



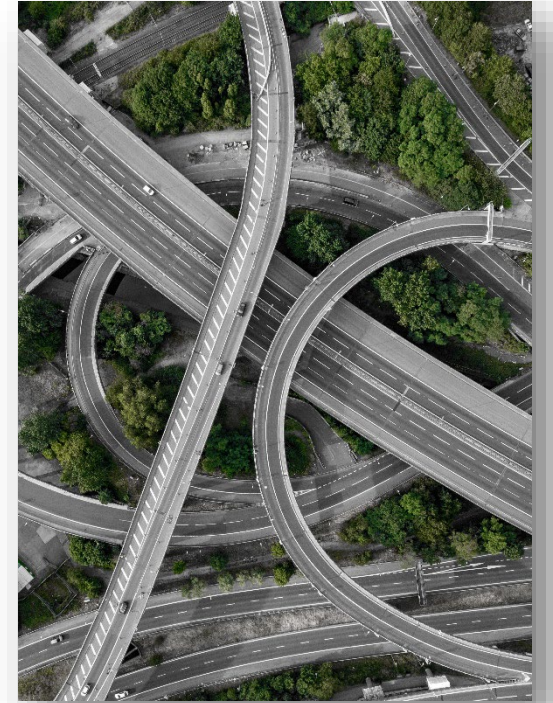
Overview of the Draft 2021-2024 Transportation Improvement Program

June 24, 2020



Overview of the Draft 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



Performance-Based Planning and Programming in the TIP

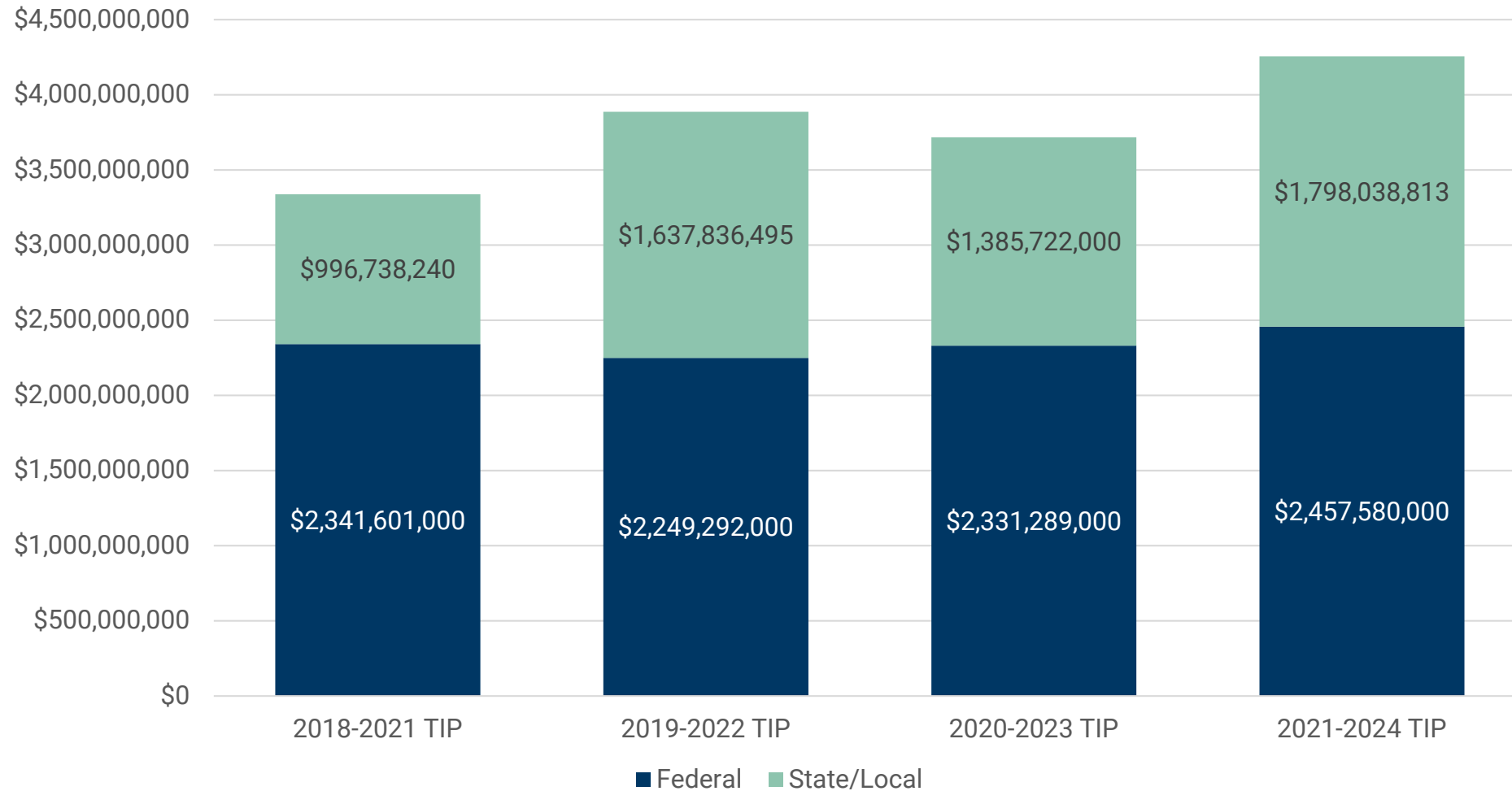
- Established in MAP-21; Strengthened in FAST Act
- Intent: Gauge progress relative to regionally established goals and strategies, guide future system preservation activities
- **Federal Requirements: MPOs must adopt a series of 25 performance measures and targets**
 - Measures and targets cover transit asset management, transit safety (BRTB adoption pending MDOT state targets), highway safety, traffic congestion, on-road mobile source emissions, pavement and bridge condition, and travel time reliability
 - Performance measure: Specific metrics the region can use to assess progress towards a goal (e.g. Decrease number of highway fatalities)
 - Performance target: Specific levels to be reached (e.g. Decrease highway fatalities to 121 by 2030)
 - BRTB coordinated with the state on target selection

