

Hempstead Maintenance Facility



Client/Owner: Nassau County Dept. of Public Works

Project Location: Hempstead, NY

GPI is leading a team of engineers and architects to design a state-of-the-art highway maintenance facility for the Nassau County Dept. of Public Works. The scope of work requires the team to provide services for all phases of design, as well as for bidding and construction phase assistance. The project site is approximately 6.5 acres and contains an existing facility of the same purpose. Phasing of the work will be critical to allow operations to continue during construction. The team will employ sustainable techniques throughout the design of the building and site. The County may consider submitting the project for the US Green Building Council's LEED status.

The initial project program includes a garage of approximately 25,000 sq ft to house 45 highway maintenance vehicles, a vehicle repair shop of approximately 7,000 sq ft, office and locker areas of approximately 7,000 sq ft, small equipment storage of approximately 3,000 sq ft, and an indoor vehicle wash bay. The planned site improvements will include new pavement for the operational areas of the site to enhance vehicle flow and provide material containment; storm drainage upgrades; parking for 40 plus cars; a new fueling station for standard and environmentally friendly products such as bio-diesel and compressed natural gas (CNG); a 5,000-ton capacity salt storage structure; outdoor storage areas for various equipment and materials; site lighting; and new fencing and landscaping to secure the site and provide a vegetative buffer for the adjacent neighborhood.

The team will also investigate the re-use of an existing Art Deco concrete shop building that is representative of Long Island's industrial growth during the middle and late 20th Century. Relocation of the site entrance will also be evaluated in an effort to minimize traffic in the adjacent street network and to ease the arrival and departure of County staff.