

## The Baltimore Region's Annual Listing of Obligated Projects for FY 2022

The Baltimore Region Transportation Improvement Program (TIP) lists anticipated federal funding requests over the next four fiscal years. It is the Baltimore region's way of allocating its limited transportation resources among the various capital and operating needs of the region. Anticipated federal funding requests in the TIP can differ from funding that is actually obligated due to reasons like project delays. The Baltimore Region's, Annual Listing of Obligated Projects for FY 2022, is intended to improve the transparency of transportation spending decisions to the public by providing information about funds requested and obligated by either the Federal Highway Administration (FHWA) or Federal Transit Administration (FTA) toward a project included in the Baltimore Region's TIP. This annual listing contains only funded obligations and was compiled from data provided by the Maryland State Highway Administration (MDOT SHA) and the Maryland Transit Administration (MDOT MTA). It is consistent with the categories of projects that are listed in the TIP.

### Purpose of this Report

Fixing America's Surface Transportation Act or "FAST Act", signed into law by the President on December 4, 2015, states:

"An annual listing of projects, including investments in pedestrian walkways and bicycle transportation facilities, for which federal funds have been obligated in the preceding year shall be published or otherwise made available by the cooperative effort of the state, transit operator and metropolitan planning organization for public review. The listing shall be consistent with the categories identified in the TIP."<sup>1</sup>

This requirement was established in Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21), the surface transportation law preceding the FAST Act. Acting on MAP-21 provisions, the United States Department of Transportation (US DOT) on May 27, 2016, issued its Final Ruling in the Federal Register (FHWA (23 CFR Parts 450 and 771) and FTA (49 CFR Part 613)) on Statewide Transportation Planning / Metropolitan Transportation Planning. This ruling included Section 450.334, the Annual Listing of Obligated Projects requirement. The May 2016 Final Ruling will remain in effect until the US DOT issues new final regulatory guidance for the FAST Act.

This document lists all transportation projects in the Baltimore region that were obligated in state fiscal year 2022 for the period of July 1, 2021 - June 30, 2022. FHWA defines obligation as "[t]he federal government's legal commitment (promise) to pay or reimburse the states or other entities for the federal share of a project's eligible costs."<sup>2</sup> Thus, obligated projects are strategies or projects funded under Title 23 U.S.C. and Title 49 U.S.C. Chapter 53, for which the supporting federal funds were authorized and committed by the State or designated recipient and authorized by the FHWA or awarded as a grant by the FTA. Obligated projects in this list were not necessarily initiated or completed in federal fiscal year 2022 but received FHWA or FTA funds as listed in the report. The obligated project costs reflected in this report also may not be equal to final project costs, due to project cost savings, overruns, or the advanced construction finance process.

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1 Title 49 U.S.C., Section 5303 (j)(7)(B)

2 Financing Federal Aid Highways Glossary. <https://www.fhwa.dot.gov/policy/olsp/fundingfederalaid/a.cfm>, January, 2017.

## The Baltimore Region's Annual Listing of Obligated Projects for FY 2022

### Background

The [Baltimore Regional Transportation Board](#) (BRTB) is the Metropolitan Planning Organization (MPO) for the Baltimore region. As an MPO, the BRTB is directly responsible for making sure that any money to be spent on existing and future transportation projects and programs is based on a continuing, cooperative and comprehensive (3-C) planning process. All transportation projects and programs that receive federal funding in our region go through this planning process.

The mission of the BRTB is to provide regional transportation planning and policy making for the Baltimore region.

Specifically, the BRTB provides overall program management of the 2-year work program, the [Unified Planning Work Program](#). In addition, the BRTB provides policy direction and oversight in the development of a federally mandated [Long-Range Transportation Plan](#), the [Transportation Improvement Program](#) and the [transportation element of the State Air Quality Implementation Plan](#). The work program, the long-range transportation plan and the Transportation Improvement Program all require approval by the BRTB and were available for public review prior to adoption.

The BRTB is comprised of a [13-member](#) board representing the cities of Annapolis and Baltimore, the counties of Anne Arundel, Baltimore, Carroll, Harford, Howard, and Queen Anne's and the Maryland Department of Transportation, the Maryland Department of the Environment, the Maryland Department of Planning, the Maryland Transit Administration, and Annapolis Transit.

This report comprises a list of federally obligated projects that were included in the [2022 – 2025 Baltimore Region Transportation](#)

[Improvement Program](#) or in an earlier TIP. The TIP contains specific funding requests over a four-year period covering the current spending priorities for surface transportation projects and strategies from the long-range transportation plan. The TIP includes a description of federal requirements, a discussion of fund sources, a project listing for the coming year, and a description of all projects requesting federal funds over the next 4 years.

In the Baltimore region, the TIP includes all state and local projects that request federal dollars (those projects have a state or local dollar match) as well as regionally significant projects affecting air quality. This becomes part of the Maryland [Statewide Transportation Improvement Program](#) (STIP). The Maryland STIP reflects six years of projects and is fiscally constrained. All projects and funding details in the STIP have been approved by the Governor through the State's annual budget process. The STIP is comprised of three parts: the STIP Executive Summary, the Metropolitan Planning Organization Transportation Improvement Programs, and Highway Program Documentation.

