



PROJECT DESCRIPTION

Ravi Engineering & L.S., P.C. provided Structural, Geotechnical and Environmental Services for renovations to Monroe High School, a grade 7 through 12 school constructed in 1921. This is a four-story building with a basement totaling 274,087 square feet of area. The building sits on an 8.32 acre site, has parking, an athletic field and three tennis courts.

The scope of work for this facility included structural design for alterations and reconstruction to approximately 200,000 square feet of building area as well as infrastructure work to repair and replace deficient and outdated systems in the school's physical plant. Interior rehabilitation work included stabilizing the floor structure, removal and replacement of interior finishes, doors, HVAC, plumbing, and electrical systems, and asbestos abatement. Exterior rehabilitation work included window replacement, roof replacement, and masonry rehabilitation.

Environmental and geotechnical work on the building included a limited subsurface investigation and preparation of a specification for removal and disposal of contaminated soil and underground storage tanks at an area for a proposed gym. Fill materials at the proposed site were sampled and tested.

Owner: Rochester City School District

Services Provided: Structural, Environmental and Geotechnical
Engineering Services

Completion Date: 2014