

FY 2022
Unified Planning Work Program

FISCAL YEAR 2022
July 1, 2021– June 30, 2022

UNIFIED PLANNING WORK PROGRAM

For the

WILMINGTON METROPOLITAN AREA

Prepared by the staff of the
Wilmington Area Planning Council

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Wilmington Area Planning Council Unified Planning Work Program - FY 2022

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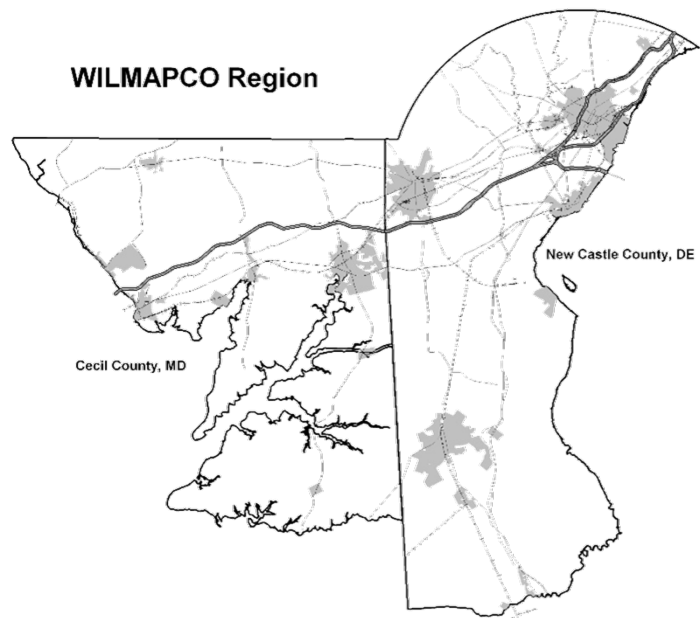
I INTRODUCTION

The Unified Planning Work Program (UPWP) is a document that includes all planning activities to be performed with funds provided under Title 23, U.S.C. and the Federal Transit Act. The Fixing America's Surface Transportation Act (FAST Act) requires that metropolitan planning organizations (MPOs), such as the Wilmington Area Planning Council (WILMAPCO), in areas with over 200,000 populations develop a UPWP in cooperation with the State and operators of publicly owned transit. Other sources of federal funds used for planning activities in the region should also be included in the UPWP.

The UPWP discusses the planning priorities facing the metropolitan planning area and should describe all metropolitan transportation and transportation-related air quality planning activities anticipated within the area during the next one- or two-year period, regardless of funding sources or agencies conducting activities, in sufficient detail to indicate who will perform the work, the schedule for completing the work and the products that will be produced.

The WILMAPCO region consists of two counties. The total area is 744 square miles (396 in New Castle County and 348 in Cecil County) with a 2019 population of 661,608. Although the square mileage of the two counties is similar, their population figures are quite disparate: Cecil County had a 2019 population of 102,855, while New Castle County had 558,753. New Castle County is an urbanized county with a density of 1,411 persons per square mile while Cecil County has only 296 persons per square mile.

WILMAPCO's mission is to ensure the implementation of the best multi-modal transportation plan that meets all the requirements mandated by the Federal Clean Air Act and its Amendments (CAAA) and FAST Act and that promotes the attainment of the Goals for the Region. The Goals, Objectives and Actions arrived at by consensus through the several long-range plan updates are:



❖ Support Sustainable Economic Development and Goods Movement

- Objectives:
 - Maximize our Investments
 - Develop Effective Transportation networks
 - Plan for Energy Security and Resilience

❖ Efficiently Transport People

- Objectives:
 - Improve System Performance
 - Promote Accessibility and Connectivity
 - Engage the Public Via an Open Involvement Process

❖ Improve Quality of Life

- Objectives:
 - Protect the Public Health and Safety
 - Promote Active Transportation
 - Ensure Transportation Choice and Equity
 - Preserve Natural and Cultural Resources

WILMAPCO performs its mission by using the Comprehensive, Continuing and Cooperative (3-C) metropolitan transportation system planning process. It serves as a cooperative regional forum for the development of transportation system plans and programs and for the resolution of transportation planning-related issues.

WILMAPCO is responsible to all the citizens of the region to ensure the implementation of the best transportation plan for the region. Therefore, the WILMAPCO Council is composed of elected officials from state, county and municipal jurisdictions. These elected officials are accountable to their respective citizens. The implementation of the transportation plan is carried out by WILMAPCO's member agencies.

WILMAPCO collects, analyzes and evaluates demographic, land use and transportation-related data and seeks public input to understand the transportation system requirements of the region. Understanding these requirements allows for the development of plans and programs and the implementation of a transportation system that provides for the efficient transport of people, goods and services.

WILMAPCO has developed and updated a long-range Regional Transportation Plan (RTP). The RTP is a regionally based plan encompassing a twenty-year planning horizon and includes all transportation modes. The Transportation Improvement Program (TIP) is a four-year program of capital investments that implements the long-range plan. The RTP is derived from the Vision and Goals established for the region and is supported by demographic and land use data to define the transportation system investments. These transportation system investments are periodically tested and updated, and the resulting paradigms are adopted as the twenty-year horizon transportation plan.

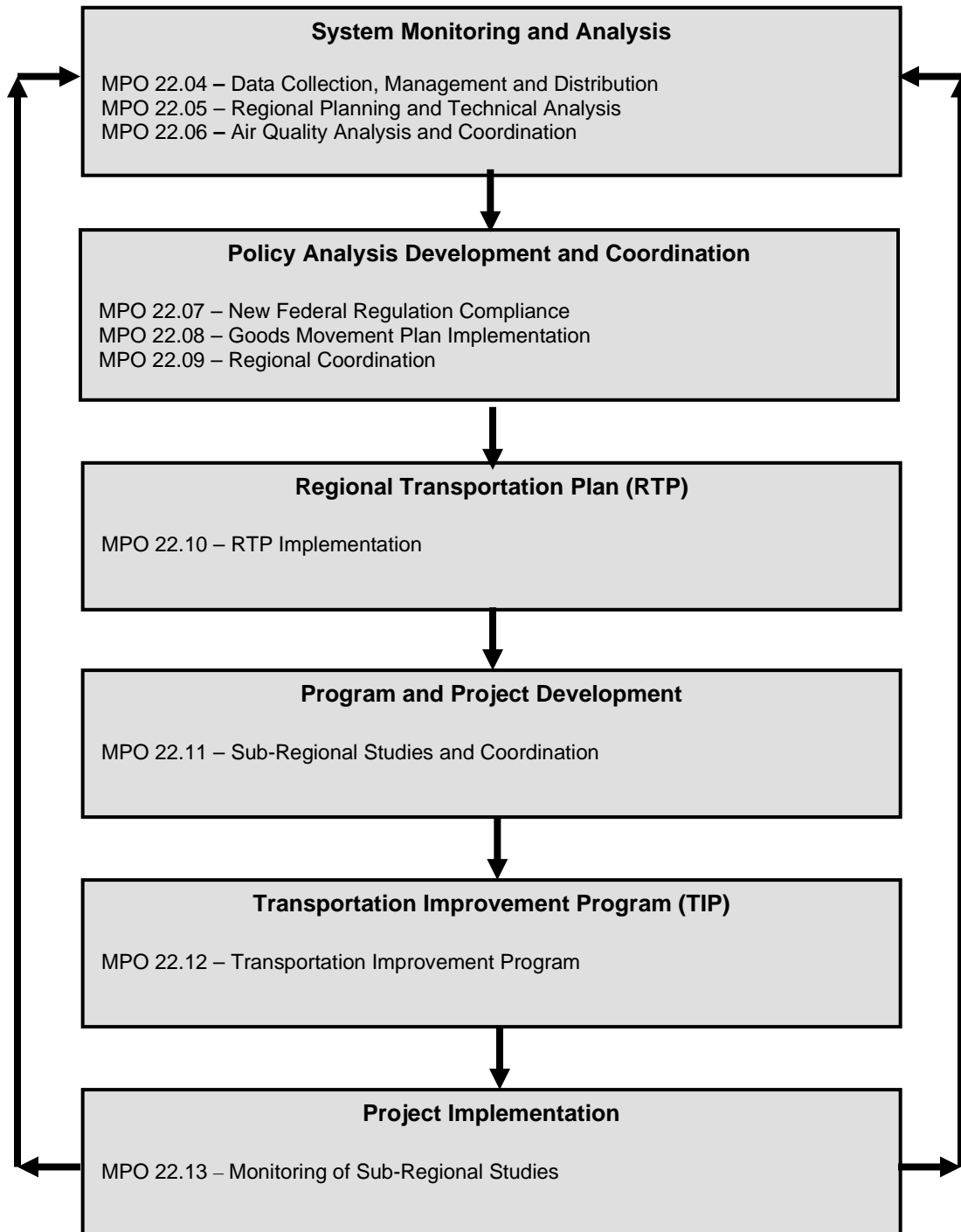
WILMAPCO evaluates the RTP within a four-year planning horizon, weighs and prioritizes elements, considers funding sources, and evaluates the potential near-term benefit to the citizens of the WILMAPCO region. The highest priority RTP projects are then incorporated into the TIP for implementation. WILMAPCO, in conjunction with its member agencies, implements these near-term elements of the RTP. In addition, WILMAPCO, as the region's metropolitan planning organization, must approve all federally funded transportation projects in the region and must select all projects other than projects on the National Highway System.

The work tasks in this UPWP are presented in a sequence that reflects the planning process used by WILMAPCO. The first three tasks describe activities that are overarching and permeate all aspects of the planning process. *Administration* provides the underpinnings of WILMAPCO's activities, the *Unified Planning Work Program (UPWP)* task provides for the development and administration of the work plan and budget that guide all of WILMAPCO's activities, and the *General Public Outreach and Education* task provides for public involvement and education throughout the planning process.

The actual planning work is reflected in the remaining work tasks. The following flow chart shows the general flow of the planning process as reflected in the Unified Planning Work Program (UPWP). Data is collected and analyzed and used to inform policy discussions. Policies are determined and incorporated into the long-range regional transportation plan (RTP). The Plan includes policies, objectives, actions, performance measures, and projects that guide the development of studies and plans. The projects that are recommended for implementation in studies and plans are programmed for capital and operating funds in the TIP. Projects programmed for engineering in the TIP are monitored by WILMAPCO to provide continuity from the planning process through the engineering process.

WILMAPCO FY 2022 UPWP

Planning Flow Chart



II ORGANIZATION

WILMAPCO Council

The policy making body of WILMAPCO is its Council that consists of nine voting members:

1. **Delaware Governor's appointee** – Connie C. Holland
2. **Delaware Department of Transportation, Secretary** – Nicole Majeski
3. **Delaware Department of Transportation, Delaware Transit Corporation, Chief Executive Officer** – John Sisson
4. **City of Wilmington, Mayor** – Michael S. Purzycki
5. **New Castle County, County Executive** – Matthew Meyer
6. **New Castle County, Municipalities representative** – Michael Spencer, Mayor, Town of Newport
7. **Maryland Governor's appointee** – Heather Murphy, Maryland Department of Transportation
8. **Cecil County, County Executive** – Danielle Hornberger
9. **Cecil County, Municipalities representative** – Loucretia Wood, Commissioner, Town of Charlestown

Technical Advisory Committee (TAC)

The TAC consists of planners and engineers from all WILMAPCO participating agencies. It performs analyses and makes recommendations concerning transportation and land use issues to Council for their approval. The actual technical work is performed by WILMAPCO staff and the TAC member organizations. The TAC elects its own chairperson and vice-chair annually from among its members to serve for a one-year period from fiscal year to fiscal year, subject to approval by the Council. The following is a list of the TAC member agencies and the current representatives:

1. **Cecil County Office of Land Use & Development Services** – Jennifer Callaghan
2. **Delaware Department of Natural Resources and Environmental Control** – Marvinna Cephas
3. **Delaware Department of Transportation** – Cooper Bowers
4. **Delaware River and Bay Authority** – Stephen D. Williams
5. **Delaware Division of Small Business, Development & Tourism** – Patricia Cannon
6. **Delaware Department of Transportation, Delaware Transit Corporation** – Catherine Smith
7. **Maryland Department of Transportation** – Ian Beam
8. **Maryland Transit Administration** – Laurie Brown
9. **Maryland Department of Planning** – David Dahlstrom
10. **Maryland State Highway Administration** – Derrick Sexton
11. **Maryland Department of the Environment** – Alexandra Brun
12. **Newark Planning Department** – Michael Fortner
13. **New Castle County Department of Land Use** – Stacey Dahlstrom
14. **Delaware Office of State Planning Coordination** – Tricia Arndt
15. **Town of Elkton** – Jeanne D. Minner
16. **Wilmington Department of Planning** – Gwinneth Kaminsky Rivera
17. **Wilmington Department of Public Works** – Brian Mitchell

Ex-Officio Members:

18. **Federal Transit Administration** – Timothy Lidiak
19. **Federal Highway Administration** – Lindsay Donnellon
20. **Federal Environmental Protection Agency** – Gregory Beacoat
21. **Amtrak** – Harry Garforth
22. **Diamond State Port Corporation** – Randall Horne

Current subcommittees of the TAC are the Air Quality Subcommittee (AQS), the Congestion Management System (CMS) Subcommittee, the Demographic and Data Subcommittee, the Goods Movement Working Group, the Environmental Justice Working Group, and the Nonmotorized Transportation Working Group.

Public Advisory Committee (PAC)

The Public Advisory Committee (PAC) was organized to include citizen representatives from different geographic areas throughout the WILMAPCO region that have an interest in transportation policy and public involvement. PAC members are recruited from the following groups: civic umbrella groups, business groups, public interest groups, environmental groups, transportation interest groups and agencies that represent diverse populations, such as minorities, the elderly, disabled citizens, and transit-dependent populations.

The PAC assists Council with public outreach by recommending outreach and involvement strategies; reviewing WILMAPCO publications for clarity, effectiveness and user friendliness; serving as a liaison between Council and the public for the distribution of WILMAPCO publications and information; advising Council on the needs for public education regarding WILMAPCO and regional transportation policies; and advising Council on the effectiveness of public outreach for Action Items.

Members of the PAC were recommended by the Executive Director and appointed by the Council to serve for a term of no more than three (3) years and may be reappointed by the Council for an additional term. The PAC elects its own chair and vice-chairperson annually from among its members for a term of one year from fiscal year to fiscal year, subject to approval by the Council.

The current membership of the PAC is as follows:

1. **7/40 Alliance** – Barry Shotwell
2. **AAA Mid-Atlantic** – Ken Grant
3. **AARP** – Carlos de los Ramos
4. **Bear Glasgow Council** – Glenn Pusey
5. **Cecil County** – Pat Folk
6. **Cecil County** – Vacant
7. **Cecil County Board of Realtors** – Norman P. Wehner
8. **Cecil County Chamber of Commerce** - Vacant
9. **Centreville Civic Association** – Vacant
10. **City of New Castle** – Gail Seitz
11. **City of Newark** – Thomas Fruehstorfer
12. **City of Wilmington** – Kevin Racine
13. **Civic League for New Castle County** – Vic Singer, Bill Dunn
14. **Claymont Redevelopment Corporation** – Vacant
15. **Committee of 100** – Bill Lower
16. **Delaware Hispanic Commission** – Givvel Marrero
17. **Delaware State Chamber of Commerce** – Mike Kaszyski
18. **Delmarva Rail Passengers Association** – Ken Potts

19. **Elderly & Disabled Transit Advisory Committee (EDTAC) – Vacant**
20. **Greater Hockessin Area Development – Mark Blake**
21. **League of Women Voters – Vacant**
22. **Milltown-Limestone Civic Alliance – Dave Tancredi**
23. **Neighborhood House, Inc. – Vacant**
24. **New Castle County Chamber of Commerce - Vacant**
25. **Pike Creek Civic League – Katherine Caudle**
26. **Simonds Gardens Civic Association – Jay Saunders**
27. **Southern New Castle County – Richard Janney**
28. **Southern New Castle County Alliance – Kevin Coneco**
29. **The Nature Conservancy – Vacant**

WILMAPCO Staff

The day-to-day operations of the agency are performed by the WILMAPCO staff, with technical expertise in transportation systems planning and other related areas. The staff, in conjunction with WILMAPCO's member agencies, collects, analyzes and evaluates demographic, land use, and transportation data to understand the transportation system requirements of the region. They also prepare materials for use at TAC, PAC and Council meetings as well as any existing sub-committee meetings.

The professional staff members participate in all WILMAPCO meetings and provide expertise as needed. In addition, they represent the agency at other meetings of importance to planning activities within the region.

The current staff members are:

Tigist Zegeye, Executive Director

Heather Dunigan, Principal Planner

Daniel S. Blevins, Principal Planner

Dave Gula, Principal Planner

William Swiatek, Principal Planner

Jacob Thompson, Senior Planner

Randi Novakoff, Outreach Manager

Sharen T. Elcock, Executive Assistant

Dawn Voss, Administrative Assistant

III FY 2022 UPWP FINANCIAL INFORMATION

**FY 2022 UPWP FUNDING ANALYSIS
TOTAL FUNDS AVAILABLE
and
TOTAL CASH COMMITMENT**

SOURCE	COST SHARE	CASH SHARE	
DELAWARE			
FHWA	\$1,463,023	\$1, 463,023	
FTA	\$377,429	\$377,429	
STATE	\$230,057	\$416,817	
NEW CASTLE COUNTY	\$196,652	\$31,500	
CITY OF WILMINGTON	\$33,404	\$11,796	
DELAWARE TOTAL	\$2,300,565	\$2,300,565	
MARYLAND			IN-KIND
FHWA	\$75,854	\$75,854	
FTA	\$26,568	\$26,568	
STATE	\$12,803	\$12,803	
CECIL COUNTY	\$12,803	\$4,400	\$8,403
MARYLAND TOTAL	\$128,028	\$119,625	\$8,403
GRAND TOTAL	\$2,428,593	\$2,420,190	\$8,403

FY 2022 UPWP FUNDING OUTLINE

Task #	Task Description	Cash Activity	In-kind Activity	Total
MPO 22.01	Administration	\$292,725	\$1,475	\$294,201
MPO 22.02	Unified Planning Work Program (UPWP)	\$92,712	\$484	\$93,196
MPO 22.03	Public Outreach & Public Education	\$150,033	\$754	\$150,787
MPO 22.04	Data Collection, Management & Distribution	\$111,066	\$319	\$111,385
MPO 22.05	Regional Planning & Technical Analysis	\$242,638	\$718	\$243,356
MPO 22.06	Air Quality Coordination & Analysis	\$51,081	\$267	\$51,347
MPO 22.07	New Federal Regulation Compliance	\$62,616	\$327	\$62,943
MPO 22.08	Goods Movement Plan Implementation	\$164,450	\$597	\$165,047
MPO 22.09	Regional Coordination	\$109,236	\$570	\$109,806
MPO 22.10	RTP Implementation	\$98,876	\$516	\$99,392
MPO 22.11	Sub-Regional Studies and Coordination	\$341,148	\$1,024	\$342,172
MPO 22.12	Transportation Improvement Program (TIP)	\$69,755	\$364	\$70,119
MPO 22.13	Monitoring of Sub-Regional Studies Implementation	\$423,370	\$988	\$424,359
TOTAL		<u>\$2,209,707</u>	<u>\$8,403</u>	<u>\$2,218,110</u>
Vacation and Holiday		\$210,483		\$210,483
Grand Total		\$2,420,190	\$8,403	\$2,428,593

WILMAPCO Consultant Costs (included in cash activity above) 2022.

