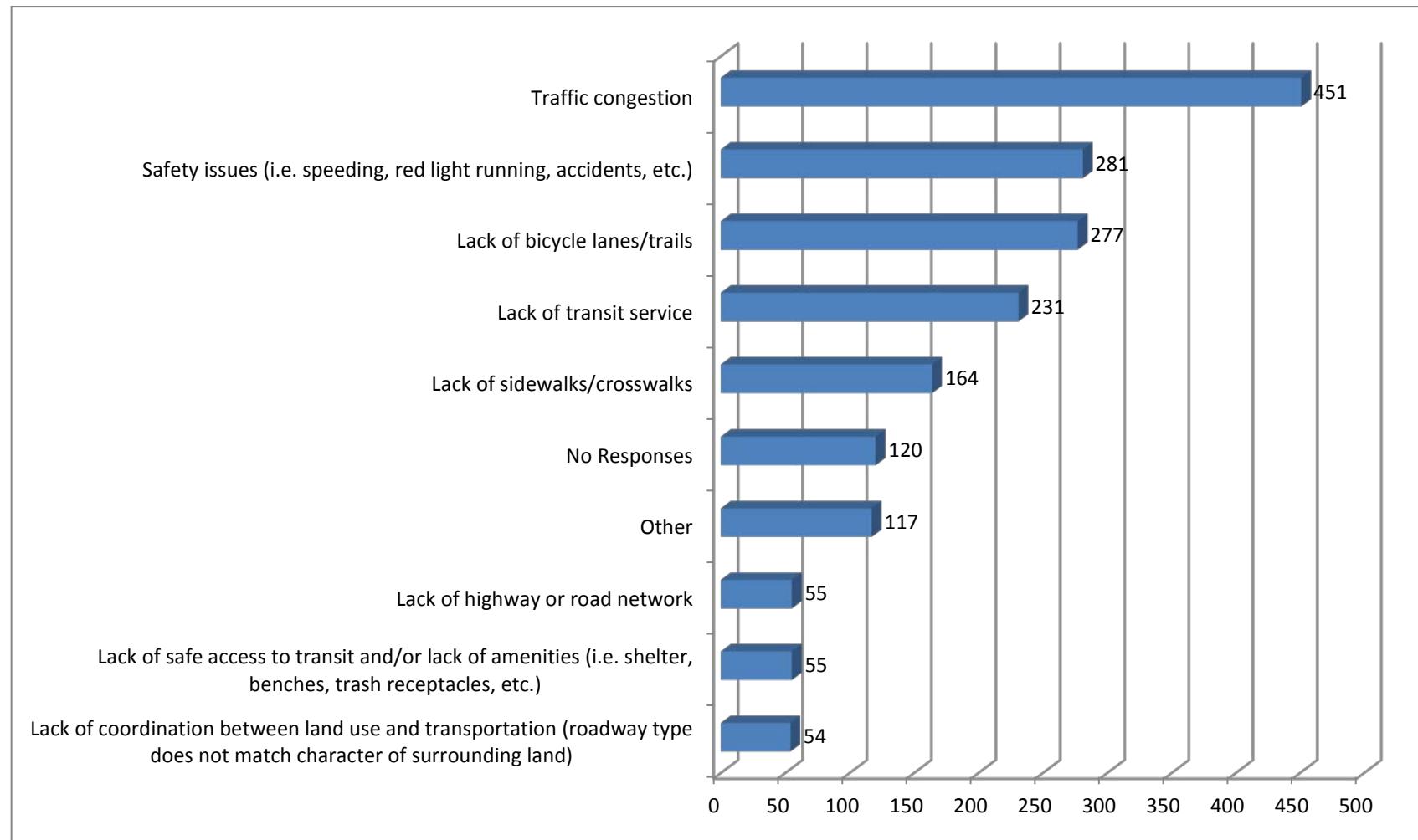
## Q2: What are the top transportation problems you are most concerned with?



**Number of Responses: 1,738**

Number of responses totaled to 1,738. *Traffic Congestion* (84.3%), *Poor Pavement Condition* (55.9%), and *Lack of Public Transportation (bus, light rail, etc.)* (50.2%) were the top three transportation problems concerning survey respondents. Please refer to Appendix B for a detailed categorization of *Other* responses.

### Q3: What is the most critical transportation problem in your NEIGHBORHOOD?

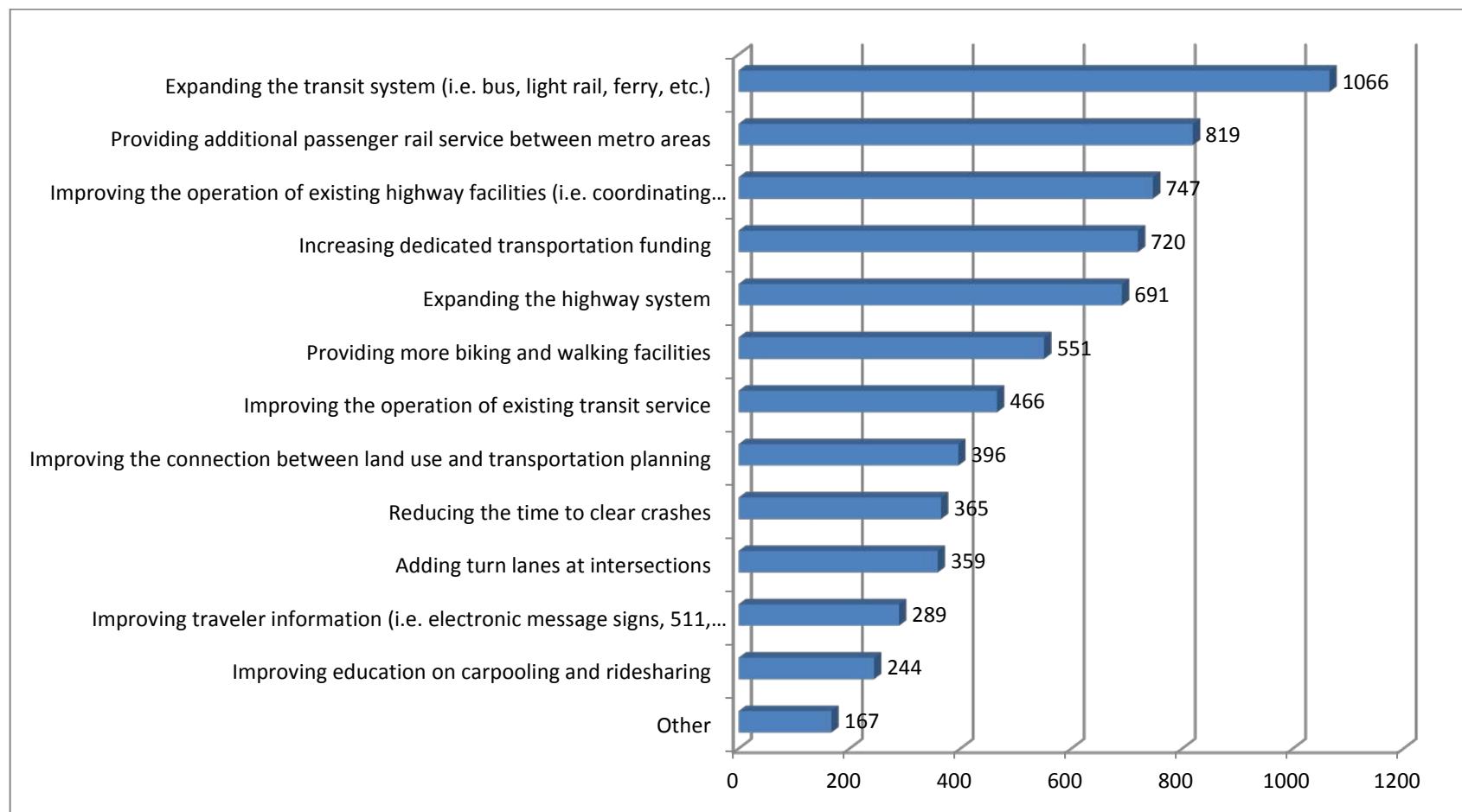


**Number of Responses: 1,805**

Question 3 brought in 1,805 responses. The highest ranking critical transportation problem in neighborhoods was *Traffic Congestion* (25%), followed by *Safety Issues* (i.e., speeding, red light running, accidents, etc.) (15.6%) and *Lack of Bicycle Lanes/Trails* (15.3%). Please see Appendix B for a detailed categorization of *Other* responses.

# Reducing Congestion

## Q4: What do you think is the most effective way to reduce transportation congestion in our region?

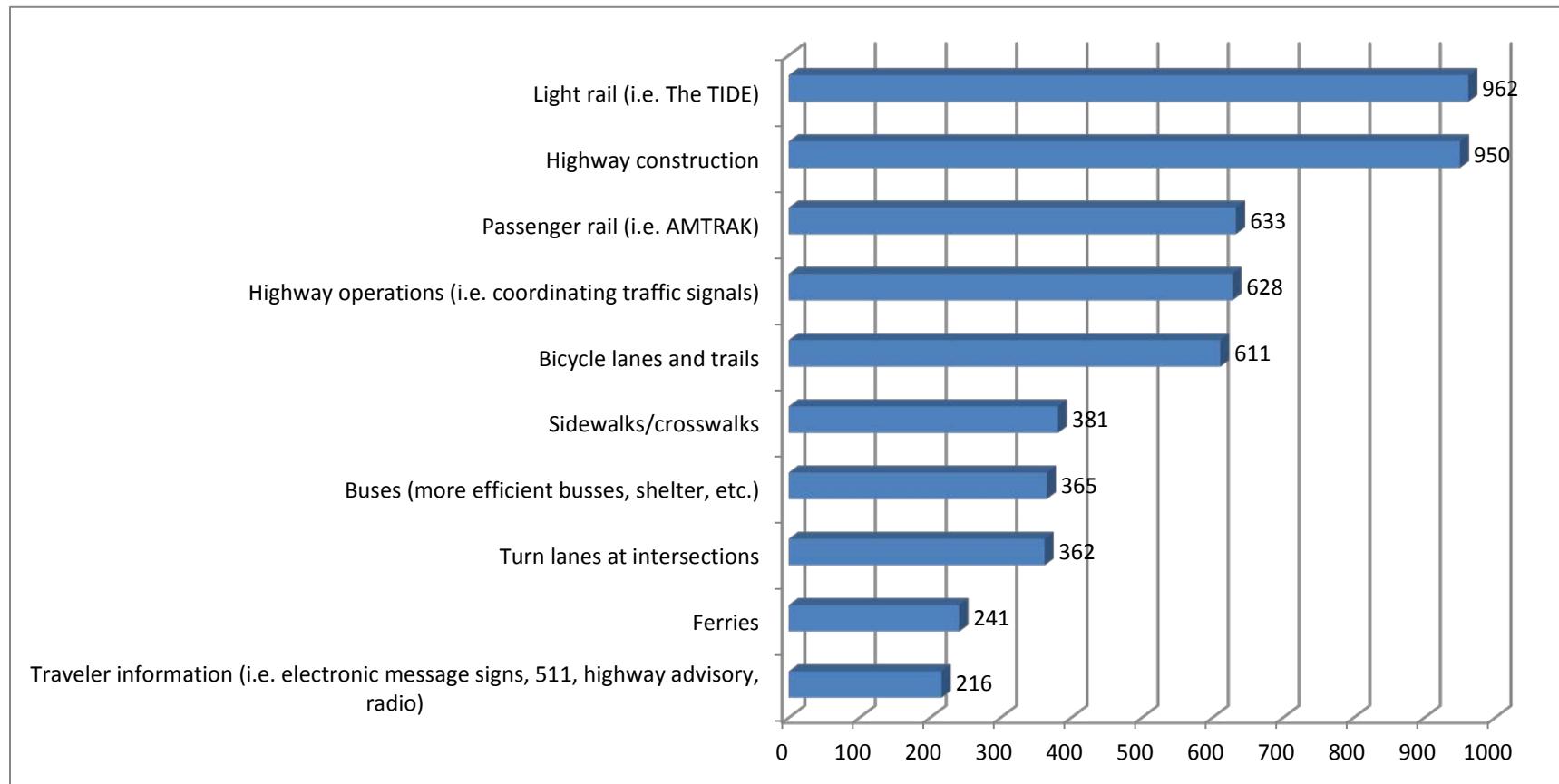


**Number of Responses: 1,692**

A total of 1,692 responses were collected for Question 4. Approximately 63% of responses pertained to *Expanding the Transit System* as a way of reducing the regional transportation congestion. *Providing Additional Passenger Rail Services Between Metro Areas* and *Improving the Operation of Existing Highway Facilities* made up 48.4% and 44.1% of responses for this question, respectively. Please refer to Appendix B for a detailed categorization of the *Other* responses.

# Transportation Funding

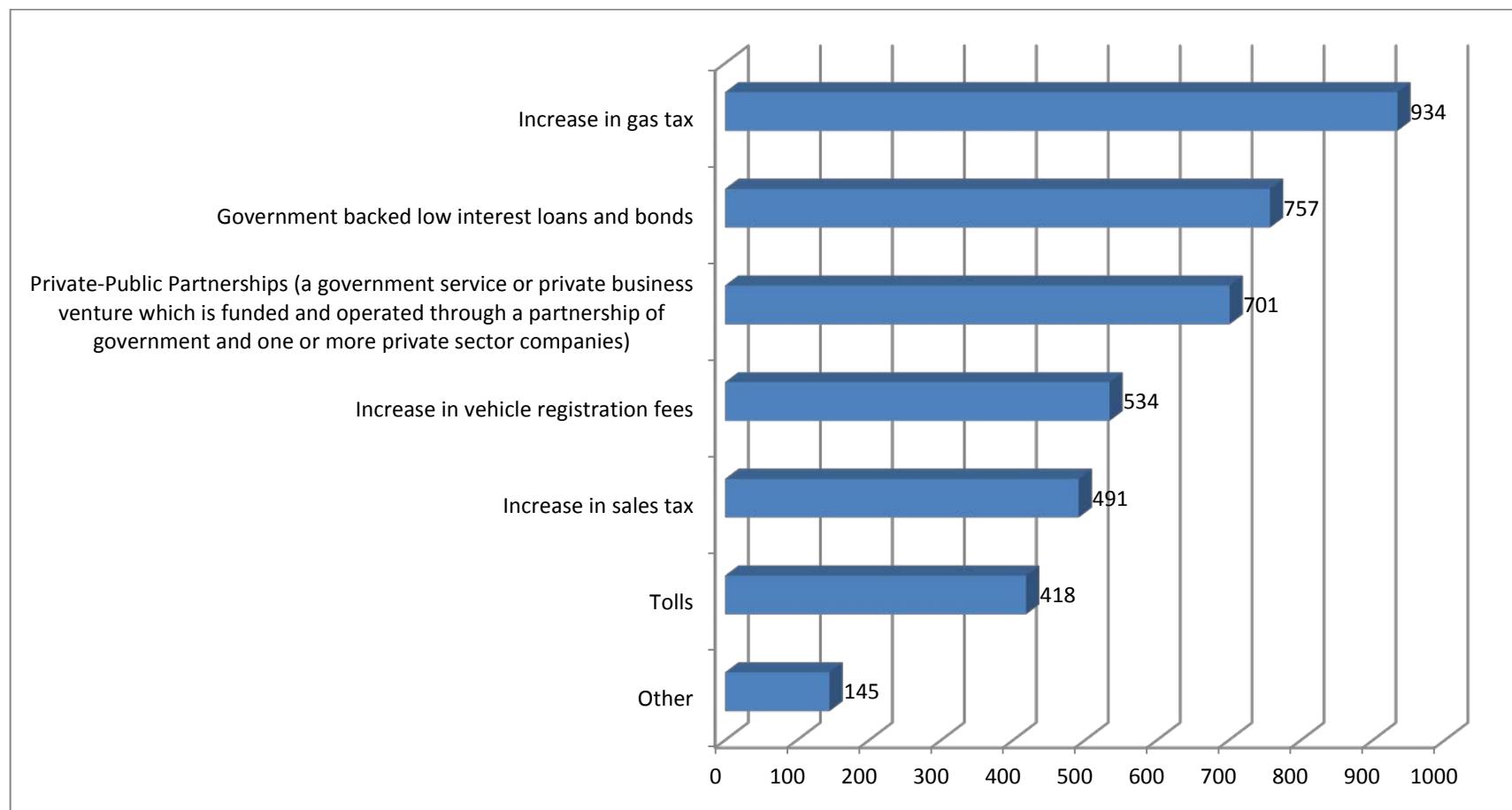
## Q5: Which of the following would you prefer your tax dollars to be spent on in Hampton Roads?



**Number of Responses: 1,692**

Question 5 received 1,677 responses. *Light Rail (i.e., The Tide)* and *Highway Construction* resulted in nearly exact percentages with 57.4% and 56.6%. Respondents also had a preference in spending tax dollars on *Passenger Rail (i.e., AMTRAK)* (37.7%), *Highway Operations* (37.4%), and *Bicycle Lanes and Trails* (36.4%).

Q6: If additional funding is needed to improve transportation in the region, which of the following potential funding sources would you support?

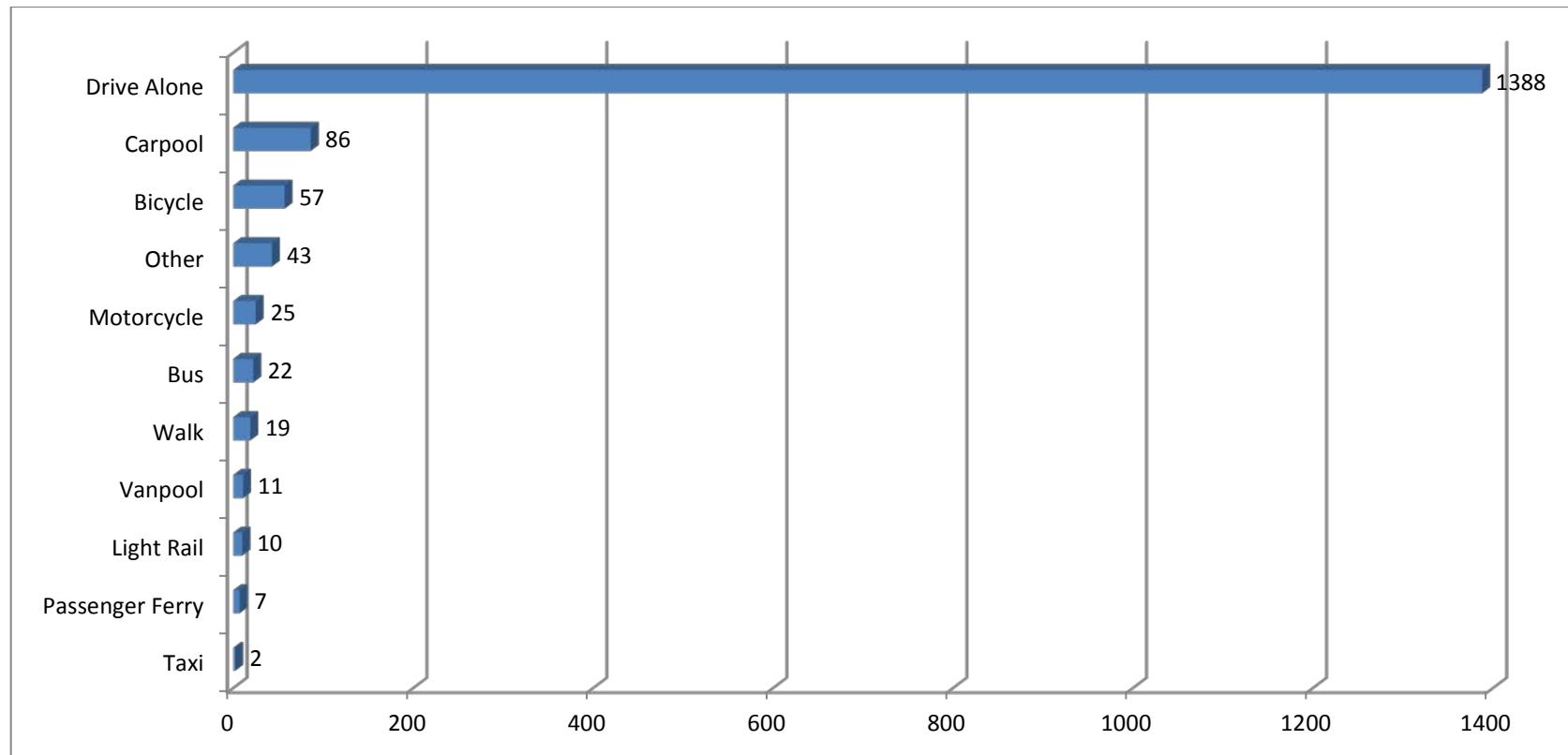


**Number of Responses: 1,660**

Out of 1,660 respondents, 934 respondents (56.3%) said that they would support an *Increase in the Gas Tax* as a potential funding source. Respondents were also in favor of *Government Backed Low Interest Loans and Bonds* and *Private-Public Partnerships* which racked in 45.6% and 42.2%, respectively. Please see Appendix B for a detailed categorization of the *Other* responses.

# Primary Mode of Transportation

## Q7: How do you normally get around in Hampton Roads?

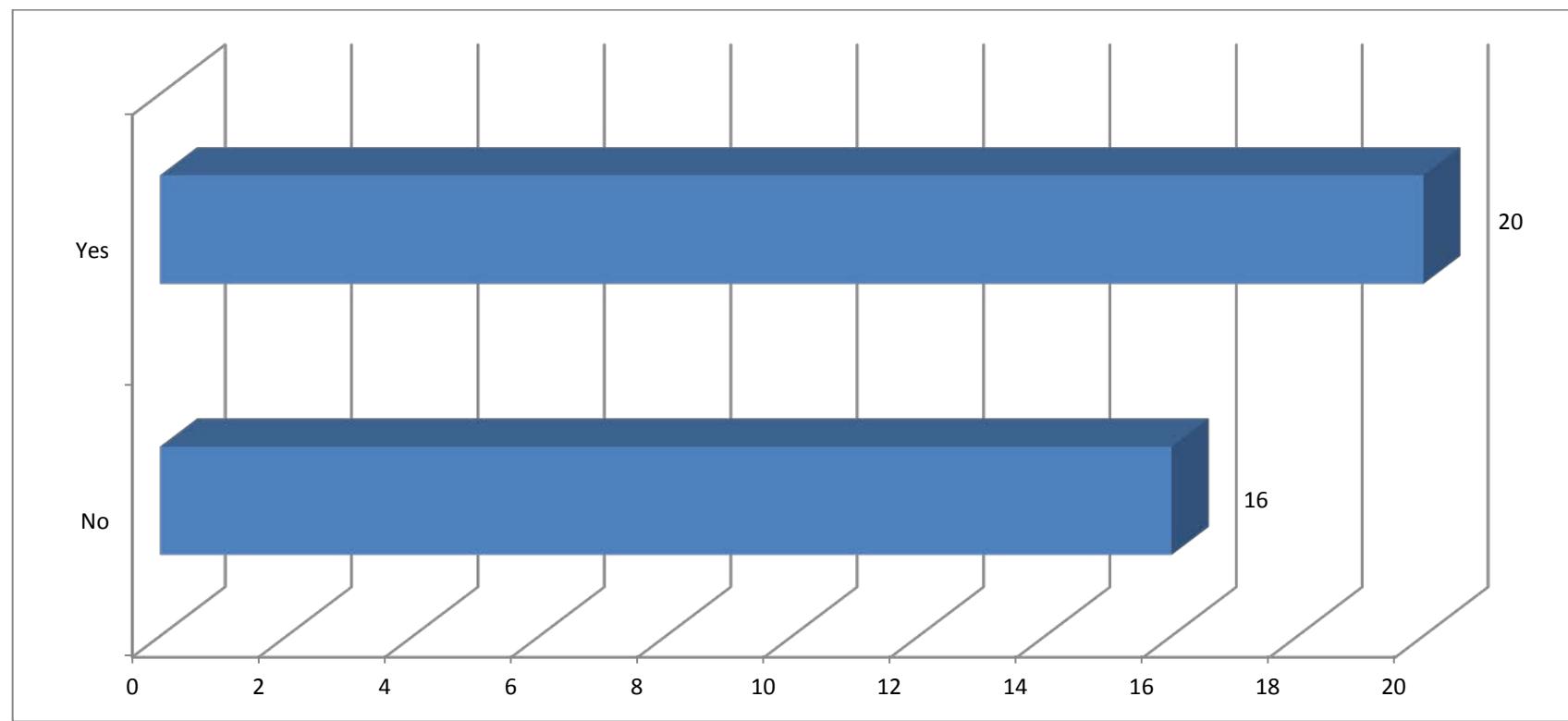


**Number of Responses: 1,807**

A majority of respondents (approximately 76.8%) selected *Drive Alone* as their main mode of travel. The survey revealed that 4.8% of respondents carpool on a normal basis. Approximately 3.2% of respondents bike in Hampton Roads as their main mode of travel. Please refer to Appendix B for a detailed categorization of the *Other* responses.

# Public Transportation

\*Q8: If you depend on public transportation, do your transportation options prohibit/limit access to work and/or school?

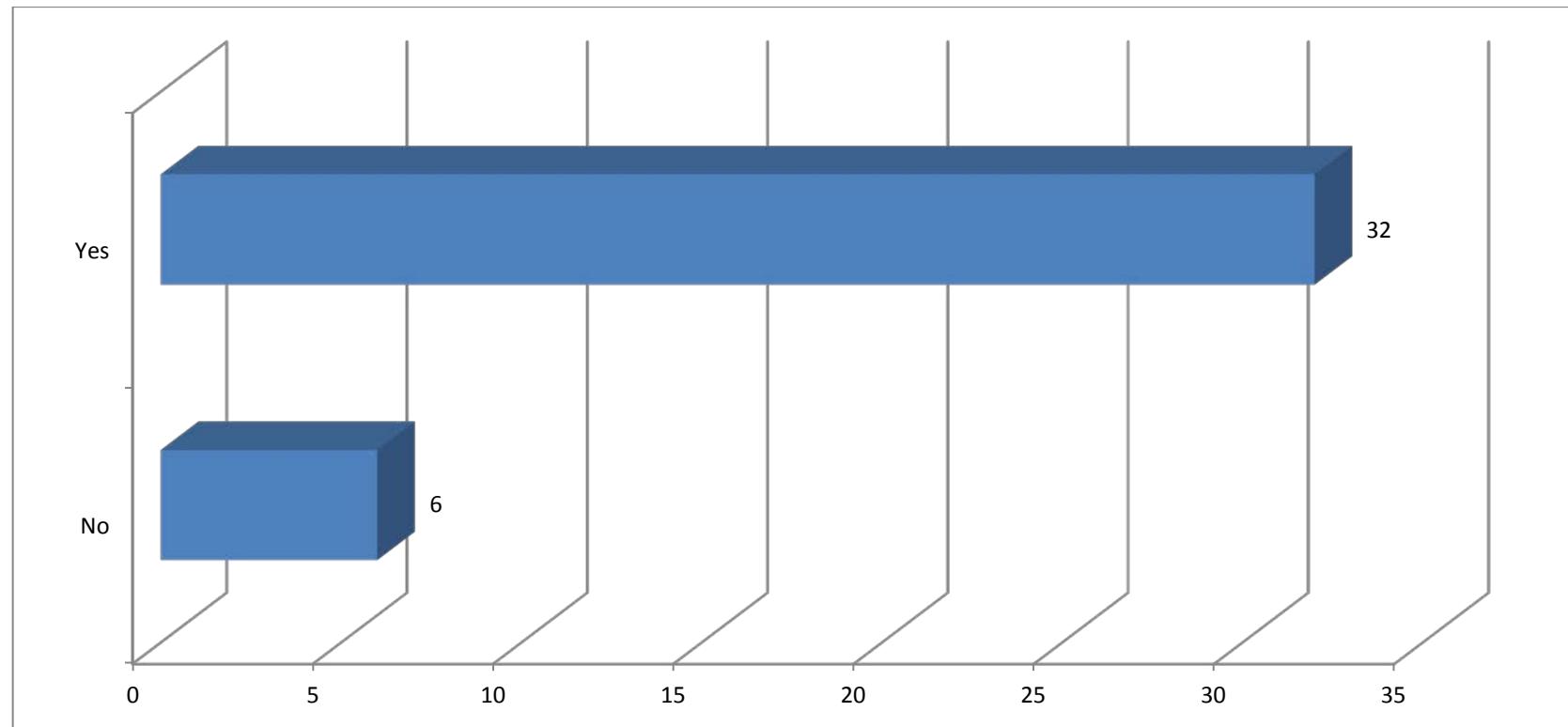


**Number of Responses: 36 (1,769 No Response)**

Out of 36 respondents, 16 answered *Yes*. Explanations given in regards to transportation options limiting access to work and/or school included lack of availability, lack of access/mobility, long travel time, lack in connectivity, and limited stops in routes.

\*Answered by respondents who identified public transportation (e.g., Bus, Light Rail, or Passenger Ferry) as their primary mode of transportation.

## Q9: Do you feel safe using public transportation?

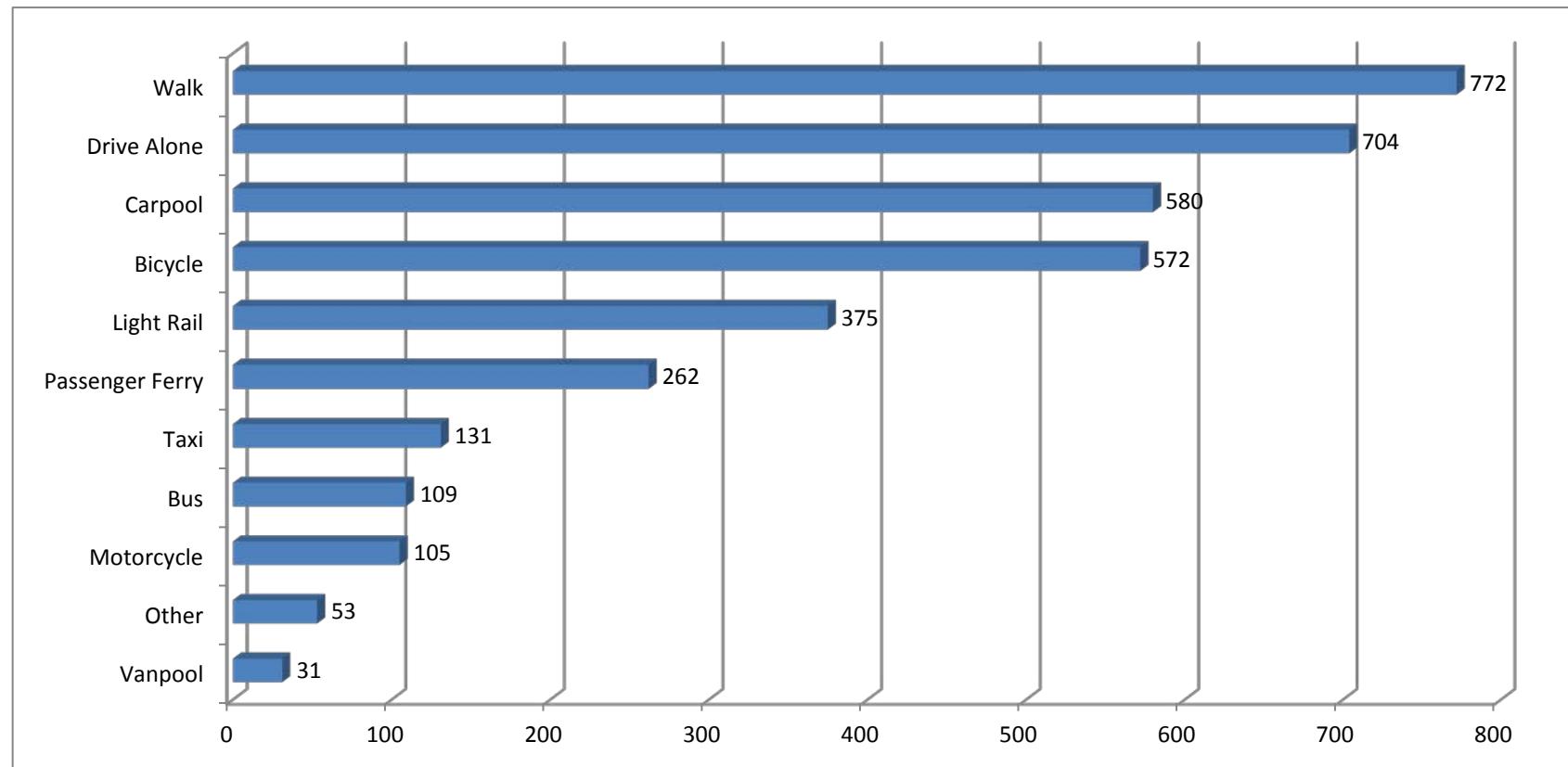


**Number of Responses: 38 (1,767 No Response)**

Out of 38 respondents, six answered *No*. Reasons given by respondents who said they did not feel safe using public transportation include comfort levels, crime, lack of security, and poor customer service.

