



HORSEHEADS FLOOD DAMAGE REDUCTION PROJECT



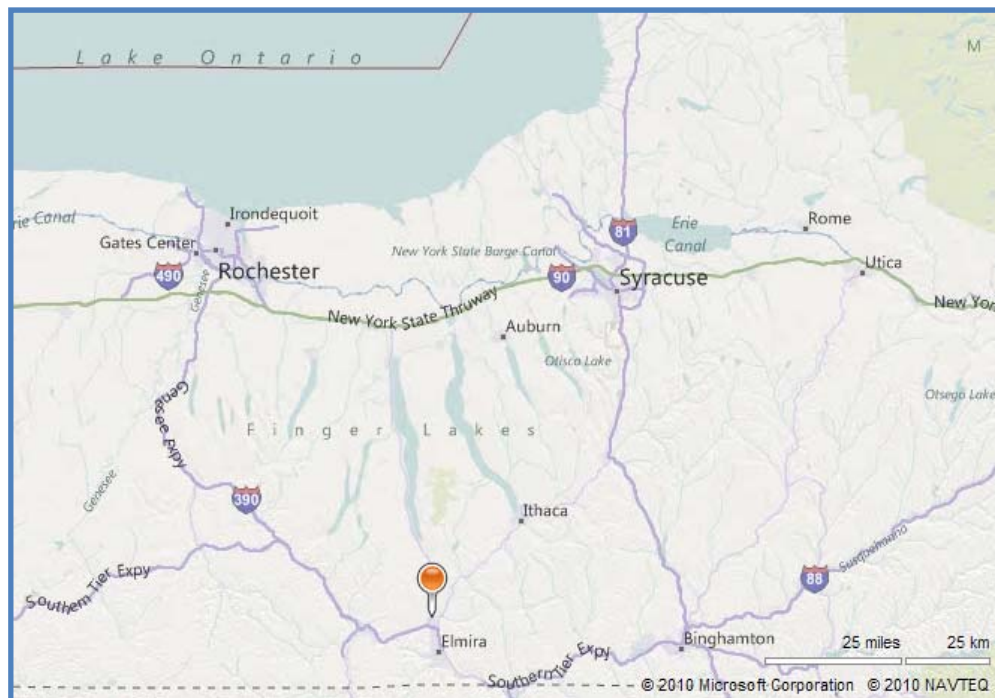
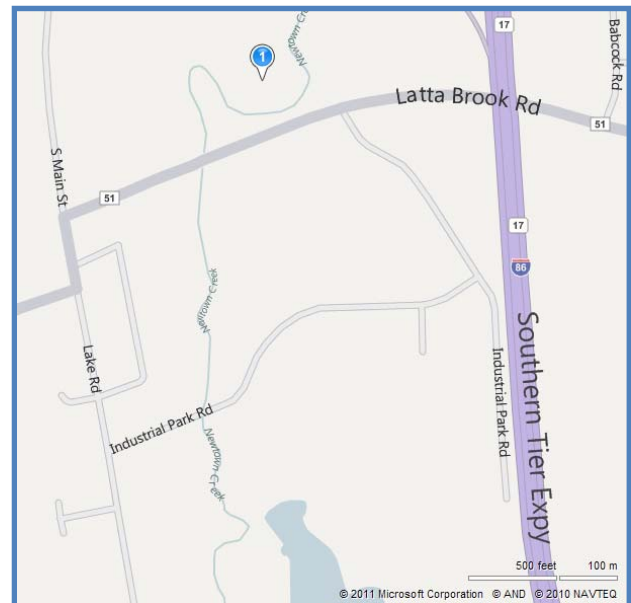
*Department of
Environmental Conservation*

Operated and Maintained by: The Town of Horseheads

Region 8 Counties: Chemung,
Genesee, Livingston, Monroe,
Ontario, Orleans, Schuyler,
Seneca, Steuben, Wayne, Yates

PROJECT LOCATION

The Town of Horseheads is located near the center of Chemung County immediately north of the City of Elmira. Elmira is 6 miles north of the Pennsylvania/New York border, about 60 miles east of Buffalo. The project is located adjacent to Latta Brook Road.



