

***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	FY20 State	FY20 Fed	FY20 Other	FY21 State	FY21 Fed	FY21 Other	FY22 State	FY22 Fed	FY22 Other	FY23 State	FY23 Fed	FY23 Other	TOTAL FY 20-23
PD		10	40		10	40		10	40		10	40		200
Engineering		150	600		150	600		150	600		150	600		3,000
ROW		10	40		10	40		10	40		10	40		200
Construction		450	1,800		450	1,800		450	1,800		450	1,800		9,000
Total		620	2,480	-	620	2,480	-	620	2,480	-	620	2,480	-	12,400

WILMAPCO 3-1, Federal sources may include NHPP, STBG, and/or other as deemed appropriate by MDOT.

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	FY20 State	FY20 Fed	FY20 Other	FY21 State	FY21 Fed	FY21 Other	FY22 State	FY22 Fed	FY22 Other	FY23 State	FY23 Fed	FY23 Other	TOTAL FY 20-23
Planning		10	40		10	40		10	40		10	40		200
Engineering		80	320		80	320		80	320		80	320		1,600
ROW		10	40		10	40		10	40		10	40		200
Construction		500	2,000		500	2,000		500	2,000		500	2,000		10,000
Total		600	2,400	-	600	2,400	-	600	2,400	-	600	2,400	-	12,000

WILMAPCO 3-2, Federal sources may include NHPP, STBG, HSIP, and/or others as deemed appropriate by MDOT.

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	FY20 State	FY20 Fed	FY20 Other	FY21 State	FY21 Fed	FY21 Other	FY22 State	FY22 Fed	FY22 Other	FY23 State	FY23 Fed	FY23 Other	TOTAL FY 20-23
Planning		20	80		20	80		20	80		20	80		400
Engineering		100	400		100	400		100	400		100	400		2,000
ROW		20	80		20	80		20	80		20	80		400
Construction		1,200	4,800		1,200	4,800		1,200	4,800		1,200	4,800		24,000
Total		1,340	5,360	-	1,340	5,360	-	1,340	5,360	-	1,340	5,360	-	26,800

WILMAPCO 3-3, Federal sources may include NHPP, STBG, HSIP, and/or others as deemed appropriate by MDOT.

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	FY20 State	FY20 Fed	FY20 Other	FY21 State	FY21 Fed	FY21 Other	FY22 State	FY22 Fed	FY22 Other	FY23 State	FY23 Fed	FY23 Other	TOTAL FY 20-23
Planning		15	60		15	60		15	60		15	60		300
Engineering		150	600		150	600		150	600		150	600		3,000
ROW		15	60		15	60		15	60		15	60		300
Construction		600	2,400		600	2,400		600	2,400		600	2,400		12,000
Total		780	3,120	-	780	3,120	-	780	3,120	-	780	3,120	-	15,600

WILMAPCO 3-4, Federal sources may include NHPP, CMAQ, STBG, HSIP, and/or others as deemed appropriate by MDOT. Use of CMAQ subject to WILMAPCO review and approval.

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	FY20 State	FY20 Fed	FY20 Other	FY21 State	FY21 Fed	FY21 Other	FY22 State	FY22 Fed	FY22 Other	FY23 State	FY23 Fed	FY23 Other	TOTAL FY 20-23
Planning		2	8		2	8		2	8		2	8		40
Engineering		15	60		15	60		15	60		15	60		300
ROW		2	8		2	8		2	8		2	8		40
Construction		50	200		50	200		50	200		50	200		1,000
Total		69	276	-	69	276	-	69	276	-	69	276	-	1,380

WILMAPCO 3-5, Federal sources may include NHPP, STBG, and/or others as deemed appropriate by MDOT.

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	FY20 State	FY20 Fed	FY20 Other	FY21 State	FY21 Fed	FY21 Other	FY22 State	FY22 Fed	FY22 Other	FY23 State	FY23 Fed	FY23 Other	TOTAL FY 20-23
Engineering Construction										80			80	160
Total										80			80	160

CECIL COUNTY BRIDGE CE-0042, MECHANICS VALLEY ROAD OVER CSX

DESCRIPTION: The project will replace the existing bridge with a new, modern bridge on a new alignment that will also improve the intersection of Mechanics Valley Road with Bouchelle Road.

JUSTIFICATION: Bridge is in poor condition and is functionally obsolete.