Table 7. 2020-2023 TIP Projects Related to Transit Asset Management

Project	TAM Target	Federal	Matching	Total TIP Funds
MARC Rolling Stock Overhauls and Replacement	Vehicles	\$18,876	\$4,719	\$23,595
Bus and Paratransit Vehicle Overhaul and Replacement	Vehicles	\$174,141	\$43,537	\$217,678
Metro and Light Rail Rolling Stock Overhauls and Replacement	Vehicles	\$196,532	\$49,135	\$245,667



Funding in the Draft 2021-2024 TIP

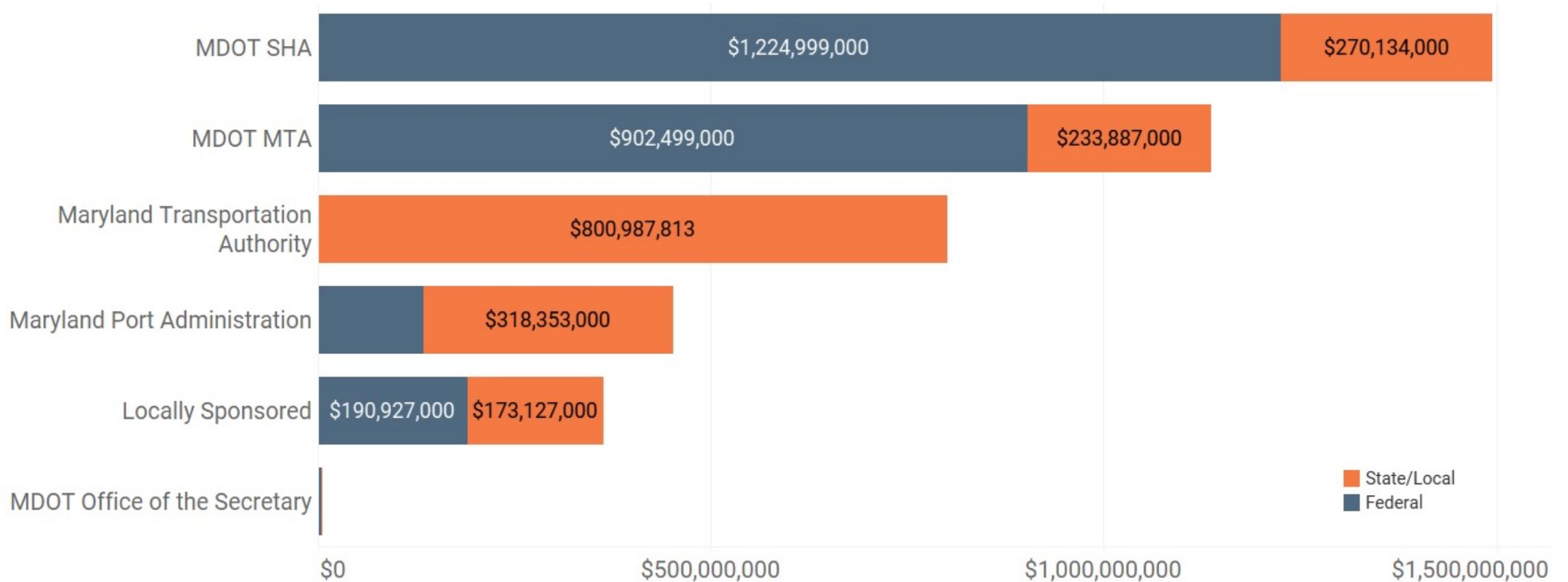


Funding in the Draft 2021-2024 TIP

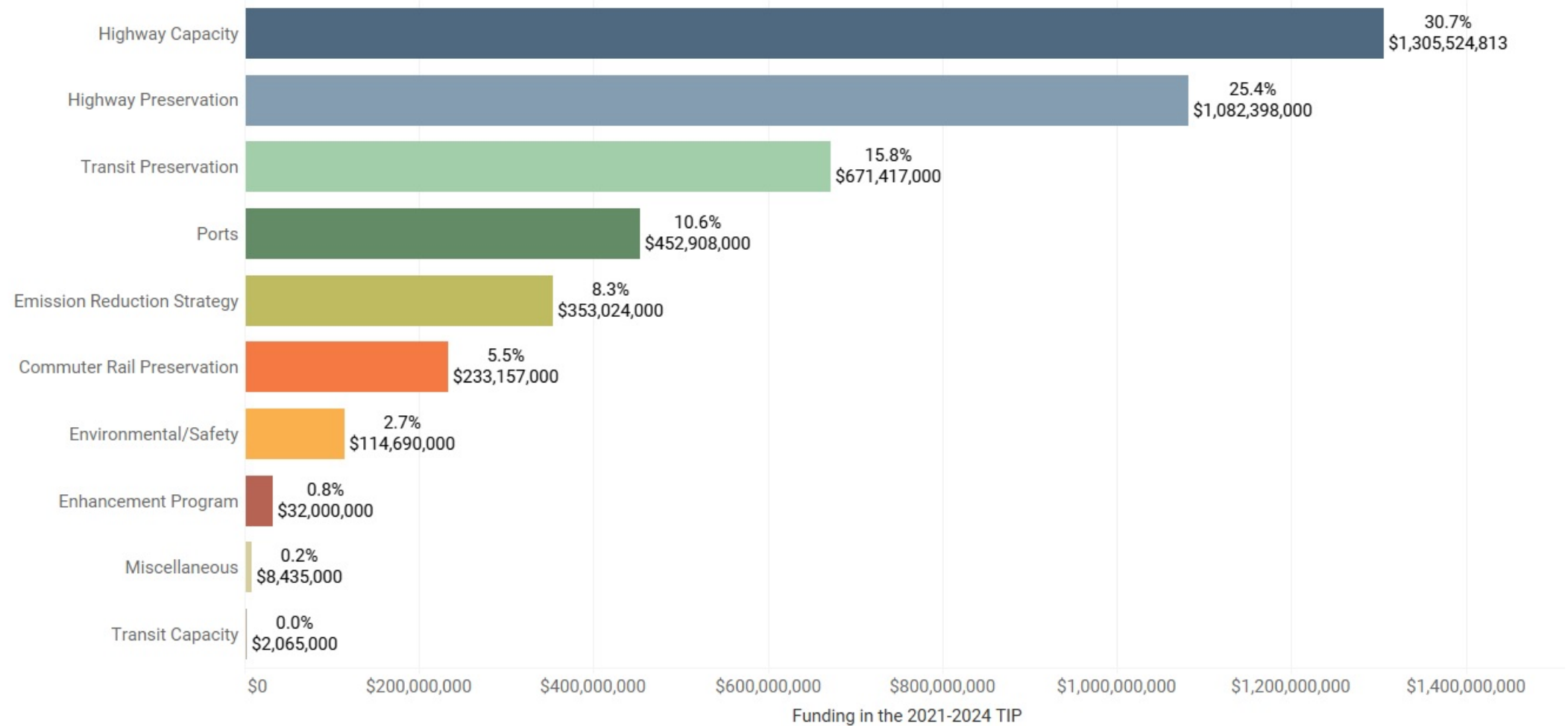
- **Largest sources of funding increase from the 2020-2023 TIP**
 - **Federal**
 - MDOT MTA increase from \$772 million to \$902 million attributed primarily to playing catchup on grant execution
 - Maryland Ports Administration receipt of a ~\$125 million federal discretionary INFRA grant for the Howard 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)



