

## Bridge 1400-808, Mill Road over Watnong Brook

Township of Morris | Morris County, NJ



Van Cleef provided Geotechnical and Engineering Services for this Bridge replacement with a prestressed concrete voided slab superstructure with reinforced concrete abutments.

Van Cleef performed test borings and prepared geotechnical engineering analyses for the foundation support.

Work effort included: Structural design of the proposed bridge and wingwalls; Roadway design including alignment and profile; Geotechnical investigation and foundation design; traffic engineering for detour and signing and striping plans; utility coordination and accommodation; topographic survey and right-of-way engineering; preparation and approval of NJDEP permit applications for Freshwater Wetlands General Permit, Flood Hazard Area Individual Permit and Cultural resources.

### CLIENT CONTACT

County of Morris  
Engineering and Transportation  
Morristown, NJ

### PROJECT HIGHLIGHTS

- ☛ Geotechnical Investigation
- ☛ NJDEP Flood Hazard Permits
- ☛ Freshwater Wetlands Permits