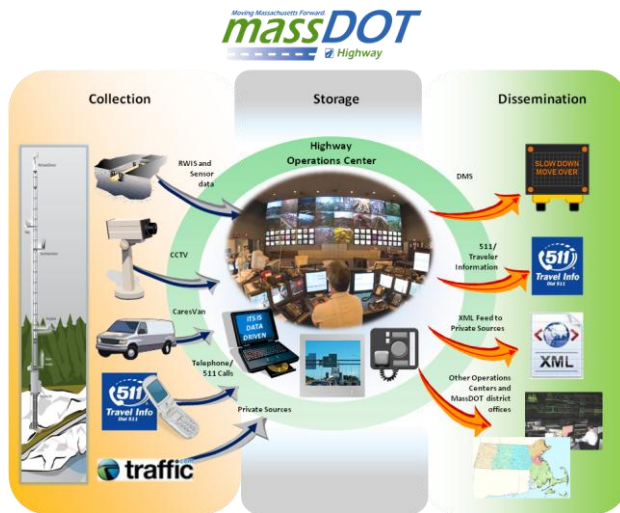# ITS Programs Strategic Plan
ITS Design & Deployment Guide
Strategic Plan for Traffic Data Collection
Massachusetts Department of Transportation/Highways

This project was contracted to a firm which included TrafInfo staff who played a lead role in the preparation of three important documents: the ITS Strategic Plan, the ITS Design and Deployment Guide, and the Regional Transportation Operations Strategies for the MassDOT/Highways ITS Programs.

The ITS Strategic Plan provides a roadmap to the implementation of ITS devices and strategies over the next 5 years to meet four important goals: a) improved incident management; 2) improved congestion management/customer service; c) improved safety/security management; and 4) improved management for cost-effective operations.

For each of the four goals, specific objectives were defined. Recommendations to address each of the objectives were determined and categorized into short, medium and long term time frames. Performance measures were defined to allow MassDOT to determine how effective the recommendations were in meeting the four goals mentioned above.

The ITS Strategic Plan included a Business Plan with cost estimates for each of the recommendations, and an assessment of existing ITS expenditure by MassDOT. Recommendations were made on allocation of future funds towards ITS in order to achieve the recommendations included in the strategic plan.

The ITS Design and Deployment Guide progressed the Strategic Plan further and located specific ITS field devices throughout the Commonwealth as well as developed guidelines that the Department and design consultants could use to mainstream ITS deployment as part of on-going and planned highway construction projects.

In addition to the above two documents, TrafInfo staff were responsible for preparing a strategic plan for Traffic Data Collection to meet the new HPMS 2010+ Reassessment as well as updates to the Traffic Monitoring Guide (TMG).