**The Baltimore Region's Annual Listing of Obligated Projects for FY 2022**

<b>Baltimore Region Federal Aid Obligations for FY 2022</b>				
<b>Transit Projects</b>				
<b>TIP Project Title</b>	<b>TIP ID</b>	<b>MDOT MTA Grant #</b>	<b>Description</b>	<b>Obligated \$</b>
<b>FTA Funding Program: Urbanized Area Formula Program (5307) Capital</b>				
Small Urban Transit Systems – Capital Assistance	40-9502-05	MD-2020-010-01	Harford Co - Bus Replacement	\$944,348
		MD-2020-010-02	Harford Co - ADP Hardware	\$48,000
		MD-2020-010-03	Harford Co - Feasibility Study	\$120,000
		MD-2020-010-04	Harford Co - Preventive Maintenance	\$560,000
		MD 2021-006-03	Carroll Co	\$35,556
		MD-2021-011-02	Harford Co - Bus Replacement	\$695,952
Small Urban Transit Systems - Operating Assistance	40-0104-61	MD-2020-025-01	Operating Assistance	\$4,005,969
Kirk Bus Facility Replacement - Phase 1 & 2	40-1203-65	MD-2021-013-00	Kirk Phase II Ultimate	\$4,069,000
Bus and Rail Preventive Maintenance	40-1204-64	MD-2021-014-01	Bus Preventive Maintenance	\$35,476,401
Urban Transit Systems - Capital Assistance	40-1602-05	MD-2022-012-02	Bus Replacements - Harford County	\$380,448
		MD-2022-012-03	Preventive Maintenance - Harford County	\$680,000
Urban Transit Systems – Operating Assistance	40-1603-61	MD-2020-016-01	Baltimore Urbanized Area Operating Assistance	\$2,875,000
		MD-2022-002-01	Baltimore Urbanized Area Operating Assistance	\$77,655,530
		MD-2022-012-03	Operating Assistance - Harford County	\$2,113,842
Bus and Paratransit Vehicle Overhaul and Replacement	40-1802-05	MD-2021-013-03	Bus Hybrid Battery Replacement	\$2,400,000
		MD-2021-013-05	Mobility CAD/AVL System Replacement	\$2,225,753
Metro and Light Rail Rolling Stock Overhauls and Replacement	40-1804-63	MD-2021-013-02	Metro Fleet and Train Control Replacement	\$27,945,617

**The Baltimore Region's Annual Listing of Obligated Projects for FY 2022**

Metro and Light Rail System Preservation and Improvements	40-1805-64	MD-2021-004-01	Metro Train Control	\$13,730,000
		MD-2021-013-01	Metro Interlocking	\$13,900,000
		MD-2021-013-04	Light Rail North End 5KV Power System Replacement	\$2,190,970
		MD-2021-013-07	Metro Railcar Vehicle Subsystems Rebuild	\$5,455,703
		MD-2021-015-01	Metro Track Intrusion Detection and Alert System	\$675,000
<b>5307 Capital Subtotal</b>				<b>\$198,183,089</b>

<b>FTA Funding Program: Enhanced Mobility of Seniors &amp; Individuals with Disabilities (5310)</b>				
Building Blocks: Inclusive Transportation Planning Mobility Hubs	42-2101-64	MD-2021-003-01	Enhanced Mobility for All – Mobility Manager	\$40,000
Seniors and Individuals with Disabilities	40-1502-69	MD-2021-029-01	Enhanced Mobility for Seniors and Individuals with Disabilities Application	\$8,326,358
		MD-2021-029-01	Enhanced Mobility Application -- Rural Areas	\$2,773,036
		MD-2021-029-02	Enhanced Mobility Application -- Small Urban Areas	\$1,118,141
		MD-2021-029-03	Enhanced Mobility Application – Baltimore region	\$3,942,377
		MD-2021-029-04	Enhanced Mobility Application -- Harford	\$368,007
		MD-2022-014-01	ARPA - Small Urban Areas	\$170,121
		MD-2022-014-02	FFY21 ARPA - Rural	\$109,069
		MD-2022-014-03	FFY21 ARPA - Harford	\$33,186
		MD-2022-014-05	FFY21 ARPA - Baltimore	\$347,147
<b>5310 Capital Subtotal</b>				<b>\$17,227,442</b>

<b>FTA Funding Program: Formula Grants for Rural Areas (5311)</b>				
Rural Transit Systems - Operating Assistance	40-9204-61	MD-2020-024-02	Rural CARES Act Operating Assistance	\$7,137,494
		MD-2022-007-01	Rural CRRSAA Operating Assistance	\$9,105,457

**The Baltimore Region's Annual Listing of Obligated Projects for FY 2022**

		MD-2022-008-01	ARPA Inter City Operating Assistance (Bayrunner, Greyhound)	\$858,957
		MD-2022-008-02	Rural Transit Program - ARPA Operating Assistance	\$4,282,901
		MD-2022-008-04	Rural Transit Assistance Program	\$96,976
		MD-2022-013-01	FFY21 Rural Non-Urbanized Areas - Operating Assistance	\$3,358,368
		MD-2022-013-03	FFY20 Rural Transportation Assistance Program	\$180,560
		MD-2022-013-04	FFY20 Rural Transportation Assistance Program	\$158,616
<b>5311 Capital Subtotal</b>				<b>\$25,179,329</b>

