

# SALISBURY/WICOMICO METROPOLITAN PLANNING ORGANIZATION

TRANSPORTATION IMPROVEMENT PROGRAM  
FISCAL YEAR 2018 – 2021  
NOVEMBER 28, 2017

Salisbury/Wicomico Metropolitan Planning Organization  
P.O. Box 870  
Salisbury, MD 21803-0870

Federal Project Number: MD-81-0007

[www.swmpo.org](http://www.swmpo.org)  
(410) 548-4860 phone  
(410) 548-4955 fax  
Staff Information:  
Keith D. Hall, AICP, S/WMPO Executive Director  
[Khall@wicomocounty.org](mailto:Khall@wicomocounty.org)

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**RESOLUTION BY THE  
SALISBURY/WICOMICO METROPOLITAN PLANNING ORGANIZATION COUNCIL  
ADOPTING THE FY 2018 – FY 2021 TRANSPORTATION IMPROVEMENT PROGRAM  
RESOLUTION 10-2017**

**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 2018 – FY 2021 Transportation Improvement Program (TIP) for the S/WMPO Area in compliance with applicable Federal programs and regulations;

**WHEREAS**, on October 12, 2017, the draft FY 2018 – FY 2021 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 FY 2018 – FY 2021 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**, an electronic voting process, approving the FY 2018 – FY 2021 TIP, was administered to the S/WMPO Council in accordance with applicable provisions outlined in the Organization's Prospectus and Bylaws; and

**NOW, THEREFORE, BE IT RESOLVED** the S/WMPO Council does hereby adopt the FY 2018 – FY 2021 TIP, dated November 28, 2017, for the S/WMPO Area.

11/29/17  
Date

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

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**SALISBURY/WICOMICO METROPOLITAN PLANNING ORGANIZATION  
TRANSPORTATION IMPROVEMENT PROGRAM  
FY 2018 – FY 2021**

**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 21<sup>st</sup> 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, 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 21<sup>st</sup> 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 Act (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 2018 – FY 2021 TIP was originally adopted on by the S/WMPO Council on November 28, 2017, 2017, via Resolution 10-2017.

## **Organization and Management**

### **Metropolitan Planning Organization**

The S/W MPO 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/W MPO 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/W MPO 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 Salisbury-Wicomico 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 1, 2017. 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 Transportation Improvement Program (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 2018 – FY 2021 TIP, the S/WMPO Council approved the FY 2018 – FY 2021 the TIP on November 28, 2017 via Resolution 10-2017.

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 Consolidated Transportation Program (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 2018 – FY 2021  
TRANSPORTATION IMPROVEMENT PROGRAM**

Project Code 1 STIP# SPP Categories 1

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

<b>PHASE</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2018-2021 TOTAL</b>
PP	50.0	50.0	50.0	50.0	200.0
PE	475.0	344.0	344.0	260.0	1,423.0
ROW	50.0	50.0	50.0	50.0	200.0
CONSTR.	2,500.0	2,125.0	2,125.0	1,750.0	8,500.0
<b>TOTAL</b>	<b>3,075.0</b>	<b>2,569.0</b>	<b>2,569.0</b>	<b>2,110.0</b>	<b>10,323.0</b>

Project Costs (All \$ \* 1,000)

**Salisbury/Wicomico  
Metropolitan Planning Organization  
FY 2018 – FY 2021  
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 2018	FY 2019	FY 2020	FY 2021	FY 2018-2021 TOTAL
PP	100.0	100.0	100.0	100.0	400.0
PE	775.0	775.0	700.0	650.0	2,900.0
ROW	80.0	80.0	80.0	50.0	290.0
CONSTR.	4,750.0	3,950.0	3,950.0	3,000.0	15,650.0
<b>TOTAL</b>	<b>5,705.0</b>	<b>4,905.0</b>	<b>4,830.0</b>	<b>3,800.0</b>	<b>19,240.0</b>

Project Costs (All \$ \* 1,000)

**Salisbury/Wicomico  
Metropolitan Planning Organization  
FY 2018 – FY 2021  
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

<b>PHASE</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2018-2021 TOTAL</b>
PP	100.0	100.0	100.0	100.0	400.0
PE	600.0	450.0	450.0	300.0	1,800.0
ROW	100.0	100.0	100.0	100.0	400.0
CONSTR.	10,250.0	8,200.0	8,200.0	8,200.0	34,850.0
<b>TOTAL</b>	<b>11,050.0</b>	<b>8,850.0</b>	<b>8,850.0</b>	<b>8,700.0</b>	<b>37,450.0</b>

Project Costs (All \$ \* 1,000)

**Salisbury/Wicomico  
Metropolitan Planning Organization  
FY 2018 – FY 2021  
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 2018	FY 2019	FY 2020	FY 2021	FY 2018-2021 TOTAL
PP	70.0	70.0	70.0	70.0	280.0
PE	1,275.0	900.0	900.0	425.0	3,500.0
ROW	70.0	70.0	70.0	70.0	280.0
CONSTR.	7,800.0	2,650.0	2,650.0	1,200.0	14,300.0
<b>TOTAL</b>	<b>9,215.0</b>	<b>3,690.0</b>	<b>3,690.0</b>	<b>1,765.0</b>	<b>18,360.0</b>

