

SALISBURY/WICOMICO METROPOLITAN PLANNING ORGANIZATION

TRANSPORTATION IMPROVEMENT PROGRAM FISCAL YEAR 2020 – 2023

ADOPTED DECEMBER 17, 2019

ADMINISTRATIVE MODIFICATION FEBRUARY 24, 2020

ADMINISTRATIVE MODIFICATION APRIL 14, 2020

AMENDED JULY 31, 2020

Salisbury/Wicomico Metropolitan Planning
Organization
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Federal Project Number: MD-81-0007

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Table of Contents

| | Page |
|---|---------|
| Introduction | 1 |
| Organization and Management | 2 |
| Metropolitan Planning Organization | 2 |
| Technical Advisory Committee (TAC) | 3 |
| MPO Staff | 3 |
| Organizational Procedures and Bylaws | 3 |
| Public Participation Process | 4 |
| Project Prioritization | 5 |
| Maryland Projects | |
| Environmental Projects | 6 |
| Safety and Spot Improvements | 7 |
| Resurface and Rehabilitation | 8 |
| Bridge Replacement and Rehabilitation | 9 |
| Urban Street Reconstruction and Revitalization | 10 |
| Congestion Management | 11 |
| Bridge 2200400 Replacement | 12 |
| Small Urban Transit System – Shore Transit Capital Assistance | 13 - 15 |
| Small Urban Transit System – Shore Transit Operating Assistance | 16 |
| Delaware Projects | |
| Road Systems: Arterial | 18 |
| Road Systems: Local | 20 |
| Bridge and Bridge Rehabilitation | 22 |
| Transit Systems: Vehicles | 28 |
| Statewide Project Listing | 35 |
| Metropolitan Transportation Planning Process Certification | 39 |
| Air Quality Conformity Determination | 41 |
| Transportation Performance Management 1 measures | 42 |
| Transit Asset Management Plan measures | 48 |

**RESOLUTION BY THE
SALISBURY/WICOMICO METROPOLITAN PLANNING ORGANIZATION COUNCIL
ADOPTING THE FY 2020 – FY 2023 TRANSPORTATION IMPROVEMENT PROGRAM
RESOLUTION 04-2019**

WHEREAS, the Salisbury/Wicomico Metropolitan Planning Organization ("S/WMPO") was established to conduct regional transportation planning for the S/WMPO area in accordance with Federal requirements;

WHEREAS, the S/WMPO Council is the governing body for the S/WMPO;

WHEREAS, the Maryland Department of Transportation ("MDOT"), Delaware Department of Transportation ("DelDOT"), and the S/WMPO prepared the FY 2020 – FY 2023 Transportation Improvement Program ("TIP") for the S/WMPO Area in compliance with applicable Federal programs and regulations;

WHEREAS, on December 12, 2019, the Draft FY 2020 – FY 2023 TIP was reviewed by the S/WMPO Technical Advisory Committee, which made a favorable recommendation to forward the document to the S/WMPO Council for review and action; and

WHEREAS, the Draft FY 2020 – FY 2023 TIP was available for public review and comment for a period of no less than 15-days prior to an action of the S/WMPO Council, which no public comments were received;

WHEREAS, on December 17, 2019, a Public Hearing was held to hear from proponents and opponents about the Draft FY 2020 – FY 2023 TIP, which no public comments occurred at the Public Hearing; and

NOW, THEREFORE, BE IT RESOLVED the S/WMPO Council does hereby adopt the FY 2020 – FY 2023 TIP, dated December 17, 2019, for the S/WMPO Urbanized Area.

12/17/2019
Date

Matthew E. Creamer
Matthew E. Creamer, Chairman, S/W MPO Council

**RESOLUTION BY THE SALISBURY/WICOMICO
METROPOLITAN PLANNING ORGANIZATION COUNCIL
AMENDING THE TRANSPORTATION IMPROVEMENT PROGRAM
Dated April 14, 2020
RESOLUTION NO. 04-2020**

WHEREAS, the Salisbury/Wicomico Metropolitan Planning Organization ("S/WMPO") was established to conduct regional transportation planning for the S/WMPO area in accordance with applicable federal requirements;

WHEREAS, the S/WMPO Council is the governing body for the S/WMPO;

WHEREAS, the Maryland Department of Transportation ("MDOT"), Delaware Department of Transportation ("DelDOT"), and the S/WMPO prepared the FY 2020 – FY 2023 Transportation Improvement Program ("TIP") for the S/WMPO Area in compliance with applicable Federal programs and regulations;

WHEREAS, the FY 2020 – FY 2023 TIP include the following proposed amendments:

- (1) PP. 3, Introduction:
 - a. 3rd paragraph, new 7th and 8th sentence: Added new sentences "Per the request of MDOT, an amendment was reviewed by the S/WMPO Council on July 31, 2020, to increase funding for TIP Project Code 7, Replacement of Bridge 2200400 on US 13 Business (Fruitland Boulevard) over East Branch of Wicomico River. The total increase of \$450,000.00 is for construction activities in FY 2021 and FY 2022, which represents an increase of \$64,000.00 and \$386,000.00, respectively.";
- (2) PP. 5, Public Participation Process:
 - a. 2nd paragraph, new 7th and 8th sentence: Added new sentences "Per the request of MDOT, an amendment was reviewed by the S/WMPO Council on July 31, 2020, to increase funding for TIP Project Code 7, Replacement of Bridge 2200400 on US 13 Business (Fruitland Boulevard) over East Branch of Wicomico River. The total increase of \$450,000.00 is for construction activities in FY 2021 and FY 2022, which represents an increase of \$64,000.00 and \$386,000.00, respectively.";
- (3) PP. 13, Comments:
 - a. Deleted "Construction funding reflects Phase 1 only. Remaining construction phases to advertise at a later date.";
 - b. Added "Construction funding reflects funding for only utility relocation work in advance of bridge replacement, funding for which will be programmed at a later date."
- (4) PP. 13, Table:
 - a. FY 2021 column and CONSTR row: Added "64.0";
 - b. FY 2022 column and CONSTR row: Added "386.0";
 - c. FY 2020-2023 TOTAL column and CONSTR row: Added "450.0";
 - d. FY 2021 column and TOTAL row:
 - i. Deleted "202.0";
 - ii. Added "266.0";
 - e. FY 2022 column and TOTAL row:

- i. Deleted "186.0";
 - ii. Added "572.0";
- f. FY 2020-2023 TOTAL column and TOTAL row:
 - i. Deleted "582.0";
 - ii. Added "1,032.0"

WHEREAS, the aforementioned amendments to the FY 2020 – FY2023 TIP were reviewed by the S/WMPO Technical Advisory Committee on July 21, 2020, which made a favorable recommendation to forward them to the S/WMPO Council for their review and action; and

WHEREAS, prior to Council action a 15-day public review and comment period was instituted. No comments were received;

WHEREAS, the proposed amendments to the S/WMPO's TIP have undergone appropriate review by the Council and were considered at a Public Hearing on July 31, 2020; and

NOW, THEREFORE, BE IT RESOLVED that the S/WMPO Council does hereby adopt the above mentioned amendments to the FY 2020 – FY 2023 TIP, which supersede all previous versions of the S/WMPO's FY 2020 – FY 2023 TIP concerning regional transportation planning.

7/31/2020
Date

Matthew E. Creamer
Matthew E. Creamer, Chairman, S/WMPO Council

**SALISBURY/WICOMICO METROPOLITAN PLANNING ORGANIZATION
TRANSPORTATION IMPROVEMENT PROGRAM
FY 2020 – FY 2023**

INTRODUCTION

As a result of the 2010 U.S. Census, the Maryland portion of the Urbanized Area for the Salisbury/Wicomico Metropolitan Planning Organization (“S/WMPO”) includes the City of Salisbury, City of Fruitland, Town of Delmar (Md. & De.), Town of Hebron, and adjacent unincorporated areas of Wicomico County, Md. and Somerset County, MD. The Town of Delmar, Town of Laurel, Town of Blades, City of Seaford, and portions of unincorporated Sussex County, De. are located in the portion of the S/WMPO’s Urbanized Area in Delaware. The Metropolitan Planning Area boundary, which includes the Urbanized Area, is a larger area including anticipated growth areas of the member jurisdictions for the next 20 years.

The population of the 2010 Urbanized Area as defined by the U.S. Census Bureau was 98,081 with 73,493 persons residing in Maryland (74.9%) and approximately 24,588 persons residing in Delaware (25.1%), as of the 2010 Census. A population of 50,000 or greater is required for designation of an urbanized area.

Since the 1960’s the federal government has established urban transportation planning requirements in all metropolitan areas, as a prerequisite to the approval of federal funding (23 CFR Part 450 and 49 CFR Part 613). The regulations require a continuing, comprehensive and cooperative (“3-C”) planning process in all urbanized areas. The S/W MPO is the planning agency responsible for transportation planning within the identified planning area in accordance with Federal regulations.

In 1991, the Intermodal Surface Transportation Efficiency Act (“ISTEA”) was passed. This act revised some of the established regulations and procedures and placed a new emphasis on Metropolitan Planning Organizations. As part of this Act the MPO planning process has been more specifically defined and new planning requirements have been prescribed.

In 1998, the Transportation Equity Act for the 21st Century (“TEA-21”) was passed continuing the initiatives of the 1991 Act and adding several new provisions and programs.

In 2005, the Safe, Accountable, Flexible, and Efficient Transportation Equity Act: A Legacy for Users (“SAFETEA-LU”) was passed, building on the foundation established by ISTEA and TEA-21 and representing the largest surface transportation investment in the Nation’s history. SAFETEA-LU expired in 2009 and after a series of Continuing Resolutions, Moving Ahead for Progress in the 21st Century (“MAP-21”) was signed into law by President Barack Obama in July 2012.

MAP-21 is a two year bill that seeks to build on and refine many of the highway, transit, bike and pedestrian programs and policies established by ISTEA in 1991. MAP-21 seeks to focus the federal aid program on the following national goals:

1. Safety;
2. Infrastructure;
3. Congestion Reduction;
4. System Reliability;
5. Freight Movement and Economic Vitality;
6. Environmental Sustainability; and
7. Reduced Project Delivery Dates.

On December 4, 2015, President Obama signed into law Fixing America's Surface Transportation ("FAST") Act. The FAST Act provides funding certainty for infrastructure planning and capital programming over a five-year timeframe extending from FY 2016 through FY 2020. Overall, the FAST Act maintains current program structures and funding shared between highways and transit. Also, the law makes changes and reforms to many Federal transportation programs, including, streamlining the review and approval processes for new transportation projects, providing new safety tools, and establishing new programs to advance critical freight projects.

This Transportation Improvement Program ("TIP"), which is a component of the prescribed Metropolitan Planning Process, is a compendium of all federally-funded and regionally significant transportation projects that have been programmed for a four-year period for the Salisbury Urbanized Area. Consistent with the Organization's adopted Public Participation Plan, this TIP was available for 15-day public review and comment period prior to an action of the S/WMPO Council. The FY 2020 – FY 2023 TIP was originally adopted on by the S/WMPO Council on December 17, 2019, via Resolution 04-2019.

On February 24, 2020, the S/WMPO processed an Administrative Modification ("AM") requested by DelDOT. The Program Funding phase estimate increased by \$250,000.00 due to additional funding requirements for the Bridge Management Program (FHWA funding percentages changed from 90 / 10 to 80 / 20). The increased federal obligation will occur in FY 2020 and the additional spend will occur in FY 2021 and FY 2022. Per the request of the Maryland Department of Transportation ("MDOT"), an AM was processed on April 14, 2020, to increase Section 5339 funding by \$850,000.00 for capital assistance in FY 2021 for Shore Transit capital projects (TIP project Code 8). This new funding was awarded through the Section 5339 Bus & Bus Facilities discretionary program. The funding will be used to provide three (3) small bus replacements, three (3) medium duty bus replacements, as well as converting six (6) buses to propane. Per the request of MDOT, an amendment was reviewed by the S/WMPO Council on July 31, 2020, to increase funding for TIP Project Code 7, Replacement of Bridge 2200400 on US 13 Business (Fruitland Boulevard) over East Branch of Wicomico River. The total increase of \$450,000.00 is for construction activities in FY 2021 and FY 2022, which represents an increase of \$64,000.00 and \$386,000.00, respectively.

Organization and Management

Metropolitan Planning Organization

The S/WMPO was designated by Maryland Governor Robert L. Ehrlich on February 19, 2004, and is the primary agency responsible for transportation planning within the MPO's Planning Area. Amendments to the Prospectus and Bylaws to expand the voting membership representing Delaware jurisdictions and governmental agencies on the Technical Advisory Committee and Council were approved on November 24, 2015.

