



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. The COVID-19 global pandemic has made the importance of maintaining the critical supply chain network clearer than ever. During this crisis the reliance on goods movement has been essential to keeping front line workers safe and goods on the shelves as a vital part of our economy. The freight network is still a priority of the Maryland Department of Transportation (MDOT) to ensure that the network of highways, railways, waterways, and airports are ready to handle the current level and changed patterns of freight movement and the anticipated growth of goods movement.

MDOT is working to keep Maryland moving toward recovery and is still implementing many multimodal freight mobility solutions, advancing supply chains through transportation improvements, and expanding freight transportation options throughout the State. Investing in freight related projects will help improve logistical transportation for over 82,000 freight industry businesses to continue to employ about 1.5 million people and contribute \$123.4 billion annually to the State's economy.

How is Maryland accommodating goods movement today?

With everyone dealing with the COVID-19 pandemic MDOT is still moving forward with multiple plans and programs which 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.

Public Partnerships and Megaprojects Propel Movement of Goods into the Future

The Port of Baltimore and the entire supply chain network will continue to benefit from key partnerships with the private sector that support essential goods movement. The P3 agreement with Ports America Chesapeake continues to solidify the Port's position as Maryland's economic engine. Work is progressing on a second 50-foot berth that will allow the Port to accommodate two massive ships at the same time. That berth, and four additional supersized cranes, are expected to be operational by summer 2021. Together, with support from USDOT, CSX Transportation and the MDOT Maryland Port Administration will be reconstructing the 125-year old Howard Street Tunnel and improving the vertical clearance at 22 bridges between Baltimore and Philadelphia to create a double-stack rail corridor to and from the Port of Baltimore and the entire East Coast. This project will unlock immeasurable potential for Maryland's freight rail network and increase Baltimore's already well-positioned reach into the American heartland.

Also, MDOT is looking to update the Maryland 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 will partner again with carriers, shippers, and freight network users to update the strategy so it continues to work 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 \$3.0 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 sections later in this document.

PROJECT	ESTIMATED TOTAL 6-YEAR COSTS (\$000'S)
<u>THE SECRETARY'S OFFICE</u>	
Intermodal Rail Incentive Program	1,282
Snow Hill Line Rehabilitation Grant	800
Rosedale Grade Crossing Improvement Project	777
<u>MARYLAND PORT ADMINISTRATION</u>	
Hart-Miller Island Related Projects	18,186
18186Dredge Material Placement and Monitoring	134,719
Seagirt Marine Terminal-Berth Improvements	21,908
South Locust Point Cruise Terminal	296
Chrome Ore Processing Residue Remediation	25,370
Hawkins Point algal flow-way	4,000
Dredge Material Management Program	42,294
Cox Creek Dredged Material Containment Facility Expansion and Related Projects	55,985
Howard Street Tunnel Project (INFRA GRANT)	440,500
Terminal-Wide System Preservation	116,900
<u>MARYLAND TRANSPORTATION AUTHORITY</u>	
Nice/Middleton Bridge Replacement Project	518,409
Deck Rehabilitation – Various bridges on I-95 in Cecil County (PE)	6,214
I-95 JFK Memorial Highway – I-95/Belvidere Road Interchange	47,062
I-95 JFK Memorial Highway – Express Toll Lanes (ETL) Northern Extension	820,291

STATE HIGHWAY ADMINISTRATION

STATEWIDE	18,400
Railroad Safety & Spot Improvements	
Truck Weigh Program – Statewide	32,567
Traffic Relief Plan-(Phase 2)- Smart Traffic Signals	22,122
Planning Activities in support of Traffic Relief Plan-I-270 and I-495	27,888
ANNE ARUNDEL COUNTY	44,844
MD 175, Annapolis Road (capacity improvements)	
BALTIMORE COUNTY	239,160
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	2,720
MD 2/4 widen to 6 lane divided highway (widening or capacity improvements)	
FREDERICK	49,061
US 15 / US 40 improvement study (operational and safety improvements)	
MD 180 Jefferson Pike	
I-270 Eisenhower Highway ICM	
GARRETT	12,311
US 219 Bridges over Youghiogheny River	
HOWARD	63,732
MD 32 improvements study (safety and capacity improvements)	

<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>	78,558
<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>	113,361
<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>	29,294
<p>WICOMICO US 13 Business, Bridge over East Branch Wicomico River</p>	1,074
<p>WORCESTER US 113, capacity improvements</p>	56