

**REGULAR COUNCIL MEETING  
JANUARY 11, 2018**

The Council meeting was held at WILMAPCO, 850 Library Avenue, Suite 100, Newark, Delaware, on January 11, 2018.

1. **CALL TO ORDER:** Mr. John Sisson, Council Chair, opened the meeting at 6:30 p.m.

2. **ROLL CALL:**

**Members present:**

Drew Boyce, representing Jennifer L. Cohan, DeIDOT Secretary of Transportation  
Stacey Dahlstrom representing Rich Hall, representing New Castle County Executive,  
Matthew Meyer  
Connie Holland, Delaware Governor's Appointee  
Herb Inden, representing City of Wilmington Mayor, Michael S. Purzycki  
Jeanne Minner, representing Elkton Mayor, Robert Alt, representing Cecil County Municipalities  
Heather Murphy, Maryland Governor's Appointee  
Eric Sennstrom, representing Cecil County Executive, Alan McCarthy  
John Sisson, Delaware Transit Corporation Chief Executive Officer  
Michael Spencer, representing New Castle County Municipalities

**Members absent:**

None.

**Guests, Observers:**

Anne Brown, Delaware Department of Transportation  
Mary Ridgeway, Federal Highway Administration (FHWA)  
Lanie Thornton, Delaware Department of Transportation

**Staff members:**

Dan Blevins, Principal Planner  
Janet Butler, Administrative Assistant  
Heather Dunigan, Principal Planner  
Sharen T. Elcock, Executive Assistant  
Dave Gula, Principal Planner  
Randi Novakoff, Outreach Manager  
Bill Swiatek, Principal Planner  
Jacob Thompson, Transportation Planner  
Tigist Zegeye, Executive Director

Minutes prepared by Janet Butler

3. **MINUTES:**

The November 9, 2017 meeting minutes were approved.

**ACTION:** On motion by Mr. Spencer seconded by Mr. Sennstrom the Council approved the November 9, 2017 Council Meeting Minutes.

Motion passed.

(1-11-18-01)

#### **4. PUBLIC COMMENT PERIOD:**

None.

#### **COUNCIL MEMBERS' AND DIRECTOR'S REPORT:**

##### **5. Chairperson's Report:**

Mr. Sisson said he attended Delaware Governor's Task Force on Connected and Autonomous Vehicles meeting in December 2017. Ms. Zegeye will attend the next meeting in January 2018. Mr. Sisson also attended the Pedestrian Council Subcommittee for the Built Environment meeting. This subcommittee was formed from an Executive Order by the Delaware Governor. In addition, DART implemented the December 17, 2017 service changes and signed an agreement for a Public/Private Partnership to build, maintain, and operate a parking garage and a transit center, adjacent to the Wilmington Train Station.

##### **- Council Member's Reports:**

None.

##### **6. Executive Director's Report** – Ms. Zegeye shared the following events and information:

- Staff attended the AARP Livable Communities conference in Dallas, Texas, November 14-16, 2017.
- Staff participated in the Union Street Better Block event in Wilmington in November 2017.
- Staff attended meetings regarding the Wilmington Comprehensive Plan in December 2017.
- Staff attended the Delmarva Freight Summit in December in Dover.
- Staff attended the Route 896/I-95 public workshop in December 2017.
- Staff attended the Elkton Pedestrian Plan Public Workshop on January 7, 2018, and presented the plan at the Mayor's and Commissioner's Public meeting on January 10, 2018.
- The SR10 Committee held its last meeting and the final report is due to DeIDOT and the General Assembly on January 12, 2018. The report and appendices will become available on WILMAPCO's website.
- The American Planning Association (APA) Delaware will hold its 2018 conference in Rehoboth Beach, Delaware in October, and a call for presentations is open.
- The joint DeIDOT and WILMAPCO TIP public workshop will be held on February 26, 2018, at the Newark Free Library.
- WILMAPCO's December 2017 Financial Report is under budget.
- WILMAPCO is working to update its MOA to make sure it is FAST Act compliant and has all the performance measurement requirements. The MOA is being developed with DeIDOT, DTC, and DNREC. In the past, DNREC was part of the MOA; however, the new requirements do not include the air quality agencies. Because of the fast approaching deadline, staff may choose to proceed with the MOA without the air quality agency.
- Ms. Murphy said that Maryland is also developing a standard template for MDOT's MOA.

