



DEPARTMENT OF PUBLIC WORKS

Project: Town Center Interim Improvements
Contact Person: Derek Doyle, Engineering Division

The “full build” Town Center project, which has been in development for a number of years, will replace the existing traffic signals in their entirety, repave, and provide significant improvements to the Town Center. This project has not advanced due to lack of funding.



“Full Build” Improvements to Town Center developed in 2002-2003

The Town Center Interim Improvements project was developed as a smaller project to address more immediate improvements necessary in advance of the “full build” Town Center project. The existing traffic signal wiring within the Town Center is antiquated and in disrepair. In wet weather, the signals frequently short out and go into a “flashing” mode, which causes traffic problems. The wiring between the Andover Road signal and the Cummings Street signal is not functional, which means the two signals are not coordinated, making traffic progress through the Town Center difficult. There are also no existing provisions for emergency vehicles to make their way through the area.

In February 2008, the project was advertised for construction. Bids were opened on February 27, 2008. Republic Intelligent Transportation Services, Inc. of Billerica was the low bidder and was awarded the contract.



Existing Traffic Controllers to be Replaced



New Controller Installed on Old Foundation

This project replaced the two traffic signal controllers and the signal wiring throughout the existing signal equipment in the Center. Traffic loop detectors have been installed at approaches to signals. The project also provided emergency vehicle pre-emption.

Work on the project began the week of April 14th, 2008 and was completed on May 30, 2008 at a cost of approximately \$135,000.