



OLEAN FLOOD DAMAGE REDUCTION PROJECT



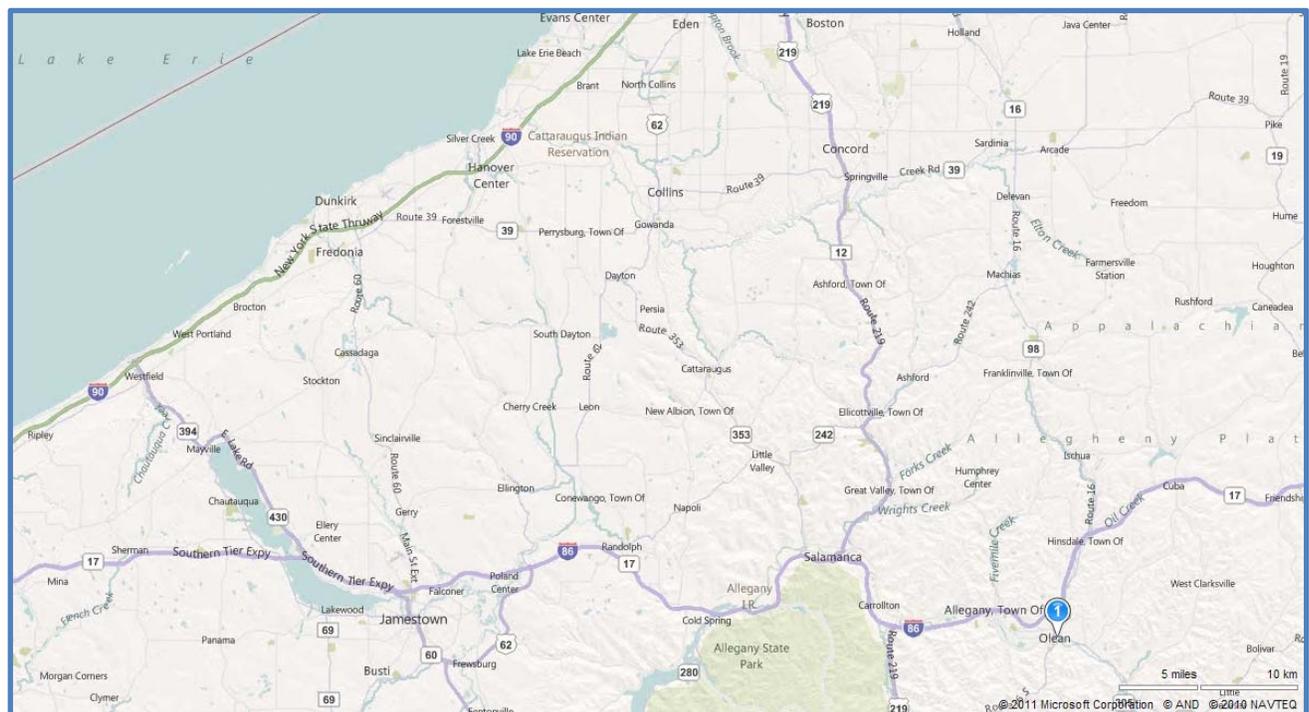
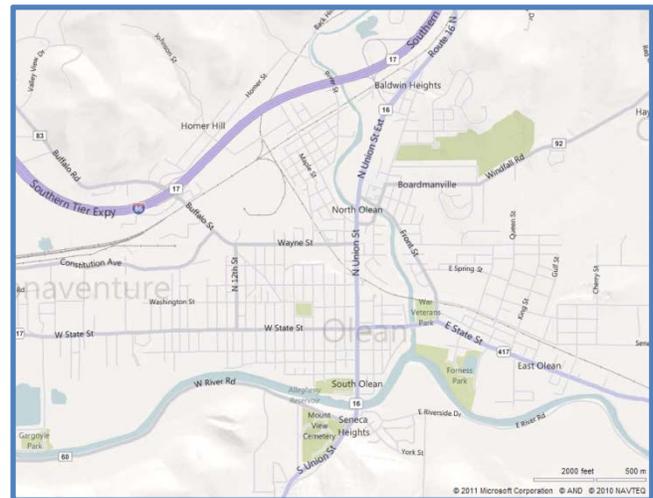
*Department of
Environmental Conservation*

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 and Olean Creek, in the City of Olean, Cattaraugus County, New York.



PROJECT DESCRIPTION

The project consists of the following principal improvements and structures:

- Approximately 7,000 linear feet of new dike and approximately 32,000 linear feet of enlargement of existing dike constructed along the north bank of the Allegheny River and along both banks of Olean Creek.
- 2,790 linear feet of concrete flood walls constructed at locations where lack of space precluded the construction of earth dike
- Three stoplog structures for railroad closures; two where the Pennsylvania Railroad crosses Olean Creek, and one at the Olean Tile Company
- A new pumping station and an enlarged gravity culvert at the outlet of Johnson Brook, and a new pumping station and gravity culvert at the outlet of Kings Brook.
- A reinforced concrete chute at Kings Brook from the Pennsylvania Railroad crossing to the Pennsylvania Railroad crossing.
- A gravity outlet culvert at Two Mile Creek
- The enlargement or extension of drainage conduits through the dikes; the construction of new drainage outlets, drainage ditches, relief holes, and relief trenches where required;
- The removal of existing sewer pipes and installation of new sanitary sewers with the installation of bypass lines at the existing sewage treatment plant pumping station, Shawmutt Y pumping station, and 4th Street pumping station.
- Construction of self-draining ponding areas.