## **7. Public Advisory Committee (PAC) Report:**

Ms. Novakoff said the PAC met on December 17, 2017, which included the annual PAC holiday dinner that had good attendance. The PAC discussed the Draft FY 2019-2022 TIP and commented that the public outreach was done well. Mr. Philip Barnes, UD IPA, gave an autonomous and connected vehicles presentation, which inspired a half hour of lively discussion. Ms. Novakoff discussed changes to the WILMAPCO Public Opinion Survey, which combines the New Castle County and Cecil County surveys. PAC members suggested to conduct the survey using other modes, provide gift incentives, and alter the survey sample methodology.

## **8. Technical Advisory Committee (TAC) Report:**

Ms. Dunigan said the TAC met on November 16, 2017. Ms. Meredith Hill, MDOT, presented Maryland Safety Performance Measures and Mr. Adam Weiser, DelDOT, presented Delaware Safety Performance Measures. Mr. Swiatek presented the WILMAPCO 2017 Regional Progress Report. The December 21, 2017 TAC and AQS meeting included the annual TAC and AQS Holiday lunch and networking. TAC recommended amending the FY 2018 UPWP and the FY 2018-2021 TIP, Cecil County Element. TAC recommended release of the FY 2019-2021 TIP for public comment; adoption of the WILMAPCO Safety Performance Measures for Cecil County and New Castle County; and endorsement of the 2017 Regional Progress Report. Presentations by staff included the 2050 Regional Transportation Plan (RTP) Air Quality Conformity Schedule, and the Public Opinion Survey Update.

## **ACTION ITEMS:**

### **9. To Amend the WILMAPCO FY2018 Unified Planning Work Program (UPWP)**

Ms. Zegeye said the FY 2018 UPWP submissions on page 1 and 2 from New Castle County included:

1. The City of New Castle Comprehensive Plan Update (\$10,500) — staff had a follow-up discussion with the City of New Castle to better understand the project need, WILMAPCO's role, and the funding arrangement with KCI. The City of New Castle will get back to WILMAPCO with a scope of work and funding match for the proposed task. Staff also recommends a full Comprehensive Plan update.
2. The City of Wilmington 12<sup>th</sup> Street Connector Alignment (\$100,000) — staff proposes to include this project in the UPWP and will develop a scope of work with the City of Wilmington staff.
3. Safety and Capacity Improvements for the Five-Point Intersection (\$75,000) — staff proposes to include this project in the UPWP and will develop a scope of work with the City of Wilmington staff.
4. East Seventh Street Peninsula Roadway Improvements/Development Study (\$75,000) — staff proposes to include this project in the UPWP and will develop a scope of work with the City of Wilmington staff.
5. Delaware Transit Corporation (DTC) submitted the Newark-Area Transportation Needs Data Collection and Analysis (\$60,000) — staff proposes to include this project in the UPWP and will develop a scope of work with DTC staff.
6. Concord Pike/US 202 Corridor Master Plan (\$300,000) — staff proposes to include this project in the UPWP and will develop a scope of work with New Castle County staff.
7. Southern New Castle County Infrastructure Master Plan Update (\$150,000) — staff proposes to include this project in the UPWP and will develop a scope of work with New Castle County staff.

Ms. Zegeye said that pages 5-28 include the supporting documents for the New Castle County submissions. The Cecil County submissions are on page 29. The five Cecil County projects were submitted previously. There was agreement with MDOT, SHA, and WILMAPCO that some of the Cecil County projects had already been done by SHA, some are not eligible for PL funds, and others are recreational; therefore, these five submissions are not included in the FY2018 UPWP.

