

***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 Number: Urban Bridge Replacement and Rehabilitation



Phase All \$ x 1,000	Current Estimate	FY19 State	FY19 Fed	FY19 Other	FY20 State	FY20 Fed	FY20 Other	FY21 State	FY21 Fed	FY21 Other	FY22 State	FY22 Fed	FY22 Other	FY 2019-22 TOTAL
Planning		14.0	56.0		14.0	56.0		14.0	56.0		14.0	56.0		280.0
Engineering		144.0	576.0		144.0	576.0		144.0	576.0		144.0	576.0		2,880.0
ROW		14.0	56.0		14.0	56.0		14.0	56.0		14.0	56.0		280.0
Construction		490.0	1,960.0		490.0	1,960.0		490.0	1,960.0		490.0	1,960.0		9,800.0
Total		662.0	2,648.0		662.0	2,648.0		662.0	2,648.0		662.0	2,648.0		13,240.0

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 Number: Urban Environmental Projects

Phase All \$ x 1,000	Current Estimate	FY19 State	FY19 Fed	FY19 Other	FY20 State	FY20 Fed	FY20 Other	FY21 State	FY21 Fed	FY21 Other	FY22 State	FY22 Fed	FY22 Other	FY 2019-22 TOTAL
Planning		10.0	40.0		10.0	40.0		10.0	40.0		10.0	40.0		200.0
Engineering		104.0	416.0		104.0	416.0		104.0	416.0		104.0	416.0		2,080.0
ROW		10.0	40.0		10.0	40.0		10.0	40.0		10.0	40.0		200.0
Construction		500.0	2,000.0		500.0	2,000.0		500.0	2,000.0		500.0	2,000.0		10,000.0
Total		624.0	2,496.0		624.0	2,496.0		624.0	2,496.0		624.0	2,496.0		12,480.0

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 Number: Urban Resurfacing and Rehabilitation

Phase All \$ x 1,000	Current Estimate	FY19 State	FY19 Fed	FY19 Other	FY20 State	FY20 Fed	FY20 Other	FY21 State	FY21 Fed	FY21 Other	FY22 State	FY22 Fed	FY22 Other	FY 2019-22 TOTAL
Planning		20.0	80.0		20.0	80.0		20.0	80.0					300.0
Engineering		120.0	480.0		120.0	480.0		120.0	480.0					1,800.0
ROW		20.0	80.0		20.0	80.0		20.0	80.0					300.0
Construction		1,100.0	4,400.0		1,100.0	4,400.0		1,100.0	4,400.0					16,500.0
Total		1,260.0	5,040.0	0.0	1,260.0	5,040.0	0.0	1,260.0	5,040.0	0.0	1,810.0	7,240.0	0.0	27,950.0

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 Number: Urban Safety and Spot Improvements

Phase All \$ x 1,000	Current Estimate	FY19 State	FY19 Fed	FY19 Other	FY20 State	FY20 Fed	FY20 Other	FY21 State	FY21 Fed	FY21 Other	FY22 State	FY22 Fed	FY22 Other	FY 2019-22 TOTAL
Planning		16.0	64.0		16.0	64.0		16.0	64.0		16.0	64.0		320.0
Engineering		180.0	720.0		180.0	720.0		180.0	720.0		180.0	720.0		3,600.0
ROW		16.0	64.0		16.0	64.0		16.0	64.0		16.0	64.0		320.0
Construction		790.0	3,160.0		790.0	3,160.0		790.0	3,160.0		790.0	3,160.0		15,800.0
Total		1,002.0	4,008.0	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	20,040.0

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 Number: Urban Street Reconstruction

Phase All \$ x 1,000	Current Estimate	FY19 State	FY19 Fed	FY19 Other	FY20 State	FY20 Fed	FY20 Other	FY21 State	FY21 Fed	FY21 Other	FY22 State	FY22 Fed	FY22 Other	FY 2019-22 TOTAL
Planning		2.0	8.0		2.0	8.0		2.0	8.0		2.0	8.0		40.0
Engineering		16.0	64.0		16.0	64.0		16.0	64.0		16.0	64.0		320.0
ROW		2.0	8.0		2.0	8.0		2.0	8.0		2.0	8.0		40.0
Construction		50.0	200.0		50.0	200.0		50.0	200.0		50.0	200.0		1,000.0
Total		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

CECIL COUNTY BRIDGE PAINTING

DESCRIPTION: This project is the environmental documental and permitting for cleaning and painting of County Bridges:
 CE0018 - Stevenson Road over Little Northeast Creek, CE0024 - Providence Road over Little Elk Creek,
 CE0063 - Black Snake Road over Little Elk Creek

JUSTIFICATION: Project will perform necessary repairs and maintenance to include primarily painting of the bridges which is now required at the above bridges. This is typical and necessary maintenance at this point in each of the bridges lifecycle.

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



Phase All \$ x 1,000	Current Estimate	FY19 State	FY19 Fed	FY19 Other	FY20 State	FY20 Fed	FY20 Other	FY21 State	FY21 Fed	FY21 Other	FY22 State	FY22 Fed	FY22 Other	FY 2019-22 TOTAL
Engineering Construction			560.0	140.0										700.0
Total			560.0	140.0										700.0

MD 273, BRIDGE 0704400 OVER BIG ELK CREEK

DESCRIPTION: Replacement of Bridge 704400 along MD 273 over Big Elk Creek.

