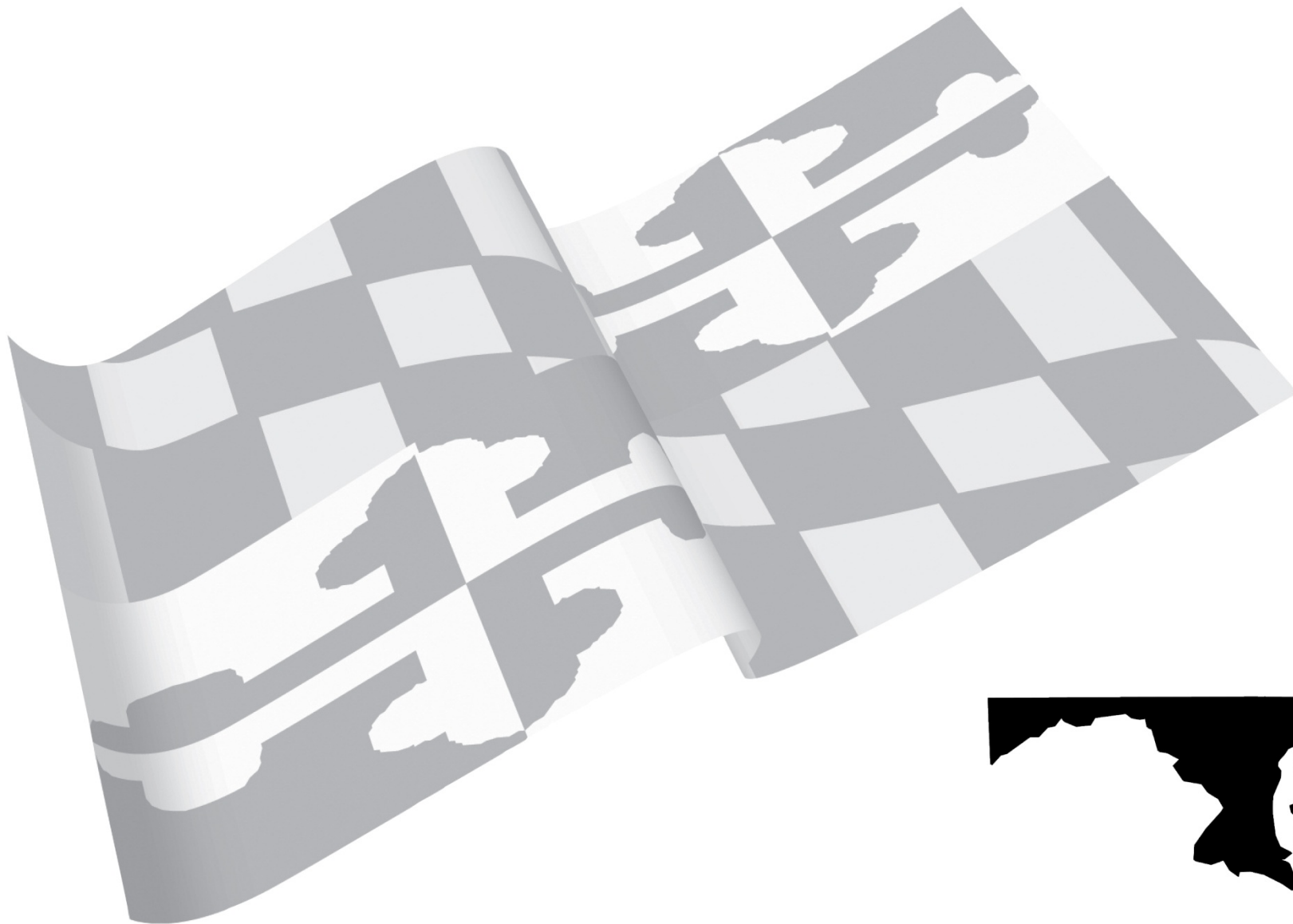




MULTIMODAL FREIGHT PROJECTS

MARYLAND DEPARTMENT OF TRANSPORTATION

MULTIMODAL FREIGHT PROJECTS

Maryland's economy benefits when goods movement is safe, efficient, and reliable over the State's freight network. Highways, rail, marine and airport infrastructure must be in good working condition and free flowing. Unpredictable congestion and delays lower the reliability of delivery times, which leads to costlier freight movement. Ensuring that the network of highways, railways, waterways, and airports are ready to handle the current level and anticipated growth of goods movement is a priority of the Maryland Department of Transportation (MDOT).

MDOT is working to implement multimodal freight mobility solutions, advance supply chains through transportation improvements, and expand freight transportation options throughout the state. The goal of investing in freight related projects is to help improve logistical transportation for over 82,000 freight industry businesses that employ 1.5 million people and contribute \$123.4 billion annually to the State's economy.

How is Maryland accommodating goods movement today?