<b>FTA Funding Program: Public Transportation Innovation (5312)</b>				
Light Rail LiDAR Track Survey Discretionary Grant	40-2102-64	MD-2021-010-01	Mobile LiDAR: Modernizing Condition Assessments Projects	\$150,000
<b>5312 Capital Subtotal</b>				<b>\$150,000</b>

<b>FTA Funding Program: State of Good Repair (5337)</b>				
Metro and Light Rail System Preservation and Improvement	40-1805-64	MD-2020-017-01	MARC BWI Station Improvements	\$5,434,000
		MD-2020-017-02	MARC III (63) Coaches Overhaul	\$12,933,000
		MD-2020-017-03	MARC Joint Benefit Projects – CSX	\$3,701,905
		MD-2020-017-04	PRIIA Rail Trackage Agreement Payments	\$18,963,000
		MD-2020-017-05	MARC Riverside Heavy Maintenance Building	\$2,404,000
		MD-2020-018-01	MARC Joint Benefit Projects – Amtrak	\$1,722,000
		MD-2020-018-02	MARC Joint Benefit Projects – CSX	\$4,299,100
		MD-2020-018-03	MARC Diesel Locomotive Procurement (8)	\$16,107,000
		MD-2020-018-04	PRIIA Rail Trackage Agreement Payments	\$16,809,000
		MD-2020-018-05	MARC Facility Improvement Program	\$3,236,738
		MD-2020-018-06	MARC Parking Lot Preservation	\$600,000

**The Baltimore Region's Annual Listing of Obligated Projects for FY 2022**

		MD-2020-018-07	MARC III (63) Coaches Overhaul	\$2,273,000
		MD-2021-008-01	MARC Riverside Heavy Maintenance Building	\$14,975,224
		MD-2021-008-02	MARC III (63) Coaches Overhaul	\$10,152,000
		MD-2021-008-03	PRIIA Rail Trackage Agreement Payments	\$14,897,533
		MD-2021-016-01	Rail Preventive Maintenance	\$22,360,433
<b>5337 Subtotal</b>				<b>\$150,867,933</b>

<b>FTA Funding Program: Bus and Bus Facilities Formula Program (5339)</b>				
Rural Transit Systems - Capital Assistance	40-9501-05	MD-2020-022-01	Anne Arundel Co – Medium Duty Bus Replacement	\$334,956
		MD-2020-022-02	City of Annapolis – Medium Duty Bus Replacement	\$618,286
		MD-2020-022-03	Baltimore Co – Small Bus Replacement	\$96,894
		MD-2020-022-07	Howard Co – Heavy Duty Bus Replacement	\$676,016
Small Urban Transit Systems – Capital Assistance	40-9502-05	MD-2020-009-01	Anne Arundel Co – Medium Bus and Radio Projects	\$316,000
		MD-2020-009-05	Howard Co – Heavy Duty Bus Replacement	\$504,000
		MD-2020-009-06	Queen Anne’s Co – Small Bus Replacement	\$113,856
		MD-2022-005-01	Anne Arundel Co – Small Cutaway Expansion Bus	\$470,552
		MD-2022-005-02	City of Annapolis – Heavy Duty Bus Replacement	\$760,772
		MD-2022-005-03	Baltimore Co – Small Bus Replacement	\$210,668
		MD-2022-005-07	Howard Co – Heavy Duty Bus Replacement	\$1,221,828
		MD-2022-005-08	Queen Anne’s Co – Small Bus Replacement	\$171,456
		MD-2020-022-08	Queen Anne’s Co – Small Bus Replacement	\$116,721
Kirk Bus Facility Replacement - Phase 2	40-1203-65	MD-2021-017-01	Bus Facility - Kirk Bus Division Modernization	\$5,138,804
Low or No Emission (Low-No) Bus Program	40-2105-05	MD-2021-020-01	Bus Facility - Delmarva Community Services	\$248,000
Towson Circulator	43-2101-67	MD-2022-004-01	Bus Facility - Baltimore County	\$1,651,720

**The Baltimore Region's Annual Listing of Obligated Projects for FY 2022**

<b>5339 Subtotal</b>	\$12,650,529
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<b>FTA Funding Program: Congestion Mitigation &amp; Air Quality Program (CMAQ)</b>				
Ridesharing - Baltimore Region	40-9901-01	MD-2021-005-01	Mobility Bus	\$5,486,000
		MD-2021-005-04	FY 2020 LOTS Ridesharing	\$1,550,000
		MD-2022-005-02	FY 2021 LOTS Ridesharing	\$1,550,000
Bus and Paratransit Vehicle Overhaul and Replacement	40-1802-05	MD-2022-010-01	Metro Fleet Replacement Program	\$7,578,000
		MD-2022-010-02	FY 2020 Bus Replacement	\$37,764,000
		MD-2022-010-03	40-ft Bus Replacement	\$35,672,000
<b>CMAQ Subtotal</b>				<b>\$89,600,000</b>

