

# WILMAPCO Council

## Action Item Summary Sheet

Meeting Date: September 14, 2023

**Action Item #11** : To Approve use of Federal STBG, CMAQ, FTA Urbanized Area, FTA 5310, and TAP Funds in FY 2024

**Description/Summary of Item:**

Staff will present proposed use of STBG, CMAQ, TAP, Transit Urbanized Area, and Transit Elderly and Persons with Disabilities funds for FY 2024.

**Summary of Action Taken by PAC:**

The PAC did not take action on this item.

**Summary of Action Taken by TAC:**

The TAC recommended approval via email vote.

**Summary of Action Taken by Subcommittee/Task Force (if applicable):**

The Air Quality Subcommittee reviewed this at their September 7 meeting. They concurred with the use of CMAQ funds, except for the ITMS "Telecommunication Hug Upgrade" line item for uninterruptible power supply during power outages. While important, the Subcommittee felt CMAQ funds should be tied to a project with more direct emissions benefits per federal guidance.

The Nonmotorized Transportation Working Group reviewed the proposed TAP and CMAQ funded bicycle and pedestrian projects at their August 1 meeting and concurred with the use of funds.

**WILMAPCO Staff Recommendations:**

The WILMAPCO staff recommends that Council approve the proposed use of federal funds for FY 2024 so long as the ITMS "Telecommunication Hug Upgrade" line item does not utilize CMAQ funding.

**WILMAPCO Council:**

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

**David L. Edgell**  
*Delaware Office of State Planning  
Coordination, Director*

**Danielle Hornberger**  
*Cecil County Executive*

**Richard Mahan**  
*Charlestown Commissioner*

**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*

**Eric Scott Thompson**  
*Mayor of Elsmere*

**WILMAPCO Executive Director**  
*Tigist Zegeye*

## **DRAFT RESOLUTION**

### **BY THE WILMINGTON AREA PLANNING COUNCIL (WILMAPCO) RECOMMENDING USE OF SURFACE TRANSPORTATION BLOCK GRANT PROGRAM, CONGESTION MITIGATION AND AIR QUALITY IMPROVEMENT PROGRAM, TRANSPORTATION ALTERNATIVES PROGRAM, FTA URBANIZED AREA, AND FTA 5310 PROGRAM FUNDS**

**WHEREAS**, the Wilmington Area Planning Council (WILMAPCO) has been designated the Metropolitan Planning Organization (MPO) for Cecil County, Maryland and New Castle County, Delaware by the Governors of Maryland and Delaware, respectively; and

**WHEREAS**, the United States Department of Transportation (USDOT) Regulations and Regulations, Metropolitan Planning Requirements require that the MPO, in cooperation with participants in the planning process, develop, and at least every four years, update the Transportation Improvement Program (TIP); and

**WHEREAS**, the use of federal funds for projects in the TIP are determined through a process of consultation and coordination between the Delaware Department of Transportation and WILMAPCO;

**NOW, THEREFORE, BE IT RESOLVED** that the Wilmington Area Planning Council does hereby approve the recommended programming of STBG, CMAQ, FTA Urbanized Area, FTA 5310, and TAP Funds for FY 2024 projects.

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Date:

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John Sisson, Chairperson  
Wilmington Area Planning Council



STATE OF DELAWARE  
**DEPARTMENT OF TRANSPORTATION**  
 800 BAY ROAD  
 P.O. BOX 778  
 DOVER, DELAWARE 19903

NICOLE MAJESKI  
 SECRETARY

July 25, 2023

Ms. Tigist Zegeye  
 Executive Director  
 WILMAPCO  
 100 Discovery Blvd  
 UD Star Campus Tower, Suite 800  
 Newark, DE 19711

Dear Ms. Zegeye:

Per the Delaware Department of Transportation’s Fiscal Year 2023-2026 STIP, I am recommending programming Federal funds for Fiscal Year 2024 projects as follows:

**Surface Transportation Block Grant Program (STBG) (Population over 200,000) (Y230)**

<u>Project</u>	<u>Amount</u>
Glasgow Avenue, SR 896 to US 40	\$1,500,000
SR 72, McCoy Road to SR 71	\$153,858
Elkton Road Landscaping	\$350,000
Walnut Street, 3 <sup>rd</sup> Street, to 16 <sup>th</sup> Street	\$500,000
Shared Use Path, S. Church St to S. Walnut St, Wilmington	\$2,002,077
Statewide Paving & Rehabilitation	\$7,215,866
Statewide Bridge	\$900,000
Statewide HSIP	\$1,000,000
Statewide Rail Crossing Safety	\$2,200,000
<b>Total</b>	<b>\$15,821,801</b>