# Secondary Mode of Transportation

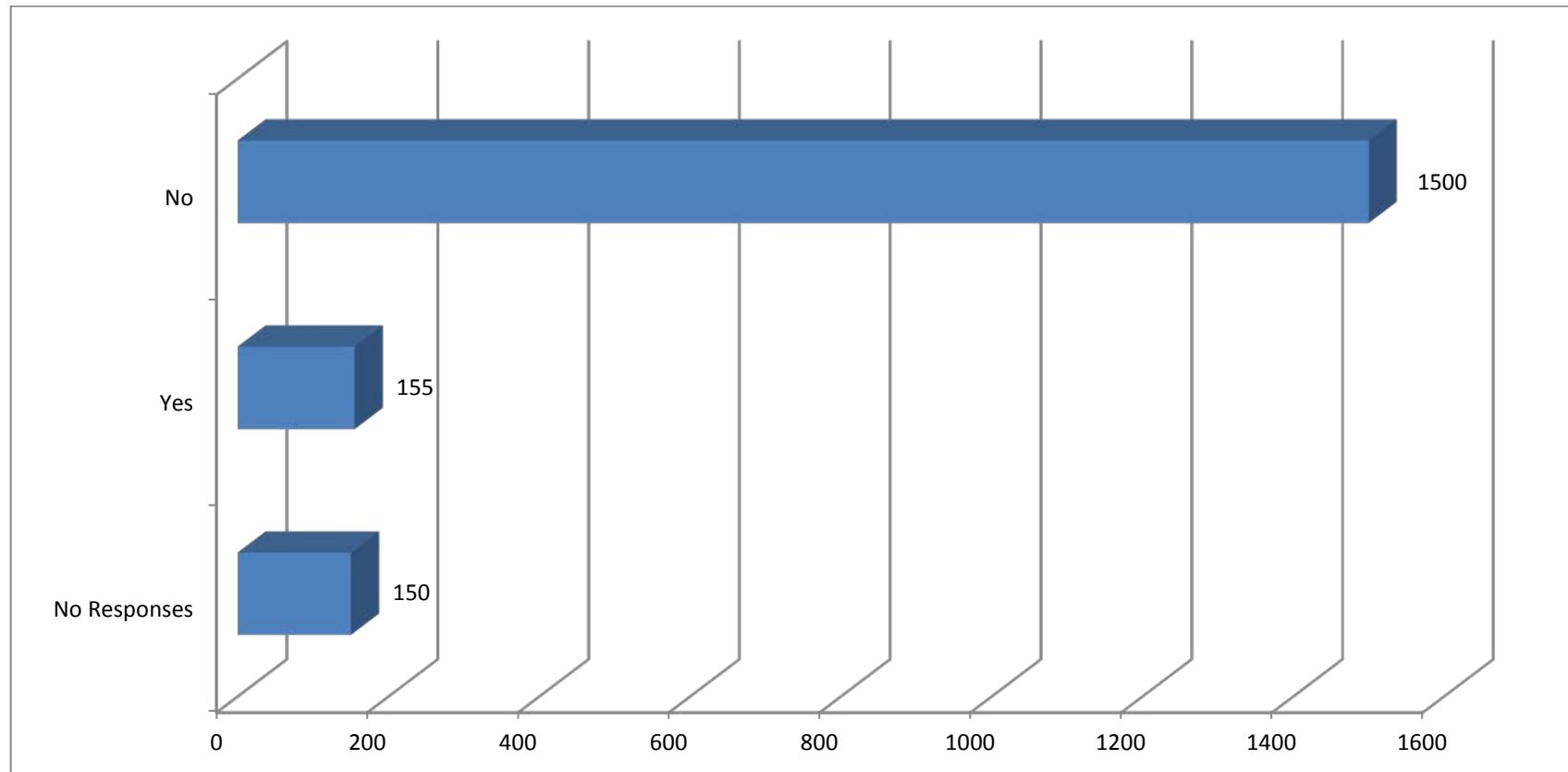
Q10: In addition to how you normally get around in Hampton Roads, please select all other forms of transportation you have used in the past year (i.e., for work, recreation, shopping, etc.).



**Number of Responses: 1,600**

Number of responses totaled to 1,600 for Question 10. *Walk* and *Drive Alone* were the top two transportation modes representing 48.3% and 44.0% of the responses. *Carpool* and *Bicycle* resulted in very similar percentages of 36.3% and 35.8%, respectively. Please refer to Appendix B for a detailed categorization of the *Other* responses.

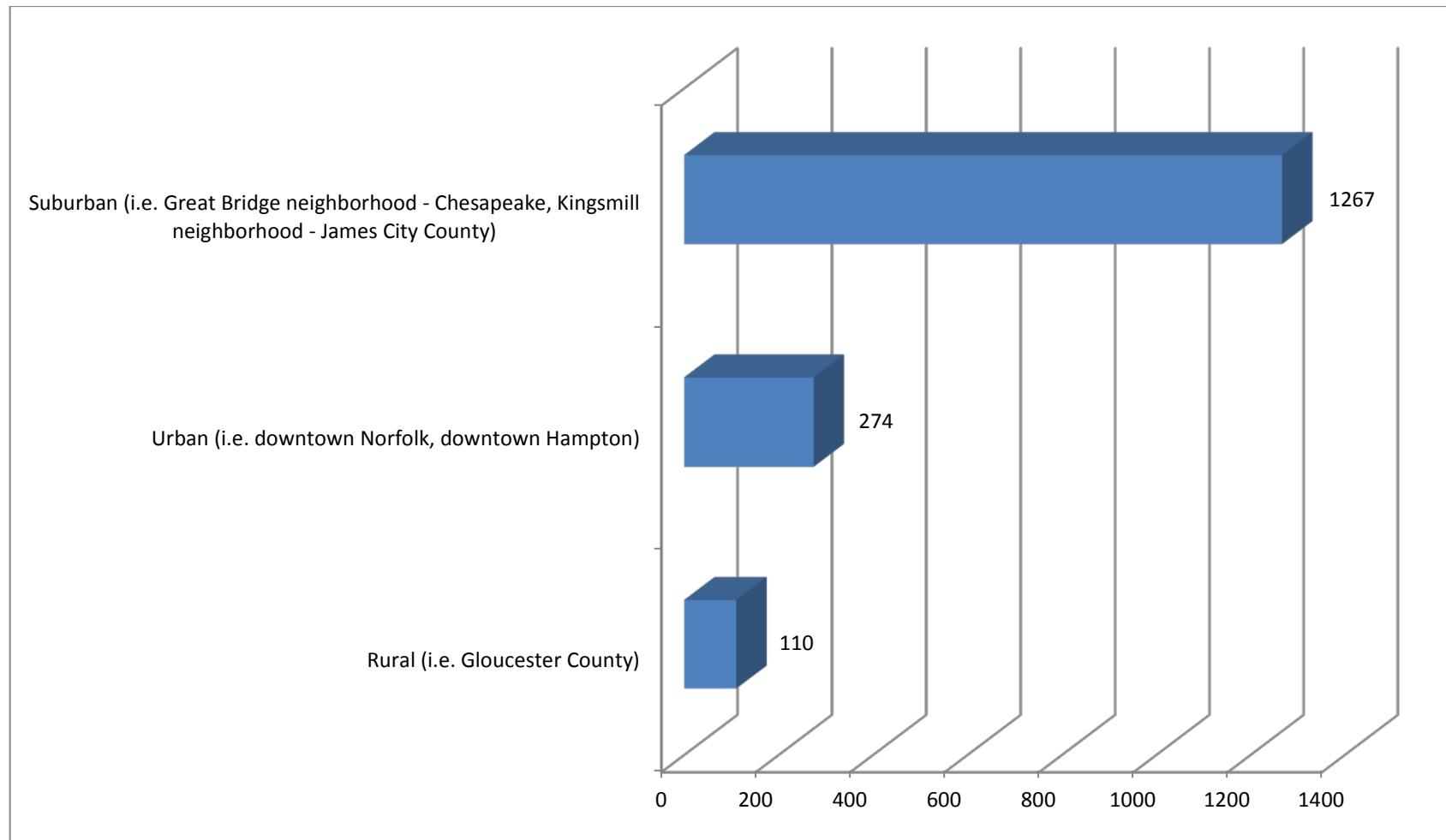
Q11: Does anyone in your household have a special transportation need due to age or disability?



**Number of Responses: 1,805**

Out of 1,805 survey respondents, only 155 (8.6%) answered *Yes* to Question 11. A majority of respondents (83.1%) selected *No*.

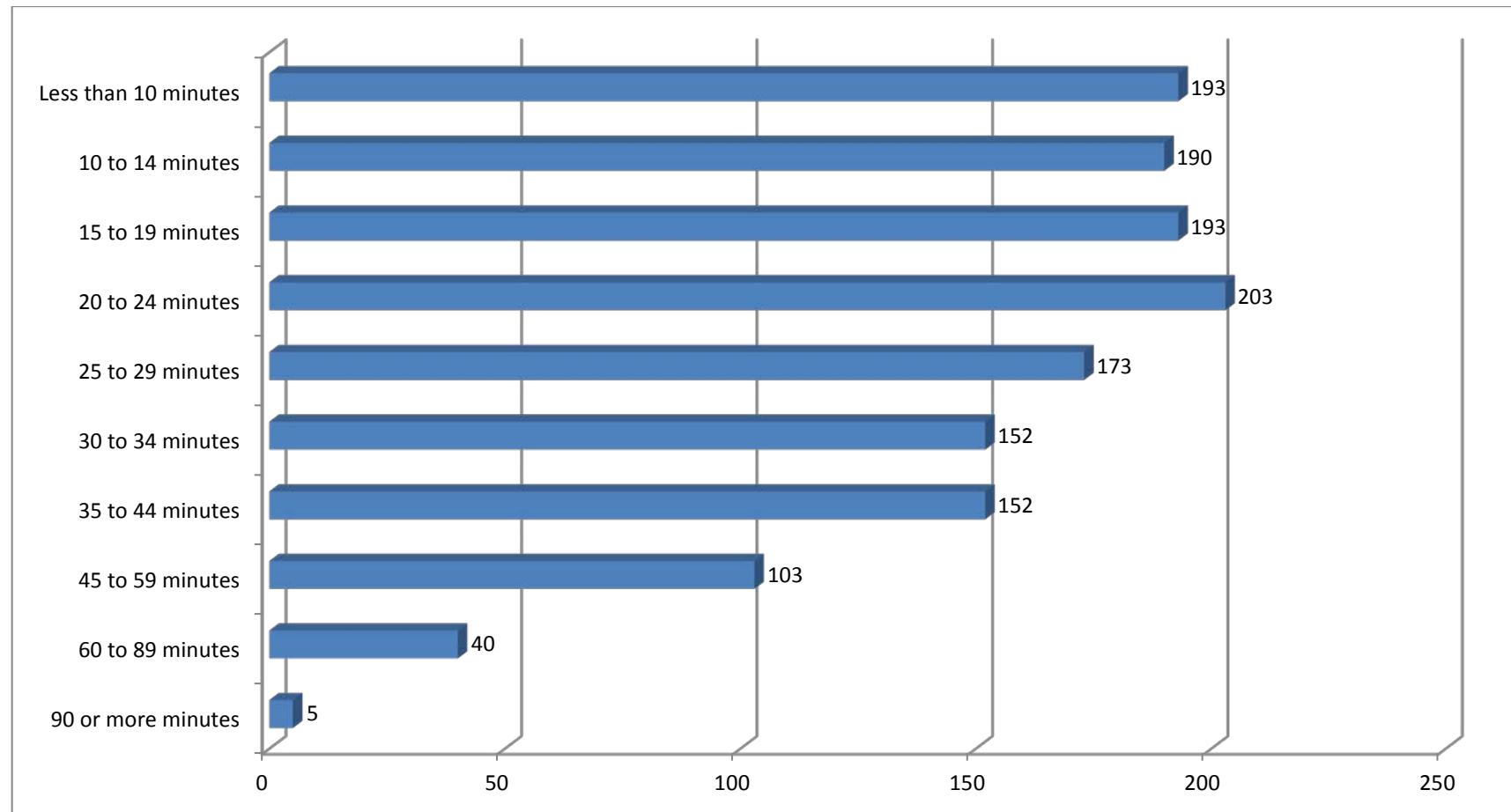
## Q12: How would you describe your neighborhood?



**Number of Responses: 1,805**

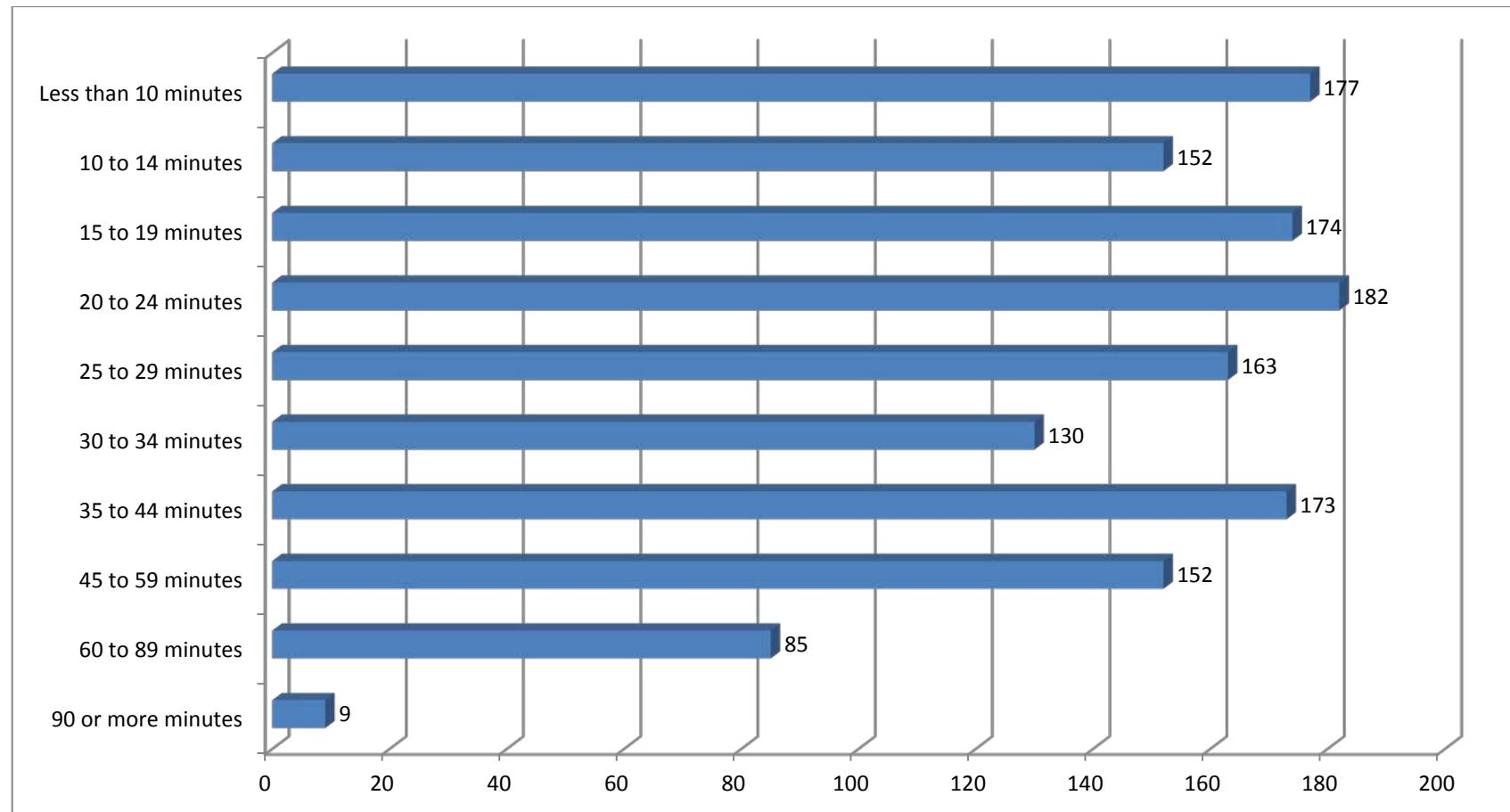
Question 12 received 1,805 responses. From that total, 1,267 responses (70.2%) said that they live in a *Suburban* neighborhood, 274 responses (15.2%) said they live in an *Urban* neighborhood, and 110 responses (6.1%) said live in a *Rural* neighborhood.

## Q13: How long is your commute from HOME to work?



Question 13 resulted in a wide spread of home to work commute times. The largest percentage was captured in the *20 to 24 minutes* time period with 11.2% of responses.

## Q14: How long is your commute from WORK to home?

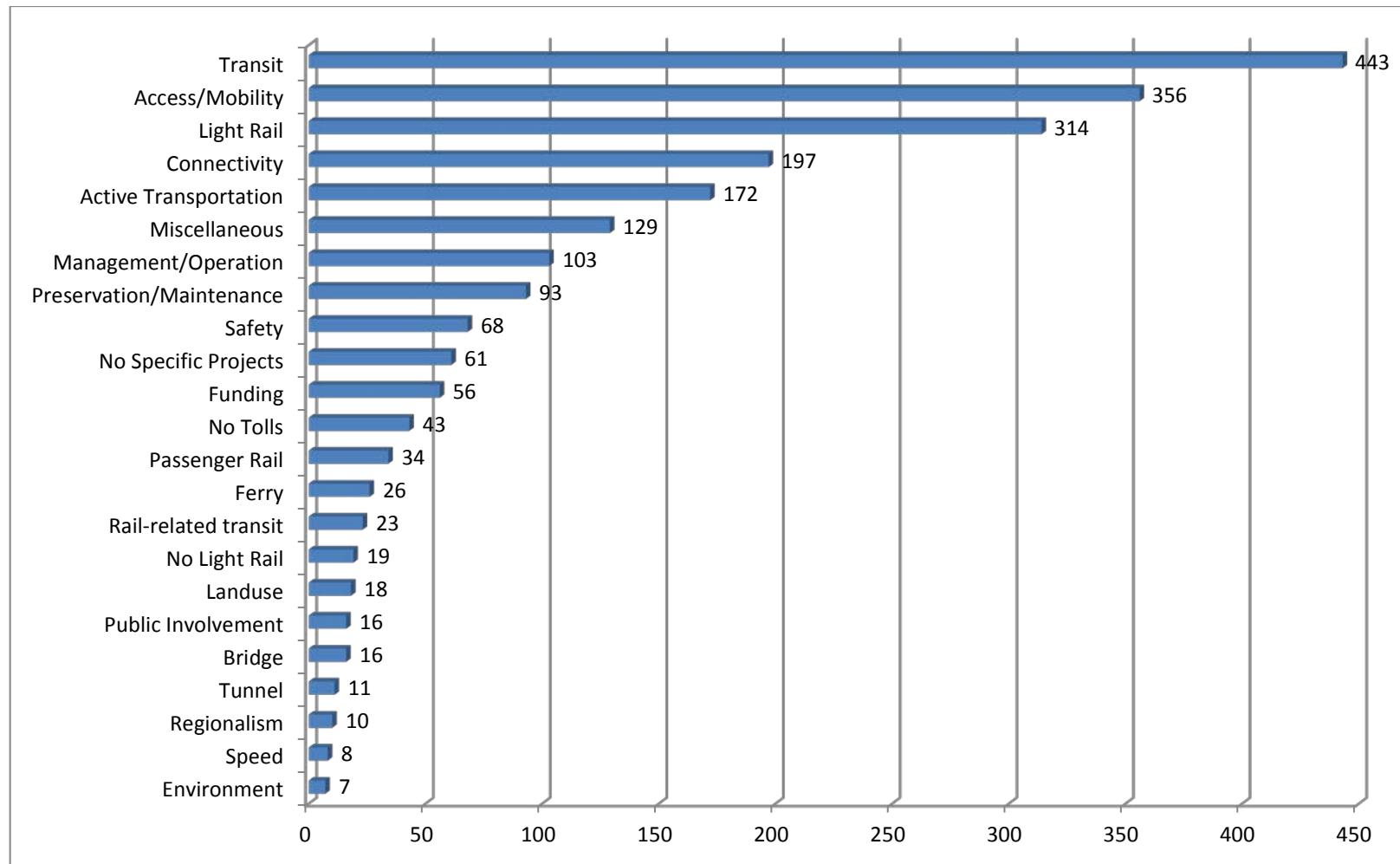


**Number of Responses: 1,805**

The *20 to 24 minutes* time period had the highest percentage of responses (10.1%). One thing to point out is that the *35 to 44 minutes* time period had a larger percentage than the *25 to 29 minutes* time period in Question 14 than Question 13. Therefore, it can be concluded that it takes longer to travel from work to home than home to work for some respondents.

## Section 2: Open-ended Questions

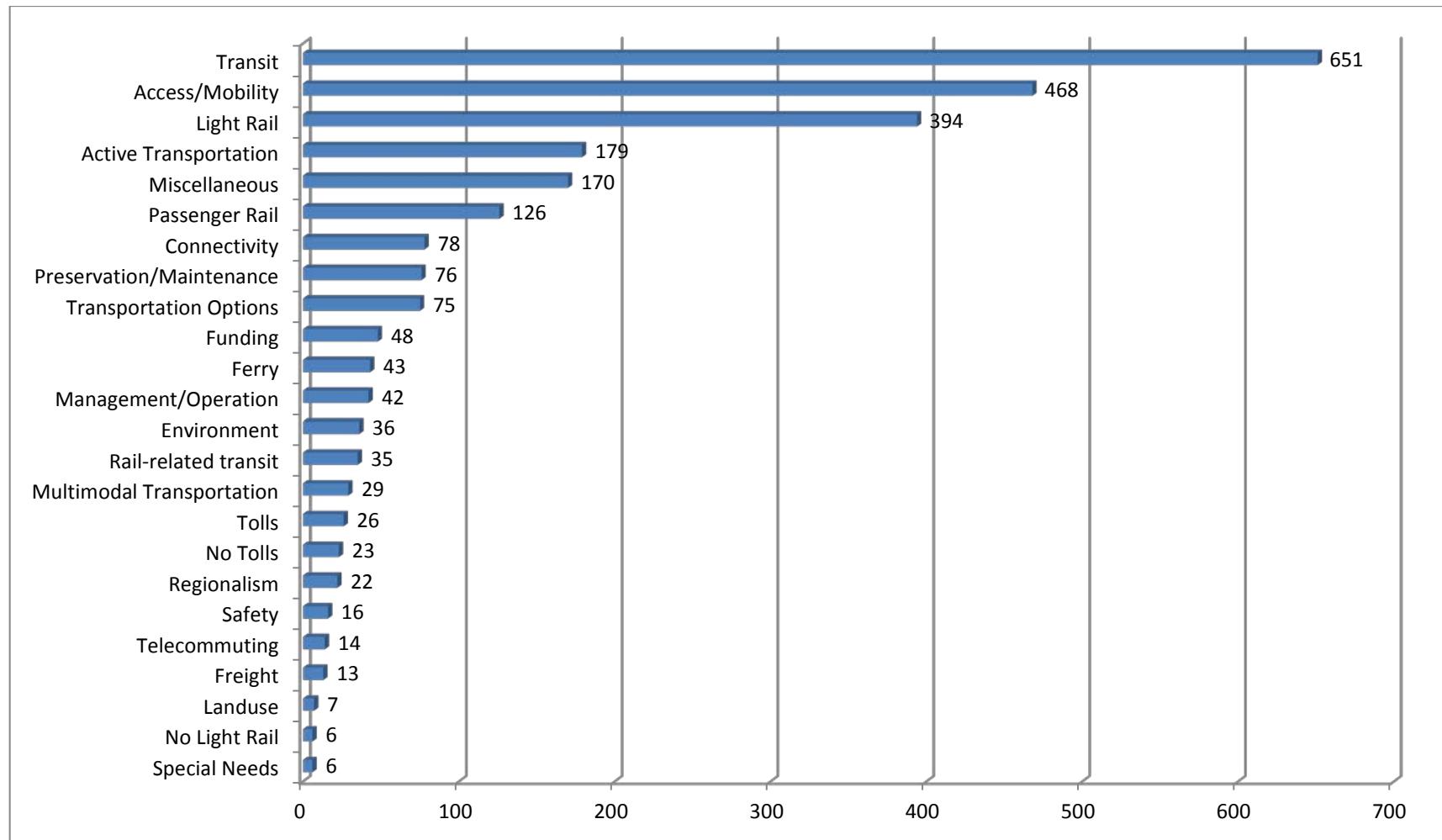
## Q17: Do you have ideas about specific transportation projects/locations for projects?



**Number of Responses: 1,080**

Question 17 was the first of three open-ended questions in the visioning survey. Number of responses totaled to 1,080. Transit related projects were most popular amongst respondents. Such suggestions related to improvements to the existing transit system and the expansion of the light rail system. In fact, *Light Rail* made up of approximately 71% of the *transit* related projects. Plenty of *Access/Mobility* project suggestions were provided in the survey. Many related to widening facilities such as I-64 and the Hampton Roads Bridge Tunnel (HRBT) and providing roadway access for cyclists and pedestrians. Please see Appendix C for the list of candidate *Miscellaneous* project suggestions.

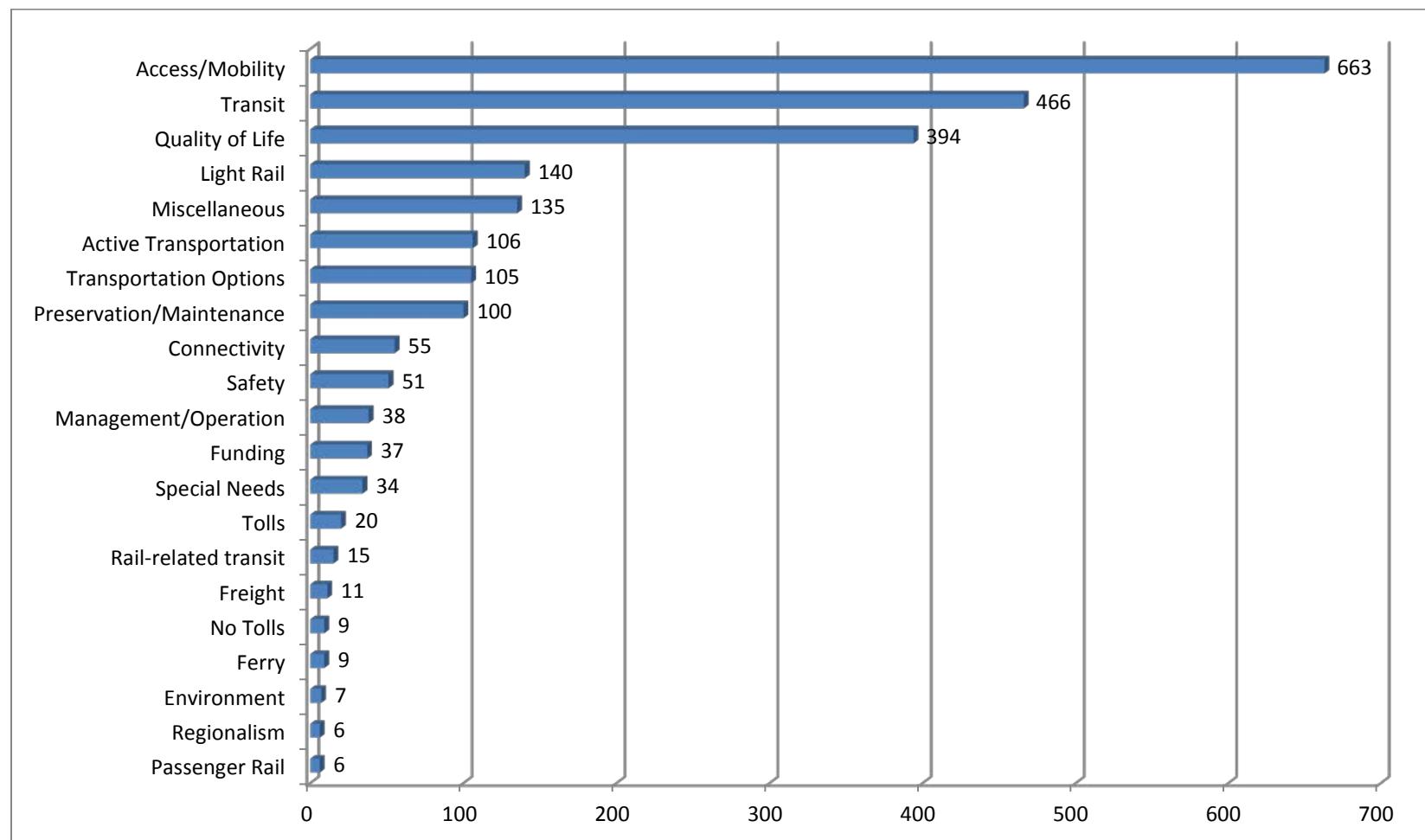
## Q18: What is your vision of transportation in Hampton Roads in 2040?



**Number of Responses: 1,161**

*Transit* related visions appeared the most for Question 18. They made up 56.1% of the responses. *Light Rail* made up 60.5% of the transit related visions. Several of the access/mobility related responses referred to a 2040 with less congestion on roadways, expanded facilities, and additional water crossings between the Peninsula and Southside. Many of the active transportation responses referred to the addition of bike lanes and trails. Some of the miscellaneous responses related to adding restrictions (e.g., prohibiting bicycles on sidewalks), providing education programs for motorists and non-motorists, and opening certain gates at the Norfolk Naval Base. Please see Appendix D for the list of *Miscellaneous* responses.

