

MCCULLOM PARK STORMWATER IMPROVEMENTS

VILLAGE OF DOWNERS GROVE



CHALLENGE

The Park was experiencing significant stormwater drainage problems. Drainage needed to be improved prior to the installation of new park amenities.

The residential area around the park has a history of flooding during large rain events. The basin will provide additional stormwater capacity to prevent continual flooding.

SOLUTION

The Village of Downers Grove, in partnership with the Downers Grove Park District, wished to improve stormwater drainage at this 5.2 acre park. HLR provided construction observation services for the park improvements. This included construction of the new stormwater drainage basin, relocated sand volleyball and basketball courts with lighting, a new full-sized soccer field, multi-tier modular block retaining walls, storm sewer, fencing, seeding and sodding, and improvements to a 6.5-foot-wide bituminous pedestrian path. The project included extensive site grading including an irrigation system and drainage system.

Our resident engineer was involved in the weekly progress meetings to coordinate work with the Village, the Park District, the materials testing firm, and the contractors. He was the main point of contact with the contractor and the Village residents.

RESULTS

Construction will be complete in 2010.

Benefits of the project will include:

- Increased stormwater capacity
- New tennis courts
- New sand volleyball courts
- New lighting system
- New irrigation system

CONSTRUCTION BUDGET

\$1.28 million

