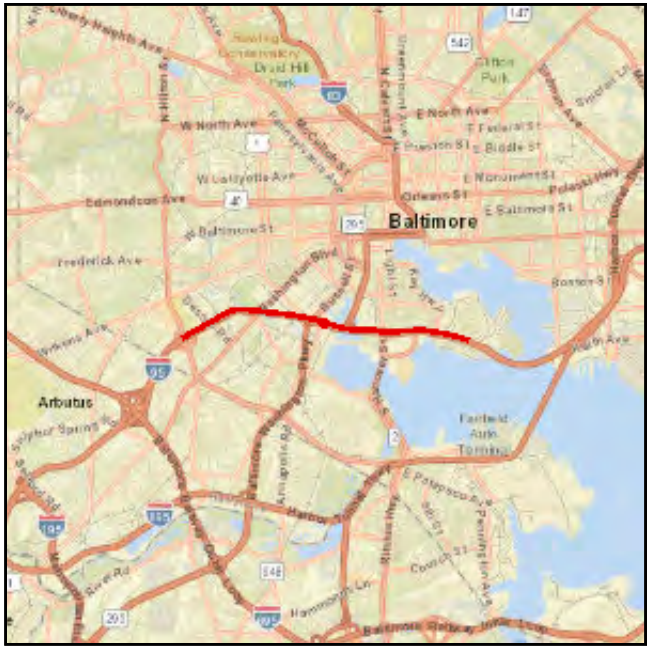
I-95 Fort McHenry Tunnel: Port Covington Access

TIP ID	22-1901-45	**Year of Operation**	2029
Agency	Maryland Transportation Authority	**Project Type**	Interchange ramp added or widened
Project Category	Highway Capacity	**Functional Class**	Interstate
Conformity Status	Not Exempt	**Physical Data**	7 miles, 8 lanes
CIP or CTP ID(s)	MdTA-12	**Est. Total Cost**	$495,000,000

Description:

MDTA and Baltimore City have developed a suite of improvements to I-95 ramps and other nearby transportation facilities to support ongoing and planned redevelopment of the Port Covington peninsula in South Baltimore and to address traffic needs in the Port Covington area. The study limits for these improvements are Caton Avenue to the Fort McHenry Tunnel, involving approximately seven miles of I-95 and sections of Hanover Street, McComas Street and Key Highway. The total project cost is estimated to be $495 million, with completion anticipated in 2029. The first phase of this project was MDTA's funding and oversight of the project's planning, with a NEPA study that is anticipated to be complete in 2020. Future planning efforts will be funded by a private developer. MDTA construction funding is anticipated in FY 2024 and would be MDTA's match for a potential future INFRA Grant.



Justification:

The improvements will support local and regional economic development in Baltimore and the region. They will improve connectivity to existing land uses along the I-95 corridor and major local roads, including Hanover Street, McComas Street, and Key Highway. The improvements will also increase access to planned development that is envisioned for the Port Covington peninsula, and as described in the Port Covington Master Plan, thereby increasing connectivity to planned residential development, businesses, waterways, parks, and new transit facilities on improved street grids.

Connection to Long-Range Transportation Planning Goals:

3.G Improve Accessibility -- Improve system connectivity and continuity among modes and across boundaries.
4. Increase Mobility
7.E Promote Prosperity and Economic Opportunity -- Improve access to existing communities and regional generators of economic activity.

I-95 Fort McHenry Tunnel: Port Covington Access

(Funding in Thousands)