Project Costs (All \$ \* 1,000)

**Salisbury/Wicomico  
Metropolitan Planning Organization  
FY 2018 – FY 2021  
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 2018	FY 2019	FY 2020	FY 2021	FY 2018-2021 TOTAL
PP	10.0	10.0	10.0	10.0	40.0
PE	80.0	80.0	80.0	40.0	280.0
ROW	10.0	10.0	10.0	10.0	40.0
CONSTR.	250.0	250.0	250.0	250.0	1,000.0
<b>TOTAL</b>	<b>350.0</b>	<b>350.0</b>	<b>350.0</b>	<b>310.0</b>	<b>1,360.0</b>

Project Costs (All \$ \* 1,000)

**Salisbury/Wicomico  
Metropolitan Planning Organization  
FY 2018 – FY 2021  
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 2018	FY 2019	FY 2020	FY 2021	FY 2018-2021 TOTAL
PP	20.0	20.0	20.0	20.0	80.0
PE	475.0	475.0	475.0	475.0	1,900.0
ROW	20.0	20.0	10.0	10.0	60.0
CONSTR.	1,975.0	1,175.0	988.0	988.0	5,126.0
<b>TOTAL</b>	<b>2,490.0</b>	<b>1,690.0</b>	<b>1,493.0</b>	<b>1,493.0</b>	<b>7,166.0</b>

Project Costs (All \$ \* 1,000)

**Salisbury/Wicomico  
Metropolitan Planning Organization  
FY 2018 – FY 2021  
TRANSPORTATION IMPROVEMENT PROGRAM**

Project Code 7 STIP# SHA-WI-3-24

Project Name Northeast Collector Road Phase II Bikepath Limits MD 346 to US 50 in Salisbury

Improvement Description Construct a 3,642 foot, 6-10 foot wide bikepath

Responsible Agency City of Salisbury

Miles 0.7 Highway System n/a Funding STP-Enhancements Ratio 50/50

Related Projects Project is an extension of Phase I

<b>PHASE</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2018-2021 TOTAL</b>
PP	0.0	0.0	0.0	0.0	0.0
PE	0.0	0.0	0.0	0.0	0.0
ROW	0.0	0.0	0.0	0.0	0.0
CONSTR.	225.0	0.0	0.0	0.0	225.0
<b>TOTAL</b>	<b>225.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>225.0</b>

Project Costs (All \$ \* 1,000)



**Salisbury/Wicomico  
Metropolitan Planning Organization  
FY 2018 – FY 2021  
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 5307 / 5337 Ratio 80% federal,  
10 % state  
10 % local

Related Projects See below.

Comments Capital assistance for Preventive Maintenance, Tires, Office Furniture, a Mini-Van, Maint. Equipment, Passenger Amenities, Facility Construction, Facility Oversight, Presentation Case, and Security Cameras that will enable Shore Transit to continue to operate public transit services in and around the City of Salisbury. Funding ratios for the Maintenance Shop Equipment are 50 percent federal, 25 percent State, and 25 percent local. There are no State funds in Mobility Management.

Project	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2018 – 2021 TOTAL
Preventative Maintenance (5307)	Federal	751	810	810	810	3,181
	State	94	101	101	101	398
	Local	94	101	101	101	398
	<b>Total</b>	<b>939</b>	<b>1,012</b>	<b>1,012</b>	<b>1,012</b>	<b>3,977</b>
Mobility Management (5307)	Federal	114	114	114.0	114	456
	State	0.0	0.0	0.0	0.0	0.0
	Local	29	29	29	29	114
	<b>Total</b>	<b>143</b>	<b>143</b>	<b>143</b>	<b>143</b>	<b>570</b>

Small Bus/Med Bus/Minivan (5307)	Federal	205	518	531	543	1,797
	State	26	65	66	68	225
	Local	26	65	66	60	225
	<b>Total</b>	<b>257</b>	<b>648</b>	<b>663</b>	<b>679</b>	<b>2,247</b>
Bus Wash Equipment (5307)	Federal	450	0.0	0.0	0.0	450
	State	56	0.0	0.0	0.0	56
	Local	56	0.0	0.0	0.0	56
	<b>Total</b>	<b>562</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>562</b>
<b>TOTAL</b>	<b>Federal</b>	<b>1,520</b>	<b>1,442</b>	<b>1,455</b>	<b>1,467</b>	<b>5,884</b>
	<b>State</b>	<b>176</b>	<b>166</b>	<b>167</b>	<b>169</b>	<b>678</b>
	<b>Local</b>	<b>205</b>	<b>195</b>	<b>196</b>	<b>198</b>	<b>793</b>
	<b>Total</b>	<b>1,901</b>	<b>1,803</b>	<b>1,818</b>	<b>1,834</b>	<b>7,355</b>

Project Costs (000's)

**Salisbury/Wicomico  
Metropolitan Planning Organization  
FY 2018 – FY 2021  
TRANSPORTATION IMPROVEMENT PROGRAM**

Project Code 9 STIP# SW14\_CAP\_2

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

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Improvement Description Capital Assistance for transit services provided by Shore Transit.

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Responsible Agency Maryland Department of Transportation / Maryland Transit Administration

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Funding Various Ratio 80% - federal  
20% - local

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Related Projects \_\_\_\_\_

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Comments Capital assistance will enable Shore Transit to continue to enhance mobility services for seniors and persons with disabilities.