The projects included in the FY2018 UPWP for Council's approval are: 1) The City of New Castle Comprehensive Plan Update; 2) The City of Wilmington 12<sup>th</sup> Street Connector Alignment; 3) Safety and Capacity Improvements for the Five-Point Intersection; 4) East Seventh Street Peninsula Roadway Improvements/Development Study; 5) Newark-Area Transportation Needs Data Collection and Analysis; 6) Concord Pike/US 202 Corridor Master Plan; and 7) Southern New Castle County Infrastructure Master Plan Update.

PAC took no action. TAC and staff recommend amending the FY2018 UPWP with the New Castle County submissions listed above.

Mr. Spencer asked why PAC did not take action. Ms. Zegeye responded that the PAC does not take action on technical or financial issues because the PAC's focus is on public outreach. Ms. Holland asked for some clarification regarding the City of New Castle Comprehensive Plan Update project. Ms. Zegeye responded the City of New Castle has a contract with KCI for \$32,000. WILMAPCO's initial meeting with the City revealed that the KCI contract is for administrative work, and they had wanted WILMAPCO to help with public outreach and technical work, which staff could do in-house; however, since they are going to develop a bare minimum update to the Comprehensive Plan, staff is willing to consider the application and complete a full update.

**ACTION:** On motion by Mr. Inden seconded by Mr. Sennstrom the Council amended the WILMAPCO FY2018 UPWP.

Motion passed.

(1-11-18-02)

#### **10. To Amend the WILMAPCO FY 2018-2021 Transportation Improvement Program (TIP), Cecil County Element**

Ms. Dunigan said this amendment to the Cecil County element of the TIP was requested by the Maryland Department of Transportation (MDOT) for an increase in funding for the Areawide Congestion Management project. The increase in the TIP funding is \$1.6 million dollars during four years.

Staff and TAC recommended amending the FY 2018-2021 TIP, Cecil County element, and the Air Quality Subcommittee (AQS) said that the project does not trigger a new air quality conformity determination.

**ACTION:** On motion by Mr. Sennstrom seconded by Ms. Minner the Council amended the WILMAPCO FY 2018-2021 TIP, Cecil County element.

Motion passed.

(1-11-18-03)

**11. To Release the Draft FY 2019-2022 Transportation Improvement Program (TIP) for Public Comment**

Ms. Dunigan distributed the draft of the FY 2019-2022 TIP, [www.wilmapco.org/tip](http://www.wilmapco.org/tip). The public review period will be from January 22 to February 28, 2018, and the joint Public Workshop with DeIDOT and WILMAPCO will be held at the Newark Free Library on February 26, 2018.

WILMAPCO's TIP public outreach methods includes a WDEL radio ad; an e-mail blast to delawareonline subscribers; WILMAPCO Transporter Newsletter and E-news articles; Facebook ads; and an online comment sheet.

The four new proposed TIP projects include: 1) Expand the I-295 northbound from SR141-US 13; 2) Improve Otts Chapel Road/Welsh Track Church Road Intersection; 3) Relocate Shallcross Lake Road between Graylag Road and Boyds Corner Road; and 4) Improve multimodal travel on SR 9 from Landers Lane-A Street.

The TIP Quick Guide points out all of the TIP changes. There was a 6% funding increase as compared to the TIP amended in September 2017. The total TIP amount is proposed to be \$2.2 million. Inside the TIP Quick Guide is a map showing the changes in the TIP. Minor bridge and safety projects were grouped together and are no longer mapped. The back of the guide shows the breakdown of TIP funding as follows: 50% are state funding sources, 46% are federal funding sources; and 4% are other. Projects in Cecil County total 4%; New Castle County projects total 38%; and Delaware Statewide projects total 58%. Projects by mode include 50% road; 24% multimodal; 10% transit; 2% bike/walk; and 14% other. Projects by category include 51% preservation; 27% management; 14% expansion; and 8% other.