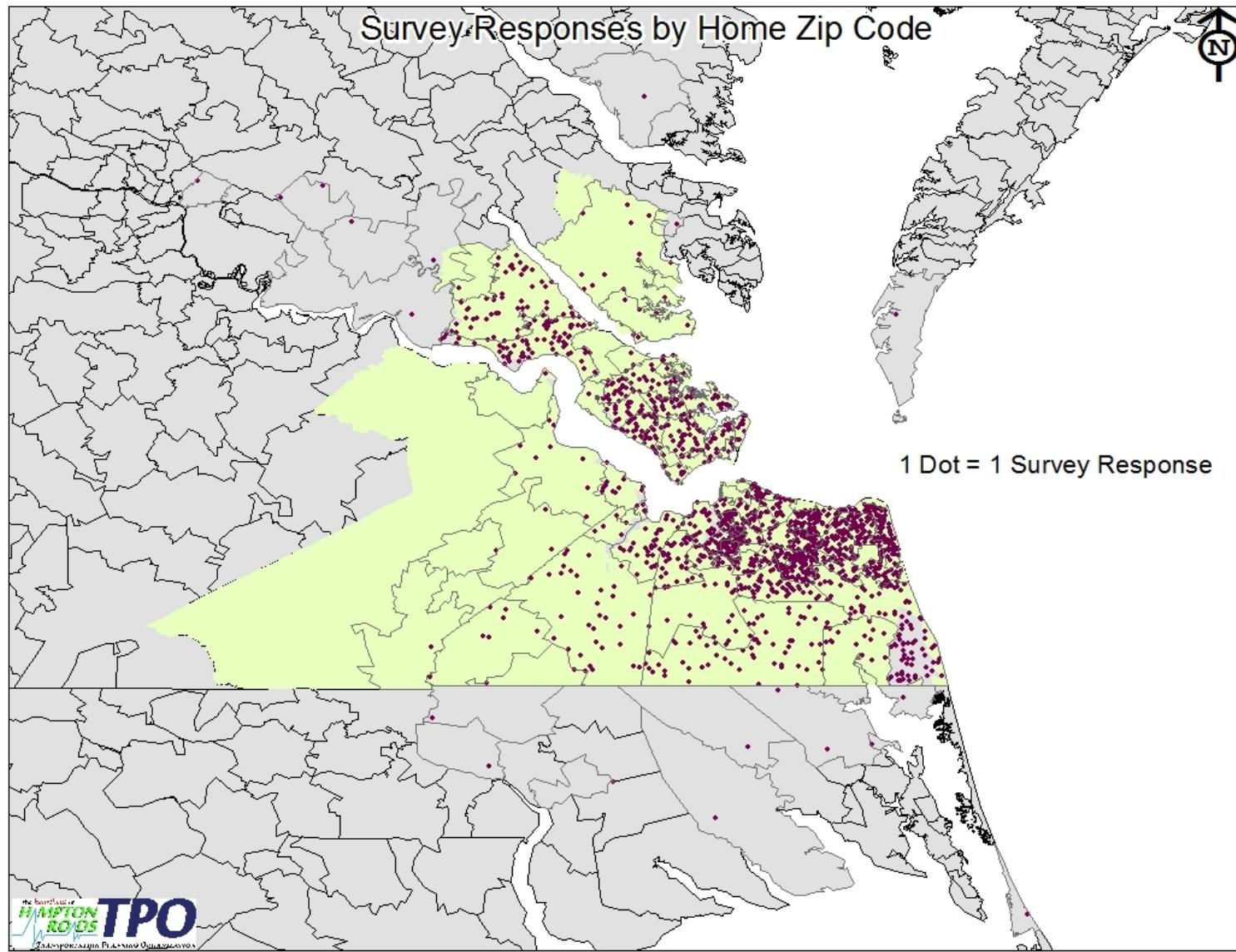
## Q19: Do you think the existing transportation system meets the needs of all citizens in Hampton Roads?



**Number of Responses: 1,152**

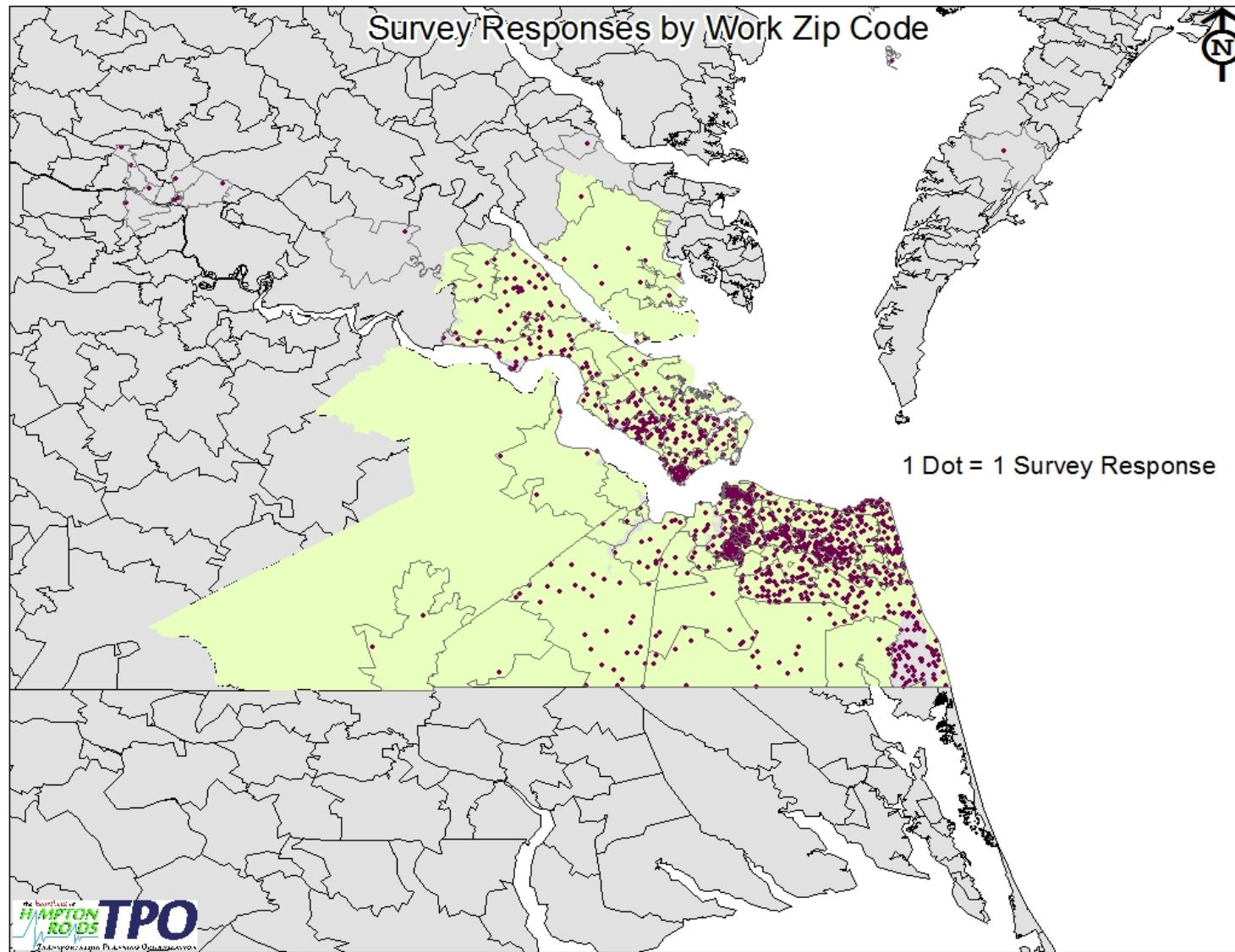
Question 19 received 1,152 responses. *Access/Mobility* was the most popular category for respondents. It made up 57.5% of the responses. Another common subject brought up amongst survey respondents was the interference of congestion on their quality of life; approximately 34.2% of responses referred to quality of life issues. Several responses described transit as an issue in Hampton Roads citing examples such as lack of service in certain areas or limited accessibility. Please refer to Appendix D for the list of *Miscellaneous* responses.

## Section 3: Home and Work Zip Codes



**Map 1: Survey Responses by Home Zip Codes**

Map shows a well distribution of dots (i.e., surveys were submitted across the region). Not all zip codes could be mapped due to unknown locations of these zip codes and/or they were not in the zip code database that was used.



**Map 2: Survey Responses by Work Zip Codes**

Map shows a well distribution of dots (i.e., surveys were submitted across the region). Not all zip codes could be mapped due to unknown locations of these zip codes and/or they were not in the zip code database that was used.

## Section 4: Key Findings

What can be taken away from the 2040 LRTP Visioning Survey report? What makes this survey different from the 2034 LRTP survey? The purpose of this section is to highlight the key findings from the survey. Of all the subjects that were brought up by the 1,805 survey respondents, public transportation and light rail stood out the most. These two topics are summarized below and through an infographic, along with the related topics of active transportation and transportation options.

## **Transit**

Like many regions across the United States, Hampton Roads is slowly moving away from the 1950s concept that transportation and mobility revolve around the automobile. The 2040 LRTP Visioning Survey showed that many survey respondents truly have an interest in using public transportation. When asked for a vision of Hampton Roads in 2040, approximately 56% of survey respondents focused on public transportation. When asked for candidate transportation project suggestions, approximately 41% of survey respondents suggested projects relating to public transportation. Big takeaway: people want to take public transportation to get them around Hampton Roads. However, many respondents pointed out current issues with public transportation, such as long travel times and lack of availability throughout the region.

## **Light Rail**

If there was any mention of public transportation in a survey response, it was often about light rail. In fact, approximately 71% of the public transportation project suggestions referenced light rail. Many survey respondents expressed the need to expand The Tide, the region's light rail system. There was a large preference for expanding The Tide across the Southside area of Hampton Roads particularly to the Virginia Beach Oceanfront and to the military bases in and around Norfolk. In addition, some survey respondents thought The Tide should be brought over to the Peninsula.

## **Active Transportation**

Active transportation involves non-motorized transportation modes. Active transportation is another prominent subject matter in responses to the 2040 LRTP Visioning Survey. Based on results, the survey revealed that there is a desire for more facilities for active transportation (e.g., biking and walking) across Hampton Roads. In addition to increasing recreational activities, survey respondents believe that providing more of these facilities would have other benefits. When asked for the most effective way to reduce transportation congestion, approximately 33% of survey respondents indicated that providing more biking and walking facilities would help reduce congestion. It should be noted that survey respondents who requested additional biking and walking facilities throughout the region cited expected increases in access, mobility, and safety.

## Transportation Options

The 2040 LRTP Visioning Survey provided the opportunity for survey respondents to share that the transportation system does not meet their needs. Approximately 9% of survey respondents stated that the region lacked transportation options. Although, this is not a very big percentage of those who participated in the survey, when combined with the transit and active transportation responses, the overall message is that many people are willing to use other forms of transportation to get around. The survey respondents who were in favor of having more transportation options suggested improved and additional connections between modes thereby making the region's transportation system more intermodal.

# Key Findings

## Transportation Options



Approximately **9%** of survey respondents stated that the region lacked transportation options. Combining this with the transit and active transportation responses, the survey revealed a general interest in non-auto forms of transportation.

## Transit

The 2040 LRTP Visioning Survey showed that many survey respondents truly have an interest in using public transportation. Approximately **56%** of survey respondents focused on public transportation.



## Light Rail



Approximately **71%** of the public transportation project suggestions referenced light rail. Many survey respondents expressed the need to expand The Tide, the region's light rail system.

## Active Transportation



Approximately **33%** of survey respondents indicated that providing more biking and walking facilities would help reduce congestion.

# Next Steps

The 2040 LRTP Visioning Survey Questionnaire provided an opportunity for the public to voice its opinions on the region's transportation system in the early stages of the planning process. In order to ensure that the region's LRTP continues to reflect the values and opinions of the public, the HRTPO will engage the public throughout the development of the 2040 LRTP.

This survey is a useful tool by which it allows HRTPO staff to get a general understanding of how people view the transportation system and where they would like investments to be made. Responses from the survey will be used to help develop the 2040 LRTP Vision and Goals as well as the list of candidate transportation project suggestions that will be evaluated in the Project Prioritization Tool. This Tool gives a score to projects based on three components: Project Utility (i.e., the project's ability to solve existing transportation issues), Project Viability (i.e., readiness of the project to be constructed), and Economic Vitality (i.e., the project's ability to support regional plans for future development and economic growth). HRTPO developed the Tool to assist decision-makers in effectively comparing projects. Transportation project suggestions deemed vital by the LRTP Subcommittee will be scored.

# Appendix A: 2040 LRTP Visioning Survey Questionnaire



# TRANSPORTATION PLANNING ORGANIZATION

*Imagine the year 2040 - what will Hampton Roads look like? How will we get around? What transportation choices will be available for the next generation?*

The Hampton Roads Transportation Planning Organization (HRTPO) is updating the Long-Range Transportation Plan. Entitled ***Navigating the Future to 2040***, this plan will address future road, transit, passenger rail, freight, bicycle and pedestrian needs for the region. Because these are ***your*** needs, and because this plan will directly impact ***you*** and shape ***your quality of life***, we want to hear your perspective and opinions on vital transportation issues in the region. In this way, we can ***mutually*** shape a vision for Hampton Roads. ***Help us navigate the region's future!*** This short survey should only take about 5 minutes to complete and will be used to help guide transportation in Hampton Roads. We thank you for assisting us with identifying these issues, and enabling us to direct resources to solving these needs.

Please send completed surveys by mail to 723 Woodlake Drive, Chesapeake, VA 23320 or fax (757) 523-4881. Surveys may also be completed by visiting our website: <http://www.hrtpo.org>

## **Regional Concerns**

### **1. What do you believe are the most important issues facing the Hampton Roads region?**

(Circle all that apply)

- a.** Building and maintaining a competitive regional economy
- b.** Cleaning up the environment/improving air quality
- c.** Curbing urban/suburban sprawl
- d.** Dealing with global warming, greenhouse gas emissions, and rising sea level
- e.** Reducing highway congestion
- f.** Increasing housing variety and affordability
- g.** Increasing regional cooperation
- h.** Preserving open space/farmland
- i.** Improving parks and recreational opportunities
- j.** Reducing crime
- k.** Revitalizing urban centers and towns
- l.** Rising home and automobile energy costs
- m.** Other:

### **2. What are the top transportation problems you are most concerned with? (Circle all that apply)**

- a.** Traffic congestion
- b.** Poor pavement condition
- c.** Lack of public transportation (bus, light rail, etc.)
- d.** Lack of biking/walking options (bike lanes, sidewalks, crosswalks, etc.)
- e.** Safety (i.e. speeding, red light running, accidents, etc.)
- f.** Rising transportation costs (tolls, fuel costs, transit fares, parking costs, etc.)
- g.** Other:

### **3. What is the most critical transportation problem in your NEIGHBORHOOD? (Circle one)**

- a.** Lack of highway or road network
- b.** Lack of sidewalks/crosswalks
- c.** Lack of bicycle lanes/trails
- d.** Lack of transit service
- e.** Lack of safe access to transit and/or lack of amenities (i.e. shelter, benches, trash receptacles, etc.)

**\*Additional answer options on the next page**

**f.** Lack of coordination between land use and transportation (roadway type does not match character of surrounding land)

**g.** Safety issues (i.e. speeding, red light running, accidents, etc.)

**h.** Traffic congestion

**i.** Other:

### **Reducing Congestion**

**4. What do you think is the most effective way to reduce transportation congestion in our region? (Circle all that apply)**

- a.** Increasing dedicated transportation funding
- b.** Expanding the highway system
- c.** Expanding the transit system (i.e. bus, light rail, ferry, etc.)
- d.** Improving the connection between land use and transportation planning
- e.** Improving the operation of existing highway facilities (i.e. coordinating traffic signals)
- f.** Improving the operation of existing transit service
- g.** Improving traveler information (i.e. electronic message signs, 511, highway advisory, radio)
- h.** Improving education on carpooling and ridesharing
- i.** Reducing the time to clear crashes
- j.** Adding turn lanes at intersections
- k.** Providing more biking and walking facilities
- l.** Providing additional passenger rail service between metro areas
- m.** Other:

### **Transportation Funding**

**5. Which of the following would you prefer your tax dollars to be spent on in Hampton Roads? (Circle all that apply)**

- a.** Bicycle lanes and trails
- b.** Sidewalks/crosswalks
- c.** Buses (more efficient busses, shelter, etc.)
- d.** Highway construction
- e.** Turn lanes at intersections

**\*Additional answer options on the next page**

- f.** Highway operations (i.e. coordinating traffic signals)
- g.** Traveler information (i.e. electronic message signs, 511, highway advisory, radio)
- h.** Light rail (i.e. The TIDE)
- i.** Passenger rail (i.e. AMTRAK)
- j.** Ferries

**6. If additional funding is needed to improve transportation in the region, which of the following potential funding sources would you support? (Circle all that apply)**

- a.** Increase in gas tax
- b.** Increase in sales tax
- c.** Increase in vehicle registration fees
- d.** Tolls
- e.** Government backed low interest loans and bonds
- f.** Private-Public Partnerships (a government service or private business venture which is funded and operated through a partnership of government and one or more private sector companies)
- g.** Other:

### Primary Mode of Transportation

**7. How do you normally get around in Hampton Roads? (Circle one)**

- a.** Drive Alone
- b.** Vanpool
- c.** Carpool
- d.** Walk
- e.** Bicycle
- f.** Bus
- g.** Light Rail
- h.** Passenger Ferry
- i.** Motorcycle
- j.** Taxi
- k.** Other:

**\*If you answered "Bus," "Light Rail," or "Passenger Ferry" above, please proceed to Questions 8 and 9. For all others, please proceed to Question 10.**

## Public Transportation

8. If you depend on Public transportation, do your transportation options prohibit/limit access to work and/or school? If yes, please explain.

- a. No
- b. Yes:**

9. Do you feel safe using public transportation? If no, please explain.

- a. Yes
- b. No:**

## Secondary Mode of Transportation

10. In addition to how you normally get around in Hampton Roads, please circle all other forms of transportation you have used in the past year (i.e. for work, recreation, shopping, etc.).

- a. Drive Alone
- b. Vanpool**
- c. Carpool
- d. Walk**
- e. Bicycle
- f. Bus**
- g. Light Rail**
- h. Passenger Ferry**
- i. Motorcycle
- j. Taxi
- k. Other:**

11. Does anyone in your household have a special transportation need due to age or disability?

- a. Yes
- b. No**

**12. How would you describe your neighborhood?**

- a.** Urban (i.e. downtown Norfolk, downtown Hampton)  
– James City County)
- b.** Suburban (i.e. Great Bridge neighborhood – Chesapeake, Kingsmill neighborhood
- c.** Rural (i.e. Gloucester County)

**13. How long is your commute from HOME to work?**

- a.** Less than 10 minutes
- b.** 10 to 14 minutes
- c.** 15 to 19 minutes
- d.** 20 to 24 minutes
- e.** 25 to 29 minutes
- f.** 30 to 34 minutes
- g.** 35 to 44 minutes
- h.** 45 to 59 minutes
- i.** 60 to 89 minutes
- j.** 90 or more minutes
- k.** N/A

**14. How long is your commute from WORK to home?**

- a.** Less than 10 minutes
- b.** 10 to 14 minutes
- c.** 15 to 19 minutes
- d.** 20 to 24 minutes
- e.** 25 to 29 minutes
- f.** 30 to 34 minutes
- g.** 35 to 44 minutes
- h.** 45 to 59 minutes
- i.** 60 to 89 minutes
- j.** 90 or more minutes
- k.** N/A

**15. What is the zip code of your Primary Workplace? (5 digit number)**

**16. What is the zip code of your Primary Workplace? (5 digit number)**

**17. Do you have ideas about specific transportation projects/locations for projects? (Limit 350 characters)**

**18. What is your vision of transportation in Hampton Roads in 2040? (Limit 350 characters)**

**19. Do you think the existing transportation system meets the needs of all citizens in Hampton Roads? If no, please explain.**

- a. Yes**
- b. No:**

**20. If you would like to be notified of the survey results or would like to be included in the HRTPO's mailing list, please provide your email address below. (Optional)**



# the *heartbeat* of HAMPTON ROADS TPO TRANSPORTATION PLANNING ORGANIZATION

Thank you very much for your participation!

Again, please send completed surveys by mail to 723 Woodlake Drive, Chesapeake, VA 23320 or fax (757) 523-4881. Surveys may also be completed by visiting our website:

<http://www.hrtpo.org>

If you like to know more about the Hampton Roads Transportation Planning Organization (HRTPO) and our various programs, please visit us at

<http://hrtpo.org/>

If you would like more information on the Regional Long-Range Transportation Plan, please visit

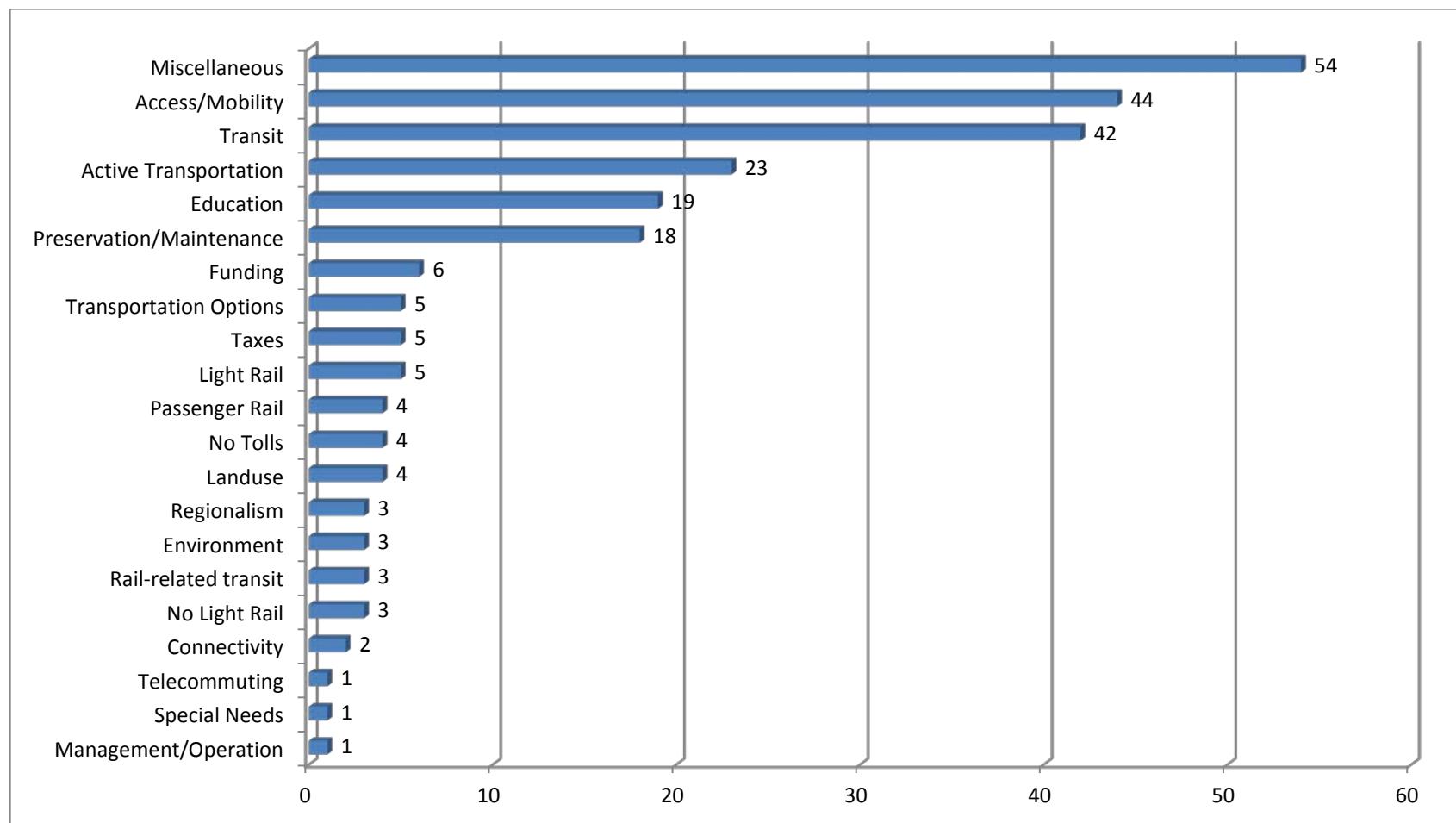
[http://hrtpo.org/TPO\\_LongRange.aspx](http://hrtpo.org/TPO_LongRange.aspx)

If you would like to know more about the status of current projects in Hampton Roads, please visit our interactive website for the Transportation Improvement Program at

<http://www.hrtip.org/>

## Appendix B: *Other* Responses from Multiple Choice Questions

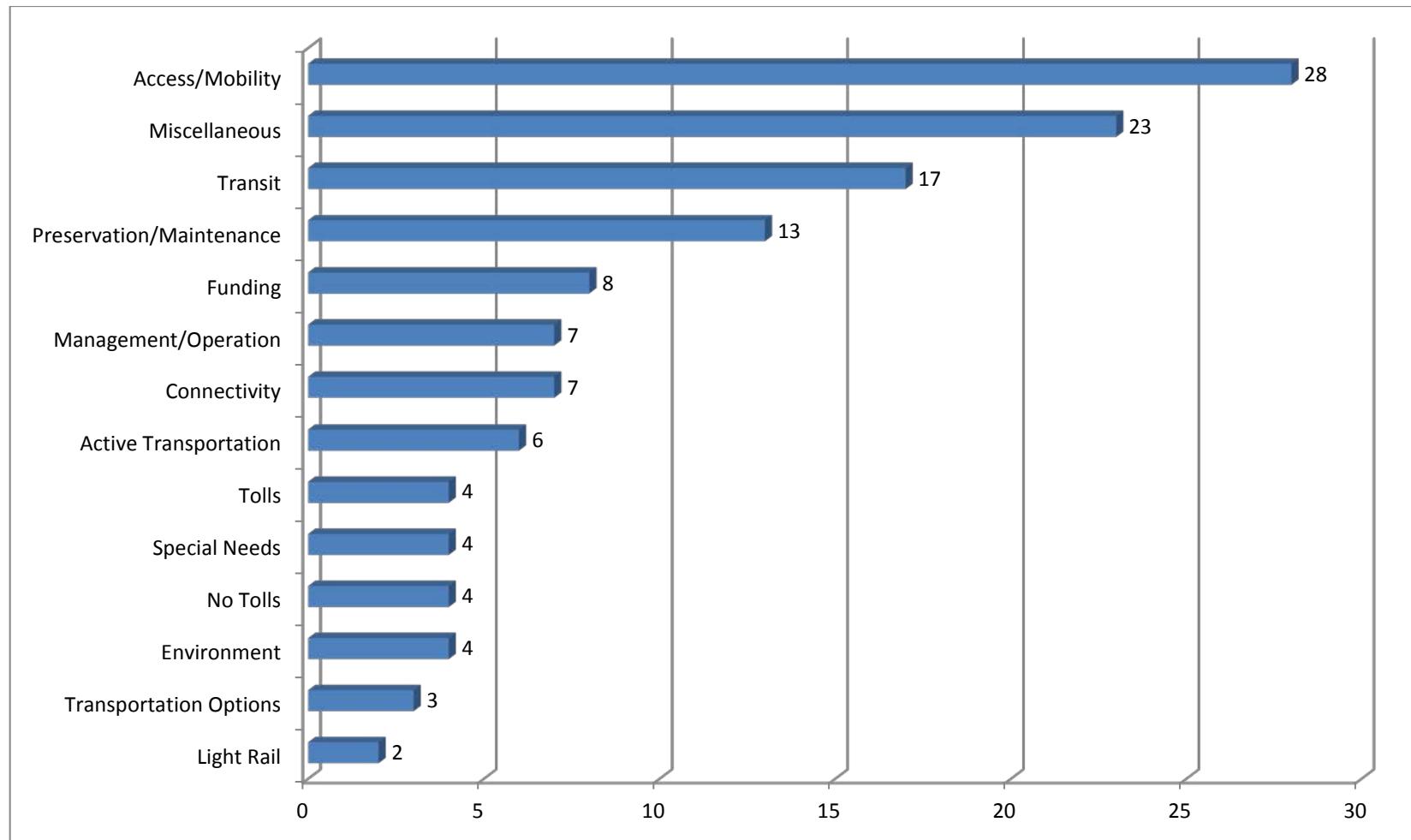
## Q1: What do you believe are the most important issues facing the Hampton Roads region? (Other)



**Number of Responses: 210**

Survey respondents selecting *Other* expressed their concerns on issues relating to *Access/Mobility* (e.g., congestion and access in traveling to destinations), *Transit* (e.g., better efficiency and adding light rail), *Active Transportation* (e.g., the addition of bike lanes/paths to roads), and other miscellaneous items (e.g., limiting government spending, maintaining military facilities, and developing/utilizing alternative energy sources). Please see Appendix D for the list of *Miscellaneous* responses.

