



The City of Boston OnTIME ATMS



Control Technologies, Inc. developed and deployed an Advanced Traffic Management System in Boston's City Hall

The Boston Traffic Operations Control Center contains the most advanced electronic traffic monitoring and incident response system in the world. Using a wide array of Intelligent Transportation Systems (ITS) devices, the TOC monitors traffic on the surface highways in all of Boston. CTI designed and implemented an OnTIME Advanced Traffic Management System in City of Boston. CTI was responsible for implementing the entire OnTIME Traffic Management Control System that operates on a network of Dell PC Servers using and ORACLE engine. The system supports 2000 intersections, 4000 detectors, and 100 cameras, video wall, VMS and a Web interface. CTI provided the entire control center including the network, communications, interface equipment, workstations, video wall, and redundant fail-over servers. CTI provided all training of City personnel to operate the system effectively. Specific duties included:

- ◆ specification and procurement of both the central and remote hardware
- ◆ development and integration of the OnTIME command and control software
- ◆ bring entire system detectors, cameras, intersections and control units online
- ◆ generate system database
- ◆ maintain central and remote hardware and software
- ◆ provide ongoing maintenance of entire facility including hardware software, network and video subsystem.



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