MPO 22.01	BOOKKEEPING	\$10,000
MPO 22.03	URBAN BIKE PROJECT: EARN A BIKE & TRIP FOR KIDS PROGRAM	\$3,000
MPO 22.03	NEWARK BIKE PROJECT	\$2,500
MPO 22.04	INTERSECTIONS COUNTS – REGIONAL	\$30,000
MPO 22.04	REGIONAL MODELING SUPPORT	\$20,000
MPO 22.05	CONGESTION MANAGEMENT SYSTEM CONSULTANT SUPPORT	\$35,000
MPO 22.05	UNIVERSITY OF DELAWARE PARK & RIDE DATA COLLECTION	\$10,000
MPO 22.05	REGIONAL TRANSPORTATION PERFORMANCE MEASUREMENT DEVELOPMENT	\$30,000
MPO 22.05	TRANSPORTATION JUSTICE ANALYSIS	\$30,000
MPO 22.08	DE FREIGHT PLAN UPDATE	\$50,000
MPO 22.11	WILMINGTON INITIATIVES SUPPORT	\$45,000
MPO 22.11	COW I-95 CAP FEASIBILITY STUDY	\$100,000
MPO 22.13	US 202 CORRIDOR MONITORING SUPPORT	\$49,000
MPO 22.13	ROUTE 9 CORRIDOR MASTER PLAN MONITORING SUPPORT	\$35,000
MPO 22.13	SNCCMP TRAFFIC MONITORING SUPPORT	\$10,000
MPO 22.13	NORTH CLAYMONT AREA MASTER PLAN MONITORING SUPPORT	\$35,000
MPO 22.13	NEWPORT TRANSPORTATION PLAN MONITORING SUPPORT	\$35,000
MPO 22.13	GOVERNOR PRINTZ BLVD CORRIDOR MONITORING SUPPORT	\$35,000
MPO 22.13	CHURCHMANS CROSSING PLAN MONITORING SUPPORT	\$35,000
		\$599,500

IV FY 2022 WORK TASKS – WILMAPCO

MPO 22.01 – ADMINISTRATION

22.01.01 – General Administration

ADMINISTRATOR: Tigist Zegeye, Executive Director and Sharen T. Elcock, Executive Assistant

This task includes all office management functions including purchasing all supplies, office equipment and computer equipment, maintaining equipment and facilities and developing the most cost-effective and efficient methods of providing the necessary support for staff, member agencies and the public. This task also includes updating and maintaining WILMAPCO's database of interested citizens, consultants, state and local officials, and committee members. In addition, weekly staff meetings keep staff informed of WILMAPCO activities and provide direction and the exchange of ideas.

22.01.02 – Financial Administration

ADMINISTRATOR: Tigist Zegeye, Executive Director and Sharen T. Elcock, Executive Assistant

This task includes all financial and accounting functions including preparation of monthly Financial Status Reports and monthly billing reports. This task also provides for annual audits, annual budget development and monitoring, and coordination with federal fund administrators.

\$10,000 Bookkeeping

22.01.03 – Personnel Administration

ADMINISTRATOR: Tigist Zegeye, Executive Director and Sharen T. Elcock, Executive Assistant

This task includes all personnel functions including recruiting and hiring of new personnel, maintaining personnel records, coordinating employee evaluations, administering employee benefits programs, and performing payroll functions including preparation of all tax returns, W-2s and 1099s.

22.01.04 – Support for Council, Committees and Subcommittees

ADMINISTRATORS:

Council: *Tigist Zegeye, Executive Director*

Technical Advisory Committee: *Heather Dunigan, Principal Planner*

Public Advisory Committee: *Randi Novakoff, Outreach Manager*

Air Quality Subcommittee: *William Swiatek, Principal Planner*

Congestion Management System Subcommittee: *Daniel Blevins, Principal Planner*

Demographics and Data Subcommittee: *Daniel Blevins, Principal Planner*

Nonmotorized Transportation Working Group: *Heather Dunigan, Principal Planner*

Goods Movement Working Group: *Daniel Blevins, Principal Planner*

Transportation Justice Working Group: *William Swiatek, Principal Planner*

The Council, with the support of the advisory committees, determines WILMAPCO policy, approves the expenditure of federal transportation funds in the WILMAPCO region, and oversees staff planning and agency coordination activities. Staff efforts ensure that the Council and the supporting advisory committees' function effectively, that materials and information are developed on a timely basis to support council decisions, and that public meetings are regularly held. This task includes time and expenses for staff preparation and attendance at all WILMAPCO Council, committee and sub-committee meetings including development of materials (agendas, minutes, reports) as well as mailings.

22.01.05 – Staff Training and Education

ADMINISTRATOR: WILMAPCO Staff

Ongoing staff training includes attendance at conferences, seminars and training sessions. Employee training needs are also identified, and appropriate classes and/or training programs are made available to employees to enhance their skills.

22.01.06 – Other

ADMINISTRATOR: Sharen T. Elcock, Executive Assistant

Other administrative tasks as identified.

OUTCOME AND FINAL PRODUCT: Efficient operation of the WILMAPCO Council and offices, accurate financial and budget information, efficient personnel administration, well-staffed committees provided with all necessary information to perform their functions, effective staff communications, and knowledgeable and well-trained staff.

SCHEDULE: FY 2022

TASK TYPE: Recurring

PUBLIC PARTICIPATION: All WILMAPCO Council, committee and subcommittee meetings are open to the public and databases are maintained to ensure that as many people as possible are kept informed of WILMAPCO activities. All financial reports are made available to the public at TAC and Council meetings or by request.

BENEFIT: Optimal utilization of planning funds by ensuring that WILMAPCO is run efficiently, cost effectively and within budget, with well-trained and educated staff, and informed committees.

PARTICIPANTS: WILMAPCO Staff

TOTAL COSTS:

Resource Allocation	WILMAPCO		\$282,726
	IN KIND SERVICES		\$1,475
	CONSULTANT		\$10,000
	TOTAL		\$294,201
Cost Allocation	Cash Share	In-Kind	Total
FHWA DE	\$176,955	\$0	\$176,955
FTA DE	\$45,651	\$0	\$45,651
FHWA MD	\$9,175	\$0	\$9,175
FTA MD	\$3,213	\$0	\$3,213
Delaware	\$50,415	\$0	\$50,415
Maryland	\$1,549	\$0	\$1,549
New Castle County	\$3,810	\$0	\$3,810
Cecil County	\$532	\$1,475	\$2,008
City of Wilmington	\$1,427	\$0	\$1,427
TOTALS	\$292,725	\$1,475	\$294,201

MPO 22.02 – UNIFIED PLANNING WORK PROGRAM (UPWP)

22.02.01 – UPWP Preparation

ADMINISTRATOR: Tigist Zegeye, Executive Director, Sharen T. Elcock, Executive Assistant, and Staff
WILMAPCO, in cooperation with the states of Delaware and Maryland and operators of publicly owned transit, develops a UPWP to meet the requirements of 23 CFR Part 420, sub-part A that states, “In urbanized areas with populations of 200,000 or more, the states' Metropolitan Planning Organization (MPO) shall develop a UPWP, which describes urban transportation and transportation-related air quality planning activities anticipated in the metropolitan area during the next one- or two-year period including all planning work to be performed regardless of funding source or the agencies conducting activities. The UPWP will also indicate who will perform the work, the schedule for completing it, and its products.” This task provides for the development of the FY 2022 UPWP by the WILMAPCO staff.

22.02.02 – UPWP Administration

ADMINISTRATOR: Tigist Zegeye, Executive Director and Sharen T. Elcock, Executive Assistant
This task provides for the administration of the UPWP throughout the fiscal year including distribution of the document, preparation of funding agreements, contract administration, and preparation of proposed amendments and updating the document as required.

22.02.03 – Other

ADMINISTRATOR: Tigist Zegeye, Executive Director and Sharen T. Elcock, Executive Assistant
Other UPWP tasks as identified.

OUTCOME AND FINAL PRODUCT: The FY 2021 Unified Planning Work Program will contain documentation of all transportation planning activities in the WILMAPCO region.

SCHEDULE:

Draft Review by TAC and PAC	March 2021
Draft UPWP 30-Day Public Comment Period	April 1, 2021–May 3, 2021
Final Draft Approval by TAC and PAC	April 2021
Council Approval	May 2021
Submission to DelDOT and MDOT	May 2021
Implementation	July 1, 2021

TASK TYPE: Recurring

PUBLIC PARTICIPATION: The public is invited to attend all TAC and PAC meetings during the development of the UPWP and the final draft will be available for public review from April until adoption by the Council in May. The public review period will be advertised in local newspapers.

BENEFIT: A document that guides planning activities in the Wilmington metropolitan region.

PARTICIPANTS: WILMAPCO Staff, TAC, PAC and Council

TOTAL COSTS:

Resource Allocation	WILMAPCO		\$92,712
	IN KIND SERVICES		\$484
	CONSULTANT COSTS		\$0
	TOTAL		\$93,196
Cost Allocation	Cash Share	In-kind	Total
FHWA DE	\$56,045	\$0	\$56,045
FTA DE	\$14,459	\$0	\$14,459
FHWA MD	\$2,906	\$0	\$2,906
FTA MD	\$1,018	\$0	\$1,018
Delaware	\$15,967	\$0	\$15,967
Maryland	\$490	\$0	\$490
New Castle County	\$1,207	\$0	\$1,207
Cecil County	\$169	\$484	\$652
City of Wilmington	\$452	\$0	\$452
TOTALS	\$92,712	\$484	\$93,196

MPO 22.03 – PUBLIC OUTREACH AND PUBLIC EDUCATION

OBJECTIVE AND TASK DESCRIPTION: Provides for public education and participation in transportation planning decisions in the WILMAPCO region. Federal and State transportation planning laws and regulations require public involvement in the process. These requirements reflect the fact that transportation decisions are more likely to be effective, add value to the surrounding communities, and be implemented in a timely manner when the public is involved in the process.

This task provides for the staff time for general public involvement in the transportation planning process at WILMAPCO. In addition to the specific sub-tasks described below, this task also provides for staff time to make presentations and brief interested groups and elected officials; participate in public meetings and workshops; and general staff liaison and coordination of work with other agencies and groups. Individual planning efforts and their public involvement activities are budgeted in those specific work tasks later in this document.

22.03.01 – Public Meetings and Outreach

ADMINISTRATOR: Randi Novakoff, Outreach Manager and Staff

- A. General Public - Staff will identify organizations and individuals representing a broad spectrum of community interests and encourage their participation in the transportation planning process. This will include working to identify new stakeholders and building relationships with underserved populations within the region. A variety of methods will be used, including public meetings, workshops, walking workshops, conferences, seminars, presentations, health and safety events, stakeholder and municipal groups, and other outreach activities as appropriate. Staff will explore new locations to hold public workshops. Venues where people are already present will be sought. Meetings will also be held in a variety of ADA compliant locations to reach a wider audience. Each project will use an array of formats specific to the needs of the community.
- B. Targeted Audiences – Public participation strategies will be developed that fit the audience and its particular needs, rather than using a “one size fits all” approach. Staff will strive to understand the interests and concerns of target audiences in order to determine the most relevant content and most efficient ways to communicate with and engage each segment. Staff will target specific audiences, go where people are, and participate in events targeted to those audiences.
- C. Transportation Justice Outreach – When working in communities identified in the 2019 Transportation Justice Report, additional outreach measures will be employed. Communities of particular concern include ethnic and racial minorities, low income, those with disabilities, female-headed households with children, and those with Limited English Proficiency. When working in these communities, additional strategies may include investing in relationship building, encouraging local leadership in studies, acknowledging any past harm done by transportation and land use planning, striving for equitable participation, and aiming for community empowerment.

22.03.02 – Development of Public Information Documents

ADMINISTRATOR: Randi Novakoff, Outreach Manager and Staff

Brochures, booklets, pamphlets, flyers, and videos will be developed to promote general WILMAPCO efforts as well as individual tasks. Supplemental guides may also be created to provide more detailed information regarding topics such as: air quality, the TIP process, the RTP Update, or the public involvement process. A public friendly TIP summary document will be created to provide ease of understanding of the larger TIP document. Transportation planning information will be conveyed in language and context that is easily understandable to the lay citizen. Acronyms, abbreviations, and jargon will be kept to a minimum and all necessary background information on documents prepared will be provided to ease understanding of transportation planning processes and programs. Easy to understand documents and/or videos will be developed explaining steps in the planning process and typical timelines involved. Real examples and success stories will be used to demonstrate how public ideas have influenced planning outcomes. Staff will develop literature and videos that promote awareness of WILMAPCO's achievements and capabilities.

22.03.03 – Newsletter and E-News

ADMINISTRATOR: Randi Novakoff, Outreach Manager and Staff

A quarterly newsletter focusing on transportation issues, plans, projects, programs will be produced by Delaware Today Media and distributed to a database of interested parties. The newsletter will be distributed via postal mail and electronically on a quarterly basis. In addition, a monthly electronic newsletter will be sent out with current meeting information and brief stories of interest to the MPO's e-mail address list. Effort will be made in newsletters to include examples where the public has impacted the transportation planning process and outcomes.

22.03.04 – Development of Multimedia Presentations and Videos

ADMINISTRATOR: Randi Novakoff, Outreach Manager and Staff

To expand the public's awareness of WILMAPCO, staff will develop various presentations and/or videos to educate the public on the importance of their involvement in the transportation planning process. PowerPoint presentations and videos will be created to show to civic and community groups, city, town, and county council meetings, and other interested organizations. These presentations and videos may focus on several topics, including the TIP development process, interregional coordination, community and regional planning, RTP development, and freight studies.

22.03.05 – Webpage Management

ADMINISTRATOR: Randi Novakoff, Outreach Manager; William Swiatek, Principal Planner; and Staff

Maintain, update, and continue to improve the WILMAPCO webpage, which provides information including meeting dates, times, locations, and agendas for upcoming Council, Committee, Subcommittee, and other related meetings; publishes and makes available WILMAPCO's plans and studies; and informs the public about opportunities to participate. The webpage also provides access to the UPWP, the TIP, RTP, PPP, and other planning documents, as well as planning data and maps; and provides another method of presenting information and receiving comments on draft documents and planning activities in the region.

22.03.06 – School Children Education, Safe Routes to School Program, Safe Kids Delaware

ADMINISTRATOR - Randi Novakoff, Outreach Manager; and Bill Swiatek, Principal Planner

A School Children's Transportation Curriculum was developed in 2001 and adjustments have been made to improve its effectiveness. In 2010 the program was correlated to Delaware State learning standards and integrated into the statewide curriculum used by all Delaware schools. Staff will continue to work with other local schools and community centers by participating in educational cluster sessions, GIS days, summer camps, and other educational activities and events. WILMAPCO's Safe Routes to School Program helps create safe, convenient, and fun opportunities for children to bicycle and walk to and from schools by helping to secure federal funding for infrastructure improvements including crosswalk, sidewalk and sign improvements; and developing education and encouragement strategies. Staff will work with elementary schools, DOT's, health educators, AAA Delaware, local police departments, Safe Kids Delaware, advocacy groups, and other local partners to coordinate SRTS programs. Educational and encouragement highlights include Walk and Bike to School Days, Park-n-Walk/Bike events, bike and pedestrian rodeos, safety assemblies, art contests, health and safety fairs, surveys, poster contests, and many other educational activities and events. Staff will continue efforts to coordinate SRTS programs including, chairing and organizing meetings, coordinating walk and bike to school events, offering incentive items, partnering with outside organizations, and conducting events and activities that educate and encourage students to walk and bike to school safely. WILMAPCO also develops pedestrian and bicycle safety education activities, events, materials and videos in partnership with Safe Kids Delaware.

Urban Bike Project

The Earn-a-Bike Program serves the community's needs, provides for transportation choice and improves quality of life by engaging youth about biking. This project sparks the cultural change necessary to view the bicycle as an appropriate, affordable, healthy and energy-efficient form of transportation. In addition, the project instills a positive work ethic and occupies the student's after-school and weekend hours with a positive, productive, and self-esteem building program. The program includes class instruction allowing students to become proficient in the use, identification, and maintenance of bicycle parts and tools, and safe riding skills. Under supervision from Urban Bike Project staff, the youth begin construction of their bicycles from spare parts. Youth are tested on their understanding of safe riding habits before receiving the bicycles they have built from scratch. The program also includes bicycle-riding activities for the youth such as riding around local neighborhoods, practice using bicycle racks on buses, and bicycling along scenic greenways and park trails. Laura Wilburn (Urban Bike Project) administers this project.

\$3,000 is budgeted for the program

Newark Bike Project Youth Program

Newark Bike Project's youth program uses bicycle education as a means of pursuing the organization's mission to work towards sustainability through emphasizing community, education, and empowerment. Youth programs include support for local safe routes to school programs in partnership with WILMAPCO, City of Newark, Christina School District, DelDOT and Bike Newark; partnership with local schools to teach bicycle safety and maintenance; and the Youth Empowerment Program. The Youth Empowerment Program is aimed at youth ages 9 to 14 and includes community service and bike activities that foster the use of bicycling as transportation and promote safety.

\$2,500 is budgeted for the program

22.03.07 – Coordination with Other Agencies on Public Outreach

ADMINISTRATOR – Tigist Zegeye, Executive Director; Randi Novakoff, Outreach Manager; and Staff

Staff will coordinate public involvement activities with other jurisdictions and agencies, particularly those focused on transportation. This includes participating and arranging local conferences and events and conducting exhibit tables during events. It also includes conducting seminars and conferences that educate target audiences on design, development, and technological advances furthering WILMAPCO's mission and goals. Staff will work to facilitate the sharing of WILMAPCO information and events with other agencies and organizations via website, social media, newsletters, and any other means available. Staff will participate in the development and scoping of a variety of plans and studies that further the goals and strategies of the RTP. Staff will also conduct legislative briefings for area elected officials as determined by community and area planning advisory committees, or major funding or policy changes.

22.03.08 – Air Quality Public Outreach

ADMINISTRATOR – Randi Novakoff, Outreach Manager

This task provides for the oversight of outreach efforts to the public and legislators on air quality matters. This includes chairing the Air Quality Partnership of Delaware (AQP). AQP is a public/private coalition of businesses, agencies, and individuals working to raise awareness and inform the public about practices that improve air quality and citizen health statewide in Delaware, and across New Castle and Cecil Counties. The Partnership includes Dover/Kent MPO, DNREC, DART First State, Delaware Commute Solutions, Chesapeake Utilities, Bruce Productions, Nemours Health and Prevention Services, American Lung Association of Delaware, and others. AQP has developed a mascot (Tropo) to message and educate about air quality matters. This approach provides an interactive and fun method to convey important air quality matters and provides a strong foundation for retention and understanding of targeted messaging. AQP has developed an outreach assembly program for youth and their families to increase awareness of how clean air impacts health, and how daily activities affect the environment and their health. AQP also coordinates Delaware Air Quality Awareness Week, a social media campaign that encourages use of alternative modes of transportation throughout the week via contests, videos and social media posts. The partnership also helps coordinate the Wilmington's Earth Day event. Wilmington's Earth Day is a weeklong virtual event that consists of daily activities and themes, including transportation and air quality.

22.03.09 – Transportation Justice Outreach

ADMINISTRATOR – Randi Novakoff, Outreach Manager and William Swiatek, Principal Planner

WILMAPCO's PAC and Transportation Justice Working Group help to develop strategies to engage minority, low-income, senior, disabled, households without an automobile, low-literacy, and Limited-English Proficiency communities in the transportation decision-making process. Strategies outlined in WILMAPCO's Public Participation Plan (PPP) and Transportation Justice Plan seek to reduce the participation barriers that these communities often experience. Staff also attends and helps to organize expos, exhibits, and conferences to better engage and understand the evolving needs of these constrained populations and will attend trainings specific to outreach to these communities. This will include coordinating a 5-day statewide Social Justice Outreach Training in partnership with APA Delaware and University of Delaware, and Dover/Kent MPO.

22.03.10 – Social Media and Video Outreach and Education

Administrator – Randi Novakoff, Outreach Manager; and Staff

Social media tools such as Facebook, Instagram, Twitter, YouTube, and Nextdoor may be used to supplement traditional communication methods and increase meaningful interaction with the communities WILMAPCO serves. Social media will be used to promote WILMAPCO and partner organization events and may include boosted posts and events. Staff will share articles, websites, or online information as appropriate. Staff will also work to create online content via outreach videos focusing WILMAPCO's planning efforts, the planning process, and safety education.

22.03.11 – Other

ADMINISTRATOR: Randi Novakoff, Outreach Manager

Other Public Outreach tasks as identified.

OUTCOME AND FINAL PRODUCT: A process and products that educate the public on transportation plans and processes in the region and encourages citizen initiative, involvement, and comment. Educational programs and events are designed to educate the citizens of New Castle County and Cecil County on transportation planning and programming and opportunities for involvement.

SCHEDULE: FY 2022

TASK TYPE: Recurring

PUBLIC PARTICIPATION: The public is invited to attend all PAC, TAC, and Council meetings during the development of the work products described above. Individual public meetings and workshops will be advertised in local newspapers and will be publicized through press releases and media relations work with local newspapers, radio, and television stations. A Calendar of Events will be published quarterly and will include dates, times, and locations of all regular WILMAPCO Council, TAC, PAC, and subcommittee meetings, as well as special project meetings.

BENEFIT: A better-informed public who will be more equipped to make intelligent and responsible transportation decisions and a transportation system that better serves the needs of the public.