**FTA Urbanized Area (5307)**

<u>Project</u>	<u>Amount</u>
Preventive Maintenance - New Castle County	\$5,200,000
Claymont Station	\$2,744,725
Claymont Rail Station Decommissioning	\$1,200,000
US 13 Southbound BBRT Lane	\$2,000,000
Paratransit Replacement Buses NCC FY24	\$2,425,472
Mid-County Driver Training Facility	\$1,600,000
<b>Total</b>	<b>\$15,170,197</b>



**Congestion Mitigation/Air Quality (CMAQ) (Y400, Y003)**

<b><u>Project</u></b>	<b><u>Amount</u></b>
Statewide Rideshare – Transportation Management Improvements	\$384,000
Statewide Bicycle and Pedestrian Improvements	\$6,000,000
Old Capitol Trail, Newport Road to Stanton Road	\$1,200,000
Statewide Transportation Management Improvements	\$2,176,000
<b>Total</b>	<b>\$9,760,000</b>

**FTA Elderly and Persons with Disabilities (5310)**

<b><u>Project</u></b>	<b><u>Amount</u></b>
Statewide Transit Vehicle Replacement	\$458,596
<b>Total</b>	<b>\$458,596</b>

**Transportation Alternatives Program (Y300, Y301, Y306, Y307, Y308, 5307)**

<b><u>Project</u></b>	<b><u>Amount</u></b>
Statewide Transportation Alternatives (FHWA)	\$5,400,000
Transportation Alternatives Wilmington Urbanized Area (FTA)	\$160,000
<b>Total</b>	<b>\$5,560,000</b>

We respectfully request your approval by way of signature on this document. If you have any questions, please contact me at (302) 760-4819.

Sincerely,

APPROVED: \_\_\_\_\_  
Tigist Zegeye  
Executive Director

*Amanda Giuttari*  
Amanda Giuttari  
Sr. Fiscal Management Analyst, Finance

cc: Doug Atkin, Division Administrator, FHWA  
Theresa Garcia Crews, Regional Administrator, FTA  
Nicole Majeski, Secretary  
Shanté Hastings, Deputy Secretary  
Lanie Clymer, Director, Finance  
Pamela Steinebach, Director, Planning  
John T. Sisson, Chief Executive Officer, Delaware Transit Corporation

# Statewide Bike/Ped Program FY24

## Construction Projects

1. **T202230001 Georgetown to Lewes Trail, Fisher Road to Airport Road (Sussex County)**
  - a. Construction scheduled to be start FY24. Construction funding from RAISE Grant
2. **T202301601 West Street Pathway (Kent County)**
  - a. Construction scheduled to start FY24.
3. **T202201701 Cedar Neck Road Pathway (Sussex County)**
  - a. Construction scheduled to be start FY24.
4. **T202301701 Munchy Branch Pathway, Phase II (Sussex County)**
  - a. Construction scheduled to start FY24.
5. **School Lane bike/ped facility (New Castle County)**
  - a. Construction scheduled to start FY24

## Final Design Projects

6. **T201769009 Double Bridges Road Multi-Use Trail (Sussex County)**
  - a. Design underway. PS&E scheduled for 9/24.
7. **T202301501 Old Baltimore Pike Side Path, Salem Church to SR72 (NCC)**
  - a. Design underway PS&E 7/24
8. **T202301502 East Coast Greenway, SR4 side path gap (New Castle County)**
  - a. Design underway PS&E 6/24
9. **T202301602 MILFORD US 113 PATHWAY - PHASE 1 (Kent County)**
  - a. Design to begin FY24
10. **T202301603 NE FRONT STREET PATHWAY (Kent County)**
  - a. Design to begin FY24
11. **T202101501 Augustine Cut-off Pathway (New Castle County)**
  - a. Design to begin FY24.

**12. South Little Creek Rd Shared Use Pathway**

- a. Design to begin FY24.

**13. SR 4 SUP ADA Improvements & Active Transportation Improvements**

- a. Design to begin FY24.

# **TAP FY24 info as of 7/18/23**

## **Active Construction Projects**

- 1. T201820001 NW & NE Front Street (Kent County)**
  - a. Construction expected to be complete December 2023.

