Inner Loop East Reconstruction
Rochester, NY

RAVI ENGINEERING & LAND SURVEYING, P.C.

PROJECT DESCRIPTION

This New York State Department of Transportation project was for the reconstruction of a segment of the Inner Loop Expressway and its frontage roads, Pitkin and Union streets, for approximately 2/3-mile between Monroe Avenue and Charlotte Street and realignment as a multi-lane surface boulevard. This project included the removal of three bridges.

RE&LS provided terrain data required for design by means of a topographic field survey. Survey data was tied to the City of Rochester coordinate system both horizontally and vertically through ties to the City of Rochester RCS and RTS monumentation. Underground utilities were designated on the ground surface using geophysical prospecting techniques on a portion of the project. Invert measurements for storm and sanitary sewer structures were also recorded. Mapping was produced to NYSDOT CAD Standards using MicroStation. Mapping and digital terrain models were provided for both the roadway and the overhead bridges.

RE&LS performed the survey necessary to accurately determine the right of way in the project area. Survey analysis was performed on the side property lines for the properties involved in acquisition mapping and names of the property owners adjacent to the project were shown on the mapping. Fifteen (15) acquisition maps were prepared to City of Rochester specifications and in accordance with the NYSDOT “Locally Administered Federal Aid Procedures Manual”.

Owner: NYSDOT

Client: Stantec

Services Provided: Land Surveying

Completion Date: 2015