



AMERICAN COUNCIL OF ENGINEERING COMPANIES



November 10th 2021
ACEC/MA Transportation Update

MassDOT Secretary & CEO Jamey Tesler

2021 In Review

- Passage of 2021 Transportation Bond Bill supports long-term state investment in transportation
- MassDOT embracing future of work: broad adherence to vaccine mandate, Highway District Office staff implement hybrid schedule and significant progress in modernization of Boston Transportation Building
- Successful Delivery of FFY 2021 advertisement program w/ 93% of the STIP delivered & 193 total projects advertised, continued roll-out of process improvements expediting overall project delivery
- Launch of I-93 Bus on Shoulder Pilot
- Launched Resiliency Task Force to further MassDOT policy around sustainability & adaptation
- Gov. Baker appointed Permanent MBTA Board of Directors
- Advance planning for Federal Infrastructure Bill underway across Agency

Looking Ahead to 2022

- Return to a five-year capital plan for SFY 2023-2027
- MassDOT to program approx. \$150M of CRRSAA Covid Relief funds in strategic projects across the Commonwealth
- First Next Gen Bridge Projects will advertise in 2022 and over 40 new NGB projects assigned to Consultants
- MassDOT will submit first update to Federal Transportation Asset Management Plan



Image source: FHWA, [MassDOT](#)

Contracting Update

- MassDOT in process of contracting with 61 design firms for Master Service Agreements
- First round of MSAs (issued in 2013) provided critical vehicle for consultant contracting as integrated five-year CIP matured
- New contracts will be in place ahead of August 2022 expiration of existing contracts



Image source: [Boston Magazine](#)

Next Generation Bridge Program (NGB)

- \$1.25 billion to dramatically accelerate the Commonwealth's investment in bridges
- Make progress in Federal performance measures for NHS Bridges while ensuring investment is made state-wide
- See opportunities for the design-build procurement and corridor/multi structure bundled projects
- Advertisements beginning in early calendar year 2022
- Virtual scoping of new projects underway with MassDOT & Consultant Teams

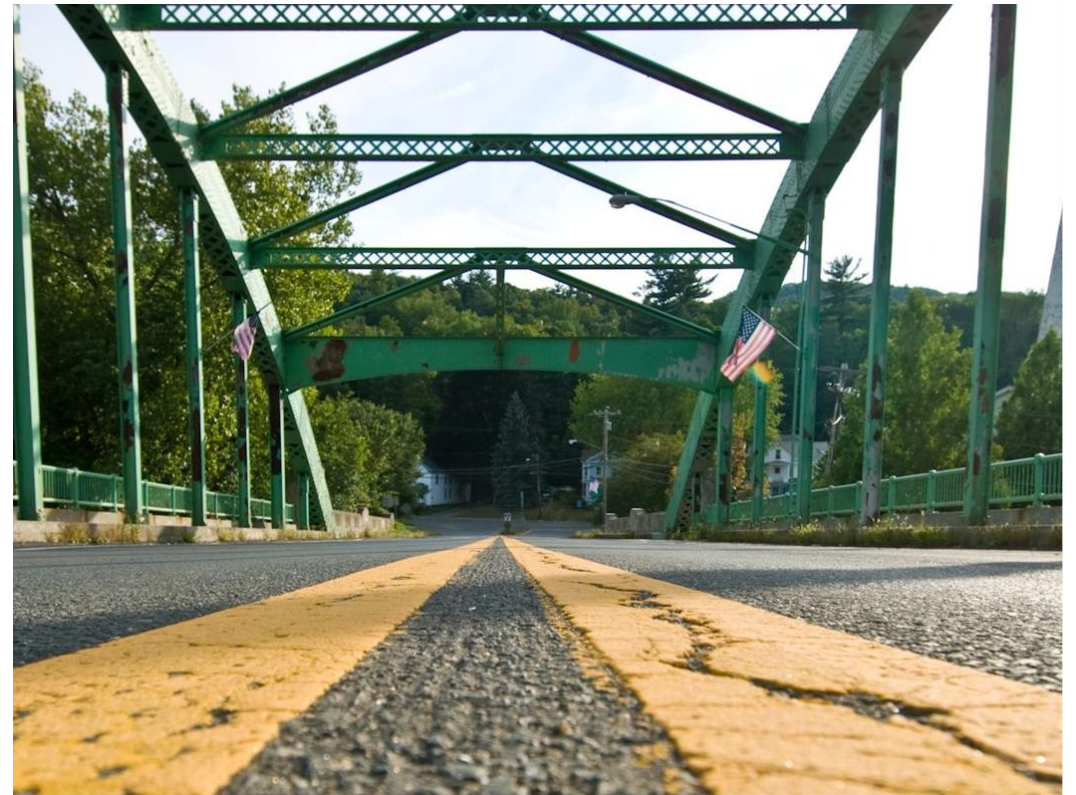


Image source: [MassDOT](#)