## **Existing Projects in Various Stages**

- 2. DOT2307-SAFER Eisenberg Elementary; McCullough Middle School; Wilmington Montessori; now Safe Routes to School-2023 Various (New Castle County)**
  - a. Construction scheduled to start this fall and complete this fall.
  - b. Reviewing bid & analysis since all locations got combined together for re-advertisement.
- 3. T202320006 Woodland and Daisy Avenue Sidewalk (Sussex County)**
  - a. Project Administered by the Town of Oceanview.
  - b. They will advertise, award, and manage the project and be reimbursed.
  - c. Federal provisions and any DelDOT Contract provisions will apply.
  - d. Construction this fall 2023.
- 4. T202020102 State Road Sidewalk Improvements (Sussex County)**
  - a. PS & E this FY 24 and begin construction this fall.
  - b. Construction under TAP funding.
- 5. T202120006 Laurel Ramble Phase II (Sussex County)**
  - a. Revising Final Plans; and have obtained sponsor share.
  - b. Coordination with the Town and Redevelopment Corporation since they wish (and need), to provide bulkhead along the river. This may delay PS & E or actual construction since the bulkhead project must come first in same area.
  - c. PS & E this fall and let project sit while bulkhead project commences.
- 6. T201620011 Southbridge Streetscape Improvements Phase II (New Castle County)**
  - a. PS & E this winter 2023 with spring 2024 construction.
  - b. Project delayed due to city's overlapping project for storm drain/sewer line separation.
  - c. Traffic signal breakout (early action) completed June 2023.
- 7. T202320003 Southbridge Streetscape Improvements Phase III (New Castle County)**
  - a. PE design scheduled to start FY24 this summer. Survey needs are the first step.
- 8. T202220001 New Castle Avenue Area Sidewalks and Streetscapes (New Castle County)**
  - a. PE set-up and survey phase completed. Working on preliminary plans.
  - b. Workshop and greater public outreach later this fall with a fall/winter workshop.

- 9. T202320011 Frederica Road Pedestrian Improvements (Kent County)**
  - a. Concept package complete and to begin PE engineering design this summer.
  - b. CTF has partially contributed to the PE. CTF may be needed to help fund construction sponsor match.
  
- 10. T202120003 Old Brandywine Village, Streetscape Improvements, Phase II-III (New Castle County)**
  - a. PE stage with survey and preliminary this fall/winter. Hoping to accomplish public workshop before end of the year.
  
- 11. T202320101 Safe Routes to School Bayard School (New Castle County)**
  - a. PE funding request submitted, so survey and PE design this fall 2023.
  - b. This project can be accelerated.
  
- 12. T202020001 Laurel Ramble Riverwalk (Sussex County)**
  - a. Concept design and planning package complete (Nov 2022) and shared with parties.
  - b. Project may not move forward until other riverwalk phases are first complete and other properties have a development plan.
  - c. The future path unable to traverse under the rail bridge but will circumnavigate around.
  
- 13. T202320005 Newark, Paper Mill Road, Olan Thomas Park Path (New Castle County)**
  - a. Seeking sponsor match at this time and to begin PE engineering design later this summer and during FY24.
  
- 14. T202320014 Townsend Sidewalk Walkability (New Castle County)**
  - a. Beginning Planning and concept efforts FY 24.
  - b. CTF also contributed will apply towards construction.
  - c. We have considered PE efforts (when that occurs) to fall under SRTS.
  
- 15. T202320015 Midtown Brandywine Streetscape (New Castle County)**
  - a. Planning concept feasibility to begin this fall/summer.
  - b. This is not a SRTS, nor will efforts address maintenance.
  - c. CTF provided will help fund construction along with the City of Wilmington.
  
- 16. T202320016 Tri Parks Pedestrian Improvements (New Castle County)**
  - a. Efforts to begin in FY 24; awaiting scope from consultant team.
  - b. We are assuming that County Parks does not change policy in having a designated section of county parks open to the public (past dusk) for transportation accessibility.
  - c. There are several new rights of way public accessibility corridors proposed. This may not occur.
  
- 17. T202321002 Safe Routes to School, First State Montessori Academy (New Castle County)**
  - a. The project may also qualify under the Safe Routes to School as a Non-infrastructure Related Project.



- b. There may be a series of smaller recommendations for the City of Wilmington to implement at intersections.
- c. The issue is not SRTS per se, but crossing 10<sup>th</sup> Street during school between buildings.
- d. Expected to start FY 24. The immediate school vicinity and surrounding area will be assessed that could lead to a safer pedestrian experience.

**18. S. Walnut Street Streetscape Milford (Sussex County) (note: we need contract #)**

- a. Efforts to follow planning and concept effort undertaken for the corridor by the city.
- b. The TAP project intends to program missing sidewalk links or other elements that may not dictate the solution for this corridor area.
- c. Concept Planning or PE engineering design not scheduled until later FY 24 since city needs time to complete their corridor study and finalize cross-sections.

