

***CECIL
COUNTY***

AREAWIDE BRIDGE REPLACEMENT AND REHABILITATION

DESCRIPTION: On-going program to provide major upgrades to state owned bridges that are structurally or functionally deficient. Improvements include complete replacement of structures, rehabilitation, deck replacement, and painting/cleaning.

JUSTIFICATION: Preserve bridges on state highways

County: Cecil
Investment Area: All
Municipality:
Program Category: System Preservation
TIP/STIP Category Number: 4



PROJECT TITLE <i>(All \$ x 1,000)</i>	FY 2016 TOTAL	FY 2017 STATE	FY 2017 FEDERAL	FY 2017 OTHER	FY 2018 STATE	FY 2018 FEDERAL	FY 2018 OTHER	FY 2019 STATE	FY 2019 FEDERAL	FY 2019 OTHER	FY 2020 STATE	FY 2020 FEDERAL	FY 2020 OTHER	TOTAL FY 2017-20
Areawide Bridge Replacement and Rehabilitation	3,510.0	662.0	2,648.0		662.0	2,648.0		662.0	2,648.0		662.0	2,648.0		13,240.0
Planning	70.0	14.0	56.0		14.0	56.0		14.0	56.0		14.0	56.0		280.0
Engineering	570.0	144.0	576.0		144.0	576.0		144.0	576.0		144.0	576.0		2,880.0
ROW	70.0	14.0	56.0		14.0	56.0		14.0	56.0		14.0	56.0		280.0
Construction	2,800.0	490.0	1,960.0		490.0	1,960.0		490.0	1,960.0		490.0	1,960.0		9,800.0

All \$ X 1,000

AREAWIDE ENVIRONMENTAL PROJECTS

DESCRIPTION: On-going program to provide environmental improvements along Maryland highways including noise barriers, wetland mitigation, landscaping, and other beautification efforts.

JUSTIFICATION: Improve environment and aesthetics along state highways. (STP Enhancement projects will be submitted independently)

County: Cecil
Investment Area: All
Municipality:
Program Category: System Preservation
TIP/STIP Category Number: 1

All \$ X 1,000

PROJECT TITLE (All \$ x 1,000)	FY 2016 TOTAL	FY 2017 STATE	FY 2017 FEDERAL	FY 2017 OTHER	FY 2018 STATE	FY 2018 FEDERAL	FY 2018 OTHER	FY 2019 STATE	FY 2019 FEDERAL	FY 2019 OTHER	FY 2020 STATE	FY 2020 FEDERAL	FY 2020 OTHER	TOTAL FY 2017-20
Areawide Environmental Projects	3,630.0	630.0	2,520.0	0.0	624.0	2,496.0	0.0	624.0	2,496.0	0.0	624.0	2,496.0	0.0	12,510.0
Planning	50.0	10.0	40.0		10.0	40.0		10.0	40.0		10.0	40.0		200.0
Engineering	550.0	110.0	440.0		104.0	416.0		104.0	416.0		104.0	416.0		2,110.0
ROW	50.0	10.0	40.0		10.0	40.0		10.0	40.0		10.0	40.0		200.0
Construction	2,980.0	500.0	2,000.0		500.0	2,000.0		500.0	2,000.0		500.0	2,000.0		10,000.0

AREAWIDE RESURFACING AND REHABILITATION

DESCRIPTION: On-going program to provide periodic resurfacing of state highways. Projects may also include minor rehabilitation of roadways and maintenance/upgrading of shoulders, drainage, guardrail, and pavement markings.

JUSTIFICATION: To preserve pavement quality on state highways.

County: Cecil
Investment Area: All
Municipality:
Program Category: System Preservation
TIP/STIP Category Number: 3

PROJECT TITLE (All \$ x 1,000)	FY 2016 TOTAL	FY 2017 STATE	FY 2017 FEDERAL	FY 2017 OTHER	FY 2018 STATE	FY 2018 FEDERAL	FY 2018 OTHER	FY 2019 STATE	FY 2019 FEDERAL	FY 2019 OTHER	FY 2020 STATE	FY 2020 FEDERAL	FY 2020 OTHER	TOTAL FY 2017-20
Areawide Resurfacing and Rehabilitation	9,050.0	1,810.0	7,240.0	0.0	1,810.0	7,240.0	0.0	1,260.0	5,040.0	0.0	1,260.0	5,040.0	0.0	30,700.0
Planning	100.0	20.0	80.0		20.0	80.0		20.0	80.0		20.0	80.0		400.0
Engineering	600.0	120.0	480.0		120.0	480.0		120.0	480.0		120.0	480.0		2,400.0
ROW	100.0	20.0	80.0		20.0	80.0		20.0	80.0		20.0	80.0		400.0
Construction	8,250.0	1,650.0	6,600.0		1,650.0	6,600.0		1,100.0	4,400.0		1,100.0	4,400.0		27,500.0