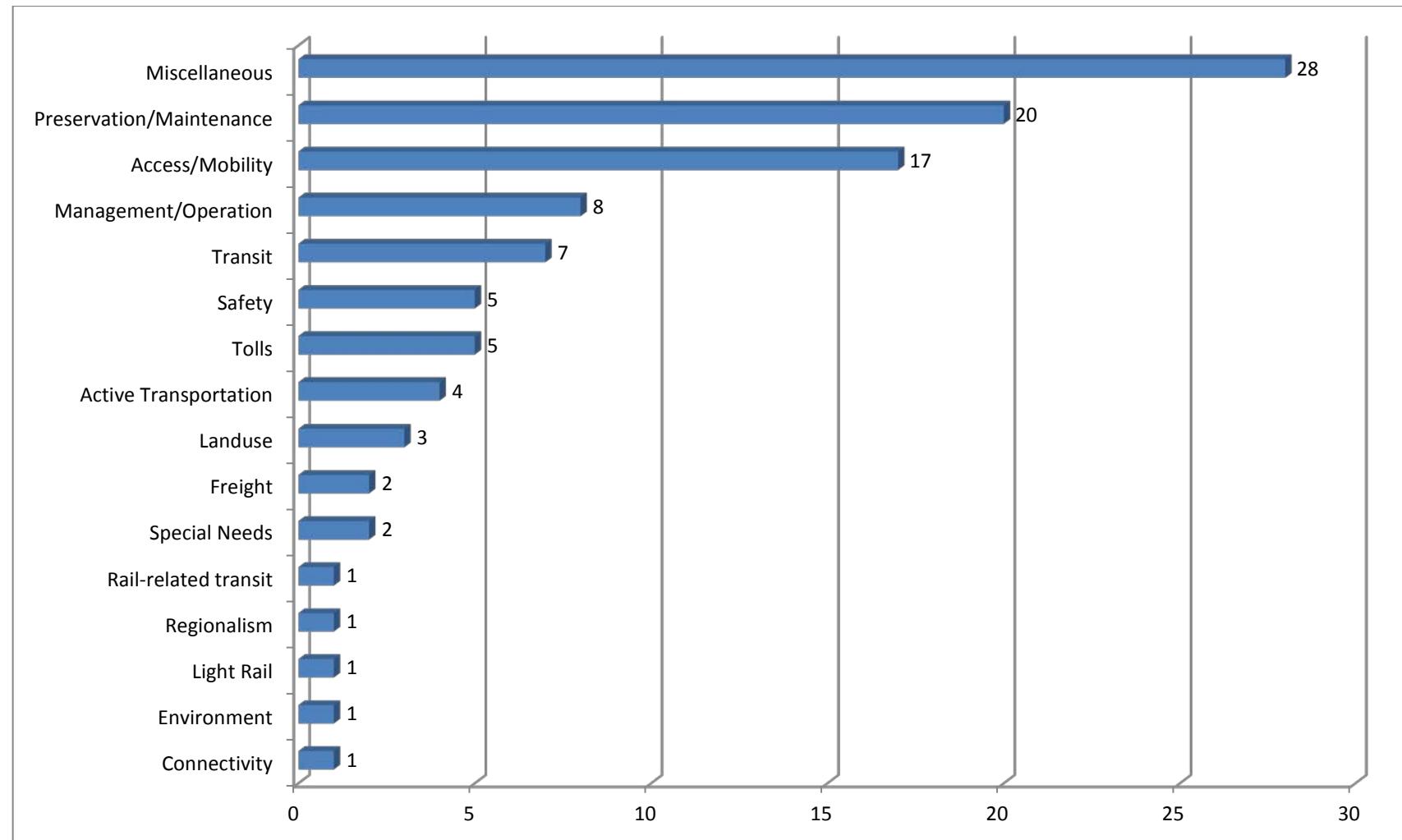
## Q2: What are the top transportation problems you are most concerned with? (Other)



**Number of Responses: 112**

Miscellaneous responses related to a wide variety of issues such as facilities or modes that are inaccessible to those with special needs, traffic violation enforcement, and flooding. Responses that related to *Access/Mobility* focused on congestion or insufficient access/mobility on facilities. Transit related issues brought up by responses include light rail, lack of shelter at bus stops, and lack of connections in the bus routes. Please refer to Appendix D for the list of *Miscellaneous* responses

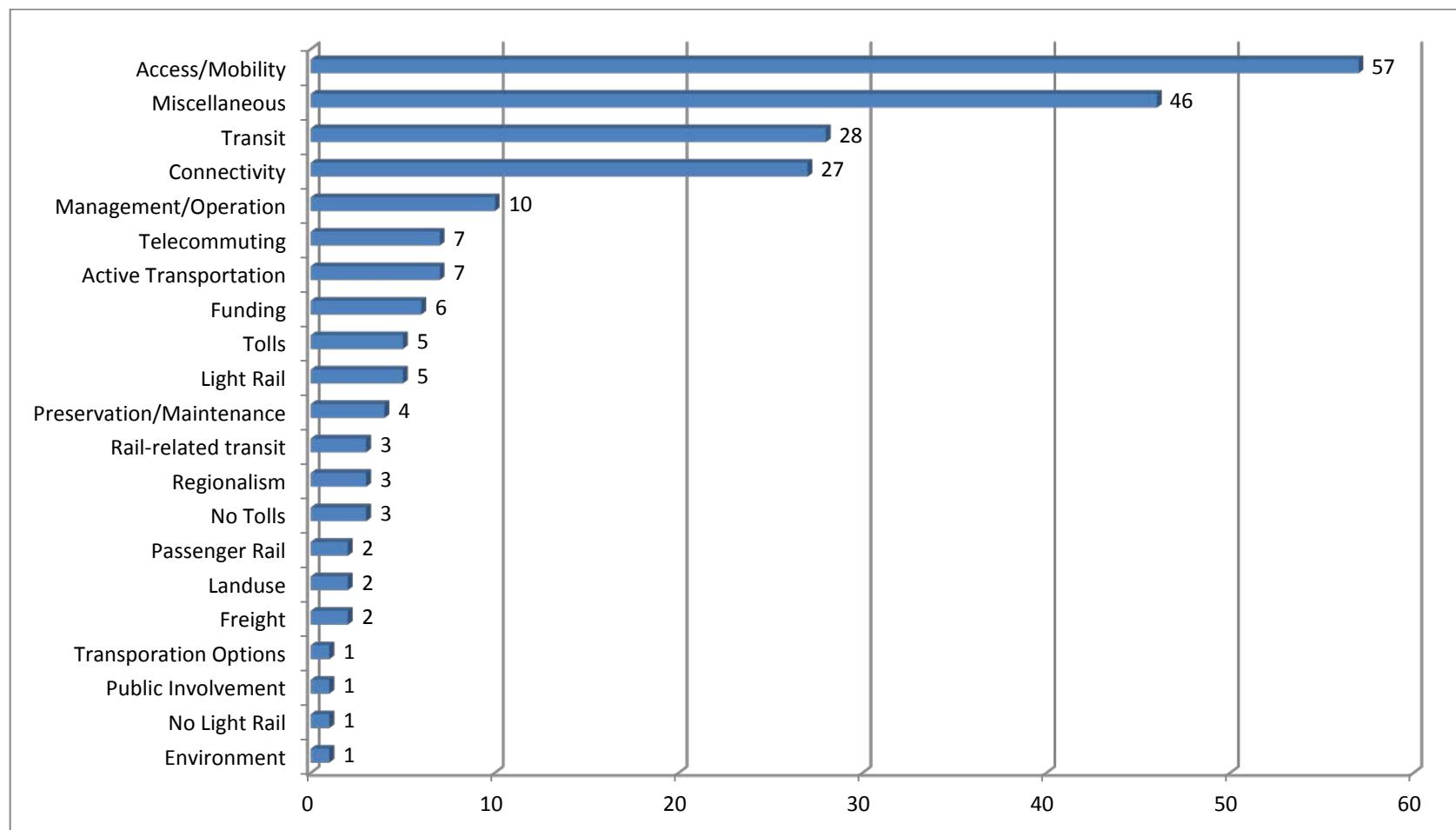
### Q3: What is the most critical transportation problem in your NEIGHBORHOOD? (Other)



**Number of Responses: 117**

*Other* related to Access/Mobility issues, Preservation/Maintenance issues (e.g., upkeep of road surfaces) and Miscellaneous issues (e.g., flooding and lack of parking). Please see Appendix D for the list of *Miscellaneous* responses.

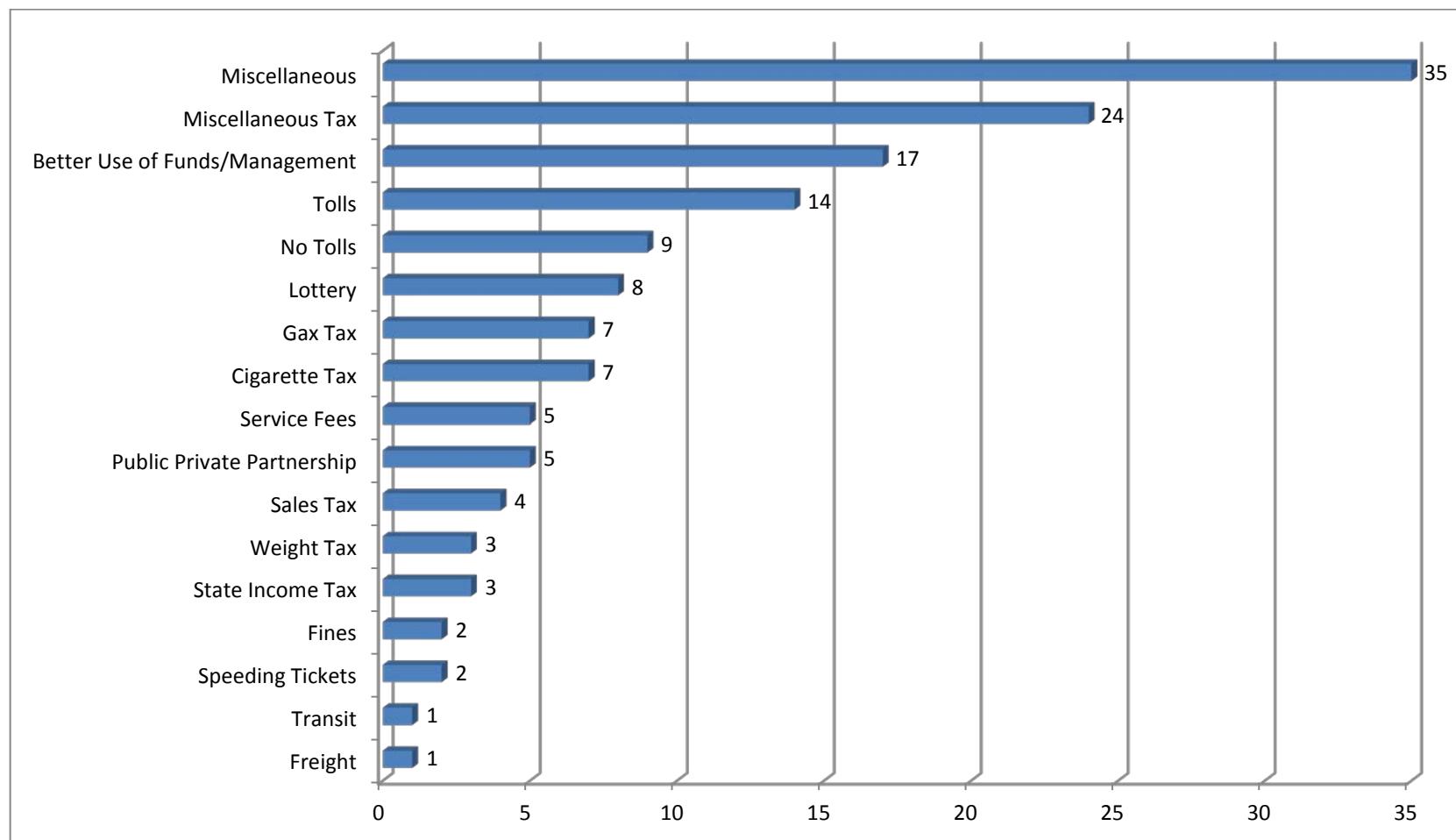
#### Q4: What do you think is the most effective way to reduce transportation congestion in our region? (Other)



**Number of Responses: 167**

Many of the responses that were categorized as *Access/Mobility* related to expanding the highway system. Some respondents were specific with their access/mobility related responses such as adding another crossing while others were more specific (e.g., add another lane to HRBT). *Miscellaneous* responses varied in methods to reduce congestion such as increasing the gas tax, educating employers on telecommuting, and stricter enforcement of traffic laws. Please refer to Appendix D for the list of *Miscellaneous* responses.

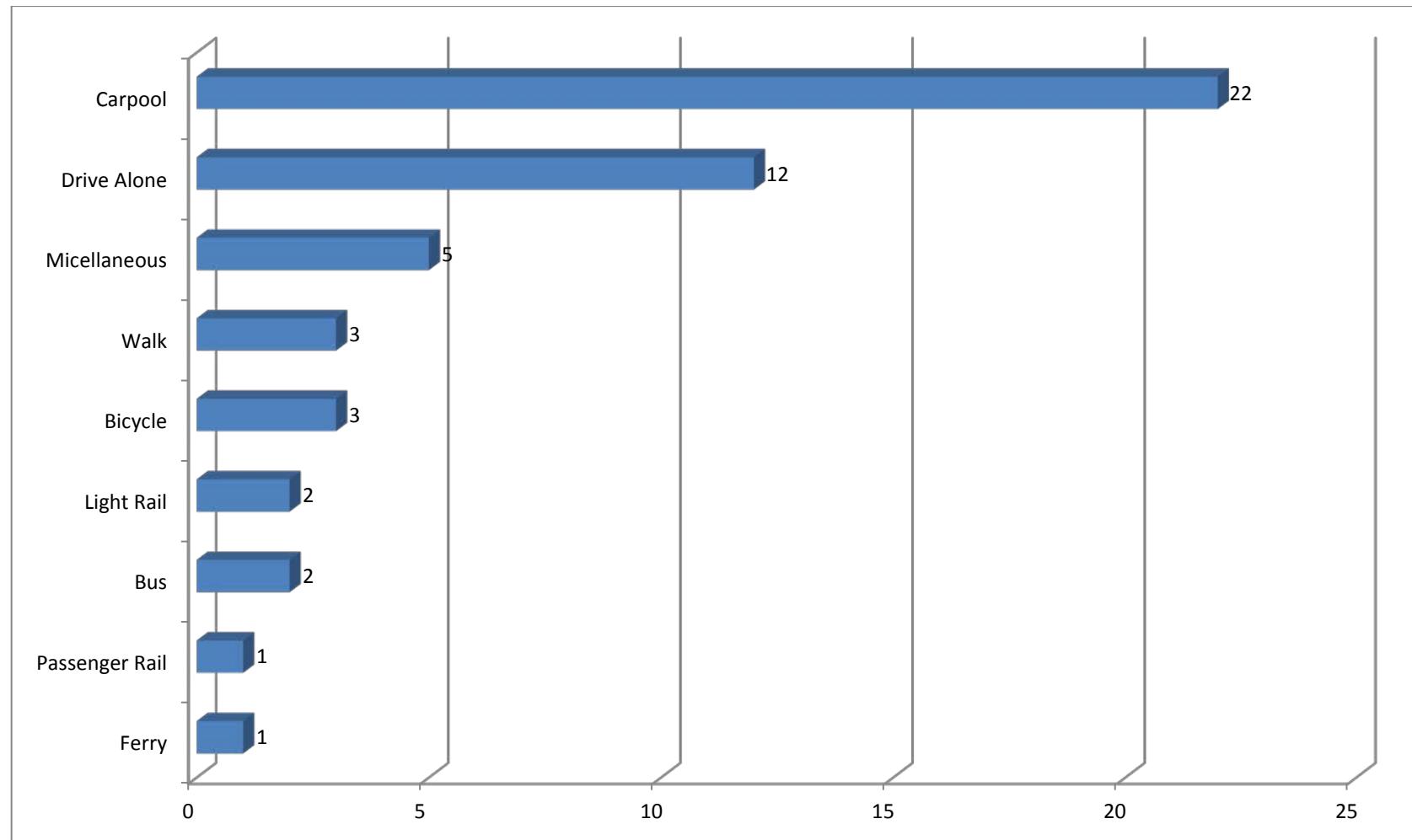
Q6: If additional funding is needed to improve transportation in the region, which of the following potential funding sources would you support? (Other)



**Number of Responses: 145**

It is quite clear that *Miscellaneous Tax* (e.g., vehicle miles traveled tax and property tax) and *Better Use of Funds/Management* were favorable among the 145 respondents who chose *Other* for Question 6. *Miscellaneous* suggestions varied across the board from ending oversea wars to reducing welfare funding. Please see Appendix D for the list of *Miscellaneous* responses.

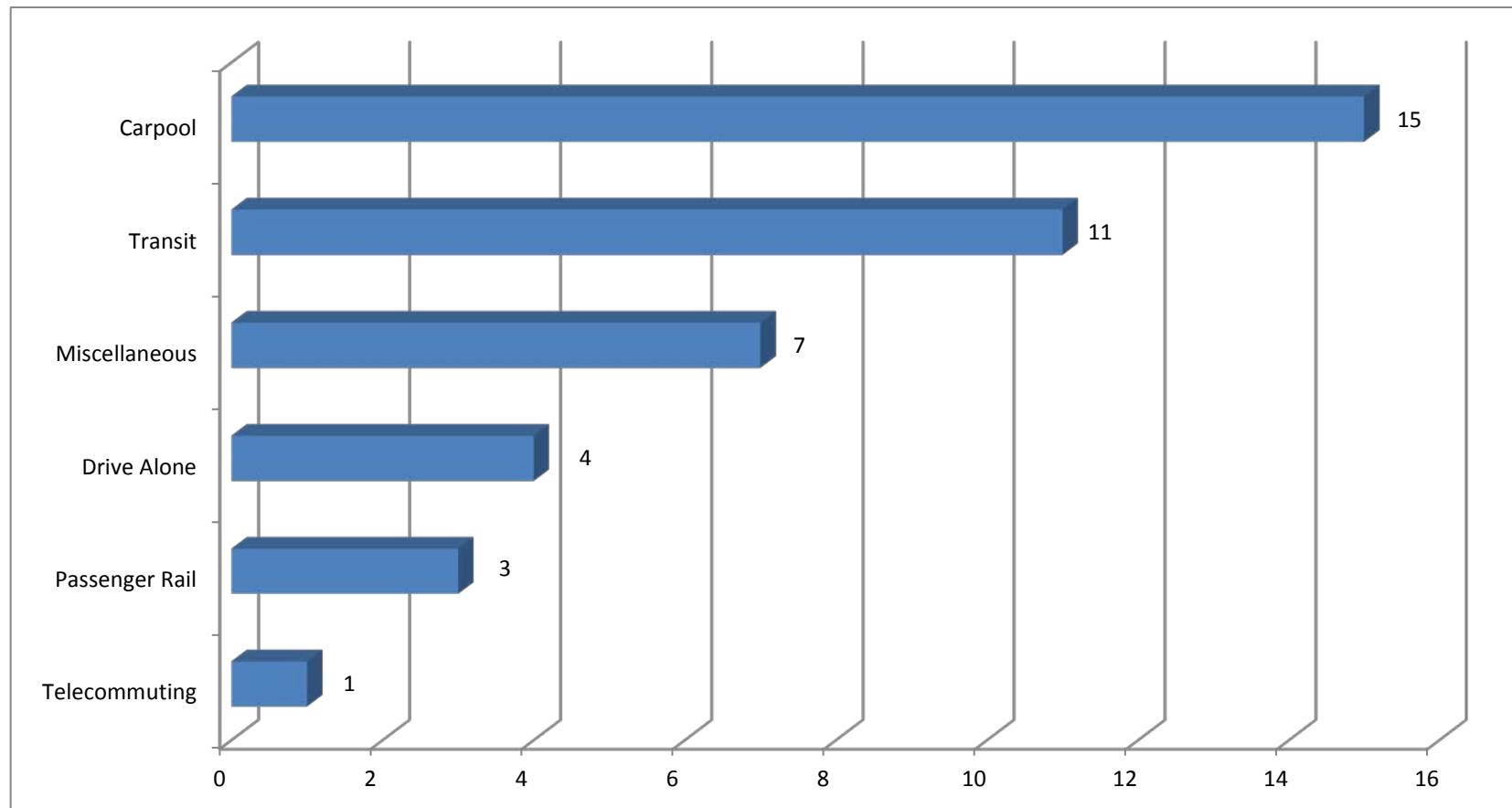
## Q7: How do you normally get around in Hampton Roads? (Other)



**Number of Responses: 43**

*Other* which represented 2.4% of respondents related to passenger rail, telecommuting, and some of the given choices (e.g., driving alone, carpooling, walking, and cycling). Respondents that selected *Other* may have done so to give an explanation to their mode of transportation or they were unsure as to what each given choice included. It should be noted that survey respondents were asked to select one mode of transportation for Question 7. However, the total number of responses was 1,807 rather than 1,805. This is due to one respondent selecting three primary modes of transportation. Please refer to Appendix D for the list of *Miscellaneous* responses.

Q10: In addition to how you normally get around in Hampton Roads, please select all other forms of transportation you have used in the past year (i.e., for work, recreation, shopping, etc.). (Other)



**Number of Responses: 53**

Miscellaneous forms of transportation included limo service, aircraft, ferry, and paratransit. Please see Appendix D for the list of *Miscellaneous* responses.

# Appendix C: Candidate Transportation Project Suggestions

CANDIDATE PROJECTS SUGGESTIONS –  
2040 LRTPO VISIONING SURVEY

## CANDIDATE HIGHWAY PROJECTS SUGGESTIONS

Suggestions focus on additions and improvements to roadway facilities.

## Candidate Projects Suggestions from 2040 L RTP: Highway Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Add capacity to I-64 near Naval Station	n/a	n/a	1
Add 2 lanes to I-64 both directions	Jefferson Ave	Toano Exit	1
Expand three lane portion	Jefferson Ave	West side of Williamsburg	1
Expand I-64	HRBT	Granby St	1
Widen I-64	Coliseum	Strawberry Banks area	1
Expand I-64 (in general)	n/a	n/a	20
Expand I-64	Newport News	Williamsburg	7
Expand I-64 - 2 lanes/3 lanes/4 lanes per direction	n/a	Williamsburg	3
Connect I-64 EB to Rte. 17	n/a	n/a	1
Upgrade I-64	Norfolk	Richmond	1
Expand I-64	Hampton/Newport News	Richmond	22
Improve I-64	South Hampton Roads	Richmond	1
Widen I-64	Newport News	I-295	2
Widen I-64	n/a	Richmond	1
Widen I-64 with atleast 6 or 8 lanes	n/a	Richmond	3
Make I-64 4 lanes all the way to Richmond	n/a	Richmond	1
Expand I-64 - 1 to 4 lanes per direction	Newport News	Richmond	3
Add atleast one lane to I-64	Jefferson Ave	Richmond	1
Widen I-64 without tolls	Jefferson Ave	Richmond	1
Expand I-64	Williamsburg	Richmond	1
More roadways, wider lanes be built on I-64	Newport News	Norfolk	1
Widen I-64 to 4 lanes	Bland Blvd	Ft. Eustis Blvd	1
Widen I-64 3 lanes	Ft. Eustis Blvd	I-294	1
I-64 access at Bland or Denbigh	n/a	n/a	1
Widen I-64	Greenbrier/Battiefield	Bowers Hill	3
Widen I-64	Fort Eustis (Exit 250)	Jefferson Ave (Exit 255)	3
Widen I-64	Exit 231	Exit 255	1

## Candidate Projects Suggestions from 2040 L RTP: Highway Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Widen I-64	Fort Eustis	Towards Williamsburg	1
Widen I-64 (add 1 lane)	Chesapeake	Richmond	1
Address congestion at Independence exit at I-64	n/a	n/a	1
Address congestion at Indian River exit at I-64	n/a	n/a	1
Widen I-64 in Chesapeake including the High Rise Bridge	I-564	I-664	3
Widen I-64	Exit 227	Exit 255	1
Widen I-64 Southside	n/a	n/a	1
Expand I-64	Jefferson Ave	Williamsburg	1
Widen I-64 to 3 lanes	n/a	n/a	1
Addition of lanes on I-64	Patrick Henry Mall area	Williamsburg	1
Address traffic backups on I-64	Victory Blvd	Fort Eustis	1
Add an exit between Greenbrier and Indian River Road or between Indian River Road and the I-264 exit	n/a	n/a	1
Upgrade Interchange at Ft. Eustis Blvd (I-64) and widen it from Warwick Blvd to Jefferson Ave.	Warwick Blvd.	Jefferson Ave	1
Improve I-64 and I-464 interchange - to provide similar facilities and separation of flow/turning movements to the I-64 and Greenbrier Pkwy and I-64 and Battlefield Blvd interchanges.	n/a	n/a	2
Convert pull-over lanes to travel lanes on both sides of I-64 to be right where the two interstates meet	Fort Eustis	Patrick Henry	1
Widen I-64 between Newport News to Richmond and toll needs to be right where the two interstates meet	Newport News	Richmond	1
Interstate 64 Peninsula Study would do well to focus on increasing the Urban lane widths starting at Lightfoot south to NN while keeping the speed uniform with the Rural parts of I64, while addressing the Richmond congestion. Widening the Rural sections will not reduce congestion or increase safety, and would unnecessarily force tolls.	n/a	n/a	1
Allow another southbound opening for the commuter lanes south of Granby/564	n/a	n/a	1
Improve safety on Exit 242 and Exit 250 Fort Eustis	I-64	I-64	1
Expand highway	Newport News	Richmond	2
More lanes	n/a	Richmond	1
Improve HRBT	n/a	n/a	2

## Candidate Projects Suggestions from 2040 L RTP: Highway Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Widen and build a new tunnel on I-64 and MMBT	n/a	n/a	1
Expand HRBT	n/a	n/a	28
Widen HRBT	Hampton	Wards Corner	1
Additional lanes at HRBT paid for via gas tax or sales tax	n/a	n/a	1
Redo entrances to HRBT	n/a	n/a	1
Address HRBT	n/a	n/a	1
One lane on HRBT should be dedicated to light rail	n/a	n/a	1
Exoand HRBT - 1 to 4 lanes per direction	n/a	n/a	4
Improve HRBT including light rail	n/a	n/a	1
Add new tubes to HRBT	n/a	n/a	7
Another HRBT tube especially if the I-64 West is routed from the tunnel to the tip of Willoughby Spit to the end of I-564 (crossing the Naval Base)	n/a	n/a	1
Replace HRBT with a 8-lane suspension bridge	n/a	n/a	1
Build a suspension bridge to address traffic congestion at HRBT	n/a	n/a	1
Repave HRBT with a cable stayed bridge	n/a	n/a	1
Address congestion at HRBT	n/a	n/a	2
Using PPTA - build additional tube & related lanes for HRBT	n/a	n/a	1
Reversible tunnels at Downtown Tunnel, Midtown Tunnel and HRBT	n/a	n/a	1
Address both bridge-tunnels - both are a nightmare	n/a	n/a	1
Add more lanes to HRBT/MMBT	n/a	n/a	2
Add capacity to major choke points (ex. HRBT, JRB, MMBT, and Coleman Bridge)	n/a	n/a	1
Add another crossing (e.g., tunnel, rail system, bridge, etc.) from South Side to Peninsula	South Side	Peninsula	26
Improve Peninsula - Norfolk links either by road or rail	Peninsula	Norfolk	2
Additional crossing from Portsmouth to Norfolk	Portsmouth	Norfolk	1
Additional crossing from Hampton to Norfolk	Hampton	Norfolk	1
Address tunnel delays - normal commutes to Williamsburg/Richmond extremely frustrating	n/a	n/a	1
Need more capacity (bridge or tunnel)	South Peninsula	Peninsula	1
Plan/Add for another bridge/tunnel	Southside	Peninsula	2
Need more tunnel/highways - economic survival viewpoint	Newport News	Norfolk	1
Another tunnel from Hampton to Norfolk	Hampton	Norfolk	1
Build 2 tunnels for Norfolk	n/a	n/a	1

## Candidate Projects Suggestions from 2040 L RTP: Highway Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Widen Portsmouth tunnels	n/a	n/a	1
Add tunnel/bridge	Peninsula	Craney Island	1
Need a third crossing - put a signature bridge and NOT another tunnel	Southside	Peninsula	1
Need a 3rd tunnel crossing	Naval base	MMBT	1
Need a third crossing	Southside	Peninsula	5
Need a higher capacity James river crossing	n/a	n/a	1
Add a new crossing from Charles City area to Surry area that connects to the interstates with a new interstate through both counties	n/a	n/a	1
Direct crossing	Gloucester	Williamsburg	1
Additional crossing to provide safer/faster evacuation routes	Hampton/New port News	n/a	1
Second York river crossing to meet Gloucester Courthouse	n/a	n/a	1
Second York river crossing/ Second bridge crossing	Gloucester	York County	2
Additional crossings between Norfolk, Portsmouth, and Chesapeake	n/a	n/a	2
Add tunnel crossing	I-664	Norfolk Terminal area	1
Add another bridge/tunnel	Norfolk	Portsmouth	1
4 lane 64 east and west tunnels to I-295	n/a	I-295	1
Third crossing makes more sense than Midtown/Downtown/MLK VDOT ERCO deal	n/a	n/a	1
Add Third Crossing	I-664	Terminal Blvd	2
Third crossing including a Craney Island connection	n/a	n/a	1
Implement Third Crossing	n/a	n/a	20
Implement Third Crossing, making a connection just north of MMBT so an MMBT extension will not be needed	n/a	n/a	1
Completely separate 3rd crossing with multimodal (light rail) component	n/a	n/a	5
Third crossing should be a true third crossing of the James - The proposal for the crossing comming off 664 to craney Island serves the port industry. Provide the entire public with a crossing that serves all not just the ports.	n/a	n/a	1
An up river crossing from the Coleman Bridge	n/a	n/a	1
Build a bridge tunnel between Craney Island and Terminal Blvd for container traffic and put a toll on it as a new facility	Craney Island	Terminal Blvd	1

## Candidate Projects Suggestions from 2040 L RTP: Highway Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Tunnels to Portsmouth/Norfolk without private partnerships	n/a	n/a	1
Add tunnel from Ocean View Base to Newport News instead of additional Midtown tunnel to divert traffic from Midtown	n/a	n/a	1
Add another cross area way to get to parts of South Virginia Beach and Chesapeake areas	n/a	n/a	1
Maintain safe bridges and tunnels	n/a	n/a	1
Connect CBBT between 2nd/3rd islands to Hampton above Fort Monroe	2nd/3rd island	Hampton	1
Patriots Crossing	n/a	n/a	10
Patriots Crossing over the Midtown Tunnel project	Naval base	Portsmouth	1
Improve Downtown and Midtown Tunnels	n/a	n/a	1
Start building the Downtown and Midtown Tunnels	n/a	n/a	1
Add additional tube(s) to Midtown Tunnel	n/a	n/a	4
Expand Midtown Tunnel	n/a	n/a	3
Let state control 2nd Midtown Tunnel	n/a	n/a	1
Improve merging into/out of downtown tunnel to smooth traffic flow and allow increased speeds	n/a	n/a	1
Expand Downtown Tunnel	n/a	n/a	3
Reduce congestion at the Downtown Tunnel	n/a	n/a	1
Extend Downtown Tunnel to I-264	n/a	n/a	1
Expand Midtown and Downtown tunnels and approaches	n/a	n/a	1
Expand I-264	n/a	n/a	2
Address safety/crashes at I-264 WB between Witchduck & Independence	Witchduck Rd	Independence Blvd	1
Improvement to I-264	Norfolk	Virginia Beach	2
Improve/Redesign I-264	n/a	n/a	1
Address congestion at I-264W at Downtown Tunnel	n/a	n/a	1
Congestion alleviation on Rte. 17	n/a	n/a	1
Address congestion on Rte. 17 - Particularly of concern is the Magruder Blvd. ramp onto Rt. 17 North continuing to the next two stoplights up to Lakeside Drive.	Newport News North	Denbigh Blvd. Intersection	1
Rte. 17	Victory Blvd	Ft. Eustis Blvd	1
Widen U.S. 17 bridges	n/a	n/a	1