**19. T202320019 Sussex Drive Streetscape, Lewes (Sussex County)**

- a. Concept design and feasibility assessment to begin this summer/fall.
- b. This is a SRTS qualifier for PE funding assistance.

**20. T202320012 Nanticoke Heritage Byway – Gateway Signs and Informational Kiosks (Sussex County)**

- a. Develop a plan for kiosk installations along the Nanticoke Heritage Byway.
- b. Awaiting proposal from consultant but initial efforts expected to begin this fall.
- c. Sponsor match will be obtained which was designated from the bond bill.

**21. T202320007 Berzins Nature Trails (Sussex County)**

- a. PE engineering to begin this summer; setting up the money and town agreement to federally obligate
- b. There were elements of the project that do not qualify and will be designed and included separately.
- c. If this project requires wetland mitigation or full ADA compliance everywhere, there may be issues.

**22. T202320008 NE Front Street, Phase II, Milford (Kent County)**

- a. Continuation of current construction west towards North Rehoboth Boulevard (1B).
- b. This project may not improve the intersection which is a capital project.
- c. May include a pipe/culvert replacement need.
- d. Project scope kick off this summer with PE later in FY 24 (winter).

**23. T202320017 Town of Cheswold Pedestrian Safety Improvements (Kent County)**

- a. Planning and assessment study effort first to assess pedestrian sidewalk & safety needs throughout town limits.
- b. Based on funding availability or prioritization, construction efforts can implement something identified. They identified three crossings.
- c. Efforts to begin later in FY 24 (fall/winter)

**24. T202320003 Northwest Front Street, Phase I, Milford (Kent County)**

- a. Continuation of current decorative brick sidewalk east.
- b. This project may not significantly alter cross sections of road which is a capital project and unknown how to sequence if under TAP.
- c. Project scope kick off this summer with PE later in FY 24 (winter).

## **Concept Planning or Feasibility Assessment Only**

**25. T202320018 N. Dupont Road Pedestrian Safety and Streetscape (New Castle County)**

- a. Planning and project assessment effort will begin in the fall and during FY24. Effort will determine options or viability of options. The ultimate solution(s) or project recommendation may fall outside the TAP as a capital project.
- b. This is not a SRTS project, or its objective.

**26. T202320013 Town of Smyrna, Commerce Street Streetscaping (Kent County)**

- a. The Town would like to complete a cohesive concept plan for the potential improvement of existing and/or installation of new sidewalks, curb ramps, crosswalks, streetlights, pedestrian benches, trash receptacles, etc. along an eight-block section of Commerce Street.
- b. Based on priorities, recommendations, and costs, the town may leverage back into the TAP program (or other funding programs) to fund improvements in any specific sequence.

**27. T202320004 West Fourth Street Bicycle and Pedestrian Improvements, Lewes (Sussex County)**

- a. The project involves a traffic pop-up demonstration and outreach likely for curb bump outs or dedicated bike lanes. There have not been any detailed or programed discussions with the community about anything in this corridor. As such, this is only a planning effort to help confirm and determine whether future programming stages are really needed to improve safety for pedestrians and bicyclists as well as traffic calming measures for non-motorized uses.
- b. Efforts to begin in FY24 this winter.

## **Existing Projects Completed in Concept Design but May not Move Forward**

**28. T202320020 Two-Way King Street at H. Fletcher Brown Park (New Castle County)**

- a. The City of Wilmington may not agree with our recommendations for the 16<sup>th</sup> Street continuous sweep turn (there is weaving safety). So, the project may not move forward? The Concept package is complete (May 2023) and awaiting feedback from DelDOT Traffic Safety from the city's additional request to make changes. Fate in moving this project forward will be determined this summer.

**29. T202320010 Lovering Ave and Dupont Street (New Castle County)**

- a. Concept planning package complete (June 2023) and shared with interested parties. The City of Wilmington disagrees with our findings and options. The city was more focused on addressing auto traffic improvement needs. This project will not move forward.

## Others

30. Please also note that we have a FLAP grant for \$125,000 (all federal) which we intend to receive the funding in calendar year 2024 from FHWA. Efforts intended for National Park Service signage around the First State National Historical Park, New Castle County locations. A secondary planning study for pedestrian accessibility and safety needs around the NPS Delaware properties (all three counties) is also anticipated pending monies left over or newly awarded. It is our intention to also use our dedicated FLAP and state funds dedicated to FLAP in both efforts. Name and contract are being obtained this summer.
31. We also have a National Scenic Byway Federal Grant up to \$900,000. There will be state matches contributed. This shall involve non-motorized accessibility and assessment needs along the Delaware Bayshore Byway (all counties). And amenities such as rest room and kiosks in North Bowers and Milford (Kent County). We are currently obtaining funding requirements and project set-up information in July.

