



MASSDOT TAKING THE LEAD ON ITS UPGRADES, AND SETTING STANDARDS FOR THE FUTURE

The Massachusetts Department of Transportation (MassDOT) is responsible for the design, construction, and maintenance of the Commonwealth's state highways and bridges. The Division is responsible for overseeing traffic safety and engineering activities including the Highway Operations Control Center to ensure safe road and traveling conditions.

Adesta designed, built, and maintains a state-of-the-art Intelligent Transportation System (ITS) valued at \$30.7 million along most of the interstate roadway in western Massachusetts for MassDOT. The system includes 33 new camera locations and 17 new Variable Message Signs (VMS) deployed along the I-91 and I-291 corridors. In addition, a new fiber optic based communications backbone integrated with a six-site point to multi-point microwave network facilitates connectivity to the cameras, VMS signs, and provides a connection to both the local District Traffic Operations Center (STOC) in Boston. Adesta also provided the network maintenance upon completion.

The completed system provides MassDOT with an advanced traffic management system with the capability to monitor traffic for congestion and incident management while providing real-time roadway information to the traveling public. A shared resource platform provides additional marketable infrastructure capacity enabling economic development initiatives as well as broadband deployment opportunities. The entire system was designed to be fully scalable for ease of future technology upgrade deployment.

"This project uses technology to support highway safety, economic development and improved traffic flow on our largest and most important highway in western Massachusetts," said Luisa Paiewonsky, Commissioner, Massachusetts Highway Department. "We benefited from the strong support of regional, local, state, federal and economic officials who worked so hard to make this project a reality."

"We were honored to be selected to implement one of the first major ITS upgrades in our nation," said the President of Adesta. "This is a project that will enhance traffic management capabilities, and provide MassDOT the ability to offer modern network infrastructure to underserved areas at a greatly reduced cost, while allowing for cost recovery as the additional excess capacity is marketed to users."

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