



Overview of the 2021-2024 Transportation Improvement Program

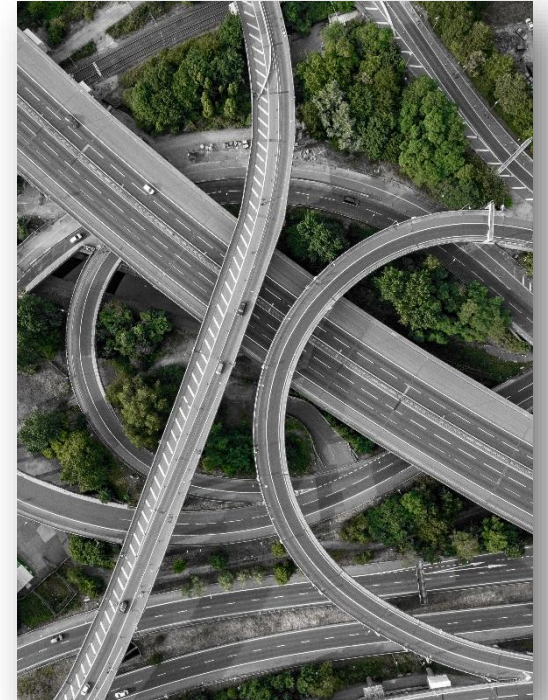
Resolution #21-3

August 25, 2020



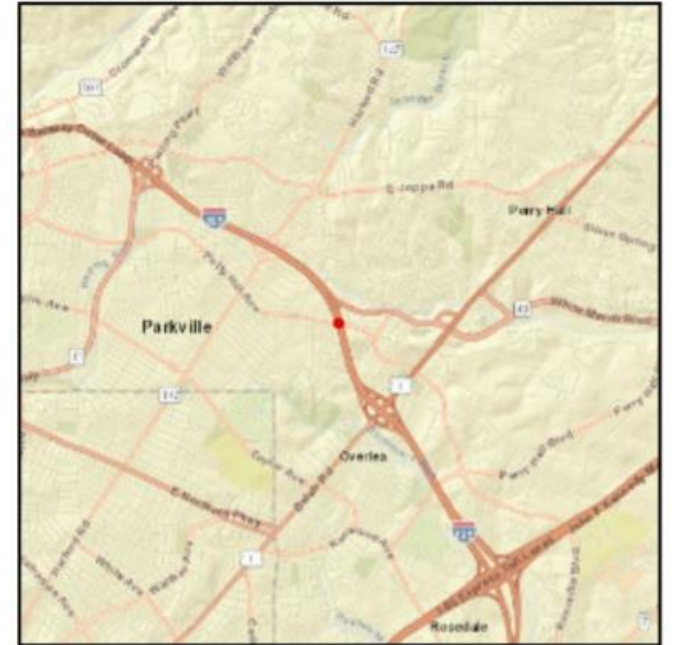
Overview of the 2021-2024 TIP

- **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

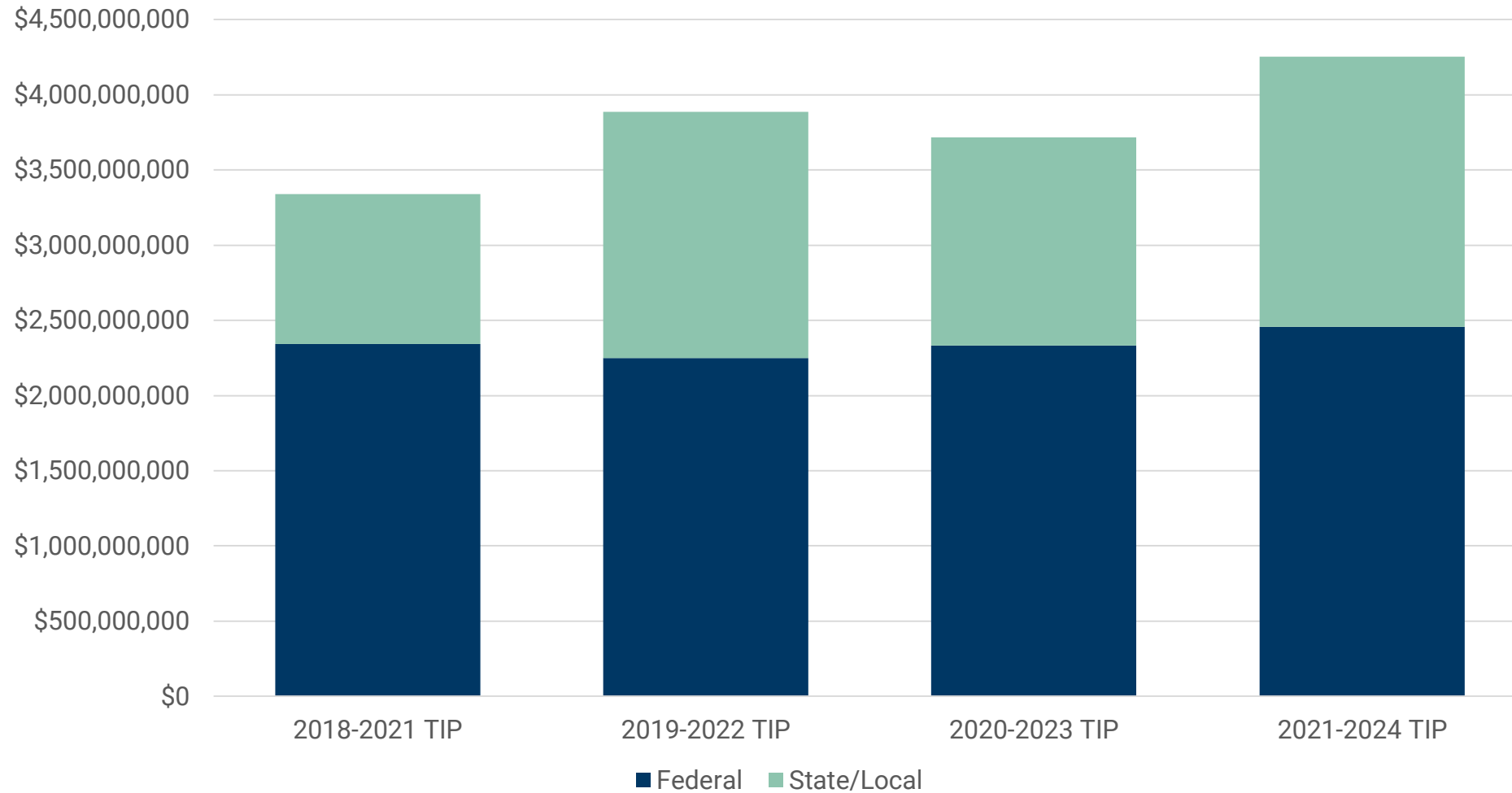


