

WILMAPCO Council

Action Item Summary Sheet

Meeting Date: September 8, 2022

Action Item #11 : To Approve use of Federal STBG, CMAQ, FTA Urbanized Area, FTA 5310, and TAP Funds in FY 2023

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 2023.

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 at their August 18 meeting.

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

The Air Quality Subcommittee reviewed this at the August 18 meeting and concurred with the use of CMAQ funds.

The Nonmotorized Transportation Working Group reviewed the proposed TAP and CMAQ funded bicycle and pedestrian projects via email.

WILMAPCO Staff Recommendations:

The WILMAPCO staff recommends that Council approve the proposed use of federal funds for FY 2023.

DRAFT RESOLUTION

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

Michael Kline
Mayor of North East

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

**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 2023 projects.

Date:

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 20, 2022

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 2023 projects as follows:

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

<u>Project</u>	<u>Amount</u>
Denny Road & Lexington Parkway Intersection Improvements	\$880,000
Elkton Road Landscaping	\$350,000
Mill Creek Road and Stoney Batter Road Drainage Improvements	\$1,400,000
Shared Use Path, S. Church St to S. Walnut St, Wilmington	\$2,002,077
Statewide Paving & Rehabilitation	\$14,777,402
Statewide Rail Crossing Safety	\$1,756,000
Total	\$21,165,479

FTA Urbanized Area (5307)

<u>Project</u>	<u>Amount</u>
Preventive Maintenance - New Castle County	\$5,200,000
Claymont Station	\$3,929,657
US 13 Southbound BBRT Lane	\$2,000,000
Paratransit Replacement Buses NCC FY23	\$2,458,080
Churchman’s Crossing Fairplay Station Parking Expansion	\$1,700,000
Total	\$15,287,737

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

<u>Project</u>	<u>Amount</u>
Statewide Rideshare – Transportation Management Improvements	\$384,000
Statewide Bicycle and Pedestrian Improvements	\$2,880,000
US13, Paving and Pedestrian Improvements – Llangollen Blvd	\$4,800,000
SR9, New Castle Ave, Landers Lane to A Street	\$1,500,000



Statewide Transportation Management Improvements	\$2,176,000
Total	\$11,740,000

FTA Elderly and Persons with Disabilities (5310)

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

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

<u>Project</u>	<u>Amount</u>
Statewide Transportation Alternatives (FHWA)	\$5,300,000
Transportation Alternatives Wilmington Urbanized Area (FTA)	\$160,000
Total	\$5,460,000

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
 Nicole Johnson, Assistant Director, Finance

Statewide Bike/Ped Program FY23

Construction Projects

1. **Georgetown to Lewes Trail, Cool Spring to Fisher Road (Sussex County)**
 - a. Construction scheduled to be completed by September 2022.
2. **Capital City Trail, S. State Street to US13 T201830001 (Kent County)**
 - a. Construction scheduled to be completed December 2022
3. **Munchy Branch Trail T201801701 (Sussex County)**
 - a. Construction scheduled to be completed September 2022
4. **Savannah Road Sidewalks (Sussex County)**
 - a. Construction scheduled to be completed August 2022

Final Design Projects

5. **Double Bridges Road Multi-Use Trail T201769009 (Sussex County)**
 - a. Project on hold pending legislative community meeting output
6. **Brenford Road Sidewalk Improvements (Kent County)**
 - a. Project design underway. PS&E will be put on hold so the project can be combined with the Brenford Road Capital Improvement Project
7. **Augustine Cut-off Pathway (NCC)**
 - a. Design to begin on phase I of the project in October 2022.
8. **School Lane bike/ped facility (NCC)**
 - a. PS&E scheduled for May 2023
9. **Old Baltimore Pike Side path, Salem Church to SR72 (NCC)**
 - a. Design to begin August 2022
10. **East Coast Greenway, SR4 side path gap (NCC)**
 - a. Design to begin September 2022

11. Cedar Neck Road Pathway (Sussex County)

- a. Design underway. PS&E scheduled for December 2023

12. Munchy Branch Pathway Phase II (Sussex County)

- a. Design to begin September 2022.