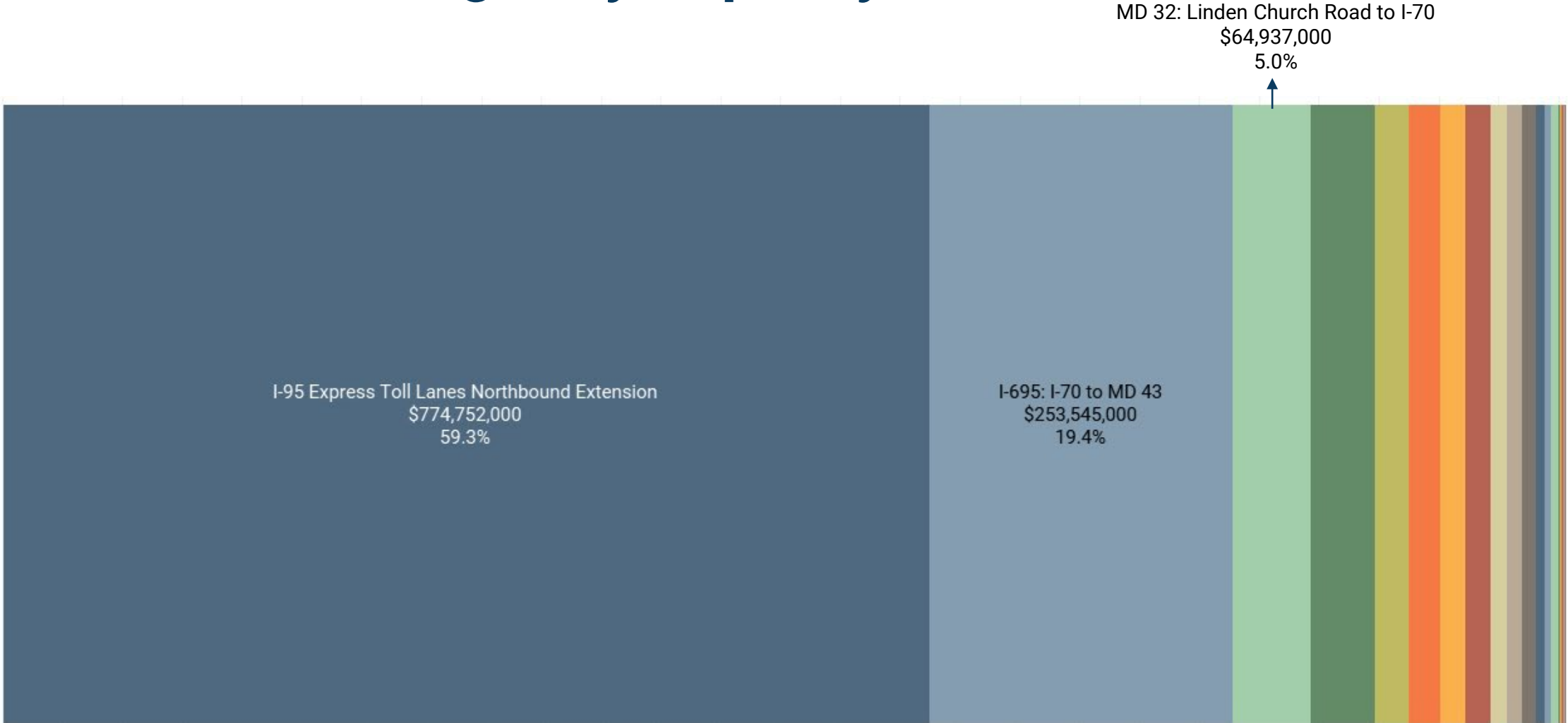
Funding in the Draft 2021-2024 TIP



Funding in the Draft 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

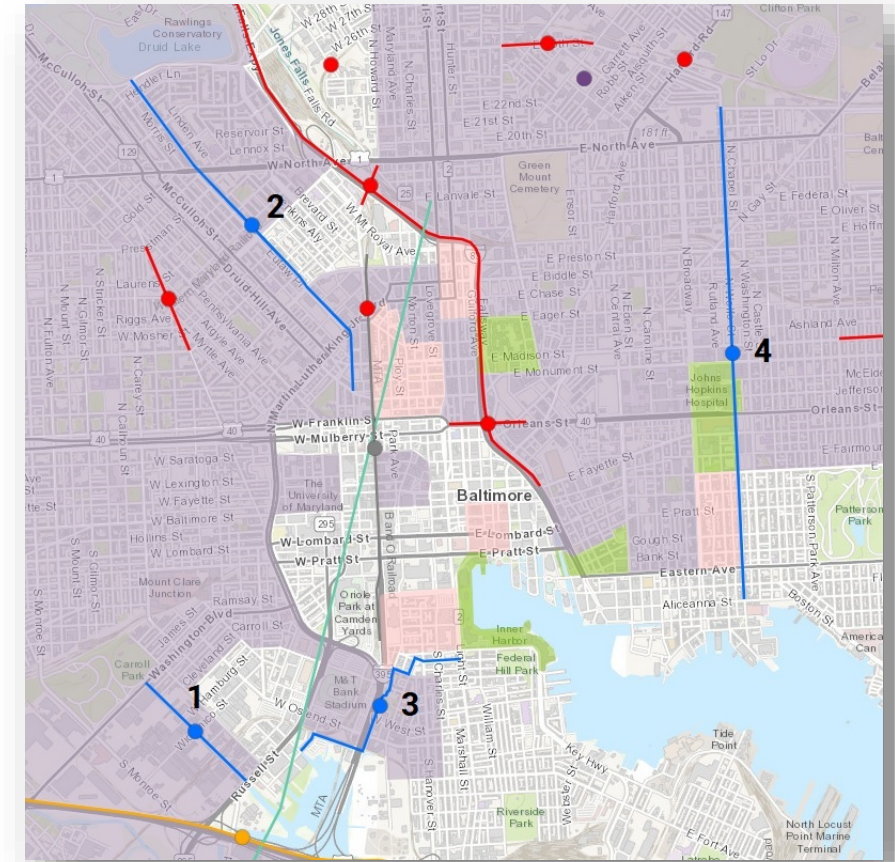
- **Anne Arundel County: Multi-modal Transportation Center in Parole**
 - Will serve existing local and regional bus service, with possible future connectivity to modes such as bikeshare, carshare, and ridehailing services
 - Two potential locations: Westfield Annapolis Mall or the Harry S. Truman Park-&-Ride
 - TIP Funding: \$14.175 million in local funds
 - Year of Operation: 2025



