Larry Hogan Governor Boyd K. Rutherford Lt. Governor James F. Ports, Jr. Secretary

September 2, 2022

Mr. Gregory Murrill
Division Administrator
Attn: Dr. Kwame Arhin
Federal Highway Administration
Maryland Division
George H. Fallon Federal Building
31 Hopkins Plaza, Suite 1520
Baltimore MD 21201

Ms. Terry Garcia Crews Regional Administrator Attn: Mr. Ryan Long Federal Transit Administration, Region III 1835 Market Street, Suite 1910 Philadelphia PA 19103-2968

Dear Mr. Murrill and Ms. Crews:

The Maryland Department of Transportation (MDOT) hereby amends the Fiscal Year (FY) 2022-2025 Maryland Statewide Transportation Improvement Program (STIP) to include the Baltimore Regional Transportation Board (BRTB) FY 2023-2026 Transportation Improvement Program (TIP) which was approved by the BRTB on August 23, 2022.

The Federal Transit Administration (FTA) and Federal Highway Administration (FHWA) coordinated the transportation air quality conformity determination submittal with the Environmental Protection Agency (EPA) and jointly approved the determination on August 29, 2022. The MDOT has assigned Control #22-41 for this amendment. The document can be accessed by the following link: https://www.baltometro.org/transportation/plans/short-range-transportation-improvement-program.

The Maryland Statewide Transportation Improvement Program continues to be fiscally constrained.

Mr. Gregory Murrill Ms. Terry Garcia Crews Page Two

Should you have additional questions or concerns, please contact Mr. Dan Janousek at 410-865-1098, toll free 888-713-1414 or via e-mail at djanousek@mdot.state.md.us, of course, feel free to contact me directly.

Sincerely,

Tyson Byrne

Regional Planning Manager,

Tyn Byn

Office of Planning and Capital Programming

Attachments

cc: Mr. Dan Janousek, Regional Planner, OPCP, MDOT

Anne Arundel County					
TIP ID	Page #	Project Title	Project Type	Total Amount Programmed 23-26	
11-1801-42	106	Hanover Road Corridor Improvement	New or extended roadways	\$11,600,000	
11-1103-13	108	Furnace Avenue Bridge over Deep Run	Bridge repair/deck replacement	\$1,422,000	
11-1208-13	110	Harwood Road Bridge over Stocketts Run	Bridge repair/deck replacement	\$3,133,000	
11-1402-13	112	Magothy Bridge Road Bridge over Magothy River	Bridge repair/deck replacement	\$5,268,000	
11-1403-13	114	O'Connor Road Bridge over Deep Run	Bridge repair/deck replacement	\$7,936,000	
11-1601-19	116	McKendree Road Culvert over Lyons Creek	Other	\$1,825,000	
11-1602-13	118	Polling House Road Bridge over Rock Branch	Bridge repair/deck replacement	\$1,375,000	
11-2105-13	120	Hanover Road Bridge over Deep Run	Bridge repair/deck replacement	\$1,368,000	
11-2106-13	122	Conway Road Bridge over Little Patuxent River	Bridge repair/deck replacement	\$1,875,000	
11-2107-13	124	Jacobs Road Bridge over Severn Run	Bridge repair/deck replacement	\$951,000	
11-2101-66	126	Parole Transportation Center	New Bus Facilities	\$16,087,000	
		Baltimore City	•		
TIP ID	Page #	Project Title	Project Type	Total Amount	
				Programmed 23-26	
12-2301-39	129	Northern Parkway at Falls Road Traffic Safety and Bike	Bicycle/pedestrian facility	\$5,000,000	
		Facility Improvements			
12-2303-25	131	Frederick Avenue ADA Upgrades (Brunswick to S. Pulaski)	Bicycle/pedestrian facility	\$800,000	
12-1218-07	133	Citywide Traffic Signals, Intelligent Transportation System and Safety Improvements	ITS	\$18,000,000	
12-1701-04	135	Transportation Management Center Upgrade	Traffic Engineering	\$12,500,000	
12-2102-03	137	Greenway Middle Branch Phase 2	Bicycle/pedestrian facility	\$1,907,000	
12-2304-07	139	Communication Upgrades - Wireless	ITS	\$1,250,000	
12-1215-13	141	Perring Parkway Ramp over Herring Run	Bridge repair/deck replacement	\$10,000,000	
12-1216-13	143	Sisson Street Bridge over CSX Railroad	Bridge repair/deck replacement	\$7,500,000	
12-1404-11	145	Belair Road Complete Streets	Road resurfacing/rehabilitation	\$8,300,000	
12-1601-13	147	Orleans Street Bridge over I-83 and City Streets	Bridge repair/deck replacement	\$6,140,000	
12-1602-13	149	Remington Avenue Bridge over Stony Run	Bridge repair/deck replacement	9,000,000	
12-1603-13	151	Radecke Avenue and Sinclair Lane over Moores Run	Bridge repair/deck replacement	\$9,500,000	
12-1604-13	153	I-83 Concrete Deck Mill and Resurface	Bridge repair/deck replacement	\$13,400,000	
12-1602-13	155	Moravia Road Ramp Bridge over Pulaski Highway	Bridge repair/deck replacement	\$1,200,000	