<b>Consolidated Rail Infrastructure and Safety Improvements (CRISI)</b>				
Consolidated Rail Infrastructure and Safety Improvements Grants	70-2101-54	MD 2021-006-03	Implementation of Positive Train Control	\$2,080,000
<b>CRISI Subtotal</b>				<b>\$2,080,000</b>

<b>Human Services Coordination Research (HSCR)</b>				
	40-2001-62	MD-2020-015-01	Enhancing Technology Resources for Increased Mobility Options	\$240,000
<b>HSCR Subtotal</b>				<b>\$240,000</b>

<b>Helping Obtain Prosperity for Everyone (HOPE)</b>				
	42-2101-64	MD-2020-015-01	Building Blocks: Inclusive Transportation Planning Project	\$225,000
<b>HOPE Subtotal</b>				<b>\$225,000</b>

The Baltimore Region’s Annual Listing of Obligated Projects for FY 2022

Surface Transportation Block Grant (STBG/STP)					
	12-2201-64	MD-2022-003-01	East-West Priority Corridor Design	\$1,000,000	
				<b>STP Subtotal</b>	\$1,000,000
				<b>Transit Total</b>	\$497,403,322



**The Baltimore Region's Annual Listing of Obligated Projects for FY 2022**

<b>Baltimore Region Federal Aid Obligations and De-Obligations for FY 2022</b>					
<b>State and Local Highway Projects</b>					
<b>Areawide Bridge Replacement and Rehabilitation (TIP ID 60-9310-13)</b>					
<b>Jurisdiction</b>	<b>Facility</b>	<b>Description</b>	<b>Phase</b>	<b>TIP Reference</b>	<b>Obligated \$</b>
Anne Arundel	I-695	2 bridges over MTA Light Rail, Holly Branch, and MD 170	Construction	60-9310-13	\$500,000.00
Baltimore Co	I-70	Rehabilitation of bridge over Ingleside Avenue	Construction	60-9310-13	\$304,103.00
Baltimore Co	I-70	Parapet rehabilitation of 2 bridges over Patapsco River and CSXT	Construction	60-9310-13	\$110,712.35
Baltimore Co	I-95	17 bridges on I-95 and Selford Road from I-695 to I-195	Construction	60-9310-13	\$1,200,000.00
Baltimore Co	US 1	Rehabilitation of bridge over Big Gunpowder Falls	Construction	60-9310-13	\$315,584.07
Baltimore Co	MD 7	Philadelphia Road Bridge over Little Gunpowder Falls	Construction	60-9310-13	\$646,519.00
Baltimore Co	MD 695	Rehabilitation of bridge on Cove Road over I-70	Construction	60-9310-13	\$2,604,515.14
Baltimore Co	MD 144	Westbound Frederick Road retaining wall between Dungarrie Road and Enjay Avenue	Construction	60-9310-13	\$81,000.00
Baltimore Co	MD 45	Rehabilitation of bridge on York Road over Little Falls	Construction	60-9310-13	\$1,176,000.00
Carroll	MD 26	2 Liberty Road Bridges over Liberty Reservoir	Construction	60-9310-13	\$200,000.00
Harford	MD 23	East West Highway structure over dry stream	Construction	60-9310-13	\$227,443.00
Harford	MD 24	Emmorton Road structure over Tributary to Deer Creek	Construction	60-9310-13	\$200,000.00
Harford	MD 161	Darlington Road Bridge over Deer Creek	Construction	60-9310-13	\$198,000.00
Howard	I-95	Deck replacement of 5 bridges on I-95	Construction	60-9310-13	\$500,000.00
<b>Areawide Bridge Replacement and Rehabilitation Total (Obligated and De-obligated):</b>					<b>\$8,263,876.56</b>

<b>Areawide Congestion Management (TIP ID 60-9504-04)</b>					
<b>Jurisdiction</b>	<b>Facility</b>	<b>Description</b>	<b>Phase</b>	<b>TIP Reference</b>	<b>De-Obligated \$</b>
		Mod/Install/Recon of traffic signals at various locations in District 4	Construction	60-9504-04	\$490,890.40
	US 1	Innovative Technology Deployment Corridor	Construction	60-9504-04	\$1,436,420.02
<b>Areawide Congestion Management Total (Obligated and De-obligated):</b>					<b>\$1,927,310.42</b>