All \$ X 1,000

AREAWIDE SAFETY AND SPOT IMPROVEMENTS

DESCRIPTION: On-going program to provide localized improvements that enhance safety and/or operations on state highways. Typical projects are ramp and intersection modifications, sight distance and small drainage improvements, climbing lanes, and localized widening.

JUSTIFICATION: To improve localized safety and operational problems along state highways.

County: Cecil
Investment Area: All
Municipality:
Program Category: System Preservation
TIP/STIP Category Number: 2

PROJECT TITLE (All \$ x 1,000)	FY 2016 TOTAL	FY 2017 STATE	FY 2017 FEDERAL	FY 2017 OTHER	FY 2018 STATE	FY 2018 FEDERAL	FY 2018 OTHER	FY 2019 STATE	FY 2019 FEDERAL	FY 2019 OTHER	FY 2020 STATE	FY 2020 FEDERAL	FY 2020 OTHER	TOTAL FY 2017-20
Areawide Safety and Spot Improvements	6,210.0	1,242.0	4,968.0	0.0	1,002.0	4,008.0	0.0	1,002.0	4,008.0	0.0	1,002.0	4,008.0	0.0	21,240.0
Planning	80.0	16.0	64.0		16.0	64.0		16.0	64.0		16.0	64.0		320.0
Engineering	900.0	180.0	720.0		180.0	720.0		180.0	720.0		180.0	720.0		3,600.0
ROW	80.0	16.0	64.0		16.0	64.0		16.0	64.0		16.0	64.0		320.0
Construction	5,150.0	1,030.0	4,120.0		790.0	3,160.0		790.0	3,160.0		790.0	3,160.0		17,000.0

All \$ X 1,000

AREAWIDE URBAN STREET RECONSTRUCTION

DESCRIPTION: On-going program for rehabilitation of state owned streets in towns and urban areas. Projects typically include roadway rehabilitation, closed drainage, utility relocations, sidewalks, landscaping, and street furniture. This may also be associated with local redevelopment efforts.

JUSTIFICATION: Preserve and enhance state-owned urban streetscapes.

County: Cecil
Investment Areas: Centers
Municipality:
Program Category: System Preservation
TIP/STIP Category Number: 5



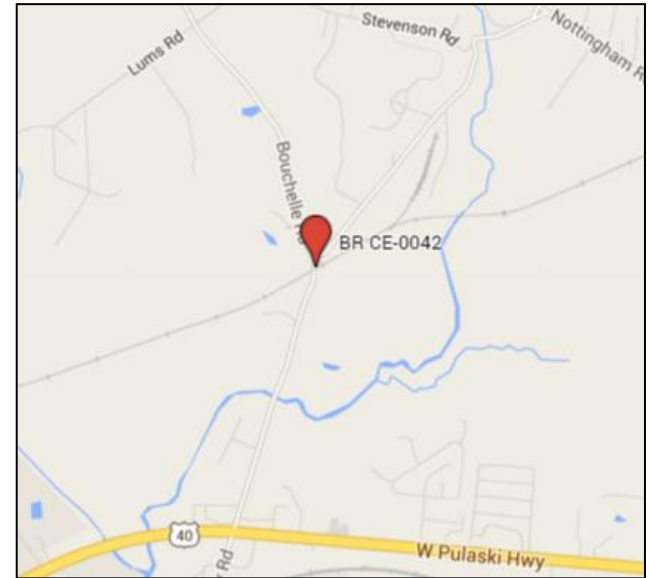
PROJECT TITLE (All \$ x 1,000)	FY 2016 TOTAL	FY 2017 STATE	FY 2017 FEDERAL	FY 2017 OTHER	FY 2018 STATE	FY 2018 FEDERAL	FY 2018 OTHER	FY 2019 STATE	FY 2019 FEDERAL	FY 2019 OTHER	FY 2020 STATE	FY 2020 FEDERAL	FY 2020 OTHER	TOTAL FY 2017-20
Areawide Urban Street Reconstruction	340.0	70.0	280.0	0.0	70.0	280.0	0.0	70.0	280.0	0.0	70.0	280.0	0.0	1,400.0
Planning	10.0	2.0	8.0		2.0	8.0		2.0	8.0		2.0	8.0		40.0
Engineering	70.0	16.0	64.0		16.0	64.0		16.0	64.0		16.0	64.0		320.0
ROW	10.0	2.0	8.0		2.0	8.0		2.0	8.0		2.0	8.0		40.0
Construction	250.0	50.0	200.0		50.0	200.0		50.0	200.0		50.0	200.0		1,000.0