2021-2024 TIP: Changes from Draft

- **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

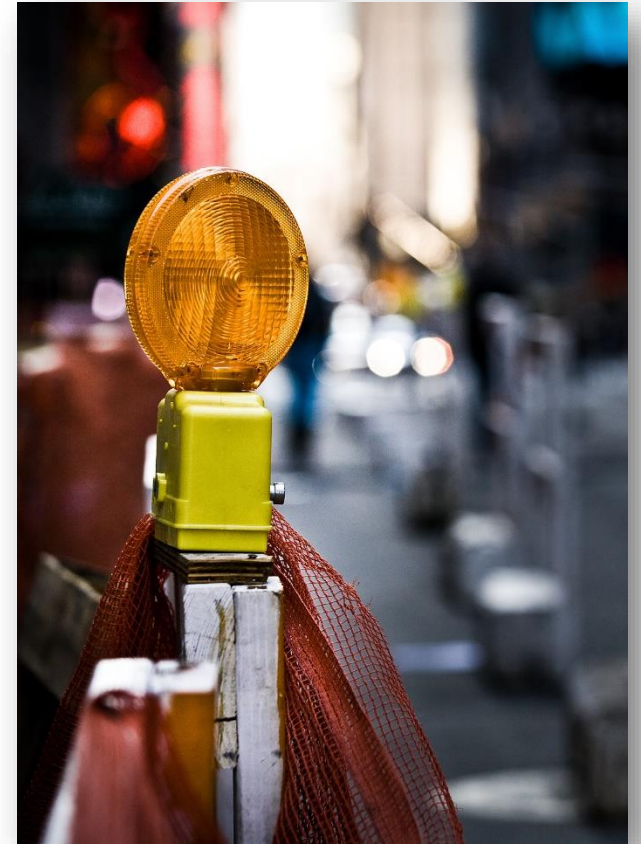


Funding in the 2021-2024 TIP



Funding in the 2021-2024 TIP

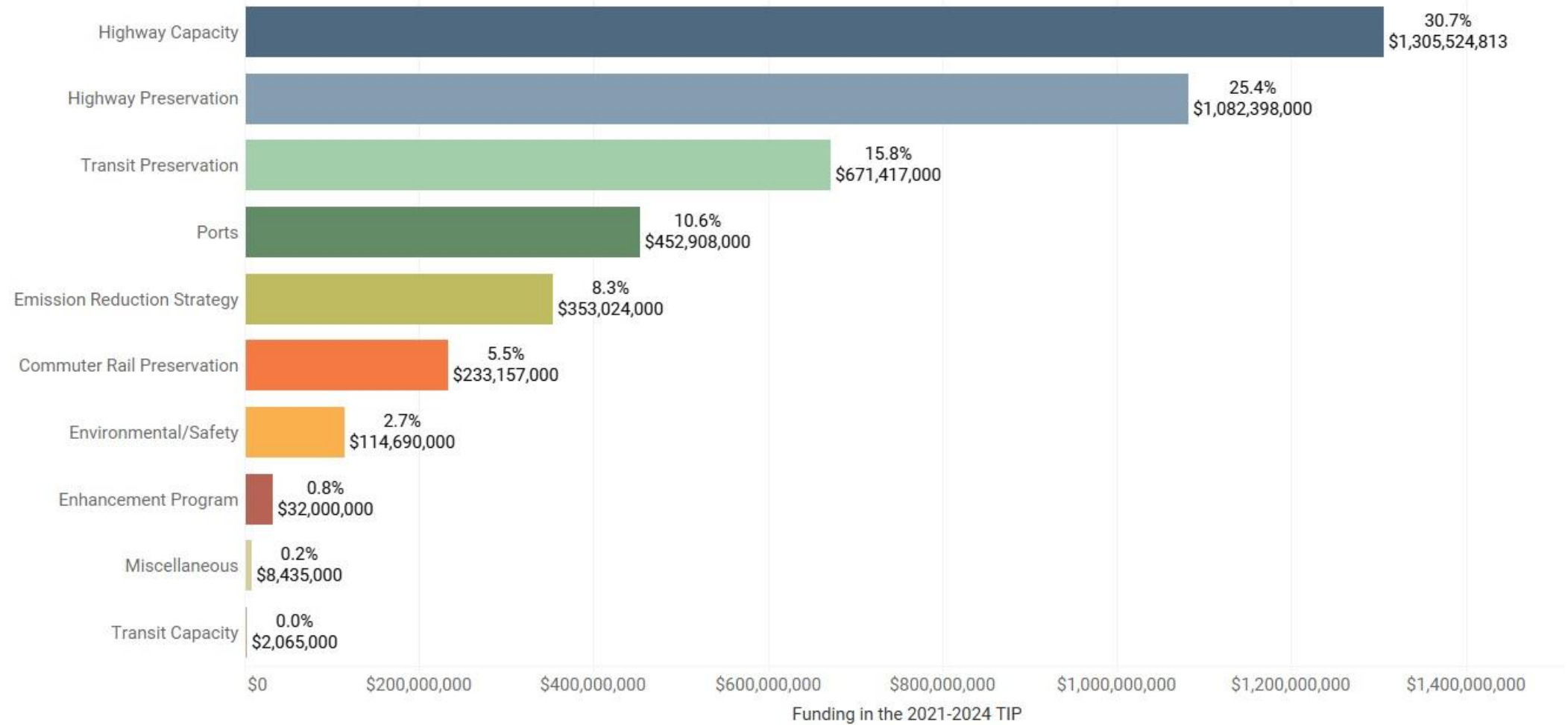
- Largest sources of funding increase from the 2020-2023 TIP
 - Federal
 - MDOT MTA increase from \$772M to \$902M attributed primarily to playing catchup on grant execution
 - Maryland Ports Administration receipt of a ~\$125M federal discretionary INFRA grant for the Howard Street Tunnel
 - State/Local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



