



# HAMMONDSPORT FLUME FLOOD DAMAGE REDUCTION PROJECT



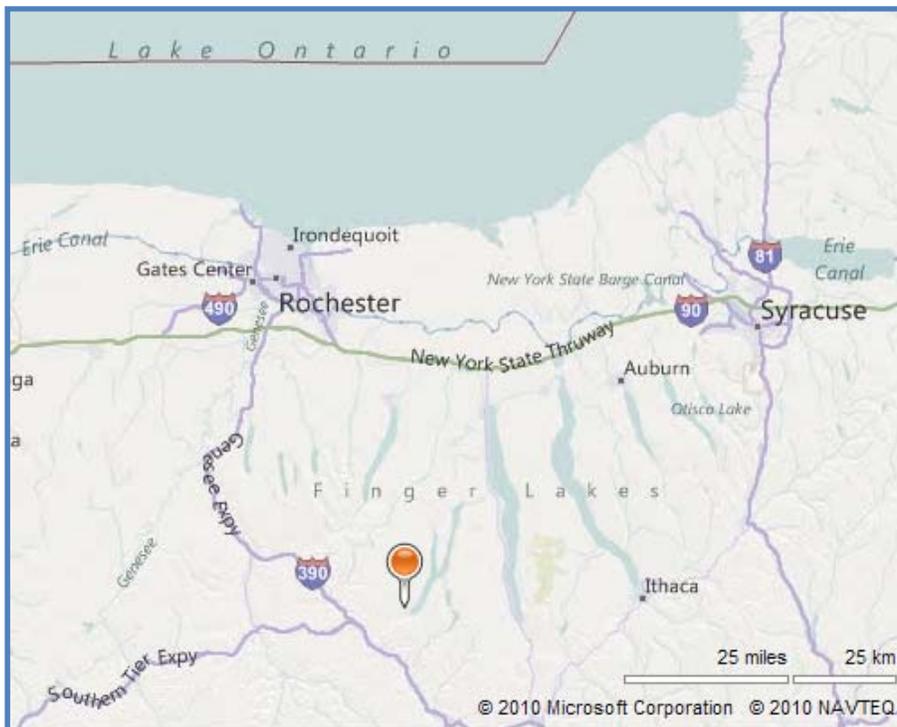
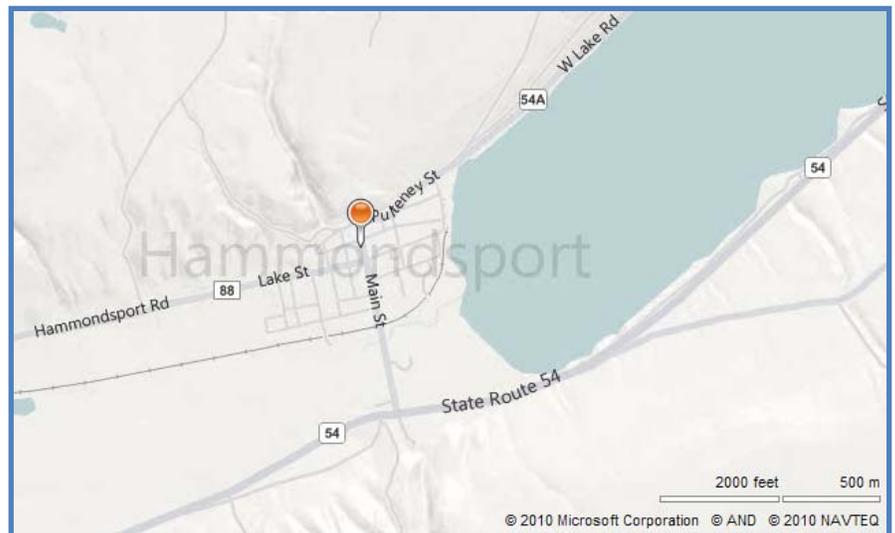
*Department of  
Environmental Conservation*

*Operated and Maintained by: New York State*

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

## PROJECT LOCATION

The Village of Hammondsport is located on a slope at the head of Keuka Lake in Steuben County, New York. Glen Brook enters the Village from the northwest and flows through a deep gorge.