All \$ X 1,000

CECIL COUNTY BRIDGE CE-0042, MECHANICS VALLEY RD OVER CSX RAILROAD

DESCRIPTION: Project will replace the existing bridge that is currently in poor condition and is functionally obsolete, with a new, modern bridge on a new alignment that will also improve the intersection of Mechanics Valley Road with Bouchelle Road.

JUSTIFICATION: Bridge preservation.



County: Cecil
Investment Areas: Core
Municipality:
Program Category: System Preservation
TIP/STIP Category Number:



PROJECT TITLE (All \$ x 1,000)	FY 2016 TOTAL	FY 2017 STATE	FY 2017 FEDERAL	FY 2017 OTHER	FY 2018 STATE	FY 2018 FEDERAL	FY 2018 OTHER	FY 2019 STATE	FY 2019 FEDERAL	FY 2019 OTHER	FY 2020 STATE	FY 2020 FEDERAL	FY 2020 OTHER	TOTAL FY 2017-20
Cecil County Bridge CE-0042, Mechanics Valley Rd over CSX Railroad	500.0													0.0

All \$ X 1,000

MARC MAINTENANCE FACILITY

DESCRIPTION: The Maryland Transit Administration (MTA) received State and Federal Transit Administration (FTA) funds to advance preliminary engineering and to prepare a National Environmental Policy Act (NEPA) environmental documentation for a proposed MARC Maintenance Facility in Cecil County, Maryland. The project includes construction of a facility that will provide MARC with the capability of storing, servicing and inspecting complete commuter rail trainsets and performing scheduled and unscheduled maintenance and repair work on both locomotives and passenger cars. The general project area is a 115 acre site in Perryville, Maryland. More details on the required right-of-way and potential environmental impacts will be included in the environmental document.

JUSTIFICATION: Support existing train service by improving the capacity to store and maintain trainsets.

County: Cecil
Investment Areas: Center
Municipality:
Program Category: System Preservation



PROJECT TITLE (All \$ x 1,000)	FY 2016 TOTAL	FY 2017 STATE	FY 2017 FEDERAL	FY 2017 OTHER	FY 2018 STATE	FY 2018 FEDERAL	FY 2018 OTHER	FY 2019 STATE	FY 2019 FEDERAL	FY 2019 OTHER	FY 2020 STATE	FY 2020 FEDERAL	FY 2020 OTHER	TOTAL FY 2017-20
MARC Maintenance Facility	11,602.0	1,000.0	4,000.0											5,000.0

All \$ X 1,000

MD 222 BRIDGE OVER ROCK RUN

DESCRIPTION: Project will replace the existing bridge with a new structure. New bridge will include shoulders, sidewalks and bicycle facilities.

JUSTIFICATION: Existing bridge is structurally deficient.

County: Cecil
Investment Areas: Community
Municipality: Port Deposit
Program Category: System Preservation
TIP/STIP Category Number: 0702700



PROJECT TITLE (All \$ x 1,000)	FY 2016	FY 2017	FY 2017	FY 2017	FY 2018	FY 2018	FY 2018	FY 2019	FY 2019	FY 2019	FY 2020	FY 2020	FY 2020	TOTAL
	TOTAL	STATE	FEDERAL	OTHER	STATE	FEDERAL	OTHER	STATE	FEDERAL	OTHER	STATE	FEDERAL	OTHER	FY 2017-20
MD 222 Bridge over Rock Run	854.0	1,800.0	0.0	0.0	38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,838.0
Planning	0.0													0.0
Engineering	4.0													0.0
ROW	75.0	75.0			38.0									113.0
Construction	775.0	1,725.0												1,725.0

All \$ X 1,000

SMALL URBAN TRANSIT SYSTEM – CAPITAL AND OPERATING ASSISTANCE

DESCRIPTION: Operating assistance to the Cecil County Department of Aging. Operating assistance to enable the Department to provide much needed transportation service in the County.