The primary governing body of the S/WMPO is the Council, which consists of twelve (12) voting members. The voting members consist of representatives from the following governments and agencies:

- Maryland Department of Transportation (1 position)
- Wicomico County (3 positions)
- City of Salisbury (2 positions)
- City of Fruitland (1 position)
- Town of Delmar, MD (1 position)
- Tri-County Council for the Lower Eastern Shore of MD (1 position)
- Delaware Department of Transportation (1 position)
- Sussex County (1 position)
- City of Seaford (1 position)

Technical Advisory Committee (TAC)

The S/WMPO Council has established a Technical Advisory Committee (“TAC”) comprised of technical representatives to provide technical expertise and develop recommendations to assist the Council by reviewing and recommending revisions to the planning process, data collection, forecast, the Long-Range Transportation Plan, the Transportation Improvement Program and the Unified Planning Work Program. The current TAC voting membership includes representation from the various member jurisdictions, as well as from transportation organizations and relevant state agencies. The TAC includes representation from all modes of transportation in addition to various levels of government, which their expertise affords the opportunity to achieve a unified transportation planning effort.

MPO Staff

The S/WMPO Executive Director is an employee of the Wicomico County Department of Planning, Zoning and Community Development. The S/WMPO Executive Director manages the daily operations of the S/WMPO as directed by the Council and recommendations of the TAC, and coordinates all planning projects and activities identified by the Council. The S/WMPO Executive Director is the local liaison to the State and Federal agencies involved in transportation planning consistent with the requirements of a Metropolitan Planning Organization.

Organizational Procedures and Bylaws

The S/WMPO operates under an adopted set of Bylaws, which were last amended on June 23, 2020. Wicomico County provides support services to the S/WMPO, including legal, and financial and purchasing services. Staff performing these services operate under the rules and procedures of Wicomico County and the State of Maryland. The S/WMPO’s official records are maintained in the Salisbury-Wicomico County Department of Planning, Zoning and Community Development’s offices in Room 203 of the Government Office Building, North Division Street and U.S. Route 50, Salisbury, MD, 21803. The S/WMPO records are available for public inspection during normal business hours, Monday through Friday, 8:00 AM to 5:00 PM.

**SALISBURY/WICOMICO
METROPOLITAN PLANNING ORGANIZATION**

PUBLIC PARTICIPATION PROCESS

The Salisbury/Wicomico Metropolitan Planning Organization Council is the policy body for transportation planning in the Metropolitan Area and meet as needed to conduct S/WMPO business such as approval of an annual Unified Planning Work Program (“UPWP”) and TIP. The S/WMPO Council also acts to amend these documents as necessary. The S/WMPO Council meetings are advertised on the S/WMPO website, local newspaper, PAC 14 and are open to the public. Opportunities for the public to comment on S/WMPO issues are provided at meetings, as well as submitting comments via e-mail or fax during the public comment period, which no public comments were received during the comment period. After a review of the draft FY 2020 – FY 2023 TIP, the S/WMPO Council approved the FY 2020 – FY 2023 TIP on December 17, 2019 via Resolution 04-2019.

On February 24, 2020, the S/WMPO processed an Administrative Modification (“AM”) requested by DelDOT. The Program Funding phase estimate increased by \$250,000.00 due to additional funding requirements for the Bridge Management Program (FHWA funding percentages changed from 90 / 10 to 80 / 20). The increased federal obligation will occur in FY 2020 and the additional spend will occur in FY 2021 and FY 2022. Per the request of the Maryland Department of Transportation (“MDOT”), an AM was processed on April 14, 2020, to increase Section 5339 funding by \$850,000.00 for capital assistance in FY 2021 for Shore Transit capital projects (TIP project Code 8). This new funding was awarded through the Section 5339 Bus & Bus Facilities discretionary program. The funding will be used to provide three (3) small bus replacements, three (3) medium duty bus replacements, as well as converting six (6) buses to propane. Per the request of MDOT, an amendment was reviewed by the S/WMPO Council on July 31, 2020, to increase funding for TIP Project Code 7, Replacement of Bridge 2200400 on US 13 Business (Fruitland Boulevard) over East Branch of Wicomico River. The total increase of \$450,000.00 is for construction activities in FY 2021 and FY 2022, which represents an increase of \$64,000.00 and \$386,000.00, respectively.

In compliance with SAFETEA-LU and as part of the FY 2008 UPWP, a Public Participation Plan has been developed and was adopted in June 2008, and amended on November 30, 2011. This Plan documents and formalizes the public participation process, which is conducted for all S/WMPO activities including the development, review and approval of the TIP. Specifically, the Plan requires a 15-day public comment period for the TIP, which includes amendments exceeding those permitted as administrative modifications. Moreover, the Plan requires opportunity for public review and comment prior to an action of the S/WMPO Council.

PROJECT PRIORITIZATION

Maryland's small MPO's, which are staffed by County Planning Offices, do not have formally defined project prioritization processes. However, the MPO's have a role in the development of the Maryland Consolidated Transportation Program ("CTP") containing all of the projects programmed in the Metropolitan Transportation Improvement Programs.

In addition to the frequent and in some cases daily coordination and consultation between S/WMPO Administrator and MDOT, there are several mechanisms for reaching consensus on the programming of local transportation projects as follows:

- **Maryland Association of Counties & Maryland Municipal League:** These two organizations meet annually and provide both formal and informal opportunities for local elected officials and County representatives in the State to share and discuss transportation needs. MPO policy body members are members of these groups.
- **Secondary Program Priority Letter:** State and local elected officials are encouraged to reach consensus on local priorities for the secondary highway system and to document these priorities in a letter to the State Highway Administration. The priorities become candidates for funding and inclusion in the CTP.
- **Annual CTP Tour:** In the Fall of every year the Secretary of Transportation and the Department's modal administrators visit each of the State's 23 counties and Baltimore City to present and solicit input on the Draft CTP from local elected officials, state legislators and citizens. Information obtained at these meetings is used in the development of the final CTP that is presented to the General Assembly for approval at the beginning of the 90-day legislative session in January. Since County elected officials are members of all of Maryland's small MPO policy boards, the MPOs are represented and consulted during the annual CTP Tour.

Salisbury/Wicomico
Metropolitan Planning Organization
FY 2020 – FY 2023
TRANSPORTATION IMPROVEMENT PROGRAM

Project Code 1 STIP# SPP Categories I

Project Name Environmental Projects Limits Areawide

Improvement Description Program to provide environmental and aesthetic improvements on State Highways

Responsible Agency MDOT SHA

Miles: _ Highway System Primary/Secondary Funding NHPP/STP/TAP/HSIP/Other Ratio 80/20 - NHPP, STP, TAP 90/10 - HSIP

| PHASE | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2020-2023 TOTAL |
|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| PP | 50.0 | 50.0 | 40.0 | 40.0 | 180.0 |
| PE | 260.0 | 260.0 | 200.0 | 200.0 | 920.0 |
| ROW | 50.0 | 50.0 | 30.0 | 30.0 | 160.0 |
| CONSTR. | 2,000.0 | 1500.0 | 1,000.0 | 1,000.0 | 5,500.0 |
| <i>TOTAL</i> | <i>2,360.0</i> | <i>1,860.0</i> | <i>1,270.0</i> | <i>1,270.0</i> | <i>6,760.0</i> |

Project Costs (All \$ * 1,000)

Salisbury/Wicomico
Metropolitan Planning Organization
FY 2020 – FY 2023
TRANSPORTATION IMPROVEMENT PROGRAM

Project Code 2 STIP# SPP Categories 2

Project Name Safety and Spot Improvements Limits Areawide

Improvement Description Program to provide localized improvements to address safety and / or operational issues on State highways

Responsible Agency MDOT SHA

Miles_ Highway System Primary/Secondary Funding NHPP/STP/CMAQ/HSIP/OTHER Ratio 80/20 – NHPP, STP
90/10 – HSIP
100/0 – CMAQ

| PHASE | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2020 - 2023 TOTAL |
|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------|
| PP | 100.0 | 100.0 | 80.0 | 80.0 | 360.0 |
| PE | 700.0 | 700.0 | 500.0 | 500.0 | 2,400.0 |
| ROW | 80.0 | 50.0 | 50.0 | 50.0 | 230.0 |
| CONSTR. | 4,000.0 | 4,000.0 | 3,000.0 | 3,000.0 | 14,000.0 |
| <i>TOTAL</i> | <i>4,880.0</i> | <i>4,850.0</i> | <i>3,630.0</i> | <i>3,630.0</i> | <i>16,990.0</i> |

Project Costs (All \$ * 1,000)

Salisbury/Wicomico
Metropolitan Planning Organization
FY 2020 – FY 2023
TRANSPORTATION IMPROVEMENT PROGRAM

Project Code 3 STIP# SPP Categories 3

Project Name Resurface and Rehabilitate Limits Areawide

Improvement Description Program to provide periodic resurfacing and upgrading of auxiliary features on State highways

Responsible Agency MDOT SHA

Miles__ Highway System Primary/Secondary Funding NHPP/STP/HSIP/
Other Ratio 80/20 –
NHPP, STP,
90/10 – HSIP

| PHASE | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2020-2023 TOTAL |
|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|
| PP | 100.0 | 100.0 | 80.0 | 80.0 | 360.0 |
| PE | 300.0 | 300.0 | 200.0 | 200.0 | 1,000.0 |
| ROW | 100.0 | 100.0 | 50.0 | 50.0 | 300.0 |
| CONSTR. | 8,000.0 | 8,000.0 | 7,000.0 | 7,000.0 | 30,000.0 |
| <i>TOTAL</i> | <i>8,500.0</i> | <i>8,500.0</i> | <i>7,330.0</i> | <i>7,330.0</i> | <i>31,660.0</i> |

Project Costs (All \$ * 1,000)

Salisbury/Wicomico
Metropolitan Planning Organization
FY 2020 – FY 2023
TRANSPORTATION IMPROVEMENT PROGRAM

Project Code 4 STIP# SPP Categories 4

Project Name Bridge Replacement and Rehabilitation Limits Areawide

Improvement Description Program to provide major upgrades to and maintenance of structures on State highways

Responsible Agency MDOT SHA

Miles__ Highway System Primary/Secondary Funding NHPP/STP/Other Ratio 80/20 – NHPP, STP

| PHASE | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2020-2023 TOTAL |
|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|
| PP | 70.0 | 70.0 | 50.0 | 50.0 | 240.0 |
| PE | 900.0 | 800.0 | 800.0 | 800.0 | 3,300.0 |
| ROW | 70.0 | 70.0 | 50.0 | 50.0 | 240.0 |
| CONSTR. | 2,500.0 | 2,000.0 | 2,000.0 | 2,000.0 | 8,500.0 |
| <i>TOTAL</i> | <i>3,540.0</i> | <i>2,940.0</i> | <i>2,900.0</i> | <i>2,900.0</i> | <i>12,280.0</i> |

Project Costs (All \$ * 1,000)

Salisbury/Wicomico
Metropolitan Planning Organization
FY 2020 – FY 2023
TRANSPORTATION IMPROVEMENT PROGRAM

Project Code 5 STIP# SPP Categories 5

Project Name Urban Street Reconstruction and Revitalization Limits Areawide

Improvement Description Program to provide roadway rehabilitation and streetscape improvements on State roads in municipalities and urban areas.

Responsible Agency MDOT SHA

Miles__ Highway System Primary/Secondary Funding NHPP/STP/Other Ratio 80/20 – NHPP, STP

| PHASE | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2020-2023 TOTAL |
|---------------------|---------------------|---------------------|---------------------|---------------------|-----------------------|
| PP | 10.0 | 10.0 | 10.0 | 10.0 | 40.0 |
| PE | 80.0 | 80.0 | 80.0 | 80.0 | 320.0 |
| ROW | 10.0 | 10.0 | 10.0 | 10.0 | 40.0 |
| CONSTR. | 250.0 | 250.0 | 250.0 | 250.0 | 1,000.0 |
| <i>TOTAL</i> | <i>350.0</i> | <i>350.0</i> | <i>350.0</i> | <i>350.0</i> | <i>1,400.0</i> |

Project Costs (All \$ * 1,000)

Salisbury/Wicomico
Metropolitan Planning Organization
FY 2020 – FY 2023
TRANSPORTATION IMPROVEMENT PROGRAM

Project Code 6 STIP# SPP Categories 6

Project Name Congestion Management Limits Areawide

Improvement Description Program to provide traffic control, management, and monitoring on State facilities.