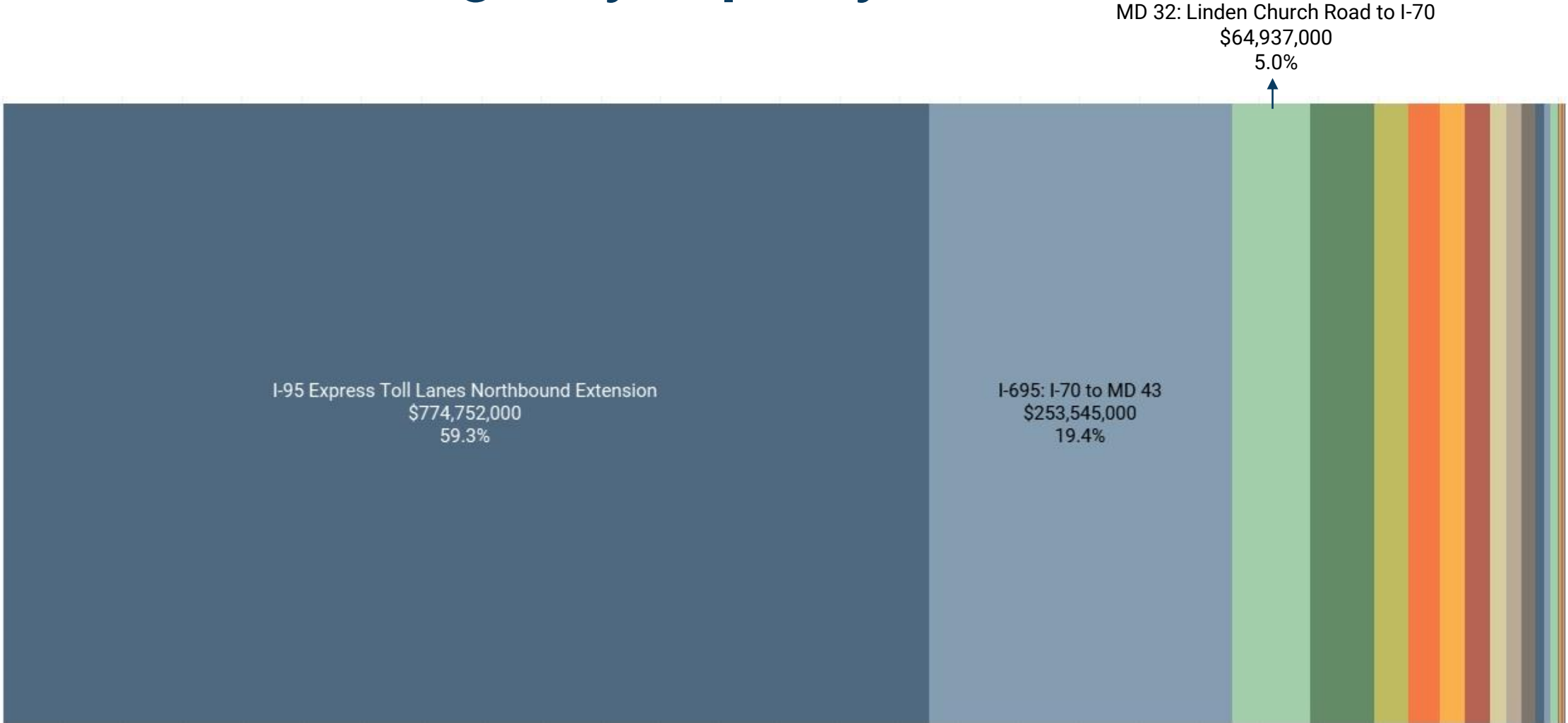
Funding in the 2021-2024 TIP



Funding in the 2021-2024 TIP



Breakdown of Highway Capacity Funds

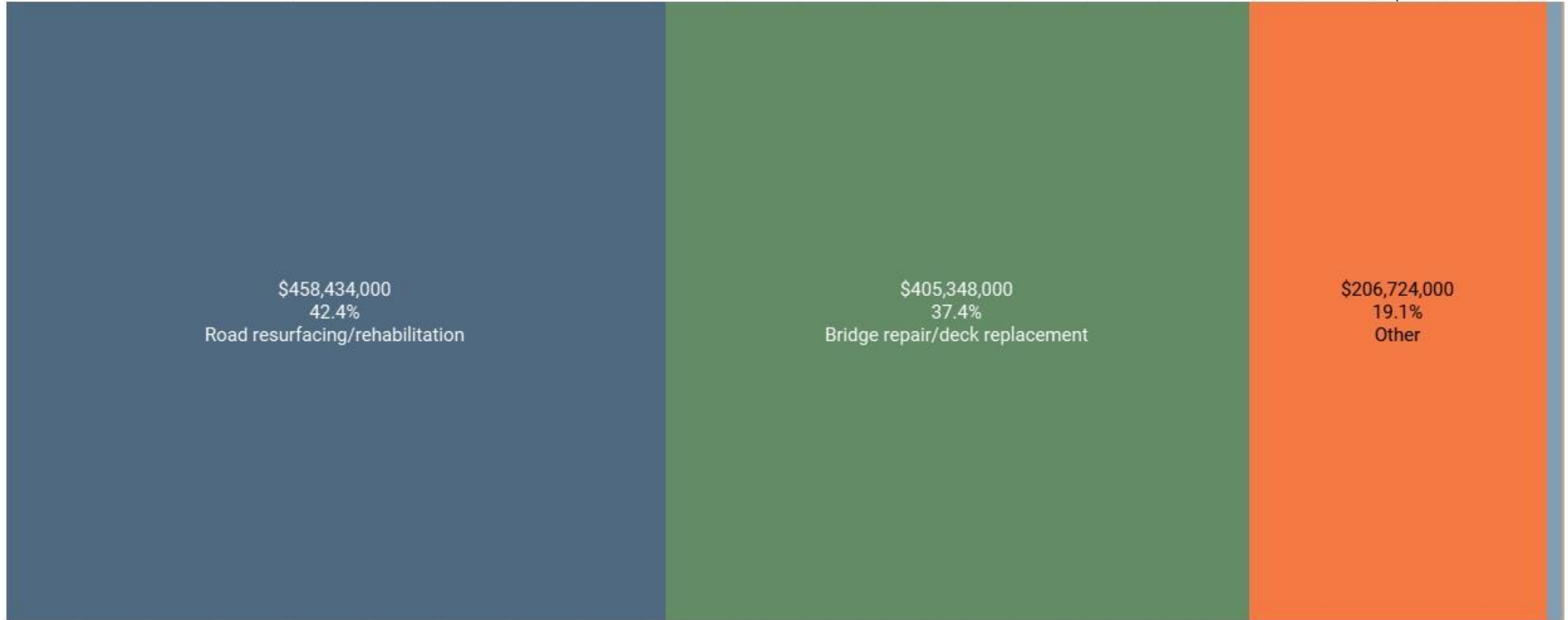


MD 175: National Business Parkway to McCarron Court
\$53,856,000
4.1%

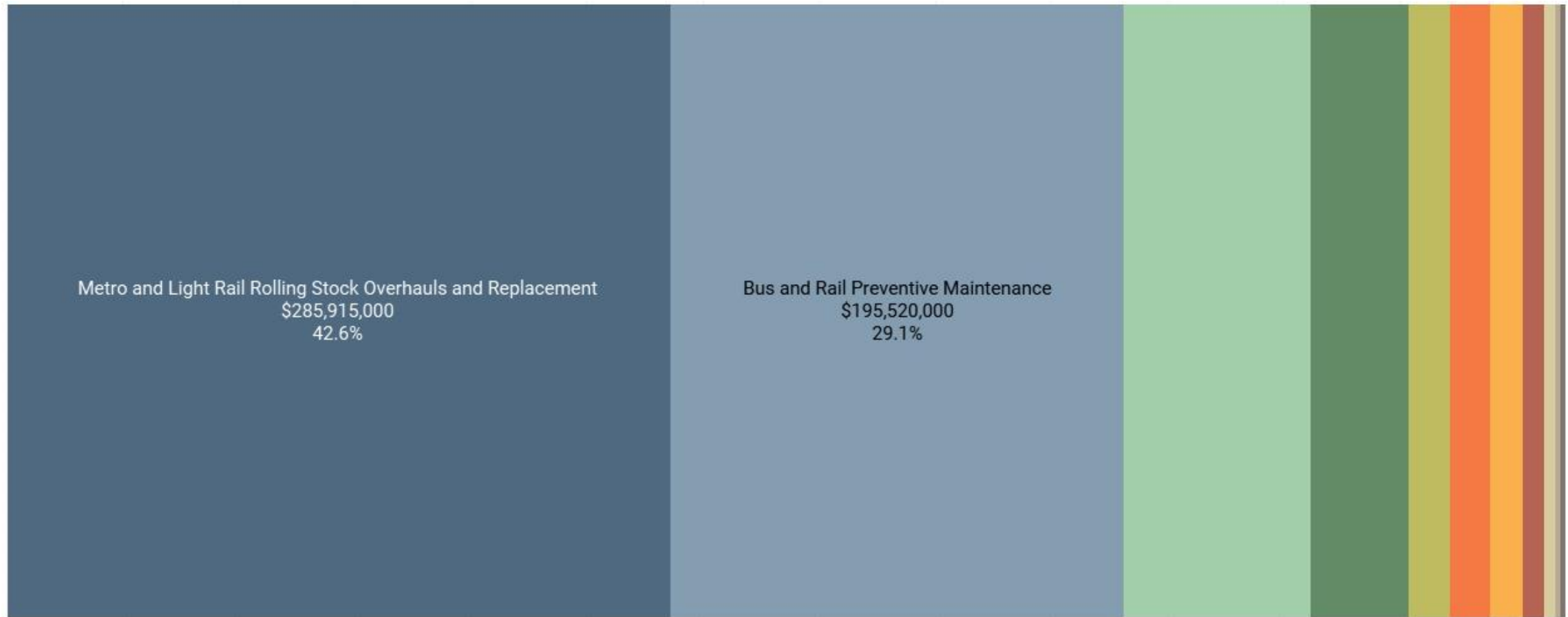


Breakdown of Highway Preservation Funds

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



Breakdown of Transit Preservation Funds



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
5307O: 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
5311O: 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