12-1801-13	157	Monroe Street Ramp over CSX and Russell Street over CSX	Bridge repair/deck replacement	\$29,400,000
12-2001-11	159	25th Street Rehabilitation from Greenmount Avenue to	Road resurfacing/rehabilitation	\$10,000,000
		Kirk Avenue		
12-2002-13	161	41st Street over I-83, MTA Light Rail Tracks, and Jones Falls Bridge repair/deck replacement		\$19,550,000
12-2003-19	163	Citywide Asset Management	Other	\$2,200,000
12-2005-13	165	Brehms Lane over Herring Run	Bridge repair/deck replacement	\$600,000
12-2007-11	167	Fremont Avenue Rehabilitation from Lafayette Avenue to	Road resurfacing/rehabilitation	\$7,000,000
		Presstman Street		
12-2008-13	169	Hanover Street Over CSX	Bridge repair/deck replacement	\$920,000
12-2009-13	171	Howard Street over I-83, CSX, Amtrak, and Jones Falls	Bridge repair/deck replacement	\$1,000,000
12-2010-11	173	Madison Street Rehabilitation from North Milton Avenue	Road resurfacing/rehabilitation	\$8,500,000
		to Edison Highway		
12-2011-11	175	Park Heights Avenue from West Rogers Avenue to	Road resurfacing/rehabilitation	\$14,450,000
		Strathmore Avenue		
12-2012-11	177	Patapsco Avenue from Magnolia Avenue to Patapsco River	Road resurfacing/rehabilitation	\$14,950,000
		Bridge		4
12-2013-11	179	Pennington Avenue Rehabilitation from Birch Street to	Road resurfacing/rehabilitation	\$8,000,000
10.0015.10	101	East Ordnance Road		4= 000 000
12-2015-13	181	Waterview Avenue over Ramp to 295	Bridge repair/deck replacement	\$5,980,000
12-2106-13	183	Harford Road Bridge Over CSX		\$12,500,000
12-2302-11	185	Russell Street Pavement Rehabilitation from Russell Street	Facility Rehabilitation	\$5,400,000
42 2204 64	407	Viaduct to City Line	Barrier	¢50,000,000
12-2201-64	187	RAISE Transit Priority Project	Preservation and Improvements	\$50,000,000
12-1901-99	189	Capital Project Delivery Services	Miscellaneous	\$800,000
TIP ID	Dogo #	Brainet Title	Duningt Trung	Total Amount
טואוו	Page #	Project Title	Project Type	Programmed 23-26
13-0001-13	191	Dogwood Road Bridge No. B-0072 Over Dogwood Run	Bridge repair/deck replacement	\$2,900,000
13-0803-13	193	Mohrs Lane Bridge No. B-0143 over CSX Railroad	Bridge repair/deck replacement	\$14,000,000
13-1012-13	195	Hammonds Ferry Road Bridge No. B-0100 over CSX	Bridge repair/deck replacement	\$5,800,000
12-1017-12	153	Railroad	bridge repair/deck replacement	\$3,600,000
13-1107- 13	197	Piney Grove Road Bridge No. B-0140 over CSX railroad	Bridge repair/deck replacement	\$1,000,000