PARTICIPANTS: General Public, WILMAPCO, PAC

TOTAL COSTS:

Resource Allocation	WILMAPCO		\$144,533
	IN KIND SERVICES		\$754
	CONSULTANT		\$5,500
	TOTAL		\$150,787
Cost Allocation	Cash Share	In Kind	Total
FHWA DE	\$90,696	\$0	\$90,696
FTA DE	\$23,398	\$0	\$23,398
FHWA MD	\$4,702	\$0	\$4,702
FTA MD	\$1,647	\$0	\$1,647
Delaware	\$25,839	\$0	\$25,839
Maryland	\$794	\$0	\$794
New Castle County	\$1,953	\$0	\$1,953
Cecil County	\$273	\$754	\$1,027
City of Wilmington	\$731	\$0	\$731
TOTALS	\$150,033	\$754	\$150,787

MPO 22.04 – DATA COLLECTION, MANAGEMENT, AND DISTRIBUTION

OBJECTIVE AND TASK DESCRIPTION: To develop, research, and analyze data that assists member agencies and the public with understanding the demographic, economic, and transportation planning issues confronting the WILMAPCO region. This task will result in a number of analytical reports on various issues, the analysis for different studies and plan implementation, and the development of projects for the Transportation Improvement Program (TIP). Under this task, WILMAPCO staff will also provide technical assistance to member agencies, organizations, businesses and residents, as requested.

22.04.01 – Data Collection

ADMINISTRATOR: *Daniel Blevins, Principal Planner, William Swiatek, Principal Planner and Jacob Thompson, Senior Transportation Planner*

To produce more useful analysis tools, specific data must be collected on a frequent basis. Data collection activities will include:

- Regional Traffic Counts. This task will include collection of turning movement counts and other traffic data as needs are identified. The data collected will serve as input into the WILMAPCO Congestion Management System (CMS) and support for monitoring of sub-area studies. **\$30,000 is budgeted for the counts.**
- Roadway Travel Time runs will continue in New Castle County (funded through DelDOT) and in Cecil County. The travel time runs will collect travel speed and delay data on major roadways in our region and will serve as a primary input into the WILMAPCO Congestion Management System (CMS).
- Additional traffic counts will be done in Cecil County, to help analyze both current and future transportation needs. Specific locations will be determined as part of this task in cooperation with MDOT and Cecil County.
- Travel demand data for use in planning activities such as the CMS and the long-range regional transportation plan (RTP) will be generated and maintained.
- Information on pedestrian travel will be collected for use in planning and project analysis and other uses as needed.

22.04.02 – Data Updating, Management and Acquisition

ADMINISTRATORS: *Daniel Blevins, Principal Planner, Jacob Thompson, Senior Transportation Planner and Staff*

This task includes recurring efforts such as the development of population and employment estimates and geographic information system management. This task also includes technical assistance to member agencies and reflects the needs that member agencies have identified during the Unified Planning Work Program development.

- **Population and Employment Estimates**

To provide location-specific, accurate population estimates, future population and employment projections, and housing and employment data by traffic analysis zones (TAZs) for use in the regional transportation planning process. Estimates and projections in this task will be based on the most current Delaware Population Consortium, Maryland Office of Planning, New Castle County and Cecil County data. Data derived from this task will be utilized in transportation network modeling, land use simulation models, analysis of sub-regional projects and studies, and the future updates of the WILMAPCO Regional Transportation Plan (RTP).

- **Geographic Information Systems**

A regional Geographic Information Systems (GIS) database will be coordinated by staff to better organize and maintain the vast amounts of spatially related data developed by member agencies. The database will make the management and tracking of transportation project status, development patterns, and demographic data, among others, much easier to comprehend. The following contains a listing and abbreviated description of some of the components of the regional GIS development:

- Annual Travel Time and Delay data for all major arterials/freeways in New Castle and Cecil Counties
- Annual Park and Ride Usage

Staff will maintain, update, and map a project database so that projects can be listed, tracked and utilized by WILMAPCO's GIS. The database will include projects from the Transportation Improvement Program (TIP) and projects contained in the Regional Transportation Plan (RTP) constrained projects.

Staff will work with New Castle County, Cecil County, DeIDOT, and MDOT to compile GIS road coverages including classification, AADT, capacity and other transportation-related data elements, including land use and zoning data for planning purposes.

- **Data Acquisition**

In order for WILMAPCO to continue producing its regional performance-based documents, large amounts of data are required for their development. As a result, WILMAPCO relies on its member agencies to provide several data items delivered in a timely manner to allow for staff to produce the desired outcomes. In order to better serve the needs of our planning activities, a list of additional needed data from member agencies is provided below:

Data	Description	County	Responsible Agency	Delivery Date
Pavement Conditions	Tabular data file of roadway conditions during FY 2020. Includes: - NCC: Total centerline miles and quality rated either Good, Fair or Poor - Cecil: Total centerline miles and quality rated either Very Good, Good, Fair, or Poor	New Castle/ Cecil	DeIDOT/ MDSHA	August 2021
Bridge Inventory and Conditions	Tabular/GIS file of all Bridges with each county in the region and their status (Structurally Deficient and Functionally Obsolete) for FY 2020	New Castle/ Cecil	DeIDOT/ MDSHA	August 2021
Annual Crash Statistics	GIS file of all reported crashes and associated attribute data for calendar year 2020	New Castle	DeIDOT	June 2021
Annual Transit Ridership	Tabular data consisting of transit operations statistics (Monthly and Annual): - Total Transit Ridership by service type and route - On-Time performance for paratransit and fixed route services - Transit costs per trip for paratransit and fixed route services - Total Annual Route Mileage for paratransit and fixed route services	New Castle	DTC	August 2021
Completed Projects- FY 2020	GIS file of all projects completed during the fiscal year	New Castle	DeIDOT	August 2021
EZ Pass/MTag Usage	Tabular file of Monthly/Annual totals at all toll collection facilities including: - SR 1 & Dover, Smyrna, Denney Rd. Biddles Corner and Boyd's Corner Rd. - I-95 @ DE/MD Line - I-95 @ Kent/Cecil Border	New Castle/ Cecil	DeIDOT/ MDSHA	August 2021
Transit Data	Updated GIS files for DTC bus stops, transit routes and headways	New Castle	DTC	August 2021
Air Quality Data	Tabular speed vs. emission data for ozone and PM2.5. In addition, GIS shapefiles of each benchmark year (including base year), containing Model AADT, VMT, VHT, emissions and truck volumes	New Castle	DeIDOT	With each model run
Parcel Data	Updated GIS file for parcels in New Castle County, with descriptive attribute data, including the number of units per parcel	New Castle	NCC-LU	October 2021

- **Regional Model Development and Support**

Assist DeIDOT modeling in developing input for all travel demand models. Effort needed to continue to incorporate relevant truck/rail traffic data into their travel demand model to help facilitate better investment decisions. Funding allows for periodic reviews that should be performed to ensure all base year model inputs are based on the most recent data collection activities. Travel demand data for use in planning activities such as the CMS and the long-range regional transportation plan (RTP) will be generated and maintained. **\$20,000 is budgeted for consultant support.**

- **Data Report Production**

Provide timely updates to regularly published data summaries.

22.04.03 – Data Distribution and Local Planning Support

ADMINISTRATOR: Daniel Blevins, Principal Planner, William Swiatek, Principal Planner, Jacob Thompson, Senior Transportation Planner

Staff will provide technical data to WILMAPCO member agencies, local municipalities and other entities. The data provided typically includes traffic counts, accident data, demographic projections, and data developed for the RTP. Staff will work with member agencies to improve data collection activities. The following are some anticipated data management and distribution projects:

- Maintain a WILMAPCO Data Clearinghouse for regional data provided by member agencies and other sources that will be accessible via the WILMAPCO website and by request. The clearinghouse will function as a common site for data to be shared/exchanged between various groups to improve data gathering for various activities. Data such as population/employment projections, roadway network coverages, municipal boundaries, annual transit ridership figures, and other data sets will be listed on the site. The data will be accessible by direct downloading from the website, links to other websites containing the listed data, or by submitting a request to WILMAPCO staff for the data. This format also allows for accommodating individual public data requests.
- Produce a series of WILMAPCO Data Reports containing data, maps and other information pertaining to the region. The document will be accessible by direct downloading from the website and hardcopy by request.
- Develop a summary of travel time data and analyze its impact on various parts of our region. Utilizing existing data, the project will illustrate short-term and long-term shifts in travel times and the possible implications for transportation planning activities.
- Support planning exercises for local municipalities and civic groups through the provision of specialized planning information and data products.
- Accommodate individual requests from the public, providing data in a variety of formats.

22.04.04 – Public Opinion Survey

ADMINISTRATOR: Randi Novakoff, Outreach Manager

WILMAPCO's Public Opinion Survey provides data on the public perception of transportation facilities and services. The results are used to monitor public concerns and opinions and develop policy in the RTP. The Cecil County Public Opinion Survey and the New Castle County Public Opinion Survey have been revised and combined into one survey that will be conducted every four years, in concurrence with Regional Progress Report updates. This will be used in conjunction with the data received from DeIDOT and other transportation agencies. WILMAPCO's Public Opinion Survey allows the MPO to track the opinions of residents over time, to identify trends, and provide direction for policies. The surveys also provide data regarding topics such as: which modes of transportation are most favored, the most effective methods to improve the transportation system; how land use, growth and development should be controlled; and the most favored public outreach methods. Results are then used, in conjunction with other outreach efforts, to set policies for future planning efforts.

22.04.05 – Other

ADMINISTRATOR: Daniel Blevins, Principal Planner

Other data collection, management, and distribution tasks as identified.

OUTCOME AND FINAL PRODUCT:

Staff, with consultant assistance, will produce a series of annual population and employment estimates for the region that will serve as inputs for updates of the RTP, TIP, transportation network model, and subsequent sub-regional transportation plans. Additional products may include reports such as a project summary report that includes findings resulting from the project and an evaluation of project results, data limitations, problems and methods needed to resolve them. Staff will produce a comprehensive GIS database containing, among other elements: upcoming TIP projects, intersection data, roadway geometry data, traffic volumes, population and employment data, proposed development listings, and travel demand forecasts. Staff will maintain the regional data clearinghouse and produce

spreadsheets and maps of available data as requested. Demographic data will also be produced to identify targeted populations for environmental justice analysis and outreach.

SCHEDULE: FY 2022

TASK TYPE: Recurring

PUBLIC PARTICIPATION: There is a 30-day public comment period on all population and employment numbers. The public is invited to attend all TAC and PAC meetings during the development of the work products described above. Individual public meetings and workshops will be advertised in local newspapers and will be publicized through press releases, the WILMAPCO website, and media relations work with local newspapers and radio and television stations.

BENEFIT: Knowledgeable member agencies and residents better able to contribute to the planning process; increased use of sophisticated demographic data in the planning process; and more accurate travel models that promote better plan development. Population and Employment estimates will provide a useful tool for updating and monitoring the WILMAPCO RTP, network model, and other regional and sub-regional transportation planning needs. This task will also provide reports and/or maps as requested for specific uses such as travel and demographic data analysis and area study GIS maps. Activities will be better coordinated between member agencies, local municipalities and other entities.

PARTICIPANTS: WILMAPCO Staff, Demographics Subcommittee, Congestion Management Subcommittee, Member Agencies and Municipalities

TOTAL COSTS:

Resource Allocation	WILMAPCO		\$61,066
	IN KIND SERVICES		\$319
	CONSULTANT		\$50,000
	TOTAL		\$111,385
Cost Allocation	Cash Share	In Kind	Total
FHWA DE	\$67,140	\$0	\$67,140
FTA DE	\$17,321	\$0	\$17,321
FHWA MD	\$3,481	\$0	\$3,481
FTA MD	\$1,219	\$0	\$1,219
Delaware	\$19,128	\$0	\$19,128
Maryland	\$588	\$0	\$588
New Castle County	\$1,446	\$0	\$1,446
Cecil County	\$202	\$319	\$521
City of Wilmington	\$541	\$0	\$541
TOTALS	\$111,066	\$319	\$111,385

MPO 22.05 – REGIONAL PLANNING AND TECHNICAL ANALYSIS

22.05.01 – Congestion Management System & Intersection Operations Analysis Development

ADMINISTRATOR: Daniel Blevins, Principal Planner, William Swiatek, Principal Planner, Jacob Thompson, Senior Transportation Planner

Staff and the CMS Subcommittee will collect and analyze data from a variety of sources including: traffic impact studies, cordon study counts, intersection turning movement counts, travel demand model output, and corridor travel time analyses in order to update the WILMAPCO CMS Report. Based on this data, congested corridors or areas will be identified and a screening process will be applied to determine the most appropriate congestion mitigation strategies for each corridor or area. The effectiveness of strategies recommended in previous CMS reports will be assessed. **\$35,000 is budgeted for consultant support.**

22.05.02 – Regional Progress Report

ADMINISTRATOR: William Swiatek, Principal Planner and Jacob Thompson, Senior Transportation Planner

To gauge how well the region is progressing towards the goals developed in the Regional Transportation Plan (RTP) and Public Participation Plan (PPP), staff will develop a Regional Progress Report in preparation for each RTP. Using data-driven performance measures where possible, the report tracks the progress of each action in the RTP. Red, yellow, and green light indicators are provided for each action representing poor, partial, and full progress.

22.05.03 – Title VI Plan and Transportation Justice Analysis

ADMINISTRATOR: William Swiatek, Principal Planner, Jacob Thompson, Senior Transportation Planner, Randi Novakoff, Outreach Manager

Measures will continually be developed to better assess the mobility and public participation constraints of our region's low income and minority communities, in step with our obligations under the federal Environmental Justice initiative, our Title VI mandate and other directives and initiatives. Staff will seek to understand the mobility challenges of other populations constrained by our transportation system – seniors (those aged 65+), people with disabilities, and those who live in households without vehicles. These groups are referred to collectively as our Transportation Justice (TJ) communities. Staff produced an updated TJ Plan in 2019 and are working towards implementing its recommendations. Implementation work includes publicizing results and providing technical and policy support to Delaware's Racial Justice Collaborative.

22.05.04 - Transportation Justice - Public Transit Analyses

ADMINISTRATOR: William Swiatek, Principal Planner, Jacob Thompson, Senior Transportation Planner

This project will fulfill recommendations from the 2019 Transportation Justice (TJ) Plan to explore fixed-route public transit improvements within Black neighborhoods, impoverished neighborhoods, and food deserts. The 2019 TJ Plan identified many vulnerable neighborhoods with poor or absent fixed-route bus connectivity to low-wage employment centers, supermarkets, and other destinations. These missing connections work to inflate the cost of household transportation expenses and lessen healthy food access.

This effort will provide the additional analyses needed, at both the neighborhood and systemwide level, to examine and propose remedies via adjustments to the fixed-route bus network. These may include adjustments to bus line routing and/or frequencies. The project, which will be guided by WILMAPCO's TJ working group, will also feature updates to the regional connectivity analysis featured in the TJ Plan. **\$30,000 is budgeted for consultant support.**

22.05.05 – Data Analysis for Planning Partners

ADMINISTRATOR: Daniel Blevins, Principal Planner, William Swiatek, Principal Planner, Jacob Thompson, Senior Transportation Planner

Assistance will be provided to our planning partners, when requested, in the form of data analysis in order to help enhance their planning tool capacity. As part of this assistance, WILMAPCO and the Institute for Public Administration (IPA) will collect Park & Ride /poll usage at all New Castle County locations during the winter, spring, summer and fall. Counts will be collected twice during these periods for a total of 8 counts. **\$10,000 is budgeted for University of Delaware (IPA).**

22.05.06 - Top Priority Pedestrian Segments

ADMINISTRATOR: Jacob Thompson, Senior Transportation Planner & William Swiatek, Principal Planner

A regional assessment of top priority pedestrian segments was completed in 2012. The study features an update of the Prioritized Pedestrian Network, introduced in the 2030 RTP, and walkability recommendations for the region's 20 highest-scoring corridors. A matrix of appropriate funding mechanisms for implementation was provided. Staff will work with member agencies and decision-makers to help guide identified projects onto implementation. Staff updated the Prioritized Pedestrian Network in 2016 and in 2020.

22.05.07 – Sea-level Rise Transportation Vulnerability Assessment

ADMINISTRATOR: William Swiatek, Principal Planner, Jacob Thompson, Senior Transportation Planner

A regional Sea-level Rise (SLR) transportation vulnerability assessment was finalized in 2011, in coordination with wider efforts from both state environmental agencies. The assessment profiles existing and planned transportation infrastructure (highways, railways, marinas, etc.) and projects which risk inundation at established rise levels. Staff will continue efforts to ensure the study's findings are worked into the decision-making process. Staff will support efforts to adapt to SLR in Delaware and Maryland. The SLR transportation vulnerability assessment was updated in 2020 with revised scenarios.

22.05.08 – Regional Transportation Performance Measure Development

ADMINISTRATOR: Daniel Blevins, Principal Planner, William Swiatek, Principal Planner, Jacob Thompson, Senior Transportation Planner

OBJECTIVE AND TASK DESCRIPTION: Provides tracking trends of key indicators of how the transportation system is performing to improve the ability to address short- and long-term decisions based on system performance. In order to respond to demands for accountability from elected officials and the public, development of transportation and land use performance measures and prepare an annual performance report on state and regional efforts and their relation to the goals of State and MPO long range plans.

This task will provide support for decisions about transportation budgeting and appropriations and will provide a trigger for in-depth examinations of performance problems and possible corrections. It will focus on identifying and using the most credible performance measures that are reliable, relevant and regional in scope, easy to understand by a wide audience, available from public sources of data and available over a period of time. This task is to mainly cover consulting help in expediting LOS analysis, extraction of real-time ITMS data for uses in various projects.

\$30,000 is budgeted for consultant support.

SCHEDULE: FY 2022

TASK TYPE: Recurring

PUBLIC PARTICIPATION: Updates on interagency coordination in these areas will be presented as appropriate at TAC and Council meetings or by request.

BENEFIT: Increased interagency coordination and shared staff knowledge and resources in the development of technical tools. The task also allows WILMAPCO staff to ensure that federal regulations concerning transportation models are met.

PARTICIPANTS: WILMAPCO Staff, member agency staff

TOTAL COSTS:

Resource Allocation	WILMAPCO		\$137,638
	IN KIND SERVICES		\$718
	CONSULTANT		\$105,000
	TOTAL		\$243,356
Cost Allocation	Cash Share	In Kind	Total
FHWA DE	\$146,676	\$0	\$146,676
FTA DE	\$37,839	\$0	\$37,839
FHWA MD	\$7,605	\$0	\$7,605
FTA MD	\$2,664	\$0	\$2,664
Delaware	\$41,788	\$0	\$41,788
Maryland	\$1,284	\$0	\$1,284
New Castle County	\$3,158	\$0	\$3,158
Cecil County	\$441	\$718	\$1,159
City of Wilmington	\$1,183	\$0	\$1,183
TOTALS	\$242,638	\$718	\$243,356

MPO 22.06 – AIR QUALITY ANALYSIS AND COORDINATION

OBJECTIVE AND TASK DESCRIPTION: As the Federally designated Metropolitan Planning Organization (MPO) for New Castle County, Delaware and Cecil County, Maryland, WILMAPCO is charged with coordinating regional air quality issues with member agencies and developing air quality conformity determinations on our Transportation Improvement Program (TIP) and Regional Transportation Plan (RTP) to ensure compliance with Federal air quality goals.

Staff will coordinate on regional air quality and transportation conformity issues with the assistance of the WILMAPCO Air Quality subcommittee. These coordination issues include, but are not limited to:

1. Reviewing the TIP, RTP and major amendments to the TIP and Plan for adherence to Federal guidelines and for conformity determination “triggers”.
2. Reviewing any Federal regulations or guidance for applicability to the WILMAPCO region.
3. Reviewing all technical inputs to the air quality conformity modeling process.
4. Developing and/or reviewing any public outreach activities or materials related to air quality.
5. Serving as a forum for raising or discussing any regional or local air quality issues.

The WILMAPCO Air Quality Subcommittee includes members from the Federal Highway Administration (FHWA), Federal Transit Administration (FTA), the Environmental Protection Agency (EPA), the Delaware Department of Transportation (DelDOT), the Delaware Transit Corporation (DTC), the Maryland Department of Transportation (MDOT), the Delaware Department of Natural Resources and Environmental Control (DNREC), the Maryland Department of the Environment (MDE), New Castle County, and Cecil County. This task also includes involvement in other regional air quality committees such as the Delaware Statewide Air Quality Conformity Consultation Working Group.

