



PORTVILLE FLOOD DAMAGE REDUCTION PROJECT



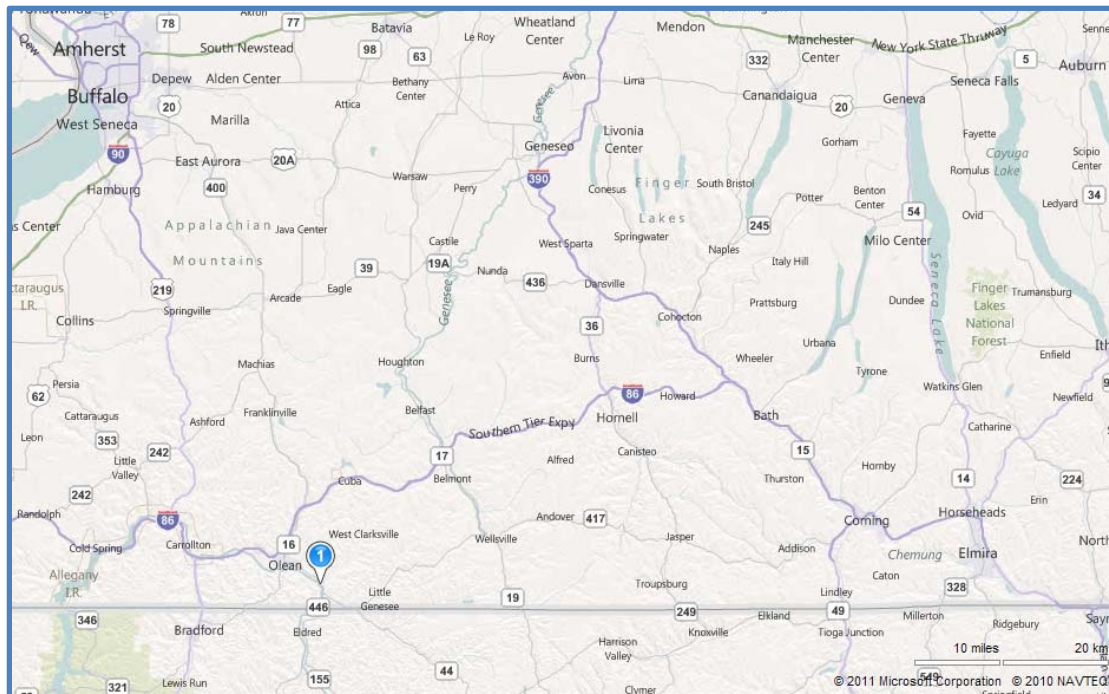
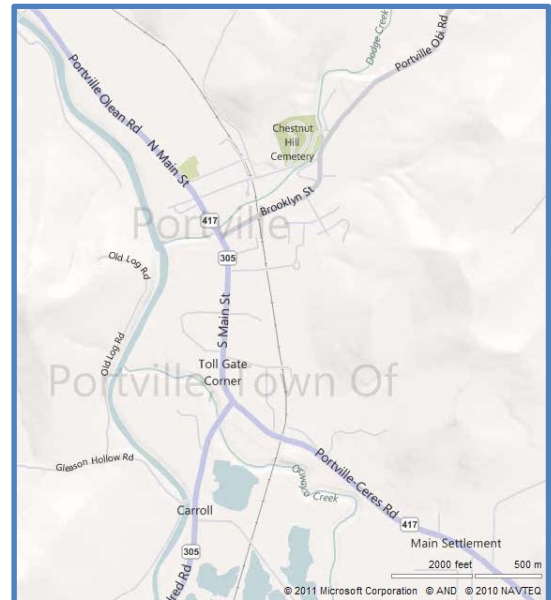
*Department of
Environmental Conservation*

Operated and Maintained by: New York State

Region 9 Counties: Allegany,
Chautauqua, **Cattaraugus**, Erie,
Niagara, Wyoming

PROJECT LOCATION

The project is located on the Allegheny River, Oswego Creek and Dodge Creek in the Village of Portville, Cattaraugus County, New York.



PROJECT DESCRIPTION

The project consists of the following improvements and structures:

- Approximately 23,400 linear feet of earth dike constructed along the right bank of the Allegheny River, both banks of Dodge Creek, and along the right bank of Oswego Creek.
- 550 linear feet of concrete flood walls.
- A miter gate structure for the closure of State Highway Route 16 at Oswego Creek.
- A new pumping station on the right bank and near the mouth of Dodge Creek.
- Gravity drainage culverts at Lillibridge and Dodge Creeks.
- A 36-inch pressure conduit for drainage of the ponding area on the right bank of Oswego Creek located at the upper end of the project.
- The enlargement or extension of drainage conduits through the dikes.
- The construction of new drainage outlets, drainage ditches, relief wells, and relief trenches.
- The removal of existing sewer pipes and installation of new sewers, and the installation of a new sanitary sewer outlet to handle the discharge from a future wastewater treatment plant.
- Construction of self-draining ponding areas.
- Construction of approximately 295 linear feet of curb wall along State Highway 305 on the left bank of Dodge Creek.

AUTHORIZATION

The Flood Protection Project for Portville, New York, was constructed under the authority of Flood Control Act, Public Law 526, 79th Congress, 2nd session, H.R. 6597, approved July 24th, 1946.