Responsible Agency MDOT SHA

Miles Highway System Primary/Secondary Funding NHPP/STP/Other Ratio 80/20 – NHPP, STP
100/0 – CMAQ

| PHASE | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2020-2023 TOTAL |
|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| PP | 20.0 | 20.0 | 20.0 | 20.0 | 80.0 |
| PE | 475.0 | 475.0 | 400.0 | 400.0 | 1,750.0 |
| ROW | 10.0 | 10.0 | 10.0 | 10.0 | 40.0 |
| CONSTR. | 1,000.0 | 1,000.0 | 800.0 | 800.0 | 3,600.0 |
| <i>TOTAL</i> | <i>1,505.0</i> | <i>1,505.0</i> | <i>1,230.0</i> | <i>1,230.0</i> | <i>5,470.0</i> |

Project Costs (All \$ * 1,000)

Salisbury/Wicomico
Metropolitan Planning Organization
FY 2020 – FY 2023
TRANSPORTATION IMPROVEMENT PROGRAM

| | | | |
|-------------------------|--|----------------|--|
| Project Code | 7 | STIP# | WI-2221 |
| Project Name | U.S. 13 Bridge 2200400 Replacement over East Branch of Wicomico River | Limits | Bridge 2200400 on U.S. 13 Business (Fruitland Boulevard) over East Branch of Wicomico River |
| Improvement Description | Bridge 2200400 replacement on U.S. 13 Business over east Branch of Wicomico River | | |
| Responsible Agency | MDOT SHA | | |
| Current Lanes | 2 | Highway System | <div style="display: flex; justify-content: space-between;"> <u>Urban</u> <u>Other</u> </div> <div style="display: flex; justify-content: space-between;"> <u>Principle Arterial</u> </div> |
| Miles | 0.20 | Highway System | State Primary |
| | | Funding | NHPP-Z001 |
| | | Ratio | 78/22 |
| Related Projects | | | |
| Comments | Construction funding reflects funding for only utility relocation work in advance of bridge replacement, funding for which will be programmed at a later date. | | |

| PHASE | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2020-2023 TOTAL |
|--------------|--------------|--------------|--------------|------------|-----------------------|
| PP | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| PE | 12.0 | 0.0 | 0.0 | 0.0 | 12.0 |
| ROW | 182.0 | 202.0 | 186.0 | 0.0 | 570.0 |
| CONSTR. | 0.0 | 64.0 | 386.0 | 0.0 | 450.0 |
| TOTAL | 194.0 | 266.0 | 572.0 | 0.0 | 1,032.0 |

Project Costs (All \$ * 1,000)

Salisbury/Wicomico
Metropolitan Planning Organization
FY 2020 – FY 2023
TRANSPORTATION IMPROVEMENT PROGRAM

Project Code 8 STIP# SW14_CAP_1

Project Name Small Urban Transit System (Shore Transit – Tri-County Council for the Lower Eastern Shore)

Improvement Description Capital Assistance for transit services provided by Shore Transit

Responsible Agency Maryland Department of Transportation / Maryland Transit Administration

Funding Various Ratio 80% federal,
10 % state,
and
10 % local

Related Projects See below.

Comments Capital assistance will enable Shore Transit to continue to operate public transit service in and around the City of Salisbury. There are no State funds in Mobility Management & Bus Facilities.

| Project | Funding Source | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2020-2023 TOTAL |
|---------------------------------------|----------------|--------------|--------------|--------------|--------------|-----------------------|
| Preventative Maintenance (5307) | Federal | 640.0 | 640.0 | 640.0 | 640.0 | 2,560.0 |
| | State | 80.0 | 80.0 | 80.0 | 80.0 | 320.0 |
| | Local | 80.0 | 80.0 | 80.0 | 80.0 | 320.0 |
| | Total | 800.0 | 800.0 | 800.0 | 800.0 | 3,200.0 |
| Mobility Management (5307) | Federal | 114.0 | 114.0 | 114.0 | 114.0 | 456.0 |
| | State | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Local | 29.0 | 29.0 | 29.0 | 29.0 | 116.0 |
| | Total | 143.0 | 143.0 | 143.0 | 143.0 | 572.0 |
| Small Cutaway Buses (5339) | Federal | 173.0 | 173.0 | 181.0 | 186.0 | 713.0 |
| | State | 22.0 | 22.0 | 23.0 | 23.0 | 90.0 |
| | Local | 22.0 | 22.0 | 23.0 | 23.0 | 90.0 |
| | Total | 217.0 | 217.0 | 227.0 | 232.0 | 893.0 |

| | | | | | | |
|---------------------|--------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Medium Duty | Federal | 407.0 | 416.0 | 426.0 | 437.0 | 1,686.0 |
| Buses | State | 51.0 | 52.0 | 53.0 | 55.0 | 211.0 |
| (5339) | Local | 51.0 | 52.0 | 53.0 | 55.0 | 211.0 |
| | Total | 509.0 | 520.0 | 532.0 | 547.0 | 2,108.0 |
| Bus and Bus | Federal | 0.0 | 850.0 | 0.0 | 0.0 | 850.0 |
| Facilities | State | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| (5339) | Local | 0.0 | 150.0 | 0.0 | 0.0 | 150.0 |
| | Total | 0.0 | 1,000.0 | 0.0 | 0.0 | 1,000.0 |
| <i>TOTAL</i> | | <i>1,669.0</i> | <i>2,680.0</i> | <i>1,702.0</i> | <i>1,722.0</i> | <i>7,773.0</i> |

Project Costs (000's)

Salisbury/Wicomico
Metropolitan Planning Organization
FY 2020 – FY 2023
TRANSPORTATION IMPROVEMENT PROGRAM

| | | |
|-------------------------|---|---|
| Project Code | 9 | STIP# SW14_CAP_2 |
| Project Name | Small Urban Transit System (Shore Transit – Tri-County Council for the Lower Eastern Shore) | |
| Improvement Description | Capital Assistance for transit services provided by Shore Transit. | |
| Responsible Agency | Maryland Department of Transportation / Maryland Transit Administration | |
| Funding | <u>Various</u> | Ratio 80% - federal <u>20% - local</u> |
| Related Projects | <u>See below.</u> | |
| Comments | <u>Capital assistance will enable Shore Transit to continue to enhance mobility services for seniors and persons with disabilities.</u> | |

| Funding Type | Funding Source | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2020-2023 TOTAL |
|---|-----------------------|-------------------|---------------------|-------------------|---------------------|-----------------------|
| Section 5310 Preventive Maintenance | Federal | 0.0 | 89.6 | 0.0 | 89.6 | 179.2 |
| | State | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Local | 0.0 | 22.4 | 0.0 | 22.4 | 44.8 |
| | Total | 0.0 | 112.0 | 0.0 | 112.0 | 224.0 |
| Section 5310 Replacement Bus | Federal | 0.0 | 98.9 | 0.0 | 101.3 | 200.2 |
| | State | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Local | 0.0 | 24.7 | 0.0 | 25.3 | 50.0 |
| | Total | 0.0 | 123.6 | 0.0 | 126.6 | 250.2 |
| Total | <i>Federal</i> | <i>0.0</i> | <i>188.5</i> | <i>0.0</i> | <i>190.9</i> | <i>379.4</i> |
| | <i>State</i> | <i>0.0</i> | <i>0.0</i> | <i>0.0</i> | <i>0.0</i> | <i>0.0</i> |
| | <i>Local</i> | <i>0.0</i> | <i>47.1</i> | <i>0.0</i> | <i>47.7</i> | <i>94.8</i> |
| | <i>Total</i> | <i>0.0</i> | <i>235.6</i> | <i>0.0</i> | <i>238.6</i> | <i>474.2</i> |

Project Costs (000's)

Salisbury/Wicomico
Metropolitan Planning Organization
FY 2020 – FY 2023
TRANSPORTATION IMPROVEMENT PROGRAM

| | | |
|-------------------------|---|-----------------------|
| Project Code | 9 | STIP# SW14_OP_1 |
| Project Name | Small Urban Transit System (Shore Transit – Tri-County Council for the Lower Eastern Shore) | |
| Improvement Description | Operating and maintenance assistance for transit services provided by Shore Transit. | |
| Responsible Agency | Maryland Department of Transportation / Maryland Transit Administration | |
| Funding | <u>Various</u> | Ratio <u>Variable</u> |
| Related Projects | <u>See below.</u> | |
| Comments | <u>Operating assistance will enable Shore Transit to continue to operate public transit services in and around the City of Salisbury.</u> | |

| Funding Type | Funding Source | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2020-2023 TOTAL |
|--------------|----------------|----------------|----------------|----------------|----------------|-----------------------|
| Section 5307 | Federal | 1,592.0 | 1,592.0 | 1,592.0 | 1,592.0 | 6,368.0 |
| | State | 521.0 | 521.0 | 521.0 | 521.0 | 2,084.0 |
| | Local | 1,071.0 | 1,071.0 | 1,071.0 | 1,071.0 | 4,284.0 |
| | Total | 3,184.0 | 3,184.0 | 3,184.0 | 3,184.0 | 12,736.0 |
| Section 5311 | Federal | 226.0 | 226.0 | 226.0 | 226.0 | 904.0 |
| | State | 113.0 | 113.0 | 113.0 | 113.0 | 452.0 |
| | Local | 113.0 | 113.0 | 113.0 | 113.0 | 452.0 |
| | Total | 452.0 | 452.0 | 452.0 | 452.0 | 1,808.0 |
| Total | Federal | 1,818.0 | 1,818.0 | 1,818.0 | 1,818.0 | 7,272.0 |
| | State | 634.0 | 634.0 | 634.0 | 634.0 | 2,536.0 |
| | Local | 1,184.0 | 1,184.0 | 1,184.0 | 1,184.0 | 4,736.0 |
| | Total | 3,636.0 | 3,636.0 | 3,636.0 | 3,636.0 | 14,544.0 |

Project Costs (000's)

DELAWARE PROJECTS

FY 20 – FY 23

ROAD SYSTEM: ARTERIAL

Road System: Arterials

Highway Safety Improvement Program

Project Scope/Description: Program to provide localized improvements to address safety and / or operational issues on State highways.

County: Sussex

Funding Program: Road System – Local

Functional Category: Local

Representative District: Countywide

Senatorial District: Countywide

Estimated Cost: \$48,618,850.00

STIP# (SPP Categories) 2

Project Name: Highway Safety Improvement Program

Funding (Sources) State

Ratio (Sources) Variable (80/20%, 90/10% TC, and 100% State)

| Project Spend Schedule (X \$000) | | | | | | | | | | |
|----------------------------------|----------------------|--------------------------|--------------|--------------------------|--------------|--------------------------|--------------|--------------------------|--------------|---------------------------|
| Project | Phase | FY 20 State/ Other | FY 20 Fed | FY 21 State/ Other | FY 21 Fed | FY 22 State/ Other | FY 22 Fed | FY 23 State/ Other | FY 23 Fed | FY 20 - FY 23 Total |
| | PE (80/20%) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | PE (90/10% TC) | 0.0 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| | PE (100% State) | 173.2 | 0.0 | 50.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 223.2 |
| | ROW (80/20%) | 856.9 | 3,427.4 | 250.0 | 1,000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5,534.3 |
| | ROW (90/10%) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | ROW (80/20% TC) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | ROW (90/10 TC) | 0.0 | 200.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 200.0 |
| | ROW (100% State) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | CE (80/20%) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | CE (90/10%) | 22.5 | 202.5 | 22.5 | 202.5 | 22.5 | 202.5 | 20.0 | 180.0 | 875.0 |
| | C (80/20%) | 0.0 | 0.0 | 600.0 | 2,400.0 | 1,919.1 | 7,676.2 | 0.0 | 0.0 | 12,595.3 |
| | C (90/10%) | 493.0 | 4,437.0 | 800.0 | 7,200.0 | 250.0 | 2,250.0 | 0.0 | 0.0 | 15,430.0 |
| | Traffic (80/20%) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Traffic (90/10%) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Traffic (100% State) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Utilities (80/20%) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Utilities (90/10%) | 7.0 | 63.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 70.0 |
| | Cont. (80/20%) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Cont. (90/10%) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Cont. (90/10% TC) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Cont. (100% State) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | N/A | 1,552.6 | 8,429.9 | 1,722.5 | 10,802.5 | 2,191.6 | 10,128.7 | 20.0 | 180.0 | 35,027.8 |

ROAD SYSTEM: LOCAL

Road System: Local
Discount Land Road

Project Scope/Description: Improvements include roadway widening, bicycle lanes and the construction of a sidewalk or multi-use path adjacent to the roadway. Project limits extend from Seaford Road to U.S. Route 13. Construction is anticipated to begin in the Spring of 2022.

