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## Regional Traffic Operations Center System Integration Massachusetts Highway Department

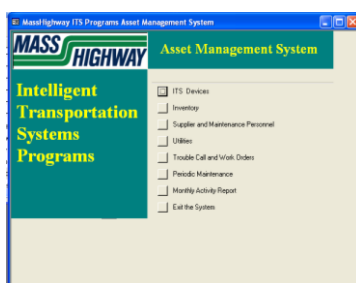
Duration: 2005-2006  
Project Fee: \$1,000,000  
Firm Fee: \$35,000  
Role: Sub Consultant



TrafInfo Communications, Inc. was part of a team to perform the system integration of all field devices and RTOC systems.

TrafInfo's responsibilities included assistance in system integration of field devices including the review of existing weather stations and issues related to integrating the field devices and functions with the RTOC.

As part of this contract, TrafInfo was asked to provide peer review of the Route 3 North communication infrastructure design-build plans, and to evaluate legacy computer systems procured previously by MassHighway as part of I-93 ITMS project. These legacy computer systems included Digital Alpha workstations and Silicon Graphics servers and workstations.



TrafInfo completed a detailed design and software development of an Asset Management System for the operations and maintenance of all the ITS field devices and TOC equipment. This system provides for receiving and responding to trouble calls from field personnel. An extensive database of all inventory parts provides field personnel with not only detailed information of the device itself but also a history of all maintenance work performed on that device. The system includes information related to periodic maintenance activities. Several types of monthly and yearly reports and device reports can be generated to evaluate the performance of the ITS devices. A purely web-based centralized AMS is being contemplated to replace the above client software.