**The Baltimore Region's Annual Listing of Obligated Projects for FY 2022**

<b>Areawide Environmental (TIP ID 60-9506-38)</b>					
<b>Jurisdiction</b>	<b>Facility</b>	<b>Description</b>	<b>Phase</b>	<b>TIP Reference</b>	<b>Obligated \$</b>
Anne Arundel	MD 450	Defense Highway from MD 424 to Crownsville Road	Construction	60-9506-38	\$165,337.22
Anne Arundel		Integrated Roadside Vegetation Management (IRVM) and Native Plant Establishment	Construction	60-9506-38	\$409,370.46
Anne Arundel		Total maximum daily load stormwater management retrofitting in Anne Arundel County	Construction	60-9506-38	\$438,871.12
Anne Arundel		Stream restoration of Tarmans Branch in Anne Arundel County	Construction	60-9506-38	\$1,500,000.00
Baltimore Co	I-695	I-695 at Cromwell Bridge Road	Construction	60-9506-38	\$18,970.48
Baltimore Co	MD 145, MD 165	Stream restoration of Little Gunpowder Falls tributary at MD 145 and MD 165	Construction	60-9506-38	\$1,075,200.09
		Tree planting at various locations in District 4 – Baltimore and Harford County	Construction	60-9506-38	\$2,249.15
Howard		Stream restoration on tributaries to Little Patuxent River	Construction	60-9506-38	\$1,500,000.00
Howard		Ten Oaks Road from Smallwood Court to Wye River Drive	Construction	60-9506-38	\$238,501.23
<b>Areawide Environmental Obligated Subtotal:</b>					<b>\$5,348,499.75</b>

<b>Jurisdiction</b>	<b>Facility</b>	<b>Description</b>	<b>Phase</b>	<b>TIP Reference</b>	<b>Obligated \$</b>
		Tree planting in various locations in Baltimore and Harford Counties	Construction	60-9506-38	(\$172,236.20)
<b>Areawide Environmental De-Obligated Subtotal:</b>					<b>(\$172,236.20)</b>
<b>Areawide Environmental Total (Obligated and De-Obligated):</b>					<b>\$5,520,735.95</b>

<b>Areawide Resurfacing and Rehabilitation (TIP ID 60-9501-11)</b>					
<b>Jurisdiction</b>	<b>Facility</b>	<b>Description</b>	<b>Phase</b>	<b>TIP Reference</b>	<b>Obligated \$</b>
Anne Arundel	MD 169	Hammonds Ferry Road to MD 648E	Construction	60-9501-11	\$210,518.67
Anne Arundel	I-97	Southbound from MD 3C to MD 3BU and northbound from MD 3BU to MD 174	Construction	60-9501-11	\$279,746.53
Anne Arundel		At various locations in northern Anne Arundel County	Construction	60-9501-11	\$1,457,893.41

**The Baltimore Region's Annual Listing of Obligated Projects for FY 2022**

Anne Arundel		Fine mill, patch, resurface, and roadways at various locations in northern Anne Arundel County	Construction	60-9501-11	\$8,647,670.96
Anne Arundel		Fine mill, patch, resurface, and roadways at various locations in southern Anne Arundel County	Construction	60-9501-11	\$3,500,000.00
Anne Arundel		Asphalt patching at bridge approaches at various locations in Anne Arundel County	Construction	60-9501-11	\$765,386.14
Baltimore Co	US 1	Belair Road from north of I-695 to Dunfield Road	Construction	60-9501-11	\$62,831.10
Baltimore Co	MD 140	36 Inch Water Main Transmission and Resurfacing from Pleasant Hill Road to 350ft North of Painters Mill Road	Construction	60-9501-11	\$587,395.09
Baltimore Co	MD 150	Eastern Avenue from Back River Bridge to Riverside Drive	Construction	60-9501-11	\$79,586.30
Baltimore Co	MD 542	Lock Raven Road from south of Taylor Avenue to Joppa Road	Construction	60-9501-11	\$241,875.00
Baltimore Co	MD 695A	Broening Highway from Maryland Avenue to East of Rails Avenue	Construction	60-9501-11	\$1,149,753.07
Baltimore Co	I-83	Mill and resurface east of I-83	Construction	60-9501-11	\$2,171,170.35
Baltimore Co	I-83	Mill and Resurface West of I-83	Construction	60-9501-11	\$2,338,336.00
Carroll	MD 851	Springfield Avenue from Main Street to Central Avenue	Construction	60-9501-11	\$350,000.00
Carroll		Mill, grind, patch, and resurface at various locations in Carroll County	Construction	60-9501-11	\$5,500,000.00
Harford	US 1	BU Belair Road from Moores Mill Road to the US 1 Bypass	Construction	60-9501-11	\$224,600.00
Harford	US 1	Mill and resurface west of US 1	Construction	60-9501-11	\$4,026,536.78
Harford	US 1	Mill and resurface east of US 1	Construction	60-9501-11	\$4,152,382.25
Harford	US 40	US 40 westbound Pulaski Highway from MD 152 to the Baltimore County line	Construction	60-9501-11	\$307,300.00
Howard		Mill/grind, patch, and resurfacing roadway pavements at various locations in Howard County	Construction	60-9501-11	\$2,470,676.18
Howard		Safety and resurface at various locations in Howard County	Construction	60-9501-11	\$5,000,000.00
Howard	MD 32	MD 32 from Guilford Road to Middle Patuxent River – safety and resurface	Construction	60-9501-11	\$87,463.83
Howard	MD 32	Patuxent Parkway at Dorsey Run Road Interchange	Construction	60-9501-11	\$197,345.04
Howard	MD 97	Hoods Mill Road – 2000 feet north of Old Frederick Road to Carroll County Line	Construction	60-9501-11	\$250,000.00