## Candidate Projects Suggestions from 2040 L RTP: Highway Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Additional road between Denbigh Boulevard (Newport News) and Route 105 (York County) - to relieve congestion on Jefferson Avenue and Route 17.			
Widen Rte. 17 - Poquoson	Rte. 134	Coleman bridge	1
Address Rte. 17 Harwood mills area	n/a	n/a	1
Widen George Washington Highway (Route 17) in Deep Creek/Camelot area of Chesapeake	Canal Drive	Military Highway	1
Widen Rte. 17 in York County	n/a	n/a	1
Widen Rte 17	Magruder	Gloucester Bridge	1
Connect Rte. 164 to I-264	n/a	n/a	1
Extend 164 (Western Freeway) to JRB	n/a	n/a	1
Designate VA 164 as an Interstate and then connect to I-264	n/a	n/a	1
Improve access to the new South Norfolk Jordan Bridge and Gilmerton Bridge	n/a	n/a	1
Improvements to High Rise Bridge and Bowers Hill area	n/a	n/a	1
Improve High rise bridge	n/a	n/a	3
Replace high rise bridge with a 8-lane suspension bridge	n/a	n/a	1
Completion of High Rise bridge & F-way along Dominion Blvd	n/a	n/a	1
Widen the High Rise bridge in Chesapeake	n/a	n/a	5
Congestion reduction on high rise bridge	n/a	n/a	1
Replace Deep Creek Draw Bridge	n/a	n/a	1
Improve safety on Deep Creek Bridge	n/a	n/a	1
Dominion Bridge Project	n/a	n/a	3
Replace Dominion Blvd Bridge	n/a	n/a	1
Build bridge from Hampton Road Container Terminal on Hampton Blvd to Craney Island	Hampton Blvd	Craney Island	1
Connect Jordan bridge to I-264 @ Frederick/MLK Extension	n/a	n/a	1
Widen James River Bridge	n/a	n/a	1
Build a reversible six-lane bridge over Hampton Roads to the Peninsula	Southside	Peninsula	1
Congestion alleviation on Victory	n/a	n/a	1
Reduce congestion on Jefferson	n/a	n/a	1
Reduce congestion on Oyster Point	n/a	n/a	1
Build Greenbelt	n/a	n/a	1

## Candidate Projects Suggestions from 2040 L RTP: Highway Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Expand Centerville Turnpike to 4 lanes	n/a	n/a	2
Widen Dominion Blvd	n/a	n/a	1
Improve Rte. 460	n/a	n/a	2
Improve Rte. 460	Norfolk	Petersburg	1
Continued development of Rte. 460	n/a	n/a	1
Realignment of 460	n/a	n/a	1
Improve Rte. 460 to Interstate	n/a	n/a	1
Improve Rte. 460 to Interstate	I-95	I-64	1
Turn Route 460 and Route 58 into limited access or turn one of the two into interstate to Petersburg	n/a	Petersburg	1
Need new route 460	n/a	n/a	1
Route 460	n/a	n/a	2
Toll Route 460	n/a	n/a	1
Kudos on Route 460 which will solve much of the "3rd crossing" and I-64 Peninsula congestion - Route 460 will hopefully be 3 lanes when complete	n/a	n/a	1
Install expandable/collapsible lanes for I-564 similar to Coronado Bridge	n/a	n/a	1
Build connector between I-64 via I-564 to I-664	I-64	I-664	1
Connect I-564 with I-664 including a light rail service	Norfolk Naval Station	Newport News	1
Extend I-564 over Elizabeth River, then connect it to I-64 at Hampton	Naval Base	Hampton	1
Add Interstate extension	I-664	I-95 in North Carolina	1
widen Rte. 13 (Whaleyville Blvd)	n/a	n/a	1
Need to look at the Target Shopping Center from the bypass - Need to put the exit back to the off ramp to provide an easier exit and a light at the other exit.	n/a	n/a	1
Add more turn lanes for dangerous intersections	n/a	n/a	1
Widen Independence Blvd near Town Center	n/a	n/a	1
Widen Portsmouth Blvd	n/a	n/a	1
Reconfigure/Upgrade I-264/I-64 intersection	n/a	n/a	5
Address Kempsville/Indian River Road intersection - need a larger interchange	n/a	n/a	1
Finish Nimmo Parkway	n/a	n/a	1
Make sure that there is funding for primary and secondary road maintenance	n/a	n/a	1

## Candidate Projects Suggestions from 2040 L RTP: Highway Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Southeastern Parkway/ expressway across southern part of VB/Chesapeake/Southern connection between Chesapeake and VB	n/a	n/a	11
Fund and build the Southeastern freeway	n/a	n/a	1
Build highway between VA Beach Oceanfront and run south to Greenbrier area	Virginia Beach Oceanfront	Greenbrier Area	1
New expressways	n/a	n/a	1
Create elevated expressway	n/a	n/a	1
Continuation of roads & parkways	n/a	n/a	1
Build exit to Kenyon Rd and a connector road from Kenyon to Manning Bridge/Holland/Centerpoint to address tractor trailer congestion	Suffolk Bypass	Manning Bridge Road	1
Plan for major north south and east west collectors	n/a	n/a	1
Improve Hampton Blvd mess (red lights on Hampton Blvd) - you will not need a second tube at Midtown if you address this	n/a	n/a	1
Fix Independence/Bonney Rd intersection for safety	n/a	n/a	1
Continue HRC Parkway	N. Armistead	Fort Monroe	1
Replace express bus with LRT on the old traintrack easement	Newtown station		1
Provide adequate parking for LRT users from Beach to Norfolk	n/a	n/a	1
Provide non-auto travel alternatives to getting around the region, specific to Chesapeake	n/a	n/a	1
Widen Rte. 171 (needed more than bike path) - Poquoson	n/a	n/a	1
Widen Victory Blvd	Outside of Poquoson	Hampton Hwy	1
Dedicated highway access	n/a	Naval base	1
Improve Mooretown/Richmond/Airport Rd - Williamsburg	n/a	n/a	1
Widen Rosemont road and eliminate private entrances	n/a	n/a	1
Mooretown road extension	n/a	n/a	1
Longhill and Route 199 towards Olde Towne Road	n/a	n/a	1
Have highway system across the state	Hampton Roads	Emporia	1
Widen Chesapeake Expressway/I464N at 64	n/a	n/a	1
Widen Chesapeake Expressway	Great Bridge Blvd	Mt. Pleasant	1
Create alternate to the merge on the NB Berkeley Bridge	n/a	n/a	1

## Candidate Projects Suggestions from 2040 L RTP: Highway Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Mitigate last second cut offs at the I-64/I-264 interchange	n/a	n/a	1
Better signage, speed control & flow of traffic at 64E/264E interchange	n/a	n/a	1
Widen I-64/I-264 ramps	n/a	n/a	1
Enhance safety on I-264/Independence interchange	n/a	n/a	3
Lengthen on/off ramps at I-64: exit no. 242A-B	n/a	n/a	1
Lengthen on/off ramps at I-64: exit no. 250A-B	n/a	n/a	1
Lengthen on ramp at I-64: exit no. 234	n/a	n/a	1
Lengthen on ramp at I-64: exit no. 247	n/a	n/a	1
Address ramp from 64W to 264E - unsafe	n/a	n/a	1
Address ramp from 64W to 13N - unsafe	n/a	n/a	1
Address ramp from 13S to 64W - unsafe	n/a	n/a	1
Increase length of merging/exit lanes on I-64 Peninsula	n/a	n/a	1
Add second ramp lane from I-64 WB to I-264 EB	n/a	n/a	1
I-64W approach & ramp to I-264E needs capacity	n/a	n/a	1
Better exit ramp design at critical points of I-64/I-664	n/a	n/a	1
Put a high volume flyover exit from I-64W to 168S (Great Bridge Bypass)	I-64W	168 S	1
Designated flyover ramp from 64-464 to the bypass	n/a	n/a	1
Traffic mess during rush hour at I-264/64/664 interchange; Lanes from 264 West to Chesapeake needs to be expanded	n/a	n/a	1
Address ramp design for ramps from I-264 to Witchduck/Newtown Rd - speeds too high	n/a	n/a	1
Rework the I-264/Rosemount Rd. interchange	n/a	n/a	1
Add additional lane to I-264 off ramp onto First Colonial for drivers traveling South to NAS Oceana	n/a	n/a	1
Indian River On and Off Ramps need to have smoother transitions	n/a	n/a	1
Fix on/off ramps at Independence NB near Town Center	n/a	n/a	1
Add new off-ramps for Rte. 10 at Rte. 58 bypass - Suffolk	n/a	n/a	1
Better merge arrangement to address bottleneck on I-64 near Jefferson Ave	n/a	n/a	1
Widen Rte. 58 in Suffolk	Intersection of Suffolk (new warehousing being built)	3.2 mi west of Suffolk (new warehousing being built)	1

## Candidate Projects Suggestions from 2040 L RTP: Highway Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Add a South East section to the Route 58 bypass in Suffolk	n/a	n/a	1
Convert 58W to interstate , atleast as far as South Hill	n/a	n/a	1
Widen Route 58 Holland rd	Lummis Rd	SPCA Landfill	1
Widen Nansemond Parkway	Driver Lane	I-664	1
Add a right turn lane onto Wilroy from Nansemond Parkway - prevent traffic back-ups	n/a	n/a	1
Make a bridge over Nansemond Parkway over railroad crossing	n/a	n/a	1
Rebuild/Replace Chuckatuck Creek Bridge	n/a	n/a	2
Disallow passing on Elbow Rd in Chesapeake (near Stumpy Lake)	n/a	n/a	1
Congestion reduction on I664/264 split in Chesapeake	n/a	n/a	1
Expand I-664 (Bowers Hill)	n/a	n/a	1
Widen I-64/264/464/664 to min. 2 lanes wide through out area	n/a	n/a	1
Light rail from Naval bases to commuter lots in VB, Norfolk, Chesapeake, Portsmouth and to the oceanfront	n/a	n/a	1
Need to address I-64 Fort Eustis interchange - a challenge	n/a	n/a	2
Improve access on the Richmond-Williamsburg-Norfolk corridor - Norfolk/Williamsburg	Richmond	1	
mainly focusing on rapid transit			
Completion of Lynnhaven Parkway	n/a	n/a	1
Build connecting road between Coventry Blvd and Big Bethel	n/a	n/a	1
Build connecting road between Coventry Blvd and Commonwealth Dr to the west of US 17	n/a	n/a	1
On eastbound Victory Blvd at Hampton Hwy, change the signs so the right lane ends not the left. Will keep some people out of the right lane to help people turning right.	n/a	n/a	1
Passenger light rail in lower Chesapeake VA area to accommodate commuters from this area and northeastern NC	Lower Chesapeake	Northeastern North Carolina	1
Build reservoirs (Water Towers) in locations to help the flooding areas - atleast four alone in Norfolk	n/a	n/a	1
Cedar Road flyover	n/a	n/a	1
Set an opening schedule for the Steele Bridge - do not allow at will openings.	n/a	n/a	1

## Candidate Projects Suggestions from 2040 L RTP: Highway Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Road improvements in rural areas of Virginia Beach - required if additional development below the green line is anticipated	n/a	n/a	1
Keep Blake/Bryon sts pedestrian route open during Dominion Blvd/Interchange work	n/a	n/a	1
Widen Indian River Road	n/a	n/a	1
Widen Indian River south of Lynhaven	n/a	n/a	1
Widen Elbow Road	n/a	n/a	1
Alternate route for beach traffic to divert I-95 & I-64 traffic going to Outer Banks bypass Hampton Roads	n/a	n/a	1
Need an Interstate I-44 connection added to COSS in VTRANS AND LRTP	Hampton Roads	Greater Raleigh	1
Revitalize connection between Hampton Roads and Raleigh	Hampton Roads	Raleigh	1
New Interstate I-44 - but one that goes directly to Raleigh and does not bottleneck with 64	Hampton Roads	Raleigh	1
Need a bypass in the eastern shore	n/a	n/a	1
Widen Mt. Pleasant Rd. (VA 165)	Rte. 168	Centerville Tpke	1
Increase lanes at Gate 2 and 3A at Naval Station Norfolk	n/a	Naval Station, Norfolk	1
Have NAVSTA Norfolk make force protection upgrades to Gate 3 and re-open it	n/a	Naval Station, Norfolk	1
Start putting plans into action concerning VA Rte. 10/32 - City of Suffolk	n/a	n/a	1
Recommend raised dots on the road to alert drivers of lane encroachment	n/a	n/a	1
Need southern bypass from Route 17 to Virginia Beach - get traffic off of the overloaded secondaries	n/a	n/a	1
More roundabouts in rural areas	n/a	n/a	1
Widen Denbigh Blvd in York County	n/a	n/a	1
Improve connectivity across central and south VB to Interstate and other major roadways	n/a	n/a	1
Extend MLK Highway to I-264 and on to the Jordan bridge and I-464	n/a	n/a	1
Eliminate feeder roads at the Hilltop location	n/a	n/a	1
Eliminate feeder roads along Laskin Road in Virginia Beach	n/a	n/a	3
Connect Lynnhaven Parkway to Volvo Parkway	n/a	n/a	3

## Candidate Projects Suggestions from 2040 L RTP: Highway Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Connect existing roads - Lynnhaven Parkway & Nimmo Parkway	n/a	n/a	1
Connect Nimmo Parkway to Sandbridge	n/a	n/a	2
Extend 464E to Virginia Beach	n/a	Virginia Beach	1
Improvements to Laskin Roads in Hilltop area	n/a	n/a	1
Address congestion at Hilltop (First Colonial and Laskin)	n/a	n/a	1
Complete Hampton Roads Beltway system with 6 lanes all the way around	n/a	n/a	1
Expand entire beltway to 8 lanes all the way around	n/a	n/a	1
Increase/improve access to areas - I-64, 17, 460, 10	n/a	n/a	1
Make Shore Drive 6 lanes	N. Great Neck	Diamond Springs Rd.	1
Increase lanes on First Colonial Rd	I-264	Great Neck	1
General Booth Blvd near Dam Neck @ Wendy's and Hardees - extremely dangerous due to turning vehicles at busy times - Address	Interchange	n/a	1
New Interstate 101 along coast	n/a	n/a	1
Replace CBBT with cable-stayed (multiple spans)	n/a	n/a	1
Operate a bus line on the city owned right of way that was procured for light rail	n/a	n/a	1
Connect Dam Neck Rd with 168 Expressway in Chesapeake	n/a	n/a	1
Build High rise bridges to bypass tunnels	n/a	n/a	1
Focus on addressing bottlenecks in waterways and associated bridges and tunnels	n/a	n/a	1
Expansion of Dominion Blvd from interstate interchange south to where roadway widens from 2 lanes to 4 lanes - failure to complete the remaining five miles was really poor planning and execution	n/a	n/a	1
Interstate from Wilmington, Delaware, eastern shore to Norfolk	n/a	Norfolk	1
Something needs to be done between Richmond and atleast, Lightfoot - 2 lanes in each direction is simply not enough	n/a	n/a	1
Put a jersey wall on Mill Dam Road where it intersects at Great Neck so that no one can cross - extreme traffic hazard	n/a	n/a	1

## Candidate Projects Suggestions from 2040 L RTP: Highway Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Using PPTA - widen High Rise Bridge and related approach lanes	n/a	n/a	1
Using PPTA - widen I-64 from Newport News to Richmond	Newport News	Richmond	1
Connection between Jefferson and Warwick	Jefferson	Warwick	1
Build sound wall/barrier to be built on General Booth Blvd for homes at Birdneck Lake - houses are 60ft off highway	n/a	n/a	1
AnI-64 bypass west of Williamsburg	n/a	n/a	1
Allow people to get a license for driving jitney's like in AC around the various areas, they are individual owners and could be very useful VA BCH, and other areas outside HRT bus lines.	n/a	n/a	1
Newtown Rd and Greenwich and Princess Anne (Kempsville) -- with the increased dense housing being constructed and the eventual Witchduck Rd closure at Witchduck we'll be in serious trouble.	n/a	n/a	1
Complete proposed/planned Woodlake Drive to Battlefield Blvd	n/a	n/a	1
Congestion at Gate 4/Bay Drive exit for Navan Station off I-64 - Adjust stoplight at Brown's Convenience Store and first stoplight inside the gate - make it green for one direction (into base) for a significantly longer period and then a normal time length for the other directions during the morning rush	n/a	n/a	1
Make things more interconnected - ex.Nimmo Parkway	n/a	n/a	1
Widen downtown streets	n/a	n/a	1
Focus on third lane from Newport News to I-295 after Route 460 is complete	Newport News	I-295	1
Improve Midtown tunnel as planned but not as part of a third crossing	n/a	n/a	1
Improve Route 10 to J/S Ferry	n/a	J/S Ferry	2
Replace the Surry ferry with a bridge - tie it to Rte 199	n/a	n/a	1
Install guard rails along Harper Rd going to NAS Oceana	n/a	n/a	1
Make crosswalk over 264 to Trashmore	n/a	n/a	1
Redo interchange at Independence and include sidewalk	n/a	n/a	1
Open main gates at Norfolk Naval Base in the morning	n/a	n/a	1
Granby St @ Little Creek Rd: Make shared right-thru lane Right	n/a	n/a	1
Turn Only from 6:30am - 9am			
Expand highways (in general)	n/a	n/a	5

## Candidate Projects Suggestions from 2040 L RTP: Highway Focus

### SPECIFIC PROJECT SUGGESTIONS

#### GENERAL SUGGESTIONS

Project	From	To	Tally
More crossing - bridge and tunnels a.s.a.p.	n/a	n/a	1
4th crossing	n/a	n/a	1
Need better crossings with tolls	n/a	n/a	1
More lanes (general)	n/a	n/a	1
Expand tunnels (in general)	n/a	n/a	3
More bridges and tunnels to cross the Elizabeth River	n/a	n/a	1
Need 3rd Elizabeth River Crossing	n/a	n/a	1
Add additional un-tolls Elizabeth River Crossings	n/a	n/a	1
Plan for several inner and outer loop roads	n/a	n/a	1
Eliminate carpool lanes	n/a	n/a	1
Provide "Lexus Lanes" on Interstates - assume it refers to HOT	n/a	n/a	1
Longer on and off ramps (general)	n/a	n/a	1
Road improvement, lane additions in Newport News	n/a	n/a	1
Dedicated turn lanes at intersections	n/a	n/a	1
Additional tunnels	n/a	n/a	1
Roundabouts	n/a	n/a	1
Make interchanges more suitable for heavy traffic and fix the on/off ramps	n/a	n/a	1
Improve or build highways/roadways before they are so congested that it makes more congestion	n/a	n/a	1
Make more lanes or overpass to cut down on base traffic	n/a	n/a	1
Build multiple-lane high rise bridges instead of tunnels - middle lanes converted to TOLL lanes for revenue	n/a	n/a	1
Double decker highway and roadways (general)	n/a	n/a	1
Stop building 2 lane roads - need to be more proactive and realistic about roads and how many people will use them	n/a	n/a	1
Build bridges not tunnels	n/a	n/a	1
Need a true third crossing, not tied to MMBT	n/a	n/a	1
Need a third crossing - project needs to make it more accessible for trucks coming and going from piers to interstates	n/a	n/a	1
Address congestion at crossings	n/a	n/a	1
Address tunnel congestion	n/a	n/a	1
Road improvements in rural areas (general)	n/a	n/a	1

## Candidate Projects Suggestions from 2040 L RTP: Highway Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Utilizing radar actuated cameras, ticket drivers who do not maintain minimum speeds in HRBT. Enforcement could begin with 30 day warnings of 35 mph minimum speed or be ticketed. Step up the minimum by 5 mph every 90 days following another warning period and repeating the same format until min. reaches 55 mph.	n/a	n/a	1
Add lanes dedicated to motorcycles	n/a	n/a	1

## CANDIDATE PUBLIC TRANSPORTATION PROJECT SUGGESTIONS

Suggestions have a public transportation focus.

## Candidate Projects Suggestions from 2040 LRTP:

### Public Transportation Focus

#### SPECIFIC PROJECT SUGGESTIONS

#### GENERAL SUGGESTIONS

Project	From	To	Tally
Public transportation via bus connecting LRT station to Naval Base	n/a	Naval Base	1
Provide public transit near Rte 134	n/a	n/a	1
Provide public transit near Rte 17	n/a	n/a	1
Provide public transit down Rte 17 to Gloucester Courthouse	n/a	Gloucester Courthouse	1
Have an HRT bus leave from the Military Circle to the Naval Base	Military Circle	Naval Base	1
Add Park&Ride lots near Midtown Tunnel	n/a	n/a	1
Provide public transportation	Virginia Beach	Naval Hospital, Portsmouth	1
Provide public transportation to get to Norfolk Naval Base	n/a	Naval Base, Norfolk	2
Restore bus service (Rte 121) from Williamsburg to Newport News	Williamsburg	Newport News	1
Provide permanent scheduled low-cost public transportation to/from the Norfolk Airport	Norfolk Airport	Norfolk Airport	1
Add bus service	IOW County	Portsmouth	1
Max line bus	Downtown Suffolk	Norfolk Naval Station	1
Increase Max bus to Naval Station Norfolk	n/a	Norfolk Naval Station	1
Bus service from Indian Lakes	n/a	n/a	1
Park and ride to NSA Norfolk	n/a	n/a	1
Add additional express buses	Peninsula	South Side	2
Max bus	Williamsburg transportation center	NNS	1
Max bus	Patrick Henry	Naval Station	1
Coordinate 961 express with the local bus - put a shelter at the express stop closest to VA Center	Norfolk	Hampton VA Center	1
Better public transportation	Poquoson	Newport News	1
Provide public transportation between bases	n/a	n/a	1
Increase public transportation to all military bases	n/a	n/a	1
Improve frequency of bus route	Ocean Lakes	Oceana/ VB Blvd	1
Dedicated lane or fixed guideway BRT on Peninsula	n/a	n/a	1
Easier transit connections between Williamsburg and major airports	Williamsburg	Major Airports - ORF/NN/RIC	1

## Candidate Projects Suggestions from 2040 LRTP:

### Public Transportation Focus

#### SPECIFIC PROJECT SUGGESTIONS

#### GENERAL SUGGESTIONS

Project	From	To	Tally
Provide bus routes and auto parking at or near entrances to tunnel to connect Peninsula to Norfolk	Peninsula	Norfolk	1
Need public transportation to the Jamestown area and Route 5 to Ironbound Rd	n/a	n/a	1
High speed bus service to key places (ex. Oceanfront, Norfolk Naval Shipyard)	n/a	n/a	1
Increased frequency of buses in Greenbrier	n/a	n/a	1
Coordinate connector busses at each stop so there is no waiting to transfer between busses and light rail.	n/a	n/a	1
Provide park&ride lots off I-664 and College Drive in North Suffolk/Chesapeake with express bus connection from here to end of light rail service at Ft. Norfolk, then to NAVSTA Norfolk.	n/a	n/a	1
Expansion of public transportation in James City County - currently buses do not go far enough down Rte 5 to get to employers such as Patriots Colony and Governors Land	n/a	n/a	1
Mass transportation to Naval bases	n/a	n/a	1
Dedicated HRT shuttle from Military/Newtown stops to the Janaf Shopping Center	n/a	n/a	1
Need public transportation	Northern Suffolk	Oyster Point business district, Newport News	1
Public transportation options	Peninsula	Southside	1
Bus route down George Washington Highway	n/a	n/a	1
Improve public transportation in Poquoson, York, Suffolk, Windsor	n/a	n/a	2
Improve bus shelters in Williamsburg - either very bad or non-existent	n/a	n/a	1
Add transportation center in Norfolk	n/a	n/a	1
Provide bus service to Suffolk	n/a	n/a	1
Better connections in Suffolk, Bus Rapid Transit, Local Bus Routes	n/a	n/a	1
Build light rail/bus rapid transit in CSX corridor of Newport News	n/a	n/a	1
Expand light rail and public transportation in Virginia Beach	n/a	n/a	1
Stronger transportation (ie. safer public busses) in Virginia Beach/	n/a	n/a	3
Efficient bus service in Virginia Beach			
Put back a Greyhound bus depot in Newport News - closed all of them and the closest one is in downtown Hampton	n/a	n/a	1

## Candidate Projects Suggestions from 2040 LRTP:

### Public Transportation Focus

#### SPECIFIC PROJECT SUGGESTIONS

#### GENERAL SUGGESTIONS

Project	From	To	Tally
Greyhound bus service in Emporia	n/a	n/a	1
Provide a service similar to FRED in downtown Suffolk during the work day	n/a	n/a	1
Public transportation from Chesapeake City Hall to the Greenbrier area, downtown Norfolk, the Pembroke area and the oceanfront	Chesapeake City Hall	Oceanfront	1
Keep Williamsburg Trolley going	n/a	n/a	1
Add better bus routes/service (in general)	n/a	n/a	6
Increase frequency of transit routes	n/a	n/a	4
Install park and rides near freeway entrances	n/a	n/a	1
More bus service (general)	n/a	n/a	1
Improve public transportation (general)	n/a	n/a	10
Dependable public transportation (general) with published schedules	n/a	n/a	1
Improvement of bus routes & service (general); includes bus shelters; better connections and times	n/a	n/a	4
Create more park and ride lots (in general)	n/a	n/a	1
More efficient use of public school busses	n/a	n/a	1
Improve mass transit; Expand bus routes and times; Better shelters at bus stops (general)	n/a	n/a	4
Build mass transit from major employers to car lots that would cross the bridge-tunnels and increase buses/shuttles from the vehicles to the mass-transit vehicle.	n/a	n/a	1
Provide intercity bus service (ex. crossroads)	n/a	n/a	1
Smaller buses that run through the neighborhoods to connect to larger bus hubs	n/a	n/a	1
Mini buses that would go more places	n/a	n/a	1
Run buses the same route as one normally drives and use transfers rather than riding the bus all the way to a transfer station	n/a	n/a	1
Public transportation needs to be free to military personnel	n/a	n/a	1
Cheap efficient public transportation	n/a	n/a	1
Efficient smaller buses for runs with few riders at some times	n/a	n/a	1
Transit/LRT connection - Ample feeder buses to get people to the rail line	n/a	n/a	1
Creation of regional park and ride lots with connection to MAX buses	n/a	n/a	1
Expansion of mass transportation options that are not on the main roads	n/a	n/a	1

## Candidate Projects Suggestions from 2040 LRTP: Public Transportation Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Transit Amenities - Focus on bringing mass transit to suburbs; Equip SMS transit with amenities that attracts higher income riders; Locate stops and stations more conveniently to neighborhood and bus run more frequently	n/a	n/a	1
Need to have bus lanes (not on the interstate)	n/a	n/a	1
Transit/LRT connection - Revamp mass transit to use light rail as primary mass transit medium; Reroute bus routes to coincide with light rail stations	n/a	n/a	1
Install separate buses/vans lane. Similar to HOV but for buses/vans	n/a	n/a	1
Implement circulating bus routes that lead to BRT centers	n/a	n/a	1
More fuel efficient buses and trolleys to ride/connect people to public transportation	n/a	n/a	1
Reliable forms of public transportation - a system providing reasonable commute times and connectivity throughout Hampton Roads	n/a	n/a	1
Less complication bus system - more buses with more direct routes	n/a	n/a	1
Public transportation to major Peninsula Business and Government facilities	n/a	n/a	1
Expand MAX Express System	n/a	n/a	2
Limit HRT bus stops (more stops than MAX but fewer than local service)	n/a	n/a	1

## CANDIDATE LIGHT RAIL PROJECT SUGGESTIONS

Suggestions have a light rail focus.