Ms. Dunigan discussed the TIP spreadsheet in the Council packet, pointing out the new projects and funding changes. She said the new projects are highlighted in gold; the increases are highlighted in green; and the decreases are highlighted in pink. Overall there is a 6% funding increase since the previous version of the TIP.

**ACTION:** On motion by Mr. Spencer seconded by Mr. Sennstrom the Council released the FY 2019-2022 TIP for Public Comment.

Motion passed.

(1-11-18-04)

**12. To Adopt the WILMAPCO Safety Performance Measures for Cecil County and New Castle County**

Mr. Blevins said the Maryland and Delaware Statewide Safety Measures were included in the Council packet along with two resolutions. There are five safety measures that include: 1) Number of fatalities; 2) Rate of fatalities; 3) Number of serious injuries; 4) Rate of serious injuries; and 5) Combined number of non-motorized fatalities and serious injuries. The WILMAPCO Safety Performance Measures are part of the National Transportation Performance Measures, which are also part of the FAST Act. Staff is proposing to adopt the statewide measures for Maryland and Delaware instead of setting individual targets to stay within Federal compliance.

**ACTION:** On motion by Mr. Inden seconded by Ms. Minner the Council adopted the WILMAPCO Safety Performance Measures for Cecil County and New Castle County.

Motion passed.

(1-11-18-05)

### **13. To Endorse the 2017 Regional Progress Report**

Mr. Swiatek said the draft 2017 Regional Progress Report was included in the Council packet. The Progress Report sets the stage for the Regional Transportation Plan (RTP). Some recent updates to the document include making the graphics more readable and text sizes larger. On page 11, you can see the overall results from the report. Each action is assessed using quantitative and qualitative data, with red, yellow, and green light indicators. Twenty-one per cent received a red light, which indicates poor progress; twenty-nine percent received a yellow light, which indicates some progress; and fifty percent received a green light, which indicates very good progress.

Some of the key areas of success are WILMAPCO's sub-regional planning and implementation, the Congestion Management System (CMS) process, Social Justice efforts, and promoting active transportation. Some areas of concern are continued growth along the I-95 corridor, growth in single-occupancy vehicle trips/Vehicle Miles Traveled (VMT); using the prioritization process in selecting projects for funding in the TIP; providing affordable transportation choices; and reducing the increase in pedestrian and vehicle crashes.

The 2017 Progress Report sets the stage for the development of the Regional Transportation Plan (RTP) and subsequent adoption in March 2019. It also provides a firm basis to update the RTP and take a look at where we were in the past and where we are going in the future.

The Nonmotorized Transportation Working Group (NMWG) did not have any concerns regarding the 2017 Regional Progress Report. The PAC reviewed the 2017 Regional Progress Report for public friendliness; and the TAC and WILMAPCO staff recommended endorsement of the report.

**ACTION:** On motion by Mr. Inden seconded by Mr. Spencer the Council endorsed the 2017 Regional Progress Report

Motion passed.

(1-11-18-06)

### **PRESENTATION/DISCUSSION ITEMS:**

#### **14. Elkton Pedestrian Plan**

Mr. Thompson said Elkton is the Cecil County seat with a population of 15,433 and the town is located along the I-95 and Northeast Corridor rail line. It is a suburban area with an historic walkable downtown. The Steering Committee for the Elkton Pedestrian Plan includes 10 members, with representatives from the Town of Elkton, Maryland State Highway Administration (SHA), and WILMAPCO.

The project scope includes a GIS inventory of Elkton's pedestrian network, review of previous studies, and sidewalk prioritization analysis, which were completed. Current progress includes new recommendations and prioritization for pedestrian improvements.

