

## Appendix A. Proposed Projects Using NHFP Funds

The Capital Investment Plan (CIP) serves as the definitive capital planning document for MassDOT. The CIP is the annual prioritized list of all projects using all sources of available funding and should not be superseded by mode (or sector)-specific planning documents that are developed on a five-year cycle.

Projects can take several years from conception to programming and advertising. Once the Freight Plan is approved by FHWA, it is expected that project engineers and proponents will begin to design projects that explicitly fulfill the strategies outlined in the Freight Plan.

In the meantime, those projects currently programmed in the CIP that best meet the goals of the draft Freight Plan were selected to use National Highway Freight Program NHFP funding, based on their location on roadway segments designated as Critical Urban Freight Corridors or Critical Rural

Freight Corridors by the MPOs, with concurrence from MassDOT.

Each MPO used its own analysis and discretion to designate their limited mileage allotments in an effort to address their greatest regional freight needs. By programming these projects using a mix of NHFP and other funds, MassDOT will be advancing projects on the roadway segments deemed most critical to freight needs by the MPOs. Each project was additionally screened to make sure it met at least one statutory requirement for use of NHFP funds. The project list will be updated annually following the development of the STIP and CIP.

The CIP can be found at: <https://goo.gl/297U6N>

The STIP can be found at: <https://goo.gl/EqFSsN>

**Table 6.1 Projects Proposed to Use National Highway Freight Program Funds, 2019-2023**

CIP/STIP program	Project description	Total federal participating project cost	Funding source	2019	2020	2021	2022	2023
<b>Federal NHFP Funds Programmed</b>				\$3,373,925	\$27,990,883	\$0	\$21,618,599	\$15,668,991
<b>Federal NHFP Funds Allocated</b>				\$20,212,849	\$22,458,721	\$22,200,687	\$20,641,715	\$21,054,548

CIP/STIP program	Project description	Total federal participating project cost	Funding source	2019	2020	2021	2022	2023
Roadway Reconstruction	WORCESTER- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE SR 122A (PROVIDENCE STREET) AT MILLBURY STREET & MCKEON ROAD	\$1,100,000	Freight funding	\$880,000				
			Other federal funding	\$0				
			Non-federal match	\$220,000				
Intelligent Transportation Systems	STATEWIDE- EXPANSION OF HIGHWAY OPERATIONS CENTER INCIDENT DETECTION SYSTEMS	\$50,000	Freight funding	\$40,000				
			Other federal funding	\$0				
			Non-federal match	\$10,000				
Track and ROW Reliability	MIDDLEBORO SUBDIVISION BRIDGE MP 6.84 ABUTMENT REPAIRS	\$2,526,606	Freight funding	\$2,021,285				
			Other federal funding	\$0				
			Non-federal match	\$505,321				
Intersection Improvements	BARNSTABLE- INTERSECTION IMPROVEMENTS AT IYANOUGH ROAD (ROUTE 28) AND YARMOUTH ROAD	\$11,541,930	Freight funding	\$432,640	\$0			
			Other federal funding	\$8,479,944	\$412,663			
			Non-federal match	\$2,170,832	\$45,851			
Bridge On-system NHS	HAVERHILL-BRIDGE REPLACEMENT, H-12-039,I-495 (NB & SB) OVER MERRIMACK RIVER	\$18,203,683	Freight funding		\$14,562,946			
			Other federal funding		\$0			
			Non-federal match		\$3,640,737			

CIP/STIP program	Project description	Total federal participating project cost	Funding source	2019	2020	2021	2022	2023
Bridge On-system NHS	NORTHAMPTON-BRIDGE REPLACEMENT, N-19-059, I-91 OVER US ROUTE 5 AND B&MRR, BRIDGE REPLACEMENT, N-19-060, I-91 OVER HOCKANUM ROAD AND IMPROVEMENTS TO I- 91/ INTERCHANGE 18	\$16,784,922	Freight funding		\$13,427,937			
			Other federal funding		\$0			
			Non-federal match		\$3,356,985			
Planning / Adjustments / Pass-throughs	FREIGHT PLAN FLEX TO FRA EAST DEERFIELD FREIGHT INTERMODAL PROJECT	\$5,600,000	Freight funding					\$4,480,000
			Other federal funding					\$0
			Non-federal match					\$1,120,000
Roadway Reconstruction	*HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	\$285,366,126	Freight funding				\$21,618,599	\$11,188,991
			Other federal funding				\$41,579,221	\$8,000,000
			Non-federal match				\$11,267,630	\$3,243,221

\*Total federal participating project cost for Hopkinton-Westborough includes costs beyond 2023.