13-1108-13	199	Peninsula Expressway Bridge No. B-0119 over CSX Railroad	Bridge repair/deck replacement	\$19,000,000
13-1208-13	201	Golden Ring Road Bridge No. B-0110 over Stemmers Run	Bridge repair/deck replacement	\$3,500,000
13-1701-13	203	Rossville Boulevard Bridge No. B-0132 over Amtrak & Orems Road	Bridge repair/deck replacement	\$5,600,000
13-8901-14	205	Bridge Inspection Program	Bridge inspections	\$6,300,000
		Carroll County		
TIP ID	Page #	Project Title	Project Type	Total Amount
				Programmed 23-26
14-1103-13	207	Stone Chapel Road Bridge over Little Pipe Creek	Bridge repair/deck replacement	\$890,000
14-1602-13	209	Gaither Road Bridge over South Branch Patapsco River	Bridge repair/deck replacement	\$464,000
14-1603-13	211	McKinstrys Mill Road Bridge over Sam's Creek	Bridge repair/deck replacement	\$915,000
14-1802-13	213	Hughes Shop Road Bridge over Bear Branch	Bridge repair/deck replacement	\$1,529,000
14-2101-13	215	Old Kays Mill Road Culvert over Beaver Run	Bridge repair/deck replacement	\$570,000
14-2102-13	217	Brown Road Culvert over Roaring Run	Bridge repair/deck replacement	\$530,000
14-2103-13	219	McKinstrys Mill Road over Little Pipe Creek	Bridge repair/deck replacement	\$479,000
14-2201-13	221	Patapsco Road Bridge over East Branch Patapsco River	Bridge repair/deck replacement	\$1,869,000
14-2202-13	223	Upper Beckleysville Road Bridge over Murphy Run	Bridge repair/deck replacement	\$1,485,000
14-9401-14	225	Bridge Inspection Program	Bridge inspections	\$1,390,000
		Harford County		
TIP ID	Page #	Project Title	Project Type	Total Amount
				Programmed 23-26
15-1001-13	227	Abingdon Road Bridge #169 over CSX Railroad	Bridge repair/deck replacement	\$8,250,000
15-1601-13	229	Glenville Road Bridge #30 over Mill Brook	Bridge repair/deck replacement	\$1,650,000
15-2001-13	231	Grier Nursery Road Bridge #43 over Deer Creek	Bridge repair/deck replacement	\$4,600,000
15-2002-13	233	Hookers Mill Road Bridge #13 over Bynum Run	Bridge repair/deck replacement	\$2,650,000
15-2101-13	235	Madonna Road Bridge #113 over Deer Creek	Bridge repair/deck replacement	\$2,650,000
15-2102-13	237	St. Clair Bridge Road Bridge #100 over Deer Creek	Bridge repair/deck replacement	\$800,000
15-2103-13	239	Stafford Road Bridge #162 over Buck Branch	Bridge repair/deck replacement	\$825,000
15-2104-13	241	Trappe Church Road Bridge #161 over Hollands Branch	Bridge repair/deck replacement	\$1,550,000
15-2201-13	243	Moores Road Bridge #78 over a tributary to Gunpowder	Bridge repair/deck replacement	\$850,000
		Falls		
15-2202-13	245	Hess Road Bridge #81 over Yellow Branch	Bridge repair/deck replacement	\$500,000
15-9411-14	247	Bridge Inspection Program	Bridge inspections	\$3,600,000