The WILMAPCO Air Quality Subcommittee will meet monthly (as necessary) to discuss and make recommendations to the WILMAPCO TAC on any amendments to the TIP or RTP that may trigger a conformity determination. This task also includes staff coordination on technical modeling issues related to air quality conformity determinations with the Delaware Department of Transportation (DelDOT), Maryland Department of Transportation (MDOT), the Delaware Department of Natural Resources and Environmental Control (DNREC), and the Maryland Department of the Environment (MDE)

OUTCOME AND FINAL PRODUCT: WILMAPCO, DelDOT, MDOT, DNREC, and MDE will undertake an interagency consultation process with local or regional offices of EPA, FHWA, and FTA on the development of the TIP, the RTP, any revisions to the preceding documents, and all required conformity determinations resulting in an air quality conforming TIP and RTP. A second result of this task will be agency coordination on other air quality issues, Federal guidance and regulations, and public outreach activities. WILMAPCO staff will produce air quality conformity determination reports for submission to USDOT and EPA when deemed appropriate by the WILMAPCO Air Quality Subcommittee and with the approval of the WILMAPCO Council.

SCHEDULE: FY 2022

TASK TYPE: Recurring

PUBLIC PARTICIPATION: There is a public comment period on all air quality conformity determinations developed as part of the TIP or RTP. The conformity determinations are presented to the Air Quality Subcommittee, TAC, and Council. The public is invited to attend all Air Quality Subcommittee, TAC and Council meetings during the development of the work products described above.

BENEFIT: Coordination between member agencies on air quality issues and transportation planning documents that conform to Federal clean air standards.

ADMINISTRATOR: *Tigist Zegeye, Executive Director and William Swiatek, Principal Planner*

PARTICIPANTS: WILMAPCO Staff, Air Quality Subcommittee, Member Agencies (including Municipalities), and the public.

TOTAL COSTS:

Resource Allocation	WILMAPCO		\$51,080
	IN KIND SERVICES		\$267
	CONSULTANT		\$0
	TOTAL		\$51,347
Cost Allocation	Cash Share	In Kind	Total
FHWA DE	\$30,879	\$0	\$30,879
FTA DE	\$7,966	\$0	\$7,966
FHWA MD	\$1,601	\$0	\$1,601
FTA MD	\$561	\$0	\$561
Delaware	\$8,797	\$0	\$8,797
Maryland	\$270	\$0	\$270
New Castle County	\$665	\$0	\$665
Cecil County	\$93	\$267	\$359
City of Wilmington	\$249	\$0	\$249
TOTALS	\$51,081	\$267	\$51,347

MPO 22.07 – NEW FEDERAL REGULATION COMPLIANCE

As the federally designated metropolitan planning organization for the region, WILMAPCO must respond to the planning requirements of two federal laws: the FAST Act and the Clean Air Act Amendments of 1990 (CAAA). The FAST Act, adopted in December 2015, continues many of the regional transportation planning programs advanced in MAP-21 and many of the tasks set forth in this UPWP work directly to continue the implementation of those MAP-21 Programs.

The FAST Act authorized \$305 billion in federal highway, transit, safety and rail programs for five years. Under this legislation, the MPO is a partner in the planning for the use of all federal transportation funds allocated within their region. The FAST Act also requires the MPO to produce and oversee a Transportation Improvement Program (TIP), the region's short-range capital investment plan, which must be consistent with and serve to implement the region's Long-Range Plan. The TIP prioritizes the region's transportation projects within the constraints of federal funding that Delaware and Maryland can reasonably expect to receive within four years.

The Metropolitan Planning Regulations promulgated from the FAST Act identify **ten** planning factors that must be considered in the metropolitan planning process. The ten planning factors listed below are integrated within the tasks of this Unified Planning Work Program.

- Support the **economic vitality** of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency.
- Increase the **safety** of the transportation system for motorized and non-motorized users.
- Increase the **security** of the transportation system for motorized and non-motorized users.
- Increase **accessibility and mobility** of people and freight.
- Protect and enhance the **environment**, promote **energy conservation**, improve the **quality of life**, and promote **consistency** between transportation improvements and state and local planned **growth and economic** development patterns.
- Enhance the **integration and connectivity** of the transportation system, across and between modes, for people and freight.
- Promote efficient **system management and operation**.
- Emphasize the **preservation** of the existing transportation system.
- Improve the **resiliency and reliability** of the transportation system and reduce or mitigate stormwater impacts of surface transportation.
- Enhance **travel and tourism**.

The Metropolitan Planning Regulations also require that MPOs with a population of more than 200,000 undergo a certification review conducted jointly by the Federal Highway Administration and the Federal Transit Administration at least every four years to determine if their metropolitan transportation planning process meets the federal planning requirements. Federal certification of the planning process is a prerequisite to the approval of federal funding for transportation projects in their area. WILMAPCO underwent the site-visit portion of the review in November 2018 and received the Final Certification Review Report in April 2019. With the preparation and distribution of the Final Report, the FHWA and FTA certified WILMAPCO's metropolitan transportation planning process fully with no corrective action.

The requirements of the Clean Air Act Amendments (CAAA) establish a program and set a timetable for improving the nation's air quality. The Wilmington area has been classified as a non-attainment area for ground-level ozone and portions of the region are in non-attainment of the fine particulate matter standards. The region must attain or continue to maintain the mandated air quality standards for these factors. Although the responsibility for attaining the standards falls directly on the states, WILMAPCO is responsible for a key role in developing many of the programs relating to air quality attainment or maintenance. The projects in the region's TIP and the Long-Range Plan must conform to the states' air quality implementation plans. These projects must not lead to any further violation of the federal clean air standards or impede the region's progress toward meeting those standards.

SCHEDULE: FY 2022

TASK TYPE: Recurring

PUBLIC PARTICIPATION: Updates and information on this task will be made available at the PAC, TAC, and WILMAPCO Council meetings, and upon request.

BENEFIT: The task promotes increased interagency coordination and better integration of its planning efforts into the comprehensive MPO planning process.

ADMINISTRATOR: Tigist Zegeye, Executive Director and Staff

PARTICIPANTS: WILMAPCO Staff, Member Agency Staff and other Stakeholder Groups

TOTAL COSTS:

Resource Allocation	WILMAPCO		\$62,616
	IN KIND SERVICES		\$327
	CONSULTANT		\$0
	TOTAL		\$62,943
Cost Allocation	Cash Share	In Kind	Total
FHWA DE	\$37,852	\$0	\$37,852
FTA DE	\$9,765	\$0	\$9,765
FHWA MD	\$1,963	\$0	\$1,963
FTA MD	\$687	\$0	\$687
Delaware	\$10,784	\$0	\$10,784
Maryland	\$331	\$0	\$331
New Castle County	\$815	\$0	\$815
Cecil County	\$114	\$327	\$441
City of Wilmington	\$305	\$0	\$305
TOTALS	\$62,616	\$327	\$62,943

MPO 22.08 – GOODS MOVEMENT PLAN IMPLEMENTATION

OBJECTIVE AND TASK DESCRIPTION: As an MPO, WILMAPCO is bound by federal transportation legislation to be involved with the integration and connectivity of freight, across and between modes. The collection of data and its analysis will serve to broaden WILMAPCO's understanding of the logistic, safety and economic issues that surround the movement of goods throughout the region. The 2017 Statewide Freight Plan summarized current and future freight planning and transportation needs to enhance freight and goods movement and related economic opportunities on the 14-county tri-state area of Delmarva.

WILMAPCO will work to meet the need for multimodal freight planning collaboration within regional jurisdictions and across economic corridors to enhance mobility at the local, state, multi-state, and national level. Also, it will begin to seek ways to implement the goals of the freight plan and begin a system to monitor changes along the freight corridors identified by the plan.

22.08.01 – Delaware Statewide Truck Parking Study

The purpose of this task is to provide consultant resources for analyzing truck parking locations and utilization throughout the state of Delaware. The study will have an emphasis on overnight truck parking/staging concerns. The tasks will include:

- National policy overview
- Documenting existing conditions
- Observational data review/hotspot analysis
- Estimate future demand
- Policy & Project recommendations

22.08.02 - Impacts/Benefits Analysis of Truck Access Improvements in the Port of Wilmington Area.

The purpose of this task is to provide consultant resources to perform a technical analysis on the impacts and benefits to various possible road improvements in the area around the Port of Wilmington. This task provides consultant resources for additional technical analyses of potential projects along the Route 9 corridor near the Port of Wilmington.

22.08.03 - First/Final Mile Freight Network Development

The purpose of this task is to refine a more comprehensive statewide first/final mile roadway inventory to help further an understanding of the locations, roles, needs, and importance of the area's first/last mile facilities. These facilities often include lesser routes (i.e., collectors or local roads versus interstates or arterials) on which freight/passenger vehicle conflicts and negative public perception of truck traffic may be much greater while regular maintenance activities, geometric design standards, or the potential for roadway or safety improvement priorities may be much lower. This task will refine the existing work performed by WILMAPCO, examine their current conditions and functionality, and develop policy and project/programming recommendations

22.08.04 – Delaware Statewide Freight Plan Update

The purpose of this task is to support DelDOT efforts to develop an update to the 2017 Statewide Freight Plan. Per FAST-Act requirements, DOTs will develop (and update) plans in consultation with State DOTs, MPOs, and other appropriate public and private transportation stakeholders.

\$50,000 is budgeted for consultant support.

SCHEDULE: FY 2022

TASK TYPE: Recurring

PUBLIC PARTICIPATION: Meetings with freight transport companies, as well as public meetings and the annual freight summit and subsequent task for meetings, will be held throughout the goods movement planning process to ensure that the significant issues for both the private and public sectors are addressed. Updates and information on this task will be made available at the PAC, TAC, and WILMAPCO Council meetings, and upon request.

BENEFIT: The examination of the economic and safety impacts of goods movement will allow WILMAPCO planners to better understand both the economic and safety impacts surrounding trucks that travel the region's roadways, as well as freight rail, barge and pipeline. By evaluating mode and route choices, WILMAPCO can formulate a means of improving the efficiency and effectiveness of the overall goods movement system in the region.

ADMINISTRATOR: *Daniel Blevins, Principal Planner, Jacob Thompson, Transportation Planner, William Swiatek, Principal Planner*

PARTICIPANTS: WILMAPCO Staff, member agencies, DVRPC

TOTAL COSTS:

Resource Allocation	WILMAPCO		\$114,450
	IN KIND SERVICES		\$597
	CONSULTANT		\$50,000
	TOTAL		\$165,047
Cost Allocation	Cash Share	In Kind	Total
FHWA DE	\$99,411	\$0	\$99,411
FTA DE	\$25,646	\$0	\$25,646
FHWA MD	\$5,154	\$0	\$5,154
FTA MD	\$1,805	\$0	\$1,805
Delaware	\$28,322	\$0	\$28,322
Maryland	\$870	\$0	\$870
New Castle County	\$2,140	\$0	\$2,140
Cecil County	\$299	\$597	\$896
City of Wilmington	\$802	\$0	\$802
TOTALS	\$164,450	\$597	\$165,047

MPO 22.09 – REGIONAL COORDINATION

OBJECTIVE AND TASK DESCRIPTION: To promote the coordination of government and agency planning and programming activities, and to address policy issues that are important to the efficient operation of the transportation system in the WILMAPCO region, WILMAPCO serves as a forum for discussion, policy development, and regional coordination on key issues. Staff acts to provide forums and facilitate discussion of regional issues that might not otherwise occur given different state, local, and agency jurisdictions in the region. To address transportation issues that are generated by transportation investments, growth patterns, and policy changes outside of the WILMAPCO region, WILMAPCO serves to promote coordination with bordering governments and regional planning agencies. Regular coordination promotes awareness and education on regional transportation system and growth issues and encourages the development of multi-regional policies and solutions that are required to address significant regional issues.

22.09.01 – Intra-Regional Coordination

ADMINISTRATOR: Tigist Zegeye, Executive Director and Staff

Transportation issues having impacts on both counties in the region may be raised from time to time. These issues will be identified and studied, and recommendations will be developed to address the issues and/or an action plan will be recommended.

22.09.02 – Inter-Regional Agency Coordination

ADMINISTRATOR: Tigist Zegeye, Executive Director, Daniel Blevins, Principal Planner, Jacob Thompson, Senior Transportation Planner

To promote ongoing coordination between planning agencies, municipalities, environmental agencies and transportation departments adjacent to and impacting the WILMAPCO region, WILMAPCO staff will regularly pursue coordination opportunities with appropriate agencies. This will include the sharing of information on work programs, coordination meetings on cross border studies and other issues, and the review and discussion of regional transportation planning issues. Information regarding the transportation plans and activities of adjacent MPOs and other transportation planning commissions or organizations will be gathered and reviewed in order to determine its impact, if any, relative to plans in place for the WILMAPCO region as part of an update to the Inter-Regional report. This work also supports FHWA'S Every Day Counts goals for regional models of cooperation.

22.09.03 – Livability and Sustainability Initiatives

ADMINISTRATOR: Tigist Zegeye, Executive Director, William Swiatek, Principal Planner, Jacob Thompson, Senior Transportation Planner, Randi Novakoff, Outreach Manager

Staff will coordinate with agencies both within and beyond its borders to address growing concerns surrounding livable communities, linking health and transportation, and environmental sustainability. Beyond our sea-level rise transportation vulnerability assessment, this work includes collaboration to advance the goals of the Partnership for Sustainable Communities and our continued support in efforts to promote livability, sustainability, and the reduction of greenhouse gas emissions. Specific work includes supporting coordinated community development efforts and the development of the region's electric vehicle public infrastructure. Staff also participates in coalitions working to advance community health and safety including Healthy Kids Delaware, the Safe Kids Coalition, Healthy Communities Delaware, Wilmington Health Planning Council, Resilient and Sustainable Communities League, the Northeast COG/MPO Coalition aiming to support the Transportation and Climate Initiative, and the Delaware Clean Cities Coalition.

22.09.04– Other

ADMINISTRATOR: Tigist Zegeye, Executive Director

Other regional coordination tasks as identified.

OUTCOME AND FINAL PRODUCT: The development of a statement of issues, impacts, and conclusions, recommendations for further study, and an action plan to pursue resolution of identified issues, impacts and recommendations.

SCHEDULE: FY 2022

TASK TYPE: Recurring as issues are identified.

PUBLIC PARTICIPATION: Updates and information on this task will be made available at the PAC, TAC, and WILMAPCO Council meetings, and upon request. In addition, specialized public outreach may occur if deemed appropriate.

BENEFIT: The task allows WILMAPCO to address a bi-state and regional coordination issue affecting the

transportation system and regional economic development and equity issues.

PARTICIPANTS: WILMAPCO Staff, member agencies, local officials

TOTAL COSTS:

Resource Allocation	WILMAPCO		\$109,236
	IN KIND SERVICES		\$570
	CONSULTANT		\$0
	TOTAL		\$109,806
Cost Allocation	Cash Share	In Kind	Total
FHWA DE	\$66,034	\$0	\$66,034
FTA DE	\$17,035	\$0	\$17,035
FHWA MD	\$3,424	\$0	\$3,424
FTA MD	\$1,199	\$0	\$1,199
Delaware	\$18,813	\$0	\$18,813
Maryland	\$578	\$0	\$578
New Castle County	\$1,422	\$0	\$1,422
Cecil County	\$199	\$570	\$769
City of Wilmington	\$532	\$0	\$532
TOTALS	\$109,236	\$570	\$109,806

MPO 22.10 – RTP IMPLEMENTATION

The WILMAPCO 2050 Regional Transportation Plan (RTP), adopted on March 7, 2019, identifies the region's long-term transportation needs and the projects and activities which seek to address them. The RTP extends at least two decades into the future, and the projects it calls for are financially reasonable and meet air quality standards.

The Goals and Objectives arrived at by consensus through the long-range plan updates are:

❖ Support Sustainable Economic Development and Goods Movement

➤ Objectives:

- Maximize our Investments
- Develop Effective Transportation networks
- Plan for Energy Security and Resilience

❖ Efficiently Transport People

➤ Objectives:

- Improve System Performance
- Promote Accessibility and Connectivity
- Engage the Public Via an Open Involvement Process

❖ Improve Quality of Life

➤ Objectives:

- Protect the Public Health and Safety
- Promote Active Transportation
- Ensure Transportation Choice and Equity
- Preserve Natural and Cultural Resources

OUTCOME AND FINAL PRODUCT: Implemented actions that will help to achieve the goals of WILMAPCO's 2050 RTP.

SCHEDULE: FY 2022

TASK TYPE: Non-Recurring

PUBLIC PARTICIPATION: The task involved outreach to the members of the general public, through regular occurring and additional public outreach forums.

BENEFIT: Implementation of these actions assisted WILMAPCO in evaluating policy required to fully implement the RTP and engaged key stakeholders in a necessary discussion of public policy and planning tools for the region.

ADMINISTRATOR: Tigist Zegeye, Executive Director and Staff

PARTICIPANTS: WILMAPCO Staff, member agencies, local officials, general public, other stakeholder groups

TOTAL COSTS:

Resource Allocation	WILMAPCO		\$98,876
	IN KIND SERVICES		\$516
	CONSULTANT		\$0
	TOTAL		\$99,392
Cost Allocation	Cash Share	In Kind	Total
FHWA DE	\$60,629	\$0	\$60,629
FTA DE	\$14,445	\$0	\$14,445
FHWA MD	\$3,160	\$0	\$3,160
FTA MD	\$1,152	\$0	\$1,152
Delaware	\$16,986	\$0	\$16,986
Maryland	\$539	\$0	\$539
New Castle County	\$1,297	\$0	\$1,297
Cecil County	\$181	\$516	\$697
City of Wilmington	\$486	\$0	\$486
TOTALS	\$98,876	\$516	\$99,392

MPO 22.11 – SUBREGIONAL STUDIES AND COORDINATION

This task allows for the coordination of transportation and land use planning activities by working with local and state governments and community groups. WILMAPCO either takes the lead or participates in the development and scoping of a variety of plans and studies that further the implementation of the RTP. Studies we expect to administer during fiscal year 2021 include the following:

22.11.01 – Safe Routes to Schools Planning Assistance

OBJECTIVE AND TASK DESCRIPTION: This project will facilitate and promote the safe travel of children to school, particularly by foot and bicycle. WILMAPCO will work with DOTs to publicize the program and to identify potential schools and will coordinate with schools and DOTs to examine existing and potential routes to school and identify deficiencies in the network that discourage safe walking and biking. Strategies to remedy these deficiencies (sidewalks, speed reduction, pedestrian and bicycle crossing improvements, bikeways, etc.) will be identified. WILMAPCO will work with the state DOTs, counties, municipalities, and school districts to design, program and implement public infrastructure improvements in tandem with bicycle and pedestrian safety education programs.

OUTCOME AND FINAL PRODUCT: Work will assist schools in developing needed plans to apply for Safe Routes to School implementation funding.

SCHEDULE: FY 2022

TASK TYPE: Non-recurring

PUBLIC PARTICIPATION: School children, parents, school districts and staff, state DOTs, municipalities, residents, transportation agencies and operators.

BENEFIT: To improve travel safety, reduce traffic congestion, improve air quality, reduce school transportation costs, and promote healthy, active living.

ADMINISTRATOR: *Randi Novakoff, Outreach Manager, William Swiatek, Principal Planner, Jacob Thompson, Senior Transportation Planner*

22.11.02 – Scenic and Historic Byways Planning Assistance

OBJECTIVE AND TASK DESCRIPTION: WILMAPCO, in partnership with DeIDOT, MDOT, New Castle County, Cecil County and the local scenic byway development committees, will assist with the Scenic Byway designation process by providing technical and public outreach assistance.

OUTCOME AND FINAL PRODUCT: The final products will be reports detailing resources in the corridors and characterizing the threats endangering the long-term viability of these important resources. This will include a review of zoning and land use plans for future growth, identification of current and future local and state planned infrastructure investments and transportation level of service.

SCHEDULE: FY 2022

TASK TYPE: Non-recurring

PUBLIC PARTICIPATION: These studies will require extensive public involvement. WILMAPCO and its partners will seek the input of residents, business owners, environmental and historic preservation organizations, and tourist attractions in the corridors as well as other interested stakeholders. WILMAPCO seeks public involvement by publicizing workshops and meetings. The publicity includes notices in area newspapers, flyers posted at area libraries, and direct mailings to interested groups, civic associations, individuals, and others.

BENEFIT: These studies will help to implement the RTP strategies to preserve natural and historic resources, improve commerce, and link land use and transportation.

ADMINISTRATOR: *Heather Dunigan, Principal Planner, Randi Novakoff, Outreach Manager*

PARTICIPANTS: WILMAPCO staff, the Scenic Byway Management Committees established for each targeted scenic byway, New Castle County, DeIDOT, Cecil County, MDOT

22.11.03 – Walkable Community Workshop Program

OBJECTIVE AND TASK DESCRIPTION: Walkable Community Workshops are interactive events that focus attention on making communities safer and easier to walk in. Workshops will provide information on how we can turn our communities into the kind of pedestrian-friendly places we all like to experience.