County: Sussex
Funding Program: Road System – Local
Functional Category: Local
Representative District: 40
Senatorial District: 21
Estimated Cost: \$3,050,000.00
STIP# (SPP Categories) 5
Project Name: Urban Street Reconstruction and Revitalization
Funding (Sources) State
Ratio (Sources) 100%

| Project Spend Schedule (X \$000) | | | | | | | | | | |
|----------------------------------|-------|--------------------------|--------------|--------------------------|--------------|--------------------------|--------------|--------------------------|--------------|------------------------|
| Project | Phase | FY 20 State/ Other | FY 20 Fed | FY 21 State/ Other | FY 21 Fed | FY 22 State/ Other | FY 22 Fed | FY 23 State/ Other | FY 23 Fed | FY 20 - FY 23 Total |
| T201801301 | PE | 225.0 | 0.0 | 75.0 | 0.0 | 25.0 | 0.0 | 0.0 | 0.0 | 325.0 |
| | ROW | 0.0 | 0.0 | 350.0 | 0.0 | 150.0 | 0.0 | 0.0 | 0.0 | 500.0 |
| | C | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 0.0 | 2,000.0 | 0.0 | 2,100.0 |
| Total | N/A | 225.0 | 0.0 | 425.0 | 0.0 | 275.0 | 0.0 | 2,000.0 | 0.0 | 2,925.0 |

BRIDGE REPLACEMENT AND REHABILITATION

Bridges:

Scour Countermeasures, BR 3-145, BR 3-231, BR 3-814, and BR 3-214

Project Scope/Description: This project involves pouring a concrete floor between footings for 4 three-sided concrete frames experiencing scour. Riprap will be placed at the upstream and downstream openings as well.

County: Sussex
 Funding Program: Road System – Bridge
 Functional Category: Management
 Representative District: 35, 36, and 39
 Senatorial District: 18, 19, and 21
 Estimated Cost: \$810,000.00
 STIP# (SPP Categories) 4
 Project Name: Bridge Replacement and Rehabilitation
 Funding (Sources) State
 Ratio (Sources) 100%

| Project Spend Schedule (X \$000) | | | | | | | | | | |
|----------------------------------|-------|--------------------------|--------------|--------------------------|--------------|--------------------------|--------------|--------------------------|--------------|------------------------|
| Project | Phase | FY 20 State/ Other | FY 20 Fed | FY 21 State/ Other | FY 21 Fed | FY 22 State/ Other | FY 22 Fed | FY 23 State/ Other | FY 23 Fed | FY 20 - FY 23 Total |
| T201707604 | PE | 00.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | ROW | 10.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10.0 |
| | C | 0.0 | 0.0 | 800.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 800.0 |
| Total | N/A | 10.0 | 0.0 | 800.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 810.0 |

Bridges:

BR 3-152 on Central Avenue and BR 3-161 on Poplar Street over Broad Creek

Project Scope/Description: The project involves the rehabilitation of both bridges. The work for Bridge 3-152 includes the replacement of the main steel superstructure with concrete beams with a concrete deck. The new beams will sit on new abutments constructed behind the existing abutments. The existing counterweight and steel girders will remain in place to maintain the bridges historic character. The work for Bridge 3-161 includes painting the existing steel and repairs to the pier and abutment to fix the bridge permanently. Both bridges will be closed during construction, although not at the same time. Both bridges will be fixed in place after construction.

Project Justification: Bridges 3-152 and 3-161 both are structurally deficient. Bridge 3-152 is the primary entry route into downtown Laurel, on US 13A, and is currently posted for 13 tons. This bridge needs to be capable of safely carrying all DE legal loads including fire and rescue. BR 3-161 is currently posted for 15 tons and needs rehabilitation. Both bridges have been identified as needing work by the Pontis Bridge Management System. Rehabilitation of these bridges will help the Department meet its performance measure for percentage of bridges in poor condition. These bridges are ranked on the 2015 DelDOT Bridge Deficiency List (out of 1625 total bridges) as follows: Bridge 3-152 is ranked 91st and Bridge 3-161 is ranked 106th.

County: Sussex
Funding Program: Road System – Bridge
Functional Category: Management
Representative District: 40
Senatorial District: 21
Estimated Cost: \$4,942,613.00
STIP# (SPP Categories) 4
Project Name: Bridge Replacement and Rehabilitation
Funding (Sources) State/STP
Ratio (Sources) 80/20%

| Project Spend Schedule (X \$000) | | | | | | | | | | |
|----------------------------------|---------|--------------------------|--------------|--------------------------|--------------|--------------------------|--------------|--------------------------|--------------|------------------------|
| Project | Phase | FY 20 State/ Other | FY 20 Fed | FY 21 State/ Other | FY 21 Fed | FY 22 State/ Other | FY 22 Fed | FY 23 State/ Other | FY 23 Fed | FY 20 - FY 23 Total |
| T201407601 | PE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | ROW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | CE | 6.5 | 25.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 32.4 |
| | C | 35.5 | 142.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 177.6 |
| | Traffic | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Cont. | 143.8 | 575.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 718.8 |
| Total | N/A | 185.8 | 743.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 928.8 |

Bridges:

BR 3-162 on S466 Delaware Avenue over Broad Creek

Project Scope/Description: The project involves the replacement of the existing superstructure in-kind. Replacement includes bearings, prestressed beams, barriers, sidewalks and wearing surfaces. Additional rehabilitation work will be performed on the substructure to seal cracks, repair spalls, and clean, parge, and paint existing concrete surfaces. Minor reconstruction of the approach slabs and roadway will also be performed. Work will be achieved under a full road closure with detour for vehicles and pedestrians.

Project Justification: Deterioration of the existing prestressed beams has caused the bridge to become structurally deficient. Rehabilitation of this bridge will help the Department meet its performance measure for percentage of bridges in poor condition and will allow for a reliable detour during the construction of two adjacent structures in the near future. The bridge was selected by the Pontis Bridge Management System for work and is ranked 174th on the 2016 DelDOT Bridge Deficiency List (out of 1,625 total bridges).

County: Sussex
Funding Program: Road System – Bridge
Functional Category: Management
Representative District: 40
Senatorial District: 21
Estimated Cost: \$873,960.00
STIP# (SPP Categories) 4
Project Name: Bridge Replacement and Rehabilitation
Funding (Sources) State/STP
Ratio (Sources) 80/20%

| Project Spend Schedule (X \$000) | | | | | | | | | | |
|----------------------------------|---------|--------------------------|--------------|--------------------------|--------------|--------------------------|--------------|--------------------------|--------------|------------------------|
| Project | Phase | FY 20 State/ Other | FY 20 Fed | FY 21 State/ Other | FY 21 Fed | FY 22 State/ Other | FY 22 Fed | FY 23 State/ Other | FY 23 Fed | FY 20 - FY 23 Total |
| T201607602 | PE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | ROW | 20.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.0 |
| | C | 0.0 | 0.0 | 0.0 | 0.0 | 120.0 | 480.0 | 0.0 | 0.0 | 600.0 |
| | Utility | 40.0 | 160.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 200.0 |
| Total | N/A | 60.0 | 160.0 | 0.0 | 0.0 | 120.0 | 480.0 | 0.0 | 0.0 | 820.0 |

Bridges:

BR 3-254 N&S on US 13 over Nanticoke River

Project Scope/Description: Replacing the abutment back-walls, replacing deck joints, replacing approach slabs, repairing of cracks and spalls in the concrete, painting the steel and concrete, and replacing pile jackets.

Project Justification: Replacing the joints, repairing the substructure, installing pile jackets and sealing the deck will extend the life of the bridge.

County: Sussex
Funding Program: Road System – Bridge
Functional Category: Management
Representative District: 39
Senatorial District: 19
Estimated Cost: \$6,100,000.00
STIP# (SPP Categories) 4
Project Name: Bridge Replacement and Rehabilitation
Funding (Sources) State/STP
Ratio (Sources) 80/20%

| Project Spend Schedule (X \$000) | | | | | | | | | | |
|----------------------------------|-------|--------------------------|--------------|--------------------------|--------------|--------------------------|--------------|--------------------------|--------------|------------------------|
| Project | Phase | FY 20 State/ Other | FY 20 Fed | FY 21 State/ Other | FY 21 Fed | FY 22 State/ Other | FY 22 Fed | FY 23 State/ Other | FY 23 Fed | FY 20 - FY 23 Total |
| T201807602 | PE | 20.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.0 |
| | C | 0.0 | 0.0 | 1,100.0 | 4,400.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5,500.0 |
| Total | N/A | 20.0 | 0.0 | 1,100.0 | 4,400.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5,520.0 |

Bridges:
Records Pond Dam Improvements

Project Scope/Description: The project involves the replacement of the existing spillway, placement of riprap and grading on the embankment to improve safety of dam.

Project Justification: Regulated dams in Delaware require improvements to maintain safety.

County: Sussex
 Funding Program: Road System – Bridge
 Functional Category: Management
 Representative District: 40
 Senatorial District: 21
 Estimated Cost: \$6,165,170.00
 Project Name: Bridge Replacement and Rehabilitation
 Funding (Sources) Other - DNREC
 Ratio (Sources) 100%

| Project Spend Schedule (X \$000) | | | | | | | | | | |
|----------------------------------|-------|--------------------------|--------------|--------------------------|--------------|--------------------------|--------------|--------------------------|--------------|------------------------|
| Project | Phase | FY 20 State/ Other | FY 20 Fed | FY 21 State/ Other | FY 21 Fed | FY 22 State/ Other | FY 22 Fed | FY 23 State/ Other | FY 23 Fed | FY 20 - FY 23 Total |
| T201507605 | PE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | RW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | C | 2,592.6 | 0.0 | 2,407.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5,000.0 |
| Total | N/A | 2,592.6 | 0.0 | 2,407.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5,000.0 |

TRANSIT SYSTEM: VEHICLES

Transit: Vehicles

Transit Vehicle Expansion (3) 30' Low Floor Buses SC – FY 19

Project Scope/Description: This project will purchase three 30-foot buses to provide fixed route service in Sussex County.

Project Justification: This investment in support vehicle expansion is necessary to enable staff to monitor and maintain growing DTC operations and facilities in Sussex County.

County: Sussex
 Funding Program: Transit Systems - Vehicles
 Representative District: District Wide
 Senatorial District: District Wide
 Estimated Cost: \$1,440,900.00
 STIP# (SPP Categories): N/A
 Project Name: Capital assistance for urban transit systems
 Funding (Sources) 531I/State
 Ratio (Sources) 80/20%

| Project Spend Schedule (X \$000) | | | | | | | | | | |
|----------------------------------|-------------|--------------------------|--------------|--------------------------|--------------|--------------------------|--------------|--------------------------|--------------|------------------------|
| Project | Phase | FY 20 State/ Other | FY 20 Fed | FY 21 State/ Other | FY 21 Fed | FY 22 State/ Other | FY 22 Fed | FY 23 State/ Other | FY 23 Fed | FY 20 - FY 23 Total |
| T201850305 | Procurement | 5.8 | 23.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 29.2 |
| Total | N/A | 5.8 | 23.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 29.2 |

Transit: Vehicles
 Transit Vehicle Expansion (2) 35' Electric Buses SC – FY 19

Project Scope/Description: This project will purchase two 35-foot electric buses to provide fixed route service in Sussex County.

Project Justification: This investment in support vehicle expansion is necessary to enable staff to monitor and maintain growing DTC operations and facilities in Sussex County.

County: Sussex
 Funding Program: Transit Systems - Vehicles
 Representative District: District Wide
 Senatorial District: District Wide
 Estimated Cost: \$2,474,000.00
 STIP# (SPP Categories): N/A
 Project Name: Capital assistance for urban transit systems
 Funding (Sources) State/531I
 Ratio (Sources) 80/20%

| Project Spend Schedule (X \$000) | | | | | | | | | | |
|----------------------------------|-----------------------------|--------------------------|--------------|--------------------------|--------------|--------------------------|--------------|--------------------------|--------------|------------------------|
| Project | Phase | FY 20 State/ Other | FY 20 Fed | FY 21 State/ Other | FY 21 Fed | FY 22 State/ Other | FY 22 Fed | FY 23 State/ Other | FY 23 Fed | FY 20 - FY 23 Total |
| T201850304 | Procurement (80/20% FTA) | 50.0 | 200.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 250.0 |
| Not Assigned | Procurement (100% State) | 2,185.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2,185.7 |
| Total | N/A | 2,235.7 | 200.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2,435.7 |

Transit: Vehicles
 Transit Vehicle Replacement (7) 30' Buses SC – FY 22

Project Scope/Description: This project replaces seven existing 30-foot buses currently providing fixed route service in Sussex County.

