

INTERSTATE ROUTE 84 – TOPOGRAPHIC SURVEY

Waterbury, Connecticut
Connecticut Department of Transportation



AI Engineers survey assignment was part of a large expressway and bridge design contract for the Connecticut Department of Transportation for the design of widening and improvements to a 2.5-mile section of Interstate Route 84 in Waterbury, Connecticut, with an estimated construction cost in excess of \$250 million dollars.

The assignment included establishing horizontal and vertical controls, research of city records and deeds, utility research coordination with property owners, review of aerial photographic mapping, providing additional topographic survey to field edit the aerial maps, perform bridge surveys, wetland surveys, hydraulic and drainage surveys, locate test pits and soil borings, as well as electronic surface modeling, and prepare completed survey plans.

Following the main survey involvement, AI Engineers, Inc. was then subcontracted for the preparation of approximately fifty right-of-way maps for easements and property acquisitions required for the construction of this project.

SALIENT FEATURES

- Extensive Maintenance of Traffic During Survey Operations
- Roadways Survey Required State Trooper and Crash Truck Coordinator
- Special Surveys for High Rock Slopes
- Extensive CADD Work for Map Preparation

*Project Completed: Present
Construction Cost: \$250 Million*