**The Baltimore Region's Annual Listing of Obligated Projects for FY 2022**

	MD 150	MD 150 Eastern Avenue from Back River Bridge to Riverside Drive	Construction	60-9501-11	\$6,775.22
		Areawide traffic barrier upgrades in District 4	Construction	60-9501-11	\$4,410,436.40
		Concrete sidewalk and pedestrian improvement at various locations in Baltimore and Harford counties	Construction	60-9501-11	\$200,000.00
		Line striping at various locations in Baltimore and Harford counties	Construction	60-9501-11	\$1,129,128.00
		Patching and resurfacing on various interstates in Baltimore and Harford counties	Construction	60-9501-11	\$2,907,078.04
		Patching and resurfacing on various NHS routes in Baltimore and Harford counties	Construction	60-9501-11	\$3,000,000.00
		Thermoplastic thin striping at various locations in Baltimore and Harford counties	Construction	60-9501-11	\$2,268,094.40
		OMT District 4 – Fund 77 pavement engineering and system preservation planning for FY 2022	Construction	60-9501-11	\$200,000.00
<b>Areawide Resurfacing and Rehabilitation Obligated Subtotal:</b>					<b>\$54,027,596.51</b>

<b>Jurisdiction</b>	<b>Facility</b>	<b>Description</b>	<b>Phase</b>	<b>TIP Reference</b>	<b>De-Obligated \$</b>
Anne Arundel		At various locations in southern Anne Arundel County	Construction	60-9501-11	(\$900,000.00)
Baltimore Co	I-70	I-70 from structure #13054 to the Baltimore County line	Construction	60-9501-11	(\$379,555.01)
Baltimore Co	I-83	Mill and Resurface west of I-83	Construction	60-9501-11	(\$2,172,677.08)
Harford	US 1	Fine mill, patch and resurface roadway pavements at various locations west of US 1	Construction	60-9501-11	(\$1,000,000.00)
Howard	MD 100	From structure 13144 to Anne Arundel County line	Construction	60-9501-11	(\$476,373.82)
<b>Areawide Resurfacing and Rehabilitation De-Obligated Subtotal:</b>					<b>(\$4,928,605.91)</b>
<b>Areawide Resurfacing and Rehabilitation Total (Obligated and De-Obligated):</b>					<b>\$49,098,990.60</b>

<b>Areawide Safety and Spot Improvements (TIP ID 60-9508-19)</b>					
<b>Jurisdiction</b>	<b>Facility</b>	<b>Description</b>	<b>Phase</b>	<b>TIP Reference</b>	<b>Obligated \$</b>
Anne Arundel	I-95	I-195 at MD 595 and MD 170 interchange lighting reconstruction	Construction	60-9508-19	\$62,350.86
Anne Arundel	MD 100	Guardrail installation on MD 100 from MD 174 to MD 10	Construction	60-9508-19	\$110,000.00

**The Baltimore Region's Annual Listing of Obligated Projects for FY 2022**

Anne Arundel	MD 174	Reece Road at Severn Road	Construction	60-9508-19	\$49,386.78
Baltimore Co	US 40	Baltimore National Pike at Rolling Road	Construction	60-9508-19	\$400,000.00
Baltimore Co	MD 26	MD 26 at Marriottsville Road	Construction	60-9508-19	\$325,000.00
Baltimore Co	MD 30	Hanover Pike at Bortner Road/Dover Road	Construction	60-9508-19	\$300,000.00
Baltimore Co	MD 30	MD 30 at Mt. Gilead Road	Construction	60-9508-19	\$500,000.00
Baltimore Co	MD 43	MD 43 at Honeygo Boulevard	Construction	60-9508-19	\$63,305.38
Baltimore Co	MD 139	Charles Street from Bellona Avenue (MD 143) to Baltimore City line	Construction	60-9508-19	\$280,006.00
Baltimore Co	MD 146	MD 146 (northbound) at MD 145 (eastbound) to provide additional through lanes	Right-of-Way	60-9508-19	\$265,210.11
Baltimore Co	MS 940	Owings Mills Boulevard at Red Run Boulevard	Construction	60-9508-19	\$475,000.00
Carroll	MD 27	Railroad Avenue at East Main Street railroad reconstruction	Construction	60-9508-19	\$40,614.00
Carroll	MD 31	New Windsor Road from Lambert Avenue to East of Church Street	Construction	60-9508-19	\$171,244.00
Carroll	MD 140	Baltimore Boulevard at MD 91 Emory Road	Construction	60-9508-19	\$499,534.50
Carroll	MD 140	MD 140 at Mayberry Road intersection improvements	Construction	60-9508-19	\$3,563,270.80
Harford	US 1	Conowingo Truck Weight and Inspection Station Facility	Construction	60-9508-19	\$908,360.75
Harford	MD 22	Resurfacing on MD 22 from Prospect Mill Road to MD 136	Construction	60-9508-19	\$76,601.57
Harford	MD 24	MD 24 at MD 755	Construction	60-9508-19	\$122,286.00
Howard	I-95	I-95 in Howard County	Construction	60-9508-19	\$60,000.00
Howard	US 1	Washington Boulevard at four locations between Prince George's County line and Doctor Patel Drive	Construction	60-9508-19	\$1,159,874.00
Howard	US 1	Washington Boulevard at Kit Kat Road	Construction	60-9508-19	\$25,023.99
Howard	US 1	Washington Boulevard from Crestmount Road to Cedar Avenue	Construction	60-9508-19	\$282,000.00
Howard	MD 103	Montgomery Road from US 29 to Long Gate Shopping Center entrance	Construction	60-9508-19	\$47,040.00
Howard	CO 271	Old Frederick Road CSX Railroad light signal reconstruction	Construction	60-9508-19	\$46,411.00
Howard		Reconstruct railroad crossing on Watersville Road	Construction	60-9508-19	\$46,089.00
		Traffic barrier upgrades at various locations in Baltimore and Harford Counties	Construction	60-9508-19	\$907,407.50

