



CORTLAND FLOOD DAMAGE REDUCTION PROJECT



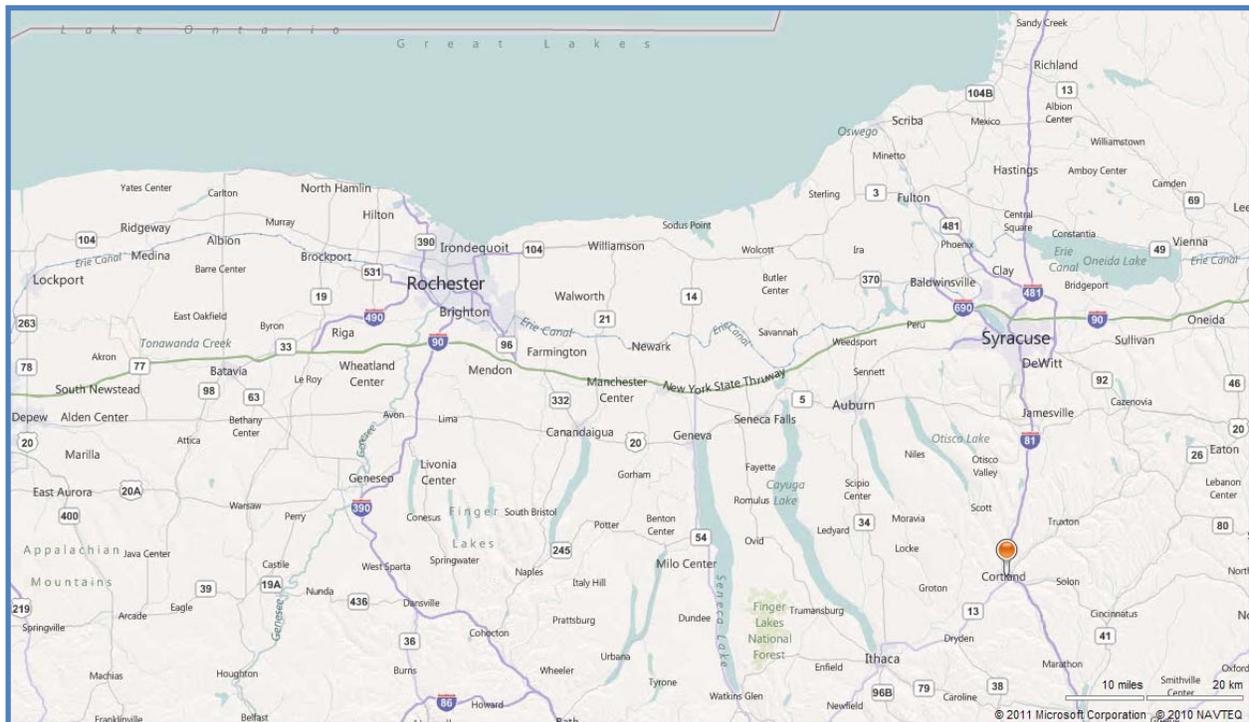
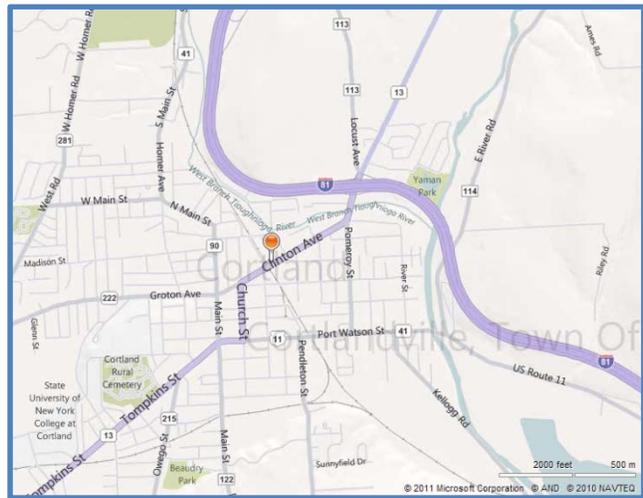
Department of
Environmental Conservation

Operated and Maintained by: *The City of Cortland*

Region 7 Counties: Broome, Cayuga, Chenango, Cortland, Madison, Onondaga, Oswego, Tioga, Tompkins

PROJECT LOCATION

The project is located on the East and West Branches and the main stem of the Tioughnioga River at their confluence, in the City of Cortland, Town of Cortlandville, Cortland County, New York.



