

MassDOT Highway Construction
Contract No. 132403 – Weigh In Motion Station Enhancements And
Expansion At 15 Locations – Statewide

Capital Programs Committee

November 12, 2025



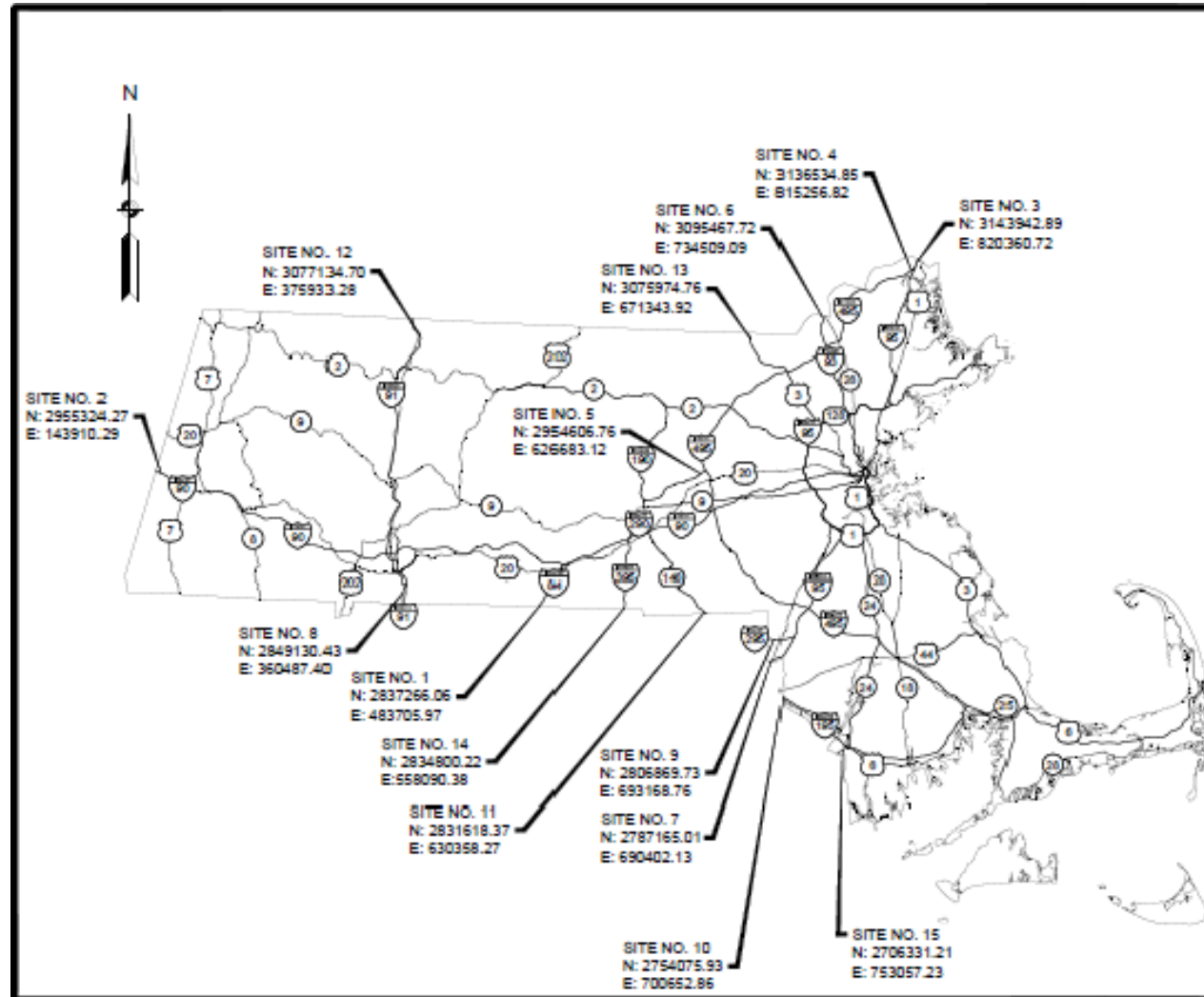
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Overview