Project Justification: This investment in transit vehicle replacement and refurbishment is necessary to meet the projected vehicle replacement schedule.

County: Sussex
 Funding Program: Transit Systems - Vehicles
 Representative District: 14 and 37
 Senatorial District: 18 and 19
 Estimated Cost: \$4,165,739.00
 STIP# (SPP Categories): N/A
 Project Name: Capital assistance for urban transit systems
 Funding (Sources) State
 Ratio (Sources) 100%

| Project Spend Schedule (X \$000) | | | | | | | | | | |
|----------------------------------|-------------|--------------------------|--------------|--------------------------|--------------|--------------------------|--------------|--------------------------|--------------|------------------------|
| Project | Phase | FY 20 State/ Other | FY 20 Fed | FY 21 State/ Other | FY 21 Fed | FY 22 State/ Other | FY 22 Fed | FY 23 State/ Other | FY 23 Fed | FY 20 - FY 23 Total |
| Not Assigned | Procurement | 0.0 | 0.0 | 0.0 | 0.0 | 4,165.7 | 0.0 | 0.0 | 0.0 | 4,165.7 |
| Total | N/A | 0.0 | 0.0 | 0.0 | 0.0 | 4,165.7 | 0.0 | 0.0 | 0.0 | 4,165.7 |

Transit: Vehicles
 Transit Vehicle Replacement (22) 30' Buses SC – FY 23

Project Scope/Description: This project will replace 22 30-foot buses currently providing fixed route service in Sussex County.

Project Justification: This investment in transit vehicle replacement and refurbishment is necessary to meet the projected vehicle replacement schedule.

County: Sussex
 Funding Program: Transit Systems - Vehicles
 Representative District: 14 and 37
 Senatorial District: 18 and 19
 Estimated Cost: \$13,016,300.00
 STIP# (SPP Categories): N/A
 Project Name: Capital assistance for urban transit systems
 Funding (Sources): State
 Ratio (Sources): 100%

| Project Spend Schedule (X \$000) | | | | | | | | | | |
|----------------------------------|-------------|--------------------------|--------------|--------------------------|--------------|--------------------------|--------------|--------------------------|--------------|------------------------|
| Project | Phase | FY 20 State/ Other | FY 20 Fed | FY 21 State/ Other | FY 21 Fed | FY 22 State/ Other | FY 22 Fed | FY 23 State/ Other | FY 23 Fed | FY 20 - FY 23 Total |
| Not Assigned | Procurement | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 13,016.3 | 0.0 | 13,016.3 |
| Total | N/A | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 13,016.3 | 0.0 | 13,016.3 |

Transit: Vehicles
Transit Vehicle Replacement Paratransit Buses SC Program

Project Scope/Description: This project will replace paratransit buses in Sussex County.

Project Justification: This investment in transit vehicle replacement and refurbishment is necessary to meet the projected vehicle replacement schedule.

County: Sussex
Funding Program: Transit Systems - Vehicles
Representative District: 14 and 37
Senatorial District: 18 and 19
Estimated Cost: \$19,412,100.00
STIP# (SPP Categories): N/A
Project Name: Capital assistance for urban transit systems
Funding (Sources) State
Ratio (Sources) 100%

| Project Spend Schedule (X \$000) | | | | | | | | | | |
|----------------------------------|-----------------------------|--------------------------|--------------|--------------------------|--------------|--------------------------|--------------|--------------------------|--------------|------------------------|
| Project | Phase | FY 20 State/ Other | FY 20 Fed | FY 21 State/ Other | FY 21 Fed | FY 22 State/ Other | FY 22 Fed | FY 23 State/ Other | FY 23 Fed | FY 20 - FY 23 Total |
| Not Assigned | Procurement (100% State) | 2,271.2 | 0.0 | 2,946.3 | 0.0 | 3,385.6 | 0.0 | 3,088. 0 | 0.0 | 11,691.1 |
| Total | N/A | 2,271.2 | 0.0 | 2,946.3 | 0.0 | 3,385.6 | 0.0 | 3,088. 0 | 0.0 | 11,691.1 |

Transit: Vehicles
 Transit Vehicle Replacement 4-40' Electric Buses

Project Scope/Description: This project will add 4-40' Electric Buses that will seasonally serve Sussex County and Wilmington.

Project Justification: The replacement of existing buses with 4 electric buses will greatly reduce emissions output and will help improve air quality across the State. In addition, the fleet expansion will increase service to otherwise under-served areas of Sussex County during the summer resort season.

County: Sussex
 Funding Program: Transit Systems - Vehicles
 Representative District: statewide
 Senatorial District: statewide
 Estimated Cost: \$4,340,000.00
 STIP# (SPP Categories): N/A
 Project Name: Transit Vehicle Replacement 4-40' Electric Buses
 Funding (Sources) 5339/State
 Ratio (Sources) 80/20%

| Project Spend Schedule (X \$000) | | | | | | | | | | |
|----------------------------------|-------------|--------------------------|--------------|--------------------------|-----------|--------------------------|--------------|--------------------------|--------------|------------------------|
| Project | Phase | FY 20 State/ Other | FY 20 Fed | FY 21 State/ Other | FY 21 Fed | FY 22 State/ Other | FY 22 Fed | FY 23 State/ Other | FY 23 Fed | FY 20 - FY 23 Total |
| T202050308 | Procurement | 0.0 | 0.0 | 868.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 868.0 |
| Total | N/A | 0.0 | 0.0 | 0.0 | 3,472.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3,472.0 |

Project Costs (000's)

STATEWIDE PROJECTS LISTING

| <i>Project</i> | <i>FY 2020 Total</i> | <i>FY 2021 Total</i> | <i>FY 2022 Total</i> | <i>FY 2023 Total</i> | <i>FY 2020 - FY 2023 Total</i> |
|---|--------------------------|--------------------------|--------------------------|--------------------------|--|
| <u>Bridge Management</u> | 6,337.6 | 7,736.4 | 7,806.8 | 6,881.8 | 28,762.6 |
| <u>Bridge Painting</u> | 6,342.0 | 4,000.0 | 3,200.0 | 3,200.0 | 16,742.0 |
| <u>Bridges (Total)</u> | 71,571.5 | 64,537.7 | 33,658.2 | 49,410.0 | 219,177.4 |
| <u>Bridge Inspection</u> | 6,337.3 | 5,966.0 | 6,046.0 | 6,173.6 | 24,522.9 |
| <u>Bicycle, Pedestrian, and Other Improvements</u> | 8,150.0 | 12,100.0 | 5,000.0 | 5,000.0 | 30,250.0 |
| <u>Design-Build Statewide Pipe Replacements (Statewide FLEX)</u> | | | | | |
| <u>Design-Build Statewide Pipe Replacements (Rural<5K)</u> | 2,963.8 | 976.4 | 1,460.0 | 0.0 | 5,400.2 |
| <u>FY 20 STIC Incentive Program – Bridge Project Public Involvement Total</u> | 100.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| <u>USGS StreamStats Update</u> | 352.0 | 50.0 | 0.0 | 0.0 | 402.0 |
| <u>H&H Analyses for Scour Critical Bridges</u> | 0.0 | 100.0 | 0.0 | 0.0 | 100.0 |
| <u>Bridge Preservation Program (Total)</u> | 5,175.4 | 0.0 | 9,142.0 | 16,080.0 | 30,397.4 |
| <u>Dams (Total)</u> | 5,490.5 | 4,217.4 | 2,800.0 | 2,700.0 | 15,208.0 |
| <u>Engineering and Contingency</u> | 33,090.0 | 30,915.1 | 30,745.0 | 30,745.0 | 125,495.1 |
| <u>Environmental Improvements</u> | 668.0 | 668.0 | 668.0 | 668.0 | 2,672.0 |
| <u>Intersection Improvements</u> | 10,360.0 | 10,360.0 | 10,360.0 | 10,360.0 | 41,440.0 |
| <u>Recreational Trails</u> | 1,132.1 | 1,132.1 | 1,132.1 | 1,132.1 | 4,528.4 |
| <u>Materials and Minor Contracts</u> | 17,690.2 | 11,325.0 | 10,875.0 | 10,875.0 | 50,765.2 |
| <u>Corridor Capacity Preservation</u> | 2,000.0 | 2,000.0 | 2,000.0 | 2,000.0 | 8,000.0 |
| <u>Paving and Rehabilitation</u> | 132,346.6 | 76,372.3 | 80,000.0 | 49,000.0 | 337,718.9 |
| <u>Slope Stabilization Program</u> | 5000.0 | 3,000.0 | 3,250.0 | 2,500.0 | 13,750.0 |
| <u>Pedestrian ADA Accessibility</u> | 3,500.0 | 4,000.0 | 4,500.0 | 5,000.0 | 17,000.0 |
| <u>Planning Program Development</u> | 3,000.0 | 3,000.0 | 3,000.0 | 3,000.0 | 12,000.0 |
| <u>Rail Crossing Safety</u> | 6,081.1 | 1,361.1 | 1,361.1 | 1,361.1 | 10,164.4 |
| <u>Railroad Rideability Program</u> | 100.0 | 100.0 | 100.0 | 100.0 | 400.0 |
| <u>Hazard Elimination Program</u> | 4,240.0 | 4,240.0 | 4,240.0 | 4,240.0 | 16,960.0 |
| <u>Future Safety Program 80/20</u> | 2,500.0 | 2,500.0 | 500.0 | 2,500.0 | 12,500.0 |
| <u>Future Safety Program 90/10</u> | 1,833.3 | 1,833.3 | 2,833.3 | 637.5 | 7,137.4 |
| <u>Signage and Pavement Markings</u> | 7,303.1 | 7,103.1 | 7,103.1 | 7,103.1 | 28,612.6 |
| <u>Traffic Calming</u> | 200.0 | 200.0 | 200.0 | 200.0 | 800.0 |
| <u>High Risk Rural Roads Program</u> | 1,730.0 | 2,220.0 | 1,250.0 | 0.0 | 5,200.0 |
| <u>Transportation Alternatives Program</u> | 7,700.0 | 5,164.0 | 5,164.0 | 5,164.0 | 23,192.0 |

| | | | | | |
|------------------------------------|---------|---------|---------|---------|----------|
| <u>Section 154 Penalty Program</u> | 6,736.7 | 3,000.0 | 2,408.9 | 2,408.9 | 14,554.6 |
|------------------------------------|---------|---------|---------|---------|----------|

