

## Reconstruction of Bulkhead at Timber Point Police Marina



Coastal and Marine Design, Construction & Maintenance

**Client/Owner:** Suffolk County Dept. of Public Works

**Project Location:** Suffolk County, NY

GPI provided engineering services for the structural assessment of the existing timber navy-style bulkhead and design of new composite sheeting to be installed in front of the existing bulkhead. Work also included an in-depth inspection of the existing structure, including test pits to expose and evaluate the condition of the steel tie-rods, timber walers and dead-man system, design of sheeting, preparation of preliminary plans, specifications and estimate for the contract work. Final design and construction support and inspection were provided, including design of new lighting for the adjacent parking lot and preparation of utility plans and details for utility conflicts as needed.