OUTCOME AND FINAL PRODUCT: During workshops, participants will learn about the elements of a walkable community and solutions to common issues. Instructors then lead a walking tour of the study area and emphasize seeing the community from the perspective of a pedestrian. Participants identify specific measures to improve conditions for pedestrians and priority actions they can take to create a more walkable community.

SCHEDULE: FY 2022

TASK TYPE: Non-recurring

PUBLIC PARTICIPATION: Any city, town, unincorporated community, or corridor where people want a safer, more attractive route for walking. Workshops bring together residents, elected officials, advocates, public agency staff, public health practitioners, educators, planners and engineers.

BENEFIT: Educate community leaders about the needed tools to advocate and plan for walkable communities

ADMINISTRATOR: Heather Dunigan, Principal Planner, William Swiatek, Principal Planner, Randi Novakoff, Outreach Manager, Jacob Thompson, Senior Transportation Planner

22.11.04 – Coordination with the Maryland Department of Transportation (MDOT)

1. Maryland I-95 Corridor Study

WILMAPCO STAFF PARTICIPANT: Tigist Zegeye, Executive Director

Staff will participate in an analysis of transportation needs including roadway pricing/value pricing alternatives for I-95 in Cecil County. MDOT contact: Tyson Byrne

2. MARC Commuter Rail Service Extension Ridership Analysis

WILMAPCO STAFF PARTICIPANT: Dave Gula, Principal Planner

Staff will provide assistance to update the commuter ridership model to show past trends in ridership, current ridership, and projected ridership and will take into account county to county workflow and rail use potential that may be affected by lack of parking. The project will also analyze the full market, both north and south bound, and will be expanded to assume Baltimore and Philadelphia as endpoints.

22.11.05 – Coordination with the Cecil County

1. Cecil County Transit Coordination

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner, Dave Gula, Principal Planner

Working as a member of the Cecil County Transit Coordinating Council, staff assists with analysis to assist with transit planning and development in Cecil County. Work includes participation in the Transit Development Plan (TDP), a five-year guide that identifies needed transit services and facilities.

2. Cecil County Strategic Highway Safety Plan (SHSP)

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner

Staff will assist Cecil County in the development, evaluation, and updating of the SHSP. Developed by a committee of local, state, regional, and federal agencies, the SHSP identifies actions that can be taken at the local level to reduce the frequency and severity of motor vehicle crashes, including those involving bicyclists and pedestrians, which occur on roadways in Cecil County.

22.11.06 – Coordination with the City of Wilmington

1. Wilmington Initiatives Public Outreach and Management Assistance & Interagency Coordination

WILMAPCO STAFF PARTICIPANT: Tigist Zegeye, Executive Director, Dave Gula, Principal Planner

The City of Wilmington (City) plays a key role in the region to promote development of cost-effective and user-friendly transportation systems. Effective outreach and proper coordination are essential components in the process of developing workable solutions to transportation problems. Implementation of this work task will assist with achieving proper intergovernmental coordination and promoting meaningful public/private communication. In particular, this effort will focus on the budgetary status of various initiatives, as it relates to updating our long-range plan. A consultant will be retained to attend, coordinate, and provide timely follow-through in support of the various initiatives. Also, up-to-date public information materials will be developed to clearly summarize the status of the various transportation projects in the City, in support of the WILMAPCO Public Outreach program and efforts to address important Transportation Justice concerns and Access to Jobs issues.

Effective coordination of public outreach activities, in concert with the design development process of the Wilmington Initiatives committees (Management, Technical, Steering, and Partners), is essential to achieving the RTP goal of linking land use and transportation activities. The Wilmington Initiatives support a variety of cultural and economic

developments in an area where population and employment densities can support relatively cost-effective bus and rail transit. Inclusion of grass-roots public participation in the efforts to update the long-range plan will be critically needed to promote quality-of-life improvements, such as installing pedestrian-level street lighting to enhance safety and security, while allowing growth of street trees to reinforce the aesthetic and environmental assets of the City. A separate consultant will be retained to complete concept plans for smaller projects that are designed in concert with community input.

This study coordinates Wilmington's development strategies and provides the specific information needed to make the concepts in the WILMAPCO RTP work in practice. This task is a continuation of work begun in FY 1996.

Objectives of this element of the task are:

1. To provide a balance between the requirements for local and regional access within the corridor for all modes including walking, bicycling, transit and private vehicles
2. To promote economic development related to community objectives
3. To improve the visual quality of the corridors for residents, workers and visitors in keeping with community character
4. To enhance safety for all modes of travel and environmental quality within the corridors
5. To support coherent and viable neighborhoods in sync with other community goals
6. To assist in prioritizing transportation projects for the CTP and TIP

Participants include WILMAPCO Staff, City of Wilmington, DelDOT, DART, a Consultant and the Community. Coordination with other ongoing planning studies and design projects, such as the Citywide Environmental Enhancement projects conducted by the City and the Christina Waterfront Projects being conducted by DelDOT and RDC, will be an integral part of this task. **\$45,000 is budgeted for consultant support.**

2. I-95 Cap Feasibility Study

WILMAPCO STAFF PARTICIPANT: Tigist Zegeye, Executive Director, Dave Gula, Principal Planner

When I-95 was constructed through Wilmington in the mid-1960s it created a barrier between the downtown and the western part of the City. Nationwide, many cities are creating caps over highways and utilizing this found space for parks and recreational purposes, as well as other creative developments. WILMAPCO will work in partnership with DelDOT and the City of Wilmington to explore the feasibility of creating a "cap" over the section(s) of I-95 that are below grade within Wilmington between Delaware Avenue and 6th Street. Public outreach will be a crucial element as there is already a grassroots movement in Wilmington to convert vehicular bridges over I-95 into pedestrian spaces. Staff will lead the study, and provide technical guidance and support to partners as concepts are explored to provide new connections between neighborhoods that were divided when the highway was constructed.

\$100,000 is budgeted for consultant support.

3. Neighborhood Planning Support

WILMAPCO STAFF PARTICIPANT: William Swiatek, Principal Planner, and Dave Gula, Principal Planner, Randi Novakoff, Outreach Manager

Staff will provide technical guidance and support on neighborhood planning and community development efforts across the City of Wilmington including supporting the South Wilmington Planning Network (SWPN), Westside Grows Together, Eastside Rising, the Wilmington Community Advisory Council, and other neighborhood planning efforts. This year staff are supporting the update to the Southbridge Neighborhood Plan.

4. Union St Reconfiguration and Streetscapes Improvement Study

WILMAPCO STAFF PARTICIPANT: Dave Gula, Principal Planner

The Union Street Rapid Configuration Project resulted in the reduction of lanes between SR 52 (Pennsylvania Avenue) and Sycamore Street from 3 to 2, while reconfiguring existing left-side parallel parking to back-in angle parking with an adjacent bicycle lane. This project was intended as an interim step to the final design as it was mainly a re-striping effort which limited changes to the left travel and curb lanes, with limited curb ramp and crosswalk additions.

This UPWP study will result in a preferred configuration that is optimal to support future land use and transportation needs. Union Street has been designated as a "Main Street Corridor" in the City of Wilmington's 2028 Comprehensive Plan (July 2019).

- 1) Evaluate the design and operations of the Union Street corridor between Pennsylvania Avenue and Sycamore Street. The current configuration is the result of the 2017 Union Street Rapid Reconfiguration, a joint DelDOT, City of Wilmington, WILMAPCO and community project.

- 2) Lead a community driven design process to develop a long-term vision for the Union Street corridor, which could be implemented as a DelDOT Capital Project. After community input has been received, the WI agency partners will finalize the design concept plans. The final concept will determine the optimal configuration for amenities for pedestrians, bicycle and transit users, travel lanes and vehicle parking.
- 3) Design a concept, begin project development, create cost estimates and begin NEPA Planning & Environmental Linkage (PEL) studies for the preferred vision for Union Street.

This project is being coordinated with a Two-way Traffic Study for Union Street that is being led and funded by the City of Wilmington Public Works Department.

22.11.07– Coordination with the City of Newark

1. Newark Regional Transportation Center

WILMAPCO STAFF PARTICIPANT: Dave Gula, Principal Planner

WILMAPCO will work with DelDOT in partnership with DTC, the City of Newark, New Castle County, Norfolk Southern, Amtrak and the University of Delaware to use the TIGER IV grants funds to: 1) Complete the design for NRTC, creating the optimal solution for passenger and freight train operations at the existing Newark Train Station, and while keeping in context with the 272-acre UD STAR Campus; 2) Complete the engineering to 100%; and 3) Construct the NRTC while allowing for continuous passenger and freight operations at the existing facility. WILMAPCO is the Grant co-applicant and DelDOT is the co-applicant and Project Manager for the construction. The team of Whitman, Requardt and Associates and WSP has been retained as the consultant for the project. They will work with DelDOT and WILMAPCO to complete the design, complete the engineering to 100% and manage the construction to project completion. They will also assist in coordinating with the project stakeholders and developing the stakeholder MOAs. This project is scheduled for completion in April 2023. The budget for the project is \$59,900,000 and is derived from the TIGER IV Planning Grant (\$10,000,000), federal formula funds (\$10,000,000) and the local matching funds (\$39,900,000).

2. Newark Bicycle Planning

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner

Staff partners with the City of Newark, DelDOT, University of Delaware, Newark Bike Project and BikeNewark to promote comprehensive bicycle planning that addresses infrastructure, education, safety and enforcement, encouragement programs, and evaluation. Current initiatives include planning for Delaware Avenue Protected Bicycle Lane, wayfinding planning, bicycle safety checkpoints, and event planning including bike to workday and First Friday Rides.

3. City of Newark Transportation Improvement District (TID) Planning

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner

Staff will partner with the City of Newark, DelDOT and other stakeholders to develop TID that includes a land use and transportation plan, a set of buildable transportation projects, a fee formula to subsidize the improvements, and a monitoring program to track the need for the projects.

22.11.08 – Coordination with New Castle County and DelDOT/DTC

1. Churchmans Crossing Plan Update

WILMAPCO STAFF PARTICIPANT: Daniel Blevins, Principal Planner, Dave Gula, Principal Planner

The initial Churchmans Crossing Study was a joint effort by DelDOT, New Castle County and WILMAPCO to develop a land use/transportation vision for this important area. The land use and transportation recommendations provide a planning guide for this growth area over the next 25 years, including process and design guidelines. The study and its recommendations were adopted by the WILMAPCO Council into the 2020 Metropolitan Transportation Plan on September 11, 1997 and subsequently into the 2030 RTP. To account for the uncertainty as to when development will actually occur, the study provides performance indicators that DelDOT, New Castle County and WILMAPCO have been monitoring closely to determine when and which projects should be implemented. This task will update the original 1997 Plan.

22.11.09 – Coordination with the municipalities and unincorporated communities

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner

WILMAPCO assist municipalities and unincorporated communities on planning activities including assistance with comprehensive development plans, transportation plans, public outreach, data and mapping, and master planning.

1. City of New Castle Transportation Plan Update

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner and Jake Thompson, Senior Transportation Planner

This Plan will update the 1999 *City of New Castle Transportation Plan* and will further analyze issues raised in the *City of New Castle Comprehensive Development Plan*. The study area includes the entire municipality and will also consider transportation transitions to surrounding areas within New Castle County as appropriate. The purposes of this Plan are to:

- Improve the multimodal transportation network, provide connectivity to communities and trails, enhance health and livability, reduce illegal truck traffic, and improve safety.
- Address flooding and sea-level rise impacts on land use and access to major transportation corridors.
- Improve gateways to the historic city.
- Develop a shared-parking analysis.

22.11.10 – Other

ADMINISTRATOR: Tigist Zegeye, Executive Director

Other sub-regional study coordination tasks as identified.

OUTCOME AND FINAL PRODUCT: Recommendations for implementation and RTP, TIP and UPWP amendments, where appropriate.

SCHEDULE: FY 2022

TASK TYPE: Non-recurring

PUBLIC PARTICIPATION: The study process requires extensive public involvement. Although the Steering Committees for various studies and planning efforts represent the public and it is involved in the evaluation and recommended selection of strategies, we cannot understate the role of individual members of the public, particularly those most affected by the recommendations. We also conduct legislative briefings for area elected officials.

WILMAPCO seeks public involvement by publicizing workshops and meetings. The publicity includes notices in area newspapers, flyers posted at area libraries, and direct mailings to interested groups, civic associations, individuals, and others. The members of Steering Committees have also taken responsibility of informing those individuals they represent of upcoming opportunities for public comment.

BENEFITS: Coordinated transportation and land use plans for our communities, supports WILMAPCO's goals and implements the 2050 RTP. Particularly, these studies and plans will link land use and transportation and seek to improve quality of life, strengthen our existing communities and improve intergovernmental relations between the state and local levels of government.

PARTICIPANTS: Each major WILMAPCO study is directed in partnership by Management Committees of Senior officials from WILMAPCO, DOT(s), County (ies), and affected municipalities. The Management Committee responsibilities include overall direction and management of the work effort. A Technical Committee, made up of staff planners and engineers from the above agencies, provides technical review of all study data and products. The Technical Committee also provides input and carries out technical analysis as requested by the Management Committee. The Steering Committees include civic association representatives, residents, builders and developers, businesses, area elected officials, Transportation Management Association of New Castle County, and other interested groups. The steering committee provides input to the study process at periodic meetings and review materials for public workshops and meetings before such events. Smaller studies may include a smaller participating and management structure.

Other responsible member agencies, as noted above, will determine their own study process and participants.

TOTAL COSTS:

Resource Allocation	WILMAPCO		\$196,148
	IN KIND SERVICES		\$1,024
	CONSULTANT		\$145,000
	TOTAL		\$342,172
Cost Allocation	Cash Share	In kind	Total
FHWA DE	\$206,227	\$0	\$206,227
FTA DE	\$53,202	\$0	\$53,202
FHWA MD	\$10,692	\$0	\$10,692
FTA MD	\$3,745	\$0	\$3,745
Delaware	\$58,754	\$0	\$58,754
Maryland	\$1,805	\$0	\$1,805
New Castle County	\$4,440	\$0	\$4,440
Cecil County	\$620	\$1,024	\$1,644
City of Wilmington	\$1,663	\$0	\$1,663
TOTALS	\$341,148	\$1,024	\$342,172

MPO 22.12 – TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

OBJECTIVE AND TASK DESCRIPTION: Provides for the amendment of the FY 2020-2023 TIP and development of the FY 2023-2026 TIP. The TIP is the agreed upon list of priority projects for the region and signifies a consensus of what is expected to be built or carried out with estimated costs and schedules. It is based on available funding and works toward achieving regional goals for healthier air quality. The TIP will be developed according federal requirements of Fixing America's Surface Transportation Act or "FAST Act" and 49 U.S.C. 5303(j), in cooperation with Maryland and Delaware departments of transportation and public transit providers.

Developing the Transportation Improvement Program Process and Schedule – Summary	
2021	<ul style="list-style-type: none">Update project prioritization process to align with the 2050 RTP and other planning documents.
April-May	<ul style="list-style-type: none">Staff develops technical score based upon adopted prioritization criteriaTAC proposes project prioritizationAir Quality Subcommittee reviews project listCouncil reviews community and committee comments and votes on proposed rankingRanked project listing to submitted DelDOT
August	<ul style="list-style-type: none">Joint public workshop with DelDOT
2022	
January-March	<ul style="list-style-type: none">TIP & Air Quality Conformity released for public commentTIP Public WorkshopRevise TIP based on public commentsPAC/TAC recommendation for adoptionCouncil adoption of TIP
<u>Amending the TIP – Summary</u>	
The TIP is amended each year following the approval of matching funds through the Bond Bill, as well as when needed throughout the year due to project changes. Many amendments necessitate additional public outreach.	
July-September	<ul style="list-style-type: none">TIP & Air Quality Conformity released for public comment July– SeptemberTIP Public MeetingRevise TIP based on public commentsTAC/PAC recommendation for adoptionCouncil adoption of TIP as amended
Amend as needed	<ul style="list-style-type: none">Public comment period extending at least 30 days will be scheduled with amendments as needed.

OUTCOME AND FINAL PRODUCTS: Implementation of projects in the Regional Transportation Plan via the TIP. A TIP that is consistent with the 2050 RTP and reflects the transportation needs of the region.

SCHEDULE: The FY 2023-2026 TIP will be completed in March 2022 for approval by the WILMAPCO Council and forwarded to FHWA, FTA, EPA, DelDOT and MDOT.

TASK TYPE: Recurring

PUBLIC PARTICIPATION: WILMAPCO will hold at least two public meetings at different stages of the TIP development: (1) to present a candidate list of new projects and (2) to present a final draft TIP. WILMAPCO will also advertise a 30-day public notice for the draft TIP and air quality conformity analysis.

BENEFIT: A four-year document that provides the program for the implementation of the Regional Transportation Plan.

ADMINISTRATOR: Tigist Zegeye, Executive Director, Heather Dunigan, Principal Planner, Jacob Thompson, Senior Transportation Planner

PARTICIPANTS: Public, WILMAPCO, Member Agencies

TOTAL COSTS:

Resource Allocation	WILMAPCO		\$69,755
	IN KIND SERVICES		\$364
	CONSULTANT		\$0
	TOTAL		\$70,119
Cost Allocation	Cash Share	In Kind	Total
FHWA DE	\$42,167	\$0	\$42,167
FTA DE	\$10,878	\$0	\$10,878
FHWA MD	\$2,186	\$0	\$2,186
FTA MD	\$766	\$0	\$766
Delaware	\$12,013	\$0	\$12,013
Maryland	\$369	\$0	\$369
New Castle County	\$908	\$0	\$908
Cecil County	\$127	\$364	\$491
City of Wilmington	\$340	\$0	\$340
TOTALS	\$69,755	\$364	\$70,119

MPO 22.13 – MONITORING OF SUBREGIONAL STUDIES

OBJECTIVE AND TASK DESCRIPTION: To work with member agencies and the public to develop and coordinate the implementation of adopted transportation and comprehensive development plans that are significant to the region in the attainment of the goals of the 2050 Regional Transportation Plan. Under this task, WILMAPCO staff provides member agencies technical or coordination assistance as requested by the implementing agency. The implementing agency will take the lead role in the specific sub-tasks described below.

WILMAPCO tracks the extent of the implementation of these prior studies through the Regional Progress Report (www.wilmapco.org/regional-progress-report). Completed subregional study reports may be found at www.wilmapco.org/plans-and-reports or are available by contacting WILMAPCO.

22.13.01 – City of New Castle

1. City of New Castle Comprehensive Plan Update

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner, William Swiatek, Principal Planner

Staff will work with the City of New Castle to implement elements of the Comprehensive Plan update.

22.13.02 – Mobility Friendly Design Standards

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner, Daniel Blevins, Principal Planner

Mobility Friendly Design Standards have been completed in Middletown, Chesapeake City, Rising Sun, Perryville, Port Deposit, Cecilton and North East. Staff will work with these towns, community leaders, and member agencies to implement their mobility friendly design standards.

22.13.03 – City of Newark Planning

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner, Dave Gula, Principal Planner

Staff will continue to work with involved member agencies to implement the short -and long-term recommendations of the Newark plans, including monitoring implementation of the Cleveland Avenue Task Force, Newark Traffic Calming Plan, Newark Transportation Plan, Newark Transit Study, and Newark Bicycle Plan. Staff will also serve on the Newark Traffic Committee.

1. Newark Sustainability Plan

WILMAPCO STAFF PARTICIPANT: Bill Swiatek, Principal Planner

WILMAPCO will support the City of Newark's efforts to implement its Sustainability Plan. The plan identified actions Newark can reduce its carbon footprint. These include advancing cleaner forms of transportation and establishing better land redevelopment practices.

2. Newark-Area Transit Study

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner

Project collected and analyzed data and conducted public outreach to assess and improve transit services and coordination in Newark. Working with DTC, City of Newark, Cecil Transit and the University of Delaware, the plan recommended improved route design, timing/scheduling changes, and other recommendations to improve transit operations and service in the Newark area.

22.13.04 – Centreville Village Plan

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner

Staff will work with the Centreville Civic Association, DelDOT and New Castle County to assist with implementation of the Centreville Village Plan. Staff will also complete ongoing evaluation of the effectiveness of the Plan, as outlined in the TCSP grant.

22.13.05 – East Coast Greenway

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner

Staff will work with the Nonmotorized Transportation Working Group to coordinate greenway planning efforts between Delaware and Maryland and assist with implementation of the East Coast Greenway route. Staff provides guidance regarding trail designation through our membership on the East Coast Greenway Alliance Greenway Committee.