**The Baltimore Region's Annual Listing of Obligated Projects for FY 2022**

		Mod/install/recon of traffic signals at various locations in Baltimore and Harford Counties	Construction	60-9508-19	\$200,000.00
		Safety and operations improvements at various locations in Baltimore and Harford Counties	Construction	60-9508-19	\$1,993,850.00
<b>Areawide Safety and Spot Improvements Total (Obligated and De-Obligated):</b>					<b>\$12,979,866.24</b>

<b>Areawide Transportation Alternatives (TIP ID 60-9903-29)</b>					
<b>Jurisdiction</b>	<b>Facility</b>	<b>Description</b>	<b>Phase</b>	<b>TIP Reference</b>	<b>Obligated \$</b>
Anne Arundel		Broadneck Peninsula Trail Phase III	Construction	60-9903-29	\$2,756,909.46
Anne Arundel		WB&A Trail Pedestrian Bridge at Patuxent River	Construction	60-9903-29	\$1,708,403.22
Baltimore City		Inner Harbor East Improvements, Parcel D Phase III	Construction	60-9903-29	\$66,323.79
Carroll		Safe Routes To School Eldersburg Elementary on Johnsville Road	Construction	60-9903-29	\$213,445.00
Harford		Jean Roberts Park, City of Havre de Grave	Construction	60-9903-29	\$65,433.00
Harford		Ma & Pa Connector Trail Segment 2	Construction	60-9903-29	\$23,931.57
Howard		Patuxent Branch Trail paving	Preliminary Engineering	60-9903-29	\$513,845.68
<b>Areawide Transportation Alternatives Total Obligated Subtotal:</b>					<b>\$5,348,291.72</b>

<b>Jurisdiction</b>	<b>Facility</b>	<b>Description</b>	<b>Phase</b>	<b>TIP Reference</b>	<b>De-Obligated \$</b>
Carroll		Stormwater management retrofit at Elderwood SWM Basin Phase VI	Construction	60-9903-29	(205,675.40)
Harford		Ma & Pa Connector Trail Segment 2	Construction	60-9903-29	(\$56,837.82)
<b>Areawide Transportation Alternatives De-Obligated Subtotal:</b>					<b>(\$262,513.22)</b>
<b>Areawide Transportation Alternatives Total (Obligated and De-Obligated):</b>					<b>\$5,085,778.50</b>

<b>Individual MDOT SHA Projects</b>					
<b>Jurisdiction</b>	<b>Facility</b>	<b>Description</b>	<b>Phase</b>	<b>TIP Reference</b>	<b>Obligated \$</b>
Anne Arundel	MD 173	MD 173 bridge no. 0204600 over Rock Creek	Construction	60-2101-13	\$622,410.00

**The Baltimore Region's Annual Listing of Obligated Projects for FY 2022**

Anne Arundel	MD 175	Annapolis Road from west of Reece Road to east of Disney Road	Construction	61-1601-41	\$1,697,296.76
Baltimore Co	MD 151	Replacement of 3 bridges in the MD 151 (Sparrows Point Blvd) / MD 151B (Wharf Rd) Interchange	Construction	63-2001-13	\$10,000,000.00
Baltimore Co	I-695	Replacement of Bridge #03140 on I-695 over Milford Mill Road	Construction	**	\$336,177.15
Baltimore Co	I-695	CO 3482 (Putty Hill Avenue) bridge over I-695	Construction	63-2002-13	\$1,234,238.72
Baltimore Co	I-83	Replacement of dual bridges over Padonia Road and extension of box culvert carrying branch of Beaver Run	Construction	63-1701-13	\$1,241,782.60
Baltimore Co	US 1	Washington Boulevard bridge no. 0300800 over CSX Railroad	Construction	63-1704-13	\$8,467,433.60
Baltimore Co	US 40	2 Pulaski Highway dual steel beam bridges over Little Gunpowder Falls	Construction	63-1706-13	\$3,864,858.28
Baltimore Co	I-695	I-695 from I-70 to MD 43 Transportation Systems Management and Operations	Construction	63-1802-41	\$15,233,178.68
Harford	US 1	2 Belair Road bridges over Tollgate Road and over Winters Run	Construction	65-2101-13	\$1,203,575.00
Howard	MD 32	MD 32 (Patuxent Parkway) from Linden Church Road to I-70	Construction	66-1703-41	\$15,981,628.26
Howard	US 1	US 1 from Montgomery Road to Assateague Drive	Construction	**	\$450,000.00
<b>Individual MDOT SHA Projects Obligated Subtotal:</b>					<b>\$60,332,579.05</b>