Project Location

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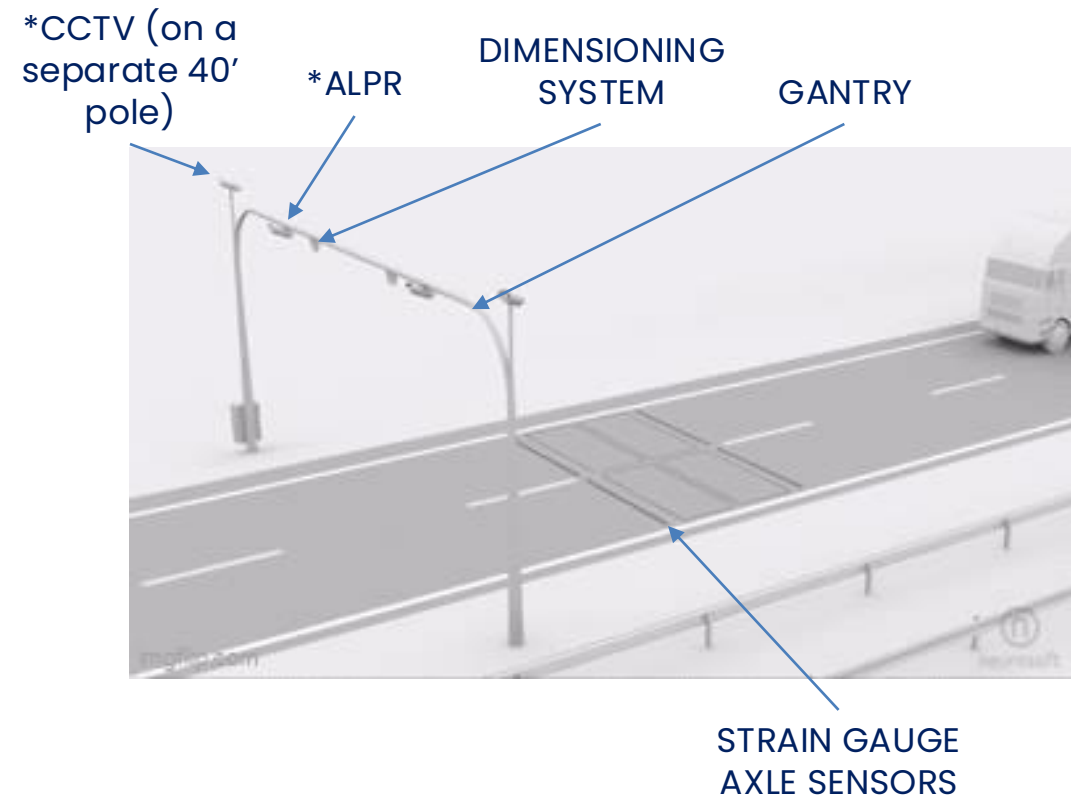
Locus map

Overview

Beyond Mobility Highlights

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- Weigh-In-Motion (WIM) stations are used by MassDOT to monitor vehicle weights and axle loads on roadways. Traffic loading data collected by WIM include wheel (single or dual tires) loads, axle loads, and gross vehicle weights (GVW).
- This project consists of installing 15 new Weigh-In-Motion Stations across Massachusetts, ensuring compliance with FHWA recommendations.
- Project Investment meets Beyond Mobility priorities for **Reliability** and **Safety** through gathering data on vehicle weights, classifications, and speeds
- This project supports **Travel experience**.
- This project includes collaboration with the State Police, the RMV, and the pavement management and permits sections.