13. Georgetown to Lewes Trail, Fisher Road to Airport Road (Sussex County)

- a. Design underway. PS&E scheduled for November 2023

14. West Street Pathway (Kent County)

- a. Design to begin in August 2022

**Federal Fiscal Year 2022 Obligation Plan
State Fiscal Year 2023 Spend**

8/10/2022

ITMS State Fiscal Year 2023 Spend					
Description	Federal Amount	State Amount	Total	STP/ CMAQ	Justification
ITMS Planning and Engineering	\$2,119,200.00	\$529,800.00	\$2,649,000.00	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.
ITMS Telecommunications	\$1,214,132.12	\$303,533.03	\$1,517,665.15	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.
ITMS Field Devices /Support - Traffic Signal System	\$400,000.00	\$100,000.00	\$500,000.00	CMAQ	Provides for the purchase of Yunex Traffic developed software that is required to integrate the under development ATCMTD AI-TOMS project software to DelDOT's existing Yunex Traffic Tactics statewide signal control system. The required software module will facilitate the automatic exchange and modification of data between and stored on Tactics and AI-TOMS computer servers. The advanced predictive and adaptive capabilities of AI-TOMS will generate changes to Tactics traffic signal control data with the expected result of improved individual signalized intersection and corridor performance. The expected signal system performance improvements will result in reduced intersection and corridor delay. The Tactics traffic signal control and monitoring system is presently connected to the approximately 1200 DelDOT operated traffic signals statewide. The AI-TOMS software is being developed with artificial intelligence (AI) and machine learning capabilities with expected continuous improvement of traffic signal system and overall statewide
ITMS Field Devices /Support - Video Management System	\$144,800.00	\$36,200.00	\$181,000.00	STBGP	This is the enhancement of the video management system. This includes the addition of fixed location, portable trailer, and vehicle mounted cameras statewide. The project includes the planning and implementation of video based turning movement count and incident detection technology.
ITMS Field Devices /Support - Traffic Detection and Travel Times	\$561,867.88	\$140,466.97	\$702,334.85	CMAQ	This is a phase of a multi-year project to design, construct and implement both fixed location and portable electronic traffic detection devices. The detection will be with microwave, bluetooth and video based technologies that can be controlled and monitored real-time from the TMC. The devices will provide the capability to gather travel information and vehicle data at key points statewide.
ITMS Field Devices /Support - Roadway Weather Information System - Hydrology	\$280,000.00	\$70,000.00	\$350,000.00	STBGP	This project is a planned multi-year project to expand the existing roadway weather information system (RWIS), mobile automated roadway information system (MARWIS), and flood monitoring system.

**Federal Fiscal Year 2022 Obligation Plan
State Fiscal Year 2023 Spend**

8/10/2022

ITMS State Fiscal Year 2023 Spend				
TOTAL FY22 PROGRAM	\$4,720,000.00	\$1,180,000.00	\$5,900,000.00	

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

TAP and SRTS Status – Best Known information as of July 27, 2022; for FY 23

<u>Project</u>	<u>Project Manager</u>	<u>Description</u>	<u>Status</u>
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TAP PROJECTS			
<p>Old Brandywine Village Streetscape Improvements, Phase III</p>	<p>T202120005 (Planning Concept number only) Chip Kneavel</p>	<p>New TAP project effort needing feasibility estimates and inclusion into the Phase II efforts. This project continues in part of the Phase II streetscape improvements which is at intersection of Market Street and Vandever Avenue. Improvement limits for the Phase III were scoped last summer and a different range of TAP options will be presented or continuing down Vandever Avenue to Jessup Street (i.e. much already improved). So this project and the Phase II will be determined more uniformly.</p>	<p>Waiting for agreement to be signed by COW as well as match under the Phase II. PE stage should be this fall/winter.</p>
<p>Lovering Avenue & N. Dupont Street Triangle Reconfiguration</p>	<p>T202120005 (Planning Concept number only) Chip Kneavel</p>	<p>Project scoped last summer with concept planning efforts beginning. The scope intends to provide a “T” intersection to simplify traffic and pedestrian movements. This project can or will be connected, combined, or phased together with the Augustine Cut-Off Pathway project – at least to enjoin bike/ped and interaction of vehicular safety.</p>	<p>Efforts scoped and project is attempting to be mixed or grouped with the Augustine Cut-Off and Lovering Ave. Ped and traffic counts are needed and is being programmed. Concept public workshop anticipated this fall.</p>
<p>Southbridge Streetscapes, Phase III</p>	<p>T202220003 Mike Hahn</p>	<p>Pedestrian lighting throughout, missing sidewalk connections and/or repair, and a decorative traffic signal with ped crossing elements at C Street and New Castle Avenue are expected. Striping for a bike lane along S. Claymont from D Street to Lobdell was rejected from the project and will not move forward.</p>	<p>Concept and cost estimates submitted and posted to project web site. Meeting with the City need to confirm concepts and anticipated costs and expectation for what they need to sponsor or for PE. PE may be expected this fall/winter.</p>
<p>Old Brandywine Village Streetscapes, Phase II</p>	<p>T202120003 Chip Kneavel</p>	<p>Continuation of Phase I along Concord Ave. from W 22nd Street across N. Market Street onto Vandever Ave. Now looking to group Phase III portions into the Phase II.</p>	<p>PE engineering is close to being set up; needing COW sponsor match and to sign agreement. PE may occur this fall/winter.</p>