<b>Jurisdiction</b>	<b>Facility</b>	<b>Description</b>	<b>Phase</b>	<b>TIP Reference</b>	<b>De-Obligated \$</b>
Harford	MD 755	MD 755 from Willoughby Beach Road to MARC Edgewood Station Improvements	Right-of-Way	**	(\$262,563.69)
Harford	MD 22, MD 462	MD 22 (Aberdeen Thruway) at MD 462 - BRAC Intersection at Aberdeen Proving Grounds	Right-of-Way	65-1403-12	(\$80,400.36)
<b>Individual MDOT SHA Projects De-Obligated Subtotal:</b>					<b>(\$342,964.05)</b>
<b>Individual MDOT SHA Projects Total (Obligated and De-Obligated):</b>					<b>\$59,989,615.00</b>

**The Baltimore Region's Annual Listing of Obligated Projects for FY 2022**

<b>Other Projects</b>					
<b>Jurisdiction</b>	<b>Facility</b>	<b>Description</b>	<b>Phase</b>	<b>TIP Reference</b>	<b>Obligated \$</b>
Anne Arundel		Replacement of Bridge on O'Conner Road over Deep Run	Construction	11-1403-13	\$618,254.70
Anne Arundel		Jacobs Road Bridge over Severn Run	Construction	11-2107-13	\$11,041.18
Baltimore City		National Summer Transportation Institute Program - Morgan State University	Construction	60-0702-99	\$25,000.00
Baltimore Co		Mohr's Lane over CSXT	Preliminary Engineering	13-0803-13	\$203,724.93
Carroll		Babylon Road over Silver Run	Preliminary Engineering	14-1601-13	\$34,692.70
Harford		Grier Nursery Road over Deer Creek	Preliminary Engineering	15-2001-13	\$99,080.70
Harford		Stafford Road over Deer Creek	Construction	15-1501-13	\$2,576,084.68
Queen Anne's		Nichols Manor Road over Cox Creek	Construction	**	\$56,176.77
<b>Other Projects Obligated Subtotal:</b>					<b>\$3,624,055.66</b>

<b>Jurisdiction</b>	<b>Facility</b>	<b>Description</b>	<b>Phase</b>	<b>TIP Reference</b>	<b>De-Obligated \$</b>
Carroll		Bixler Church Road over a Tributary to Big Pipe Creek	Construction	**	(\$39,069.42)
<b>Other Projects De-Obligated Subtotal:</b>					<b>(\$39,069.42)</b>
<b>Other Projects Total (Obligated and De-Obligated):</b>					<b>\$3,584,986.24</b>

<b>Baltimore City Projects</b>					
<b>Jurisdiction</b>	<b>Facility</b>	<b>Description</b>	<b>Phase</b>	<b>TIP Reference</b>	<b>Obligated \$</b>
Baltimore City		Harford Road over Herring Run	Construction	12-2005-13	\$1,901,044.35
Baltimore City		Traffic Safety Data Collection	Construction	**	\$31,035.00
Baltimore City		North Charles Street Reconstruction from 25th Street to University Parkway	Construction	**	\$878,650.24



**The Baltimore Region's Annual Listing of Obligated Projects for FY 2022**

Baltimore City		Belair Road Complete Streets Phase II - Belair and Erdman Avenue Node Improvements	Construction	12-1404-11	\$772,651.82
Baltimore City		Pennington Avenue from Birch Street to E. Ordinance Road	Construction	12-2013-11	\$544,531.42
Baltimore City		Patapsco Avenue from Magnolia Avenue to Potee Street	Construction	12-2012-11	\$481,560.47
Baltimore City		Central Avenue Streetscape and Harbor Point Connector Bridge (Design Build)	Construction	**	\$10,300,000.00
Baltimore City		Jones Falls Trail Phase 2 - Penn Station to the Inner Harbor	Construction	**	\$589,168.50
Baltimore City		Wilkens Avenue over Gwynns Falls	Preliminary Engineering	12-1403-13	\$67,936.45
Baltimore City		Greenmount Avenue Streetscape from 29th Street to 43rd Street	Construction	**	\$2,662,400.00
Baltimore City		Bridge replacement on Edmondson Avenue over Gwynns Falls and CSXT	Construction	**	\$2,147,209.42
<b>Baltimore City Projects Total (Obligated and De-Obligated):</b>					<b>\$17,713,787.67</b>

<b>Highway Obligated Total:</b>	<b>\$179,027,176.23</b>
<b>Highway De-Obligated Total:</b>	<b>(\$5,745,388.80)</b>
<b>Highway Grand Total (Obligated and De-Obligated):</b>	<b>\$173,281,787.43</b>

<b>Grand Total Obligated in FY 2018 (Highway and Transit):</b>	<b>\$640,140,369.43</b>
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\*These projects are either statewide or include counties or districts not in the Baltimore region.

\*\*A TIP ID could not be identified for these projects.

- District 2: Queen Anne's County
- District 4: Baltimore and Harford Counties
- District 5: Anne Arundel County
- District 7: Carroll and Howard Counties