

MassDOT Highway Projects Briefing

for the

495/MetroWest Partnership
Transportation Committee Meeting

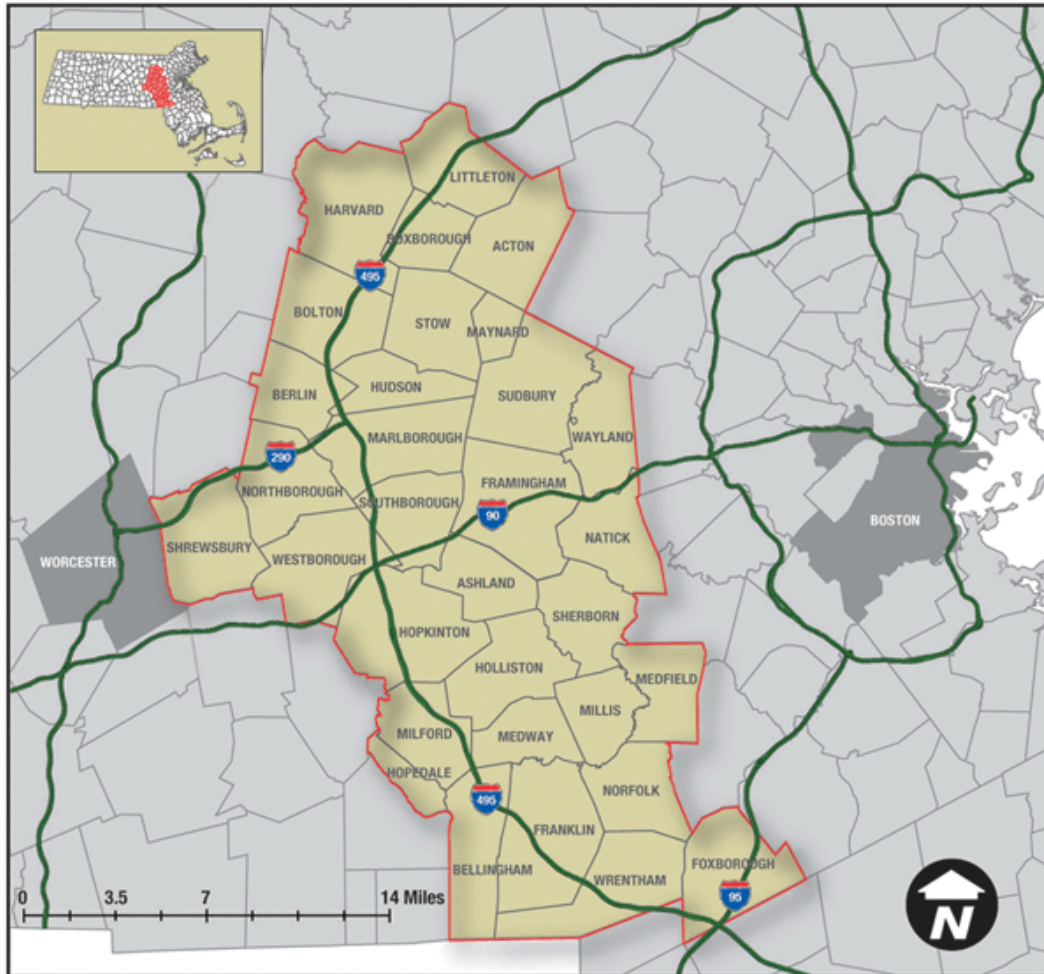
Tuesday, March 29, 2016



Overview

- Highlighted Projects
- Projects in Planning/Design
- Resurfacing Projects
- Construction Projects
- Recently Completed Projects

495 Partnership Map



All Electronic Tolling (AET)

- The All Electronic Tolling Project (AET) is currently underway with all sixteen Toll Zones and the new Customer Service Center going live at once.
- The new AET Customer Service Center is a separate and concurrent project and is being designed in parallel to the AET project. The project currently has a Go-Live date of mid-October 2016.
- The construction build-out of the toll zone roadway infrastructure portion of the work is approximately 75% complete.



AET continued

- Construction is underway in the region at Toll Zones for Weston, Westborough, Framingham, Southborough, Hopkinton.
- Work includes site work, milling and paving of the intermediate course, conduit trenching, toll gantry installation and installation of toll equipment shelter.
- Visible gantry installation was underway at Southborough as of the week of 2/1 and Hopkinton on 3/12.



Demolition Contracts

- The current phase of the AETS Project does not physically remove the toll plazas. Instead it sets up temporary travel lanes at the plaza to allow for free and continuous travel through the toll booths.
- Six (6) demolition and interchange reconfiguration construction contracts are currently being developed to remove the toll booths, buildings and reconfigure interchanges where necessary.
- The current advertising schedule for the 6 contracts is March 26th to May 7th. This demolition and reconfiguration work is scheduled to start immediately after the “Go-Live” weekend of October 15-17, 2016.

