



HERKIMER FLOOD DAMAGE REDUCTION PROJECT



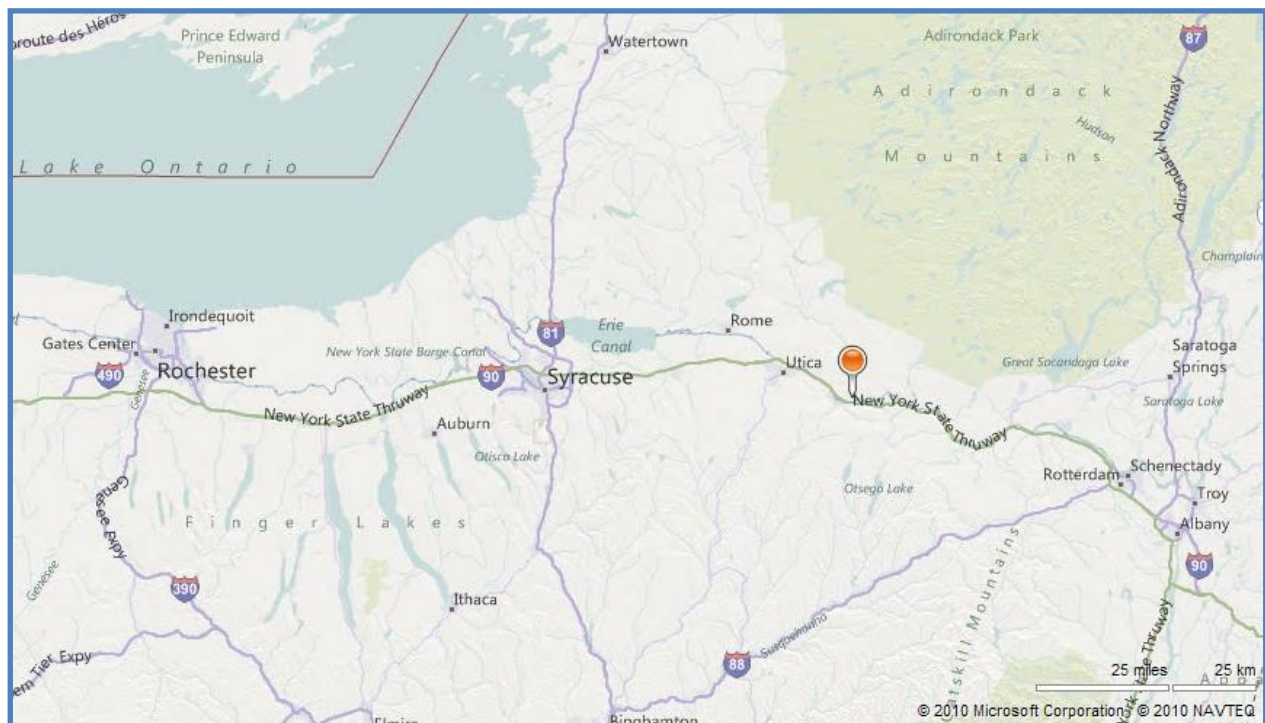
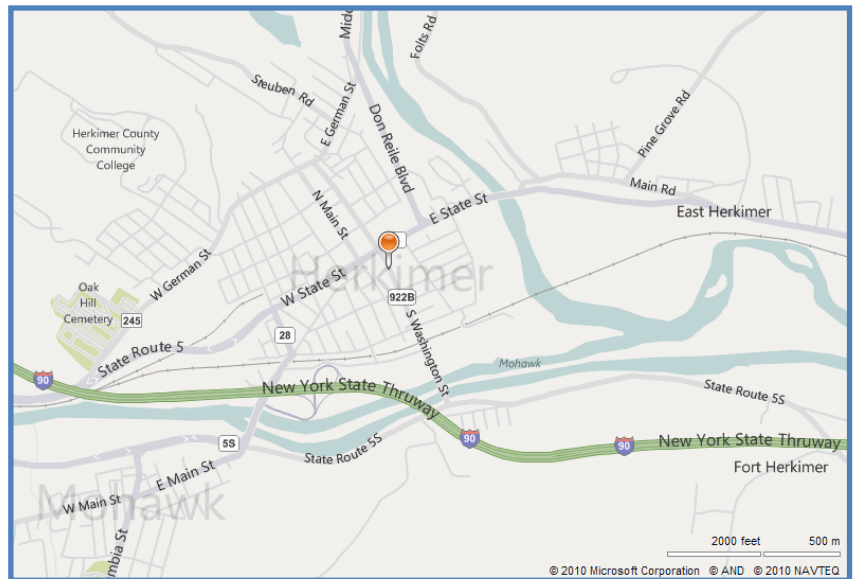
*Department of
Environmental Conservation*