22.13.06 – New Castle County

1. SR 141 Corridor 20 Year Transportation Plan & TOD Analysis

WILMAPCO STAFF PARTICIPANT: Daniel Blevins, Principal Planner, David Gula, Principal Planner

Staff worked with the County and its planning partners to create a 20-year land use plan based on existing and future land use development within the corridor. The first phase of this project was completed in FY 2017. Staff will be

involved in future phases when requested by planning partners.

2. Glasgow Avenue Main Street Study

WILMAPCO STAFF PARTICIPANT: David Gula, Principal Planner, Daniel Blevins, Principal Planner

This was a comprehensive study to improve the appearance and functionality along Glasgow Avenue that will encourage more non-motorized trips and better connectivity. WILMAPCO will work with NCC, DeIDOT, and area stakeholders on implementation efforts.

3. Red Clay Valley Scenic Byway – Design Standards Overlay District

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner, Randi Novakoff, Outreach Manager

Staff worked with the County and its planning partners to create a scenic corridor zoning overlay and design standards, which was completed in 2016. Staff will assist New Castle County and the Red Clay Valley Scenic Byway as they work to implement the standards and the byway's Corridor Management Plan.

4. New Castle County Greenway Plan

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner

WILMAPCO, in partnership with DeIDOT, New Castle County, DE State Parks, and local government will coordinate to implement the New Castle County Greenway Plan for pedestrian and bicycle pathways throughout New Castle County. This plan complements the DeIDOT Bicycle Plan, which addresses on road connections, and the DeIDOT Pedestrian Plan, which is in development. The Plan identified existing and potential multi-use connections, emphasizing a network of side paths and greenways with proposed actions and policies to promote their implementation.

5. North Claymont Area Master Plan – Monitoring Support

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner, Dave Gula, Principal Planner

The North Claymont Area Master Plan was adopted in 2017 and included an implementation plan detailing additional actions to be undertaken by WILMAPCO and the planning partners. As outlined in the Plan's implementation section, staff will work with the partners—the Monitoring Committee-- to monitor plan implementation, facilitate planning for the development of a mixed-use, walkable transit hub, promote completion of the East Coast Greenway through the area, assist with development of a TID or other infrastructure cost sharing mechanism, assist with planning transit service changes, incorporate recommendations into the RTP, TIP and other documents, and promote completion of other recommendations as the area develops. **\$35,000 is budgeted for consultant support.**

6. Route 9 Corridor Transportation and Land Use Master Plan

WILMAPCO STAFF PARTICIPANT: William Swiatek, Principal Planner, Jacob Thompson, Senior Transportation Planner

In 2017 WILMAPCO developed a Master Plan for the Route 9 Corridor just south of Wilmington. Staff will continue to provide technical assistance to our local civic and agency partners to help realize the implementation of this plan. This includes organizing Route 9 Monitoring Committee meetings, supporting the prioritization of local transportation projects, conducting outreach, and providing general support as needed for the plan's implementation.

Route 9 Corridor Master Plan – Monitoring Support

This project provides consultant support to monitor changing transportation and land use patterns along Route 9, between the cities of Wilmington and New Castle, to support implementation efforts of the Route 9 Corridor Master Plan. Land development activity and trends will be profiled, along with average daily vehicle traffic, truck traffic (including movement trends along restricted roadways), intersection level of service, crashes, bus ridership and service changes, the status of both transportation and land use projects called for in the Master Plan, and a profile of other relevant area planning and project efforts. The project, guided by input from the Route 9 Monitoring Committee, will culminate in a published report. **\$35,000 is budgeted for consultant support.**

7. US 202 20 Year Land Use and Transportation Plan – Monitoring Support

WILMAPCO STAFF PARTICIPANTS: Dan Blevins, Principal Planner and Dave Gula, Principal Planner

The objective of the US 202 corridor Master Plan was to develop a corridor master plan to recommend physical improvements and governmental policies regarding transportation and land use. The result was to provide an environment to redevelop as a high-quality and attractive multi-modal corridor with provisions for future mixed-use land development with walkability, bikeability and place-making.

This project provides consultant support to monitor changing transportation and land use patterns along Concord Pike, between the city of Wilmington and the DE/PA State Line, to support implementation efforts of the Concord Pike Corridor Master Plan. Land development activity and trends will be profiled, along with average daily vehicle traffic, truck traffic, intersection level of service, crashes, bus ridership and service changes, the status of both transportation

and land use projects called for in the Master Plan, and a profile of other relevant area planning and project efforts. The project, guided by input from the Monitoring Committee, will culminate in a published report. Participants include WILMAPCO, NCC Land Use, DelDOT, DTC and a consultant.
\$49,000 is budgeted for consultant support.

8. Southern New Castle County Master Plan - Monitoring Support

WILMAPCO STAFF PARTICIPANTS: Dan Blevins, Principal Planner and Dave Gula, Principal Planner

The objective of the Southern New Castle County Master Plan was to develop a plan for the area south of the C&D Canal, that informs development and preservation decisions, recommended physical improvements and governmental policies regarding transportation and land use for Southern New Castle County, as implemented through the New Castle County Comprehensive Plan. The end result was to provide an environment to allow for growth and development with mixed-use land development with walkability, bikeability and place-making, while preserving natural and agricultural resources and assets.

This project provides consultant support to monitor changing transportation and land use patterns in Southern New Castle County and to support implementation efforts of the Master Plan. Land development activity and trends will be profiled, along with average daily vehicle traffic, truck traffic, intersection level of service, crashes, bus ridership and service changes, the status of both transportation and land use projects called for in the Master Plan, and a profile of other relevant area planning and project efforts. The project, guided by input from the Monitoring Committee, will culminate in a published report.

Participants include WILMAPCO, NCC Land Use, DelDOT, DTC and a consultant.

\$10,000 is budgeted for consultant support.

9. Churchmans Crossing Plan Update - Monitoring Support

WILMAPCO STAFF PARTICIPANT: Daniel Blevins, Principal Planner, Dave Gula, Principal Planner

This project provides consultant support to monitor changing transportation and land use patterns in the Churchmans Crossing area. The project, guided by input from the Monitoring Committee, will culminate in a published report.

\$35,000 is budgeted for consultant support.

10. Governor Printz Boulevard Corridor Study – Monitoring Support

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner

The study identified and assessed the feasibility of multimodal transportation projects to accommodate current and future transportation and land use needs, including roadway, transit, and nonmotorized travel including the East Coast Greenway. Staff will work with a Monitoring Committee to track existing conditions and further assess multimodal improvements recommended in the Study.

\$35,000 is budgeted for consultant support.

11. New Castle County Bicycle Plan

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner

WILMAPCO, New Castle County, municipalities and other stakeholders developed an accompanying New Castle County Bicycle Plan to support implementation of the 2018 Blueprint for a Bicycle-Friendly Delaware. WILMAPCO will monitor existing conditions and proposed projects from other local, county, regional and state plans and work with agencies, local governments and stakeholders to support the Plan's implementation.

22.13.07 – Delaware City Transportation Plan

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner, William Swiatek, Principal Planner

The Plan identified and made recommendations to address the community's transportation concerns and recommended enhancements to the transportation system. WILMAPCO will continue to coordinate with DelDOT, Delaware City and DTC to support its implementation.

22.13.08– Delaware Department of Transportation and Delaware Transit Corporation

1. Route 40 Corridor Improvements

WILMAPCO STAFF PARTICIPANT: Daniel Blevins, Principal Planner, Dave Gula, Principal Planner

The Route 40 Corridor Improvements Project was initiated by DelDOT in partnership with New Castle County and WILMAPCO in September 1998. The Route 40 Corridor 20-Year Transportation Plan was completed on June 19, 2000 and was adopted by the Steering Committee. The final step of the project, now underway, is the implementation of the Plan recommendations. As part of this step a Corridor Monitoring Committee was created in order to assure that all projects in the Plan are implemented as conditions dictate – neither prior to the anticipated need, nor subject to unnecessary delay after need is identified. Staff is participating as a member of the Committee and providing assistance to the effort.

2. Tyler McConnell Bridge

WILMAPCO STAFF PARTICIPANT: Daniel Blevins, Principal Planner and Dave Gula, Principal Planner
This effort will support staff participation in the Tyler McConnell Bridge working group committee and provide technical and coordinating assistance as needed.

3. Route 301

WILMAPCO STAFF PARTICIPANT: Daniel Blevins, Principal Planner
The initial Greater Route 301 MIS was a joint effort by DelDOT, New Castle County and WILMAPCO to reach a conclusion on a locally preferred alternative package of investment endorsed by New Castle County, municipalities and the State of Delaware through the WILMAPCO Council. WILMAPCO staff is participating in the implementation of these projects including the monitoring of traffic conditions as part of the US 301 Spur Trigger Analysis.

4. DTC Business Plan / Long-Range Plan

WILMAPCO STAFF PARTICIPANT: Dave Gula, Principal Planner
This effort will support staff participation in the DTC Business Plan / Long-Range Plan implementation and provide technical and coordinating assistance as needed.

5. Claymont Transportation Plan

WILMAPCO STAFF PARTICIPANT: Dave Gula, Principal Planner, Randi Novakoff, Outreach Manager
Staff will work with DelDOT, New Castle County and community groups to develop a transportation plan for the area and provide technical assistance as needed.

6. Amtrak Northeast Corridor Studies

WILMAPCO STAFF PARTICIPANT: Dave Gula, Principal Planner, Daniel Blevins, Principal Planner, Heather Dunigan, Principal Planner
WILMAPCO Staff will work with DelDOT, Norfolk Southern Railroad, Amtrak FRA, and Maryland DOT, to determine the feasibility and cost estimate to develop an infrastructure solution (additional track, switches, etc.) on the Amtrak Northeast Corridor that will allow 24/7 access for freight movements between Perryville, Maryland and Newark, Delaware. This work will be coordinated with the NEC Future Tier I and Tier II Studies that are being carried forward by the FRA. The Perryville-Newark Link has been identified in the Delaware and WILMAPCO freight plans, as well as by the NS Delmarva Business Unit, as a very important freight rail project for the State and region. The additional track capacity between Perryville and Newark will facilitate the long-term expansion of transit service (MARC) to areas north of Perryville, including possible new service to Delaware. The *MARC Growth & Investment Plan* cites the need for expanded transit to: 1) provide fast, reliable transportation in key corridors and serve BRAC-related travel markets; 2) reduce the need to expand highways; 3) offer efficient, environmentally sustainable transportation choices to commuters and regional travelers; 4) encourage efficient regional land use and transit-oriented development, and 5) support more efficient freight rail movement.

7. Claymont Regional Transportation Center

WILMAPCO STAFF PARTICIPANT: Dave Gula, Principal Planner
WILMAPCO Staff will work DTC and their consultant as they complete NEPA work, develop the TIGER Agreement, complete station design, and coordinated with TOD development for this station improvement project. Staff will work with FTA to develop performance measures for the TIGER Agreement document.

22.13.09 – MDOT, Cecil County Office of Planning and Zoning, Parks and Recreation, and Cecil County Department of Aging

1. Cecil County Transit Study

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner, Dave Gula, Principal Planner
Staff will assist with and monitor the implementation of the recommendations from the transit study conducted by the Cecil County Department of Aging.

2. Incorporate the Lower Susquehanna Heritage Greenways Management Plan into Cecil County Mobility Friendly Design Standards in Perryville and Port Deposit, Maryland

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner, Dave Gula, Principal Planner
Staff will participate in the Mobility and Transit Friendly Design Standards Studies and provide technical assistance as needed. Staff will provide assistance as requested to Cecil County and their consultant to support the work begun in FY 2002 with North East, to develop and adopt mobility friendly design standards.

3. Transit Service, Between Harford and Cecil Counties—*Filling the Gap*

WILMAPCO STAFF PARTICIPANT: Dave Gula, Principal Planner, Heather Dunigan, Principal Planner

Staff will work with the Maryland Department of Transportation and Maryland Transit Administration in collaboration with Harford and Cecil counties, BMC, and DTC in seeking short-term means to improve connections between existing transit services in Harford and Cecil Counties; thereby “filling the gap” for transit riders traversing the Harford and Cecil County lines. The objectives of this effort are to examine near-term improvements that: 1) link the existing local transit service offered in Harford and Cecil Counties, 2) serve longer regional transit needs to Baltimore and Wilmington through extension of commuter bus service or better interface with existing commuter bus and rail service, and 3) improve communication regarding availability of local and regional transit services and how such linkages between the services can be made.

4. Cecil County Bicycle Plan

WILMAPCO STAFF PARTICIPANT: Dave Gula, Principal Planner

The Cecil County Bicycle Plan was developed in coordination with Cecil County, the Maryland Department of Transportation (MDOT), municipalities, cyclists and other stakeholders to establish recommendations for improved access and comfort of bicycling. The Plan proposed bicycle facilities for both unincorporated and incorporated areas of Cecil County, while integrating the bicycle recommendations for Elkton and Perryville. WILMAPCO staff will coordinate with staff from Cecil County Planning and Zoning and incorporated towns to implement the recommendations.

5. Cecil County Design Guidelines

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner

Staff will develop best practices design guidelines that would reconcile good new urbanist, neo-traditional, transit neighborhood design and complete street design elements with good environmental design elements

6. Cecil County Route 40 Program Development Support

WILMAPCO STAFF PARTICIPANT: Dan Blevins, Principal Planner

Staff will develop annual report monitoring transportation and land use changes to the US 40 corridor in Cecil County. This report will establish baseline and future traffic and land use projections and monitor on ongoing basis. In addition, the report will assess the conditions which may trigger the need to implement projects that were evaluated and identified in the 2007 Roadway Improvement Strategic Plan for Cecil County.

22.13.10– Town of Chesapeake City

1. Town of Chesapeake City Comprehensive Plan Update

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner, William Swiatek, Principal Planner

Staff will work with the Town of Chesapeake City in implementing their Comprehensive Plan.

2. Town of Chesapeake City Zoning Ordinance

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner, William Swiatek, Principal Planner

Staff will work with the Town as they implement the Town of Chesapeake City Zoning Ordinance and Zoning Map so that it is in alignment with the town’s Comprehensive Plan and WILMAPCO’s Long Range Regional Transportation Plan.

3. Town of Chesapeake City Parking Plan

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner

Staff will work with the Town of Chesapeake City in implementing their Parking Plan recommendations.

4. Town of Chesapeake City Subdivision Regulations

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner, William Swiatek, Principal Planner

Staff will work with the Town as they implement the Town of Chesapeake City Subdivision Regulations so that it is in alignment with the town’s Comprehensive Plan and WILMAPCO’s Long Range Regional Transportation Plan.

5. Walking and Biking Plan & Implementation Program

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner, William Swiatek, Principal Planner

WILMAPCO will assist the Town with development of funding applications for the Transportation Alternatives Program or other sources of implementing funds to complete identified improvements from the Walkable Community Workshop and town plans.

22.13.11– Town of Elkton Planning

1. Town of Elkton TOD Feasibility Study

WILMAPCO STAFF PARTICIPANT: Dave Gula, Principal Planner, William Swiatek, Principal Planner

Staff will work with the Town of Elkton in implementing recommendations from the TOD Feasibility Study.

2. Town of Elkton Bicycle Plan

WILMAPCO STAFF PARTICIPANT: Dave Gula, Principal Planner, William Swiatek, Principal Planner

Staff will work with the Town of Elkton in implementing recommendations from the bicycle plan.

3. Town of Elkton Zoning Ordinance and Subdivision Update

WILMAPCO STAFF PARTICIPANT: Dave Gula, Principal Planner, William Swiatek, Principal Planner

Staff will work with the Town as they implement the zoning ordinances and subdivision regulations to be consistent with Elkton's Comprehensive Plan and WILMAPCO's Regional Transportation Plan (RTP).

4. Elkton Pedestrian Plan

WILMAPCO STAFF PARTICIPANT: Jacob Thompson, Senior Transportation Planner & William Swiatek, Principal Planner

Staff will work with the Town of Elkton in implementing recommendations from the pedestrian plan.

22.13.12 – City of Wilmington

1. Wilmington Initiatives Implementation

WILMAPCO STAFF PARTICIPANT: Dave Gula, Principal Planner, Tigist Zegeye, Executive Director

The Wilmington Land Use and Development Capacity Assessment and The Downtown Circulation Study were both adopted by the WILMAPCO Council on September 11, 1997. The Downtown Circulation Study is updated. Results from these studies call for major improvements in the City of Wilmington encompassing several design project development efforts, such as:

- Market Street Retail Corridor Improvement
- Delaware Avenue/Washington Street Gateway Improvements
- King and Orange Streets Transit Corridor Improvements
- Transportation Center Phase III Transit Hub (Porter Site)
- Downtown 4th Street Improvements Project
- Wilmington Signalization Project
- Northeast Boulevard Streetscape Improvements
- Two-Way King Street/Fletcher Brown Park Study

Staff is working with the City of Wilmington, DelDOT, and DTC to design and implement the above projects.

2. Southbridge Circulation Study

WILMAPCO STAFF PARTICIPANT: William Swiatek, Principal Planner, Randi Novakoff, Outreach Manager

WILMAPCO will continue to work with the Southbridge community on the implementation of the Southbridge Circulation Study. This work includes supporting a Transportation Alternatives Program effort along Heald Street and New Castle Avenue, efforts to reduce diesel emissions in South Wilmington, leadership within the South Wilmington Planning Network, and support for the update to the Southbridge Neighborhood Plan.

3. Downtown Wilmington Circulation Study

WILMAPCO STAFF: Dave Gula, Principal Planner

Staff will be working with the City of Wilmington, DelDOT, and DTC to design and implement recommendations from the circulation study

4. City of Wilmington updates to Subdivision Regulations

WILMAPCO STAFF PARTICIPANT: Tigist Zegeye, Executive Director, William Swiatek, Principal Planner

Staff will work with the City as they implement the subdivision regulations to be consistent with their Comprehensive Plans and WILMAPCO's Long Range Regional Transportation Plan (RTP).

5. Delaware Avenue/11th/12th Streets Curve Study

WILMAPCO STAFF PARTICIPANT: Tigist Zegeye, Executive Director, Dave Gula, Principal Planner

The Downtown Circulation Study completed by WILMAPCO in 2010, identified the Delaware Avenue/11th/12th Streets as an area for further study. The Delaware Avenue/11th/12th Streets Curve Study developed recommendations to improve road geometry of this area and include streetscape, pedestrian, and bicycle accommodations along the corridor. The analysis identified recommendations for reconstructing this corridor. WILMAPCO Staff will work with the Wilmington Departments of Planning and Public Works, and the Wilmington Initiatives Partnership (DelDOT, DTC, WILMAPCO, and the City of Wilmington), and affected community representatives.

6. Wilmington Bicycle Plan

WILMAPCO STAFF PARTICIPANT: Dave Gula, Principal Planner, Jacob Thompson, Senior Transportation Planner
WILMAPCO staff will coordinate with staff from the City of Wilmington's Mayor's Office Planning & Urban Design and Public Works Department on the City's Advisory Committee that will work to implement the recommendations of the Bike Plan.

7. 12th Street Connector Alignment Study

WILMAPCO STAFF PARTICIPANT: Tigist Zegeye, Executive Director, Dave Gula, Principal Planner

The purpose of this project was to evaluate and recommend the optimal location and design for the proposed 12th Street Connector. This roadway will provide a more direct route to downtown Wilmington, and redirect current traffic from Price's Run, Riverside and East Side neighborhoods. The concept will generate economic development opportunities by opening new land in the vicinity of and along the Brandywine Creek while providing the necessary multimodal improvements to reduce neighborhood congestion, improve connections to the creek and make the area more bicycle and pedestrian friendly. This study was conducted in partnership with the Wilmington Initiative partners; DelDOT, DTC and City of Wilmington departments. Staff will work with the City as they implement the plan elements.

8. East 7th Street Peninsula Roadway Improvements/ Development Study

WILMAPCO STAFF PARTICIPANT: Tigist Zegeye, Executive Director, Dave Gula, Principal Planner

The goal of the project was to prepare a master plan which identifies and prioritizes the implementation of necessary roadway and utility improvements. The plan evaluates and recommends land use and development potential that will attract suitable public/private investment opportunities to facilitate future economic development on the East 7th Street Peninsula. This study was conducted in partnership with the Wilmington Initiative partners; DelDOT, DTC and City of Wilmington departments. Staff will work with the City as they implement the plan elements.

9. Safety & Capacity Improvement Study for 5-Point Intersection

WILMAPCO STAFF PARTICIPANT: Tigist Zegeye, Executive Director, Dave Gula, Principal Planner

The goal of the project was to evaluate and recommend roadway and infrastructure improvements to address operational and safety issues in the vicinity of Maryland Avenue, S. Madison Street, Martin Luther King Jr. Boulevard and West Street to improve the efficiency and effectiveness of the transportation grid which serves downtown Wilmington, the Christina Riverfront, local neighborhoods and regional interests. The study addressed necessary safety and capacity improvements, optimized circulation and access, and planned multimodal connectivity at and around the 5-Point Intersection. This study was conducted in partnership with the Wilmington Initiative partners; DelDOT, DTC and City of Wilmington departments. Staff will work with the City as they implement the plan elements.