Initially, the project team collected the Americans with Disabilities Act (ADA) data for sidewalks and curb ramps compliance. Sidewalks require a minimum width (60"), with maximum cross-slope (2%), and also must be free of obstructions. The team also collected data on curb ramps regarding width, scope, turning space, marked crosswalks, and detectable warning strips, which cannot be blocked by parked vehicles. Mr.

Thompson discussed maps showing details highlighted with green dots indicating all curb ramps are compliant; yellow dots indicating one or more curb ramps are compliant; red dots indicating curb ramps exist, but none are compliant; and maroon dots indicating no curb ramps exist.

Previous studies included the East Coast Greenway Feasibility Study (2003); Elkton Walkable Community Workshop (2008); Elkton Signage Study (2010); Elkton Bicycle Plan (2011); Elkton Transit Oriented Development (2011); Top Pedestrian Priority Segments (2012); and Locust Lane Sidewalk Feasibility Study (2015).

The Pedestrian Prioritization process was based on the top pedestrian priority segments for the WILMAPCO region and was adapted to Elkton's scale. Criteria included the former Elkton Train Station, bus stops, commercial buildings, parks, schools, libraries, greenways, density (population plus employment) Traffic Analysis Zones (TAZs), and pedestrian crashes.

Indicators were "very high" with 9 to 11 points; "medium" with 6 to 8 points; "low" with 3 to 5 points; and "very low" with zero to 2 points. The methodology also included distance to a park within ¼ mile; a library within ¼ mile, a greenway within 1/10 mile, and a school between ¼ mile and ½ mile. Mr. Thompson showed an interactive map that included an example of Railroad Avenue in front of the Elkton Administration Building, which meets the criteria.

A public opinion survey was issued to residents online and on paper. Questions included how often residents walk in Elkton, top destinations, opinions on walkability and safety, suggestions for improvement, and included a chance to win a \$25 Visa gift card, which was awarded. Other outreach included 19 surveys completed at the Elkton Acme where WILMAPCO offered free water ice on a hot day, 10 surveys were completed at a public workshop, and 20 surveys were completed at the Elkton Fall Festival. A mailing was sent to 150 households, and targeted ads were placed on Facebook. One-hundred-thirty-five total surveys were completed.

Survey results included 83% of respondents live in Elkton and are between the ages of 31 and 64. Top destinations included Town Center, Court House, Main Street, Big Elk Mall, Wal Mart, Library, Meadow Park, Acme, and Union Hospital. Twenty-four per cent of residents walk to get around in Elkton. Eighty-one per cent of respondents were concerned about safety. Top reasons why residents do not walk include crime/personal safety, lack of infrastructure, prefer to drive, homeless, distance, and traffic safety.

High priorities for improvements in the town included complete sidewalks and add bike lanes along Bridge Street, add sidewalks or a mixed-use path along Howard Street, improve pedestrian access to and through Meadow Park, improve pedestrian access to the Big Elk Mall, and complete sidewalks or add a mixed-use path along Route 40.

Next steps for the Elkton Pedestrian Plan are to hold a public workshop next week, finalize recommendations, and develop a draft report. Mr. Spencer added surveillance cameras were installed in the Town of Elkton within the last few weeks.

## **15. Public Opinion Survey**

Ms. Novakoff distributed the revised WILMAPCO Public Opinion Survey (**Attachment A**). The last major update of the Public Opinion Survey was completed in 2006. The survey subcommittee met in August 2017, which included five TAC members, two PAC

members, and two staff members. Sample surveys were reviewed and survey goals were developed.

The National Research Center (NRC) is helping to develop the new combined survey script for Cecil and New Castle Counties. NRC has kept many existing questions, but removed redundant questions, revised demographic quotas, removed or revised questions with high "other" responses, and revised questions for more specific understanding of issues.

There are new-open ended questions on mobility for those not walking, biking, or using transit and a new question is on how often there is a lack of transportation that prevents activities. Regarding funding priorities, on page 6, a new question asks to support for various funding mechanisms.