PROTECTION PROVIDED

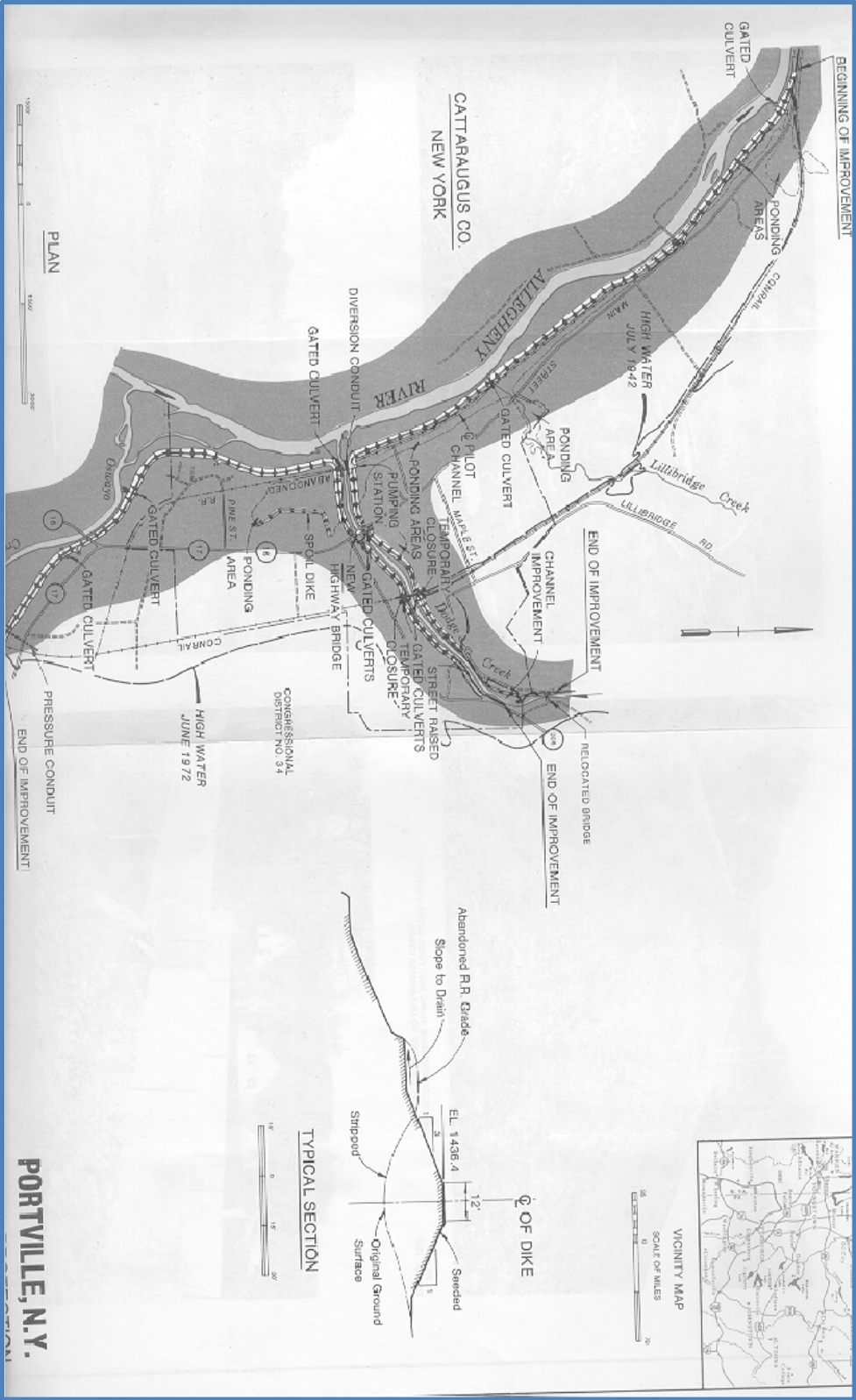
The project will provide protection for the Village of Portville from floods not exceeding the maximum of record (July 1942) and will be accomplished by the following:

- Exclusion of flood discharges of Dodge Creek from the Village by confining the water to the creek channel within dikes between the intersection of Fairview Street and Brooklyn Street on the left bank and Temple Street on the right bank and the Allegheny River,
- The exclusion of flood discharges from Oswego Creek and the Allegheny River from the village by confining the water to the channel of the creek and river by dikes on the right bank of the creek and river.
- Disposal of runoff of Lillibridge Creek during flood periods by diversion and pumping into the river from the pumping station.
- Disposal of runoff behind the dikes at Dodge Creek during flood periods by diversion and pumping into the river from the pumping station
- Collection of local surface runoff during flood periods in selected ponding areas, with provision for automatic drainage of this water into the river after return of river stage to normal.

CONSTRUCTION

The construction of the project was divided into units for construction purposes. Construction of Unit One was initiated July 21st, 1949 and the final unit was completed in November 1951.

PORTVILLE - GENERAL PLAN



PORTVILLE – BIRD’S EYE VIEW



PORTVILLE – GENERAL PLAN AND AERIAL MAP OVERLAY