Project Highlights

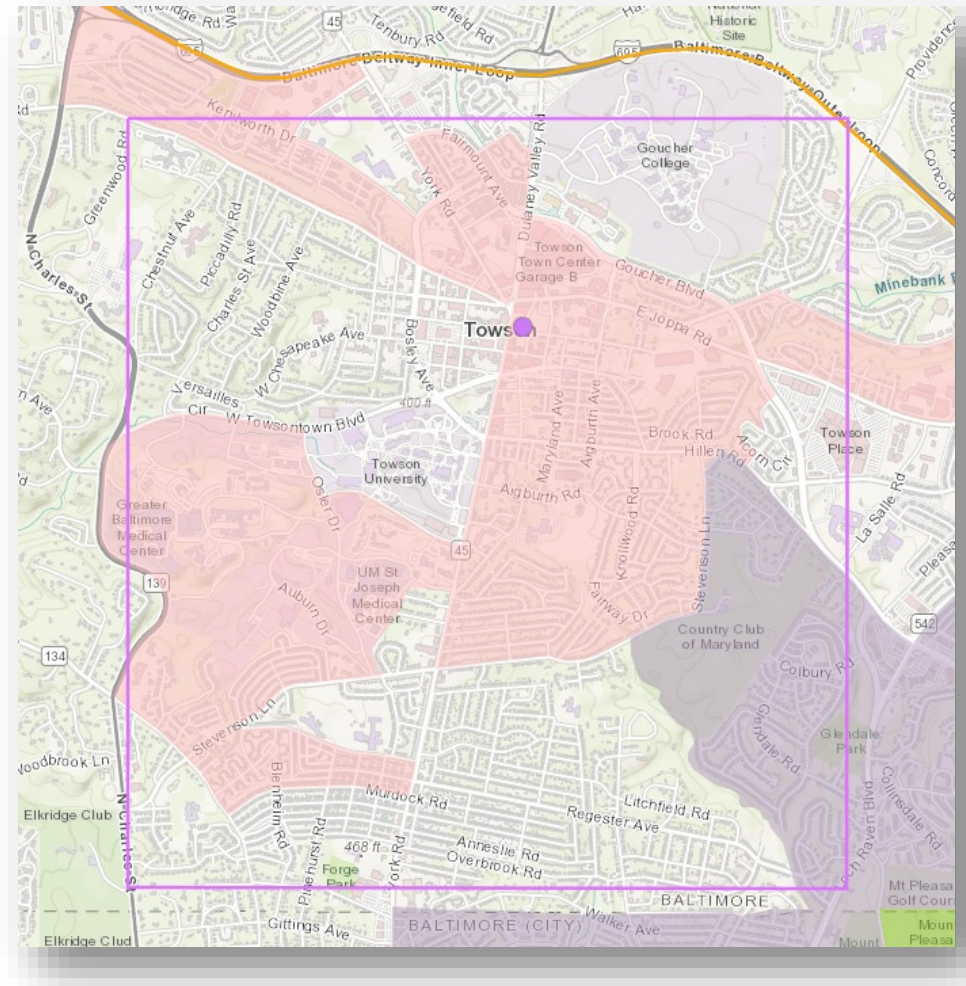
- **Baltimore City: Bicycle and Pedestrian Improvements**

- 1) Cycle track on Bush Street near Carroll Park
 - TIP Funding: \$115,000 for construction (federal and match)
 - Year of Operation: 2023
- 2) Cycle track or buffered bike lanes on Eutaw Place near Druid Hill Park
 - TIP Funding: \$230,000 for construction (federal and match)
 - Year of Operation: 2023
- 3) Middle Branch Phase 2 trail between Middle Branch Trail and Inner Harbor cycle track
 - TIP Funding: \$1.907 million for construction (federal and match)
 - Year of Operation: 2025
- 4) Cycle track on Wolfe or Washington Street
 - TIP Funding: \$400,000 for engineering and construction (federal and match)
 - Year of Operation: 2024



Project Highlights

- **MTA: Towson Circulator**