Regarding criticality of issues, new issues added include support for adaption to Sea-Level Rise (SLR) and support for adding infrastructure to support automated (self-driving) or low-polluting vehicles.

On page 11, regarding the planning process, new questions include awareness of how transportation projects are selected, Regional Transportation Plans (RTPs), and the Transportation Improvement Program (TIP).

New demographics questions being asked, include: the number of useable bicycles in households, difficulty walking or climbing stairs, interest in receiving a copy of survey results via email, and the WILMAPCO web address is provided for those wanting more information.

Mr. Sisson asked if the survey is too long. Ms. Novakoff said the survey subcommittee worked to reduce the survey length from 20 minutes to 15 minutes and to streamline choices.

**14. INFORMATION ITEMS:** DeIDOT's Administrative Modification Request Letters.

**ADJOURNMENT:** Mr. Spencer made a motion to adjourn, Ms. Holland seconded the motion. The meeting adjourned at 7:28 p.m.

**ATTACHMENTS:** (1)



**WILMAPCO PUBLIC OPINION SURVEY 2018**

ver. 2017-12-20

Hello, my name is \_\_\_\_\_ from the National Research Center on behalf of WILMAPCO, the Wilmington Area Planning Council. WILMAPCO plans highway, rail, bicycle, and pedestrian transportation improvement projects in New Castle County, Delaware and Cecil County, Maryland. We are calling to find out what types of transportation improvements are important to you. May I take some of your time to ask you some questions? [Note to interviewers, pronounce “WILMAPCO” as “will map coe”]

In order to keep our survey representative, I would like to speak to the adult member in your household who most recently had a birthday. Is that you?  
(IF YES, GO TO Q1. IF NO CONTINUE)

**May I speak with that person please?**

(REPEAT FIRST PARAGRAPH IF THE BIRTHDAY PERSON IS NOT THE PERSON WHO ANSWERED THE PHONE. IF THAT PERSON IS NOT AT HOME, GET THAT PERSON’S FIRST NAME AND SCHEDULE A CALL BACK)

[PROGRAMMING NOTE: USE SAMPLE BRING-INS FOR STATE AND COUNTY TEXT (CECIL COUNTY, MARYLAND & NEW CASTLE COUNTY, DELAWARE)]

**1. Are you a resident of Cecil County/New Castle County?**

- 1 Yes (CONTINUE)
- 2 No (TERMINATE SURVEY)
- 3 Don’t Know/Refused (DO NOT READ) (TERMINATE SURVEY)

**2. Are you Spanish, Hispanic or Latino?**

- 1 Yes
- 2 No
- 3 Refused (DO NOT READ)

**3. Which of the following races do you consider yourself to be?**

[MULTIPLE RESPONSE. PROBE] Anything else?

- 1 American Indian or Alaskan native
- 2 Asian or Pacific Islander
- 3 Black/African American
- 4 White/Caucasian
- 5 Other
- 6 Refused (DO NOT READ)

QUOTA	Cecil County	New Castle County
Non-Hispanic White	176	251
Hispanic	6	31
Black	13	93
Asian/Other	5	25
<b>TOTAL</b>	<b>200</b>	<b>400</b>

**9. In your opinion, which one of the following is the best long-term solution to reduce traffic congestion? Would you say... [RECORD ONE RESPONSE ONLY] [RANDOMIZE ORDER OF 1 THROUGH 5]**

- 1 Building new roads,
- 2 Improving signal timing or other technological improvement,
- 3 Improving public transit,
- 4 Encouraging carpooling, walking or biking,
- 5 Creating communities where people do not have to drive as much
- 6 Don't know/Refused (DO NOT READ)

**10. Now I'm going to ask you how often you use the following modes of transportation. What about driving alone in a motor vehicle or motorcycle? Would you say...**

