



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 \$1.9 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>	
High Speed Intercity Passenger Rail Grant Funding for Baltimore and Potomac Tunnel	60,000
High Speed Intercity Passenger Rail Grant Funding for Susquehanna River Bridge	22,000
State-Owned Freight Rail	57,084
Intermodal Rail Incentive Program	6,000
Baltimore Rail Study	1,174
Canton Railroad Grant	3,729
<u>MOTOR VEHICLE ADMINISTRATION</u>	
Performance Registration Information Systems Management (PRISM)	313
<u>MARYLAND PORT ADMINISTRATION</u>	
Hart-Miller Island Related Projects	105,693
Dredge Material Placement and Monitoring	806,791
Reconstruction of Berths 1- 6 at Dundalk Marine Terminal	83,398
Terminal Security Program	44,358
Pearce Creek Waterline Project	14,184
Chrome Ore Processing Residue Remediation	85,151
Masonville Vessel Berth Construction	23,158
Port of Baltimore Export Expansion Project	41,857
Dredge Material Management Program	164,448
TERMINAL-WIDE SYSTEM PRESERVATION	43,478

<u>MARYLAND TRANSPORTATION AUTHORITY</u>	
I-95, Construct Express Toll Lanes from I-895 to north of MD 43	1,097,719
US 301 Replace Harry W. Nice Memorial Bridge	61,600
Install Ten Virtual Weigh Stations at JFK, TJH, FMT, BHT, and FSK	7,620
Upgrades to Truck Weigh Facilities at the Kennedy Highway, Bay Bridge and Hatem Bridge	14,417
<u>STATE HIGHWAY ADMINISTRATION</u>	
STATEWIDE	18,300
Railroad Safety & Spot Improvements	
Truck Weigh Program – Statewide	39,700
ALLEGANY	35,627
I-68 Bridges, Rehab MD 51 bridge over CSX, Canal Parkway and I-68 bridge over Wills Creek/CSX/Municipal Street	
I-68 Bridges, Rehab Bridges over Kelly Road and CSXT	
US 220, Study to upgrade and/or relocate US 220 from I-68 to the West Virginia Line	
ANNE ARUNDEL	29,119
MD 295, study to widen to 6 lanes and interchange improvements	
US 50, from MD 70 to MD 2 (north), including the Severn River/Pearl Harbor Memorial Bridge	
BALTIMORE COUNTY	283,164
I-83 interstate construction program	
I-695 interstate construction program	
I-695 study to upgrade to 8 lanes	
I-695 traffic management strategies	
CALVERT	43,653
MD 2/4 widen to 6 lane divided highway	
CAROLINE	268,475
MD404 upgrade to 4 lane divided highway	
MD331 replace bridge over Choptank River	
CHARLES	14,636
US 301 Project Planning Study	

FREDERICK I-270 / US 15 Corridor study I-70 improvements US 15 / US 40 improvement study MD 180 and MD 351 improvements study	55,530
GARRETT US 219 North I-68 to Pennsylvania State Line	94,560
HARFORD MD 22, intersection improvements MD 159 improvements study US 40 intersection improvements US 1 reconstruction study	56,884
HOWARD I-95 South Welcome Center truck parking expansion I-70 capacity needs study US 29 improvements US 1 improvements study MD 32 improvements study	76,960
MONTGOMERY I-95 / I-495 managed lanes study I-270 multimodal corridor study US 29 improvements MD 355 grade separated crossing over CSX	62,788
PRINCE GEORGES I-95 / I-495 improvements I-95, Capital Beltway, Widening/Managed Lanes from American Legion Bridge to Woodrow Wilson Bridge MD 4, Suitland Parkway Interchange US 301 Project Planning Study MD 5 interchange at MD 373 MD 3 upgrade study MD 5 upgrade study MD 210 multimodal transportation study US 50 traffic capacity and improvement study MD 197 upgrade MD 201 capacity improvements study	442,281

QUEEN ANNE'S US 301, construct interchange at MD 304 MD 404 upgrades US 50 widening	271,142
TALBOT MD404 upgrade to 4 lane divided highway MD331 replace bridge over Choptank River	268,475
WASHINGTON I-70 interchange improvements study I-81, study to reconstruct I-81 from the West Virginia State Line to the Pennsylvania State Line I-81, widen and rehabilitate bridge over Potomac River	53,822
WORCESTER US 113, capacity improvements	143,678