10. Wilmington Resilience Plan

WILMAPCO STAFF PARTICIPANT: Dave Gula, Principal Planner and Bill Swiatek, Principal Planner

WILMAPCO supported the City of Wilmington's efforts to create a Resiliency Plan. The plan identifies actions Wilmington can reduce its carbon footprint and better prepare for climate change. These include advancing cleaner forms of transportation and planning for sea level rise impacts. Staff will work with the City as they implement the plan elements.

22.13.13 – Town of Perryville

1. Town of Perryville Greenway Plan

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner, Randi Novakoff, Outreach Manager

WILMAPCO and the Town of Perryville have developed a master plan for pedestrian and bicycle facilities and policies that were completed in FY 2012. Staff will work with the town and the Perryville Greenway Committee as they implement the recommendations.

2. Town of Perryville Transit Oriented Development (TOD)

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner, Dave Gula, Principal Planner

The Town of Perryville TOD study examined opportunities to enhance the existing MARC commuter service and surrounding land uses and was completed in FY 2012. Staff will work with the Town as they implement the land use and transportation recommendations.

22.13.14 – Town of North East

1. Transportation and Land Use Maps Update

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner, William Swiatek, Principal Planner

The Town of North East completed revisions to the Transportation and Land Use Maps. Staff will work with the town as they implement roads, trails, bicycle paths, sidewalks and identify the course of planning for North East.

2. Town of North East Transit Oriented Development

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner, Bill Swiatek, Principal Planner
WILMAPCO and the Town of North East completed a Transit Oriented Development (TOD) Study Plan to identify opportunities and land areas within North East for future transit supportive development and transportation around existing and future transit. The Plan identified a potential location for a future train station and transit hub, and included recommendations for land use master planning, zoning and urban design to support new development that will be sensitive to the existing character and desired development patterns, and included implementation strategies, to provide a rail link to the Town of North East by examining existing and future demand on the land areas. They will also develop a transit-oriented plan for rail service, which would accommodate existing and future needs of the Town. The Study will include recommendations and choices of locations where a rail station is feasible, a plan to include suitable land uses associated with rail use and identify the impacts to the town in relationship to parking and street improvements. Participants include an Advisory Committee that included North East Planning Commission, The North East Mayor and Commissioner's Town Board, State Highway Administration, Chesapeake Bay Critical Area Commission, Maryland Department of Planning, Cecil County, North East Rail Service Committee (to be established), Homeowners Associations, and interested citizens.

3. Town of North East Subdivision Regulations and Road Code Revisions

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner, William Swiatek, Principal Planner
The Town of North East will complete revisions to Town of North East Subdivision Regulations and Road Code so that it is in alignment with the town's Comprehensive Plan and WILMAPCO's Regional Transportation Plan.

22.13.15 - Coordination with the Town of Port Deposit

Transit Feasibility Study

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner, William Swiatek, Principal Planner
The Port Deposit Transit Feasibility Study was completed in FY 2013 and assessed potential routes, ridership and cost for fixed route public transit as well as alternative measures to improve mobility within the town and promote access to areas outside the town. Staff will work with Port Deposit and Cecil County to promote implementation of improvements and services.

22.13.16- Coordination with the Village of Marshallton

Village of Marshallton Circulation Study

WILMAPCO STAFF PARTICIPANT: William Swiatek, Principal Planner

In coordination with the Village of Marshallton, DelDOT and New Castle County the Marshallton Circulation Study was completed in 2014. The study made recommendations to address heavy vehicle volumes and speeding traffic on Old Capitol Trail, along with improving the village's multimodal transportation network. Staff will support the implementation of these recommendations as needed.

22.13.17– Coordination with the Village of Ardentown

Ardentown Paths Plan

WILMAPCO STAFF PARTICIPANT: Jacob Thompson, Senior Transportation Planner & William Swiatek, Principal Planner

The Ardentown Paths Plan identified necessary improvements to the historic network of pedestrian paths in Ardentown to preserve its natural and cultural history and to support making the village a more walkable and bikable community. Staff will support the Ardentown Planning Committee, DelDOT, New Castle County, DNREC and others to realize the implementation of this plan.

22.13.18- Coordination with the Town of Newport

Newport Transportation Plan - Monitoring Support

WILMAPCO STAFF PARTICIPANT: Dave Gula, Principal Planner and Jake Thompson, Senior Transportation Planner

The Newport Transportation Plan examined the impacts that new development in Newport, and in the surrounding area, will have on the Town, and identified multimodal improvements to the Town's transportation infrastructure to create a walkable, bikeable and transit-friendly town. The study area includes the Town of Newport and the surrounding area in unincorporated New Castle County.

This project provides consultant support to monitor changing transportation and land use patterns in the study area for the Newport Transportation Plan, to support implementation efforts of the Plan. Land development activity and trends will be profiled, along with average daily vehicle traffic, truck traffic, intersection level of service, crashes, bus ridership and service changes, the status of both transportation and land use projects called for in the Plan, and a profile of other relevant area planning and project efforts. The project, guided by input from the Monitoring

Committee, will culminate in a published report.
 Participants include WILMAPCO, NCC Land Use, DelDOT, DTC and a consultant.
\$35,000 is budgeted for consultant support.

SCHEDULE: FY 2022

22.13.19 – Other

ADMINISTRATOR: Tigist Zegeye, Executive Director, Heather Dunigan, Principal Planner
 Other sub-regional study implementation tasks as identified.

OUTCOME AND FINAL PRODUCTS: Implemented plans and projects that will help to achieve the goals of WILMAPCO's 2040 RTP

SCHEDULE: FY 2022

TASK TYPE: Recurring

PUBLIC PARTICIPATION: Member agencies are responsible for implementing public participation strategies for their projects. WILMAPCO will assist when possible by placing notices in our newsletter, e-news and other mailings.

BENEFIT: Assurance that plans and projects are implemented in such a manner as to conform to the goals and strategies of WILMAPCO's 2050 RTP.

PARTICIPANTS: WILMAPCO Staff, Member Agencies, and the Public

TOTAL COSTS:

Resource Allocation	WILMAPCO		\$189,371
	IN KIND SERVICES		\$988
	CONSULTANT		\$234,000
	TOTAL		\$424,359
Cost Allocation	Cash Share	In Kind	Total
FHWA DE	\$255,931	\$0	\$255,931
FTA DE	\$66,025	\$0	\$66,025
FHWA MD	\$13,269	\$0	\$13,269
FTA MD	\$4,648	\$0	\$4,648
Delaware	\$72,915	\$0	\$72,915
Maryland	\$2,240	\$0	\$2,240
New Castle County	\$5,510	\$0	\$5,510
Cecil County	\$770	\$988	\$1,758
City of Wilmington	\$2,064	\$0	\$2,064
TOTALS	\$423,370	\$988	\$424,359

V PRIOR YEARS' WORK TASKS CARRIED OVER

This table shows the status of FY 2021 UPWP work tasks which were not completed by June 30, 2021 and have been amended into the FY 2022 UPWP.

	TASK #	DESCRIPTION	BALANCE REMAINING 6/30/21
1	MPO 20.11	Churchmans Crossing Plan Update	\$87,906.12
2	MPO 20.13	New Castle County-Route 40 Program Development Support	\$44,650.17
3	MPO 21.05	Congestion Management System Consultant Support	\$2,618.55
4	MPO 21.05	University of Delaware Park & Ride	\$5,000.00
5	MPO 21.05	Regional Transportation Performance Measurement Development	\$8,335.30
6	MPO 21.08	Statewide Truck Parking	\$35,974.65
7	MPO 21.08	Port Circulation Study	\$15,567.88
8	MPO 21.08	First/Final Mile Freight Network Development Study	\$9,222.44
9	MPO 21.10	Member Agency Consultant Support	\$134,787.02
10	MPO 21.11	City of New Castle Transportation Plan Update	\$87,512.28
11	MPO 21.11	Union Street Reconfiguration and Strategic Improvements Study	\$75,675.62
	TOTAL		\$507,250.03

Prior Years' Carry over Funds

MD FHWA \$22,742.27
 MD FTA \$8,149.45
 MD State \$3,861.48
 Cecil County \$1,341.83 + In kind \$2,417.72
 DE FHWA \$437,145.77
 DE FTA \$104,084.70
 DE State \$122,362.89
 New Castle County \$9,417.98
 City of Wilmington \$3,526.84

Total Available Funds to be Carried Over = \$712,633.22 + in kind = \$715,050.94
\$507,250.03 for prior year's tasks which were not complete by June 30, 2021

20.11 – Churchmans Crossing Plan Update

WILMAPCO STAFF PARTICIPANT: Daniel Blevins, Principal Planner, Dave Gula, Principal Planner

The initial Churchmans Crossing Study was a joint effort by DelDOT, New Castle County and WILMAPCO to develop a land use/transportation vision for this important area. The land use and transportation recommendations provide a planning guide for this growth area over the next 25 years, including process and design guidelines. The study and its recommendations were adopted by the WILMAPCO Council into the 2020 Metropolitan Transportation Plan on September 11, 1997 and subsequently into the 2030 RTP. To account for the uncertainty as to when development will actually occur, the study provides performance indicators that DelDOT, New Castle County and WILMAPCO have been monitoring closely to determine when and which projects should be implemented. This task will update the original 1997 Plan **\$87,906.12 remains for consultant support.**

TOTAL COSTS:

Resource Allocation	WILMAPCO		\$0
	IN KIND SERVICES		\$0
	CONSULTANT		\$87,906.12
	TOTAL		\$87,906.12
Cost Allocation	Cash Share	In kind	Total
FHWA DE	\$53,741.33	\$0	\$53,741.33
FTA DE	\$12,795.85	\$0	\$12,795.85
FHWA MD	\$2,795.86	\$0	\$2,795.86
FTA MD	\$1,001.87	\$0	\$1,001.87
Delaware	\$15,042.91	\$0	\$15,042.91
Maryland	\$474.72	\$0	\$474.72
New Castle County	\$1,157.82	\$0	\$1,157.82
Cecil County	\$164.96	\$297.23	\$462.19
City of Wilmington	\$433.58	\$0	\$433.58
TOTALS	\$87,608.89	\$297.23	\$87,906.12

MPO 20.13 – MONITORING OF SUBREGIONAL STUDIES

1. Route 40 Corridor Improvements

WILMAPCO STAFF PARTICIPANT: Daniel Blevins, Principal Planner, Dave Gula, Principal Planner

The Route 40 Corridor Improvements Project was initiated by DelDOT in partnership with New Castle County and WILMAPCO in September 1998. The Route 40 Corridor 20-Year Transportation Plan was completed on June 19, 2000, and was adopted by the Steering Committee. Subsequently, the WILMAPCO Council had adopted the Route 40 Corridor 20-Year Transportation Plan as part of the Metropolitan Transportation Plan on September 7, 2000. The Plan addresses the conditions resulting from projected growth in housing, employment and traffic over the next 20 years. The Plan contains projects, separated into three phases, (Phase I 2000-2007, Phase II 2008-2013, and Phase III 2014-2020), which address the projected transportation problems that would result without the Plan. The final step of the project, now underway, is the implementation of the Plan recommendations. As part of this step a Corridor Monitoring Committee was created in order to assure that all projects in the Plan are implemented as conditions dictate – neither prior to the anticipated need, nor subject to unnecessary delay after need is identified. Staff is participating as a member of the Committee and providing assistance to the effort. **\$44,650.17 remains for consultant support.**

TOTAL COSTS:

Resource Allocation	WILMAPCO		\$0
	IN KIND SERVICES		\$0
	CONSULTANT		\$44,650.17
	TOTAL		\$44,650.17
Cost Allocation	Cash Share	In Kind	Total
FHWA DE	\$27,296.84	\$0	\$27,296.84
FTA DE	\$6,499.40	\$0	\$6,499.40
FHWA MD	\$1,420.10	\$0	\$1,420.10
FTA MD	\$508.88	\$0	\$508.88
Delaware	\$7,640.75	\$0	\$7,640.75
Maryland	\$241.12	\$0	\$241.12
New Castle County	\$588.09	\$0	\$588.09
Cecil County	\$83.79	\$150.97	\$234.76
City of Wilmington	\$220.23	\$0	\$220.23
TOTALS	\$44,499.20	\$150.97	\$44,650.17

MPO 20.05 – REGIONAL PLANNING AND TECHNICAL ANALYSIS

20.05.01 – Congestion Management System & Intersection Operations Analysis Development

ADMINISTRATOR: Daniel Blevins, Principal Planner, William Swiatek, Principal Planner, Jacob Thompson, Transportation Planner

Staff and the CMS Subcommittee will collect and analyze data from a variety of sources including: traffic impact studies, cordon study counts, intersection turning movement counts, travel demand model output, and corridor travel time analyses in order to update the WILMAPCO CMS Report. Based on this data, congested corridors or areas will be identified and a screening process will be applied to determine the most appropriate congestion mitigation strategies for each corridor or area. The effectiveness of strategies recommended in previous CMS reports will be assessed. **\$2,618.55 remains for consultant support.**

21.05.04 – Data Analysis for Planning Partners

ADMINISTRATOR: Daniel Blevins, Principal Planner, William Swiatek, Principal Planner, Jacob Thompson, Transportation Planner

Assistance will be provided to our planning partners, when requested, in the form of data analysis in order to help enhance their planning tool capacity. As part of this assistance, WILMAPCO and the Institute for Public Administration (IPA) will collect Park & Ride /poll usage at all New Castle County locations during the winter, spring, summer and fall. Counts will be collected twice during these periods for a total of 8 counts. **\$5,000.00 remains for consultant support for University of Delaware (IPA).**

20.05.07 – Regional Transportation Performance Measure Development

ADMINISTRATOR: Daniel Blevins, Principal Planner, William Swiatek, Principal Planner, Jacob Thompson, Transportation Planner

OBJECTIVE AND TASK DESCRIPTION: Provides tracking trends of key indicators of how the transportation system is performing to improve the ability to address short- and long-term decisions based on system performance. In order to respond to demands for accountability from elected officials and the public, development of transportation and land use performance measures and prepare an annual performance report on state and regional efforts and their relation to the goals of State and MPO long range plans.

This task will provide support for decisions about transportation budgeting and appropriations and will provide a trigger for in-depth examinations of performance problems and possible corrections. It will focus on identifying and using the most credible performance measures that are reliable, relevant and regional in scope, easy to understand by a wide audience, available from public sources of data and available over a period of time. This task is to mainly cover consulting help in expediting LOS analysis, extraction of real-time ITMS data for uses in various projects.

\$8,335.30 remains for consultant support.

TOTAL COSTS:

Resource Allocation	WILMAPCO		\$0
	IN KIND SERVICES		\$0
	CONSULTANT		\$15,953.85
	TOTAL		\$15,953.85
Cost Allocation	Cash Share	In Kind	Total
FHWA DE	\$9,753.38	\$0	\$9,753.38
FTA DE	\$2,322.28	\$0	\$2,322.28
FHWA MD	\$507.42	\$0	\$507.42
FTA MD	\$181.83	\$0	\$181.83
Delaware	\$2,730.10	\$0	\$2,730.10
Maryland	\$86.14	\$0	\$86.14
New Castle County	\$210.13	\$0	\$210.13
Cecil County	\$29.93	\$53.94	\$83.87
City of Wilmington	\$78.69	\$0	\$78.69
TOTALS	\$15,899.91	\$53.94	\$15,953.85

MPO 21.08 – GOODS MOVEMENT PLAN IMPLEMENTATION

OBJECTIVE AND TASK DESCRIPTION: As an MPO, WILMAPCO is bound by federal transportation legislation to be involved with the integration and connectivity of freight, across and between modes. The collection of data and its analysis will serve to broaden WILMAPCO's understanding of the logistic, safety and economic issues that surround the movement of goods throughout the region. The recently completed Delmarva Freight Plan summarizes current and future freight planning and transportation needs to enhance freight and goods movement and related economic opportunities on the 14-county tri-state area of Delmarva.

WILMAPCO will work to meet the need for multimodal freight planning collaboration within regional jurisdictions and across economic corridors to enhance mobility at the local, state, multi-state, and national level. Also, it will begin to seek ways to implement the goals of the freight plan and begin a system to monitor changes along the freight corridors identified by the plan.

21.08.01 - Statewide Truck Parking Study

The purpose of this task is to provide consultant resources for analyzing truck parking locations and utilization throughout the state of Delaware. The study will have an emphasis on overnight truck parking/staging concerns. The tasks will include:

- National policy overview
- Documenting existing conditions
- Observational data review/hotspot analysis
- Estimate future demand
- Policy & Project recommendations

\$35,974.65 remains for consultant support.

21.08.02 - Impacts/Benefits Analysis of Truck Access Improvements in the Port of Wilmington Area.

The purpose of this task is to provide consultant resources to perform a technical analysis on the impacts and benefits to various possible road improvements in the area around the Port of Wilmington. This task provides consultant resources for additional technical analyses of potential projects along the Route 9 corridor near the Port of Wilmington. These include but not limited to:

- Pigeon Point Rd Extension w/new I-295 interchange (Route 9 Master Plan follow-up)
- Stamm Blvd Area Traffic Analysis (Route 9 Master Plan follow-up)
- Pyles Ln Upgrades (potential adjustments and opportunities to better route area trucks if homes along Pyles Ln are purchased)

WILMAPCO will closely coordinate with the Route 9 Master Plan's Monitoring Committee and other area stakeholders during the development of this study and its recommendations.

\$15,567.88 remains for consultant support.

21.08.03 - First/Final Mile* Freight Network Development

The purpose of this task is to refine a more comprehensive statewide first/final mile roadway inventory to help further an understanding of the locations, roles, needs, and importance of the area's first/last mile facilities. These facilities often include lesser routes (i.e., collectors or local roads versus interstates or arterials) on which freight/passenger vehicle conflicts and negative public perception of truck traffic may be much greater while regular maintenance activities, geometric design standards, or the potential for roadway or safety improvement priorities may be much lower. This task would refine the existing work performed by WILMAPCO, examine their current conditions and functionality, and develop policy and project/programming recommendations

\$9,222.14 remains for consultant support.

*In transportation, supply chain, manufacturing and retailing, the term "final mile" is used to describe the movement of products (and passengers) the last leg of transportation from a facility to a final destination.

TOTAL COSTS:

Resource Allocation	WILMAPCO		\$0
	IN KIND SERVICES		\$0
	CONSULTANT		\$60,764.97
	TOTAL		\$60,764.97
Cost Allocation	Cash Share	In Kind	Total
FHWA DE	\$37,148.61	\$0	\$37,148.61
FTA DE	\$8,845.10	\$0	\$8,845.10
FHWA MD	\$1,932.64	\$0	\$1,932.64
FTA MD	\$692.54	\$0	\$692.54
Delaware	\$10,398.39	\$0	\$10,398.39
Maryland	\$328.14	\$0	\$328.14
New Castle County	\$800.34	\$0	\$800.34
Cecil County	\$114.03	\$205.46	\$319.49
City of Wilmington	\$292.72	\$0	\$292.72
TOTALS	\$60,559.51	\$205.46	\$60,764.97

MPO 20.10 – RTP UPDATE, IMPLEMENTATION & MEMBER AGENCY CONSULTANT SUPPORT

The WILMAPCO 2050 Regional Transportation Plan (RTP), adopted on March 7, 2019, provides a broad vision and context for transportation issues. The Plan includes a revised Transportation Investment Area (TIA) map, which identifies areas within the region based on how the transportation should be performing and what type of investments should be made. It also represents which public transportation investments will be appropriate over the next 20-25 years. Another aspect of the RTP is the updated project prioritization process that uses quantifiable measures to select projects that are tied to the goals and vision of the RTP. This process ensures that areas with the greatest need receive the highest priority for funding. **\$134,787.02 remains for WILMAPCO consultant support.**

TOTAL COSTS:

Resource Allocation	WILMAPCO		\$0
	IN KIND		\$0
	CONSULTANT		\$134,787.02
	TOTAL		\$134,787.02
Cost Allocation	Cash Share	In Kind	Total
FHWA DE	\$82,401.93	\$0	\$82,401.93
FTA DE	\$19,619.95	\$0	\$19,619.95
FHWA MD	\$4,286.92	\$0	\$4,286.92
FTA MD	\$1,536.17	\$0	\$1,536.17
Delaware	\$23,065.39	\$0	\$26,065.39
Maryland	\$727.89	\$0	\$727.89
New Castle County	\$1,775.29	\$0	\$1,775.29
Cecil County	\$252.93	\$455.74	\$708.67
City of Wilmington	\$664.81	\$0	\$664.81
TOTALS	\$134,331.28	\$455.74	\$134,787.02

MPO 21.11 – SUBREGIONAL STUDIES AND COORDINATION

This task allows for the coordination of transportation and land use planning activities by working with local and state governments and community groups. WILMAPCO either takes the lead or participates in the development and scoping of a variety of plans and studies that further the implementation of the RTP. Studies we expect to administer during fiscal year 2021 include the following:

1. City of New Castle Transportation Plan Update

WILMAPCO STAFF PARTICIPANT: Heather Dunigan, Principal Planner

This Plan will update the 1999 *City of New Castle Transportation Plan* and will further analyze issues raised in the *City of New Castle Comprehensive Development Plan*. The study area includes the entire municipality and will also consider transportation transitions to surrounding areas within New Castle County as appropriate. The purposes of this Plan are to:

- Improve the multimodal transportation network, provide connectivity to communities and trails, enhance health and livability, reduce illegal truck traffic, and improve safety.
- Address flooding and sea-level rise impacts on land use and access to major transportation corridors.
- Improve gateways to the historic city.
- Develop a shared-parking analysis.