PROJECT DESCRIPTION

The main project consisted of reconstruction and protection with 630 feet of riprap on the streambank along the left bank of Newton Creek.

This reach of the stream has a low bank. Therefore, repair and protection of the streambank was small in section, limited to the left bank. The repaired stream bank protects a 6 inch gas line, a sewer line, a fence, and Latta Brook Road. The gas line serves 76 residential customers and 1 industrial user with the sewer line serving 89 locations. The project serves to protect these vital utilities. The USCOE determined the project to have a 15:1 Benefit: Cost Ratio

AREA DESCRIPTION

Newtown Creek flows generally to the west and then southerly through the Town before discharging into the Chemung River at Elmira. It has a drainage area of 77.5 square miles at the USGS gage in Elmira, 1.5 miles south of the town boundary. The watershed is located in the glaciated Allegheny Plateau with a topography that is gentle to moderate. Elevations range from about 835 to 1,850 feet above mean sea level.

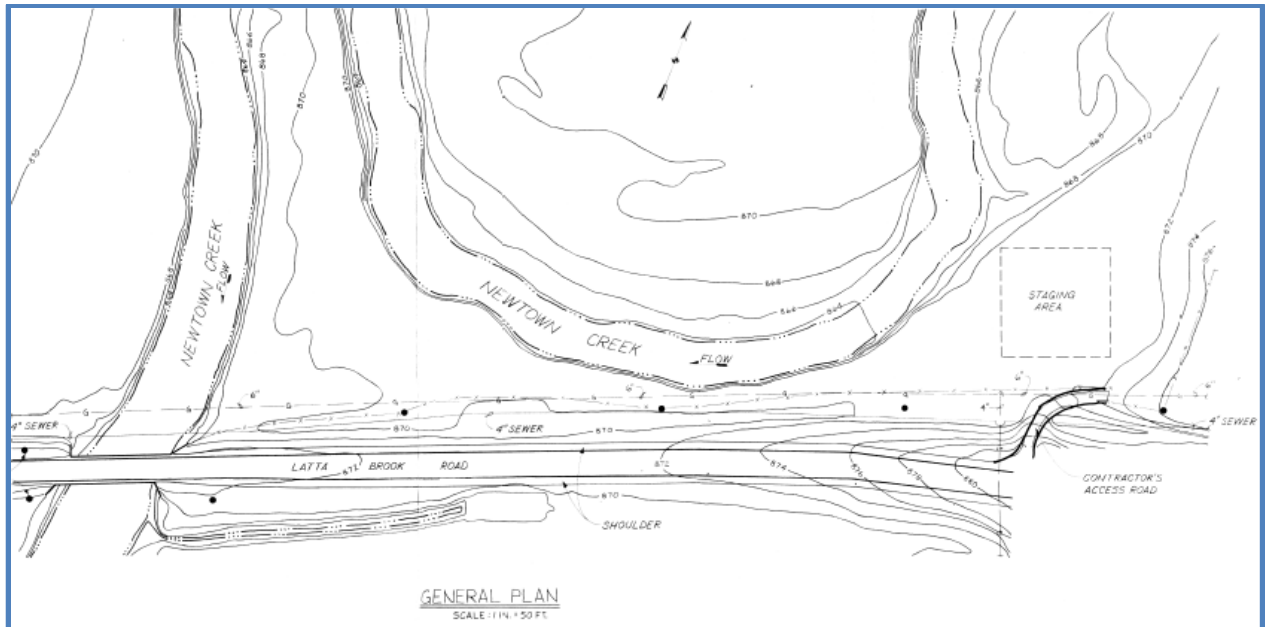
AUTHORIZATION

Under Authority of Section 14 of the Flood Control Act of 1946, as amended, the Chief of Engineers, on December 10th, 1982, approved construction of the stream bank stabilization plan for streambank erosion control on Newtown Creek, Horseheads, New York in accordance with the Reconnaissance Report on such improvements.

CONSTRUCTION

The project was completed in 1983. The Federal cost was \$168,000 and the State cost (land) was \$2,000.

HORSEHEADS – GENERAL PLAN



HORSEHEADS – BIRD’S EYE VIEW



HORSEHEADS – GENERAL PLAN AND AERIAL MAP OVERLAY