Glen Brook originally continued in a straight line across the valley to enter Keuka Inlet. At some time in the past it was diverted at right angles along the foot of a hill to Keuka Lake. In 1936, a concrete flume was constructed with relief funds along the diverted route from the mouth of the gorge to the lake.

## **PROJECT DESCRIPTION**

The concrete flume is on a steep slope which caused erosion of the center of the flume by gravel and boulders carried through it at high velocity. The reinforcing was exposed for a considerable length and in several places holes had been worn entirely through the bottom. At these points the foundation material had been eroded and the walls threatened.

The work accomplished by the Corps of Engineers consisted of repairing the existing concrete flume by removing a strip of the damaged pavement along the approximate center line of the flume and replacing it with a new 10-inch concrete pavement, repairing wall joints and repairing other portions of the floor as deemed necessary.

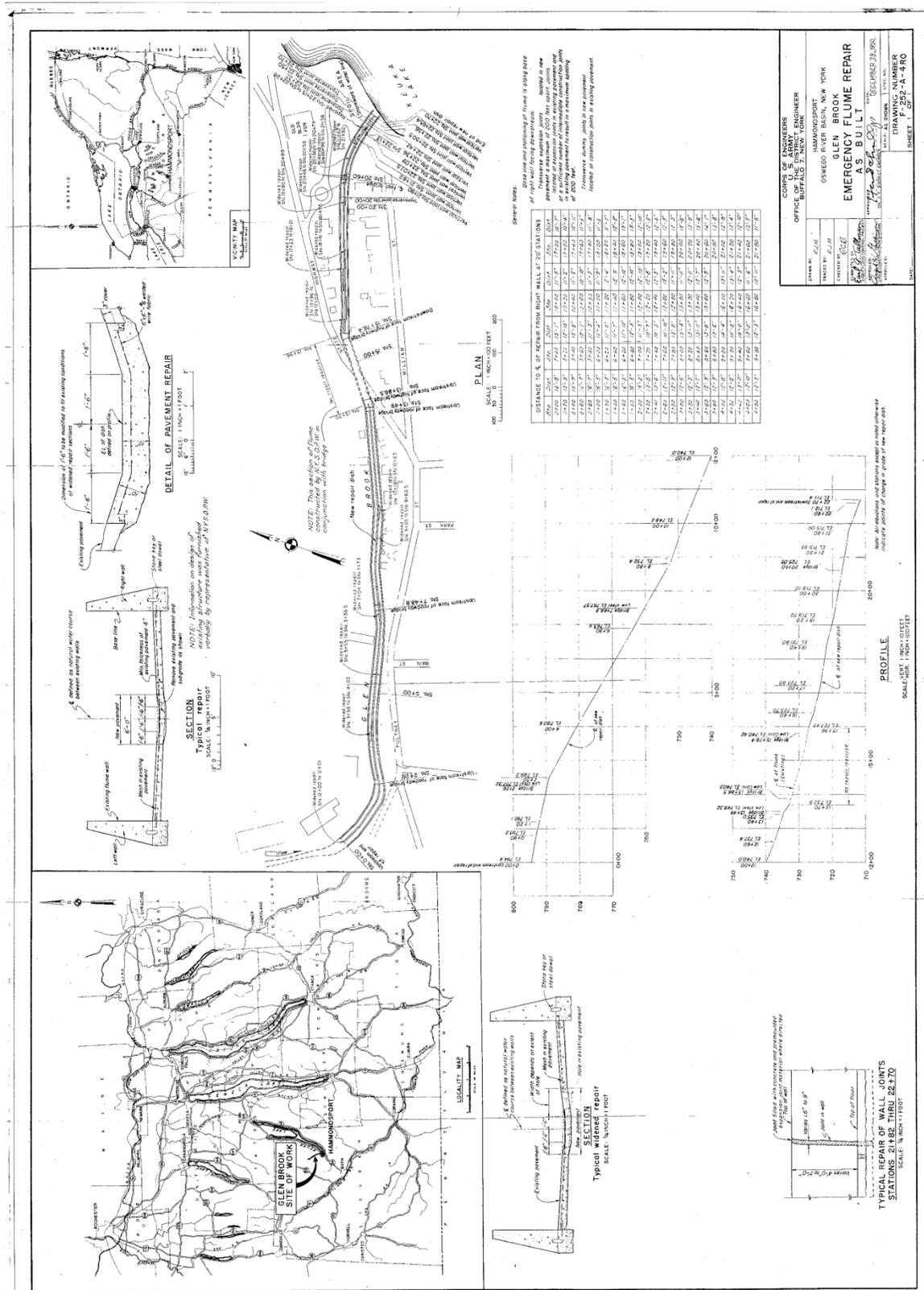
## **AUTHORIZATION**

Section 5 of the Flood Control Act of 1941 (Public Law 228, 77<sup>th</sup> Congress, 1<sup>st</sup> Session) as amended, authorized the Secretary of the Army to expend funds for maintenance or repair of any flood control work threatened or destroyed by flood. The emergency repair of the concrete flume was authorized by letter dated November 3<sup>rd</sup>, 1949, from the Office, Chief of Engineers, and funds for the work were made available by the Secretary of the Army.

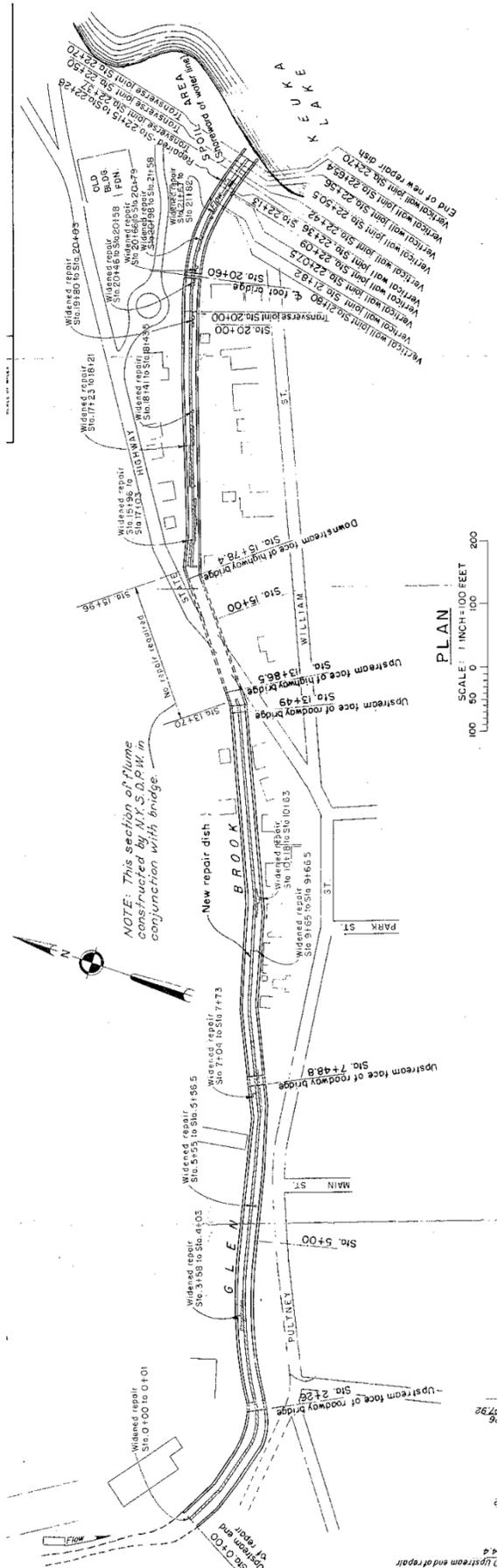
## **REPAIR WORK HISTORY**

Contract for repairs to the flume was awarded to A.L. Blades & Sons of Hornell, NY on April 1<sup>st</sup>, 1950. Due to the nature of the work the repairs could not be made until the “dry season”. Contract operations commenced on August 8<sup>th</sup>, 1950 and were completed on November 17<sup>th</sup>, 1950.

# HAMMONDSPORT FLUME - EMERGENCY FLUME REPAIR



# HAMMONDSPORT FLUME - GENERAL PLAN



## HAMMONDSPORT FLUME – BIRD’S EYE VIEW