I-90/495 Interchange Improvements

- The purpose of the project is to address the geometric and operational deficiencies that result in safety issues and increased congestion at one of the busiest interchanges on the Massachusetts Turnpike.
- The existing interchange will be reconfigured to improve safety and to meet high volume interstate-to-interstate demands.



I-90/495 Interchange Improvements

- The selected design will be based upon the findings of the Highway Division Feasibility Study, further evaluation, and the results of the environmental assessment process. Budget: Depends on final permitting. Project concepts range between \$165M and \$285M
- MassDOT is currently engaged in the consultant selection process for the next stage of design and permitting and expect to have a consultant onboard in mid-2016. The project anticipated to be advertised in the next 5 plus years.



Design

- **Ashland-** Reconstruction on Route 126 (Pond Street), *from the Framingham T.L. To The Holliston T.L.* The (\$13 million) Project is at 25% design stage.
- **Bellingham-** Ramp Construction & Relocation, I-495 at Route 126, (\$13.5 million) interchange improvement project is at the preliminary design stage. An Interchange Modification Report was submitted to FHWA for review.
- **Framingham, Natick-** Cochituate Rail Trail, (\$8 million) project is at the 25% design stage. It is currently programmed in FY 2018 of the Boston TIP utilizing Statewide Congestion Mitigation Air Quality (CMAQ) funds.
- **Franklin, Wrentham, Plainville, Foxborough, Mansfield-**Interstate and Related Work on I-495 (NB & SB), (\$6.7 million) interstate maintenance pavement preservation consisting of roadway and bridge resurfacing, and related work for 9.6 miles. Advertised on 3.19.16
- **Hudson, Marlborough-** Interchange Reconstruction at I-290 & 495, including Bridge Replacements. The (\$123 million) proposed interchange improvement project significant changes to the ramping system and replacement of four bridges. ENF stage.

Design

- **Marlborough** -Reconstruction of Route 85 (Maple Street), (\$5.4 million) project is at the 25% design stage and appears on the FY 2017 TIP.
- **Shrewsbury, Northborough, Westborough**-Resurfacing and Related Work Rte. 9 the project is currently programmed in FY 2016 of the Central MA TIP with late 2016 advertisement date. Total Estimated Project Cost: \$13.9 million
- **Southborough** –Resurfacing and Related Work on Rte. 9, from the Framingham town line to White Bagley Road. Total estimated project cost is \$4.7 million and the project is currently scheduled to be advertised by end of 2016.
- **Sudbury**-Intersection Improvements at Rte. 20 and Landham Rd. 25% design, \$1.7 million. The project is currently unfunded.
- **Westborough**- Intersection & Signal Improvements at Route 9 & Lyman Street. The (\$7 million) project is at the 75% design and the advertisement anticipated late 2016.
- **Westborough- Southborough**- Improvements on Route 9 At I-495 Interchange. The (\$12 million) project is at the conceptual design level and is currently unfunded.
- **Westford**- Route 110 & Tadmuck Road Intersection Improvements \$3.9 million project includes signalization, culvert replacements and sidewalk construction. It is at the 100% design stage and a late FY 2016 advertising is anticipated.



Construction Projects

- **Acton, Carlisle, Westford**-Bruce Freeman Rail Trail Phase 2A project (\$9.9 million) April 2018 completion.
- **Acton, Maynard**-Assabet River Rail Trail, (\$6.7 million) Spring/Summer 2016 start.
- **Framingham**-Bridge Replacement for Route 9 over Reservoir Outlet Spring 2016 completion
- **Franklin**-Reconstruction on Rte. 140, Main St. and Emmons St., (\$5.2 million) July 2016 completion date
- **Littleton**-I-495 Bridges Replacement Project, (\$30 million) summer 2016 completion
- **Natick/Wellesley**-Route 9 & Oak Street Intersection Reconstruction (\$5.5 million) New traffic signals activated. Final completion this July
- **Medway**-Route 109 Reconstruction,(\$9.6 million) Spring 2016 NTP
- **Southborough / Westborough** – Resurfacing of Route 9 between Breakneck Hill Road and Lyman Street (\$7 million) 90% complete, scheduled completed in April, 2016
- **Wayland**-Route 27 at Route 30, (\$1.9 million) Spring 2016 NTP



Recently Completed Projects

- Bellingham/Medway/Milford - I-495 Resurfacing (\$14.1 million)
- Framingham - Cochituate Rail Trail (\$1 million)
- Hudson – Reconstruction of Route 85 (\$10.8 million)
- Westford – Minot's Corner Reconstruction (\$4.2 million)
- Shrewsbury/Worcester – Ken Burns Bridge Reconstruction (\$90 mil.)



Contact Information

Barry Lorion

District 3 Operations Engineer

barry.lorion@state.ma.us

Massachusetts Department of Transportation

District 3

403 Belmont Street

Worcester, MA 01604

508-929-3830