Other

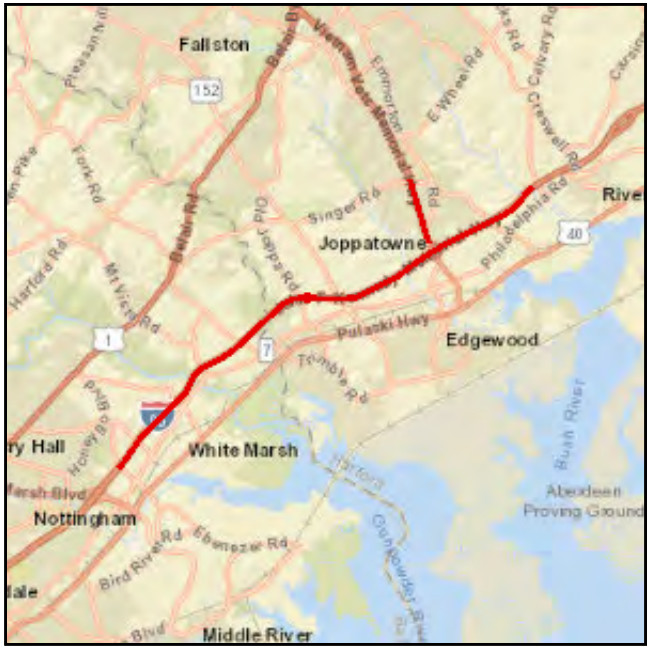
Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	$0	$0	$0	$0	$0	$0	$0	$5,500	$5,500
OTH	$0	$0	$0	$0	$0	$0	$0	$0	$0
ENG	$0	$0	$0	$0	$0	$0	$0	$0	$0
PL	$0	$0	$0	$0	$0	$0	$0	$0	$0
ROW	$0	$0	$0	$0	$0	$0	$0	$0	$0
Subtotal	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$5,500**	**$5,500**
Total	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$5,500**	**$5,500**

I-95 Express Toll Lanes Northbound Extension

TIP ID	25-1801-41	**Year of Operation**	2026
Agency	Maryland Transportation Authority	**Project Type**	Roadway widening
Project Category	Highway Capacity	**Functional Class**	Interstate
Conformity Status	Not Exempt	**Physical Data**	11.25 miles, 6 to 8 lanes
CIP or CTP ID(s)	MdTA-1	**Est. Total Cost**	$1,100,000,000

Description:

The I-95 Express Toll Lanes (ETL) Northbound Extension project is the first phase of implementation of I-95 Section 200. The project is funded by MDTA toll revenues and includes the provision of two additional ETLs on I-95 from north of MD 43 to north of MD 24, a distance of more than 11 miles. Tolls are expected to be collected automatically at highway speeds using E-ZPass or Video Tolling. The project also includes: reconstruction of the I-95 interchanges at MD 152 and MD 24 along with a 1.7 mile auxiliary lane between the interchanges; widening MD 24 from two to three lanes from MD 924 to north of Singer Road; reconstruction of the overpasses at Raphel, Bradshaw, Old Joppa, Clayton, and Abingdon roads; construction of five noise walls; widening the I-95 northbound bridges over the Big and Little Gunpowder Falls and Winters Run; environmental mitigation; and additional safety improvements.



Justification:

The ETLs project will bring much needed traffic relief to one of the most congested portions of I-95 in Baltimore and Harford counties. Traffic operations on northbound I-95 beyond the current MD 43 Express Toll Lanes terminus experience routine congestion during peak hours. The improvements will address capacity concerns, improve safety, and allow for better incident management and maintenance activities. An Intelligent Transportation System (ITS) will allow MDTA to better operate the ETLs and general purpose lanes while addressing transportation safety along I-95. The construction of additional noise walls will address community needs.

Connection to Long-Range Transportation Planning Goals:

1.B Improve System Safety -- Apply safety-related management and operations techniques.
2.B Improve and Maintain the Existing Infrastructure -- Replace traffic signals and ITS elements.
4. Increase Mobility
4.D Increase Mobility -- Apply mobility-related management and operations techniques.

I-95 Express Toll Lanes Northbound Extension

(Funding in Thousands)