County: Cecil
Investment Areas: Core
Municipality:
Program Category: System Preservation
TIP/STIP Number: CE 0042

Phase All \$ x 1,000	Current Estimate	FY20 State	FY20 Fed	FY20 Other	FY21 State	FY21 Fed	FY21 Other	FY22 State	FY22 Fed	FY22 Other	FY23 State	FY23 Fed	FY23 Other	TOTAL FY 20-23
C			8,120.0	2,030.0										11,238.0
Total			8,120.0	2,030.0										11,238.0

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

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	FY20 State	FY20 Fed	FY20 Other	FY21 State	FY21 Fed	FY21 Other	FY22 State	FY22 Fed	FY22 Other	FY23 State	FY23 Fed	FY23 Other	TOTAL FY 20-23
Planning														40
Engineering														300
ROW		16			2			2			1			40
Construction		581	2,456											1,000
Total		597	2,456	-	2	-	-	2	-	-	1	-	-	1,380

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

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	FY20 State	FY20 Fed	FY20 Other	FY21 State	FY21 Fed	FY21 Other	FY22 State	FY22 Fed	FY22 Other	FY23 State	FY23 Fed	FY23 Other	TOTAL FY 20-23
Small Urban Transit - Capital Assistance (5310)						108	27					108	27	270
Small Urban Transit - Capital Assistance (5307)		50	400	50	50	400	50	50	400	50	50	400	50	2,000
Rural Transit Operating Assistance (5311)		109	328	219	109	328	219	109	328	219	109	328	219	2,624
Small Urban Transit - Operating Assistance (5307)		13	25	13	13	25	13	13	25	13	13	25	13	204
Total		172	753	282	172	861	309	172	753	282	172	861	309	5,098

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	FY20 State	FY20 Fed	FY20 Other	FY21 State	FY21 Fed	FY21 Other	FY22 State	FY22 Fed	FY22 Other	FY23 State	FY23 Fed	FY23 Other	TOTAL FY 20-23
Planning		15	60		15	60		15	60		15	60		300
Engineering		60	240		60	240		60	240		60	240		1,200
ROW		2	8		2	8		2	8		2	8		40
Construction		120	480		120	480		120	480		120	480		2,400
Total		197	788	-	197	788	-	197	788	-	197	788	-	3,940

WILMAPCO 3-10, Federal sources may include NHPP, CMAQ, STBG, and/or others as deemed appropriate by MDOT. Use of CMAQ subject to WILMAPCO review and approval.

CECIL COUNTY MID-COUNTY TRANSIT HUB

DESCRIPTION: Cecil County and MDOT-MTA will develop a new transit hub in a central location to their exiting a proposed bus routes.

JUSTIFICATION: Increase efficiencies in providing fixed route bus service to serve existing riders, attract new riders, and establish timed transfers. Additionally, it will reduce the amount of dead head miles.

County: Cecil
Investment Area: All
Municipality:
Program Category: System Management
TIP/STIP Number: Cecil County Mid-County Transit Hub



Phase All \$ x 1,000	Current Estimate	FY20 State	FY20 Fed	FY20 Other	FY21 State	FY21 Fed	FY21 Other	FY22 State	FY22 Fed	FY22 Other	FY23 State	FY23 Fed	FY23 Other	TOTAL FY 20-23
Planning														
Engineering														
ROW														
Construction					100	800	100	25	200	25	25	200	25	500
Total					100	800	100	25	200	25	25	200	25	1,500

Federal sources may include FTA, and/or others as deemed appropriate by MDOT.

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



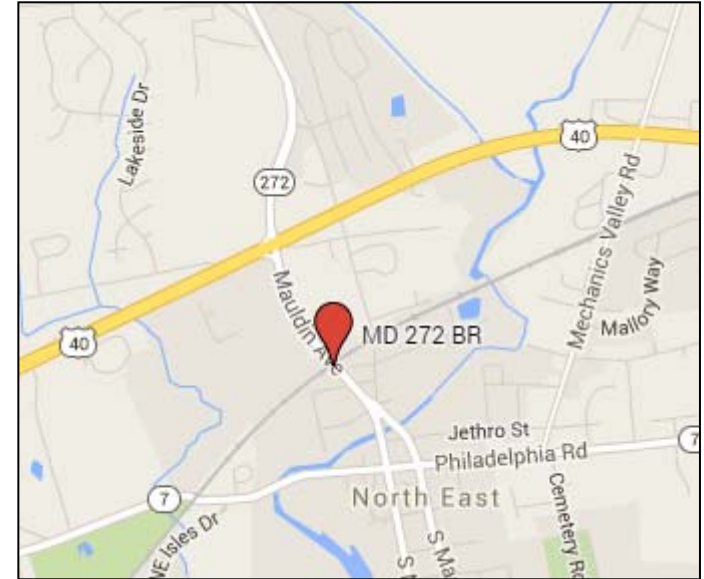
Phase All \$ x 1,000	Current Estimate	FY20 State	FY20 Fed	FY20 Other	FY21 State	FY21 Fed	FY21 Other	FY22 State	FY22 Fed	FY22 Other	FY23 State	FY23 Fed	FY23 Other	TOTAL FY 20-
Transportation Alternatives Program - Cecil County		10	40		10	40		10	40		10	40		200
		10	40		10	40		10	40		10	40		200