		Howard		
TIP ID	Page #	Project Title	Project Type	Total Amount Programmed 23-26
16-1410-41	249	Snowden River Parkway: Broken Land Parkway to Oakland Mills Road	Roadway Widening	\$18,011,000
16-1901-42	251	US 29/Broken Land Parkway Interchange and North South Connector Road	New or Extended Roadways	\$3,000,000
16-0436-13	253	Bridge Repair and Deck Replacement	Bridge repair/deck replacement	426,951,000
16-2201-13	255	Replacement of Bridge No. HO-040 on Union Chapel Road over Cattail Creek	Bridge repair/deck replacement	\$2,900,000
		Maryland Transportation Auth	ority	
TIP ID	Page #	Project Title	Project Type	Total Amount Programmed 23-26
22-1901-45	257	I-95 Fort McHenry Tunnel: Port Covington Access	Interchange ramp added or widened	\$5,500,000
22-2201-19	259	I-895/Baltimore Harbor Tunnel Toll Plaza and Interchange Improvements	Other	\$56,029,000
25-1801-41	261	I-95 Express Toll Lanes Northbound Extension	Roadway widening	\$629,498,000
25-2101-41	263	I-95 Southbound Part-Time Shoulder Usage	Roadway widening	\$22,863,000
		Maryland Port Administration	on	
TIP ID	Page #	Project Title	Project Type	Total Amount Programmed 23-26
30-2101-82	265	Dundalk Marine Terminal Resiliency and Flood Mitigation Improvements	Facility rehabilitation	\$38,200,000
30-2301-83	267	Port of Baltimore Rail Capacity Modernization Project	Facility expansion	422,370,000
32-2101-83	269	Howard Street Tunnel	Facility expansion	\$388,875,000
		MDOT MTA - Transit		
TIP ID	Page #	Project Title	Project Type	Total Amount Programmed 23-26
40-1602-05	271	Urban Transit Systems - Capital Assistance	Fleet Improvement	\$3,405,000
40-1802-05	273	Bus and Paratransit Vehicle Overhaul and Replacement	Fleet improvement	\$126,206,929
40-9501-05	276	Rural Transit Systems - Capital Assistance	Fleet improvement	\$1,264,345
40-9502-05	278	Small Urban Transit Systems - Capital Assistance	Fleet improvement	\$1,945,000

40-9901-01	280	Ridesharing - Baltimore Region	Ridesharing	\$2,004,000
40-0104-61	282	Small Urban Transit Systems - Operating Assistance	Operating assistance	\$2,608,000
40-1203-65	284	Kirk Bus Facility Replacement - Phase 1 & 2	Rehabilitation of facilities	\$2,211,709
40-1204-64	286	Bus and Rail Preventive Maintenance	, ,	
40-1502-69	288	Seniors and Individuals with Disabilities	Other	\$195,519,510 \$9,360,000
40-1603-61	290	Urban Transit Systems - Operating Assistance	Operating assistance	\$16,912,000
40-1801-64	292	Agencywide System Preservation and Improvement	Preservation and improvements	\$35,694,213
40-1803-64	294	Bus System Preservation and Improvement	Preservation and improvements	\$5,277,684
40-1804-63	296	Metro and Light Rail Rolling Stock Overhauls and Replacement	Fleet Improvement	\$237,926,176
40-1805-64	299	Metro and Light Rail System Preservation and Improvement	Preservation and improvements	\$51,101,913
40-2301-65	301	Eastern Bus Facility	Rehabilitation of facilities	\$86,270,184
40-2302-63	303	Zero Emission Infrastructure and Rolling Stock	Rehabilitation of facilities	\$88,069,510
40-9204-61	306	Rural Transit Systems - Operating Assistance	Operating assistance	\$1,428,000
		MDOT MTA – Commuter	r Rail	•
TIP ID	Page #	Project Title	Project Type	Total Amount
				Programmed 23-26
70-1501-53	308	MARC Rolling Stock Overhauls and Replacement	Fleet Improvement	\$40,687,449
70-1502-54	311	MARC Improvements	Rehabilitation of facilities	\$77,840,585
70-1503-55	314	MAC Facilities	Other	\$69,421,267
	_	Office of the Secretar	ту	
TIP ID	Page #	Project Title	Project Type	Total Amount Programmed 23-26
90-1401-39	317	State Safety Oversight	Other	\$2,400,000
90-1901-99	319	Baltimore-Washington Superconducting Maglev	Miscellaneous	\$914,000
		(SCMAGLEV) Project		
		MDOT SHA - Regiona	al	
TIP ID	Page #	Project Title	Project Type	Total Amount
				Programmed 23-26
60-9903-29	321	Areawide Transportation Alternatives Projects	Other	\$29,600,000
60-9506-38	323	Areawide Environmental Projects	Environmental other	\$93,050,000
60-9504-04	326	Areawide Congestion Management	Traffic engineering	\$107,600,000