## Candidate Projects Suggestions from 2040 LRTP: Light Rail Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Extend light rail to Hilltop and Oceanfront	n/a	Virginia Beach	1
Lightrail from Norfolk all the way to Atlantic Avenue in VB one to two blocks from VB Blvd	n/a	n/a	1
Extend light rail or atleast make express service from 19th Street to Newtown Road light rail station and back	n/a	n/a	1
Light rail from CBN to Newtown Rd	CBN	Newtown Rd	1
Expand light rail to Virginia Beach and connect areas of high traffic such as ODU, TCC, Oceanfront and the Lynnhaven Mall Area	n/a	Virginia Beach	1
Light rail expanded to include NN/Williamsburg Airport to downtown Newport News (shipyard area) then go to the Naval Base and then to downtown Norfolk. Maybe even a spur running to the Norfolk Airport - eventually all the way to the Oceanfront	Williamsburg	Oceanfront	1
Light rail to/from the various areas on the Peninsula to/from the bases and shipyards	Peninsula Bases/Shipyards	Naval Bases/Shipyards	1
Connect the Tide from Southside to the Peninsula (i.e., make a giant loop). Also extend the Tide from I-464 to NC	Va Beach	Portsmouth through Midtown Tunnel, Rte 164 to Rte 17, to James River Bridge, to Mercury Blvd, to HRBT to I-564, to Rte 337	1
Light sharing the NS track that cuts through Norfolk - making stops that run behind ODU and also run parallel with Tidewater Drive-Perpendicular to Chesapeake Blvd. down along the back of the airport behind Diamond Springs and N. Hampton. There is track that runs straight to Little Creek from Norfolk---bring that back.	n/a	n/a	1
If TIDE is extended to VB, need to have shuttle bus service & park&rides established for different N/S corridors (Great Neck, Lynnhaven, etc.)	n/a	n/a	1
Extend light rail to Naval Base	n/a	Naval Base	41

## Candidate Projects Suggestions from 2040 LRTP: Light Rail Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Extend TIDE to Naval Station along Hampton Blvd	n/a	Naval Base	1
Extend TIDE along Hampton Blvd to the Naval Base as well as Virginia Beach	Naval Base	Virginia Beach	1
Expand lightrail to the Naval Base as well as the hilltop area and oceanfront	n/a	Naval Base/Hilltop/Oceanfront	3
Extend light rail to/from Virginia Beach Oceana area to Norfolk Naval Base - partnership with the Navy to pay part of the costs	Norfolk Naval Station	Oceana area	1
Extend light rail from Ballentine station through Wards Corner to the Military Base	n/a	Naval Base	1
Light rail to Waterside	n/a	n/a	1
Connect light in Norfolk to the ODU area	n/a	n/a	1
Test light rail using the HOV lanes on I-64 from Indian River VDOT Park-n-Ride to the Naval Base - implement light rail, if successful	n/a	n/a	1
Provide light rail across James River	n/a	n/a	1
Promote lightrail on Peninsula and connected to Southside	Peninsula	South Side	1
Provide light rail with large parking garages on each side	Peninsula	Norfolk	1
Need light rail on Peninsula corridor	Williamsburg	Hampton	1
Add light rail on the Peninsula to the Shipyard	n/a	Shipyard	1
Light rail	Peninsula	South Side	1
Extend light rail to South Norfolk/Great Bridge	n/a	n/a	1
Light rail with parking adjacent to I-64/I-564 and I-264	n/a	n/a	1
Build trains with stops at military bases	n/a	n/a	1
Add light rail from James River Bridge down Rte 164 to Naval Hospital	IOW County	Portsmouth	1
Implement light rail using old Southern rail with satellite parking along the way	Va Beach	Norfolk Naval Base	1
Extend light rail to Norfolk Airport	n/a	Norfolk Airport	8
Connect light rail to Airport - initially have a direct bus connection	n/a	Norfolk Airport	1
Airport connection from Military Highway station	n/a	Norfolk Airport	1
Extend light rail to Tidewater Drive	n/a	n/a	1
Have light rail to cross rivers	n/a	n/a	1

## Candidate Projects Suggestions from 2040 LRTP: Light Rail Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Rail connection using defunct rail lines	Portsmouth/Chesapeake/Suffolk	Norfolk	1
TIDE from Virginia Beach to Portsmouth via new Midtown tube - to help military	n/a	n/a	1
Extend light rail parallel to I-64 on Southside	n/a	n/a	1
Extend light rail to Portsmouth	n/a	n/a	3
Put light rail in Portsmouth to take everyone to Norfolk	Portsmouth	Norfolk	1
Extend light rail - connect Portsmouth, Norfolk, Va Beach, Norfolk Airport & Peninsula	n/a	n/a	1
Expand light rail to include routes to the airport, along Hampton Blvd (NOB Norfolk), Greenbrier, Virginia Beach, and Peninsula.	n/a	n/a	1
Extend light rail	Naval base	Virginia Beach	3
Extend light rail (general)/ provide comprehensive system such as connection to cities or population-employment centers or neighborhoods, Southside & Peninsula/ Regional light rail system	n/a	n/a	42
Break down parochial attitudes and connect the region with light rail to increase regional competitiveness	n/a	n/a	1
Light rail that stopped at Ft. Eustis, Langley and the shipyard - connect both sides of the Peninsula by a tunnel	n/a	n/a	1
Connect light rail to the Universities and Colleges in the region	n/a	n/a	1
Light rail and/or bus system that takes less than 2+ hours to get between cities (Chesapeake - Portsmouth, Portsmouth to Va Beach) and that runs earlier in the AM - to correspond to military work times for AM shifts	n/a	n/a	1
Have light rail going from central points down to the Naval Base and Ferries that could be met by vans or buses to travel to various Commands and piers,	n/a	Naval Base	1
Extend light rail to Williamsburg	n/a	n/a	1
Light rail/Passenger rail from Newport News to Williamsburg and Richmond	Newport News	Richmond	1
Light rail	Newport News	Williamsburg	1

## Candidate Projects Suggestions from 2040 LRTP: Light Rail Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Light rail	Lee Hall	Downtown Newport News (shipyard)	1
Conduct Light rail study	n/a	n/a	1
Extend light rail to Naval Station and/via ODU	n/a	Naval Station/ODU	9
Extend light rail from EVMS to ODU and then to NIT + Naval Base	n/a	Naval Station	1
Light rail to NOB, Airport, ODU, Oceana and Oceanfront	n/a	n/a	1
Extend light rail	Norfolk Naval Station	Newport News Shipyard	1
Light rail only tunnel	NIT	Newport News	1
Light rail - Warwick Blvd. corridor from downtown Newport News - Williamsburg, with branch - downtown Newport News to downtown Hampton and Phoebus	Downtown Newport News	Downtown Hampton and Phoebus	1
Extend light rail to Naval Station/ODU/Norfolk Airport		Naval Station/ODU/Norfolk Airport	4
Extend light rail to Greenbrier	n/a	n/a	2
TIDE connection to Norfolk and Virginia Beach from the Greenbrier area	n/a	n/a	1
Extend light rail	Southside	Peninsula	1
Build a light rail bridge to connect Peninsula to Southside/Norfolk	Peninsula	Southside/Norfolk	1
Extend light rail along Oceanview Ave/Shore Ave	n/a	n/a	1
Extend light rail to VB Amphitheater along Princess Anne	n/a	n/a	1
Extend light rail to Norfolk Airport along Independence Blvd	n/a	n/a	1
Extend light rail to Naval Station and ODU via Colley Ave	n/a	n/a	1
Light rail with branch lines on major roads - ex. lines off of Independence north and south bound, line down Princess Anne Rd to amphitheater/hospital/sports plex. great neck rd north bound and to oceana base.	n/a	n/a	1
Extend light rail to VB Town Center	n/a	n/a	1
Extend lightrail across water to Portsmouth & Hampton/Newport News	Southside	Portsmouth/Hampton/Newport News	2
Extend light rail across water to Peninsula	n/a	n/a	1

## Candidate Projects Suggestions from 2040 LRTP: Light Rail Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Extend/Provide light rail through HRBT &/or MMBT	n/a	n/a	1
Speed light rail from Great Bridge area to the Portsmouth Hospital area	Great Bridge area	Naval Hospital, Portsmouth area	1
Provide light rail station at Lowmans Plaza/Collins Square shopping center/Central Library location - to service apts. Closeby	n/a	n/a	1
Light rail	Norfolk	Chesapeake	1
Light rail	Suffolk	Portsmouth & Beyond	1
Consider light rail from Kempsville to Norfolk Naval Base	Kempsville	Norfolk Naval Base	1
Evaluate TIDE/Bus routes to/from college campuses	n/a	n/a	1
Need light rail	VB Town Center	Norfolk Naval base	1
Need light rail	VB Courthouse area	Various location in Hampton Roads	1
Light rail to VB Convention Center with planning to run it down other major thoroughfares such as Independence Blvd, Princess Anne Rd.	n/a	Virginia Beach Convention Center	1
Include light rail in crossing across waterways - ex. HRBT, MMBT, Downtown Tunnel & Midtown Tunnel	n/a	n/a	1
Extend light rail to cross existing bottlenecks, i.e., Elizabeth River Tunnels	n/a	n/a	1
Extend light rail to ODU, Norfolk Naval Base and into suburban areas of Greenbrier/Great Bridge and Bowers Hill and Downtown Suffolk - using existing rail lines	n/a	n/a	1
Light rail to oceanfront with spurs to Lynnhaven Mall and Hilltop	n/a	n/a	2
Extend the Tide initially from Norfolk line to Town Center to Hilltop area to Shore Dr/Great Neck, west to the bases (Shore/Diamond Springs) and back to Newtown Rd.	n/a	n/a	1
Light rail, if built, has to go to all bases and downtown Norfolk, Va Beach with extensions to Chesapeake and Portsmouth, in the future	n/a	n/a	1

## Candidate Projects Suggestions from 2040 LRTP: Light Rail Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Run the light rail track through VB down the rail line we currently own, spur into oceania and hilltop, the track continue to the beach, down pacific and finish the loop up Shore drive to NOB then to norf.	n/a	n/a	1
Lightrail that runs down vb blvd, branches down independence blvd, Kempsville rd, Laskin Rd, and connects to Aquarium, strawbridge, landstown commons, and other major locations (lynnhaven, town center, municipal center, etc.)	n/a	n/a	1
Need a safety zone/crime prevention barrier near light rail	n/a	n/a	1
Expand Light rail to VB Oceanfront, Chix beach, & VB courthouse, also to Portsmouth (help tunnel traffic) & Chesapeake to Greenbriar & Battlefield Blvd	n/a	n/a	1
Run light rail overhead, elevated for safety	n/a	n/a	1
Use HOV lane for light rail to the navy base	n/a	navy base	2
Extend light rail to major Naval bases (i.e., Norfolk, Little Creek, and Oceana)	n/a	n/a	9
Add circular light rail route from Newtown Rd, to the airport, on to Little Creek Base, Norfolk Naval Base, ODU, Ghent and then to EVMS	refer to Project	refer to Project	1
Extend lightrail to VA Beach	n/a	Virginia Beach	81
Extend Tide to the Navy Base, down to the Virginia Beach area and over to Hampton, Newport News area	n/a	n/a	1
Extend light rail to Newport News, Chesapeake and especially the bases	n/a	n/a	1
Extend light rail to Portsmouth, NOB, VB, Chesapeake	n/a	n/a	1
Build light rail in Newport News	n/a	n/a	1
Extend light rail to Va Beach, Portsmouth and Chesapeake	n/a	n/a	1
Light rail throughout Hampton Roads specifically in Chesapeake, Suffolk and Portsmouth	n/a	n/a	1
Extend the Tide (in general)	n/a	n/a	61
Build rec centers on light rail line	n/a	n/a	1
Provide light rail stops closer to business parks	n/a	n/a	1
Light rail (general)	n/a	n/a	3
Consider mass transit such as light rail similar to Europe and larger US cities	n/a	n/a	1

## Candidate Projects Suggestions from 2040 LRTP: Light Rail Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Include in the design of any new highways, bridges and tunnels the ability to build, now or in the future, light rail tracks	n/a	n/a	1
Extend light rail to military bases	n/a	n/a	2
Connect light rail through tunnel (in general)	n/a	n/a	2
Lightrail on Peninsula (in general)	n/a	n/a	5
Connect light rail to all major hospitals	n/a	n/a	1
More light rail connecting major cities, shopping, bases & universities	n/a	n/a	1

## CANDIDATE RAIL PROJECT SUGGESTIONS

Suggestions focus on rail in general.

## Candidate Projects Suggestions from 2040 LRTP: Rail Focus

### SPECIFIC PROJECT SUGGESTIONS

#### GENERAL SUGGESTIONS

Project	From	To	Tally
Implement commuter train	Coliseum area	Norfolk	1
Commuter rail	Harbor Park, Norfolk	Richmond	1
Commuter rail to Kill Devil Hills, NC	n/a	Kill Devil Hills, NC	1
Commuter rail to Emporia	n/a	Emporia	1
Provide rail that connects Hampton Roads to Richmond/Northern Virginia/ DC	n/a	n/a	10
Provide a rail from Va Beach to Norfolk to Williamsburg to Richmond	Va Beach	Richmond	1
Use existing tracks on the Peninsula to make a commuter rail system	n/a	n/a	1
Regular train service, multiple times a day, to DC	n/a	Washington, D.C	1
More passenger train use around Hampton Roads	South Side	Peninsula	1
Provide Amtrak service	Suffolk	Norfolk	1
Amtrak stop in Suffolk	n/a	n/a	1
Connect Amtrak to more cities/throughout the Hampton Roads area and state	n/a	n/a	2
Update existing amtrak trains	n/a	n/a	1
Norfolk addition to Amtrak Destinations	n/a	n/a	1
Amtrak stop in Norfolk that connects to the Peninsula	Norfolk	Peninsula	1
Interconnect local modes of transportation to the Norfolk Amtrak line with a first class station and future high speed line	n/a	n/a	1
Promote Amtrak service to all people traveling from Hampton Roads to Richmond, WDC, NYC & Boston - add Raleigh, Charlotte & Atlanta in near future.	n/a	n/a	1
Install high speed passenger rail	South Side	Peninsula	1
High speed trains with a safe parking lot	Virginia Beach	Richmond	1
High speed rail	Norfolk/Virginia Beach	Washington, D.C	1
Include Peninsula in high speed rail plans	n/a	n/a	1
Rail connection	South Side	Peninsula	1
Heavy rail rapid transit	Downtown Hampton	Williamsburg	1
Regional heavy rail service	Williamsburg transportation center	Downtown Hampton/ Downtown Newport News	1

## Candidate Projects Suggestions from 2040 LRTP: Rail Focus

### SPECIFIC PROJECT SUGGESTIONS

#### GENERAL SUGGESTIONS

Project	From	To	Tally
Rail from Norfolk/VA Beach to Peninsula and DC through a tunnel	n/a	n/a	1
Connect to Southeast High Speed rail corridor	n/a	n/a	1
Consider Metro system like DC for the region	n/a	n/a	1
Rail options up and down Peninsula	Hampton/ Newport News	Williamsburg	1
Need a rail system that cuts across the cities in locations where the interstate does not into major areas for work, home and commerce	n/a	n/a	1
Improve rail transportation by expanding it throughout all of Hampton Roads and especially connecting all military bases (i.e Dam Neck to Norfolk Naval) with stops in between for commuters	n/a	n/a	1
Rail from Williamsburg to Norfolk and/or Virginia Beach	n/a	n/a	1
Consider an elevated rail option in every I-64 expansion project	n/a	n/a	1
Rapid rail with satellite parking near train stations for commuters and vacationers	Richmond	Hampton Roads	1
Federalize the development of high performance passenger rail, apply for FRA grant and regionalize passenger rail efforts	n/a	n/a	2
Increase Amtrak frequency/increase arrivals and departures	n/a	n/a	3
Increased Amtrak frequency to atleast 6x per day	n/a	n/a	1
Need a metro/rail station between Virginia Beach, Norfolk and Chesapeake	n/a	n/a	1
Commuter rail on existing tracks	n/a	n/a	1
More rail (general): Passenger, light and cargo	n/a	n/a	1
Rail systems incorporation	n/a	n/a	1
Improve rail service (general)	n/a	n/a	1
Provide passenger rail (general) - needs to have higher LOS, higher frequency, and be competitive with auto	n/a	n/a	2
High Speed Rail	n/a	n/a	3
Update rail on eastern coast	n/a	n/a	1
Explore rail service along I-64 corridor			1

## CANDIDATE FERRY PROJECT SUGGESTIONS

Suggestions focus on ferry services.

## Candidate Projects Suggestions from 2040 LRTP: Ferry Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Add ferry service	South Side	Peninsula	4
Extend service hours of Portsmouth ferry	n/a	n/a	4
Add ferry service	Norfolk	Hampton	2
Add ferry service	Naval hospital	Downtown Norfolk	1
Car ferry runs until a third crossing is built	South Side	Peninsula	1
Add large ferry service	Hampton	Naval Base	1
Add ferry service from Old Towne (Portsmouth) and downtown Norfolk to Naval Station Norfolk	Old Towne (Portsmouth)	Downtown Norfolk - Naval Station, Norfolk	1
Add ferry service	Virginia Beach	Portsmouth	1
Add ferry service	Fort Norfolk	Downtown Norfolk	1
Expand Ferry Service w stops at ODU, Naval Station	n/a	n/a	1
Ferry service down Southern Branch of Elizabeth River	n/a	n/a	1
Add ferry service like the one in Surry to Port/Norfolk area and NN to Chesapeake	n/a	n/a	1
Provide more frequent stops on the Norfolk/Portsmouth ferry	Norfolk	Portsmouth	1
Ferry - Reduce turnaround time from 30 mins to 15 mins by eliminating one stop in Portsmouth	Norfolk	Portsmouth	1
Utilize ferry service more	n/a	n/a	3
Fast ferry system (general)	n/a	n/a	2
Improve ferry service/availability (general)	n/a	n/a	2
Advertise ferry service across Hampton Roads	n/a	n/a	1
Provide Hampton Road ferries which can carry cars	n/a	n/a	1
Consider Bus ferries similar to the Navy LCACs	n/a	n/a	1

## Candidate Projects Suggestions from 2040 LRTP: Ferry Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Explore increased use of waterways and by-passes to keep truck traffic and long distance travelers out of congested areas	n/a	n/a	1
Add passenger ferries for urban downtown - needed to revitalize	n/a	n/a	1
Create ferry connection between Portsmouth	n/a	n/a	1
Put a ferry in Portsmouth to take people to Norfolk	n/a	n/a	1

## CANDIDATE FREIGHT PROJECT SUGGESTIONS

Suggestions have a freight focus.

## Candidate Projects Suggestions from 2040 L RTP: Freight Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Tunnel for light-rail based container only traffic	Norfolk	Portsmouth	1
Rail tunnel for transfer of shipping containers	Norfolk	Portsmouth	1
Double track CSX on the Peninsula	n/a	n/a	1
Fix Amtrak delays/conflicts with CSX	n/a	n/a	1
Prohibit large truck traffic on I-564W past the Terminal Blvd exit between 5am - 8am weekdays	n/a	n/a	1
Need short term fixes at the HRBT - do not allow tractor trailer the use of tunnel during rush hour; have them travel during non-rush hours	n/a	n/a	1
Ban trucks from HRBT	n/a	n/a	1
Get the cargo off the interstate and onto the RRs - incentivize this by taxing the truckers and providing break to the RRs	n/a	n/a	1
Levy heavy fines and delay overheight trucks at tunnels, especially during rush hours	n/a	n/a	1
Curb excessive speed and safety violations of tractor-trailers (overweight and careless driving) - Enforce rules on them	n/a	n/a	1
Need to do a better job handling the truck traffic on our roads - these commercial vehicles have an impact on the road conditions and should be held equally accountable for its upkeep	n/a	n/a	1
Strengthen the cooperation between the various port authorities, the cities, VDOT, the COV and viable rail companies to leverage our natural harbor capabilities with a means to economically move good in/out of HR	n/a	n/a	1

## CANDIDATE MULTIMODAL/CONNECTIVITY PROJECT SUGGESTIONS

Suggestions focus on elements that would help the region's transportation system become more multi-modal and have better connectivity.

## Candidate Projects Suggestions from 2040 L RTP: Multimodal/Connectivity Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Multimodal (rail) component in Midtown Tunnel	n/a	n/a	7
Create multimodal transportation center at Harbor Park (includes passenger rail, light rail, bus transfer station, and ferry)	n/a	n/a	3
Multiuse path on Richmond Road	Norge	Downtown Williamsburg	1
Add ferry service that connects to the Tide	n/a	n/a	1
Provide Rental bikes in Downtown Portsmouth, especially near the ferry terminal	n/a	n/a	1
Earlier ferry service to serve new Amtrak early morning train	n/a	Amtrak @ Norfolk	1
Coordinate light rail & passenger rail at Harbor Park	n/a	n/a	1
Terminate the AMTRAK bus connection at the Norfolk Airport	n/a	Norfolk Airport	1
Greyhound-Amtrak intermodal station with HRT connections	n/a	n/a	1
Provide shuttle bus and ferry service to Portsmouth Naval Hospital	n/a	Naval Hospital, Portsmouth	1
Provide public transit connection or bike connection to James City County government center	n/a	James City Government Center	1
Expand the service hours of the Portsmouth ferry and service area of the TIDE light rail to get as many vehicles of people working at the NSA Portsmouth - people can bike directly to the ferry or to the TIDE to get to the ferry	n/a	NSA Portsmouth	1
Carpool lots in South Norfolk with accompanying shuttle buses to downtown Norfolk	n/a	n/a	1
Vanpool to Southern Suffolk	n/a	Southern Suffolk	1
Add a large park and ride lot at the old Portsmouth Port with a ferry to Fort Norfolk or express shuttles to light rail	n/a	n/a	1
Add carpool express lane at the Midtown Tunnel	n/a	n/a	1
Multimodal linkages throughout the region (general)	n/a	n/a	7
Increase regional car/vanpool initiatives (general)	n/a	n/a	2
Provide commuter options to base with appropriate schedules	n/a	Naval Base	1
Commuter parking lots & trains from multiple locations	n/a	Military bases	1

## Candidate Projects Suggestions from 2040 L RTP: Multimodal/Connectivity Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
More commuters lots in Newport News where people could get to the other end of town by bus to save gas	n/a	n/a	1
Build parking lots near TIDE stations	n/a	n/a	1
Add bike routes & safe sidewalks near public transportation spots	n/a	n/a	1
More vanpools to military places and other places	n/a	n/a	1
Provide frequent bus connections from ferry service to colleges/hospitals	n/a	n/a	1
Encourage multi-use right-of-way, i.e., interstate medians for light rail or Amtrak	n/a	n/a	1
Mandatory inclusion of light rail and bicycle lanes for all modification and future transportation (roadway) design	n/a	n/a	1
Develop light rail and bicycle lanes/trails to parallel all existing major roads/highways	n/a	n/a	1
Integrate projects like the East Coast Greenway into our city and regional planning	n/a	n/a	1
Evaluate most efficient way to improve driving from Hampton Roads to other parts of the state, particularly the Richmond area	n/a	n/a	1
More variation in accomodation for transportation, i.e., Public boat docks, accomodations for air transport, alternative vehicle transport, etc.	n/a	n/a	1
Provide light rail and connecting regular bus service between all tidewater cities ( Hampton/Williamsburg/Newport News/Norfolk, VA Beach, Great Bridge/ Portsmouth, Smithfield)	n/a	n/a	1

## CANDIDATE MAINTENANCE PROJECTS

## Candidate Projects Suggestions from 2040 LRTP: Maintenance Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Fix/Repave I-264	Norfolk	Virginia Beach	23
Repair I-264	I-64	Virginia Beach	2
Address (resurface) road condition on I-264 (too many bumps, potholes)	Witchduck Rd	Birdneck Rd	1
Address condition of I-264 (Norfolk after exiting downtown tunnel) and Frederick Blvd. in Portsmouth	Downtown Tunnel, Norfolk	Frederick Blvd, Portsmouth	1
Repave I-64	n/a	n/a	6
Fix I-64 in Norfolk	n/a	n/a	3
Repave I-64	NSU	heading East	1
Repave I-64	Hampton	Virginia Beach	1
Repave roads in Ocean Lakes neighborhood, specifically Culver Lane - Virginia Beach	n/a	n/a	1
Fix road surfaces (including cleanup of trash buildup) between Virginia Beach and I-64 overpass	n/a	n/a	1
Repave Frederick Blvd	n/a	n/a	1
Upgrade Hampton Blvd	n/a	n/a	1
Improve roads in downtown Norfolk to alleviate flooding issues	n/a	n/a	1
Use money for expansion of light rail to fix/expand roadways in Virginia Beach	n/a	n/a	1
Improve road conditions on I-264 for motorcycles	n/a	n/a	1
Age of Lesner bridge - cause of concern	n/a	n/a	1
Improve/Fix existing roads/better maintenance of existing infrastructure	n/a	n/a	30
Upgrade/Repair tunnels and bridges (general) - aging infrastructure	n/a	n/a	1
Address aging bridges connected to the HRBT	n/a	n/a	1
Stop repaving perfectly good roads	n/a	n/a	1

## CANDIDATE SIGNALS/TURN LANES PROJECT SUGGESTIONS

Suggestions focus on signals and turn lanes at intersections.

## Candidate Projects Suggestions from 2040 L RTP: Signals/Turn Lanes Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Poor signal timing: Settlers Landing Rd @ Armistead Ave	n/a	n/a	1
Poor signal timing: Settlers Landing Rd @ King St	n/a	n/a	1
Poor signal timing: Settlers Landing Rd @ Bridge St	n/a	n/a	1
Increase safety at VB Blvd/Rosemont Rd - traffic back up and people run the lights often	n/a	n/a	1
Provide crosswalk and modify traffic signal at Magruder Blvd & Executive Pkwy/Hardy Cash Dr for pedestrian safety	n/a	n/a	1
Better light cycle for VB Blvd and Stepney Lane to reduce risks of accidents	n/a	n/a	1
Improve signal times for speed on Jefferson Ave.	n/a	n/a	1
Improve signal times for Rte 60 into Kings Mill	n/a	n/a	1
Optimize traffic signals along Indian River to Reon Rd	n/a	Reon Drive	1
Synchronize lights on Indian River Rd	164	Ferrell Pkwy	1
Coordinate traffic signals on Rte 17	n/a	n/a	1
Reduce signals/stop lights on Route 17	164	JRB	1
Time lights on Rte 17/134/major roads	n/a	n/a	1
Improve signal coordination on Route 60 and Route 143	n/a	n/a	1
Coordinate signals along roads - VB Blvd, Military Hwy, Battlefield Blvd, Little Creek Rd, Ocean View, Tidewater Dr, Granby St. etc.	n/a	n/a	1
Coordinate signals at Godwin Neck Area	n/a	n/a	1
Need to put a right turn signal at the corner of Johnstown and Great Bridge Blvd. - Turn lane exists but no turn signal	n/a	n/a	1
Need signal/light - Travelling north on 164, the exit at Mt Pleasant - can't turn left (westbound) safely.	n/a	n/a	1
Coordinate traffic lights in Downtown Portsmouth for smoother traffic flow	n/a	n/a	2
Add dedicated lane for turn at First Colonial and Rte 58 Bus	n/a	n/a	1
Coordinate/Optimize traffic signals/Smart signals	n/a	n/a	21
Fewer traffic lights	n/a	n/a	3
Have one section of the intersection pass over the section of the intersection to reduce traffic and traffic signals	n/a	n/a	1
Increase the amount of flashing yellow arrows for busy intersections	n/a	n/a	1
Set traffic light to work with motorcycles	n/a	n/a	1
Blinking lights instead of stop lights	n/a	n/a	1
Add turn signals at intersections (general)	n/a	n/a	1

## Candidate Projects Suggestions from 2040 L RTP: Signals/Turn Lanes Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Permit left turns when no oncoming traffic	n/a	n/a	1
Add lanes for right turns	n/a	n/a	1
Turn lanes	n/a	n/a	1
DO something to define turn lanes and drivers stay in their lanes	n/a	n/a	1
Quicker repair of out-of-service street lights. Repair within a week rather than one year	n/a	n/a	1

## CANDIDATE CONSTRUCTION PROJECT SUGGESTIONS

Suggestions focus on when roadwork should be done and the amount of time involved to complete.

## Candidate Projects Suggestions from 2040 L RTP: Construction Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Early completion of freeway along US 460 corridor	Suffolk	Petersburg	1
Have the roadwork (widening on Rte. 17) from 2014-2018 at night - traffic backup will be a nightmare	n/a	n/a	1
Reduce time to complete projects	n/a	n/a	4
Road work done at night/offpeak hours (in general)	n/a	n/a	3
Limit number of projects occurring simultaneously	n/a	n/a	2
Better planning for roadwork project - Example the CSX bridge replacement at Fort Eustis should have been done before Fort Monroe closed/moved to Fort Eustis. This project, while needed, will create terrible traffic in and around I-64 exit 255 and it could have been mitigated through better planning.	n/a	n/a	1

## CANDIDATE TOLLS/PPP PROJECT SUGGESTIONS

Suggestions focus on tolls and Public Private Partnerships.

## Candidate Projects Suggestions from 2040 LRTP: Tolls/PPP Focus

Project	From	To	Tally
No Tolls	n/a	n/a	28
NO PPPs	n/a	n/a	8
More tunnels WITHOUT Tolls	n/a	n/a	1
Toll HRBT and keep these revenues local to improve the road system	n/a	n/a	1
Tolls placed on roadways needs to be in a separate fund to be used only when construction is to begin	n/a	n/a	1
Reduce tolls (when they come) for carpools	n/a	n/a	1
Reduce tolls on Chesapeake Expressway - to get more traffic off of Battlefield Blvd	n/a	n/a	1
Lower tolls on Jordan bridge	n/a	n/a	1
Tolls on the tunnels - set it at a rate that is acceptable over a long period of time, never take the toll off and put the money in a maintenance account	n/a	n/a	1
Tolls needed but NOT at a high price	n/a	n/a	1
Put tolls on I-264 going to the beach	n/a	Virginia Beach	1
Tolls on tunnels during summer to capitalize vacationers going to OBX	n/a	n/a	1
Charge hefty tolls on tunnels	n/a	n/a	1
If State is going to use the toll approach, it should be done throughout the state (i.e. Northern Virginia interstates and bridges) In Hampton Roads, putting tolls on bridges and tunnels leaves no choice unlike the other areas of the state	n/a	n/a	1
If we are going to have tolls to get from Virginia Beach to Richmond, I should be able to pay once at the start and not have to pay up to 3 tolls.	n/a	n/a	1
Keep the EZ Pass low as possible	n/a	n/a	1

## CANDIDATE HOV PROJECT SUGGESTIONS

Suggestions have a focus on HOV lanes.

## Candidate Projects Suggestions from 2040 LRTP: HOV Focus

Project	From	To	Tally
Make HOV available to all, military members	n/a	n/a	4
Eliminate HOV lanes	n/a	n/a	3
Convert HOV to HOT	n/a	n/a	2
Allow HOV lanes to be open to all when there's a major accident	n/a	n/a	1
Add HOV lanes to freeways (in general)	n/a	n/a	1
Make the HOV lanes 14 hours long w/tolls, 5am to 7pm	n/a	n/a	1
Shorten HOV restricted use hours - open HOV lanes at 7:00 am and at 5:00 pm	n/a	n/a	1
Remove HOV restrictions and add user-fees for all vehicles	n/a	n/a	1
Terminate HOV lanes & light rail inside NAS, NOB, NNSDD, NNS & shipyards	n/a	n/a	1

CANDIDATE  
EDUCATION/INVOLVEMENT/COMMUNICATION  
PROJECTS

## Candidate Projects Suggestions from 2040 LRTP: Education/Involvement/Communication Focus

<b>Project</b>	<b>From</b>	<b>To</b>	<b>Tally</b>
Education programs for drivers and bicyclists on how to share the road	n/a	n/a	1
Provide real-time arrival information for bus/ferry/rail via smart phones	n/a	n/a	1
Provide more roundabouts along with video/education on how to use them	n/a	n/a	1
Improve communications/information to plan travel using public transit-- make it easy for users to plan routes & times	n/a	n/a	1
Make communications about mass transit options a project (like making Net connections with Light Rail specific and available on the Internet.)	n/a	n/a	1
Increase driver awareness towards cyclists/reduce driver hostility towards cyclists	n/a	n/a	2
Better handling of accidents/incidents with expanded communications for commuters regarding alternate routes	n/a	n/a	1
Inform the general public about commercial freight train scheduling	n/a	n/a	1
Educate children about trains/light rail	n/a	n/a	1
Better traffic information system integration	n/a	n/a	1
Provide the HR residents a clear overall picture of what is being planned for area highway projects, instead of a piecemeal - If they could see how many roads and bridges are planned to be tolled, you'd see more interest in increasing the gas tax.	n/a	n/a	1
Increase the effort by VDOT to be transparent with the public either through mailings or local television ads on large projects that effect people for decades. A blurb on the news or in the newspaper is not enough.	n/a	n/a	1
Education on how to properly merge in traffic with ticket/fines for not merging correctly	n/a	n/a	1
Do a better job communicating information through ITS's currently in place	n/a	n/a	1
Fix our existing roads, enforce laws and teach proper driver etiquette in high schools	n/a	n/a	1

## CANDIDATE MISCELLANEOUS PROJECT SUGGESTIONS

Suggestions cover a large array of areas that do not fit in other categories.