SUPPORT

| | | | | | |
|--|----------|----------|----------|----------|----------|
| <u>Aeronautics Planning</u> | 210.0 | 210.0 | 210.0 | 210.0 | 840.0 |
| <u>Aeronautics Program Development</u> | 781.1 | 415.2 | 321.9 | 88.9 | 1,607.2 |
| <u>Education and Training</u> | 200.0 | 200.0 | 200.0 | 200.0 | 800.0 |
| <u>Federal Land Access Program</u> | 30.0 | 30.0 | 30.0 | 30.0 | 120.0 |
| <u>Heavy Equipment Program</u> | 13,500.0 | 11,500.0 | 10,000.0 | 10,000.0 | 45,000.0 |
| <u>Local Transportation Assistance Program</u> | 300.0 | 450.0 | 450.0 | 450.0 | 1,650.0 |
| <u>MPO / FHWA and FTA</u> | 3,293.2 | 2,964.2 | 2,964.2 | 2,964.2 | 15,149.9 |
| <u>Rural TAP</u> | 87.7 | 87.7 | 87.7 | 87.7 | 350.6 |
| <u>Statewide Planning and Research / FHWA</u> | 6,203.7 | 4,208.6 | 4,208.6 | 4,208.6 | 23,038.1 |
| <u>Statewide Planning and Research / FTA</u> | 143.4 | 143.4 | 143.4 | 143.4 | 573.4 |
| <u>Truck Weight Enforcement</u> | 713.0 | 645.0 | 645.0 | 645.0 | 2,648.0 |
| <u>University Research</u> | 32.7 | 250.0 | 250.0 | 250.0 | 782.7 |
| <u>DBE</u> | 44.6 | 44.6 | 44.6 | 44.6 | 178.5 |
| <u>IT Initiatives</u> | 13,279.5 | 13,500.0 | 13,800.0 | 14,000.0 | 54,579.5 |
| <u>DMV Mainframe Modernization Project (FY 2013)</u> | 500.0 | 10,400.0 | 0.0 | 0.0 | 10,900.0 |
| <u>OJT / Support Services</u> | 100.0 | 100.0 | 100.0 | 100.0 | 400.0 |
| <u>Summer Transportation Institute</u> | 68.8 | 68.8 | 68.8 | 68.8 | 275.0 |
| <u>DMV Toll Equipment Upgrade</u> | 4,858.1 | 4,858.1 | 0.0 | 0.0 | 9,716.1 |
| <u>Transportation Facilities Administration</u> | 5,900.0 | 4,250.0 | 2,250.0 | 2,250.0 | 14,650.0 |
| <u>Transportation Facilities Operation</u> | 20,111.9 | 15,000.0 | 10,000.0 | 8,000.0 | 53,111.9 |
| <u>MUTCD Compliance</u> | 5,400.0 | 5,400.0 | 2,000.0 | 2,000.0 | 14,800.0 |
| <u>Traffic Signal Revolving Fund</u> | 125.0 | 125.0 | 125.0 | 125.0 | 500.0 |
| <u>Rideshare Program / Trip Mitigation</u> | 606.2 | 480.0 | 480.0 | 480.0 | 2,046.2 |
| <u>Transportation Management Improvements</u> | 8,635.0 | 10,418.0 | 8,641.0 | 5,900.0 | 33,594.0 |
| <u>CAD / AVL System and Trapeze Upgrade</u> | 336.2 | 0.0 | 0.0 | 0.0 | 336.2 |
| <u>Fuel Management Software System</u> | 0.2 | 0.0 | 0.0 | 0.0 | 0.2 |
| <u>Transit Facilities Minor Capital Program</u> | 2,049.1 | 2,100.0 | 2,100.0 | 2,450.0 | 8,699.1 |
| <u>Transit Facility Minor Capital Projects (FY16-FY18 Total)</u> | 4.1 | 0.0 | 0.0 | 0.0 | 4.1 |
| <u>Transit Systems Equipment</u> | 3,121.5 | 2,170.1 | 2,035.6 | 1,804.0 | 9,131.2 |
| <u>Propane Fueling Stations</u> | 93.1 | 0.0 | 0.0 | 0.0 | 93.1 |
| <u>Rail Preservation</u> | 436.0 | 300.0 | 300.0 | 300.0 | 1,336.0 |
| <u>JARC</u> | 705.4 | 70.54 | 705.4 | 705.4 | 2,821.6 |

| | | | | | |
|---|---------|---------|---------|---------|---------|
| <u>Maintenance Equipment and Tools (Transit) Program</u> | 200.0 | 200.0 | 200.0 | 200.0 | 800.0 |
| <u>New Freedom Program Statewide 50 / 50</u> | 742.0 | 738.7 | 738.7 | 738.7 | 2,958.1 |
| <u>Taxi Pilot Equipment Start-Up</u> | 270.0 | 0.0 | 0.0 | 0.0 | 270.0 |
| <u>Transit Vehicle Replacement 5310 Program – Statewide Total</u> | 2,501.6 | 1,285.0 | 1,349.2 | 1,416.7 | 6,552.5 |

Grants and Allocations

| | | | | | |
|---|----------|----------|----------|----------|----------|
| <u>Transit Systems Statewide Support Vehicles</u> | 404.0 | 508.8 | 379.9 | 502.2 | 1,794.9 |
| <u>Community Transportation Program</u> | 22,330.0 | 17,680.0 | 17,680.0 | 17,680.0 | 75,370.0 |
| <u>CTF Subdivision Paving Pilot</u> | 7,237.2 | 0.0 | 0.0 | 0.0 | 7,237.2 |
| <u>Municipal Street</u> | 6,000.0 | 6,000.0 | 6,000.0 | 6,000.0 | 24,000.0 |

**SALISBURY URBANIZED AREA
METROPOLITAN PLANNING ORGANIZATION
METROPOLITAN TRANSPORTATION PLANNING PROCESS
SELF-CERTIFICATION**

The Delaware Department of Transportation (DelDOT), Maryland Department of Transportation (MDOT), and the Salisbury/Wicomico Metropolitan Planning Organization (S/WMPO), the Metropolitan Planning Organization for the Salisbury Urbanized Area, hereby certifies the statewide and metropolitan transportation planning process for the Metropolitan Planning Area is being conducted in accordance with all applicable requirements of:

- 1) 23 U.S.C. 134, 49 U.S.C. Section 5303, 5304, and 23 U.S.C. 450 Subpart 334;
- 2) Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21 (Nondiscrimination-Civil Rights);
- 3) 49 U.S.C. Section 5332 prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity (Nondiscrimination- General);
- 4) Section 1101(b) of the SAFETEA-LU (Pub. L.109-59) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects (DBE);
- 5) 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts (Equal Employment Opportunity);
- 6) The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and 49 CFR parts 27, 37, and 38 (Nondiscrimination-ADA);
- 7) Sections 174 and 176 (c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506, (c) and (d) and 40 CFR part 93. (Note: Only pertains to States with non-attainment and or maintenance areas outside metropolitan planning area boundaries.);
- 8) The Older Americans Act, as amended (42 U.S.C. 6101) prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
- 9) Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender (Nondiscrimination-Gender); and
- 10) Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities (Nondiscrimination-Disabilities).

Salisbury/Wicomico MPO

Matthew E. Cremer
Signature

MATTHEW E. CREMER
Printed Name

MPO CHAIR
Title

12/17/2019
Date

Delaware Department of Transportation

Drew A. Boyce
Signature

Drew A. Boyce
Printed Name

Director of Planning
Title

12/17/19
Date

Maryland Department of Transportation

Heather Murphy
Signature

Heather Murphy
Printed Name

Director Office of Planning
and Capital Programming
Title

1/3/2020
Date



Salisbury-Wicomico Metropolitan Planning Organization

Government Office Building
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Salisbury, Maryland 21803
410.548.4860; 410.548.4955 (Fax)
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S/WMPO Council:

Matthew E. Creamer, Chair
Wicomico County

Charles Anderson, Vice Chair
City of Seaford

John Rieley
Sussex County Council

Drew Boyce
Delaware Dept. of Transportation

Tyson Byrne
Maryland Department of Planning

Julia Glanz
City of Salisbury

Jack Heath
City of Salisbury Council

Josh Hastings
Wicomico County Council

Sara Bynum-King
Town of Delmar, Maryland
Commissioner

Greg Padgham
Tri-County Council for the Lower Eastern
Shore

John Psota
City of Fruitland

S/WMPO Executive Director
Keith D. Hall, AICP

December 17, 2019

Drew Boyce
Director, Planning
DelDOT
P.O. Box 778
Dover, DE 19903

Tyson Byrne
OPCP, Reg. Planning Mgr
MDOT
P.O. Box 548
Hanover, MD 21076

RE: SWMPO FY 2020 – FY 2023 Transportation Improvement Program

Dear Messrs. Boyce and Byrne:

Please find enclosed for your records the Salisbury-Wicomico Metropolitan Planning Organization's (SWMPO) approved FY 2020 – FY 2023 Transportation Improvement Program (TIP). An electronic copy is available for review and download at www.swmpo.org/tip.html.

On December 17, 2019, the SWMPO Council approved the aforementioned TIP via Resolution 04-2019, which a copy of the signed Resolution is included as part of the TIP. No new regionally significant projects were added to the FY 2020 – FY 2023 TIP or the regional transportation Plan *Connect 2050*. The TIP and *Connect 2050* conformity determination rely on the regional emission analysis adopted by the SWMPO Council on December 17, 2019, as part of *Connect 2050*.

In accordance with applicable provisions of the S/WMPO's Public Participation Plan, the FY 2020 – FY 2023 TIP and proposed amendments to Appendix F of *Connect 2050* were available for public review and comment extending 15 days, which no comments were received.

If you have any questions, please do not hesitate contacting me at 410.548.4860 or via e-mail Khall@wicomiconcounty.org.

Sincerely,

A handwritten signature in blue ink, appearing to read "K. D. Hall", with a stylized flourish at the end.

Keith D. Hall, AICP
Executive Director

Transportation Performance Measure 1: Safety Performance Target Setting

In compliance with the FHWA's 23 CFR Part 490, Subpart B - National Performance Management Measures for the Highway Safety Improvement Program ("HSIP"), the following is a summary of Salisbury/Wicomico Metropolitan Planning Organization ("S/WMPO"), Delaware Department of Transportation ("DelDOT") and the Maryland Department of Transportation ("MDOT") targets to meet or make significant progress toward the five (5) required safety performance goals. The targets were set by the DOTs in August 2017 and S/WMPO opted to adopt and support the statewide targets set both DOTs on February 27, 2018 via Resolution 02.-2018.

Methodology: Both states have adopted the Toward Zero Deaths ("TZD") approach. TZD is a data-driven effort to reduce fatalities and serious injuries by developing strong leadership in organizations that directly impact highway safety. For consistency with the 2015 Strategic Highway Safety Plan ("SHSP"), DelDOT and Office of Highway Safety ("OHS") agreed to use the SHSP annual targets as the basis for developing Delaware's 2018 targets for each safety measure. Annually, Delaware's an additional reduction of at least 3 fatalities and 15 serious injuries over the previous year to achieve a 50% reduction by 2035. In Maryland the annual targets for each of the measures are set using an exponential trend line connecting the historical data to the 2030 goal found in their SHSP.

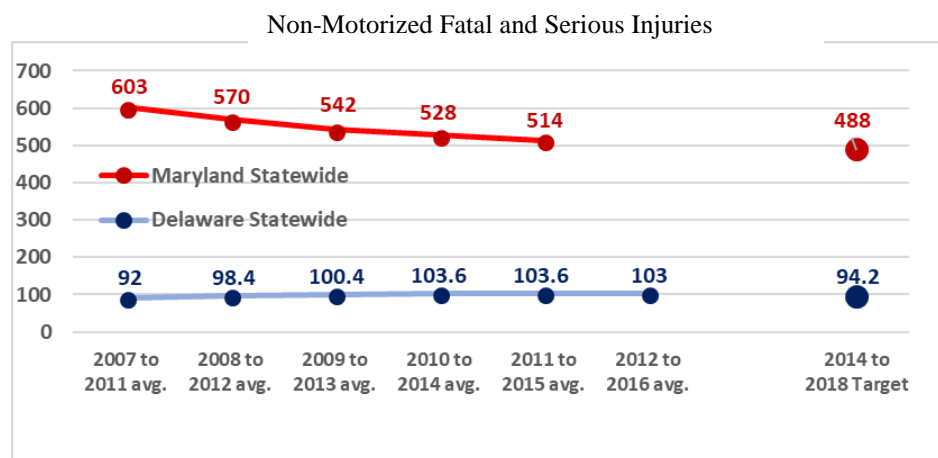
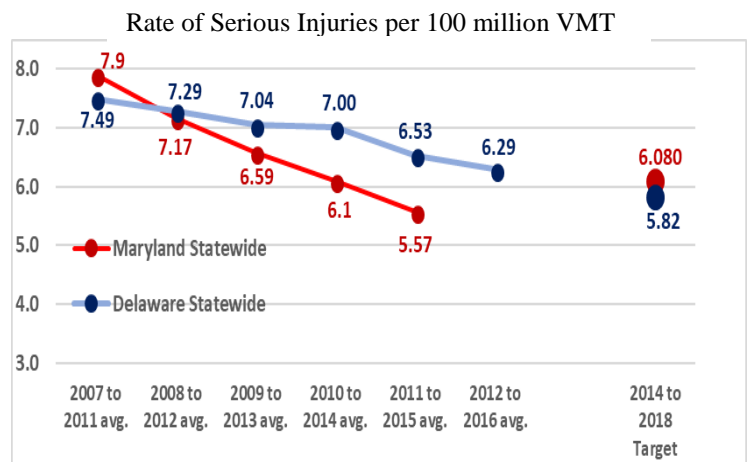
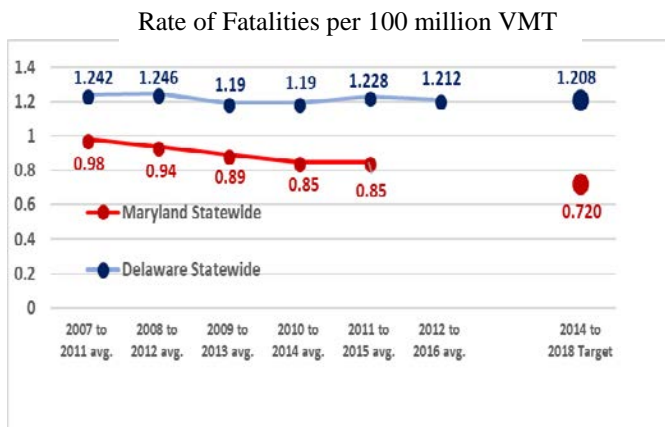
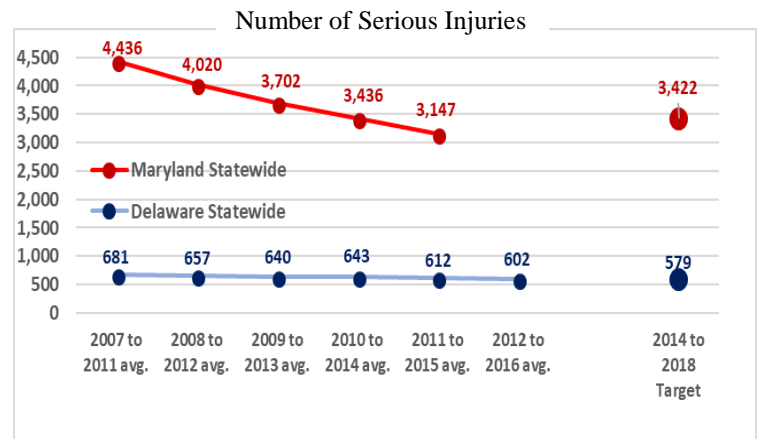
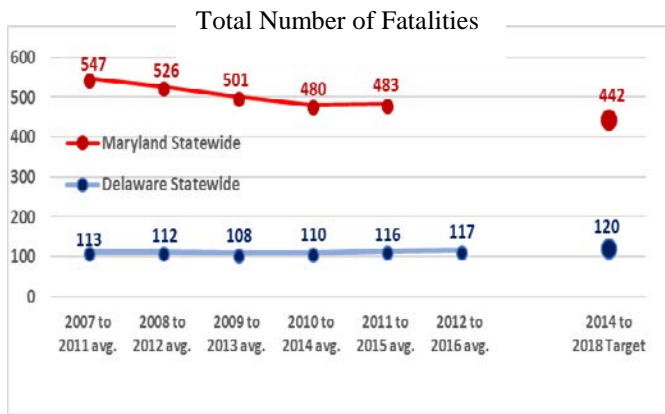
The chart shows the Delaware and Maryland established statewide targets (2014-2018, 5 year rolling averages) for each of the five (5) measures. Once 2018 Fatality Analysis Reporting System ("FARS"), Highway Performance Monitoring System ("HPMS"), and FARS Annual Report File ("ARF") data becomes finalized (December 2019) it will be compared to these targets to determine whether Delaware, Maryland, and S/WMPO and MPOs have met or made significant progress toward our crash reduction targets.

