



# 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 \$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.

<b>PROJECT</b>	<b>ESTIMATED TOTAL 6-YEAR COSTS (\$000'S)</b>
<b><u>THE SECRETARY'S OFFICE</u></b>	
Intermodal Rail Incentive Program	4,058
Rosedale Grade Crossing Improvement Project	777
<b><u>MOTOR VEHICLE ADMINISTRATION</u></b>	
Performance Registration Information Systems Management (PRISM)	250
<b><u>MARYLAND PORT ADMINISTRATION</u></b>	
Hart-Miller Island Related Projects	22,807
Dredge Material Placement and Monitoring	226,583
Reconstruction of Berths 1- 6 at Dundalk Marine Terminal	31,211
Pearce Creek Waterline Project	1,094
Chrome Ore Processing Residue Remediation	28,112
Marine Terminal Property Acquisition	5,000
Port of Baltimore Export Expansion Project	6,350
Dredge Material Management Program	48,295
Cox Creek Dredged Material Containment Facility Expansion and Related Projects	204,399
<b>TERMINAL-WIDE SYSTEM PRESERVATION</b>	202,077
<b><u>MARYLAND TRANSPORTATION AUTHORITY</u></b>	
I-95, Construct Express Toll Lanes from I-895 to north of MD 43	12
US 301 Replace Harry W. Nice Memorial Bridge	743,222
Deck Rehabilitation – I-95 Bridge over Little Northeast Creek	8,756

Deck Rehabilitation – Various bridges on I-95 in Cecil County (PE)	20,465
Port Covington Access to I-95	33,000
I-95 JFK Memorial Highway – I-95/Belvidere Road Interchange	22,600
I-95 JFK Memorial Highway – Express Toll Lanes (ETL) Northern Extension	748,960
<b><u>STATE HIGHWAY ADMINISTRATION</u></b>	
<b>STATEWIDE</b>	17,500
Railroad Safety & Spot Improvements	
Truck Weigh Program – Statewide	36,200
Traffic Relief Plan-(Phase 2)- Smart Traffic Signals	48,500
Planning Activities in support of Traffic Relief Plan-I-270 and I-495	129,460
<b>ALLEGANY</b>	2,399
US 220, Study to upgrade and/or relocate US 220 from I-68 to the West Virginia Line	
<b>ANNE ARUNDEL</b>	72,676
MD 295, study to widen to 6 lanes and interchange improvements (capacity)	
US 50, from MD 70 to MD 2 (north), including the Severn River/Pearl Harbor Memorial Bridge	
MD 175, Annapolis Road (capacity improvements)	
<b>BALTIMORE COUNTY</b>	334,761
I-83 interstate construction projects	
I-83 safety improvements, resurfacing, bridge replacement	
I-695 interstate construction projects (system preservation)	
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	
<b>CALVERT</b>	26,960
MD 2/4 widen to 6 lane divided highway (widening or capacity improvements)	
<b>CAROLINE</b>	6,041
MD 404 upgrade to 4 lane divided highway (capacity improvements)	
MD 331 replace bridge over Choptank River (bridge replacement)	
<b>FREDERICK</b>	21,425
US 15 / US 40 improvement study (operational and safety improvements)	
MD 180 Jefferson Pike	

<b>GARRETT</b> US 219 North I-68 to Pennsylvania State Line (capacity improvements)	49,310
<b>HARFORD</b> MD 22, intersection improvements (safety and operational improvements) US 40 intersection improvements (capacity improvements) US 1 reconstruction study (safety and operational improvements)	12,368
<b>HOWARD</b> US 29 improvements (operational, safety and capacity improvements) MD 32 improvements study (safety and capacity improvements)	138,656
<b>MONTGOMERY</b> 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	189,479
<b>PRINCE GEORGES</b> 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) US 50 traffic capacity study	254,222
<b>QUEEN ANNE'S</b> US 301, construct interchange at MD 304 MD 404 safety and capacity improvements US 50 study	3,825
<b>TALBOT</b> MD 404 upgrade to 4 lane divided highway (capacity, safety and operational study) MD 331 replace bridge over Choptank River (bridge replacements)	6,041

<p><b>WASHINGTON</b>  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>	<p>50,761</p>
<p><b>WORCESTER</b>  US 113, capacity improvements</p>	<p>40,369</p>