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Funding Type	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2018 – 2021 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
	<b>Total</b>	<b>0.0</b>	<b>112</b>	<b>0.0</b>	<b>112</b>	<b>224</b>
Section 5310 Replacement Bus	Federal	0.0	319.5	0.0	335.0	654.5
	State	0.0	0.0	0.0	0.0	0.0
	Local	0.0	79.9	0.0	83.8	163.6
	<b>Total</b>	<b>0.0</b>	<b>399.4</b>	<b>0.0</b>	<b>418.8</b>	<b>818.2</b>
<b>Total</b>	<i>Federal</i>	<i>0.0</i>	<i>409.1</i>	<i>0.0</i>	<i>424.6</i>	<i>833.7</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>102.3</i>	<i>0.0</i>	<i>106.2</i>	<i>208.4</i>
	<i>Total</i>	<i>0.0</i>	<i>511.4</i>	<i>0.0</i>	<i>530.8</i>	<i>1,042.1</i>

Project Costs (000's)

**Salisbury/Wicomico  
Metropolitan Planning Organization  
FY 2018 – FY 2021  
TRANSPORTATION IMPROVEMENT PROGRAM**

Project Code 9 STIP# SW14\_OP\_1

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

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Improvement Description Operating and maintenance assistance for transit services provided by Shore Transit.

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Responsible Agency Maryland Department of Transportation / Maryland Transit Administration

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Funding Various Ratio Variable

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Related Projects

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Comments Operating assistance will enable Shore Transit to continue to operate public transit services in and around the City of Salisbury

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Funding Type	Funding Source	FY 2018	FY 2019	FY 2020	FY 2021	FY 2018 – 2021 TOTAL
Section 5307	Federal	1,184	1,184	1,184	1,184	4,736
	State	521	521	521	521	2,084
	Local	663	663	663	663	2,652
	<b>Total</b>	<b>2,368</b>	<b>2,368</b>	<b>2,368</b>	<b>2,368</b>	<b>9,472</b>
Section 5311	Federal	226	226	226	226	904
	State	113	113	113	113	452
	Local	113	113	113	113	452
	<b>Total</b>	<b>452</b>	<b>452</b>	<b>452</b>	<b>452</b>	<b>1,808</b>
<b>Total</b>	<b>Federal</b>	<b>1,411</b>	<b>1,410</b>	<b>1,410</b>	<b>1,410</b>	<b>5,641</b>
	<b>State</b>	<b>634</b>	<b>634</b>	<b>634</b>	<b>634</b>	<b>2,536</b>
	<b>Local</b>	<b>776</b>	<b>776</b>	<b>776</b>	<b>776</b>	<b>3,104</b>
	<b>Total</b>	<b>2,821</b>	<b>2,821</b>	<b>2,821</b>	<b>2,821</b>	<b>11,281</b>

Project Costs (000's)

# **DELAWARE PROJECTS**

## **FY 18 – FY 21**

# **ROAD SYSTEM: LOCAL**

Road System: Local  
Discount Land Road

Project Scope/Description: Sidewalk construction and associated road improvements extending along Discount Land Road from US Route 13A to US Route 13.

County: Sussex  
 Funding Program: Road System – Local  
 Functional Category: Local  
 Representative District: 40  
 Senatorial District: 21  
 Estimated Cost: \$450,000.00  
 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 18 State/ Other	FY 18 Fed	FY 19 State/ Other	FY 19 Fed	FY 20 State/ Other	FY 20 Fed	FY 21 State/ Other	FY 21 Fed	FY 18 - FY 21 Total
	PE	0.0	0.0	0.0	0.0	0.0	0.0	150.0	0.0	150.0
	ROW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	N/A	0.0	0.0	0.0	0.0	0.0	0.0	150.0	0.0	150.0

# **ROAD SYSTEMS: SAFETY**



Safety:  
Open-End Construction Services, Sussex County

Project Scope/Description: This contract will administer construction for various minor projects throughout Sussex County by the assignment of Tasks. These projects shall involve minimum right-of-way, utility, and environmental concerns.

Project Justification: This contract will allow for flexibility to construct various minor projects prior to initially scheduled construction years as Departmental spend projects change.

County: Sussex  
 Funding Program: Road System – Safety  
 Functional Category: Management  
 Representative District: 37, 40, and 41  
 Senatorial District: 19, 20, and 21  
 Estimated Cost: \$4,426,702.00  
 STIP# (SPP Categories) 2  
 Project Name: Safety and Spot Improvements  
 Funding (Sources) State/STP  
 Ratio (Sources) 80/20%

Project Spend Schedule (X \$000)										
Project	Phase	FY 18 State/ Other	FY 18 Fed	FY 19 State/ Other	FY 19 Fed	FY 20 State/ Other	FY 20 Fed	FY 21 State/ Other	FY 21 Fed	FY 18 - FY 21 Total
T201600901	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	CE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Traffic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Cont.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maint.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Program Funding	60.0	240.0	0.0	0.0	0.0	0.0	0.0	0.0	300.0
Total	N/A	60.0	240.0	0.0	0.0	0.0	0.0	0.0	0.0	300.0

