

BOSTON TRANSPORTATION DEPARTMENT
Specification for Speed Display Sign System

January 31, 2013

The Speed Display Sign System shall include a “YOUR SPEED” sign with an amber LED speed display with 15 inch high digits and corresponding R2-1 speed limit sign mounted on BTD standard pole/pedestal base to be installed to the side of the roadway. A traffic analysis feature shall be included to collect and store speed data sorted by time/date.

Remote sign configuration software shall be included to allow setup of the sign and download of speed data to a laptop to be provided by the user via a Blue Tooth wireless connection.

The system shall display a “Violation Alert” and an optional “slow down” message at user programmed speeds.

Unless otherwise indicated by plans or specifications, the system shall be designed to operate from a 120VAC power source and shall include an electric meter socket and a circuit breaker of appropriate rating. A location without a 120VAC electric service shall include a solar panel and be designed to operate for 30 days without sun.

The system shall be designed to over a temperature range from -30F to + 165F.

Wiring diagrams and manuals shall be supplied for all equipment installed as part of the Speed display sign. Documentation shall involve instructions for set up and troubleshooting of all components in the system.

The speed display sign shall be warranted by its supplier for two (2) years from the date of installation.

Training sessions shall be conducted by the supplier in the setup and troubleshooting of the system. Four (4) hours of training shall be provided during periods to be approved by the Boston Transportation Department Engineer.