\$87,512.28 remains for consultant support

2. Union St Reconfiguration and Streetscapes Improvement Study

WILMAPCO STAFF PARTICIPANT: Dave Gula, Principal Planner

The Union Street Rapid Configuration Project resulted in the reduction of lanes between SR 52 (Pennsylvania Avenue) and Sycamore Street from 3 to 2, while reconfiguring existing left-side parallel parking to back-in angle parking with an adjacent bicycle lane. This project was intended as an interim step to the final design as it was mainly a re-striping effort which limited changes to the left travel and curb lanes, with limited curb ramp and crosswalk additions.

This UPWP study will result in a preferred configuration that is optimal to support future land use and transportation needs. Union Street has been designated as a "Main Street Corridor" in the City of Wilmington's 2028 Comprehensive Plan (July 2019).

- 4) Evaluate the design and operations of the Union Street corridor between Pennsylvania Avenue and Sycamore Street. The current configuration is the result of the 2017 Union Street Rapid Reconfiguration, a joint DelDOT, City of Wilmington, WILMAPCO and community project.
- 5) Lead a community driven design process to develop a long-term vision for the Union Street corridor, which could be implemented as a DelDOT Capital Project. After community input has been received, the WI agency partners will finalize the design concept plans. The final concept will determine the optimal configuration for amenities for pedestrians, bicycle and transit users, travel lanes and vehicle parking.
- 6) Design a concept, begin project development, create cost estimates and begin NEPA Planning & Environmental Linkage (PEL) studies for the preferred vision for Union Street.

\$75,575.62 remains for consultant support

TOTAL COSTS:

Resource Allocation	WILMAPCO		\$0
	IN KIND SERVICES		\$0
	CONSULTANT		\$163,187.90
	TOTAL		\$163,187.90
Cost Allocation	Cash Share	In kind	Total
FHWA DE	\$99,764.78	\$0	\$99,764.78
FTA DE	\$23,754.06	\$0	\$23,754.06
FHWA MD	\$5,190.21	\$0	\$5,190.21
FTA MD	\$1,859.86	\$0	\$1,859.86
Delaware	\$27,925.48	\$0	\$27,925.48
Maryland	\$881.26	\$0	\$881.26
New Castle County	\$2,149.36	\$0	\$2,149.36
Cecil County	\$306.23	\$551.77	\$858.00
City of Wilmington	\$804.89	\$0	\$804.89
TOTALS	\$162,636.13	\$551.77	\$163,187.90

VI FY 2022 UPWP COST ALLOCATION BY FUNDING SOURCE

FY 2022 WORK TASKS - WILMAPCO										
TASK #	FEDERAL				STATE		LOCAL			FY2022 PROGRAM
	FHWA	FTA	FHWA	FTA			NEW CASTLE COUNTY	CECIL COUNTY	CITY OF WILMINGTON	
	DELAWARE		MARYLAND				DELAWARE	MARYLAND		
<u>CASH ALLOCATION</u>										
Administration										
MPO 22.01	\$176,955	\$45,651	\$9,175	\$3,213	\$50,415	\$1,549	\$3,810	\$532	\$1,427	\$292,725
Unified Planning Work Program (UPWP)										
MPO 22.02	\$56,045	\$14,459	\$2,906	\$1,018	\$15,967	\$490	\$1,207	\$169	\$452	\$92,712
Public Outreach & Education										
MPO 22.03	\$90,696	\$23,398	\$4,702	\$1,647	\$25,839	\$794	\$1,953	\$273	\$731	\$150,033
Data Collection, Management & Distribution										
MPO 22.04	\$67,140	\$17,321	\$3,481	\$1,219	\$19,128	\$588	\$1,446	\$202	\$541	\$111,066
Regional Planning & Technical Analysis										
MPO 22.05	\$146,676	\$37,839	\$7,605	\$2,664	\$41,788	\$1,284	\$3,158	\$441	\$1,183	\$242,638
Air Quality Coordination and Analysis										
MPO 22.06	\$30,879	\$7,966	\$1,601	\$561	\$8,797	\$270	\$665	\$93	\$249	\$51,081
New Federal Regulation Compliance										
MPO 22.07	\$37,852	\$9,765	\$1,963	\$687	\$10,784	\$331	\$815	\$114	\$305	\$62,616
Goods Movement Plan Implementation										
MPO 22.08	\$99,411	\$25,646	\$5,154	\$1,805	\$28,322	\$870	\$2,140	\$299	\$802	\$164,450
Regional Coordination										
MPO 22.09	\$66,034	\$17,035	\$3,424	\$1,199	\$18,813	\$578	\$1,422	\$199	\$532	\$109,236
RTP Implementation										
MPO 22.10	\$60,629	\$14,445	\$3,160	\$1,152	\$16,986	\$539	\$1,297	\$181	\$486	\$98,876
Sub-regional Studies & Coordination										
MPO 22.11	\$206,227	\$53,202	\$10,692	\$3,745	\$58,754	\$1,805	\$4,440	\$620	\$1,663	\$341,148
Transportation Improvement Program										
MPO 22.12	\$42,167	\$10,878	\$2,186	\$766	\$12,013	\$369	\$908	\$127	\$340	\$69,755
Monitoring of Sub-regional Studies										
MPO 22.13	\$255,931	\$66,025	\$13,269	\$4,648	\$72,915	\$2,240	\$5,510	\$770	\$2,064	\$423,370
TOTAL FY 2021 NEW TASKS										
	\$1,336,642	\$343,629	\$69,318	\$24,324	\$380,523	\$11,706	\$28,771	\$4,019	\$10,774	\$2,209,707
Vacation & Holiday	\$126,381	\$33,800	\$6,536	\$2,244	\$36,294	\$1,097	\$2,729	\$381	\$1,022	\$210,483
Grand Total	\$1,463,023	\$377,429	\$75,854	\$26,568	\$416,817	\$12,803	\$31,500	\$4,400	\$11,796	\$2,420,190

FY 2022 WORK TASKS - WILMAPCO												
TASK #	FEDERAL				STATE		LOCAL			FY2022 PROGRAM		
	FHWA	FTA	FHWA	FTA			NEW CASTLE COUNTY	CECIL COUNTY	CITY OF WILMINGTON			
	DELAWARE		MARYLAND				DELAWARE	MARYLAND				
IN KIND ALLOCATION												
Administration												
MPO 22.01	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,475	\$0	\$1,475		
Unified Planning Work Program (UPWP)												
MPO 22.02	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$484	\$0	\$484		
Public Outreach & Education												
MPO 22.03	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$754	\$0	\$754		
Data Collection, Management & Distribution												
MPO 22.04	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$319	\$0	\$319		
Regional Planning & Technical Analysis												
MPO 22.05	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$718	\$0	\$718		
Air Quality Coordination and Analysis												
MPO 22.06	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$267	\$0	\$267		
New Federal Legislation Compliance												
MPO 22.07	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$327	\$0	\$327		
Goods Movement Plan Implementation												
MPO 22.08	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$597	\$0	\$597		
Regional Coordination												
MPO 22.09	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$570	\$0	\$570		
RTP Implementation												
MPO 22.10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$516	\$0	\$516		
Sub-regional Studies & Coordination												
MPO 22.11	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,024	\$0	\$1,024		
Transportation Improvement Program												
MPO 22.12	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$364	\$0	\$364		
Monitoring of Sub-regional Studies												
MPO 22.13	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$988	\$0	\$988		
TOTAL FY 2022 NEW TASKS												
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,403	\$0	\$8,403		

FY 2022 WORK TASKS - WILMAPCO												
TASK #	FEDERAL				STATE		LOCAL			FY2022 PROGRAM		
	FHWA	FTA	FHWA	FTA			NEW CASTLE COUNTY	CECIL COUNTY	CITY OF WILMINGTON			
	DELAWARE		MARYLAND				DELAWARE	MARYLAND	NEW CASTLE COUNTY		CECIL COUNTY	CITY OF WILMINGTON
TOTAL TASK COST												
Administration												
MPO 22.01	\$176,955	\$45,651	\$9,175	\$3,213	\$50,415	\$1,549	\$3,810	\$2,008	\$1,427	\$294,201		
Unified Planning Work Program (UPWP)												
MPO 22.02	\$56,045	\$14,459	\$2,906	\$1,018	\$15,967	\$490	\$1,207	\$652	\$452	\$93,196		
Public Outreach & Education												
MPO 22.03	\$90,696	\$23,398	\$4,702	\$1,647	\$25,839	\$794	\$1,953	\$1,027	\$731	\$150,787		
Data Collection, Management & Distribution												
MPO 22.04	\$67,140	\$17,321	\$3,481	\$1,219	\$19,128	\$588	\$1,446	\$521	\$541	\$111,385		
Regional Planning & Technical Analysis												
MPO 22.05	\$146,676	\$37,839	\$7,605	\$2,664	\$41,788	\$1,284	\$3,158	\$1,159	\$1,183	\$243,356		
Air Quality Coordination and Analysis												
MPO 22.06	\$30,879	\$7,966	\$1,601	\$561	\$8,797	\$270	\$665	\$359	\$249	\$51,347		
New Federal Legislation Compliance												
MPO 22.07	\$37,852	\$9,765	\$1,963	\$687	\$10,784	\$331	\$815	\$441	\$305	\$62,943		
Goods Movement Plan Implementation												
MPO 22.08	\$99,411	\$25,646	\$5,154	\$1,805	\$28,322	\$870	\$2,140	\$896	\$802	\$165,047		
Regional Coordination												
MPO 22.09	\$66,034	\$17,035	\$3,424	\$1,199	\$18,813	\$578	\$1,422	\$769	\$532	\$109,806		
RTP Implementation												
MPO 22.10	\$60,629	\$14,445	\$3,160	\$1,152	\$16,986	\$539	\$1,297	\$697	\$486	\$99,392		
Sub-regional Studies & Coordination												
MPO 22.11	\$206,227	\$53,202	\$10,692	\$3,745	\$58,754	\$1,805	\$4,440	\$1,644	\$1,663	\$342,172		
Transportation Improvement Program												
MPO 22.12	\$42,167	\$10,878	\$2,186	\$766	\$12,013	\$369	\$908	\$491	\$340	\$70,119		
Monitoring of Sub-regional Studies												
MPO 22.13	\$255,931	\$66,025	\$13,269	\$4,648	\$72,915	\$2,240	\$5,510	\$1,758	\$2,064	\$424,359		
TOTAL FY 2022 TASKS												
	\$1,336,642	\$343,629	\$69,318	\$24,324	\$380,523	\$11,706	\$28,771	\$12,422	\$10,774	\$2,218,110		
Vacation & Holiday	\$126,381	\$33,800	\$6,536	\$2,244	\$36,294	\$1,097	\$2,729	\$381	\$1,022	\$210,483		
Grand Total	\$1,463,023	\$377,429	\$75,854	\$26,568	\$416,817	\$12,803	\$31,500	\$12,803	\$11,796	\$2,428,593		

PRIOR YEARS' CARRY OVER TASKS - WILMAPCO										
TASK #	FEDERAL				STATE		LOCAL			CARRY OVER TO FY2022
	FHWA	FTA	FHWA	FTA	DELAWARE	MARYLAND	NEW CASTLE COUNTY	CECIL COUNTY	CITY OF WILMINGTON	
	DELAWARE		MARYLAND							
Churchmans Crossing Plan Update										
MPO 20.11	\$53,741.33	\$12,795.85	\$2,795.86	\$1,001.87	\$15,042.91	\$474.72	\$1,157.82	\$462.19	\$433.58	\$87,906.12
New Castle County Route 40 Program Development Support										
MPO 20.13	\$27,296.84	\$6,499.40	\$1,420.10	\$508.88	\$7,640.75	\$241.12	\$588.09	\$234.76	\$220.23	\$44,650.17
Congestion Management System Consultant Support										
MPO 21.05	\$1,600.85	\$381.16	\$83.28	\$29.84	\$448.10	\$14.14	\$34.49	\$13.77	\$12.92	\$2,618.55
University of Delaware Park & Ride										
MPO 21.05	\$3,056.75	\$727.81	\$159.03	\$56.99	\$855.62	\$27.00	\$65.86	\$26.29	\$24.66	\$5,000.00
Regional Transportation Performance Measurement										
MPO 21.05	\$5,095.78	\$1,213.31	\$265.11	\$95.00	\$1,426.38	\$45.01	\$109.78	\$43.82	\$41.11	\$8,335.30
Statewide Truck Parking Study										
MPO 21.08	\$21,993.07	\$5,236.56	\$1,144.18	\$410.00	\$6,156.15	\$194.27	\$473.82	\$189.15	\$177.44	\$35,974.65
Port Circulation Study										
MPO 21.08	\$9,517.41	\$2,266.10	\$495.14	\$177.43	\$2,664.05	\$84.07	\$205.05	\$81.85	\$76.79	\$15,567.88
First/Final Mile Freight Network Development Study										
MPO 21.08	\$5,638.13	\$1,342.44	\$293.32	\$105.11	\$1,578.19	\$49.80	\$121.47	\$48.49	\$45.49	\$9,222.44
Member Agency Consultant Support										
MPO 21.10	\$82,401.93	\$19,619.95	\$4,286.92	\$1,536.17	\$23,065.39	\$727.89	\$1,775.29	\$708.67	\$664.81	\$134,787.02
City of New Castle Transportation Update										
MPO 21.11	\$53,500.56	\$12,738.52	\$2,783.34	\$997.38	\$14,975.51	\$472.59	\$1,152.63	\$460.12	\$431.64	\$87,512.28
Union Street Reconfiguration and Strategic Improvements Study										
MPO 21.11	\$46,264.22	\$11,015.54	\$2,406.87	\$862.48	\$12,949.97	\$408.67	\$996.73	\$397.88	\$373.25	\$75,675.62
PRIOR YEARS' CARRY OVER TASKS - WILMAPCO										
	\$310,106.86	\$73,836.65	\$16,133.14	\$5,781.14	\$86,803.02	\$2,739.30	\$6,681.02	\$2,666.99	\$2,501.91	\$507,250.02
GRAND TOTAL TASKS IN FY 2021 UPWP										
	\$1,773,129.86	\$451,265.65	\$91,987.14	\$32,349.14	\$503,620.02	\$15,542.30	\$38,181.02	\$15,469.99	\$14,297.91	\$2,935,843.02

VII COUNCIL RESOLUTION

Wilmington Area Planning Council

The Tower at STAR Campus
100 Discovery Blvd, Suite 800
Newark DE 19713
302-737-6205; Fax 302-286-7131
Website: www.wilmapco.org

WILMAPCO Council:

John Sisson, Chair
*Delaware Transit Corporation
Chief Executive Officer*

Connie C. Holland
*Delaware Office of State Planning
Coordination, Director*

Danielle Homberger
Cecil County Executive

Nicole Majeski
*Delaware Dept. of Transportation
Secretary*

Matthew Meyer
New Castle County Executive

Heather Murphy
*Maryland Dept. of Transportation
Director, Office of Planning and
Capital Programming*

Michael S. Purzycki
Mayor of Wilmington

Michael Spencer
Mayor of Newport

Loucretia Wood
Charlestown Commissioner

WILMAPCO Executive Director
Tigist Zegeye

RESOLUTION

BY THE WILMINGTON AREA PLANNING COUNCIL ADOPTING THE STATE/LOCAL CASH COMMITMENT WHEN MATCHING WILMAPCO'S FEDERAL FUNDS FOR FY 2022 UNIFIED PLANNING WORK PROGRAM

WHEREAS, WILMAPCO receives federal funding from the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) to support transportation planning activities; and,

WHEREAS, all federal funds must be matched by twenty percent (20%) State/Local funds; and,

WHEREAS, federal regulations permit State/Local matching to be made either in cash or by way of "in-kind services", or soft match; and,

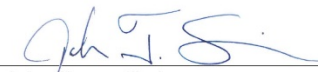
WHEREAS, WILMAPCO requires a certain amount of the matched funds to be made in cash in order to ensure that WILMAPCO's cash obligations may be met; and

WHEREAS, the agreed upon cash commitment have been \$12,803 from the State of Maryland in cash with minimum cash matches of \$4,400 from Cecil County, \$416,817 from the State of Delaware, \$31,500 from New Castle County and \$11,796 from the City of Wilmington, with any remaining matching obligation made either in cash or by in-kind services;

NOW, THEREFORE, BE IT RESOLVED that the WILMAPCO Council does hereby adopt the State/Local Cash Commitment when matching WILMAPCO's federal funding for fiscal year 2022 UPWP, as outlined above.

5/13/2021

Date:



John Sisson, Chairperson

Wilmington Area Planning Council



Partners with you in transportation planning

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RESOLUTION

BY THE WILMINGTON AREA PLANNING COUNCIL ADOPTING THE FY 2022 UNIFIED PLANNING WORK PROGRAM

WHEREAS, The Wilmington Area Planning Council (WILMAPCO), as designated by the Governors of the States of Delaware and Maryland, is the Metropolitan Planning Organization (MPO) for the Wilmington, Delaware Metropolitan Area; and,

WHEREAS, Federal regulations require the endorsement by the MPO of a Unified Planning Work Program (UPWP) which documents and describes metropolitan transportation planning and related metropolitan planning activities anticipated in the Metropolitan Area during the next fiscal year; and,

WHEREAS, such documentation serves to unify the various metropolitan transportation planning efforts within a comprehensive, continuing, and cooperative planning process; and,

WHEREAS, the draft WILMAPCO FY 2022 Unified Planning Work Program has undergone appropriate technical and public review;

NOW, THEREFORE, BE IT RESOLVED that the WILMAPCO Council does hereby adopt the Unified Planning Work Program for fiscal year 2022.

5/13/2021

Date:


John Sisson, Chairperson
Wilmington Area Planning Council

WILMAPCO

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Michael S. Purzycki
Mayor of Wilmington

Eric Scott Thompson
Mayor of Elsmere

Loucretia Wood
Charlestown Commissioner

WILMAPCO Executive Director
Tigist Zegeye

RESOLUTION BY THE WILMINGTON AREA PLANNING COUNCIL AMENDING THE FY 2022 UNIFIED PLANNING WORK PROGRAM

WHEREAS, The Wilmington Area Planning Council (WILMAPCO), as designated by the Governors of the States of Delaware and Maryland, is the Metropolitan Planning Organization (MPO) for the Wilmington, Delaware Metropolitan Area; and,

WHEREAS, Federal regulations require the endorsement by the MPO of a Unified Planning Work Program (UPWP) which documents and describes metropolitan transportation planning and related metropolitan planning activities anticipated in the Metropolitan Area during the next fiscal year; and,

WHEREAS, such documentation serves to unify the various metropolitan transportation planning efforts within a comprehensive, continuing, and cooperative planning process; and,

WHEREAS, the WILMAPCO FY 2022 Unified Planning Work Program was adopted by Council on May 13, 2021; and

WHEREAS, the UPWP may be amended from time to time by Council to add or modify work tasks; and

WHEREAS, the financial agreement with the Delaware Department of Transportation requires that incomplete prior years' UPWP work tasks be amended into the current UPWP for project tracking purposes;

NOW, THEREFORE, BE IT RESOLVED, that the WILMAPCO Council does hereby amend the FY 2022 UPWP by adding the incomplete work tasks (carry-over tasks) from prior years' UPWPs.

11/4/2021
Date:


John Sisson, Chairperson
Wilmington Area Planning Council

WILMAPCO

Partners with you in transportation planning

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