Find address or place

Filter list by map

Carroll County: Shepherds Mill Road Bridge ...	0
Carroll County: Stone Chapel Road Bridge o...	0
Harford County: Trappe Church Road Bridg...	0
Harford County: Stafford Road Bridge #162 ...	0
Harford County: Hookers Mill Road Bridge #...	0
Harford County: Grier Nursery Road Bridge ...	0
Harford County: Glenville Road Bridge #30 o...	0
Harford County: Stafford Road Bridge #24 o...	0

1. Click on a project point.
2. To "Like" a project, click the heart button.
3. To comment on a project, click the comment button.

Your name and contact information will be kept confidential.

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

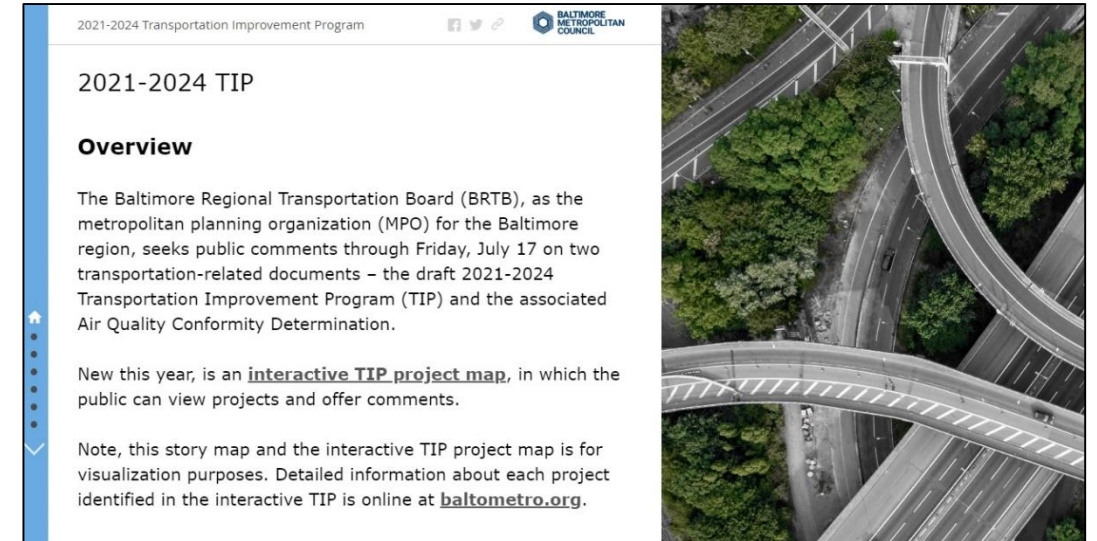
- **Regional Emissions Analysis: Models transportation emissions of nitrogen oxides (NOx) and volatile organic compounds (VOC's) expected from onroad mobile vehicles, ie. cars, trucks, buses, motorcycles, in addition to idling trucks.**
- **Models emissions in particular “horizon” years assuming existing 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



For More Information

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