Region 6 Counties: *Herkimer,
Jefferson, Lewis, Oneida, St.
Lawrence*

Operated and Maintained by: The Village of Herkimer

PROJECT LOCATION

The project area is located on the Mohawk River in the Village of Herkimer, Herkimer County, in East Central New York State. The improvement works extend along the left bank of Bellinger Brook, the left bank of the Mohawk River and along the right bank of West Canada Creek.



PROJECT DESCRIPTION

The protective works extend approximately 12,800 feet with 2,900 feet along the left bank of Bellinger Brook, 6,900 feet along the Mohawk River (including the New York State Thruway and Thruway Access Road) and 3,000 feet along the right bank of West Canada Creek.

The improvements consist as follows:

- Clearing and snagging of Bellinger Brook along the channel bottom and left bank from station (3 – 56) to the inlet of the culvert under New York Route 5.
- The construction of earth levees along Bellinger Brook, the Thruway Access Road, Mohawk River, and West Canada Creek.
- A blanket levee along the east slope of the existing railroad embankment running parallel to West Canada Creek.
- Gravel blankets on the New York State Thruway embankments.
- Closure structures across the New York Central Railroad spur line near the Bellinger Brook crossing, and across Mohawk Street at its intersection with the New York State Thruway
- Control gates along the hydraulic canal.
- Two pump stations, ponding areas, access roads, culverts, ditches, catch basins, and appurtenant drainage works.
- The removal of an existing plank deck bridge and pier.
- The raising of the road where South Washington Street crosses the protective works.
- An extension to the existing concrete wing walls of the multiple span railroad bridge crossing the West Canada Creek.
- The addition of new concrete wing walls to the existing stone masonry pier, which supports one end of the riverside steel truss at the South Washington Street crossing of the Mohawk River.
- The relocation of a portion of South Marginal Road.

AUTHORIZATION

The Flood Protection Works in the Mohawk River Basin at Herkimer, New York was authorized by congress in the Flood Control Act (Public Law 85-500, 85th Congress) approved July 3rd, 1958, to be constructed substantially in accordance with the recommendations of the Chief of Engineers in his report dated October 19th, 1956, which report is contained in House Document No. 172, 85th Congress, 1st Session.

PROTECTION PROVIDED

The improvement works are designed to protect the low area of the Village of Herkimer against a flood of:

- 33,800 c.f.s. on the Mohawk River upstream of the junction with West Canada Creek, with coincidental discharges of 21,800 c.f.s. on West Canada Creek,
- 55,600 c.f.s. on the Mohawk River downstream of its junction with West Canada Creek, and of 515 c.f.s. on Bellinger Brook.