 - Funding to purchase vehicles and signage for a new fixed-route service in Towson
 - Baltimore County will operate the service
 - TIP Funding: \$2.065 million from a federal discretionary grant and matching funds
 - Year of Operation: 2021



Project Highlights

- **Howard County: Marriottsville Road and I-70 Bridge Improvements**
 - Widens Marriottsville Road from two to four lanes between U.S. 40 and MD 99, including replacing the existing two lane bridge over I-70
 - The bridge will include 6' bicycle lanes and ADA compliant sidewalks
 - TIP Funding: \$21.205 million in primarily local funds (MDOT SHA is funding \$830k in TMDL work)
 - Year of Operation: 2022



Project Highlights

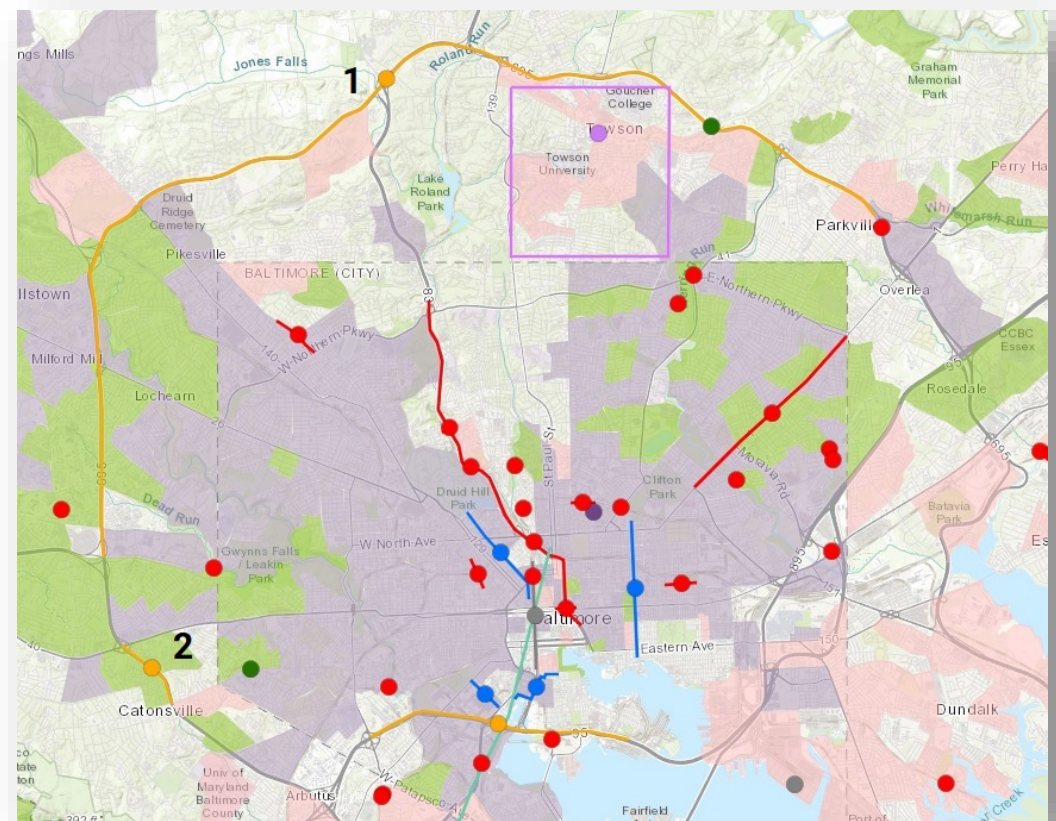
- **MDOT SHA: Expansion of the Baltimore Beltway (I-695)**

