## **COUGHLIN ENVIRONMENTAL SER**VICES, LLC

## **PROJECT SUMMARY**

TRANSPORTATION—ROADWAYS

## VARIOUS ROADWAY IMPROVEMENTS, TEWKSBURY, MA

Client: Town of Tewksbury, MA

*Project Manager:* Daniel J. Coughlin, P.E.

This Project Summary represents several individual design and construction projects involving construction, reconstruction, reclamation, resurfacing and re-alignment of existing roadways within the Town primarily under Chapter 90 funding mechanisms. Mr. Coughlin completed these projects prior to

forming CES. Projects involved survey, property line research, utility research and survey, pole relocations, tree removals. The design of new and/or improved drainage facilities, berm and edge work, slope stabilization and special amenities including retaining wall and guard rails. The work involved several contractors over several years involving more than twenty miles of roadway.

Work also involved safety improvements, roadway straightening, some sidewalk and drive upgrades and repairs and intersection design. Signage and crosswalks were also associated with many of the roadways. Special coordination was provided to the Town to ensure that ongoing utility construction projects did not interfere with the roadway work and also to ensure that detour routes for all projects were properly coordinated. Coordination of trucking route, trash collection route, mail routes and school bus route were also conducted to better maintain town services to the effected areas.

The total value of designed facilities was over \$1,500,000.





## **Coughlin Environmental Services, LLC**

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