- 1 Never
- 2 Less than once a month
- 3 1 to 3 times a month
- 4 1 to 3 times a week
- 5 4 or more times a week
- 6 Don't know/Refused (DO NOT READ)

**11. What about driving with others, not in your household, whether informally, or in a formal carpool or van pool? Would you say...**

- 1 Never
- 2 Less than once a month
- 3 1 to 3 times a month
- 4 1 to 3 times a week
- 5 4 or more times a week
- 6 Don't know/Refused (DO NOT READ)

**12. Taking a taxi or ride share like Uber or Lyft? (Would you say...)**

- 1 Never
- 2 Less than once a month
- 3 1 to 3 times a month
- 4 1 to 3 times a week
- 5 4 or more times a week
- 6 Don't know/Refused (DO NOT READ)

**13. What about public transit, including buses and trains? (Would you say...)**

- 1 Never
- 2 Less than once a month
- 3 1 to 3 times a month
- 4 1 to 3 times a week
- 5 4 or more times a week
- 6 Don't know/Refused (DO NOT READ)

**21. We'd like to know how often problems with access to transportation prevent you from participating in activities such as visiting friends and family, attending social activities, grocery shopping, getting medical care or other essential errands. Would you say that a lack of transportation for these types of activities is always, sometimes or never an issue for you?**

- 1 Always
- 2 Sometimes
- 3 Never
- 4 Don't know/Refused (DO NOT READ)

**22. I am going to read you a list of five types of transportation improvements. I'd like you to tell me which TWO you think should receive the highest priority for funding? Here is the list... (READ LIST BELOW) Which (RECORD TWO RESPONSE) [RANDOMIZE ORDER 1 THROUGH 5]**

**[READ IF NECESSARY] Which two should receive the highest priority for funding?**

- 1 Maintain and repair the existing transportation system,
- 2 Build more roads and highways,
- 3 Provide more transit, walking or biking options,
- 4 Increase safety
- 5 Use more technology to improve the transportation system  
[NOTE TO INTERVIEWER: IF THEY ASK; "things such as coordinating traffic signals, electronic information signs, variable speed limit signs, distributing real-time traffic data to websites, social media feeds, mobile apps, and local media stations"]
- 6 Other (DO NOT READ) (SPECIFY: \_\_\_\_\_)
- 7 Don't have a second priority (DO NOT READ)
- 8 Not sure/Refused (DO NOT READ)

**23. There are always more transportation projects than there is money to pay for them. Please tell me if you support or do not support these funding methods to help close the gap.**

**How about raising tolls? [ONLY READ IF NECESSARY: ] Do you support or not support raising more money for transportation projects this way?**

- 1 Support
- 2 Do not support
- 3 Don't Know/Refused (DO NOT READ)

**24. Raising vehicle fuel taxes?**

- 1 Support
- 2 Do not support
- 3 Don't Know/Refused (DO NOT READ)

**25. A tax on vehicle miles traveled, which would mean that those who travel more would pay more?**

- 1 Support
- 2 Do not support
- 3 Don't Know/Refused (DO NOT READ)

- 3 Important
- 2 Somewhat important
- 1 Not very important
- 5 Don't know/Not sure/Refused (DO NOT READ)

**34. Revitalizing existing communities and downtowns? (Is this...?)**

- 4 Essential
- 3 Important
- 2 Somewhat important
- 1 Not very important
- 5 Don't know/Not sure/Refused (DO NOT READ)

**35. Improving facilities for biking and walking? (Is this...?)**

- 4 Essential
- 3 Important
- 2 Somewhat important
- 1 Not very important
- 5 Don't know/Not sure/Refused (DO NOT READ)

**36. Preserving open space and farmland? (Is this...?)**

- 4 Essential
- 3 Important
- 2 Somewhat important
- 1 Not very important
- 5 Don't know/Not sure/Refused (DO NOT READ)