- 1) I-70 to MD 43

- Conversion of the inside shoulder to create a new travel lane on the inner and outer loops, including adaptive ramp metering
- Reconfiguration of the I-695 and I-70 interchange
- TIP Funding: \$253.545 million in federal funds (toll credits allow 100% federal funding)
- Year of Operation: 2024

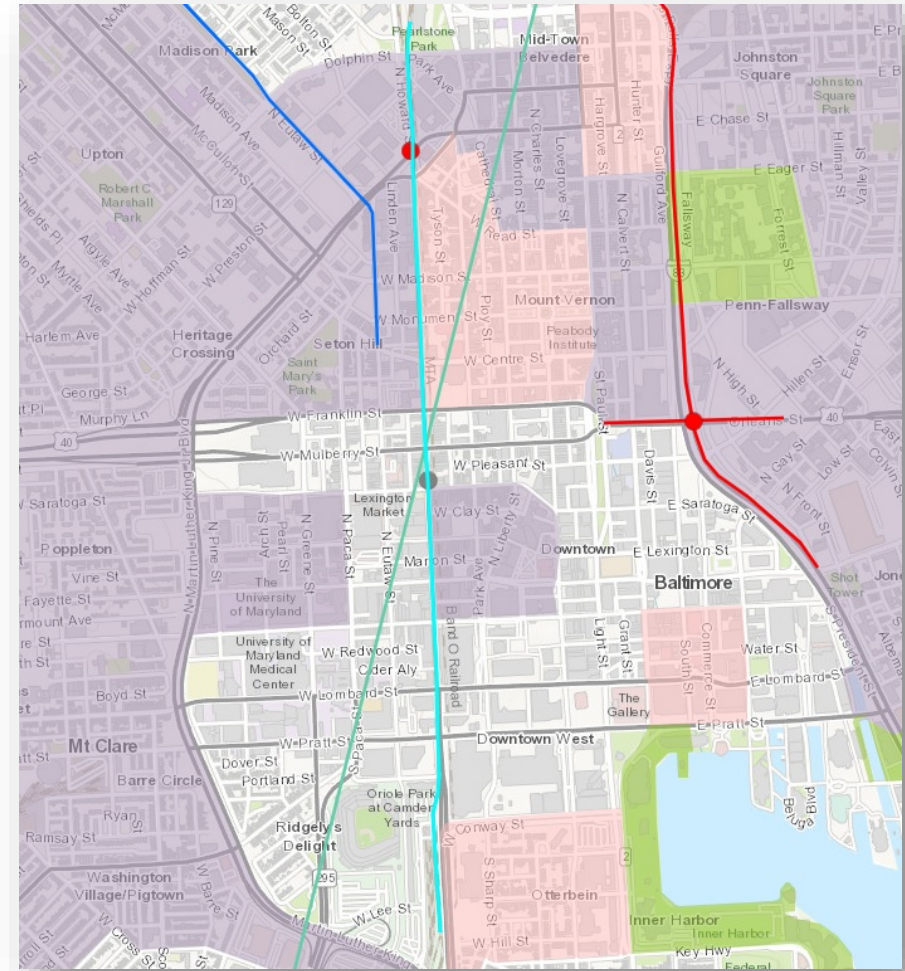
- 2) U.S. 40 to MD 144

- Widens the outer loop from three to four lanes
- TIP Funding: \$27.877 million for noise barrier construction (\$131 million total cost)
- Year of Operation: 2021; noise barrier construction continues through FY 2023