**BRIDGE REPLACEMENT  
AND  
REHABILITATION**

**Bridges:**

Scour Countermeasures, BR 3-145, BR 3-231, BR 3-814, and BR -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: \$520,000.00  
 STIP# (SPP Categories) 4  
 Project Name: Bridge Replacement and Rehabilitation  
 Funding (Sources) State  
 Ratio (Sources) 100%

<b>Project Spend Schedule (X \$000)</b>										
<b>Project</b>	<b>Phase</b>	<b>FY 18 State/ Other</b>	<b>FY 18 Fed</b>	<b>FY 19 State/ Other</b>	<b>FY 19 Fed</b>	<b>FY 20 State/ Other</b>	<b>FY 20 Fed</b>	<b>FY 21 State/ Other</b>	<b>FY 21 Fed</b>	<b>FY 18 - FY 21 Total</b>
T201707604	PE	80.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	100.0
	ROW	10.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	20.0
	C	0.0	0.0	400.0	0.0	0.0	0.0	0.0	0.0	400.0
Total	N/A	90.0	0.0	430.0	0.0	0.0	0.0	0.0	0.0	520.0

**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 91<sup>st</sup> and Bridge 3-161 is ranked 106<sup>th</sup>.

County: Sussex  
 Funding Program: Road System – Bridge  
 Functional Category: Management  
 Representative District: 40  
 Senatorial District: 21  
 Estimated Cost: \$5,295,817.00  
 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 18	FY 18	FY 19	FY 19	FY 20	FY 20	FY 21	FY 21	FY 18 - FY 21 Total
		State/ Other	Fed	State/ Other	Fed	State/ Other	Fed	State/ Other	Fed	
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	40.0	160.0	64.2	256.8	0.0	0.0	0.0	0.0	521.0
	C	500.0	2,000.0	256.5	1,026.2	0.0	0.0	0.0	0.0	3,782.7
Total	N/A	540.0	2,160.0	320.7	1,283.0	0.0	0.0	0.0	0.0	4,303.7

**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 174<sup>th</sup> 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: \$640,000.00  
 STIP# (SPP Categories) 4  
 Project Name: Bridge Replacement and Rehabilitation  
 Funding (Sources) State/STP  
 Ratio (Sources) 80/20%

<b>Project Spend Schedule (X \$000)</b>										
<b>Project</b>	<b>Phase</b>	<b>FY 18 State/ Other</b>	<b>FY 18 Fed</b>	<b>FY 19 State/ Other</b>	<b>FY 19 Fed</b>	<b>FY 20 State/ Other</b>	<b>FY 20 Fed</b>	<b>FY 21 State/ Other</b>	<b>FY 21 Fed</b>	<b>FY 18 - FY 21 Total</b>
T201607602	PE	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
	ROW	10.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	20.0
	C	0.0	0.0	120.0	480.0	0.0	0.0	0.0	0.0	600.0
<b>Total</b>	N/A	30.0	0.0	130.0	480.0	0.0	0.0	0.0	0.0	640.0

**Bridges:**

**BR 3-250 on S046 Old Furnace Road over Newton Ditch**

Project Scope/Description: Replacement of two corrugated metal pipes that are deteriorating and replace them with two concrete pipes. Other construction activities will include the replacement of the concrete retaining walls, rip rap placement, mill and overlay of the roadway, and roadway striping/signing. There is a possible need for utility relocations at this site.

Project Justification: The existing pipes at the bridge are structurally deficient and were selected by the Pontis Bridge Management System for work. There is corrosion at the waterline with 100% section loss at some locations.

County: Sussex  
 Funding Program: Road System – Bridge  
 Functional Category: Management  
 Representative District: 35  
 Senatorial District: 19  
 Estimated Cost: \$582,100.00  
 STIP# (SPP Categories) 4  
 Project Name: Bridge Replacement and Rehabilitation  
 Funding (Sources) State/STP  
 Ratio (Sources) 80/20%

<b>Project Spend Schedule (X \$000)</b>										
<b>Project</b>	<b>Phase</b>	<b>FY 18 State/ Other</b>	<b>FY 18 Fed</b>	<b>FY 19 State/ Other</b>	<b>FY 19 Fed</b>	<b>FY 20 State/ Other</b>	<b>FY 20 Fed</b>	<b>FY 21 State/ Other</b>	<b>FY 21 Fed</b>	<b>FY 18 - FY 21 Total</b>
T201707302	PE	80.0	0.0	24.5	0.0	0.0	0.0	0.0	0.0	104.5
	ROW	0.0	0.0	17.6	0.0	0.0	0.0	0.0	0.0	17.6
	C	0.0	0.0	0.0	0.0	92.0	368.0	0.0	0.0	460.0
<b>Total</b>	N/A	80.0	0.0	42.1	0.0	92.0	368.0	0.0	0.0	582.1

**Bridges:**

**BR 3-253 N&S on US Route 13 over Williams Pond**

**Project Scope/Description:** This project involves the rehabilitation of Bridge 3-253 N&S. The scope of work includes replacing the abutment back-walls, replacing deck joints, and repair of cracks and spalls in the concrete.