Multiple plans and programs being undertaken by MDOT include freight projects in various stages of development from concept to construction. Highway improvement, maintenance, and capacity projects run the gamut of Intelligent Transportation Systems (ITS) applications for protecting roadways from damage to increasing safe havens for truck drivers. Investments in landside improvements and harbor dredging at the Port of Baltimore keep the inbound and outbound supply chains flowing. Partnerships with short line, switching, and Class I railroads are beneficial for increasing capacity and improving operations to provide alternatives for Maryland shippers.

How is Maryland accommodating goods movement for the future?

MDOT developed a Strategic Goods Movement Plan that contains specific policy recommendations and provides guidance for development of freight programs at the Port, on rails, highways, and in the air. MDOT partnered with carriers, shippers, and freight network users to develop a strategy that works for the entire transportation system and the state as a whole. The Plan is a statewide guide for selecting multimodal transportation projects that impact freight. This is important for state funding priorities and to help Maryland's ability to meet the national freight goals established in federal surface transportation authorization.

The list below highlights projects that have significant freight impacts and are funded for planning, design, and construction activities in the Consolidated Transportation Program, for approximately \$4.0 billion. The list also identifies costs for Port projects by marine terminal and costs for highway freight related projects in each county. Additional information on individual projects can be found under the respective modal sections later in this document.

PROJECT	ESTIMATED TOTAL 6-YEAR COSTS (\$000'S)
<u>THE SECRETARY'S OFFICE</u>	
Intermodal Rail Incentive Program	2,782
Rosedale Grade Crossing Improvement Project	777
<u>MARYLAND PORT ADMINISTRATION</u>	
Hart-Miller Island Related Projects	20,869
Dredge Material Placement and Monitoring	221,542
Reconstruction of Berths 1- 6 at Dundalk Marine Terminal	33,000
Seagirt Marine Terminal-Berth Improvements	32,939
Pearce Creek Waterline Project	560
Chrome Ore Processing Residue Remediation	26,951
Marine Terminal Property Acquisition	5,000
Port of Baltimore Export Expansion Project	1,968
Dredge Material Management Program	42,294
Cox Creek Dredged Material Containment Facility Expansion and Related Projects	145,827
Howard Street Tunnel Project (INFRA GRANT)	441,000
Terminal-Wide System Preservation	155,133
<u>MARYLAND TRANSPORTATION AUTHORITY</u>	
Nice/Middleton Bridge Replacement Project	601.120
Deck Rehabilitation – I-95 Bridge over Little Northeast Creek	1,860
Deck Rehabilitation – Various bridges on I-95 in Cecil County (PE)	13,446

Port Covington Access to I-95	16,515
I-95 JFK Memorial Highway – I-95/Belvidere Road Interchange	47,560
I-95 JFK Memorial Highway – Express Toll Lanes (ETL) Northern Extension	942,414
<u>STATE HIGHWAY ADMINISTRATION</u>	
STATEWIDE	20,900
Railroad Safety & Spot Improvements	
Truck Weigh Program – Statewide	38,500
Traffic Relief Plan-(Phase 2)- Smart Traffic Signals	20,147
Planning Activities in support of Traffic Relief Plan-I-270 and I-495	103,537
ALLEGANY	200
US 220, Study to upgrade and/or relocate US 220 from I-68 to the West Virginia Line	
ANNE ARUNDEL COUNTY	63,029
MD 175, Annapolis Road (capacity improvements)	
BALTIMORE COUNTY	434,547
I-83 safety improvements, resurfacing, bridge replacement	
I-695 upgrades to 8 lanes	
I-695 Baltimore Beltway Congestion Relief and bridge and interchange improvements at I-70	
I-695 bridge replacement, widening, safety improvements	
CALVERT	19,810
MD 2/4 widen to 6 lane divided highway (widening or capacity improvements)	
FREDERICK	104,160
US 15 / US 40 improvement study (operational and safety improvements)	
MD 180 Jefferson Pike	
I-270 Eisenhower Highway ICM	
HARFORD	2,638
US 40 intersection improvements (capacity improvements)	
HOWARD	105,701
MD 32 improvements study (safety and capacity improvements)	

MONTGOMERY I-270 multimodal corridor study (capacity improvements) MD 355 grade separated crossing over CSX Multiple projects for bridge replacement and safety, capacity, and operational improvements	135,202
PRINCE GEORGES I-95 / I-495 improvements (bridge replacements, and capacity and operational improvements) MD 4, Suitland Parkway Interchange (capacity improvement) MD 5 upgrade (safety, operational and capacity improvements) MD 210 multimodal transportation (safety and operational improvements)	164,293
WASHINGTON I-70 interchange improvements study (bridge replacement and capacity improvements) I-81, study to reconstruct I-81 from the West Virginia State Line to the Pennsylvania State Line (bridge replacement and capacity improvements) I-81, widen and rehabilitate bridge over Potomac River	54,002
WORCESTER US 113, capacity improvements	15,396