60-9310-13	329	Areawide Bridge Replacement And Rehabilitation	Bridge repair/deck replacement	\$244,100,000
60-9501-11	331	Areawide Resurfacing And Rehabilitation	Road resurfacing/rehabilitation	\$359,400,000
60-9508-19	334	Areawide Safety And Spot Improvements	Other	\$220,250,000
60-9511-19	338	Areawide Urban Reconstruction	Other	\$9,305,000
60-0702-99	341	Morgan State University Transportation Research Program	Miscellaneous	\$90,000
		MDOT SHA – Anne Arundel Co	unty	,
TIP ID	Page #	Project Title	Project Type	Total Amount
		·		Programmed 23-26
61-1701-41	343	MD 175: Sellner Road/Race Road to McCarron Court	Roadway widening	\$45,018,000
61-2301-41	346	MD 2: US 50 to Arnold Road	Roadway widening	\$595,000
61-2302-41	348	MD 3: Waugh Chapel Road/Riedel Road to MD32/I-97	Roadway widening	\$482,000
61-2303-41	350	MD 170: Norcross Lane to Wieker Road	Roadway widening	\$723,000
61-2304-41	352	MD 214: MD 468 to Camp Letts Road	Roadway widening	\$480,000
61-2101-13	354	MD 173: Bridge Replacement over Rock Creek	Bridge repair/deck replacement	\$350,000
		MDOT SHA – Baltimore Cour	nty	<u> </u>
TIP ID	Page #	Project Title	Project Type	Total Amount
				Programmed 23-26
63-1601-41	356	I-695: US 40 to MD 144	Roadway widening	\$15,426,000
63-1802-41	358	I-695: I-70 to MD 43	Roadway widening	\$141,316,000
63-1701-13	360	I-83: Bridge Replacement over Padonia Road	Bridge repair/deck replacement	\$141,000
63-704-13	362	US 1: Bridge Replacement over CSX	Bridge repair/deck replacement	\$2,549,000
63-1706-13	364	US 40: Bridge Replacements over Little & Big Gunpowder Falls	Bridge repair/deck replacement	\$154,000
63-001-13	366	MD 151/MD 151B: Bridge Replacements	Bridge repair/deck replacement	\$10,362,000
63-2002-13	368	I-695: Bridge Replacement on Putty Hill Avenue	Bridge repair/deck replacement	\$9,446,000
63-2201-12	370	I-695: Reconstruction of Interchange at I-70	Road Reconstruction	\$180,197,000
63-2202-13	373	I-95/I-695 Interchange Bridge Deck Replacement	Bridge repair/deck replacement	\$32,599,000
		MDOT SHA – Carroll Count		
TIP ID	Page #	Project Title	Project Type	Total Amount
				Programmed 23-26
64-2201-13	375	MD 91: Bridge Replacements over North Branch of Patapsco River and MD Midland Railroad	Bridge repair/deck replacement	\$11,064,000

		MDOT SHA – Harford Count	ty	
TIP ID	Page #	Project Title	Project Type	Total Amount
				Programmed 23-26
65-1601-12	378	MD 24: South of Stirrup Run Culvert to Deer Creek Bridge, Section G	Road Reconstruction	\$429,000
65-2101-13	380	US 1: Bridge Replacements at Tollgate Road and Winters Run	Bridge repair/deck replacement	\$14,661,000
		MDOT SHA – Howard Count	ty	
TIP ID	Page #	Project Title	Project Type	Total Amount
				Programmed 23-26
66-103-41	382	MD 32: Linden Church Road to I-70, Capacity & Safety Improvements	Roadway widening	\$2,521,000

BALTIMORE METROPOLITAN PLANNING ORGANIZATION

BALTIMORE REGIONAL TRANSPORTATION BOARD RESOLUTION #23-2

APPROVAL OF THE BALTIMORE REGION 2023-2026 TRANSPORTATION IMPROVEMENT PROGRAM AND THE ASSOCIATED CONFORMITY DETERMINATION OF THE 2023-2026 TIP AND MAXIMIZE2045

WHEREAS, the Baltimore Regional Transportation Board is the designated Metropolitan Planning Organization for the Baltimore region, encompassing the Baltimore Urbanized Area, and includes official representatives of the cities of Annapolis and Baltimore, the counties of Anne Arundel, Baltimore, Carroll, Harford, Howard, and Queen Anne's, as well as representatives of the Maryland Department of Transportation, the Maryland Department of the Environment, the Maryland Department of Planning, the Maryland Transit Administration, and Annapolis Transit; and