JUSTIFICATION: Operating assistance will enable the Cecil County Department of Aging to finance the operation of their services including administrative expenses and augment local funds by financing net operating deficit.

County: Cecil
Investment Areas: All
Municipality:
Program Category: System Preservation
TIP/STIP Category Number: MTA LINE 52



PROJECT TITLE (All \$ x 1,000)	FY 2016 TOTAL	FY 2017 STATE	FY 2017 FEDERAL	FY 2017 OTHER	FY 2018 STATE	FY 2018 FEDERAL	FY 2018 OTHER	FY 2019 STATE	FY 2019 FEDERAL	FY 2019 OTHER	FY 2020 STATE	FY 2020 FEDERAL	FY 2020 OTHER	TOTAL FY 2017-20
Small Urban Transit - Capital Assistance (Section 5310)	20.4		72.0	18.0										90.0
Small Urban Transit - Capital Assistance (Section 5307)	420.0													0.0
Small Urban Transit - Capital Assistance	922.0	92.0	92.0	738.0	92.0	92.0	738.0							1,844.0
Small Urban Transit - Operating Assistance	666.0	312.0	195.0	159.0	312.0	195.0	159.0							1,332.0

All \$ X 1,000

AREAWIDE CONGESTION MANAGEMENT

DESCRIPTION: On-going program to provide traffic control, monitoring, and management along state highways. Improvements include signal and signing installation and modification, incident management, ridesharing, and other Transportation System Management (TSM) activities. Any project identified for CMAQ funding will be submitted independently.

JUSTIFICATION: Maintain and improve operation of state highways.

County: Cecil
Investment Area: All
Municipality:
Program Category: System Management
TIP/STIP Category Number: 6



PROJECT TITLE (All \$ x 1,000)	FY 2016 TOTAL	FY 2017 STATE	FY 2017 FEDERAL	FY 2017 OTHER	FY 2018 STATE	FY 2018 FEDERAL	FY 2018 OTHER	FY 2019 STATE	FY 2019 FEDERAL	FY 2019 OTHER	FY 2020 STATE	FY 2020 FEDERAL	FY 2020 OTHER	TOTAL FY 2017-20
Areawide Congestion Management	660.0	176.0	703.0		174.0	695.0		130.0	520.0		130.0	520.0		3,048.0
Planning	20.0	8.0	32.0		8.0	32.0		4.0	16.0		4.0	16.0		120.0
Engineering	100.0	20.0	80.0		20.0	80.0		20.0	80.0		20.0	80.0		400.0
ROW	20.0	4.0	16.0		2.0	8.0		2.0	8.0		2.0	8.0		50.0
Construction	520.0	144.0	575.0		144.0	575.0		104.0	416.0		104.0	416.0		2,478.0

All \$ X 1,000

CECIL COUNTY TRANSPORTATION ALTERNATIVE/ TRANSPORTATION ENHANCEMENT PROJECTS

DESCRIPTION: These are innovative projects that have received Transportation Alternatives Program funding (TAP – MAP-21) or Transportation Enhancement Program funds (TEP – SAFETEA-LU). Projects include the Jacob Tome Gashouse in Port Deposit, Bohemia Trail in Chesapeake City, US 301 Stream Restoration Project, and the East High Street and Locust Lane Sidewalk Improvement Project in Elkton.

JUSTIFICATION: These projects will improve the environment, provide economic development, and improve safety for bicyclists and pedestrians.

County: Cecil
Investment Area:
Municipality:
Program Category: System Management



PROJECT TITLE (All \$ x 1,000)	FY 2016 TOTAL	FY 2017 STATE	FY 2017 FEDERAL	FY 2017 OTHER	FY 2018 STATE	FY 2018 FEDERAL	FY 2018 OTHER	FY 2019 STATE	FY 2019 FEDERAL	FY 2019 OTHER	FY 2020 STATE	FY 2020 FEDERAL	FY 2020 OTHER	TOTAL FY 2017-20
Transportation Enhancements/Alternatives Program - Cecil County	721.0		733.9	513.7		510.8	129.5		274.9	68.7		13.0	4.0	2,248.5