Other

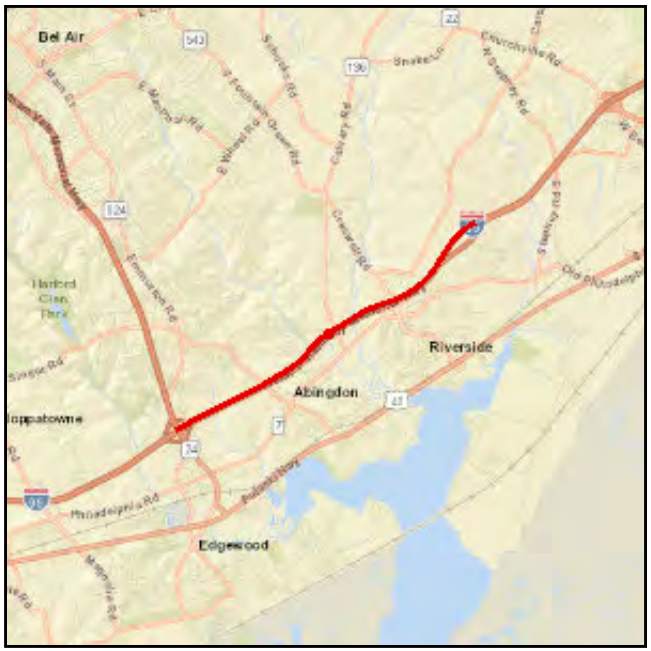
Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	$0	$105,982	$0	$208,718	$0	$287,455	$0	$142,502	$744,657
OTH	$0	$0	$0	$0	$0	$0	$0	$0	$0
ENG	$0	$17,294	$0	$5,854	$0	$2,889	$0	$521	$26,558
PL	$0	$0	$0	$0	$0	$0	$0	$0	$0
ROW	$0	$3,537	$0	$0	$0	$0	$0	$0	$3,537
Subtotal	**$0**	**$126,813**	**$0**	**$214,572**	**$0**	**$290,344**	**$0**	**$143,023**	**$774,752**
Total	**$0**	**$126,813**	**$0**	**$214,572**	**$0**	**$290,344**	**$0**	**$143,023**	**$774,752**

I-95 Southbound Part-Time Shoulder Usage

TIP ID	25-2101-41	**Year of Operation**	2024
Agency	Maryland Transportation Authority	**Project Type**	Roadway widening
Project Category	Highway Capacity	**Functional Class**	Interstate
Conformity Status	Not Exempt	**Physical Data**	5.4 miles, 3 to 4 lanes (3 + Left Shoulder)
CIP or CTP ID(s)		**Est. Total Cost**	$21,900,000

Description:

This project will provide for the part-time use of the left shoulder along I-95 southbound between the Maryland House Travel Plaza and MD 24. It requires restriping I-95 southbound lanes and pavement improvements to the left shoulder lane for approximately 5.4 miles in Harford County. The project will also include the installation of intelligent transportation systems (ITS) devices to deploy a new ITS system, including lane-use control gantries, closed-circuit television cameras, traffic detectors, and dynamic message signs. It will allow for the left shoulder to be dynamically opened and closed based on traffic conditions. The project is funded by MDTA toll revenues.



Justification:

This project will address existing and recurring congestion and safety issues during summer weekends by providing additional capacity on a part-time, as needed basis along I-95 southbound between the Maryland House Travel Plaza and MD 24. It will improve safety by providing additional capacity to reduce congestion-related crashes, as well as reducing potential conflicts at the entrance ramp from Maryland House. This project is an interim phase of implementation of I-95 Section 200 and is the first phase of the I-95 Express Toll Lanes (ETL) Southbound Extension project. The phasing of the project will allow for maximum benefits to be provided in the interim, while minimizing impacts from future construction of the I-95 Express Toll Lanes (ETL) Southbound Extension project.

Connection to Long-Range Transportation Planning Goals:

1.B Improve System Safety -- Apply safety-related management and operations techniques.
2.B Improve and Maintain the Existing Infrastructure -- Replace traffic signals and ITS elements.
4. Increase Mobility
4.D Increase Mobility -- Apply mobility-related management and operations techniques.

I-95 Southbound Part-Time Shoulder Usage

(Funding in Thousands)

Other

Phase	FY 2021 Federal Funds	FY 2021 Matching Funds	FY 2022 Federal Funds	FY 2022 Matching Funds	FY 2023 Federal Funds	FY 2023 Matching Funds	FY 2024 Federal Funds	FY 2024 Matching Funds	Total Four-Year Funding Request
CON	$0	$0	$0	$702	$0	$8,651	$0	$10,621	$19,974
OTH	$0	$0	$0	$0	$0	$0	$0	$0	$0
ENG	$0	$472	$0	$238	$0	$49	$0	$0	$759
PL	$0	$0	$0	$0	$0	$0	$0	$0	$0
ROW	$0	$0	$0	$0	$0	$0	$0	$0	$0
Subtotal	**$0**	**$472**	**$0**	**$940**	**$0**	**$8,700**	**$0**	**$10,621**	**$20,733**
Total	**$0**	**$472**	**$0**	**$940**	**$0**	**$8,700**	**$0**	**$10,621**	**$20,733**