**Project Justification:** The existing joints are in poor condition and there are spalls and delaminations in the backwall. The substructure requires minor repairs and the deck is showing signs of cracking. Replacing the joints, repairing the substructure, and sealing the deck will extend the life of the bridge. This bridge was selected by the Pontis Bridge Management System for work.

County: Sussex  
 Funding Program: Road System – Bridge  
 Functional Category: Management  
 Representative District: 39  
 Senatorial District: 19  
 Estimated Cost: \$470,000.00  
 STIP# (SPP Categories) 4  
 Project Name: Bridge Replacement and Rehabilitation  
 Funding (Sources) State  
 Ratio (Sources) 100%

<b>Project Spend Schedule (X \$000)</b>										
<b>Project</b>	<b>Phase</b>	<b>FY 18 State/ Other</b>	<b>FY 18 Fed</b>	<b>FY 19 State/ Other</b>	<b>FY 19 Fed</b>	<b>FY 20 State/ Other</b>	<b>FY 20 Fed</b>	<b>FY 21 State/ Other</b>	<b>FY 21 Fed</b>	<b>FY 18 - FY 21 Total</b>
T201507601	PE	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
	ROW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	N/A	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0

**Bridges:**

**BR 3-299 on S013 Bi-State Blvd over Meadow Branch**

**Project Scope/Description:** The project involves the replacement of the two (2) existing corrugated metal pipes with reinforced concrete pipes. Additional work includes the placement of riprap in the stream for scour protection and reconstruction of the approach roadway as necessary. Work will be performed under a full road closure with detour.

**Project Justification:** There is significant corrosion at the waterline with 100% section loss at several locations throughout the pipes. The existing pipes are structurally deficient and were selected by the Pontis Bridge Management System for work. Replacement of this bridge will help the Department meet its performance measure for percentage of bridges in poor condition. This bridge is ranked 22<sup>nd</sup> on the 2015 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: \$441,125.00  
 STIP# (SPP Categories) 4  
 Project Name: Bridge Replacement and Rehabilitation  
 Funding (Sources) State/STP  
 Ratio (Sources) 80/20%

<b>Project Spend Schedule (X \$000)</b>										
<b>Project</b>	<b>Phase</b>	<b>FY 18 State/ Other</b>	<b>FY 18 Fed</b>	<b>FY 19 State/ Other</b>	<b>FY 19 Fed</b>	<b>FY 20 State/ Other</b>	<b>FY 20 Fed</b>	<b>FY 21 State/ Other</b>	<b>FY 21 Fed</b>	<b>FY 18 - FY 21 Total</b>
T201507301	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	C	58.2	232.8	0.0	0.0	0.0	0.0	0.0	0.0	291.0
	Utility	2.2	8.8	0.0	0.0	0.0	0.0	0.0	0.0	11.0
	Cont.	5.5	22.1	0.0	0.0	0.0	0.0	0.0	0.0	27.6
	Maint.	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
<b>Total</b>	N/A	85.9	263.7	0.0	0.0	0.0	0.0	0.0	0.0	349.6



Bridges:  
Hearns Pond Dam Improvements

Project Scope/Description: The project involves the replacement of the existing spillway, placement of riprap and articulated precast concrete block mats, installation of sheetpiles, 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: 39  
Senatorial District: 19  
Estimated Cost: \$6,100,700.00  
STIP# (SPP Categories) 4  
Project Name: Bridge Replacement and Rehabilitation  
Funding (Sources) State  
Ratio (Sources) 100%

Project Spend Schedule (X \$000)										
Project	Phase	FY 18 State/ Other	FY 18 Fed	FY 19 State/ Other	FY 19 Fed	FY 20 State/ Other	FY 20 Fed	FY 21 State/ Other	FY 21 Fed	FY 18 - FY 21 Total
T201207603	PE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	CE	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0
	C	436.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	436.3
	Cont.	417.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	417.9
Total	N/A	914.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	914.2

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: \$450,000.00  
 Project Name: Bridge Replacement and Rehabilitation  
 Funding (Sources): State  
 Ratio (Sources): 100%

Project Spend Schedule (X \$000)										
Project	Phase	FY 18 State/ Other	FY 18 Fed	FY 19 State/ Other	FY 19 Fed	FY 20 State/ Other	FY 20 Fed	FY 21 State/ Other	FY 21 Fed	FY 18 - FY 21 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	N/A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

# **TRANSIT SYSTEM: VEHICLES**

Transit: Vehicles  
 Inter City Operating

Project Scope/Description: This project will provide year round fixed route bus service in Sussex County between various municipalities. In addition, an expanded seasonal service operates within the beach corridor during the summer. Other funding (50% match) will be provided in Delaware Transit Corporation's Operating Budget.