TAP and SRTS Status – Best Known information as of July 27, 2022; for FY 23

<u>Project</u>	<u>Project Manager</u>	<u>Description</u>	<u>Status</u>
Southbridge Streetscape Improvements Phase II	T201620011 Mike Hahn	Project is in the City of Wilmington that will include pedestrian upgrades extended south of A Street along Heald Street and New Castle Avenue to Townsend Street. New decorative traffic signal at B Street and Wayfinding entrance sign at C Street. Decorative street lighting in various locations.	ON HOLD; PS & E likely Spring 2023; project delayed due to city's overlapping project for storm drain/sewer line separation which would impact the TAP if undertaken first. Several components can be undertaken. Traffic signal breakout with installation this fall/winter. Neighborhood sign breakout can also be accomplished this fall.
White Clay Creek Bridge	T201620001 Aglio; Niezgoda	New separated pedestrian bridge crossing over WCC adjacent to Papermill Road. Richard E. Pierson Construction Company is contractor Bid award was \$1,039,981.25.	Project recently completed. This Project will be removed for next year.
First State National Historical Park Pedestrian Safety Project	T202166101 Kneavel/Valencik under FLAP which is under TAP) New number TBD	Pedestrian Safety Project with the Federal Lands Access Program (FLAP) grant (which is under TAP) to improve bike/pedestrian/equine road crossings for the National Park trail system. This is mostly covering Beaver Valley Road and Ramsey Roads. TAP participation and sponsor march effort are <u>state funded</u> . Efforts via DeIDOT Traffic open end for better signing and crosswalks markings along with shoulder improvement. In addition, working with the NPS and Greater Wilmington Visitor and Convention Bureau on wayfinding with use of State and FLAP monies for Byways signing (Red Clay Byway Area) and First State National Historical Park in other areas not indicated above. Both agencies have proposed wayfinding efforts to be approved, funded, and processed with DeIDOT.	Efforts Complete. Seeking grant reimbursement. Determining actual funding needs and scheduling as effort may be transferred to DeIDOT's program.

TAP and SRTS Status – Best Known information as of July 27, 2022; for FY 23

<u>Project</u>	<u>Project Manager</u>	<u>Description</u>	<u>Status</u>
New Castle Avenue Area Sidewalks and Streetscapes	T202220001 Mike Hahn/Kelly Valencik	Sidewalk improvements along selected roads (Bizarre, Morehouse, Hillview) along route 9 south of Wilmington. Components of Rt 9 Land Use & Transportation Master Plan. Lambson Lane sidewalks on the south end were recently added to scope of work/effort and to address PAR locations.	Concept planning package completed with revised estimate. PE set-up and survey phase (current) with anticipated outreach later this fall/winter for preliminary plans.
H. Fletcher Brown Park	T201620017 Todd Pryor/Mike Hahn	Two Way traffic at King Street with traffic lane reconfiguration for bike lanes crossing along both approach ends of the N. Market Street Bridge (two main intersections beyond the bridge). A new signal and all pedestrian improvement needs are proposed north of the bridge. Other re-striping and sidewalk needs are proposed. The turning radius and re-curb-ing needs for traffic calming and ped safety are also proposed at	Project is no longer on hold with 2018 concept package and estimates. Wilmington Initiatives meeting and public workshop in June and July. Meeting with the city is needed to verify the project. Don't know if project goes back to Planning or moved to PE in some stage? This will not be a two-phase project.
TAP Call for Projects	DeIDOT and WILMAPCO	We anticipate at least 2, maybe 3, new projects to be selected to the TAP program. Projects will be applicable to the current suballocation for and first determined by WILMAPCO as well as those project applications that might also be selected under the use of flex funding. # of new project/efforts selected really depend on total TAP submissions in the state and with that of each anticipated cost(s) and how that might compare with minimal funding allocations per population zone and flex funding per fiscal year.	Call for new projects is active under revised TAP application. Review of new applications expected later this fall with award notifications. Joint cooperation and review with WILMAPCO are called for.
Safe Routes to School Projects			
Downes Elementary	T201769008 Chip Kneavel	Ped & bike Improvements along Casho Mill Rd.	Recently Completed

TAP and SRTS Status – Best Known information as of July 27, 2022; for FY 23

<u>Project</u>	<u>Project Manager</u>	<u>Description</u>	<u>Status</u>
Claymont Phase II	T201769005 Chip Kneavel	Pedestrian Improvement on Green and Commonwealth Streets.	Recently Completed
Eisenberg Elementary	T202069004 Chip Kneavel	Pedestrian Improvements around Eisenberg Elementary.	Final Plan with PS & E for August/Sept.
McCullough Middle School	T202069008 Chip Kneavel	Pedestrian improvements around McCullough Middle School.	Final Plan with PS & E for August/Sept.
Wilmington Montessori	T201769011 Chip Kneavel	Pedestrian & bike improvements at Harvey and Sconset Roads.	Final Plan with PS & E for August/Sept.
Bayard Middle	Concept Planning Chip Kneavel	Concept – signing and striping.	Concept Planning complete with public outreach during recent June Wilmington Initiatives meeting. Project package (i.e. concept planning) complete and project will not move forward.
Project Closures			
None			