



CONESUS FLOOD DAMAGE REDUCTION PROJECT



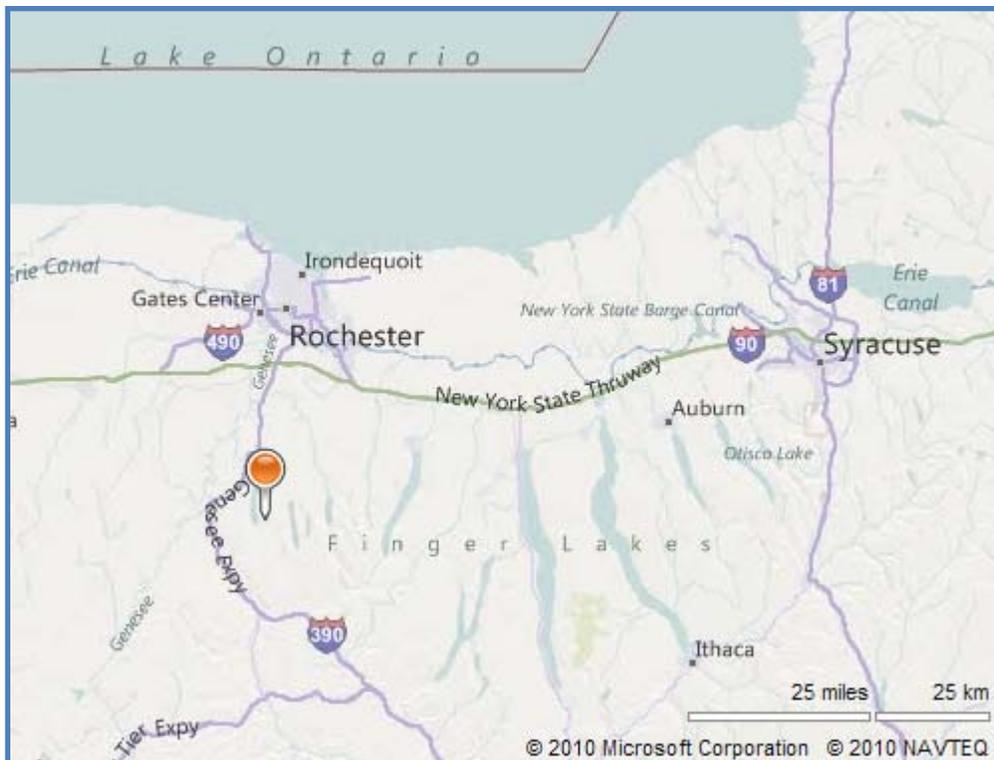
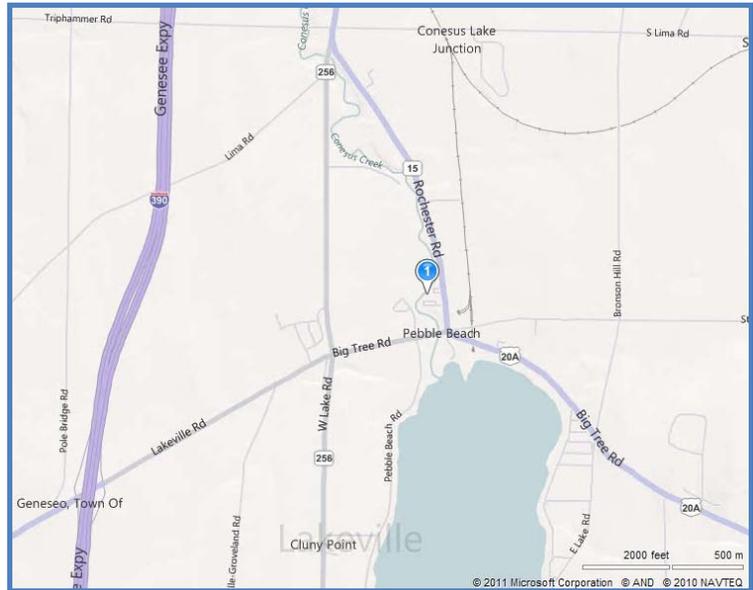
*Department of
Environmental Conservation*

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

PROJECT LOCATION

The Conesus Lake basin consists of an area of 69 square miles, including the lake surface, which drains through Conesus Creek, through the Conesus Lake outlet to the Genesee River. The basin is a north-south trending valley, roughly rectangular in shape having an average width of about 6 miles and a length of about 17 miles.

Operated and Maintained by: The Town of Livonia



PROJECT DESCRIPTION

The project consists of the following work:

- Approximately 1,120 feet of a 60-foot wide channel improvement upstream of the Route 20A Bridge to Conesus Lake.
- Approximately 5,440 feet of a 35-foot wide channel improvement downstream of the Route 20A Bridge.
- Immediately upstream of the Route 20A Bridge is the control structure for maintaining Conesus Lake levels. The control structure consists of eleven 5-foot high by 6-wide aluminum slide gates attached to H-piles, with steel sheet pile sidewalls that attach to the existing bridge wing-walls.
- Immediately downstream of the control structure, the channel bottom is paved with 12-inch thick concrete blocks.
- The earth slopes immediately downstream of the Route 20A Bridge and upstream of the control structure, and are covered with 12-inch thick grouted riprap.
- Approximately 220 feet of the 60-foot wide channel slopes starting at Conesus Lake are covered with 12-inch thick riprap.
- Recreational facilities include a launching platform for car top boats, access path, and a gravel parking lot on the left bank of the 60-foot wide channel approximately 420 feet from Conesus Lake.
- At the south end of Conesus Lake, a northern pike spawning mitigation area of approximately 10 acres was constructed.