**Federal Fiscal Year 2023 Obligation Plan  
State Fiscal Year 2024 Spend**

8/16/2023

<b>ITMS State Fiscal Year 2024 Spend</b>					
<b>Description</b>	<b>Federal Amount</b>	<b>State Amount</b>	<b>Total</b>	<b>STP/CMAQ</b>	<b>Justification</b>
ITMS Planning and Engineering	\$2,384,000.00	\$596,000.00	\$2,980,000.00	STBGP	Planning and Engineering consultant support to provide traffic signal software on-call support, on-call ITS planning and engineering, University of Delaware ITS Lab support, transportation homeland security and emergency management planning support, FCC required WTMC radio engineering, Transportation Management Team (TMT) program support, TMC dispatch support, TMC Technician training, and ITMS related software development and network support.
Verizon Connected and Autonomous Vehicle (CAV) Pilot Project	\$160,000.00	\$40,000.00	\$200,000.00	STBGP	This pilot project will evaluate Verizon's virtual roadside unit (vRSU, aka VZMODE) and multi-access edge compute (MEC) technologies through deployment and real world case testing. These products have the potential to provide vehicle-to-everything (V2X) safety related warning messages to such as work zones, incidents or crashes, and emergency vehicle preemption (fire trucks and ambulances). The technology uses wireless communications over Verizon's 4G/5G network to a mobile handset mounted in a vehicle.
ITMS Telecommunications	\$960,000.00	\$240,000.00	\$1,200,000.00	CMAQ	This project is a phase of a multi-year project to implement a fiber optic and wireless based statewide telecommunication system to support connection of facilities and transportation management control, monitoring and information field devices; to include traffic signals, electronic signing, electronic detection, travel information systems, and etc. This phase includes the installation/upgrade of ITMS fiber optics and wireless networks. Continued implementation of 4.9 GHz and 900 MHz statewide broadband wireless telecommunication systems to support expansion of the ITMS as defined in the 2017 Integrated Transportation Management System (ITMS) Strategic plan.
Artificial Intelligence Enhanced Traffic Operations and Management System (AI-TOMS)	\$960,000.00	\$240,000.00	\$1,200,000.00	CMAQ	This project involves building upon the work recently completed in the development of the AI-TOMS platform as part of the ATCMTD Grant. This platform uses artificial intelligence and machine learning algorithms to assist in traffic response and operations activities. This phase of the AI-TOMS program will expand the system to include additional signal corridors within the three project areas (I-95 corridor in New Castle County, US 13 in the Smyrna/Dover area, and SR 1 corridor in the Beach resort area in Sussex County). This will include the continued integration of Yunex traffic signal controllers into AI-TOMS and implementation of automated signal timing and control functions within the platform.
Indian River Inlet Bridge (IRIB) Variable Message Signs (VMS)	\$176,000.00	\$44,000.00	\$220,000.00	CMAQ	This project includes the installation of two VMS devices approaching the Indian River Inlet Bridge from the north and south in advance of major detour routes. The use case for these two devices is to provide general traveler information and to alert motorists of any closure or other impacts to the IRIB and divert them to secondary routes.
Telecommunication Hub Upgrades	\$80,000.00	\$20,000.00	\$100,000.00	CMAQ	The Telecommunications Hub Upgrades component involves upgrading DelDOT's six large hub shelters to include uninterruptible power supplies, electrical monitoring equipment and backup generators. The installation of this equipment will allow for these facilities, and the DelDOT communications network, to remain online during severe storms or other events that disrupt utility power supplies, making the overall network more resilient and reliable when it is most needed. DelDOT will also utilize funding to procure one portable generator that they can deploy to a hub location impacted by utility power outages.
<b>TOTAL FY22 PROGRAM</b>	<b>\$4,720,000.00</b>	<b>\$1,180,000.00</b>	<b>\$5,900,000.00</b>		

STP	\$2,544,000.00	80%	\$3,180,000.00
CMAQ	\$2,176,000.00	80%	\$2,720,000.00
<b>TOTAL FY 22 PROGRAM</b>	<b>\$4,720,000.00</b>	<b>80%</b>	<b>\$5,900,000.00</b>