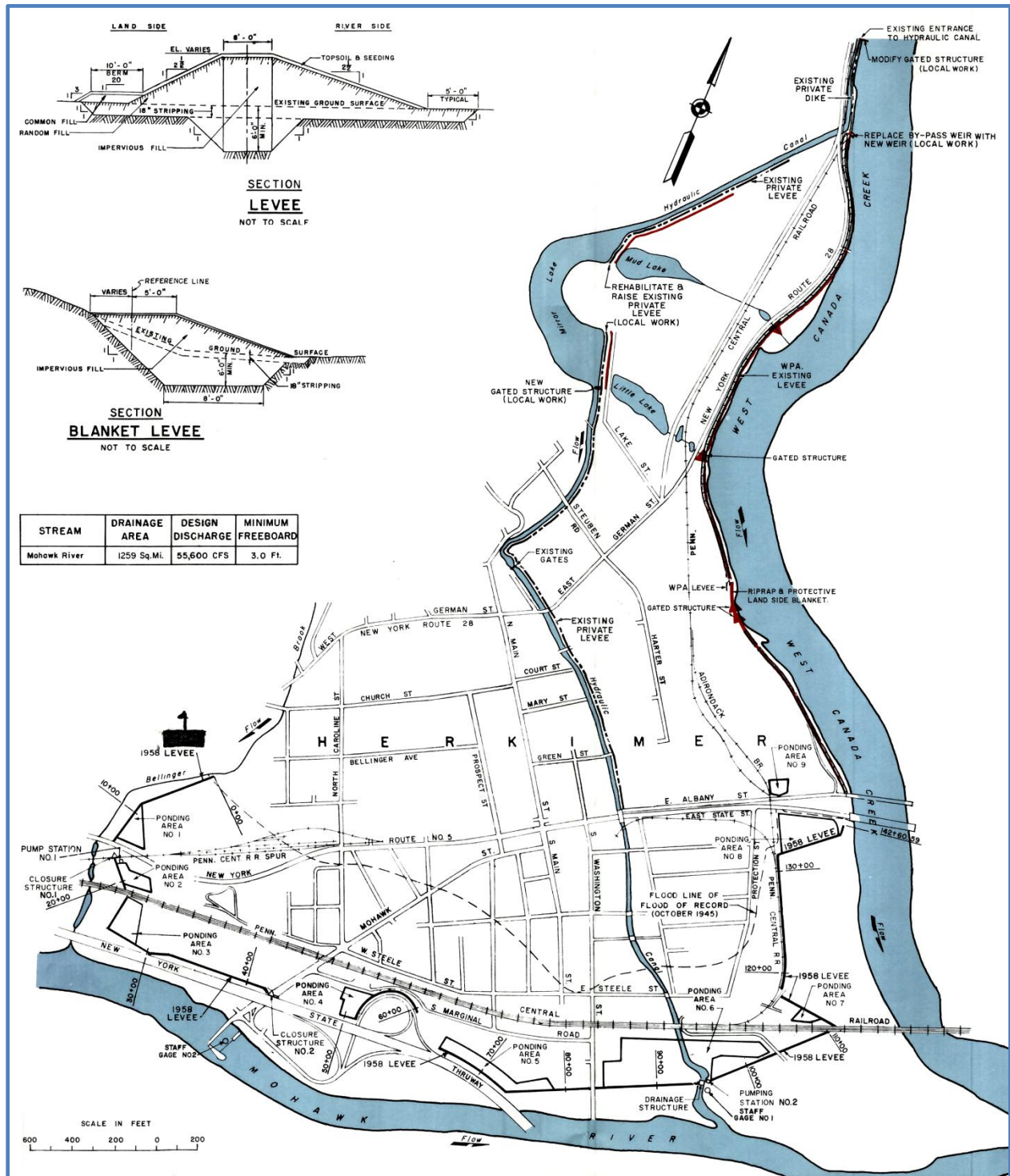
At the time of Project construction, the design discharge of 33,800 c.f.s. was 35 percent greater than the peak discharge during the October 1945 flood, the largest of record. The design discharge was also 33 percent of the standard project flood for a storm centered over the Mohawk River, including the West Canada Creek. The freeboard for levees is a minimum of 3 feet above the water surface for the design flow.

Although it is customary to provide a minimum debris clearance of 3 feet below the low point of all bridge structures, this project was authorized with no minimum debris clearance at two bridges; the Washington Street Bridge over the Mohawk River, and the New York Central Railroad Bridge over the West Canada Creek.

CONSTRUCTION

Construction plans and specifications for the project were issued on February 28th, 1962. Bids were received on April 4th, 1962 and Contract No. DA 30-075-CIVENG-62-112, dated May 18th, 1962 was awarded to the low bidder; Servidone Construction Corporation, of Schenectady, New York. Construction work was initiated on June 4th, 1962 and was completed in September 1964.

HERKIMER - GENERAL PLAN



HERKIMER – BIRD’S EYE VIEW



ERKIMER - GENERAL PLAN AND AERIAL MAP OVERLAY