AUTHORIZATION

Construction of flood protection improvements on the Conesus Lake outlet in Livingston County, New York, was approved by the Director of Civil Works, U.S. Army corps of Engineers, on July 22nd, 1985 under the special continuing flood control authority provided by section 205 of the Flood Control Act of 1948, as amended.

PROTECTION PROVIDED

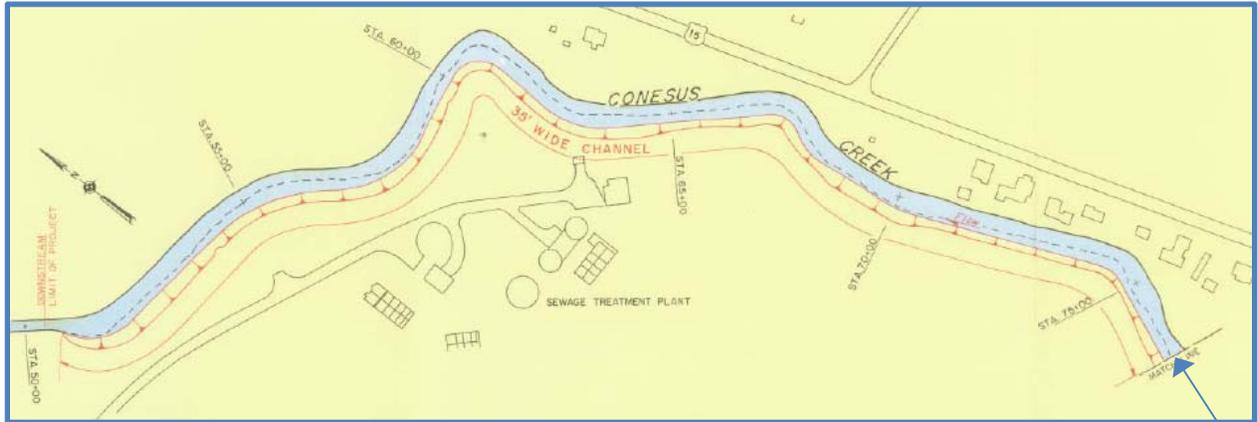
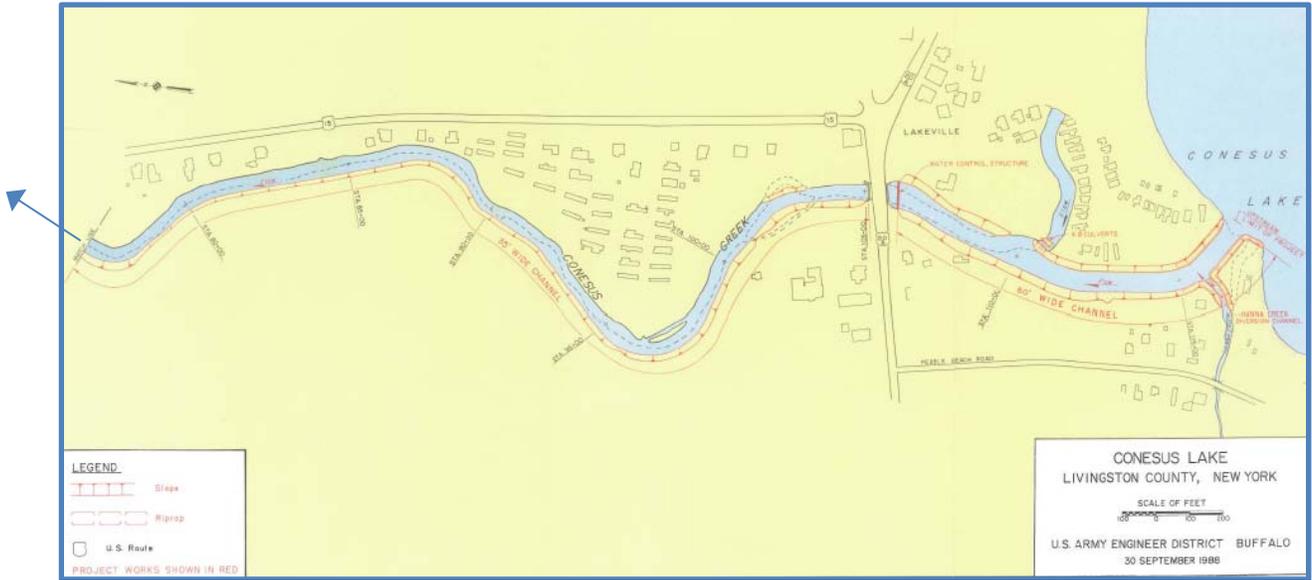
The project was designed to provide protection from floods with an average recurrence interval of 25 years with a discharge of 1,000 cubic feet per second (c.f.s.). A flood of this magnitude has a 4% chance of occurring in any given year.

CONSTRUCTION

Construction of the project was initiated by contract in August 1986 and completed in June 1988. The prime contractor was Hey's Enterprises Inc. of Rushville, New York. The project was given its final inspection for acceptance by local interests on November 9th, 1988.

The work was done under the direction of the Buffalo district Corps of Engineers under construction contract No. DACW49-86-0030 dated August 8th, 1986. Total contract cost was \$1,098,134.

CONESUS - GENERAL PLAN



CONESUS – BIRD’S EYE VIEW



CONESUS - GENERAL PLAN AND AERIAL MAP OVERLAY