**37. Planning for the effects of rising sea levels on transportation infrastructure? (Is this...?)**

- 4 Essential
- 3 Important
- 2 Somewhat important
- 1 Not very important
- 5 Don't know/Not sure/Refused (DO NOT READ)

**38. Developing infrastructure to support automated, self-driving vehicles? (Is this...?)**

- 4 Essential
- 3 Important
- 2 Somewhat important
- 1 Not very important
- 5 Don't know/Not sure/Refused (DO NOT READ)

**39. Developing or supporting infrastructure for no or low-polluting alternative fuel vehicles, such as charging stations for electric vehicles? (Is this...?)**

- 4 Essential
- 3 Important
- 2 Somewhat important
- 1 Not very important
- 5 Don't know/Not sure/Refused (DO NOT READ)

**47. What, if anything, would you be willing to do to improve air quality in our region?  
[IF RESPONDENT ASKS “LIKE WHAT?” PROMPT WITH “walk more, carpool,  
bicycle more]**

- 1 SPECIFY: \_\_\_\_\_
- 2 Nothing (DO NOT READ)
- 3 Don't Know/Refused (DO NOT READ)

**48. As I stated in the beginning, this survey is being conducted by WILMAPCO, the  
Wilmington Area Planning Council. Are you familiar with this organization?**

- 1 Yes
- 2 No
- 3 Not sure/Don't know/Refused (DO NOT READ)

**49. Please tell me if you agree or disagree with the following statements.**

**“I am aware of how transportation projects are selected.”  
(Do you agree or disagree?)**

- 1 Agree
- 2 Disagree
- 3 Don't know/Refused (DO NOT READ)

**50. “I familiar with the long-range regional transportation plan”?**

- 1 Agree
- 2 Disagree
- 3 Don't know/Refused (DO NOT READ)

**51. “I am familiar with the Transportation Improvement Program, or TIP?”**

- 1 Agree
- 2 Disagree
- 3 Don't know/Refused (DO NOT READ)

**52. And finally, “Transportation planning is done well in Cecil County/New Castle County”?  
[ANALYSIS NOTE FOR ERIN: CORRELATE THIS WITH OTHER ANSWERS,  
MAYBE?]**

- 1 Agree
- 2 Disagree
- 3 Don't know/Refused (DO NOT READ)

**53. WILMAPCO often seeks feedback from residents when creating plans and designing  
transportation projects. How can WILMAPCO best engage with you? Please tell me if you  
think the following outreach methods would be effective or not effective ways to engage  
with you**

**What about social media sites like Facebook, Instagram or Twitter?  
[READ IF NECESSARY:]**

- 1 Effective
- 2 Not effective

7 REFUSED

**62. How many automobiles or other passenger vehicles like SUVs or pickups, does your household have? (DO NOT READ LIST)**

- 1 One
- 2 Two
- 3 Three
- 4 Four
- 5 Five
- 6 Six or more
- 7 REFUSED

**63. How many usable bicycles does your household have? (DO NOT READ LIST)**

- 1 One
- 2 Two
- 3 Three
- 4 Four
- 5 Five
- 6 Six or more
- 7 REFUSED

**64. Are you currently employed?**

- 1 Yes, Employed
- 2 No, Not Employed
- 3 No, Retired
- 4 Don't Know/Refused

**65. What is the highest level of education you have achieved? (READ LIST AS NEEDED)**

- 1 Non-high school graduate
- 2 High school graduate
- 3 Some college or an associates or technical degree
- 4 Bachelors degree
- 5 Graduate degree
- 6 Refused

**66. So that we can group all answers, what is your total annual household income? Is it....? (READ LIST)**

- 1 UNDER \$25,000
- 2 \$25,000 to under \$50,000
- 3 \$50,000 to under \$100,000
- 4 \$100,000 or MORE
- 5 Refused (DO NOT READ)

**67. What is your zip code?**

- 1 SPECIFY: \_\_\_\_\_
- 2 Don't Know/Refused (DO NOT READ)