



# FAIRMONT PARK FLOOD DAMAGE REDUCTION PROJECT



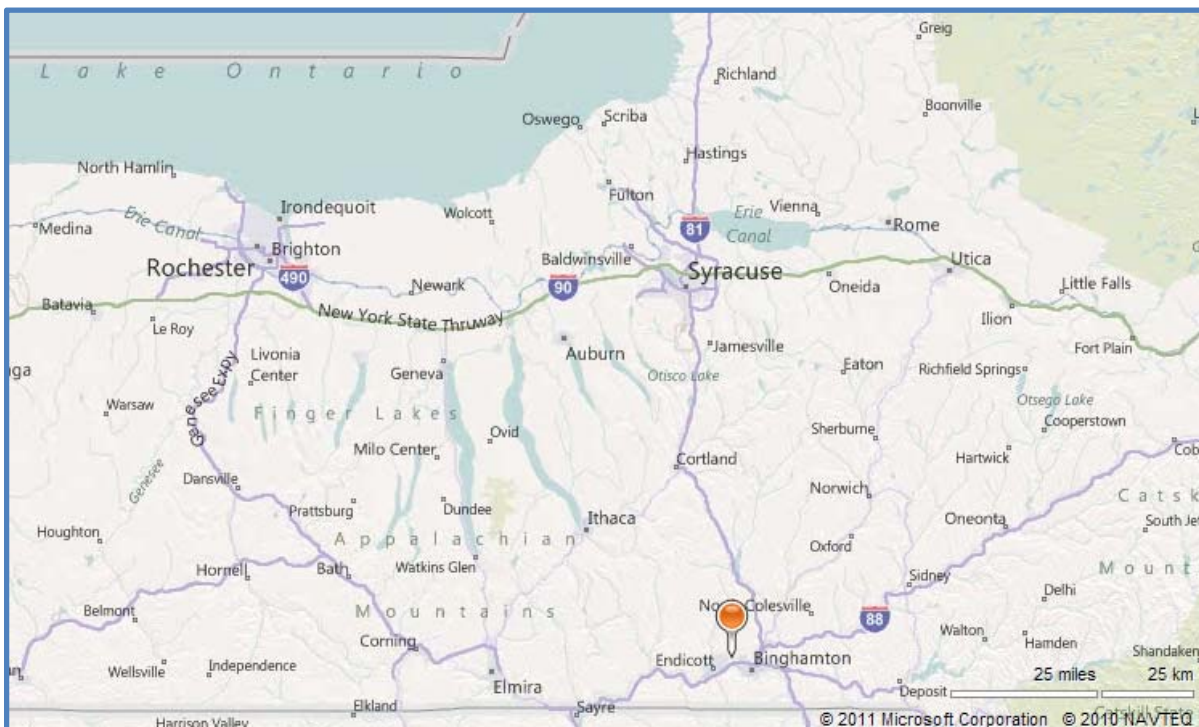
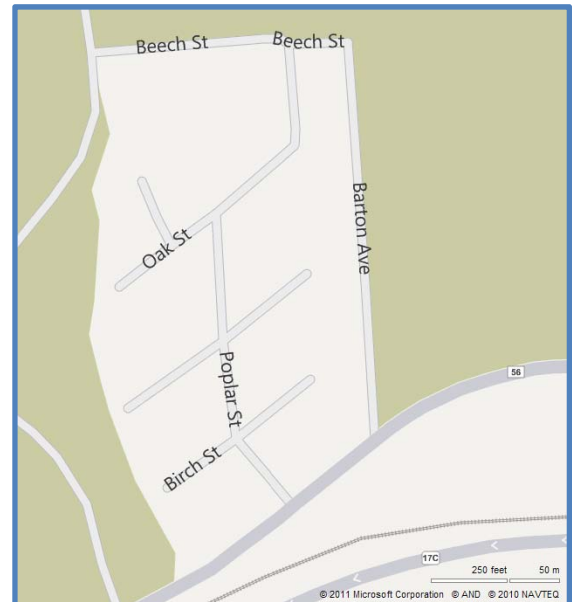
*Department of  
Environmental Conservation*

*Operated and Maintained by: **The Town of Union***

**Region 7 Counties:** *Broome,  
Cayuga, Chenango, Cortland,  
Madison, Onondaga, Oswego,  
Tioga, Tompkins*

## PROJECT LOCATION

The project is located in the Fairmont Park neighborhood in the Town of Union, New York. It is on the north side of the Susquehanna River in Broome County, near the Pennsylvania border and lies within the Susquehanna watershed and Baltimore Corps District.



## PROJECT DESCRIPTION

The project supplements the combination of project built by the US Army Corps of Engineers (USACE) for the group of projects collectively known as the Endicott, Johnson City, and Vestal Project.

Unlike the federally cost shared flood projects in the low areas of the Endicott, Johnson City, and Vestal area just to the south, the Fairmont Park Project was not initially constructed by the USACE. The flood project was constructed entirely with local and state funds, and is maintained by the Town of Union and inspected annually by New York State Department of Environmental Conservation.

The project consists of three berms around the Fairmont Park Development, a Pump Station, a Stop Log Structure, an Overflow Channel and a combination of several drainage pipes. The three berms are on the west northeast and easterly directions from the Fairmont Park Development:

- The longest berm is due west of the development and runs parallel to Homestead Road, and ends with its southern edge just past Watson Boulevard.
  - There is a stoplog structure at this crossing point of Watson Boulevard, with concrete retaining wall on either side of the street, and a nearby stop log storage building storing the actual stop log which would be placed in the road in the event of a flood.
  - Near the midpoint of this berm there is a pump station which may be used to pump high waters in to a drainage conduit which goes through and under the berm, and releases the water into the golf course on the unprotected side of the berm.
- The shortest of these berms is due east of the Fairmont Development Park and fills a gap between a naturally high area near the Country Club parking lot and the actual development, protecting a portion of the development from possible overflow from Grey's Creek
- Further to the south and east, a third berm separates an open area near the Country Club tennis courts from a protected storage tank area.
  - There is an overflow channel to assist in minimizing the flooding of businesses along Watson Boulevard, including the IBM Country Club and tank storage area from flooding of Grey's Creek during high water events.
  - At the channel's south end a 36" RCP drains into the channel from a ponding area.
  - At the southern end, the channel drains into a 7" by 10" box culvert the water to its outlet at the Susquehanna River.
- A network of CMP conduits lead from the Fairmont Development Park to both the golf course via the pump station and berm, and also south to the channel.

## **COST**

The New York State 1985 budget allotted \$750,000 in assistance to the Town of Union for construction of the flood project around Fairmont Park. The estimated total project cost was \$1,340,328.

## FAIRMONT PARK - GENERAL PLAN





## FAIRMONT PARK – BIRD’S EYE VIEW



## FAIRMONT PARK – GENERAL PLAN AND AERIAL MAP OVERLAY