WHEREAS, the FY 2023-2026 Baltimore Region Transportation Improvement Program was prepared in response to the Infrastructure Investment and Jobs Act (IIJA), and meets all of the requirements of the May 2016 final rule governing the development of metropolitan plans and programs, and all projects and activities funded in the FY 2023-2026 TIP have been developed in relationship to the regionally adopted *Maximize2045*: A *Performance-Based Transportation Plan*; and

WHEREAS, the FY 2023-2026 Baltimore Region Transportation Improvement Program is a prioritized program of transportation projects which are financially constrained by year and includes a financial plan that demonstrates that projects can be implemented using available revenue sources; and

WHEREAS, the conformity analysis as reported in the "Conformity Determination of the FY 2023-2026 Transportation Improvement Program and *Maximize2045*," dated August 2022, provides the basis for a finding of conformity to the 8-hour ozone national ambient air quality standard (NAAQS) SIP for the Baltimore region, which includes meeting the 2012 Reasonable Further Progress motor vehicle emissions budgets, as determined adequate by U.S. EPA. This addresses three ozone NAAQS: 1997, 2008, and 2015. (Attachment 1: Tables 1 and 2); and

WHEREAS, a range of outreach strategies were employed to share information about the FY 2023-2026 Baltimore Region Transportation Improvement Program including a public review from June 29 to August 1, 2022. The public review included presentations to BRTB subcommittees and one virtual public meeting. The draft FY 2023-2026 TIP document was also supported by an online Storymap, dashboard, and interactive map. Some XX comments were submitted and considered by the BRTB; and

WHEREAS, the FY 2023-2026 Baltimore Region Transportation Improvement Program uses federal and matching funds as well as Toll Revenues (for project categories see Attachment 2).

NOW, THEREFORE, BE IT RESOLVED that the Baltimore Regional Transportation Board approves the FY 2023-2026 Baltimore Region Transportation Improvement Program.

I HEREBY CERTIFY that the Baltimore Regional Transportation Board, as the Metropolitan Planning Organization for the Baltimore region, approved the aforementioned resolution at its August 23, 2022 meeting.

Date
Sam Snead, Chair
Baltimore Regional Transportation Board

Table 1. VOC Emissions Test Results (average summer weekday, tons/day)

	2025	2035	2045
Total Emissions	15.74	9.94	9.05
Conformity Budget ¹	40.2	40.2	40.2
Conformity Result	Pass	Pass	Pass

¹ 2012, 8-hour ozone Reasonable Further Progress (RFP) SIP budget for the Baltimore region (motor vehicle emission budgets determined adequate by EPA on February 22, 2016)

Table 2. Weekday NOx Emissions Test Results (average summer weekday, tons/day)

	2025	2035	2045
Total Emissions	18.42	10.48	9.83
Conformity Budget ¹	93.5	93.5	93.5
Conformity Result	Pass	Pass	Pass

¹ 2012, 8-hour ozone Reasonable Further Progress (RFP) SIP budget for the Baltimore region (motor vehicle emission budgets determined adequate by EPA on February 22, 2016)

Overview of the 2023-2026 TIP

- 131 federally-funded and regionally significant projects
 - 7 are new projects
- \$4.25 billion in proposed federal, state, local, and toll funds
 - \$2.59 billion federal; \$1.66 billion state/local
 - highway, transit, bicycle and pedestrian projects
 - maintaining, operating and expanding the transportation system
- Projects support long-range transportation goals
 - for example: accessibility, safety, and prosperity
- Funding limited
 - Programmed funds cannot exceed what is reasonably expected to be available from local, state, and federal sources

2023 - 2026 TIP Project Categories

- 35.3 percent highway preservation
- 21.3 percent highway capacity
- 18.8 percent transit preservation
- 10.6 percent ports
- 6.5 percent emission reduction strategies
- 4.4 percent commuter rail preservation
- 2.4 percent environmental and/or safety
- 0.7 percent enhancement program
- 0.04 percent miscellaneous
- 0.0 percent transit capacity (no projects submitted in this timeframe)
- 0.0 percent commuter rail capacity (no projects submitted in this timeframe)