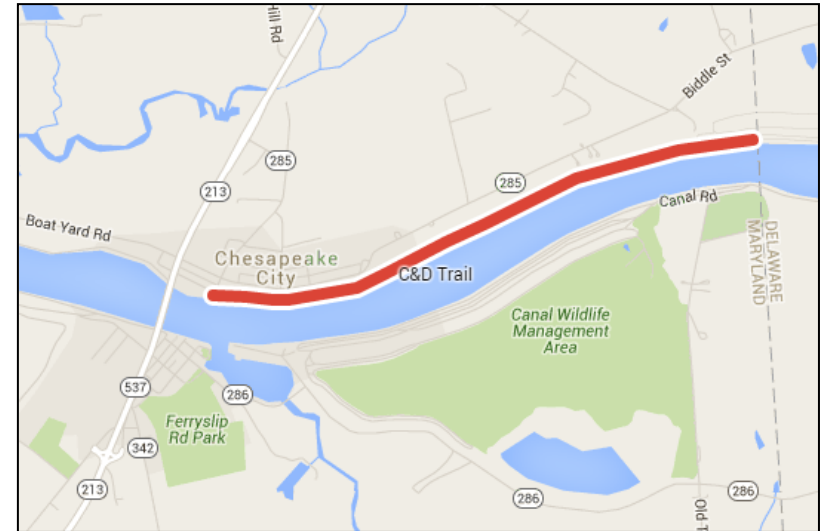
All \$ X 1,000

CHESAPEAKE AND DELAWARE CANAL TRAIL, MARYLAND

DESCRIPTION: Project will transform the existing gravel service road on the north side of the C&D Canal into a multipurpose trail.

JUSTIFICATION: The trail will link the many historic and environmental resources of Chesapeake MD with the communities of Delaware City, and St. Georges. This 1.8 mile segment will complete the 17-mile northern section.

County: Cecil
Investment Area:
Municipality:
Program Category: System Management
TIP/STIP Category Number:



PROJECT TITLE (All \$ x 1,000)	FY 2016 TOTAL	FY 2017 STATE	FY 2017 FEDERAL	FY 2017 OTHER	FY 2018 STATE	FY 2018 FEDERAL	FY 2018 OTHER	FY 2019 STATE	FY 2019 FEDERAL	FY 2019 OTHER	FY 2020 STATE	FY 2020 FEDERAL	FY 2020 OTHER	TOTAL FY 2017-20
Chesapeake & Delaware (C&D) Canal Trail - Maryland	360.0													0.0

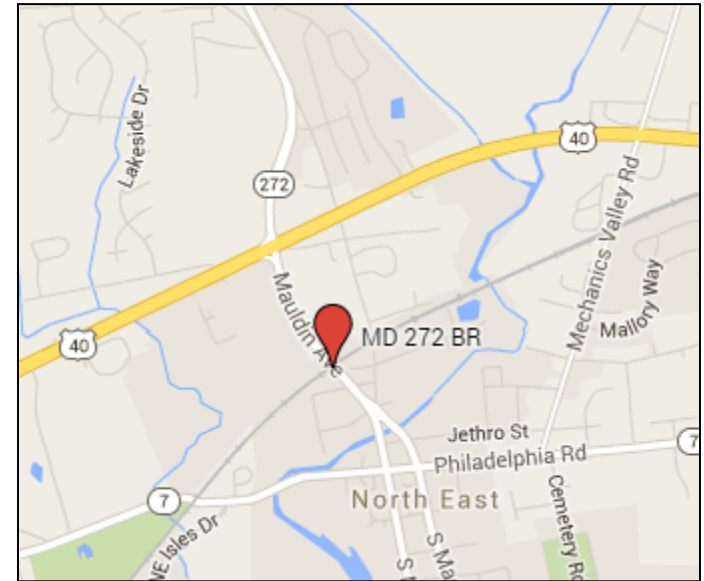
All \$ X 1,000

MD 272 BRIDGE OVER AMTRAK

DESCRIPTION: Project will replace the existing bridge with a new structure. New bridge will be wider to accommodate improved sidewalks and bicycle facilities and higher to accommodate double-stacking of freight rail and future railroad expansion.

JUSTIFICATION: Existing bridge is deteriorated and structurally deficient.