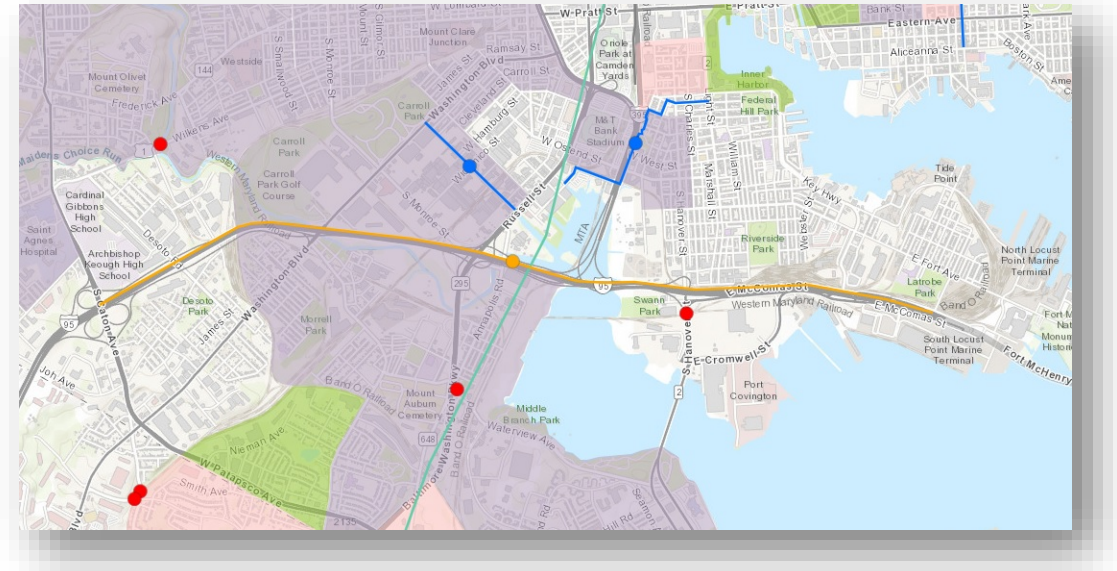
Project Highlights

- **Maryland Port Administration: Howard Street Tunnel**
 - Leverages federal discretionary grant funding to reconstruct the 125-year-old Howard Street Tunnel in order to create double-stack rail access to and from the Port of Baltimore
 - Funding:
 - \$125 million federal INFRA grant
 - \$202.5 million state funding
 - \$113 million in private funds from CSX
 - Year of Operation: 2024



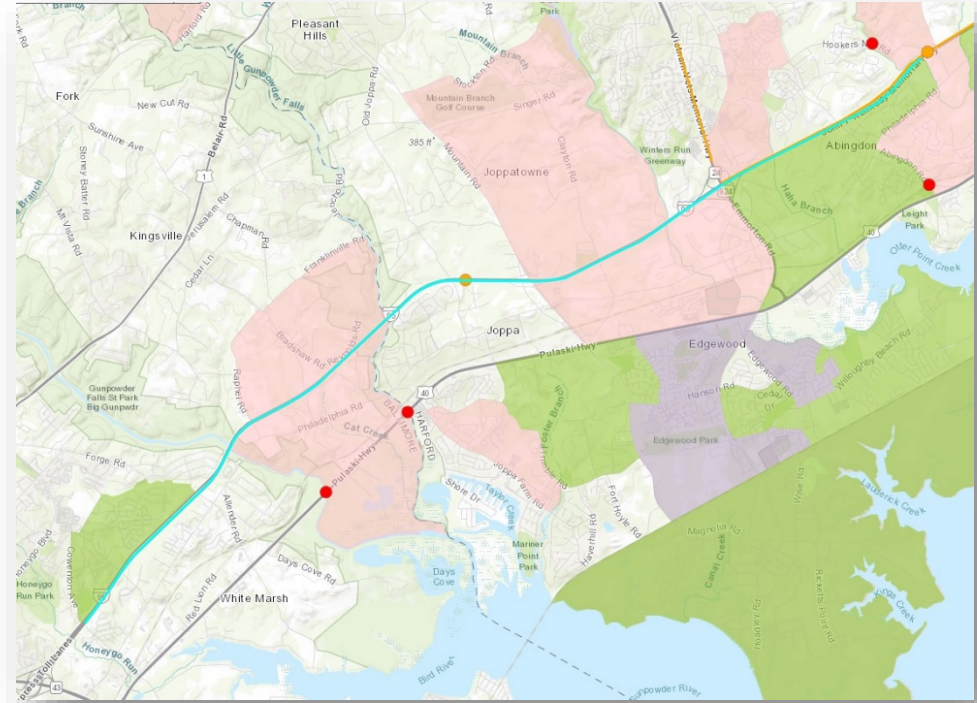
Project Highlights

- **Maryland Transportation Authority: I-95 Access to Port Covington**
 - MDTA and Baltimore City collaborated on planning for changes to seven miles of I-95 and surrounding streets (Hanover, McComas, and Key Highway)
 - Continued planning funded by the developer
 - Funding:
 - Project is seeking INFRA funding for construction
 - MDTA has budgeted matching funds in FY 2024
 - Year of Operation: 2029



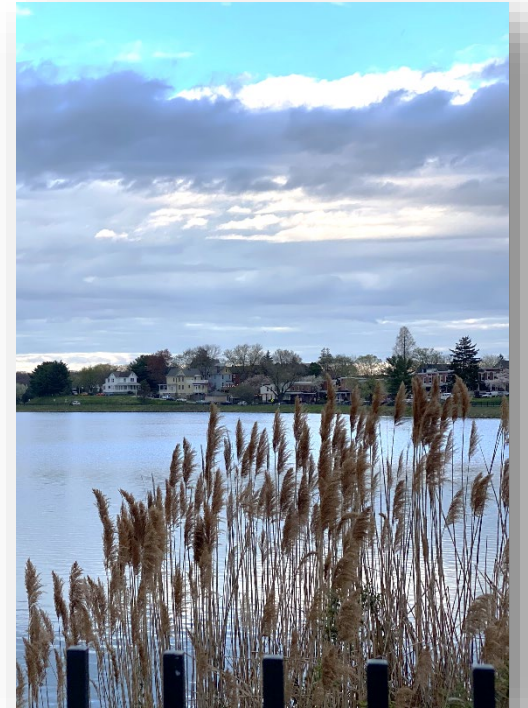
Project Highlights

- **Maryland Transportation Authority: I-95 Northbound Extension**
 - Two ETLs from north of MD 43 to north of MD 24 (11.25 miles)
 - Reconstruction of MD 152 and MD 24 interchanges
 - Widening MD 24 from two to three lanes from MD 924 to north of Singer Road (~1 mile)
 - Reconstruction of 5 overpasses over I-95
 - Construction of 5 noisewalls
 - Widening of 3 bridges along I-95 NB
 - TIP Funding: \$774.75 million in MDTA Toll Revenues
 - Year of Operation: 2026



