

Overview of the 2021-2024 Transportation Improvement Program

Resolution #21-3

August 4, 2020





Overview of the 2021-2024 TIP

- 140 federally-funded and regionally significant projects
 - 24 are new projects
- \$4.26 billion in proposed federal, state and local money
 - \$2.46 billion federal; \$1.8 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





2021-2024 TIP: Changes from Draft

- I-695 Bridge Replacement on Putty Hill Avenue:
 - Added \$2.352 million (\$2.235 million federal NHPP/\$117,000 state matching) to the engineering phase to address the relocation of existing utilities
 - Added \$2.061 million (\$1.649 million federal NHPP/\$412,000 state matching) to the construction phase for utility relocation
 - Total of \$4.413 million added to the TIP











- Largest sources of funding increase from the 2020-2023 TIP
 - Federal
 - MDOT MTA increase from \$772 million to \$902 million attributed primarily to playing catchup on grant execution
 - Maryland Ports Administration receipt of a ~\$125 million federal discretionary INFRA grant for the Howard Street Tunnel
 - State/Local
 - \$303 million in matching funds for the Howard Street Tunnel from CSX and the State
 - \$775 million in funds for MDTA's I-95 Northbound Extension project (\$556 million in 2020-2023 TIP)





















MD 175: National Business Parkway to McCarron Court \$53,856,000 4.1%

Breakdown of Highway Preservation Funds

MDOT SHA Areawide Safety and Spot accounts for \$188.8 million, or 91.3%, of "Other" type projects

\$458,434,000 42.4% Road resurfacing/rehabilitation \$405,348,000 37.4% Bridge repair/deck replacement \$206,724,000 19.1% Other





Breakdown of Transit Preservation Funds

Metro and Light Rail Rolling Stock Overhauls and Replacement \$285,915,000 42.6%

Bus and Rail Preventive Maintenance \$195,520,000 29.1%



Metro and Light Rail System Preservation and Improvement \$80,392,000 or 12.0%



Project Highlights

- Anne Arundel County: Multimodal Transportation Center in Parole
- Baltimore City: Bicycle and Pedestrian Improvements
- MTA: Towson Circulator
- Howard County: Marriottsville Road and I-70 Bridge Improvements
- MDOT SHA: I-695 from I-70 to MD 43
- Maryland Port Administration: Howard Street Tunnel
- MDTA: I-95 Access to Port Covington and I-95 Northbound Extension





2021-2024 TIP Public Involvement and MDOT MTA Program of Projects

FTA Fund Source	FY2021-FY2024 Federal	FY2021-FY2024 Matching	FY2021-FY2024 Total
5307C: Capital requests in urbanized areas including bus purchases, replacements, and preventive maintenance	\$415,628,000	\$103,909,000	\$519,537,000
53070: Operating assistance in urbanized areas	\$9,760,000	\$9,760,000	\$19,520,000
5310: Mobility of seniors and individuals with disabilities	\$6,740,000	\$2,620,000	\$9,360,000
53110: Operating assistance in nonurbanized areas	\$952,000	\$952,000	\$1,904,000
5337: State of Good Repair funds including preventive maintenance and MARC improvements	\$267,254,000	\$66,814,000	\$334,068,000
5339D: Bus and Bus Facilities Discretionary Grants (Towson Circulator)	\$1,652,000	\$413,000	\$2,065,000
5339F: Bus and Bus Facilities Formula funds	\$23,975,000	\$5,994,000	\$29,969,000
CMAQ: Congestion Mitigation and Air Quality	\$176,538,000	\$43,425,000	\$219,963,000
Totals	\$902,499,000	\$233,887,000	\$1,136,386,000



New Interactive Mapping Features

TIP 2021-2024 Public Comments Jarrettsville Filter list by map Lampstead Find address or place ∇ Elk Neck North East State Forent Elktor 0 . Carroll County: Shepherds Mill Road Bridge ... Westminster Havre de + Grace BelAir Carroll County: Stone Chapel Road Bridge o ... 0 . A Fallston Aberdeen Cockeysville 542 ft+ 264 ft Harford County: Trappe Church Road Bridg... 0 . Reisterstown Harford County: Stafford Road Bridge #162 ... 0 . winus Mills Mt Airy Pikesvil Harford County: Hookers Mill Road Bridge #... 0 . Middle River Harford County: Grier Nursery Road Bridge ... 0 . Damascus Harford County: Glenville Road Bridge #30 o... 0 . Queen Annea Chestertown Harford County: Stafford Road Bridge #24 o... 0 . Kingstown Germantown fer Burnie Olney oolesville 1 Gaithersburg Seneca Creek Burtonsville Click on a project point. Aspen Hill 2. To "Like" a project, click the heart button. cience Cente 3. To comment on a project, click the comment button. rling crofton Your name and contact information will be kept confidential.



Restor

Air Quality Conformity

- Ensures the Plan and TIP do not worsen air quality in the region, or delay the attainment of national ambient air quality standards (NAAQS).
- Requires transportation emissions to not exceed motor vehicle emission "budgets" in the state air quality implementation plan (SIP).
- Ties together transportation planning and air quality planning.







Air Quality Conformity

- Regional Emissions Analysis: Models transportation emissions of nitrogen oxides (NOx) and volatile organic compounds (VOC's) expected from onroad mobile vehicles, ie. cars, trucks, buses, motorcycles, in addition to idling trucks.
- Models emissions in particular "horizon" years assuming existing road and transit network, in addition to TIP and Plan projects.
- All modeled horizon years (2021, 2025, 2035, 2045) show emissions will be below SIP "budgets."





Conformity Process ICG Milestones

- Methodology Letter (Which pollutants, emissions model, model run years)
- Determine conformity exempt/non-exempt/regionally significant status (project-by-project)
- BMC and MDE run EPA-developed emissions model.
- Approve regional emissions analysis results for public review
- Draft document and results out for public review.
- ICG/TC recommend approval of conformity document





Public Comment Period

- Comment Period: June 16 through July 17, 2020
- Two virtual public meetings + MTA CAC Presentation + 5 BRTB Subcommittee Presentations
- Over 40 comments from nearly 30
 individuals and organizations
- Majority of comments supported modification of the TIP to:
 - (a) Reduce highway capacity expenditures
 - (b) Invest more in transit, particularly in transit capacity for transit-reliant populations
 - (c) Support local bicycle and pedestrian improvements



2021-2024 TIP

Overview

The Baltimore Regional Transportation Board (BRTB), as the metropolitan planning organization (MPO) for the Baltimore region, seeks public comments through Friday, July 17 on two transportation-related documents – the draft 2021-2024 Transportation Improvement Program (TIP) and the associated Air Quality Conformity Determination.

BALTIMORE METROPOLITA

New this year, is an <u>interactive TIP project map</u>, in which the public can view projects and offer comments.

Note, this story map and the interactive TIP project map is for visualization purposes. Detailed information about each project identified in the interactive TIP is online at <u>baltometro.org</u>.







For More Information

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