County: Cecil
Investment Areas: Center
Municipality: North East
Program Category: System Management
TIP/STIP Category Number: CE4461

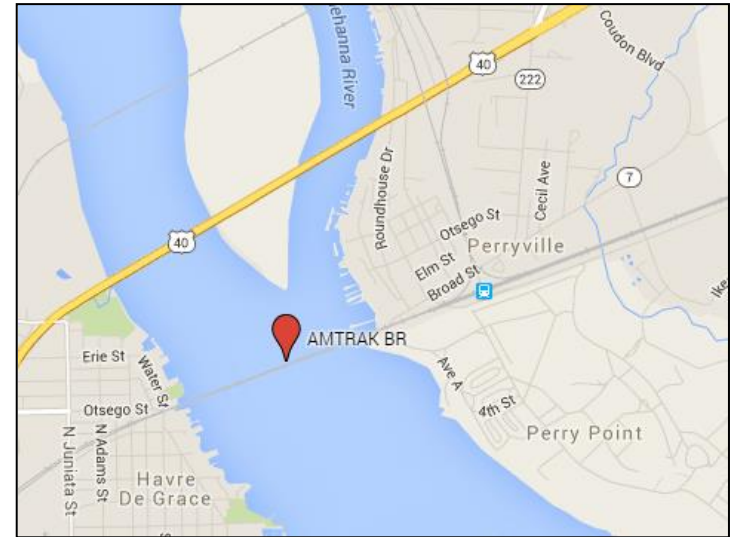


PROJECT TITLE (All \$ x 1,000)	FY 2016 TOTAL	FY 2017 STATE	FY 2017 FEDERAL	FY 2017 OTHER	FY 2018 STATE	FY 2018 FEDERAL	FY 2018 OTHER	FY 2019 STATE	FY 2019 FEDERAL	FY 2019 OTHER	FY 2020 STATE	FY 2020 FEDERAL	FY 2020 OTHER	TOTAL FY 2017-20
MD 272 Bridge over Amtrak	7,188.0	1,140.0	4,761.0	0.0	319.0	1,342.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7,562.0
Planning	0.0													0.0
Engineering	0.0													0.0
ROW	0.0													0.0
Construction	7,188.0	1,140.0	4,761.0		319.0	1,342.0								7,562.0

All \$ X 1,000

SUSQUEHANNA RIVER RAIL BRIDGE

DESCRIPTION: The Susquehanna River Bridge is the longest movable bridge on the entire NEC, approximately three quarters of a mile long. Completed in 1906, the bridge connects Havre de Grace and Perryville, MD, offering riders stunning views of the Chesapeake Bay. Of the three major bridges in Maryland, the Susquehanna River Bridge is perhaps the worst bottleneck and arguably the most badly in need of replacement. The bridge constricts the NEC down to two tracks and restricts speeds to 90 mph in an otherwise 120-mph territory due to its design and aging components that cannot support faster trains. Susquehanna is required to open approximately a dozen times per year for boats to pass, but its current design is not suited for the task. A crew of over 30 workers is required to manually open the bridge, essentially de-constructing and re-constructing the railroad each time. The process of opening the Susquehanna River Bridge is much more expensive than opening a modern-day movable bridge, which would require just one bridge operator.



The state of Maryland and Amtrak are planning to replace the Susquehanna River Bridge. In 2011, the state was awarded a \$22-million HSIPR grant to initiate preliminary engineering and environmental review of new bridge facilities. Plans may include a new two-track fixed bridge, serving primarily passenger trains, that would be high enough to let boats pass without opening and a second two-track bridge that would serve freight trains and other passenger service. The design of the second bridge would be coordinated with existing freight users.

JUSTIFICATION: Investments in new bridge infrastructure over the Susquehanna River would greatly increase speeds for Amtrak and MARC trains, improve reliability, lower operating costs, and support increased service for all passenger and freight operators.

County: Cecil
Investment Area: Core
Municipality:
Program Category: System Management



PROJECT TITLE (All \$ x 1,000)	FY 2016 TOTAL	FY 2017 STATE	FY 2017 FEDERAL	FY 2017 OTHER	FY 2018 STATE	FY 2018 FEDERAL	FY 2018 OTHER	FY 2019 STATE	FY 2019 FEDERAL	FY 2019 OTHER	FY 2020 STATE	FY 2020 FEDERAL	FY 2020 OTHER	TOTAL FY 2017-20
Susquehanna River Rail Bridge	6,500.0			3,337.0			500.0							3,837.0

All \$ X 1,000