Project Justification: Bus service is need to meet the growing demands for transit in Sussex County

County: Sussex  
 Funding Program: Transit Systems - Vehicles  
 Representative District: 14 and 37  
 Senatorial District: 18, 19, and 20  
 Estimated Cost: \$2,269,800  
 STIP# (SPP Categories): N/A  
 Project Name: Capital assistance for urban transit systems  
 Funding (Sources) 5311/Other  
 Ratio (Sources) 50/50%

Project Spend Schedule (X \$000)										
Project	Phase	FY 18 State/ Other	FY 18 Fed	FY 19 State/ Other	FY 19 Fed	FY 20 State/ Other	FY 20 Fed	FY 21 State/ Other	FY 21 Fed	FY 18 - FY 21 Total
Not Assigned	Procurement (50% FTA)	189.1	189.1	189.1	189.1	189.1	189.1	189.1	189.1	1,513.2
Total	N/A	189.1	189.1	189.1	189.1	189.1	189.1	189.1	189.1	1,513.2

Transit: Vehicles

Transit Vehicle Expansion (1) Fixed Route CAW SC – FY 18

Project Scope/Description: This project will purchase support vehicles to enable staff to monitor and maintain DTC operation and facilities 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: 14  
 Senatorial District: 18  
 Estimated Cost: \$174,320  
 STIP# (SPP Categories): N/A  
 Project Name: Capital assistance for urban transit systems  
 Funding (Sources) 5311/State  
 Ratio (Sources) 80/20%

Project Spend Schedule (X \$000)										
Project	Phase	FY 18 State/ Other	FY 18 Fed	FY 19 State/ Other	FY 19 Fed	FY 20 State/ Other	FY 20 Fed	FY 21 State/ Other	FY 21 Fed	FY 18 - FY 21 Total
Not Assigned	Procurement	34.9	139.5	0.0	0.0	0.0	0.0	0.0	0.0	174.4
Total	N/A	34.9	139.5	0.0	0.0	0.0	0.0	0.0	0.0	174.4

Transit: Vehicles

Transit Vehicle Replacement (3) 30' Low Floor – FY 19

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

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: \$1,440,900  
 STIP# (SPP Categories): N/A  
 Project Name: Capital assistance for urban transit systems  
 Funding (Sources) 5311/State  
 Ratio (Sources) 80/20%

Project Spend Schedule (X \$000)										
Project	Phase	FY 18 State/ Other	FY 18 Fed	FY 19 State/ Other	FY 19 Fed	FY 20 State/ Other	FY 20 Fed	FY 21 State/ Other	FY 21 Fed	FY 18 - FY 21 Total
Not Assigned	Procurement (80% FTA)	0.0	0.0	288.2	1,152.7	0.0	0.0	0.0	0.0	1,440.9
Total	N/A	0.0	0.0	288.2	1,152.7	0.0	0.0	0.0	0.0	1,440.9

Transit: Vehicles

Transit Vehicle Replacement (5) Fixed Route Cutaway Buses SC – FY 19

Project Scope/Description: This project will replace five 25-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  
 Senatorial District: 18  
 Estimated Cost: \$687,605  
 STIP# (SPP Categories): N/A  
 Project Name: Capital assistance for urban transit systems  
 Funding (Sources) 5311/State  
 Ratio (Sources) 80/20%

Project Spend Schedule (X \$000)										
Project	Phase	FY 18 State/ Other	FY 18 Fed	FY 19 State/ Other	FY 19 Fed	FY 20 State/ Other	FY 20 Fed	FY 21 State/ Other	FY 21 Fed	FY 18 - FY 21 Total
Not Assigned	Procurement	0.0	0.0	137.5	550.1	0.0	0.0	0.0	0.0	687.6
Total	N/A	0.0	0.0	137.5	550.1	0.0	0.0	0.0	0.0	687.6

Transit: Vehicles  
 Transit Vehicle Replacement (6) 30' Low Floor Buses – SC FY21

Project Scope/Description: This project will replace six 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  
 Senatorial District: 18  
 Estimated Cost: \$3,177,000  
 STIP# (SPP Categories): N/A  
 Project Name: Capital assistance for urban transit systems  
 Funding (Sources) 5311/State  
 Ratio (Sources) 80/20%

Project Spend Schedule (X \$000)										
Project	Phase	FY 18 State/ Other	FY 18 Fed	FY 19 State/ Other	FY 19 Fed	FY 20 State/ Other	FY 20 Fed	FY 21 State/ Other	FY 21 Fed	FY 18 - FY 21 Total
Not Assigned	Procurement (80% FTA)	0.0	0.0	0.0	0.0	0.0	0.0	635.4	2,541.6	3,177.0
Total	N/A	0.0	0.0	0.0	0.0	0.0	0.0	635.4	2,541.6	3,177.0



Transit: Vehicles  
 Transit Vehicle Replacement Paratransit Buses Sussex FY16-22

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  
 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 18 State/ Other	FY 18 Fed	FY 19 State/ Other	FY 19 Fed	FY 20 State/ Other	FY 20 Fed	FY 21 State/ Other	FY 21 Fed	FY 18 - FY 21 Total
Not Assigned	Procurement (100% State)	104.6	0.0	974.1	0.0	2,137.6	0.0	2,542.0	0.0	5,758.3
Total	N/A	104.6	0.0	974.1	0.0	2,137.6	0.0	2,542.0	0.0	5,758.3

Transit: Vehicles  
 Transit Vehicle Replacement Support Vehicles Sussex FY15-20

Project Scope/Description: This project will purchase support vehicles to enable staff to monitor and maintain DTC operations and facilities in Sussex County.

