



MULTIMODAL FREIGHT PROJECTS

MARYLAND DEPARTMENT OF TRANSPORTATION

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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 \$3.8 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	4,224
Rosedale Grade Crossing Improvement Project	777
<u>MARYLAND PORT ADMINISTRATION</u>	
Hart-Miller Island Related Projects	23,666
Dredge Material Placement and Monitoring	235,967
Reconstruction of Berths 1- 6 at Dundalk Marine Terminal	31,211
Seagirt Marine Terminal-Berth Improvements	33,807
Seagirt Marine Terminal-Channel Improvements	400
Pearce Creek Waterline Project	984
Chrome Ore Processing Residue Remediation	27,138
Marine Terminal Property Acquisition	5,000
Port of Baltimore Export Expansion Project	6,475
Dredge Material Management Program	47,234
Cox Creek Dredged Material Containment Facility Expansion and Related Projects	202,771
Terminal-Wide System Preservation	195,343
<u>MARYLAND TRANSPORTATION AUTHORITY</u>	
I-95, Construct Express Toll Lanes from I-895 to north of MD 43	12
US 301 Replace Harry W. Nice Memorial Bridge	741,348
Deck Rehabilitation – I-95 Bridge over Little Northeast Creek	8,732

Deck Rehabilitation – Various bridges on I-95 in Cecil County (PE)	20,465
Port Covington Access to I-95	27,545
I-95 JFK Memorial Highway – I-95/Belvidere Road Interchange	22,625
I-95 JFK Memorial Highway – Express Toll Lanes (ETL) Northern Extension	747,725
<u>STATE HIGHWAY ADMINISTRATION</u>	
STATEWIDE	17,900
Railroad Safety & Spot Improvements	
Truck Weigh Program – Statewide	39,000
Traffic Relief Plan-(Phase 2)- Smart Traffic Signals	50,294
Planning Activities in support of Traffic Relief Plan-I-270 and I-495	129,460
ALLEGANY	2,094
US 220, Study to upgrade and/or relocate US 220 from I-68 to the West Virginia Line	
ANNE ARUNDEL	52,873
US 50, from MD 70 to MD 2 (north), including the Severn River/Pearl Harbor Memorial Bridge	
MD 175, Annapolis Road (capacity improvements)	
BALTIMORE COUNTY	370,946
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	32,858
MD 2/4 widen to 6 lane divided highway (widening or capacity improvements)	
CAROLINE	8,881
MD 331 replace bridge over Choptank River (bridge replacement)	
FREDERICK	17,317
US 15 / US 40 improvement study (operational and safety improvements)	
MD 180 Jefferson Pike	
HARFORD	14,006
MD 22, intersection improvements (safety and operational improvements)	
US 40 intersection improvements (capacity improvements)	

<p>HOWARD US 29 improvements (operational, safety and capacity improvements) MD 32 improvements study (safety and capacity improvements)</p>	143,287
<p>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</p>	187,149
<p>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)</p>	241,025
<p>QUEEN ANNE'S US 301, construct interchange at MD 304</p>	123
<p>TALBOT MD 331 replace bridge over Choptank River (bridge replacements)</p>	8,881
<p>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</p>	58,366
<p>WORCESTER US 113, capacity improvements</p>	44,061