

Project: Dr. Week's Elementary School Renovation

Location: Syracuse, New York

Client: Syracuse City School District

Fee: \$44K

Year: 2008

Work Performed:

- Parking Lot Design
- Exterior Condition Inspection
- Design Surveying
- Base Map Preparation
- Property Line Boundary

Prudent Engineering's staff was retained by the Syracuse City School District to provide civil/site engineering support services for the Dr. Week's Elementary School renovation project. Located at the intersection of Oak and Hawley Streets in Syracuse, New York, the school serves over 700 students. The primary objectives of this project included renovating the school's interior and exterior structural elements; modernizing the campus's pedestrian amenities; and designing a more capacious parking lot to accommodate the school's increasing traffic volumes.

The work scope encompassed a range of services, including conducting design survey and base mapping; developing detailed design plans; conducting on-site soil investigations; utility coordination; developing parking lot designs; and bidding, estimating, and construction support services.

Prudent's survey team was responsible for preparing the design survey and base map; establishing horizontal and vertical project controls; topographic survey; utility location, and design mapping. The design survey encompassed approximately 9.5 acres and included the location of existing features, pavement, buildings, finished floor elevations, and utilities. Utility research included initializing the Dig Safely utility notification, locating surface evidence of utilities in the field, contacting utility companies to obtain maps, and adding the information to the base map.

Prudent's civil/site engineering team's responsibilities included inspecting the school's exterior and surrounding property to evaluate existing structural conditions. This required extensive photo-documentation of the school's windows, paved areas, curbs, sidewalks, stairs, storm drainage system, street signage, pavement markings, and utilities. Prudent's team also provided design support for

developing the school's new parking lot. The successful completion of this project resulted in a newly refurbished, up-to-date educational facility.



Dr. Week's Elementary School