Project Justification: This investment in transit vehicle replacement 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: \$69,200  
 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 18 State/ Other	FY 18 Fed	FY 19 State/ Other	FY 19 Fed	FY 20 State/ Other	FY 20 Fed	FY 21 State/ Other	FY 21 Fed	FY 18 - FY 21 Total
Not Assigned	Procurement (100% State)	0.0	0.0	0.0	0.0	35.3	0.0	0.0	0.0	35.3
Total	N/A	0.0	0.0	0.0	0.0	35.3	0.0	0.0	0.0	35.3

# **STATEWIDE PROJECTS LISTING**

<b>Project</b>	<b>FY 2018 Total</b>	<b>FY 2019 Total</b>	<b>FY 2020 Total</b>	<b>FY 2021 Total</b>	<b>FY 2018 - FY 2021 Total</b>
<u>Bridge Management</u>	6,978.9	5,174.3	5,970.0	6,620.0	24,743.2
<u>Bridge Painting</u>	3,000.0	3,000.0	3,000.0	3,000.0	12,000.0
<u>Bridges</u>	56,273.7	52,153.7	49,280.0	49,500.0	207,207.7
<u>Bridge Inspection</u>	4,687.3	4,769.9	4,579.3	4,396.8	18,433.3
<u>Bicycle, Pedestrian, and Other Improvements</u>	9,846.4	6,794.0	7,140.0	7,200.0	30,980.4
<u>Design-Build Statewide Pipe Replacements (Statewide FLEX)</u>	1,012.3	1,674.0	1,168.0	1,011.8	4,866.1
<u>Design-Build Statewide Pipe Replacements (Rural&lt;5K)</u>	2,228.8	3,666.1	3,098.8	1,187.4	10,181.1
<u>Bridge Design Training Program</u>	30.0	0.0	0.0	0.0	30.0
<u>Statewide Movable Bridge Preventative Maintenance</u>	200.0	0.0	0.0	0.0	200.0
<u>USGS StreamStats Update</u>	200.0	265.0	200.0	0.0	665.0
<u>H&amp;H Analyses for Scour Critical Bridges</u>	200.0	200.0	200.0	0.0	600.0
<u>Bridge Preservation Program</u>	1,623.8	4,887.0	12,803.2	39,244.9	58,558.9
<u>Engineering and Contingency</u>	31,000.0	29,845.0	29,845.0	29,845.0	120,535.0
<u>Environmental Improvements</u>	578.0	563.0	563.0	563.0	2,267.0
<u>Intersection Improvements</u>	7,743.1	6,600.0	6,600.0	6,600.0	27,543.1
<u>Recreational Trails</u>	1,851.3	1,250.0	1,250.0	1,132.1	5,483.4
<u>Materials and Minor Contracts</u>	10,300.0	12,358.0	11,000.0	11,000.0	44,658.0
<u>Corridor Capacity Preservation</u>	1,000.0	1,000.0	1,000.0	1,000.0	4,000.0
<u>Paving and Rehabilitation</u>	99,700.0	77,400.0	75,000.0	73,800.0	325,900.0
<u>Slope Stabilization Program</u>	2,500.0	2,500.0	5,000.0	3,000.0	13,000.0
<u>Scenic Byways</u>	572.2	0.0	0.0	0.0	572.2
<u>Pedestrian ADA Accessibility</u>	3,701.0	3,040.0	3,000.0	3,000.0	12,741.0
<u>Planning Development Program</u>	2,000.0	2,000.0	2,000.0	2,000.0	8,000.0
<u>Rail Crossing Safety</u>	3,281.5	2,117.5	2,117.5	2,117.5	9,634.0
<u>Railroad Rideability Program</u>	100.0	100.0	100.0	100.0	400.0
<u>Hazard Elimination Program</u>	4,233.8	2,444.4	2,444.4	2,444.4	11,566.2
<u>Future Safety Program 80/20</u>	0.0	2,250.0	2,500.0	2,500.0	7,250.0
<u>Future Safety Program 90/10</u>	0.0	4,333.3	3,944.4	2,833.3	11,111.0
<u>Signage and Pavement Markings</u>	6,512.5	5,982.5	5,982.5	5,982.5	12,498.0
<u>Traffic Calming</u>	150.0	150.0	150.0	150.0	600.0

<u>Transportation Alternatives Program (FHWA &amp; FTA)</u>	5,620.9	9,537.0	6,179.0	5,164.0	26,500.9
<u>Dams</u>	2,760.0	3,510.0	2,700.0	2,700.0	11,670.0
<u>Dam Preservation Program</u>	1,450.8	2,000.0	2,700.0	2,700.0	8,850.8
<u>Statewide Dam H&amp;H Analysis, FY17</u>	195.0	0.0	0.0	0.0	195.0
<u>Section 154 Penalty Program</u>	3,530.2	2,420.2	2,420.2	2,420.2	10,790.8