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

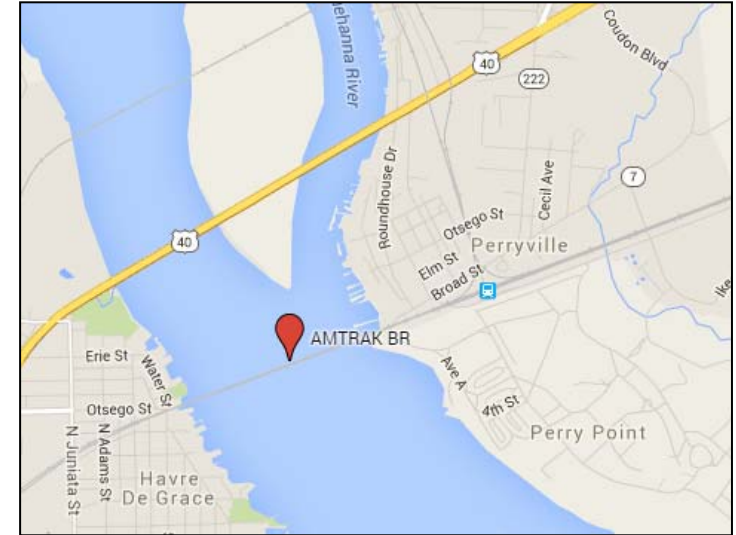


Phase (All \$ x 1,000)	Current Estimate	FY20 State	FY20 Fed	FY20 Other	FY21 State	FY21 Fed	FY21 Other	FY22 State	FY22 Fed	FY22 Other	FY23 State	FY23 Fed	FY23 Other	TOTAL FY 20-23
Planning														
Engineering														
ROW														
Construction	20,286	355	2768		72	602								3797
Total	20,286	355	2768		72	602								3797

Federal STBG funding

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	FY20 State	FY20 Fed	FY20 Other	FY21 State	FY21 Fed	FY21 Other	FY22 State	FY22 Fed	FY22 Other	FY23 State	FY23 Fed	FY23 Other	TOTAL FY 20-23
PE										500.0			500.0	1,000.0
										500.0			500.0	1,000.0

I-95 AT BELVIDERE ROAD TRANSPORTATION IMPROVEMENT STUDY

DESCRIPTION: Construct an interchange at I-95 John F. Kennedy Memorial Highway (JFK Highway) and Belvidere Road. The first phase of this project is conducting a study to obtain National Environmental Policy Act (NEPA) approval. The study will determine the potential environmental effects associated with the proposed interchange while maintaining the functionality of the regional and local transportation system.

JUSTIFICATION: The purpose of the Belvidere Road Transportation Improvement Study project is to facilitate ongoing and planned economic development in Cecil County’s Principio Enterprise Zone, and to safely and efficiently accommodate the projected transportation demand to and from I-95 and along the existing transportation network.

County: Cecil
Investment Area:
Municipality: N/A
Program Category: System Expansion
TIP/STIP Number:

Phase All \$ x 1,000	Current Estimate	FY20 State	FY20 Fed	FY20 Other	FY21 State	FY21 Fed	FY21 Other	FY22 State	FY22 Fed	FY22 Other	FY22 State	FY22 Fed	FY22 Other	FY 2019-22 TOTAL
Planning	300	125			100									225
Engineering	3,700				3,700									3,700
ROW	6,700			6,700										6,700
Construction	43,300				5,000	6,000		7,000	7,000	1,000				26,000
Total	54,000	125		5,600	8,800	6,000		7,000	7,000	1,000				36,625