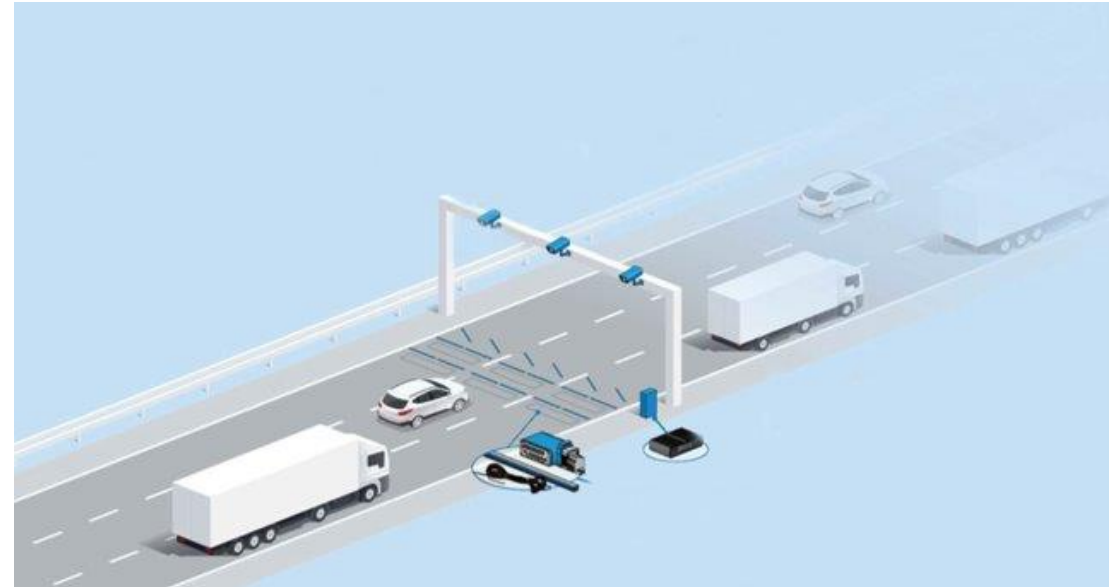
*CCTV-Closed-Circuit Television

*ALPR-Automated License Plate Readers

Project Scope

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- Installation of 15 Weigh-In-Motion (WIM) Systems and the deployment, operation, and maintenance of a Weigh-In-Motion Software System and other related work
- Installed on various roadways along Interstates 84, 90, 91, 95, 195, 290, 295, 395, 495, and Routes 3, 24, and 146
- In MassDOT Districts 1, 2, 3, 4, and 5
- These include four new sites and upgrades to 11 existing sites
- The Weigh-In-Motion Software System will be a Commercial-Off-The-Shelf (COTS) vendor owned system



Construction Management Approach

Outreach and Duration

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Public Outreach:

- RFI release to the industry on 10/31/24 to receive input from the industry on the state for WIM technology
- Several stakeholder meetings and the development of a Concept of Operations and System Requirements to meet the needs of all stakeholders throughout the system engineering process
- Attendance at two Construction Industries of Massachusetts (CIM) meetings to introduce the project and let the industry know it was going to be advertised in September 2025.

Construction Duration:

- approximately 6 years commencing upon the Notice to Proceed.
- Field completion duration is 3 years from the Notice to Proceed. Remaining 3 years are for operations and maintenance of the system once installed.

Procurement and Budget

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- Project Advertised September 13, 2025
- Engineer's Estimate was \$20,790,270.86
- Bid Opening held November 4, 2025
- 3 Bids were received:

Coviello Electric & General	\$23,776,784.13
Dagle Electrical Constr Corp	\$25,888,852.00
J F White Contracting Co	\$29,594,964.70

Line Item	Budget
Bid Amount	\$23,776,784.13
Contingencies	\$2,377,678.41
Construction Engineering (5%)	\$1,188,839.21
Traffic Police	\$680,000
Trainees	<u>\$4,000</u>
Total	\$28,027,301.75

Project is funded using a combination of Federal and State Funds.

- Federal - NFP/National Freight Program.
- State - WT/Western Turnpike Funds

Request of the MassDOT Board of Directors

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The Price Proposals were reviewed by engineers in Construction, Construction Contracts, Project Management, and the Design Consultant; costs were found to be reasonable and recommended to be awarded to the apparent low bidder.

Request of the MassDOT Board

Staff request that the Capital Programs Committee recommend to the MassDOT Board of Directors to authorize the Secretary of the Massachusetts Department of Transportation, or their designee, to award and execute MassDOT Construction Contract 132403 – Statewide – Weigh In Motion Station Enhancements And Expansion At 15 Locations, with **Coviello Electric & General**, for the amount of **\$23,776,784.13**.

Thank You

