

## **DOWNTOWN ROADWAY IMPROVEMENTS FOXBOROUGH, MA**

This project involved the reconstruction of eight streets within or near the central business district around the Town Common including School Street, South Street, Cocasset Street, and Bird Street. Additional roadway segments include: South Street, southerly to Liberty Street; Central Street, southeasterly to Basset Street; Cocasset Street, easterly to Pleasant Street; Mechanic Street and Bird Street, northeasterly to Railroad Avenue; and the full lengths of Liberty Street and Wall Street. A total roadway length of 2.6 km was reconstructed under the contract.



BCG was hired as the surveying consultant for the contract and performed existing condition surveys for the length of the project area. Property line surveys were done in the areas where permanent takings were necessary for the proposed design. The location of underground utilities was a particularly difficult task since the downtown area of the Town has been in existing since the 1700s and numerous modifications were made to the water, sewer, gas and other underground utilities during that period. Many of the changes were not recorded and an extensive research effort was necessary to fit the puzzle together. Cemeteries, historical buildings, and underground cisterns were some of the challenges overcome in the research, surveying and design phases.

In the construction phase, BCG provided the contractor with baseline layout so that construction company crews could reproduce the documents. Layout of drainage, utilities, and curbing were among other tasks performed as well as construction verification surveys to determine quantity of materials. The project design was commenced in 1999, construction commenced in 2002 and was completed in 2008 for a total cost of \$3 million.