Details on the HSIP projects can be found in the TIP.

| State/MPO Established Safety Targets* | Maryland | Delaware |
|---|----------|----------|
| Number of Fatalities | 442.0 | 120.2 |
| Rate of Fatalities per 100 million VMT | 0.72 | 1.208 |
| Number of Serious Injuries | 3,422.0 | 578.6 |
| Rate of Serious Injuries per 100 million VMT | 6.08 | 5.822 |
| Number of Non-motorized Fatalities and Non-motorized Serious Injuries | 488.0 | 94.2 |

* Projected 2014-2018 5-year rolling averages

The following charts show the historical trends composed of 5-year rolling averages, 2018 HSIP baseline figures and 2014-2018 targets for all five safety performance measures. Figures include all injuries and fatalities which occurred on all public roads.



Transportation Performance Measure 2: Pavement and Bridge Conditions

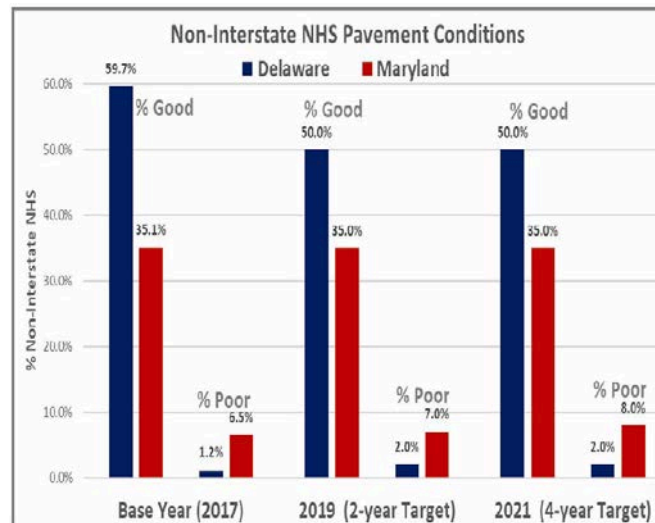
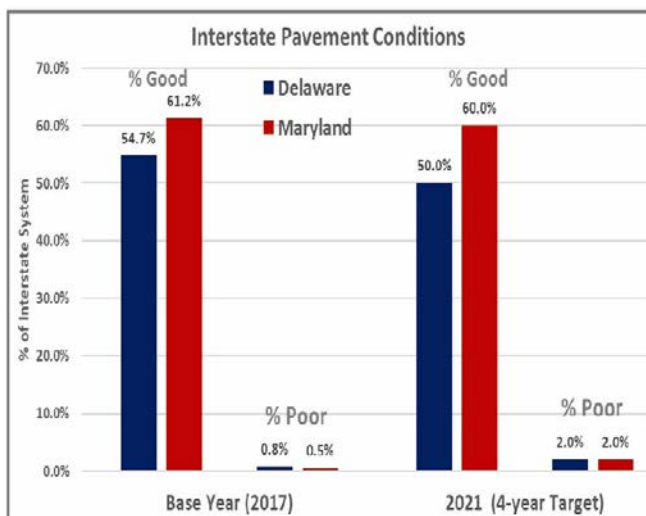
Pavement conditions are reported to FHWA by states through the HPMS for Federal-aid highways. The reporting agency will use the International Roughness Index (“IRI”) to measure the smoothness of pavement, as well as the ride quality. Minimum pavement condition for the Interstate System is not to exceed 5 percent classified in Poor condition. The following performance measures are utilized in assessing the condition of the National Highway System:

| Performance Measures: Pavement Condition* |
|---|
| % of Interstate pavement in GOOD condition (4-year target only) |
| % of Interstate pavement in POOR condition (4-year target only) |
| |
| % of non-Interstate NHS pavements in GOOD condition (2 and 4 year target) |
| % of non-Interstate NHS pavement POOR condition (2 and 4 year target) |

| | Pavement Type | | |
|----------------------------------|---|-------------------------------------|--|
| | Asphalt and Jointed Concrete | Continuous Concrete | |
| Overall Section Condition Rating | 3 metric ratings (IRI, cracking and rutting/faulting) | 2 metric ratings (IRI and cracking) | Measures |
| Good | All three metrics rated “Good” | Both metrics rated “Good” | → percentage of lane-miles in “Good” condition |
| Poor | ≥ 2 metrics rated “Poor” | Both metrics rated “Poor” | → percentage of lane-miles in “Poor” condition |
| Fair | All other combinations | All other combinations | |

*Good condition: Suggests no major investment is needed

*Poor condition: Suggests major investment is needed



TPM 2 targets were set by the DOTs and S/WMPO opted to adopt and support the statewide targets set both DOTs on November 15, 2018 via Resolutions 11-2018 and 12-2018.

Transportation Performance Measure 3: Infrastructure condition targets for the National Highway System (“NHS”) – Bridge Conditions

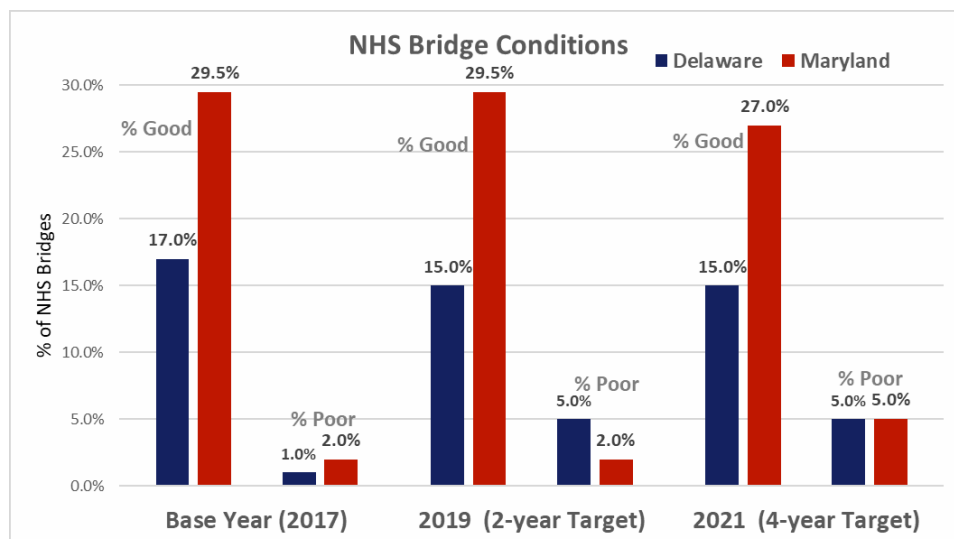
States and MPOs must establish two and four-year targets for all bridges carrying the NHS. This includes on- and off-ramps connected to the NHS within a state, as well as bridges carrying the NHS across a state border (regardless of ownership). States must maintain NHS bridges at less than 10.0 percent of a deck area as being structurally deficient.

TPM 3 targets were set by the DOTs and S/WMPO opted to adopt and support the statewide targets set both DOTs on November 15, 2018 via Resolutions 11-2018 and 12-2018.

| Performance Measures: Bridge Condition |
|--|
| % of NHS bridges in GOOD condition |
| % of NHS bridges in POOR condition |

Measure: Deck area based on National Bridge Inventory (“NBI”) condition ratings for the deck, superstructure, substructure and / or culvert. Overall, condition is determined by the lowest of the four ratings.

| NBI Rating Scale (from 0 – 9) | | 9 8 7 | 6 5 | 4 3 2 1 0 |
|----------------------------------|-----------------------------|-------|--------|-----------|
| | | Good | Fair | Poor |
| Bridge | Deck (Item 58) | ≥ 7 | 5 or 6 | ≤ 4 |
| | Superstructure (Item 59) | ≥ 7 | 5 or 6 | ≤ 4 |
| | Substructure (Item 60) | ≥ 7 | 5 or 6 | ≤ 4 |
| | Culvert (Item 62) | ≥ 7 | 5 or 6 | ≤ 4 |



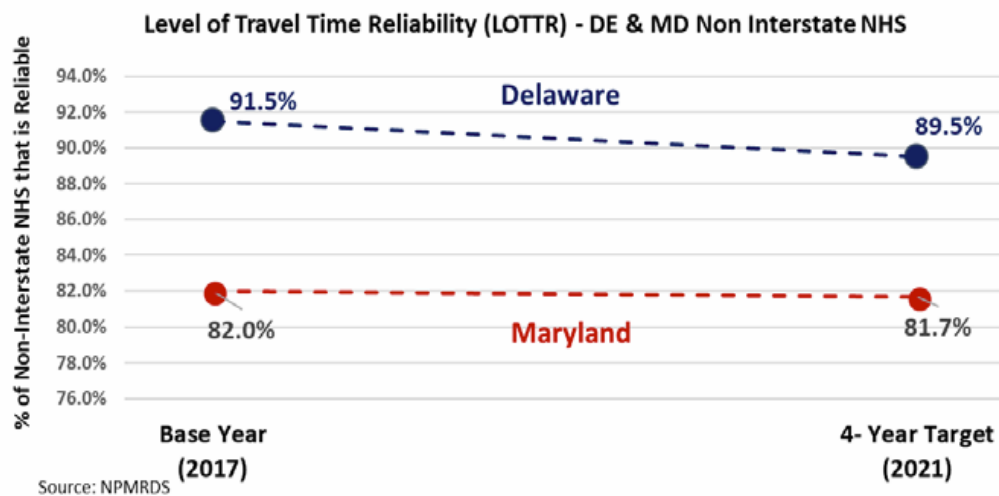
Transportation Performance Measure 3: Travel Time Reliability Measures – Level of Travel Time Reliability