## **SUPPORT**

<u>Aeronautics Planning</u>	165.0	165.0	210.0	210.0	750.0
<u>Aeronautics Program Development</u>	625.0	280.0	280.0	280.0	1,465.0
<u>Education and Training</u>	302.7	200.0	200.0	200.0	902.7
<u>Federal Land Access Program</u>	30.0	30.0	30.0	30.0	120.0
<u>Heavy Equipment Program</u>	12,504.2	12,500.0	12,500.0	11,500.0	49,004.2
<u>Local Transportation Assistance Program</u>	300.0	300.0	300.0	300.0	1,200.0
<u>MPO / FHWA and FTA</u>	2,850.9	2,365.1	2,959.8	2,959.8	11,135.6
<u>Rural TAP</u>	147.9	87.7	87.7	87.7	411.0
<u>Statewide Planning and Research / FHWA</u>	4,381.0	4,479.9	4,479.9	4,587.2	17,928.0
<u>Statewide Planning and Research / FTA</u>	140.5	140.5	140.5	140.5	562.0
<u>Truck Weight Enforcement</u>	645.0	645.0	645.0	645.0	2,580.0
<u>University Research</u>	250.0	250.0	250.0	250.0	1,000.0
<u>DBE</u>	125.0	125.0	125.0	125.0	500.0
<u>IT Initiatives</u>	14,000.0	12,800.0	13,000.0	13,500.0	53,300.0
<u>DMV Mainframe Modernization Project (FY 2013)</u>	4,900.0	1,000.0	0.0	0.0	5,900.0
<u>Mileage Based User Fee</u>	895.0	0.0	0.0	0.0	895.0
<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	275.2
<u>DMV Toll Equipment Upgrade</u>	1,598.8	4,343.7	4,716.1	0.0	10,658.6
<u>Transportation Facilities Administration</u>	2,250.0	2,250.0	2,250.0	2,250.0	9,000.0
<u>Transportation Facilities Operation</u>	12,162.8	9,000.0	8,000.0	7,000.0	36,162.8
<u>MUTCD Compliance</u>	4,081.7	2,000.0	2,000.0	2,000.0	10,081.7
<u>Traffic Signal Revolving Fund</u>	125.0	125.0	125.0	125.0	500.0
<u>Rideshare Program / Trip Mitigation</u>	450.0	450.0	450.0	450.0	1,800.0
<u>Transportation Management Improvements</u>	511.4	450.0	450.0	480.0	1,891.4
<u>Transportation Management Improvements</u>	7,875.0	7,875.0	7,875.0	7,875.0	31,500.0
<u>Bus Stop Improvement Program</u>	750.0	750.0	750.0	750.0	3,000.0

<u>CAD / AVL Modem Upgrade</u>	350.1	100.0	0.0	0.0	450.1
<u>CAD / AVL System and Trapeze Upgrade</u>	475.0	475.0	200.0	0.0	1,150.0
<u>Call Center Recorder Upgrade</u>	655.0	0.0	0.0	0.0	655.0
<u>Training Room Upgrades</u>	0.0	50.0	0.0	0.0	50.0
<u>Fuel Management Software System</u>	1,285.0	0.0	0.0	0.0	1,285.0
<u>Statewide Transit Safety and Security Improvements</u>	500.0	500.0	500.0	500.0	2,000.0
<u>Transit Facility Minor Capital Projects</u>	807.8	700.0	700.0	700.0	2,907.8
<u>Transit Systems Equipment</u>	186.9	40.0	40.0	40.0	306.9
<u>Yard Management System &amp; Equipment</u>	500.0	300.0	300.0	0.0	1,100.0
<u>Inventory Bar Coding</u>	80.6	0.0	0.0	0.0	80.6
<u>Snow Blowers</u>	0.0	600.0	0.0	0.0	600.0
<u>Park and Ride Hub Restrooms</u>	266.0	240.0	0.0	0.0	506.0
<u>DTC Automated Timesheet and Absence Tracking</u>	120.0	0.0	0.0	0.0	120.0
<u>Traveler Information Signage</u>	200.0	0.0	0.0	0.0	200.0
<u>Control Center Dispatch – Statewide</u>	75.5	0.0	0.0	0.0	75.5
<u>Rail Preservation</u>	300.0	300.0	300.0	300.0	1,200.0
<u>CAD / AVL</u>	1,795.0	0.0	0.0	0.0	1,795.0
<u>Fare Collection Improvements</u>	1,628.6	1,000.0	500.0	0.0	3,128.6
<u>JARC</u>	681.9	681.9	681.9	681.9	2,727.6
<u>Maintenance Equipment and Tools (Transit) Program</u>	210.0	182.0	184.0	162.0	738.0
<u>New Freedom Program Statewide 50 / 50</u>	499.3	480.0	480.0	480.0	1,939.3
<u>Taxi Pilot Equipment Start-Up</u>	280.0	0.0	0.0	0.0	280.0
<u>Transit Vehicle Replacement 5310 Program – Statewide</u>	1,497.3	1,329.6	1,329.6	1,329.6	5,486.1
<u>Paratransit Replacement Buses FY17 (77)</u>	840.1	0.0	0.0	0.0	840.1
<u>Paratransit Replacement Buses FY18 (55)</u>	5,665.0	0.0	0.0	0.0	5,665.0
<u>Transit Vehicles – Support Vehicles – Statewide FY16</u>	136.7	0.0	0.0	0.0	136.7
<u>Transit Vehicles – Support Vehicles – Statewide FY 18</u>	202.9	0.0	0.0	0.0	202.9
<b>Grants and Allocations</b>					
<u>Municipal Street</u>	5,000.0	5,000.0	5,000.0	5,000.0	20,000.0
<u>Community Transportation</u>	17,680.0	17,680.0	17,680.0	17,680.0	70,720.0

*PLACEHOLDER FOR SELF CERTIFICATION*