## Candidate Projects Suggestions from 2040 L RTP: Miscellaneous Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Promote campaign of drivers keeping a steady speed instead of stop & go at HRBT	n/a	n/a	1
Speed bumps or atleast a lower speed limit sign for roads with playground - ex. Neighborhoods especially in Birdneck Lake	n/a	n/a	1
Eliminate Berkley Bridge lift	n/a	n/a	1
More options for those who live outside of Norfolk commuting in and out	n/a	n/a	1
Rename I-64 beltway I-664 for clarity	n/a	n/a	1
Limit speed on Ocean View Avenue	n/a	n/a	1
Raise speed limit (in general)	n/a	n/a	1
Less bridge raises for the 1% that own operate boats	n/a	n/a	1
Ships/boats whether commercial/recreational/or naval should have to pay a toll when their is a bridge lift/opening.	n/a	n/a	1
Ticket all drivers that block intersections and it will pay for itself	n/a	n/a	1
Install intersection cameras to reduce yellow/red light runners	n/a	n/a	2
Harsher punishment for red light and blocking intersections	n/a	n/a	2
Get the police out and ticket speeders	n/a	n/a	1
Set and enforce laws in Virginia banning texting on cell phones	n/a	n/a	1
Training for Police to keep traffic flowing when investigating an accident. No medians, make them turn lanes and emergency lanes.	n/a	n/a	1
Increase traffic fines - make people breaking the law pay for more of the repairs	n/a	n/a	1
Build an overall plan that includes alternative means such as bike, rail and light rail, walking, people movers	n/a	n/a	1
Build an overall plan that builds lanes for bikes, rails, light buses	n/a	n/a	1
Build an overall plan that includes the commercial needs of ports	n/a	n/a	1
Build an overall plan that include alternative transportation that is coordinated and connected throughout the region	n/a	n/a	1
Build an overall plan that quits add more vehicle lanes to roads (unsustainable)	n/a	n/a	1
Better city planning to avoid urban/suburban sprawl- increase foot and bike traffic and minimize car traffic	n/a	n/a	1

## Candidate Projects Suggestions from 2040 L RTP: Miscellaneous Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
Provide general travel alternatives to getting around the region	n/a	n/a	1
Provide more options for travel to urban areas from rural areas	n/a	n/a	1
Concentrate on making communities walkable using the 5 min. walking distance as the basis for planning mixed use communities	n/a	n/a	1
Get rid of interconnecting neighborhood cut-throughs	n/a	n/a	1
Eliminate trees/shrubs in median, gore areas, to reduce maintenance costs, storm liability, enhance visibility	n/a	n/a	1
Clearing overhanging trees and extending turn lanes would greatly help traffic jams in many areas.	n/a	n/a	1
Regional strategic planning for emergency preparedness	n/a	n/a	1
Address speed limits in residential areas - too high	n/a	n/a	1
Enforce moving violation traffic laws	n/a	n/a	1
Provide more green space	n/a	n/a	1
More/create safe evacuation routes	n/a	n/a	2
Properly zone land such that it will not overburden transportation infrastructure	n/a	n/a	1
Regional efforts to secure greater state and federal funding for this region - better sustained transportation and related infrastructure maintenance	n/a	n/a	1
Need true regional vision and cooperation	n/a	n/a	2
A long term strategic transportation plan is needed	n/a	n/a	1
Flexibility in employer hours/staggering work hours - working with local businesses/staggering work hours at large work sites/coordinate work shifts	n/a	n/a	5
Get the Navy to stagger their work hours	n/a	n/a	2
Transportation needs to be available 24 hrs due to shift workers or needing to work late	n/a	n/a	1
Affordable housing must be served by reasonably convenient and affordable public transportation	n/a	n/a	1
Incentives for carpooling, work-from-home and other solutions implemented by employers	n/a	n/a	1
Transportation projects must stay within the cost limits that the current revenues will support	n/a	n/a	1
Telecommuting education to employers	n/a	n/a	1
Reduce vehicles on the highways by promoting Telecommuting - offer incentives to employers who participate, Set up Telecommuting Centers where employees can "clock in" to reassure employers that they really are working.	n/a	n/a	1

## Candidate Projects Suggestions from 2040 L RTP: Miscellaneous Focus

### SPECIFIC PROJECT SUGGESTIONS

### GENERAL SUGGESTIONS

Project	From	To	Tally
OPM has tried to encourage telecommuting by federal agencies but Navy has typically ignored it	n/a	n/a	1
Encourage telecommuting even if only few days in a week - approach largest employers to share costs of special employee buses	n/a	n/a	1
Increase telecommuting for jobs that are appropriate	n/a	n/a	1
Greater use of intelligent traffic methodology and management	n/a	n/a	1
Make VDOT more efficient and reduce government waste	n/a	n/a	1
Do not build schools in areas that impede traffic flow	n/a	n/a	1
Give tax break to people who carpool	n/a	n/a	1
Use a green vehicle	n/a	n/a	1

## CANDIDATE FUNDING PROJECT SUGGESTIONS

Suggestions have a funding focus.

## Candidate Projects Suggestions from 2040 LRTP: Funding Focus

### FUNDING SPECIFIED FOR CERTAIN PROJECTS

Project	From	To	Tally
Get funding for Dominion Blvd expansion vs toll bridge	n/a	n/a	1
Increase gas or sales tax to make improvements to the time spent in traffic at the Downtown Tunnel and the Berkeley Bridge	n/a	n/a	1
Use taxes (e.g., gas tax, property tax but NOT sales tax) over tolls	n/a	n/a	1
Raise taxes (e.g., gas, sales, income, registration, and etc.)	n/a	n/a	15
Raise gas tax, not tolls	n/a	n/a	1
Match the gas prices to MD, NC by upping the gas tax	n/a	n/a	1
Index the gas tax	n/a	n/a	1
Use gas tax <u>NOT</u> tolls to improve highways and tunnels	n/a	n/a	1
State-wide gas tax to create needed tax dollars for road improvements, maintenance, etc.	n/a	n/a	1
Use mileage/odometer reading at state inspection to compensate for waning money collected by gas tax	n/a	n/a	1
The NC and VA gas pump prices are almost the same. The difference in NC and VA gas tax is around \$0.10. Someone (gas wholesalers?) is collecting the difference. VA should collect that and use it to fund infrastructure.	n/a	n/a	1
Impose a sales tax to fund infrastructure and STOP stealing funds from the General Fund like the tobacco settlement	n/a	n/a	1
Providing transportation to seniors in the Greater Williamsburg Area who can no longer drive safely and who don't live on a bus line.	n/a	n/a	1
Make sure to bank funds for major bridge and tunnel replacement projects	n/a	n/a	1
Raise some taxes dedicated to roads	n/a	n/a	1

## CANDIDATE SPECIAL NEEDS PROJECT SUGGESTIONS

Suggestions focus on special needs in transportation.

## Candidate Projects Suggestions from 2040 LRTIP: Special Needs Focus

Project	From	To	Tally
Improve disabled access and hefty bus/shuttle service for it to be successful	n/a	n/a	1
Improve HandiRide so the disabled can have a social life on the weekends, get to and from church or social events.	n/a	n/a	1
Cooperative efforts between cities re. transportation for the public and for special needs users	n/a	n/a	1
Need better assistance for elderly transport (for low income people)	n/a	n/a	1
Need more access to door to door service for disabled in the community that rely on assistive devices, i.e., wheelchair accessible taxis	n/a	n/a	1
Comply with federal law and make sidewalks wheelchair accessible - wheelchair users are sick of being in the roads because of blocked sidewalks and missing curb cuts	n/a	n/a	1
Provide affordable taxi service for seniors that includes wheelchairs	n/a	n/a	1
Transportation from York Co. to local shopping areas such as Patrick Henry Mall, City Center, Port Warwick, and Hampton Town City would be very helpful, especially for seniors.	n/a	n/a	1

## OPPOSED PROJECT SUGGESTIONS

Suggestions focus on objecting transportation projects.

## Candidate Projects Suggestions from 2040 LRTPO: Opposed Focus

Project	From	To	Tally
No to Light Rail	n/a	n/a	15
No to Route 460	n/a	n/a	11
Recind current Midtown/Downtown Tunnel (ERC) project	n/a	n/a	6
No to Third Crossing	n/a	n/a	2
No to Patriots Crossing - as currently designed, will NOT move any additional vehicles	n/a	n/a	1
Don't need MLK Extension - Pinners Point makes MLK Extension obsolete	n/a	n/a	1

## Appendix D: *Miscellaneous Responses*

*HRTPO reserves the right to redact (edit) or omit any public comment that contains profanity, obscenity, or vulgarity. Any comments that contain hate speech, and or defamation to a person or people will be omitted as well.*

**Q1: What do you believe are the most important issues facing the Hampton Roads region?**

**Miscellaneous Response**

- Honoring God in government and schools
- Improving Portsmouth's image and crime/drug issues
- affordable Health Care
- Stop politicians from wasting money on luxuries
- Preparing for the aging of the population
- providing more handicapped accessible affordable housing & enforcing the ADA Act
- Sustaining an attractive tourism economy
- jobs, government spending, size of government, quality education,
- Stopping any cuts in Military
- maintaining desirable tourism destinations
- Attracting businesses to create good jobs
- keeping our military bases: providing better education
- improving livability
- EPA unfunded mandates (TMDL/Consent Decree)
- Education and workforce training
- diversifying the economy beyond military
- over population
- Assisted living for physically disabled; sp. needs caregiver availability
- illegal immigration
- Building protection against flooding due to rising sea levels and big storms.
- fiscal responsibility: pay as you go
- maintaining access to quality health care
- jobs
- creating the kinds of places that the next generation wants to live
- Stopping privatization of state port facilities.
- Virginia's ports and related infrastructure
- Maintaining military facilities and commands
- changing the Dillon rule
- 1. Ensure sustainable water supply for public water systems.
- Sustainable living in consideration of all the above items.
- Make the regional economy independent of the military.
- develop with the creative class in mind
- Reducing "red tape" and the influence of the Corps of Engr. (and EPA & DEQ)
- Improving access to health and dental care, and reducing obesity
- alternative energy sources
- Rising energy costs are a concern, but not at the expense clean energy measures.
- Improving transportation in HR
- Limiting government spending
- Cleaning up the neighborhoods and getting legitimate leaders in office.

**Q1: What do you believe are the most important issues facing the Hampton Roads region?**

**Miscellaneous Response**

- ensure sound infrastructure, especially roads and public transportation opport (sic).
- Economic growth
- overspending & waste with local government
- Helping our low socioeconomic families to have a better quality of life
- Marriage Equality
- Providing a centralized and more comprehensive location for arts and entertainment
- Police, Firemen & First responders
- Developing/utilizing alternative energy sources
- A complete reversal of Liberalism
- unemployment
- EMERGENCY RESPONSIVENESS
- increase CERT role
- Providing free transportation to all military in the area!!!!
- Developing Regional Evacuation Guidance
- Impact of tolls on the small businesses, employees, the military , and

**Q2: What are the top transportation problems you are most concerned with?**

<b>Miscellaneous Response</b>
Road rage. Drivers not at peace with themselves, God and others.
miss-focused priorities based on developer pipedreams
Failure to penalize at-fault drivers for delays caused to others, esp. @ tunnels
Flooding of roads
Government and public's lack of imagination and vision.
Traffic violation enforcement
transportation policies that impede employment & cultural opportunities
Tailgating (at any speed)
Motorized vehicle oriented development and infrastructure.
Hostile and uninformed drivers endangering cyclists.
lack of enforcement of traffic laws
Inattention to highway/railroad crossings
Inattention to highway/railroad grade crossings
unlicensed motor vehicles on road
Lack of a transportation plan that includes air sea and land, with both commeric (sic)
Flooding on pavement
Low law enforcement for traffic violators
Sustainable long range planning
Drivers lack of knowledge and inability to be cooperative and courteous to other
Road rage
ignoring residential opinions and saddling us with a 58 year mortgage for a ton
VDOT/ERCO agreement
loss of jobs because of congestion

**Q3: What is the most critical transportation problem in your NEIGHBORHOOD?**

<b>Miscellaneous Response</b>
lack of lamp post lights
Residents who do not use sidewalks or crosswalks.
No street lights
Flooding roads when storms come
Roadway flooding
Retro reflective signs blind drivers on back roads.
In VB, a \$1.7 billion backlog of internal road projects
clear signage
Naval Hospital personnel cutting through residential neighborhoods
no street lights
Flooding
with lack of driveways, people park on the streets making the roads to narrow
inability of government to work for the people
Travel speeds and dangerous conditions due to Navy @ Naval Medical Center
Gate 2
Recent requirement to trim trees back 50 ft. reduced buffer to noise on
Northampton
flooding due to lack of proper drainage
long road project Kempsville Princess Anne realignment
flooded streets during high tides
Projected closing one entrance
Excessive parking on neighborhood streets
tidal flooding
Middle school drop off on a main entrance
trains are too long
crosswalks not marked
Liberal drivers
Cars parked on both sides of narrow streets in residential neighborhood
poor planning by VDOT and the governor
Rising water levels that impedes access

## Q4: What do you think is the most effective way to reduce transportation congestion in our region?

### Miscellaneous Response

- Increase the gas tax, which VA has not done in 27 years
- Dominion Bridge Construction
- Raise Speed Limit
- Improving carpool & ridesharing incentives
- Improve Driver Education/ Driving Tests
- using Inrix Traffic!
- Major shakeup of VDOT personnel starting at the top
- get unlicensed scooters off the roadways. They should have to pay licensing fees assessing fines for at-fault accidents proportionate to backups they cause
- Raise Gas Tax
- High Speed alternatives
- Raise the gas tax - it's simple. No public vote, just do it.
- more enforcement/patrols
- Reduce population
- increase speed limit; reduce cops sitting in speed traps during peak travel hour
- Strict enforcement of traffic laws
- Raise the gas tax
- having the resources to do all of the above
- Improve 1-64 exit 291-B and the 64 to 464 similar to 64-Greenbrier
- raise gas prices to encourage carpooling
- Put more constabulary on the street
- Offering incentives to carpool / ride share
- sight limiting walls on HRBT toward the naval base.
- Remove HOV from highways. They are empty the majority of the time.
- a more sustainable transportation plan
- Enforce traffic laws!!all of them!
- Driver re-education
- Driver education on laws and being courteous
- More education to motorists on safety & accident avoidance
- by expanding government - no one will work anymore
- Getting Business alter work hrs. to red. traffic at times and incr. at others
- cancel E-ZPass plans
- Internet & Tech solutions for coordinating Transportation
- drivers obeying traffic laws
- increase fuel tax (help pay for transit system and decrease incentive to drive)
- Utilize HOV for light rail, accommodate our military.
- Improving education on transit services - making it easier to use light rail to airport
- Limit base traffic so not on roads between 4-6 pm
- Educating employers on Telecommuting, providing Telecommuter centers

**Q4: What do you think is the most effective way to reduce transportation congestion in our region?**

**Miscellaneous Response**

- Increase revenues via regional tax, not tolls
- availing opportunities to U-TURN OR EXIT AN CONGESTED AREA
- removing the trucks from Hampton Blvd
- Addition of critical alternative & connecting routes to aid flow of traffic
- do away with the HOV lanes and open it up to all traffic
- Give military their own park & ride. Get military to stop parking on bases.

**Q6: If additional funding is needed to improve transportation in the region, which of the following potential funding sources would you support?**

**Miscellaneous Response**

- End overseas wars that do nothing for National Defense
- Impose more requirements on developers (sidewalks, lighting, etc.) and they pay.
- reduce other social programs
- sale of land and buildings.
- Spend the money where you get it (Peninsula is NOT a cash cow for Southside)
- government pays for it
- Increase cost of vanity plates
- Reduce spending on entitlements
- Federal funding, reduction in spending elsewhere.
- Reduce Welfare funding
- A constitutional amendment for a lockbox on transportation funds
- federal and state transportation grants
- DECREASING ELECTED OFFICIAL RAISES OPPORTUNITES
- Reduced salaries. Airline pilots did it, government employees can too.
- REDUCE SPENDING IN WELFARE PROGRAMS
- Take away from "Pork Barrel" projects
- Cut SPENDING in other areas ... NO NEWTAXES
- Move Western Europe to the Mid Atlantic Region
- Reduce corruption in government
- how about no tax increases
- not foreign companies who drain toll money for their profits.
- Complete independent audits of the entire transportation bureaucracies in
- HR
- developers must finance the initial construction and then owners of develop taxes
- reduce entitlements
- Reduce the amount of politicians salaries and fringe benefits.
- the war in the middle east
- Depends on the increases and toll amounts
- How about the money that we get from the federal gov't? Where is it!?!?
- minimize hated tolls
- GET OUT OF PRIVATE-PUBLIC PARTNERSHIPS -
- Spending cuts
- Collect "rent" on gas pump price (\$0.10/g) - ask me for details
- % of Cigarette Tax, cents off the Dollar from ABC Liquor sales,
- lower taxes and increase tolls
- Anything that does not raise taxes or implement tolls

**Q7: How do you normally get around in Hampton Roads?**

**Miscellaneous Response**

Handi-Ride
in a vehicle while working
Telecommute
I fly
Telecommute

**Q9: Do you feel safe using public transportation?**

**Miscellaneous Response**

Could be at least a little better.

People are fighting, arguing and harassing you when on the bus and some drivers are very rude to the point you don't feel comfy on the bus.

**Q10: In addition to how you normally get around in Hampton Roads, please select all other forms of transportation you have used in the past year (i.e., for work, recreation, shopping, etc.).**

<b>Miscellaneous Response</b>
Limo service
Boat
Ambulance/Medical Transport
aircraft
horse back ride
equine
Run

## Q18: What is your vision of transportation in Hampton Roads in 2040?

### Miscellaneous Response

System like San Diego (lots of people but the drive time is not bad)

The city spending money on contractors that take 5 years to fix the roads and wasting the tax payers money on a dumb bridge that charges 2 dollars just to go one way....

With a reduction in congestion, one can expect an increase in seasonal travelers without the negative impact on traffic. Positive encounters will keep people coming back, increasing the local revenue....

Look at Seattle, WA today

Auto travel

Transportation is only one component. HR will become another LA by 2040.

The ERC project need to be declared illegal or citizens will be paying high fees in order to drive on what used to belong to the Commonwealth. Hopefully this will not happen an comprehensive regional transportation plan will be in place.

Disaster waiting to happen. Our only hope is if this administration is re-elected, we won't have an economy to worry about.

More electric/solar autos

hopefully fully automated cars that will reduce traffic and crashes that create gridlock.

NO LIGHTRAIL TO THE BEACH > I SEE CRIME COMING TO THE BEACH IF YOU DO

stalled permanently

Unless there is a dedicated transportation funding source, I think the Navy would relocate more forces elsewhere and shipping companies would use other ports causing our Gross Regional Product to decline and put Hampton Roads in a recession.

Unless we can improve our transportation system it will have negative impact on our local economy.

I consider improving transportation to be the number one issue for our region.

That it contributes to the Hampton Roads economy and quality of life, not drag it down.

All transportation solved.

Get us out of the dead-end cul-de-sac, but with forethought and economics.

More cars...although hovercrafts would be cool.

We should be less dependent on fossil fuels and more able to live near where we work.

Like San Diego!

## Q18: What is your vision of transportation in Hampton Roads in 2040?

### Miscellaneous Response

Taken over by private interests and operated at profits for a few companies. Like most "transportation" projects, transit conduits will be designed and located to serve economic development interests first, with safety, environment and congestion as secondary considerations or not important.

A nightmare! We continue to build more developments and shopping centers and do nothing with our roads

- Cars will be networked together and be able to travel across the roads like packets of data across the internet. When you reach your destination your car will be released from the packet and you'll have manual steering again.

□

- Maybe a transportation system good enough to travel to VA Beach or Norfolk for pleasure a couple of times a year.

Transportation will either be the same, with rising oceans and tidal creeks encroaching on property and recreation or else people will have become alert and sensitive to the real threat behind current actions and begun better utilizing alternative means and conceptualizing how we live.

Without more cooperation from the Federal Government, it will only get worse.

My guess is that it will be grid-locked during peak hours, in poor repair, and constrictions in flow will hamstring business.

Isolation, loss of economic development, reduction in port growth because of ground traffic congestion, and additional reduction of military presence because of congestion. All because our gutless legislators won't increase taxes for transportation maintenance and improvement.

I envision an archipelago W/ mostly water transportation. My wife & I plan to move to higher ground within 10 yrs.

More cares and more and better roads

Completion of above projects

Maybe like Seattle. Mass transit, bike lanes.

less gas burners

Clean, Environmentally Friendly, Less Dependent on Foreign Oil,

Inexpensive

Still not efficient due to the cost of locating pick-up stations strategic to needs

Because of the layout of neighborhoods public transportation is not effective. People would still need to take their own cars to get to the bus, train etc. And what is the schedule for the buses? It is not posted as it is in larger/real cities. VA Bch is a suburb of something.... it doesn't know what.

## Q18: What is your vision of transportation in Hampton Roads in 2040?

### Miscellaneous Response

A place where I have a dependable travel schedule from home to work and back and home to DC and back

Depends on whether the Navy shuts down Oceana NAS. If the major employer in the area leaves there will not be an economy to sustain the population and population will decrease.

We must do something to ease traffic congestion. Our highways and infrastructure need vast improvements. HOV has not proven effective. At the rate we are going Tidewater will be one huge asphalt surface.

More efficient vehicles and more efficient roads.

Don't know. Let's get through the Obama Administration first. We might not have any funds left for 2016.

People are concerned about the spaces around where they live, like sidewalks and walking trails, etc. but how about concentrating on the major road projects before we adhere to individual neighborhoods. Fix the largest traffic areas first, then concentrate on less traveled roads. 64, 264, major intersections, etc. A great vision indeed.

By 2040 molecular manufacturing will have changed the face of humanity itself. The TPO should be focused more upon what will be viable in the next 10 to 12 years instead of 30 years into the future. It is atrocious that the TPO is asking for visions when the TPO should be making the suggestions based upon its projections. Where is the 2020 survey?

One that works for the military, business and commerce and tourism

Better - no particular vision

Too hard to say with so many things that can influence it, such as jobs moving, economy changing our needs or abilities to go places or use public transportation or toll roads, which may make some travel impossibly expensive and actually cut traffic. Private firms making money on governments role is not a good idea or way to cut costs for us.

My vision is too simply have great lighting to our highways.... Gist south Florida as a model from great lane expansion and lighting.... Heck can we at least get lighting turned on at 264? Major highway.... No lighting..... Unsatisfactory!!!!!!

More considerate drivers on roads that keep traffic flowing with fewer accident blockages and fewer slow-downs from congestion

Improved roads, bridges and tunnel interconnecting the municipalities.

Intermodal, integrated systems

Individual driverless pods controlled by computers on a roadway system of independent "lines". Commuters would pay a tax based on distance traveled each month. I really this system should be implemented nationwide, but would love to see it initiated here.

Probably frustrating

## Q18: What is your vision of transportation in Hampton Roads in 2040?

### Miscellaneous Response

Improve the traffic flow using engineering that  already has proven to be beneficial, Use the U.P.S. system for road trips that minimize left turns doing a work/business related trip.. Educate drivers about bad habit. Reward ourselves with a more efficient transportation system. That will intern make our hometown better for business, and ourselves

Smooth

projects that are necessary not nice to have like light rail. projects that can pay for and are budgeted. You should be good stewards of taxpayer monies and handle the finances like we do in our home. Dont buy anything unless can afford it!

It won't be much. I plan to retire and stay close to home in Virginia Beach.

We need to have a better transportation system. All other metro areas far outpace our region.

At the current rate of improvement and the promulgation of ideas to add additional tunnels, I foresee total disaster.

A network that addresses & innovates transportation methods & ideas for other metropolitan areas to follow as an example.

If something is done now and decisions are made, then Hampton Roads traffic issues will resemble Northern Virginia's.

we have little Mexicans giving us piggyback rides

Different

Not too much worse, I hope.

You are already 10 years behind times so get ready for it to get worse in 20 plus more years.

Add to what you have now and try to catch up.

I hope very different from what I see today. I believe staggered travel times will be a thing of the future. If I leave my office at 4:30pm I am home in 20 minutes - if I leave at 5:30pm I can plan on being on the road for 45 - 50 minutes. It is really hard for me to envision light rail on the Peninsula but that decision may have to be made.

Stadiums at the Oceanfront, beautiful old houses torn down to make way for big driveways. Many big Nightclubs and the poor homeless people as they do now living in any hole in the wall they can find, but still being the eyes for the Police Department. The Beach will become a very small part since you'll only have sun on it for half the day the buildings will block the rest

just as poor as it is now, if not worse

I have no idea. There are too many variables and no way to account for sudden shifts in transportation modes and technology. So just focus on here and now. We'll worry about 2040 when it's here. Thinking into the next five years is far more reasonable.

## Q18: What is your vision of transportation in Hampton Roads in 2040?

### Miscellaneous Response

a disaster--worse than it is now.

get all new traffic engineers and traffic will be fine.

realistically, same as it is now. narrow minded politics without forward thinking ideas with a continued blue collar culture.

ideally, a region that will increase its economy, especially in the white collar sector, reduce its crime rate, and revitalize its downtowns. Hampton Roads has great weather, but that's about it. where are the beaches?

I believe that the Infrastructure and Legislation for transportation will unfortunately continue to lag further behind the available transportation technologies.

everyone's needs are considered in the planning process, not just politicians

Scary--I will be 76

We'll need cars that drive themselves. We'll need to go up since we are running out of X, Y axis real estate. We'll need light rail. All assuming the military bases and current ships located here stay.

It will be an uncontrollable nightmare if VDOT and HRT do not clue in to the fact that the military commuters have specifics requirements. Hampton Roads is the earliest rising metro population in the US. Being even 1 min late is not an option for the military and many have to be to work by 6am (5:45am). The end of their work day is not a set time.

Everyone drives electric cars that are ATTRACTIVE & functional. No buses, no transits, no light rail.

I will at that time have to rely on someone driving me around

Much more flooding, really terrible infrastructure, regional economy tanks because of endless problems with ports and Richmond meddling to prevent regional cooperation.

I am pessimistic about the transportation system in 2040 because those making decisions now seem to only consider their political futures at the expense of local drivers.

Flying cars we wont need roads

A lot worst than now.

Light rail, more bus usage, more use of vehicles with better gas mileage

Light rail system throughout Hampton Roads and the use of Natural gas vice oil to fill up your car.

provide public transportation education within the schools, colleges, and the military bases. Provide free public transportation to students attending public schools and colleges.

## Q18: What is your vision of transportation in Hampton Roads in 2040?

### Miscellaneous Response

Reliance on rail, alternate fuel source for cars with fewer cars

Motorcycle lanes, ferry and boat transportation along with Amtrak and more expansion of light rail. Virginia is a beautiful area and more should be done to improve transportation to see all it has to offer. This would also create jobs and bring more to the area.

Options to include mass transit and light rail. Passenger rail and an airport with more capacity.

More public transportation (especially light rail) and highly fuel efficient vehicles.

### IF THE MILITARY LEAVES, THERE WILL BE NO CONGESTION.

Rapid, clean, safe, and seamlessly linked to other metropolitan areas. It is ridiculous to arrive at Norfolk Airport and have no public transportation method for departing the facility. Also, no driver will dare approach a tunnel with a poorly maintained vehicle, or drive poorly, for fear of astronomical fines (\$100/car they back up).

Having the ability to travel anywhere and not worry about delays due to congestion, but have the ability to be notified on accidents/incidents so to be able to revise the traveling route.

Draconian taxes for crappy roads and lots of waste fraud and abuse of taxpayer funds.

Pretty much NO CHANGE!

Multi modal mass transit and a tunnel or tunnels that people won't freak out to drive in

Would love to see less, our local economy is highly based on transportation in and out of our local ports and military personnel coming and going. Road improvement and less traffic lights and obstacles will be key.

An integrated high-speed concourse that (via computer-based travel request) allows the driver to enter the travel lane. This would allow the driver to retain "control" but allow for managed flow of vehicles to reduce wait-time, fuel consumption and traffic delays. We would also have mass-transit that takes us to specific destinations as needed.

A mess because vision, honesty, and common sense are apparently lacking. And of course the tunnels will still be tolled.

### MULTIMODAL

Hampton Roads needs to build to meet the needs of the X Generation and the Z Generation.  We have 21st Century cars, 20th Century roads, BUT we have 19th Century institutions!!!

We need to become a 21st Century region or we'll fail our citizens!

## Q18: What is your vision of transportation in Hampton Roads in 2040?

### Miscellaneous Response

better technology. Far better public transportation. Some improvement in roads. Far better coordination between land use and transportation. vibrant region, linked by transit, mixed use urban cores, attractive to jobs and people

POVs for short and medium distance transportation and mass transportation as the chief means for long distance transit needs and capabilities for tourists to utilize local public transportation networks to get to destinations without POV to greatest extent practicable

More people working from home and shopping on line cutting down on traffic. Also cost of gas will be much higher to percentage of income.

Modern and functional. Something that works for the common good.

a mess, thank goodness I will be 80 and not be traveling around town much. I have lived here 5 years and I have yet to see a concrete plan for a way ahead. Get the military brass involved. Out of the box thinking, say a nice large parking garage on Naval Base Norfolk with a Ferry that takes workers to the shipyards across the water.

Fewer cars. Rather than spending \$5 billion on a third crossing, give the money to Jeff Lab and NIA and let them develop tele-transportation (sic).

GRIDLOCK, tunnels are complete bottlenecks. Forget hurricane evacuations you can't get out of town on a VT football game weekend! All west to east major transportation routes are in the same 1 mile wide corridor(I-264, VB Blvd., future light rail),everybody jammed in same area.

Raise speed limit back on Shore Dr. Build elevated crosswalks for pedestrians.

Rail systems built above 264 and 64 much like the rail system at Disney in Florida that takes commuters to/from work. Cars, buses, company supplied vans that operate via computer without drivers that run on Natural Gas, and advanced super batteries that enables them to travel three to four hundred miles without recharging. Bike if close to work.

more bicycles. outlaw motorized vehicles that cannot keep up to speed on roads that don't have to have license plates.

better roads, beef up the bus service with internet. Make more frequent stops.

Congestion

Road rage and impatience with traffic. Other drivers lack of knowledge, lack of attention to traffic and road conditions and most of all being extremely discourteous.

absolute gridlock with the result being that regional business and employment decline - total absence of political will to do anything constructive will end the standards of living we currently enjoy

## Q18: What is your vision of transportation in Hampton Roads in 2040?

### Miscellaneous Response

The same as now....bleak. Tolls are not the answer. Why would I have to pay to go to work to serve my country????? Really?

Near impossible to escape a severe hurricane.

High tower garages, bike/scooter, pedestrian-friendly areas for the masses, satellite parking.

less/no need of private transportation. Convenient and quick public transportation

More rail, automatic driving vehicles on smart roads.

Better access from one side of the rivers and bays to the other, i.e. improved tunnel access, bridges where appropriate. **LIMITED PUBLIC/PRIVATE VENTURES**, as often those incur greater costs to the consumer.

Less vehicles and more futuristic means of transportation

Less cars and more mass transit and less parking lots

Flexible & convenient mix for public transportation with technology developments leading the way; i.e. hover capability in personal vehicles.

Affordable private transportation that puts less requirements on infrastructure lessening the need for high cost maintenance. Use of on-call private vehicle portal to portal u-drive ad hoc rentals.

Bike to the local Tide stop, hop on and go to the ocean front, then bike the rest of the way on safe bike ways to work.

Automated systems for bridges and tunnels that keep all traffic moving at the same speed (and prevent accidents).

Safe overnight parking at Tide stops, so I can take the Tide to the airport or Amtrak station.

Public transportation rail, air, buses, over the water ferries. Private boats and private vehicles. More families with school age

children will generate more educational sites.

needing vehicles to and from. High rise apartments will generate more congestion around them.

smaller cars, more buses, more people working at

home. on-line shopping and delivery greatly

decreasing the need for a commute to the stores.

Roads will still be the primary infrastructure for transportation. Vehicles will be smaller, and more motorcycles, mopeds, scooters, and bicycles will be in use. Light rail will likely have been forcibly expanded, and in 2040 will be an inordinately large drain on local and federal tax revenue (unsustainable without tax subsidy).

## Q18: What is your vision of transportation in Hampton Roads in 2040?

### Miscellaneous Response

Walkable communities with easy access to basic needs. The Tide connecting all of Hampton Roads. Stop listening to the media, that thrives on conflict and politicians, who worry about the next election. People voted with their feet, when they lined up in droves to ride the Tide. If it is expanded across jurisdictions, usage will grow.

Integrated system where residents, businesses and tourists have a variety of options that are coordinated with the needs and economic capabilities of the public they serve. Infrastructure First approach to development. More flexible forms of Mass Transit that can adapt to changing needs and demographics.

Gridlock and a failing regional economy. Virginia will not increase the gas tax to fund needed public roads, bridges, and tunnels. The lack of public support and means to pay tolls for the public private partnerships will cause their failure. The cities won't have the funds for local projects. The Navy will relocate ships and commands to other area

Better and more efficient accessibility to/from Peninsula/Southside. Light-rail thru out HR. Regional hi-speed transportation, well-marketed and highly visible, consistent & engaging public education on its value and practicality.