Overview of the Air Quality Conformity

- Ground-level ozone levels in the Baltimore region are slightly higher than the federally allowable amount.
- The BRTB must conduct a conformity determination to analyze whether the transportation projects would worsen the regions air quality.
 - Passenger vehicle data, fuel data, and meteorological data from 2017 were used as input into the analysis as well as updated population, households and employment numbers.
- The Conformity analysis shows that projected emissions are well below the motor vehicle emission budgets set in the state implementation plan, or SIP.

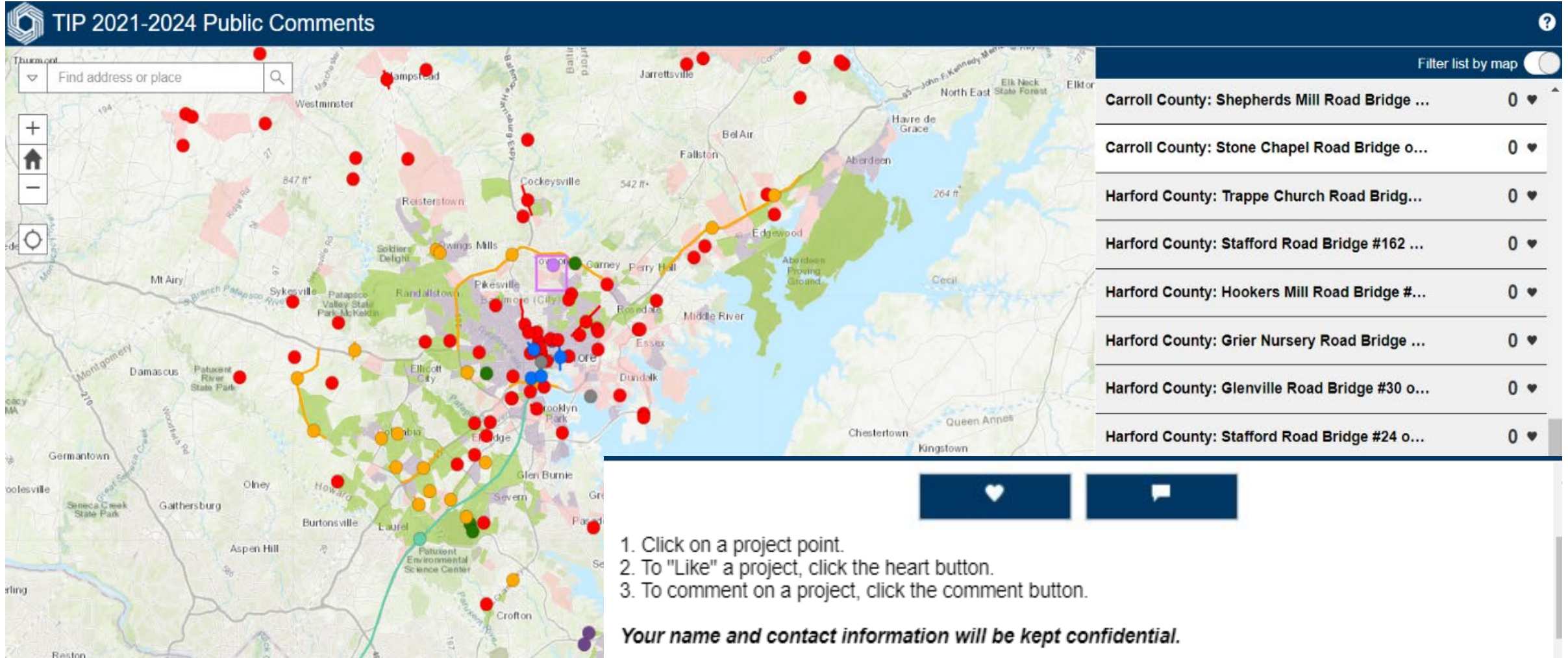


How to Share Your Thoughts

- **Comment Period: June 16 through July 17, 2020**
- **Comments accepted by**
 - Interactive TIP project map featuring comment tool
 - Email: comments@baltometro.org
 - Mail: 1500 Whetstone Way, Suite 300 | Baltimore, MD 21230
 - Fax: 410-732-8248
 - Twitter: @BaltoMetroCo | @BmoreInvolved | #BRTBlistens
- **Learn more at a Virtual Public Meeting**
 - Thursday, July 9 at 6 p.m.
 - Tuesday, July 14 at 12:30 p.m.



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.

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

For More Information

Zach Kaufman | Transportation Planner

410-732-0500 x1048 | zkaufman@baltometro.org | www.baltometro.org

 @BALTOMETROCOUNCIL

 @BALTIMORE METROPOLITAN COUNCIL

 @BALTIMORE METROPOLITAN COUNCIL