The 2-Mile Creek, the Shawmutt Y, South 4th Street, and South 19th Street Pumping Stations, and the sewage disposal plant at South 19th Street, all previously constructed by the City, are an integral part of the protection project and must be operated in conjunction with the works constructed by the Federal Government for the protection of the Town during flood periods.

AUTHORIZATION

The Flood Protection Project for Olean, 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

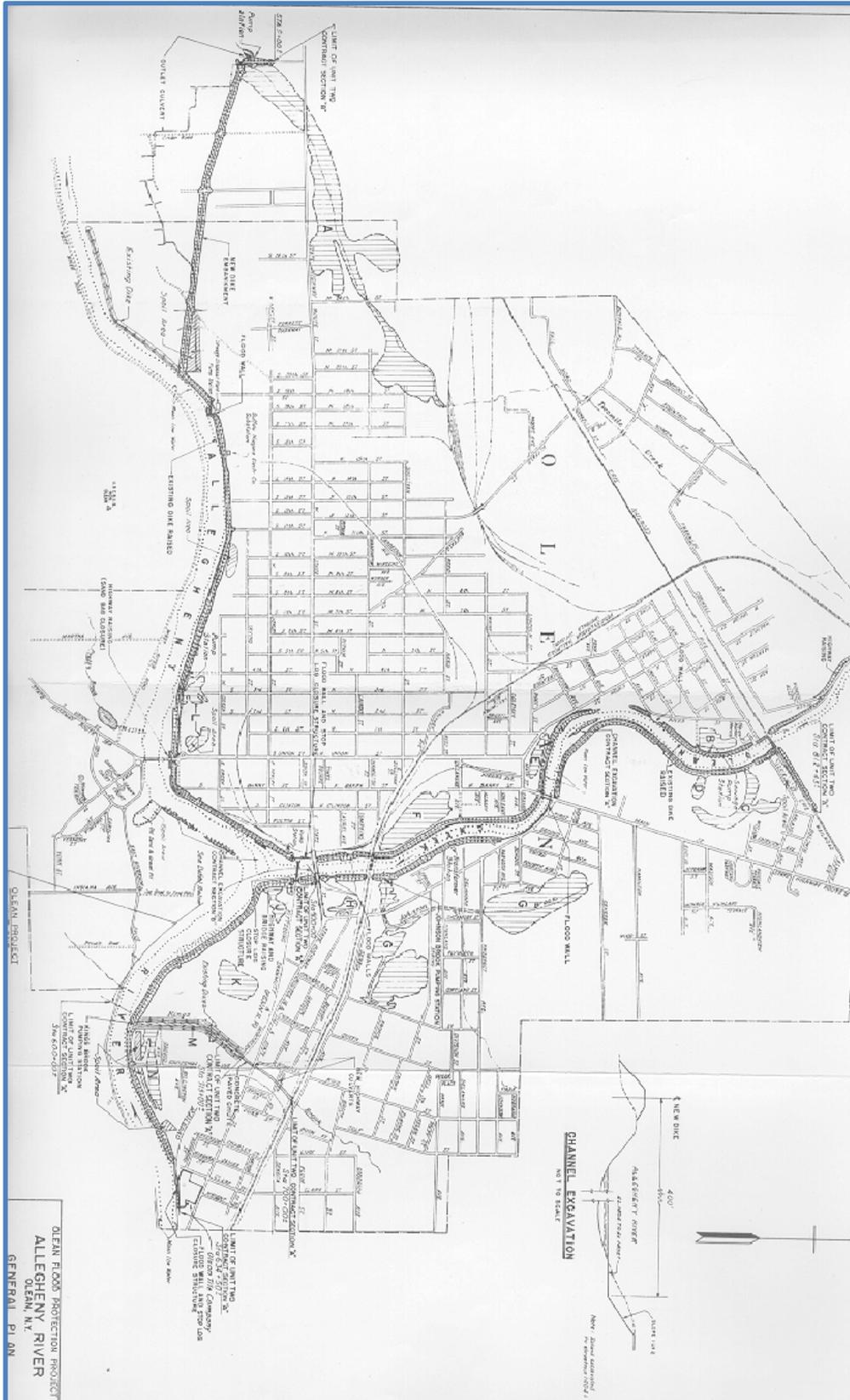
The project is designed to provide protection for the City of Olean, New York, from floods not exceeding the maximum flood of record in the Allegheny River (July 1942) and in Olean Creek (March 1916).

CONSTRUCTION

Construction of the project was divided into units for construction purposes.

Construction of Unit One was initiated April 19th, 1948 and the final unit was scheduled to be completed early in the spring of 1952.

OLEAN - GENERAL PLAN



OLEAN – BIRD'S EYE VIEW



OLEAN - GENERAL PLAN AND AERIAL MAP OVERLAY

