

Municipal Engineering & Planning

/ayne A. Grube Memorial Park is ${\sf V}$ located on a 200 acre tract of land owned by Northampton County in Allen Township. The park is on the east side of Willowbrook Road and is bisected by East Bullshead Road and the Catasaugua Creek. The site is considered to be an ideal location for a regional park to provide both passive and active recreation for a growing local population.

Hanover Engineering prepared the land development plans and design of the site improvements. Specific services provided include surveying, environmental studies, sewage planning, and NPDES, wetland and waterway encroachment permitting. The project also included the design of a pedestrian underpass crossing East Bullshead Road and two pedestrian bridges crossing the Catasauqua Creek to connect the park's trail system to the existing Nor-Bath Trail.

Hanover Engineering also prepared the bid documents and specifications and provided construction observation for the site improvements.

Phase 1 site improvements consisted of the construction of a parking lot, a shared use bicycle and pedestrian trail, including an underpass for East Bullshead Road, a baseball field, site utilities, and landscaping. Site improvements completed in Phase 2 consisted of the construction of the two bridge crossings at the Catasaugua Creek, as well as construction of three pavilions, two restrooms facilities, a service building, a tot lot, benches, signage at the park entrances, and additional landscaping.

PROJECT DETAILS

- **■** Location Allen Township and East Allen Township, Northampton County
- Client Northampton County
- **■** Completion Date Fall 2011
- Total Project Cost \$6,100,000