Light Rail, Less Traffic on 64 and adjacent roads coming into and out of Hampton Roads. Which would reduce the overall cost to tax payers. It would also create jobs. I would love to see a light rail from Williamsburg to Hampton and Norfolk or from Yorktown to Hampton and Norfolk going down 17. Reduce vehicular traffic by adding rail. Please!

Economically and environmentally friendly with a focus on non-car related transportation

Increase mixed use for low density communities. Connect low density communities to high density communities via light rail to reduce traffic congestion or need for other public transportation/car use, etc.

If not more and BETTER mass transportation, and better planning of Interstate system, using Federal funds or joint private/public funds, traffic will become worse than it is now.

Due to the terrible plan of tolls and awful contract VDOT signed, there can be no improvement of the High Rise Bridge or other route. Transportation will be expensive, gridlocked, and our region will lose. Tear up the contract and expand the Tide out to Maryview Hospital & out to the Navy Base, improve the High rise Bridge corridor, and the picture will be much improved.

A system that preserves the port and keeps what's left of military from going somewhere else, funded by additional tax revenue

More public transportation, light rail or metro, better roadways

## Q18: What is your vision of transportation in Hampton Roads in 2040?

### Miscellaneous Response

my vision of Transportation in Hampton Roads is smooth traveling on uncongested interstates inroads between the sound signed and the peninsula. Air travel and train travel should also be available and if necessary centralized.

Light rail from beach to medical center to Old Dominion to naval base to Chesapeake. HOV lanes available for a fee for < 2 riders.

less reliance on gas

less congestion

smarter intersections

timed lights

More public transportation, which would be highly efficient and integrated between light rail, buses, auto/taxi, pedestrian traffic. Once you enter a certain population density boundary, there are no private vehicles.

Mass transit would be the primary mode of transportation. Cars would be used minimally and they would be more energy efficient. A green zone would be established to limit suburban sprawl. Emphasis would be placed on preserving natural resources for the generations to come.

would like to see expanded use of commuter rail throughout the region. Electric car sharing programs might be feasible in some of the tourist areas. charging stations for personal electric cars could be a draw as well.

Ideally? Light Rail from Norfolk to the Ocean front via Hilltop. Spur to ODU and the Naval Base. Make sure there are enough Park and Ride lots. Make high-density developers pitch in more to accommodate increased transportation burdens.

Hopefully better roads - less accidents - no fatalities - light rail that get you anywhere you want to go

People biking to work early, riding buses, having child care near their place of work. Having a showers and time at work to refresh after a work out, walk or biking to work. Everyone learning to share the road and coop carpooling. Shop after work instead of rushing home. Most stores closed on Sunday, family day.

Light rail makes a loop to include Va. Beach resort area, Norfolk, ODU, the Naval Base, and the airport with spurs to Chesapeake and Oceana. I see work/life developments sprouting along the loop. I see more young visionary people moving here because we develop better public transportation.

complete current projects, expand/improve existing roads

Easy, affordable, accessible at all times mass transportation. No congestion. Better drivers who are courteous.

## Q18: What is your vision of transportation in Hampton Roads in 2040?

### Miscellaneous Response

Unless better roads and better maintenance is done the congestion will get worse. Community puts too many homes and businesses together with little consequence to traffic (poor planning). Overpass construction should be considered i.e. over the current HOV lanes. Make the Navy base improve gate operations and utilize more gates etc.

More light rail, less suburban sprawl, more vertical development, less horizontal development, more cellular neighborhoods including residential and markets within walkable distances connected to other neighborhoods with light rail. More stringent noise regulations. Encouraged teleworking. Rush hour traffic discussed in history classes.

I vision a subway, many more taxicabs, and the train system increased.

Would like to see greater variety of realistic alternatives. Light rail, express bus service, ferry service etc. to improve commuting times. Reduced truck congestion on non-interstate roads. Greater opportunities for safer cycling without taking your life into your own hands with aggressive road hogging drivers.

-More state funding going to maintenance projects in our region vice Northern VA.

-Not selling our bridges and tunnels to private entities.

-More efficient gates at our military installations.

-Not having a toll on every road.

-Investing in choke points vice projects that aren't a problem (e.g., US 460).

-Reduced truck traffic.

Expanded HRBT with light rail & 4 lanes in each direction. Expanded Monitor Merrimac. Light rail system connecting regional hubs to Richmond, DC, & the research triangle. Incorporation of bike paths in all new road projects and retrofitting of dedicated multi-use paths in urban areas. All street lights retrofitted to LED & dark sky friendly fixtures

Light rail in the new Midtown Tunnel. You will destroy regionalism with the excessive tolls and not accomplish anything good for the region. You will, however, made foreign corporations and corrupt politicians richer.

Less traffic, more roads/bridges/tunnels, more efficient vehicles, light rail to Navy base, air port, ocean front, Portsmouth.

Light rail connected with Amtrak, and electric computer controlled trolley network.

## Q18: What is your vision of transportation in Hampton Roads in 2040?

### Miscellaneous Response

Would like to see way fewer automobiles, better road systems, more mass transit and better pedestrian/cycling facilities. Smaller, mostly efficient vehicles. Large personal vehicles should be discouraged and should pay higher taxes.

More rail. New airport closing Richmond, NNWilliamsburg, Norfolk, Oceana. 3rd crossing to get cargo out, with a rail link. Get rid of curves into tunnels, biggest factor in folks slowing. Fire whoever builds our roads why do they need so much work. Been all over the USA and nothing like the zebra stripes we have here. (sic)

Continued movement and flow of traffic, a good use of traffic signals and intersections, good management of heavier trafficked areas, re-pavement and smoother roads with a significant decrease in flooding, better pipelines that drain rain flow. Continued building of walking and biking paths.

Affordable public transportation. Affordable gas prices.

Light rail from Williamsburg to the Southside. □

Third crossing □

Improvements to RT 460 to offload beach/port traffic from I-64 (Interstate class highway from I-95 to the ports) □

Public Private Partnerships.

Without embracing forward thinking ideas and learning for what other regions of our size have accomplished, I envision the loss of industry and jobs from this area that are staples to our economy. I would like to see our region better connected through commuter rail, passenger rail, and a more comprehensive intercity bus and transit bus system.

Fewer roads and freeways. More rail, buses, and public transit. More sidewalks and bike lanes. More compact cities; less sprawl. Fewer cars and traffic.

Light rail in all major parts of all cities with connecting buses and commuter parking lots. Incentive for carpools. Gas tax providing public funds for public transportation and road maintenance. A director who is sensitive to how decisions will affect all communities. Car ferries would be a nice addition.

If we don't fix our transportation problems, we will be a stagnant cul de sac with gridlock and a declining economy due to the relocation of all businesses that need to get goods and services in and out. □

OR we could have light and high speed rail in, out of and throughout Hampton Roads. A roadway system that allows trucks to move freely (maybe tha (sic)

A light rail and passenger train system that connects the 7 cities, and more bike and foot travel due to limits on urban sprawl and more centralized economies, more small shops and local food and less long distance/out of state importation of food and other goods.

## Q18: What is your vision of transportation in Hampton Roads in 2040?

### **Miscellaneous Response**

Another bridge tunnel, light rail to VA Beach, improved storm water handling capabilities for 2nd roads and neighborhoods, widen I64, regional rail and ferry services especially for rush hour commuting

Smart cars

Light rail

Bicycle lanes in place with bike racks

Lot more walking/cycling and light rail. Vehicles that self regulate distances/speeds/etc. to keep traffic flowing. Many traffic jams on the highways can be mitigated if people did not jam on the brakes and accelerator.

In 2040, I-64 will be at least 4 lanes each way between Richmond and Norfolk; the HRBT will be at least 6 lanes wide each way with a toll and light rail; MMBT will have a third crossing for better truck traffic; light rail will be everywhere and efficient; smarter traffic technology will abound with smart cars, smart roads, and smarter drivers.

Local rail service (light rail) between major areas on the Southside, and regional rail service (Amtrak) between Virginia Beach and areas north such as the Peninsula, Richmond, D.C., New York. More and safer bike lanes along major roadways. Revitalization of downtown areas.

## Q19: Do you think the existing transportation system meets the needs of all citizens in Hampton Roads?

### Miscellaneous Response

To much red tape. Contractors and lawyer fees for drafting the contract is waste fraud and abuse

No. If you want to expand economically transportation pipelines need to be open. This will create opportunity for businesses and a better work force to occupy those positions. The first question when deciding to apply for a job in Hampton Roads is where is it and how long will I sit in traffic each day to get there.

Light Rail would help.

Recommendation, build a highway (expressway) to I-95 through Suffolk, Franklin, etc. linking up Hampton Roads.

if it did, there wouldn't be this many traffic issues

Decisions tend to favor private business and developers--why are these people not tasked with the cost of road improvements when it is their businesses that increase the road congestion and they profit without bearing the expense--why does the private citizen need to bear the cost??

There is a clear disconnect b/w roadway planning and transit planning.

We need a comprehensive regional approach, not just one that works for the politicos and Grover Norquist.

Many people continue to need taxicabs for transportation.

But the needs will soon exceed the means

Needs more for the peninsula

I-64 I-95 corridor is shamefully inadequate

It will not meet future needs

It meets the needs of MOST of the citizens, but it needs to change to be able to meet the needs of future growth. It also needs to change in order to continue to meet the readiness objectives of our largest employer - the U.S. military.

Waterways and commercial and military areas block direct routes for many people living away from expressways.

We're never going to be able to expand our economy through the ports if we continue having highway congestion. Congestion is also a huge issue for military readiness.

If you have to asked this question you apparently never drove on our main transportation arteries like I-64, I-95 or Route 17. Get in a car and check it out. But don't drive on back roads at night, unless you want to meet some deer or fallen trees shielded by the blinding light from reflective signs. Who ever came up with that idea should be identified and dealt with in court. Anyone with a brain regarding what a brilliant flash does to night vision should have been consulted. Idiot!

People don't "need" to travel as much as they do.

## Q19: Do you think the existing transportation system meets the needs of all citizens in Hampton Roads?

### Miscellaneous Response

Local businesses are dependent on the transportation corridors that attract the larger businesses, the businesses themselves cause transportation issues as more traffic lights, turn lanes etc. are then needed to try to ease congestion.

Our transportation right of ways are built out with too much focus on the car, often at the detriment of other users.

No thought given to anything but building more roads and bridges - short-sighted planning.

The current system may meet current needs, but it could be more efficient. The two edge sword is if you make it to easy to travel, you extend the viable commute and accelerate the problem.

Traffic has always been a problem.

People should live closer to their work place

Impossible goal. Rather: efficiently meet the routine uses of a targeted, achievable percentage of reasonable transportation requirements.

We have reached build out. Localities, NN, York, James City County all need to adopt major plans to increase density in brownfields and other areas closer to the "downtowns." Those municipalities also need to work on controlling growth or using TDRs to help limit how many more houses/vehicles we are allowing. Traffic will make the residents realize the problem, extending the roads wont help.

bad judgement on spending on projects that do not move enough traffic for the money

It has been poorly conceived and executed, there is a lack of a master plan.

With all the technology out there; why are we not incorporating it into how we serve the citizen's transportation needs?

Why are we not doing more that Traffix? Avego is the 21st Century solution.

Why are we not using a next-bus alerting system to encourage transit use?

Why do we not have CMS on City street?

Why are we not posting arterial incident information on freeway CMS?

Lets use the tools we have better and implement other technology to close the gap on needs vs. services

poor elected leadership

The cost of owning and maintaining a vehicle is beyond the reach of many individuals. This limits their competitiveness in the labor market because they are forced to work locally.

## Q19: Do you think the existing transportation system meets the needs of all citizens in Hampton Roads?

### Miscellaneous Response

lack of effort in getting projects completed on time and under budget and too much bells and whistles on projects

affordable housing built further and further away from the largest employers in the region encourage longer and longer commute distances. Housing options should be built closer to where jobs are concentrated.

This region still gives priority to automobiles when there is a sizable portion of our population that does not own or have access to private vehicles. A multi-modal, complete streets approach is definitely needed in this region.

Richmond spends our money around Richmond and Northern Virginia to the detriment of Hampton Roads.

let's break free from the single occupancy car model and building large parking lots/stores further and further out. draw it in. take better advantage of what we have. build up, not out. think TOD. the models are there. other regions are doing it. holding onto the past (i.e.. cars, driving alone, thinking mass transit is for poor people) is a liability. let's be leaders and think global competitiveness. big kudos to the TPO for what they're doing

I don't think any transportation will meet the needs of ALL people

It hardly meets the needs of those who have to use it.

Our system is awful and getting worse. Richmond should be ashamed

Look at NYC, Chicago, etc. for examples!

Way behind current and future needs

doesn't cover all neighborhoods

Too motor vehicle dependent.

It does not cover enough areas

We lack a united comprehensive plan and the political will to make the investments necessary to make the region competitive by significantly improving our transportation system today. We are closer to one than we have ever been but politically (state and local) a long way away. I fear it may take a disaster (natural or economic) to correct the thinking of the body politic.

Roads, bridges and tunnels are not sufficient to handle the vehicles on and in them. not fast enough, doesn't cover a lot of main places

The existing system provides the best for the most affluent citizens. They are the ones with less need of the system.

not flexible

Naval and marine transportation modes are in dire straits that need immediate remediation.

**HASN'T BEEN FOR 20 YEARS. STATE REPS ARE A WASTE AND FAIL TO DO THEIR JOBS.**

Demographics

It is a hodge-podge of what each city / town wants. Make something similar to NOVA organization.

## Q19: Do you think the existing transportation system meets the needs of all citizens in Hampton Roads?

### Miscellaneous Response

Of course not, you cannot please everyone. Many times however the fact that it does not meet needs is a personal choice to live far from work.

Too many obstacles for ease of travel between Peninsula and South Hampton Roads compared to travel between the Peninsula and Richmond and points beyond

It would be a whole lot better if drivers were knowledgeable, courteous and attentive 100% of the time.

Not close enough or conveniently time to enhance usage.

The utilization of tunnels rather than bridges creates a psychological restriction to maintaining traffic flow. See previous suggestion as a way of alleviating this problem.

not with the majority of economic development east of the southern branch of the Elizabeth River

The last two boxes I ran out of characters. The needs to be a proactive approach concerning future needs and maintaining what is present.

The POV is the primary/pREFERRED means of transportation for all of Hampton Roads.

It depends where one lives. Transportation issues do not affect me as they do others. I live in rural Virginia Beach and my daily commute is short and direct. I don't know what others face because I am not affected. I believe in user fees. If I use a particular road then I should pay for the use. I try to use alternates if the main roadways are congested.

As much as it can but we need more as always.

Hampers economic growth

room to improvement always

It is not vast enough and it has too many limitations.

southeastern expressway should have been built

No and the solutions are awful - Elizabeth Crossing - 13% guaranteed profit... really? Increases every year? Someone must be getting a kickback or think that the population is stupid although ignorant of the facts and its impact is not far off

Raise speed limit, Expand highway, HOV lane for both directions, do highway work during the middle of the night and not during the peak hours, give tax break to people who carpool,

The light rail corridor is of use to only a very limited group of people/locations. It's hard not to see the corridor as developers' dream and a political liberal's idealism.

The program where institutions pay lump sums for their employees or students subsidized transportation is shifting public funds from one subsidy to another. Meanwhile bridge tunnel workaday commuters pay increased tolls because

Government misspent tax revenues.

## Q19: Do you think the existing transportation system meets the needs of all citizens in Hampton Roads?

### Miscellaneous Response

I have no confidence in HRT handling Rail. The other problem here is business leaders who still think a day is 8 hours, not 24. There is no logical reason why the ports shut down by 6 pm for example.

We need separate interstates, one for those who are competent, including higher speed limits (65mph), and one for those who aren't where they are limited to 40mph.

Transportation options that utilize both land and water. There is no one single answer. Transportation should include more than one solution and form of transportation. Use the all inclusive neighborhoods to include housing options, schools, medical and shopping in convenient walking distance. Trails and battery powered vehicles.

Transportation or the lack thereof in this region is a universal concern among my peer group and coworkers. Not one person remains unaffected by congested highways and rising costs of gasoline, tolls, etc.

Currently the only people who are satisfied are the lucky few who live, work, shop and worship within walking distance of their homes. Most people seem unable to visualize themselves using public transit--sometimes. Most agencies and businesses seem unable to visualize allowing their workers flexible hours. Even school systems do not seem to consider the possible advantages of transporting at least some of their students by public transit. These changes of habits and thinking cost next-to-nothing

If one dime is spent on LRT, it should go to the Navy Base..the largest transportation gridlock, not to the oceanfront to create more over-development. But then there is no development opportunities along I-64 is there?

I don't the existing highway system meets the growing needs of the region especially with regard to port traffic and the seasonal influx of visitors to the area. Route 64 in particular near the Fort Eustis and Lee Hall exit areas needs ramp improvement.

Too congested. Little or no enforcement of traffic laws on the interstate system.

Too much congestion; insufficient planning/coordination of transportation projects; timing of traffic signals is not seemingly coordinated to optimize traffic flow ANYWHERE.

Some recently built area lack sidewalks. And, some business lots don't have the sidewalks return into the business -- as if someone on the sidewalk would never want to enter the business. Those are just a couple of reasons why people get in vehicles to travel less than 100 yards -- generating excess traffic. Local governments could reduce parking demand by encouraging car sharing -- tax rentals for one day or less(locals) at a lower rate than multi-day rentals(tourists). the area has sprawled out too much and lacks proper planning for cohesive operation/efficiency

## Q19: Do you think the existing transportation system meets the needs of all citizens in Hampton Roads?

### Miscellaneous Response

Cannot count on traversing HR Tunnel in reasonable time therefore we stay away from South Hampton Roads. Cannot count on using Norfolk Airport between May and September. Take shopping to Richmond and use that airport.

Flooding/disaster escape/emergency routes are often impeded, money is wasted on light rail and passenger rail projects, divergent cities/communities prevent common sense agreements, leadership is weak in vocalizing need for funding and presenting acceptable ways to get it, and simple fixes like clearing vegetation to improve sight distance, harmonizing signal timing, and extending turn lanes are often ignored, leading to a poor system with a bleak future, which will drive people/businesses out.

It does not meet the needs of business or commuters to work.

Needs to be more focus on getting people off the roads instead of building more roads.

More public transportation is needed. Also, citizens are negatively impacted by the number of tourists on the road. Making the area convenient for tourists to visit without the congestion will be a challenge.

The interstate system stinks and public transportation needs to be expanded.

We must pay attention to the region's competitive strength. Once, we ranked 28th in the nation. Now we rank 37th. We and our regional economy are declining rapidly compared to all other large metro areas in the nation.

We must gain "fair share funding" every year in the STIP (or more in the next 10 years just to catch up), and

FRA must include HR in the Final National Rail Plan as a region destined to have high speed rail and not be the only one of the largest 60 metros without HSR.

64 is a joke for an evacuation route! I would never go that way in an emergency. Rt 17 is a mess.

There should be more of a cooperative effort between the Cities and with VDOT to bring about positive change and a strategic traffic plan for Hampton Roads.

Definitely not! Gutless politician who refuse to make a decision regarding gas or sales tax to pay for transportation improvements.

I think the low economical regions and student base is being left behind. The schools aren't connected and they are close enough to be connected as well as the various entertainment centers.

Public transportation, bridges/tunnels, and rural roads need improvement. Also supporting highway infrastructure, like cameras, smartphone apps for commuters, emergency lanes, digital info. signs, emergency auto support on highways for example.

However, it only meets their needs as there is no other option but make it met their needs. If given other options and land use connection improves, other options may be more viable.

## Q19: Do you think the existing transportation system meets the needs of all citizens in Hampton Roads?

### Miscellaneous Response

As stated previous.. Hampton Roads should have been working on some type of rail or people moving system over 30 years ago. We waste to much money on beautifying rather than keep things neat & simple so that we would have the money needed to work on these problems. All government branch (city, state & federal) always have too many hidden agendas to benefit themselves and not the people they are hired to work for.

no funding available for road maintenance and improvements, lack of planning for ongoing population growth into city and commerce centers

Poor roads, too few buses and those that are used are too big with poor ridership. Can't get anywhere by them. Parking is poor and I can't imagine what nightmare we would have with an arena near the oceanfront.

York County gets looked over when it comes to taxi's, the HRBT and lack of pedestrian walkways□".

A military community requires mass transit that goes everywhere at all times and/or highways that can handle the volume of lone commuters not tied to car pools or mass transit. The military MUST be at work VERY early (earlier than current mass transit operates). If one is lucky enough to have a co-worker that lives nearby, there is NO WAY of predicting if/when any two people will leave work on any given day.

Many of the residents are military who aren't there long enough to justify having a car but they still need to be able to get around. The current transportation system is totally inadequate for their needs which should always come first

Military members hampered by traffic to and from work, not everyone works in the same place so carpooling is difficult, not enough hybrid and car pool to use HOV, not licensed and uninsured drivers continue to drive illegally with poor automobile conditions causing half of the accidents and breakdowns because of lack of public transportation access.

In the Historic Triangle, buses are not available to all that need them; people with physical limitations are not able to get to bus stops, causing seniors to be isolated. Large scale community planning is needed, rather than isolating individual issues. For example, mixed housing developments (including homes with universal design) that are near essential services and mass transit would enable people to stay in their own homes without the isolation that happens in suburban development.

Too many big trucks (get the freight onto the railroads!); too much traffic volume on I-64; aging bridges and tunnels; inadequate signage in many places

## Q19: Do you think the existing transportation system meets the needs of all citizens in Hampton Roads?

### Miscellaneous Response

We are a mobile society, with ever-growing populations. It's grossly unfortunate for residents and visitors in & to the area have to wait an hour or more to visit any of the 7 cities, on any given day, at any given hour. It's very uninviting. The HRBT, the JRB & the MM are just not enough to accommodate or alleviate a lot of the traffic, particularly during summer months. I believe area leaders should really study and apply some European & Asian transportation models.

Too many bottle-necks on Interstates at tunnels and bridges. Need dedicated truck lanes for commercial vehicles. Need to issue tickets to drivers who constantly drive in the "far left lane" no matter which road/highway/Interstate they are on, and usually driving at 5 to 10 miles under posted speed limit. MUST adopt a state law banning talking on hand-held cell phones/iPhones.

Go to Mid-Town, Downtown, or HRBT near rush hour. If one tunnel is blocked, gridlock ensues (recall July 3rd 2011 I-64 west bound pipe burst, or recent I-64 East Bound and JRB closures). Citizens waste time, \$, fuel in traffic. Business and economic development (Port, new corporate investment) are threatened as a result.

Many people with terrible commutes. We have got to break the history of poor planning.

The obvious traffic congestion evidences the inability of the current transportation system to timely, safely and efficiently provide convenient routes for the citizens of Hampton Roads. The recurring gridlock hinders business, education and recreation alike.

Aging population will need mass transit, employers will need to induce new youth but transport costs/parking issues will reduce the employee pool. Younger market will trend urban. Traffic delays and toll threats cause manufacturers/large employers to look elsewhere for building sites. We need a unified approach to transportation to keep the DOD sold on the area, increase new businesses and expansion of existing businesses. Tolls (modest), fuel tax, tire tax, registration fees can cover costs.

One of the worst in the country!

The HR transportation system is dangerous and a complete death sentence to residents...if all 1.7 M ever had to evacuate the area in a hurry.

Quality of life for our active duty military is depressed because they have to spend half of their day commuting to and from work.

Dealing w/ the status quo of the HRBT and quite frankly the CBBT, will profoundly retard our economic development & growth for years to come if radical correction is not initiated!

## Q19: Do you think the existing transportation system meets the needs of all citizens in Hampton Roads?

### Miscellaneous Response

Road ways are too congested..just watch the morning and evening news for traffic tie ups, and if there is an accident or water main break forget it, traffic is at a standstill. Also there are projects i.e.. Princess Anne & Nimmo Pkwy roads that have been going on now for 6-7 years, that is crazy...it does take that long to move utilities, remove trees and add new roadways, hell a 5000 sq. foot house can be built in 8-9 months.

To much growth of people and homes with no planning of transportation system.

I think the future will prove that an extensive light rail network is needed and will be successful. That would include to the beach, up Hampton to naval base, up Granby, across Little Creek and down to Chesapeake on either Battlefield or Greenbrier. Federal money subsidizes other systems and should not be refused here. Better management and planning from the first project would be mandatory

With the existence of the military, Hampton Roads does not address the impact that the military has on the transportation problems in the region. Also with the subsequent growth of population, the lawmakers are not pro-active or do not address the true future projects that this region really needs.

Current situation results in numerous back-ups and long waiting times. Additionally, highway monies have been wasted on projects like the cloverleaf at Mercury and I64. That particular project has added an additional 1/4 mile to get onto 64, when entrance to I64 was not a problem the old way. The cloverleaf "looks" better but is not more efficient. Our highway engineers need to spend money on what is required to assist traffic movement.

We need to maintain the interstate system and improve the light rail system

The traffic can be awful. It is nearly impossible to cross the HRBT or the Downtown Tunnel on Friday afternoon in a timely fashion. The 264 interchange is also a problem. Residents should not have to plan for major traffic headaches. I leave for work very early just to avoid traffic. The military should also be involved in this planning, as much of our area is impacted by military workers.

I have special-needs family members that are unable to walk any significant distances. One of the individuals works and all of them would have a difficult time using mass-transit. Also, I recognize that much of our congestion involves individuals commuting--I'm don't think we can meet regional needs without changes to citizen 'culture' and 'expectations'.

Public transportation does not seem to put money or emphasis where it is needed the most. I see too many large buses with fewer than 10 people riding. Wouldn't it be more effective to use smaller vehicles? Location of stops. Portsmouth TCC for example. Just down from TCC on Cavalier Blvd., multiple shelters & stops but too far from college. Walk to stop is not well lit at night...dangerous. Not good in bad weather. Should be closer to college. Nothing near current stops. Money wasted!

## Q19: Do you think the existing transportation system meets the needs of all citizens in Hampton Roads?

### Miscellaneous Response

INTERSTATES ARE OVER TAXED, BRIDGES TO BE BUILT ARE TO BE TOLLED PUTTING A HARSHIP ON SENIORS, STUDENTS,& LOW INCOME, WHICH LIMIT THE MONEY TO GO ABOUT THEIR ACTIVITIES WITHOUT BEING TAXED TO USE ROADS WE ARE ALREADY BEING TAXED FOR. PUBLIC TRANSPORTATION IS LIMITED BUT COSTLY, NORTHERN VA IS ENJOYING FREE ROADS AND BRIDGES, AS IS WESTERN VA. WE PAID FOR THEM TOO. WE CANNOT HANDLE MUCH MORE IN TAXES ESPECIALLY WITH OBAMA CARE BEING TOSSED OUR WAY. WE ARE AS CITIZENS ARE GOING BROKE.

Explain? Look at the appalling infrastructure - state of the roads, bridges, tunnels, lack of funds for simple maintenance. Seen the WP editorial on 24 December? Oh, and the single-term governorship means no electoral accountability.

The HOV lane does not work. It would be better used as an express lane. Military congestion is the problem. Military members work different shifts and schedules and to use the HOV is not convenient. Light rail would be a huge benefit to the military community and to out of towners. Also many locals do not wish to go to the oceanfront during the summer months due to the congestion and high cost of parking. Light Rail would provide us an option.

Light rail connecting the crossings and light rail from Va. Beach to Norfolk, ODU, and the Base would modernize the area. Light rail in the new Midtown Tunnel. Elimination of For Profit Tolls. ERCO contract is not in the best interest of the citizens or local economy and Governor should terminate for convenience. This contract puts a nail in the coffin of Portsmouth and Norfolk, but the Governor does not care about these 2 cities. Regionalism will be dead.

We need more connectivity throughout the region to include bus, rail, ferry. Also the cities need to look at incentives for their residents to want to get out of their cars. And the military facilities have too much free parking for those who work on the base. Start charging and they will start looking at other ways to get to work where they are not paying to park.

Generally, yes. However, because many must travel across natural boundaries (rivers), crossings should be improved for all modes (vehicles, foot, cycling). Problem is bottle necks at rush hour. Improve routings to major work centers. Encourage people to live near work and zone/build to promote. Eye on fiscal, monitor projects, tight budget, make good deals for populace (13.5% profit for ERC is ridiculous).

## Q19: Do you think the existing transportation system meets the needs of all citizens in Hampton Roads?

### Miscellaneous Response

It is a system based on a near total automobile monopoly. Bus service is limited normally then much reduced on Sundays & holidays. Bike lanes are nearly nonexistent. Pedestrians risk their lives or walk in ditches. Light rail is taken seriously by too few decision makers.

It is promotion of a fat, fat, physically, mentally, and environmentally unhealthy lifestyle.

Increasing size of roadways is ugly & unsustainable. Use of Imminent Domain makes people resentful and mistrustful of government.

Too dependent on individual vehicles; no planning for \*effective\* shared/public transportation; too much support for road building; not enough for maintenance of existing and expansion of rail/public options.

Our existing infrastructure is decaying steadily, and repairs lack adequate funding. The culture has aimed solely at automobiles and public transit has been neglected. We desperately need connectivity to Washington and to Piedmont NC. Life as a cul de sac is suffocating our potential economy.

too big of a population = too many vehicles on roads = poor road conditions & congestion.

Also, I think there should be more educated drivers on the roads. If everyone knew the proper way to drive, there would be less accidents, etc.

There is too much congestion on all roads. The on/off ramps are too small on highways (leading to accidents), secondaries have too many driveways, feeders and stoplights, preventing steady traffic flow. Poor traffic keeps new businesses from wanting to come to the area since it burdens their employees. People expect it in a city with robust mass transit (NYC/DC) but not in a small urban area (not a city) like here.

Excessive congestion at Norfolk Naval Station, poor parking options at Newport News Shipbuilding, and insufficient mass transit options.

It works, but I'm not well versed on the mass transit and it's level of use. I know the roads are extremely congested, but much of that is not something that can be fixed with highway enhancement, but through training and enforcement of turn signals, proper driving/passing lane usage, and reliable mass transit options that become more appealing than private auto.

Potential for use of buses is very under realized for those in suburban neighborhoods due to lack of practical access. City center (downtown) bike/walk/transit options need to be greatly expanded in multiple Hampton Roads localities. Particular attention should be paid to pedestrian education and safety.

## Q19: Do you think the existing transportation system meets the needs of all citizens in Hampton Roads?

### Miscellaneous Response

Bus schedules are ridiculous. Waiting a half hour or hour for a bus?! The bike situation is getting better with all the sharrows, but it's still dangerous. Car drivers AND cyclists seemingly have no knowledge of the law or basic safety practices. I'd really like to see the cities bombarded by a PSA style campaign to raise awareness of bicycling and pedestrian safety. 9 of 10 cyclists I see daily are either riding against traffic or on the sidewalks, endangering pedestrians AND themselves.

Pot holes, traffic backups, wreck less drivers, inconsiderate drivers, lack of bus service for all parts of cities, lack of light rail connecting all of the cities.

Fragile system in place...Limited egress from region in the event of disaster, one car crash knocks out traffic with stopped or inching traffic for hours at bridge tunnels.

Lots of good projects and improvements have been completed over the last 15 years, more now underway or being researched...expand light rail and rail and alternative transportation. Continue to improve cost efficiency of roads, fuel and cars. Limit taxing/tolls to those Commonwealth, cities, and citizens using roads.