JUSTIFICATION: Bridge is structurally deficient and needs replacement.



County: Cecil
Investment Areas: Rural
Municipality:
Program Category: System Preservation
TIP/STIP Number: CE 2831

Phase All \$ x 1,000	Current Estimate	FY19 State	FY19 Fed	FY19 Other	FY20 State	FY20 Fed	FY20 Other	FY21 State	FY21 Fed	FY21 Other	FY22 State	FY22 Fed	FY22 Other	FY 2019-22 TOTAL
PE		207.0			70.0									277.0
ROW		3.0			3.0									6.0
C		777.0	2,754.0		779.0	2,762.0								7,072.0
Total		987.0	2,754.0		852.0	2,762.0								7,355.0

STBG-Z232 - Surface Transportation Block Grant Areas with Population 5K and Under

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



Phase All \$ x 1,000	Current Estimate	FY19 State	FY19 Fed	FY19 Other	FY20 State	FY20 Fed	FY20 Other	FY21 State	FY21 Fed	FY21 Other	FY22 State	FY22 Fed	FY22 Other	FY 2019-22 TOTAL
Small Urban Transit - Capital Assistance (5307)											109.0	328.0	219.0	656.0
Small Urban Transit - Operating Assistance (5307)													500.0	500.0
Total											109.0	328.0	719.0	1,156.0

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 Number: Urban Congestion Management



Phase All \$ x 1,000	Current Estimate	FY19 State	FY19 Fed	FY19 Other	FY20 State	FY20 Fed	FY20 Other	FY21 State	FY21 Fed	FY21 Other	FY22 State	FY22 Fed	FY22 Other	FY 2019-22 TOTAL
Planning		28.0	112.0		8.0	32.0		8.0	32.0		28.0	112.0		360.0
Engineering		50.0	200.0		40.0	160.0		40.0	160.0		60.0	240.0		950.0
ROW		2.0	8.0		2.0	8.0		2.0	8.0		2.0	8.0		40.0
Construction		180.0	720.0		145.0	580.0		145.0	580.0		200.0	800.0		3,350.0
Total		260.0	1,040.0	-	195.0	780.0	-	195.0	780.0	-	290.0	1,160.0	-	4,700.0

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



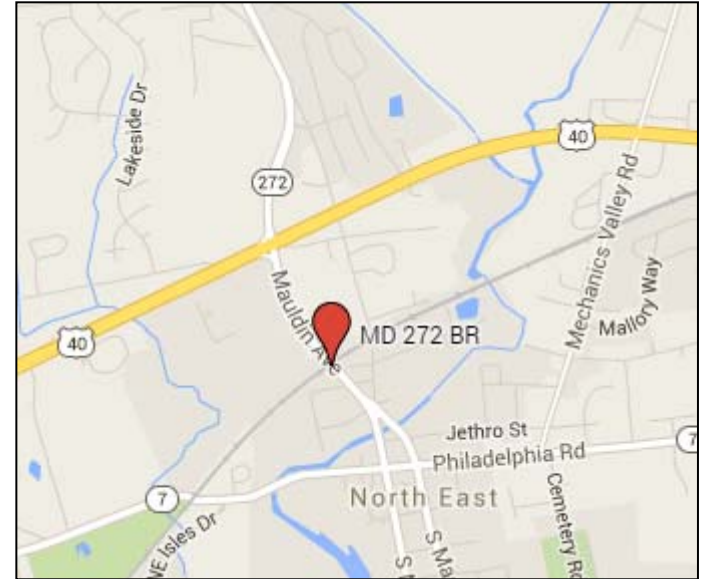
Phase All \$ x 1,000	Current Estimate	FY19 State	FY19 Fed	FY19 Other	FY20 State	FY20 Fed	FY20 Other	FY21 State	FY21 Fed	FY21 Other	FY22 State	FY22 Fed	FY22 Other	FY 2019-22
Transportation Alternatives Program - Cecil County		0.0	274.9	68.7	0.0	13.0	4.0	0.0	13.0	4.0	0.0	510.8	129.5	1,017.9
		0.0	274.9	68.7	0.0	13.0	4.0	0.0	13.0	4.0	0.0	510.8	129.5	1,017.9

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



Phase (All \$ x 1,000)	FY 2017 TOTAL	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	FY 2021 STATE	FY 2021 FEDERAL	FY 2021 OTHER	TOTAL FY 2018-21
Planning	0.0													0.0
Engineering	0.0													0.0
ROW	0.0													0.0
Construction	5,901.0	319.0	1,342.0											1,661.0
Total	5,901.0	319.0	1,342.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,661.0

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



Phase All \$ x 1,000	Current Estimate	FY19 State	FY19 Fed	FY19 Other	FY20 State	FY20 Fed	FY20 Other	FY21 State	FY21 Fed	FY21 Other	FY22 State	FY22 Fed	FY22 Other	FY 2019-22 TOTAL
PE													500.0	500.0
													500.0	500.0