Upcoming Potential Design Build Projects

Project Number	Description	Estimated Ad Date/RFP Issued	Estimated Cost
608049	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET	Feb-22	\$100,000,000.00
602659	CHARLTON- OXFORD- RECONSTRUCTION ON ROUTE 20, FROM RICHARDSON'S CORNER EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002	Mar-22	\$62,000,000.00
606783	NEWTON- WESTON- BRIDGE REHAB, N-12-066, N-12-073, N-12-067, (STR 9, 10 & 11) I-90/I-95, CHARLES RIVER, CHARLES STREET & MBTA/CSX & N-12-078=W-29-062 & 3 RAMP G BRIDGES (DB)	May-22	\$180,000,000.00
607670	BOSTON-SOMERVILLE-MAFFA WAY BRIDGE REHABILITATION	Jul-22	\$32,000,000.00
605294	DUXBURY-ROUTE 3 NB & SB BRIDGE REPLACEMENTS OVER FRANKLIN STREET	Dec-22	\$18,000,000.00
608009	BOXBOROUGH-BRIDGE REPLACEMENT ROUTE 111 OVER I-495	Feb-23	\$11,000,000.00
607681 / 605645	CHELMSFORD-BRIDGE BUNDLE- GORHAM STREET & WESTFORD STREETS OVER I-495	May-23	\$21,000,000.00
605311	MARION & WAREHAM - WAREHAM STREET (US 6) OVER WEWEANTIC RIVER	Aug-23	\$35,000,000.00
606527	NEW BEDFORD - I-195 EB/WB RAMP C&F OVER SR18/LOCAL STREETS/RR	Nov-23	\$170,000,000.00
609466	HAVERHILL & METHUEN - BRIDGE REPLACEMENT, H-12-040, I-495 (NB & SB) OVER MERRIMACK RIVER (SOUTHERN BRIDGES)	Apr-24	\$80,000,000.00
606475	BOSTON- REPLACEMENT OF ALLSTON I-90 ELEVATED VIADUCT, B-16-359, INCLUDING INTERCHANGE RECONSTRUCTION BEACON PARK YARD LAYOVER & WEST STATION	TBD	

Note: Snapshot as of 9/29/2021.

Planning for the Infrastructure Investment and Jobs Act

- Anticipating increased federal funding, Highway Division focused on six key areas of project delivery for process improvements
 - Alternative Project Delivery, Risk Based Design & Review, Right of Way Acquisition, Environmental Permitting, District Bridge Maintenance Contracting & Traffic Control
- Divisions focused on development of project lists eligible for anticipated formula funding in the bill
- Secretary's Office focused on discretionary opportunities within the bill
- MassDOT Human Resources refining recruitment strategy and working with operating units on needs

Municipal Programs

Municipal Small Bridge Program

- This program was established to assist cities and towns to replace or preserve bridges with spans between 10' and 20'. Each municipality may qualify for up to \$500,000 per year.
- These small bridges are not eligible for federal aid under existing programs.
- To date, This program has helped facilitate the advancement of 121 small bridge projects across the Commonwealth that due to their size are ineligible for federal funding
- Next round in planning stages and expected within the next three months

Municipal Small Bridge Program

Program that provides financial support to cities and towns for small bridge replacement, preservation and rehabilitation projects.

Municipal Programs

Complete Streets

- The MassDOT Complete Streets Funding Program provides technical assistance and construction funding to eligible municipalities. Eligible municipalities must pass a Complete Streets Policy and develop a Prioritization Plan.
- The Complete Streets Funding Program has now awarded 190 Tier 3 construction project grants across the Commonwealth totaling \$61.05 million. In this Fiscal Year 2022 Grant Round 1, the eleventh overall grant round, \$6.05 million in awards have been made to 18 municipalities.
- A Complete Street is one that provides safe and accessible options for all travel modes - walking, biking, transit and vehicles for people of all ages and abilities.



Image source: [UNC](#)

The Complete Streets Funding Program Portal has more information for communities:

<https://masscompletestreets.com/>

Municipal Programs

Shared Streets

- The Shared Streets and Spaces initiative first launched during the summer of 2020, and the program was extended to help municipalities address the challenges of winter amid the ongoing public health crisis.
- The Shared Winter Streets and Spaces provides cities and towns with grants as small as \$5,000 and as large as \$500,000 to improve plazas, sidewalks, curbs, streets, parking areas, and other public spaces in support of public health, safe mobility, and renewed commerce.
- Since the start of the program in June of 2020, the Commonwealth has invested \$33M million in municipal Shared Streets projects.



Image source: [CNU](#)

Municipal Programs

New Programs from TBB

Municipal Pavement Program

- Funds pavement improvements on local roadways with a focus on state numbered routes
 - Resurfacing, mill and overlay, and similar improvements
- Segments are selected by MassDOT each Fiscal Year based on local inventory and condition
 - Fiscal Year 2022 focused on Districts 1 – 3, Fiscal Year 2023 will focus on Districts 4 - 6
- Projects are implemented by existing MassDOT pavement contractor

Local Bottleneck Reduction Program

- Funds innovative solutions to address local congestion bottlenecks at signalized intersections to improve traffic
 - Signal retiming, Transit Signal Priority, vehicle detection and similar improvements
- Selection is based primarily on bottleneck related congestion and delay metrics
- Project planning and implementation is conducted by a MassDOT contractor
- Application window is open now until November 15th for municipalities on MaPIT



Thank You