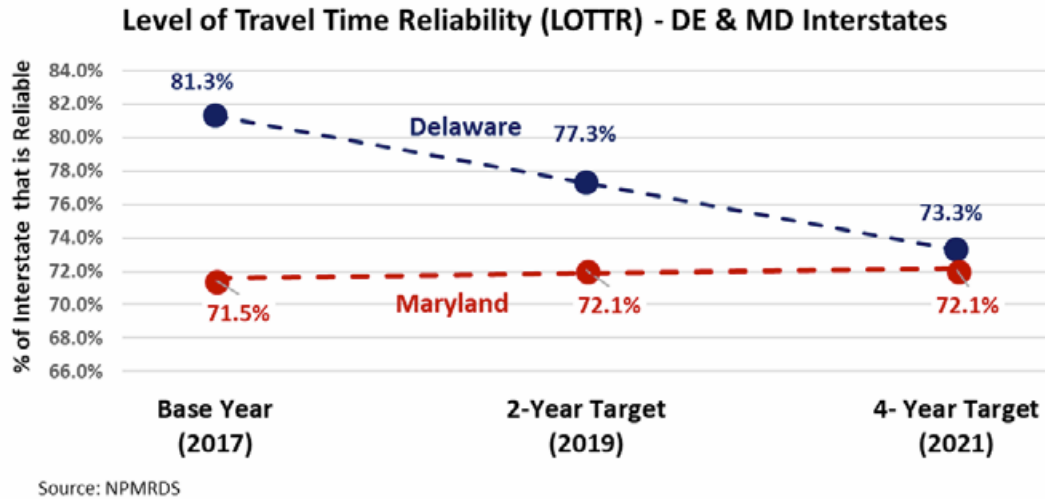
Level of Travel Time Reliability (“LOTTR”) is defined as the ratio of the longer travel times (80th percentile) to a “normal” travel time (50th percentile), using data from FHWA’s National Performance Management Research Data Set (“NPMRDS”). Reliability is measured during the full calendar year broken down into four (4) time periods: AM Peak; Midday; PM Peak; and Weekends. If any of these segments have a LOTTR above 1.50, the segment is determined not reliable. All non-reliable segments are then calculated in combination with daily traffic volumes and average vehicle occupancy to produce the total number of person-miles impacted by each unreliable segment.

Illustration of Reliability Determination

| Performance Measures: Travel Time Reliability |
|---|
| Interstate Travel Time Reliability Measure: Percent of person-miles traveled on the Interstate that are reliable |
| Non-Interstate Travel Time Reliability Measure: Percent of person-miles traveled on the non-Interstate that are reliable |

| | | |
|--|------------|--|
| Monday – Friday | 6am – 10am | $LOTTR = \frac{44 \text{ sec}}{35 \text{ sec}} = 1.26$ |
| | 10am – 4pm | LOTTR = 1.39 |
| | 4pm – 8pm | LOTTR = 1.54 |
| Weekends | 6am – 8pm | LOTTR = 1.31 |
| Must exhibit LOTTR below 1.50 during all of the time periods | | Segment IS NOT reliable |



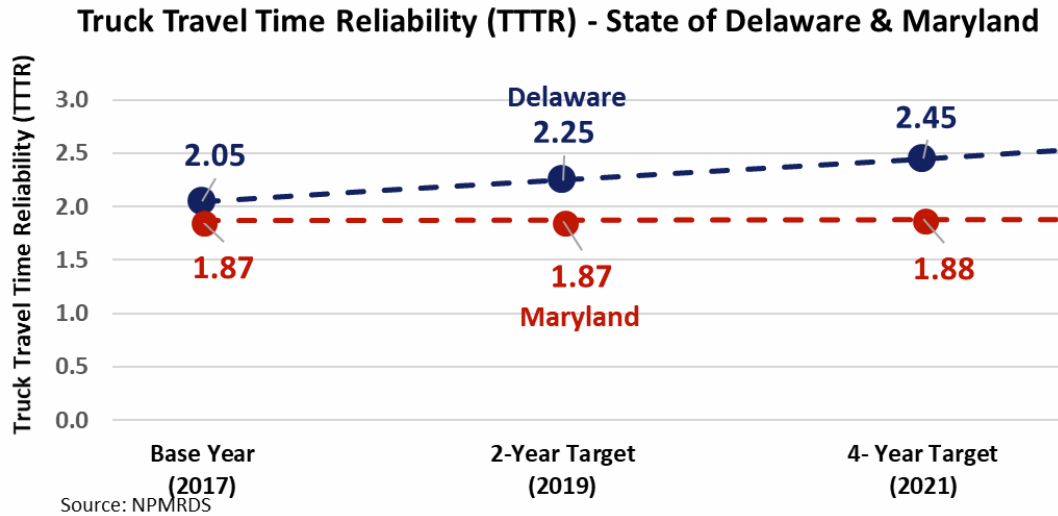


Transportation Performance Measure 3: Travel Time Reliability Measures – Truck Level of Travel Time Reliability (“TTTR”)

Measure: The sum of maximum TTTR for each reporting segment, divided by the total miles of Interstate system only. Reporting is divided into five (5) periods: morning peak (6-10 A.M.); midday (10 a.m. – 4 p.m.); afternoon peak (4-8 p.m.); and overnights for all days (8 p.m. – 6 a.m.). The TTTR ratio is generated by dividing the 95th percentile time by the normal time (50th percentile) for each segment. The measure is based on the worst performing time period for each segment, averaged together to create a single file.

Illustration of Truck Reliability Determination

| | | |
|-----------------|------------------|--|
| Monday – Friday | 6 – 10 a.m. | $TTTR = \frac{63 \text{ sec}}{42 \text{ sec}} = 1.50$ |
| | 10 a.m. – 4 p.m. | $TTTR = \frac{62 \text{ sec}}{45 \text{ sec}} = 1.38$ |
| | 4 – 8 p.m. | $TTTR = \frac{85 \text{ sec}}{50 \text{ sec}} = \mathbf{1.70}$ |
| Weekends | 6 a.m. – 8 p.m. | $TTTR = \frac{52 \text{ sec}}{40 \text{ sec}} = 1.30$ |
| Overnight | 8 p.m. – 6 a.m. | $TTTR = \frac{46 \text{ sec}}{38 \text{ sec}} = 1.21$ |
| Maximum TTTR | | 1.70 |



Transit Asset Management Plans (“TAM Plan”)

On October 1, 2016 the Federal Transit Administration (“FTA”) published its Final Rule (49 CFR 625 and 630) on the Federal Requirements for the development of TAM Plans by all transit agencies that receive federal funding. A TAM Plan involves an inventory and assessment of all assets used in the provision of public transportation. The term “asset” refers to physical equipment including rolling stock, equipment and facilities. The goal of asset management is to ensure that an agency’s assets are maintained and operated in a consistent State of Good Repair (“SGR”).

The TAM Final Rule distinguishes requirements between larger and smaller or rural transit agencies:

- Tier I provider: “owns, operates, or manages either 1): 101 or more vehicles in revenue service during peak regular service or in any one non-fixed route mode, or 2): rail transit.”
- Tier II provider: “owns, operates, or manages 1): 100 or fewer vehicles in revenue service during peak regular service across all non-rail fixed route modes or in any one non-fixed route mode, 2): a subrecipient under the 5311 Rural Area Formula Program, and 3): or any American Indian tribe.”

In the S/WMPPO region, DTC DelDOT is considered a Tier I provider, and Shore Transit is considered a Tier II provider. As statewide transit agencies, DTC DelDOT and MDOT MTA have completed their TAM Plans in 2018. Per federal regulations, MDOT MTA created a group TAM Plan on behalf of the Tier II Locally Operated Transit Systems (LOTS) in the State of Maryland that supports their implementation of asset management practice and the federal requirements. This group TAM Plan applies only to the 23 LOTS in Maryland that are recipients of 5311 funding, operate less than 100 vehicles, or serve an American Indian tribe.

Measures: The TAM Rule requires transit agencies establish SGR performance measures and targets for each asset class. Tier I providers must report on the SGR measures for the following asset categories:

- Rolling stock (revenue vehicles): Percent of vehicles that have either met or exceeded their Useful Life Benchmark (“ULB”);
- Equipment (including non-revenue service vehicles): Percent of vehicles that have either met or exceeded their ULB;

- Infrastructure (rail fixed-guideway, track, signals, and systems): Percent of track segments with performance restrictions; and
- Facilities: Percent of facilities rated below condition 3 on the FTA TERM scale

DTC DelDOT is not responsible for infrastructure, as they are not a grantee that directly operates, maintains or stores rail cars, and has no associated rail infrastructure in its asset portfolio.

As Tier I providers, DTC DelDOT must develop its own TAM Plan with all the elements listed below. As required by the TAM Final Rule, Tier I Provider TAM Plans must include the following:

- Include the capital asset inventory;
- Provide asset condition assessment information;
- Describe the decision support tools used to prioritize capital investment needs;
- Identify project-based prioritization of investments;
- Define the TAM and SGR policy;
- Discuss the TAMP implementation strategy;
- Describe the key TAM activities to be undertaken during the plan's four-year horizon period;
- List resources needed to carry out the TAMP; and
- Outline how the TAMP will be monitored and updated to support continuous TAM improvement.

As a Tier II providers, Shore Transit was included in MDOT MTA's group TAM Plan with 22 other LOTS. As required by the TAM Final Rule, Tier II Provider TAM Plans must include the following:

- Maintain an Asset Inventory that includes all vehicles, facilities, and equipment used in the delivery of transit service;
- Identify all Safety-Critical assets within the Asset Inventory and prioritize efforts to maintain those Safety-Critical assets in a SGR;
- Clearly define ownership, control, accountability, and reporting requirements for assets, including leased and third-party assets;
- Set annual asset performance targets and measure, monitor, and report on progress towards meeting those targets;
- Consider asset criticality, condition, performance, available funding, safety considerations, and the evaluation of alternatives that consider full lifecycle benefits, costs, and risks in capital project prioritization and other asset management decisions; and
- Maintain a group asset management plan, in coordination with MDOT MTA and LOTS safety policies and plans, as a means of delivering this policy.

Data: In this initial Tier I TAMP, DTC will use FTA ULB measures for transit assets and rolling stock. Targets for revenue/non-revenue vehicles are expressed as a percentage of the assets that are at or the ULB. Targets for equipment are expressed as a percentage of the assets that are at or beyond the ULB. Facility targets are based on the overall condition score in terms of a percentage of facilities failing to meet the target score.

DTC ASSET PERFORMANCE TARGETS – ROLLING STOCK AND EQUIPMENT

| ASSET CLASS | ASSET USE | DTC UL | FTA ULB | TARGET % | RATIONALE |
|---|------------------|--------|---------|----------|---|
| Rolling Stock - Revenue Vehicles | | | | | |
| Commuter Rail Car (RP) | Rail | - | 39 | <10% | DTC's policy is to replace at end of UL. Less than 10% is acceptable. |
| Over-the-Road Bus (BR) | Commuter | 12 | 14 | <10% | |
| 40ft/30ft Buses (BU) | Fixed-route | 12 | 14 | <10% | |
| Cutaway Bus (CU) | Paratransit | 5 | 10 | <10% | |
| Equipment - Non-Revenue Vehicles | | | | | |
| Car (AO) | Support Services | 8 | 8 | <20% | With current funding levels DTC will meet target goal within 4 years. |
| SUV (SV) | Support Services | 8 | 8 | | |
| Truck/Van (VN) | Support Services | 10 | 8 | | |

DTC ASSET PERFORMANCE TARGETS – FACILITIES

| ASSET CLASS | CONDITION BENCHMARK | TARGET % | RATIONAL |
|-------------|---------------------|----------|---|
| Facilities | 3 | 20% | With DTC's Facility Preventative Maintenance plan goals, a 20% target is reasonable |

For Shore Transit, based on the reported asset condition, targets have been set for each asset class taking the projected funding levels into consideration. The table below summarizes the FY 2017 performance and FY 2019 targets for Tier II LOTS assets. Targets have been set based on the anticipated funding availability and the priorities of both the LOTS and MDOT MTA.

FY19 TARGET ASSET PERFORMANCE FOR ALL ASSETS

| NTD Vehicle Type | FY 2017 Performance | FY 2019 Target |
|--|---------------------|----------------|
| Revenue Vehicles | | |
| Bus | 17.30% | 13.30% |
| Cutaway Bus | 14.80% | 10.80% |
| Automobile | 42.90% | 38.90% |
| Van | 39.40% | 35.40% |
| Equipment | | |
| Trucks and Other Rubber Tire Vehicles (Non-Revenue Vehicles) | 14.60% | 14.60% |
| Facilities | | |
| Administrative* | 10.00% | 5.00% |
| Administrative/Maintenance | 30.80% | 25.80% |
| Maintenance | 40.00% | 35.00% |
| Passenger | 25.00% | 25.00% |