

# Laurelton Storm Relief and Utility Improvement

## Irondequoit, New York

### PROJECT STATISTICS

**Client:**

Town of Irondequoit

**Construction Cost:**

\$2,900,000

**Completion Date:**

2001



**APWA Project of the Year Award Winner**

### SERVICES PROVIDED

- Grants Administration
- Public Participation Program
- Hydraulic Analysis
- Grading
- Drainage
- Utility inventory
- Cost Estimates
- Specifications
- Construction Inspection
- Right-of-Way Acquisition Traffic
- Public Participation Program
- Survey

The Laurelton area storm sewer system was deteriorated and undersized. Residents were accustomed to frequent flooding and sewer backups into their basements.

- Our design diverts 1/3 of the upstream drainage area through a series of large diameter storm sewers ranging from 24" to 66"x51" arch pipe around the flood prone areas.
- Several different pipe installation methods were utilized including micro-tunneling, pipejacking and boring.
- Deteriorated sanitary sewers and laterals were replaced.
- Water mains and services were replaced through an inter-municipal agreement with Monroe County Water Authority.
- The project used State Revolving Loan funds.
- The project received the American Public Works Association "Project of the Year" for 2001.

