



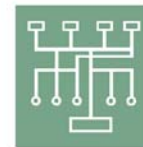
Associates



Engineers



Architects



Systems



Construction
Managers

PLEASANTDALE SUBDIVISION STORM WATER IMPROVEMENT

DUPAGE COUNTY,
ILLINOIS

DUPAGE COUNTY DEPARTMENT OF ENVIRONMENTAL CONCERNS

These two projects involved the design and construction of storm water improvements for the Pleasantdale subdivision in an unincorporated area of southeast DuPage County. A high water table and an inadequately designed system of drainage ditches resulted in flooding problems, as well as problems of standing water in many ditches and on some lots.

The work consisted of the design and construction of 5,000 feet of storm sewer, 6,200 feet of ditch grading, 100 sewer structures, site grading, pavement restoration and landscaping, and development of multiple easement documents.

Drainage design consisted of hydrologic and hydraulic modeling, detention calculations, storm sewer design, ditch capacity calculations, identifying deficiencies and developing preliminary remediation alternatives to alleviate the flooding.

During construction, HOH proposed several minor modifications or additions to the planned work to address specific local problems.