PROJECT DESCRIPTION

The channel improvement project consists of the following work:

- Deepening and widening about 4,950 feet of the Tioughnioga River downstream of the confluence of the East and West Branches.
- 8,850 feet of the channel of the West Branch upstream of the confluence.
- The widening of the mouths of the East Branch and Dry and Otter Creeks.
- The realignment of approximately 1,800 feet of the existing mill race channel from the West Branch to the main stem of the Tioughnioga River.
- The improvement also includes the removal of a low dam and overflow weir, and water-power facilities in the existing mill race which provided power to an adjacent operating foundry.

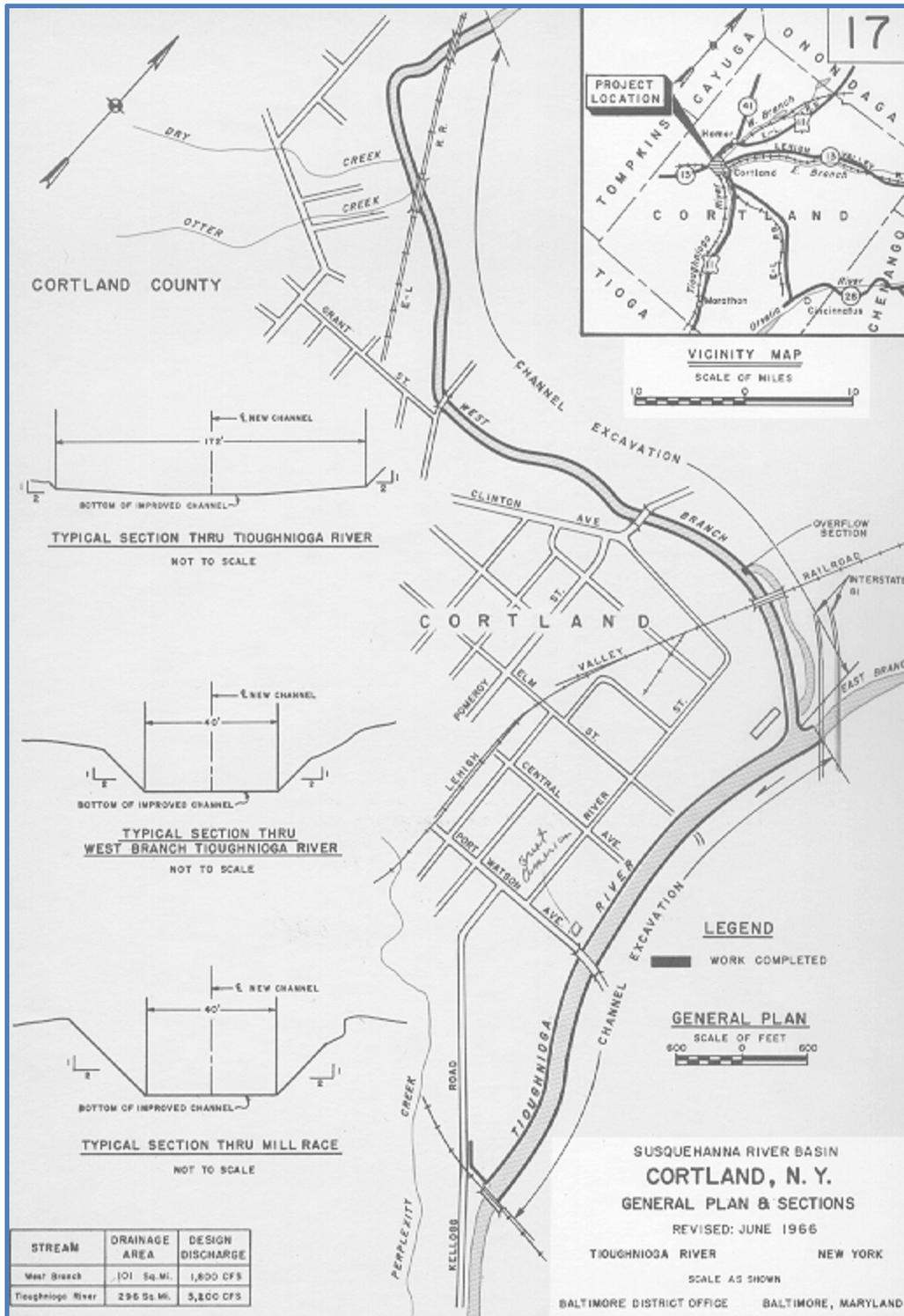
AUTHORIZATION

The flood protection project at Cortland, New York, was authorized by the Flood Control Act approved July 3rd, 1958 in accordance with the recommendations contained in House Document No. 394, 84th Congress, 2nd session.

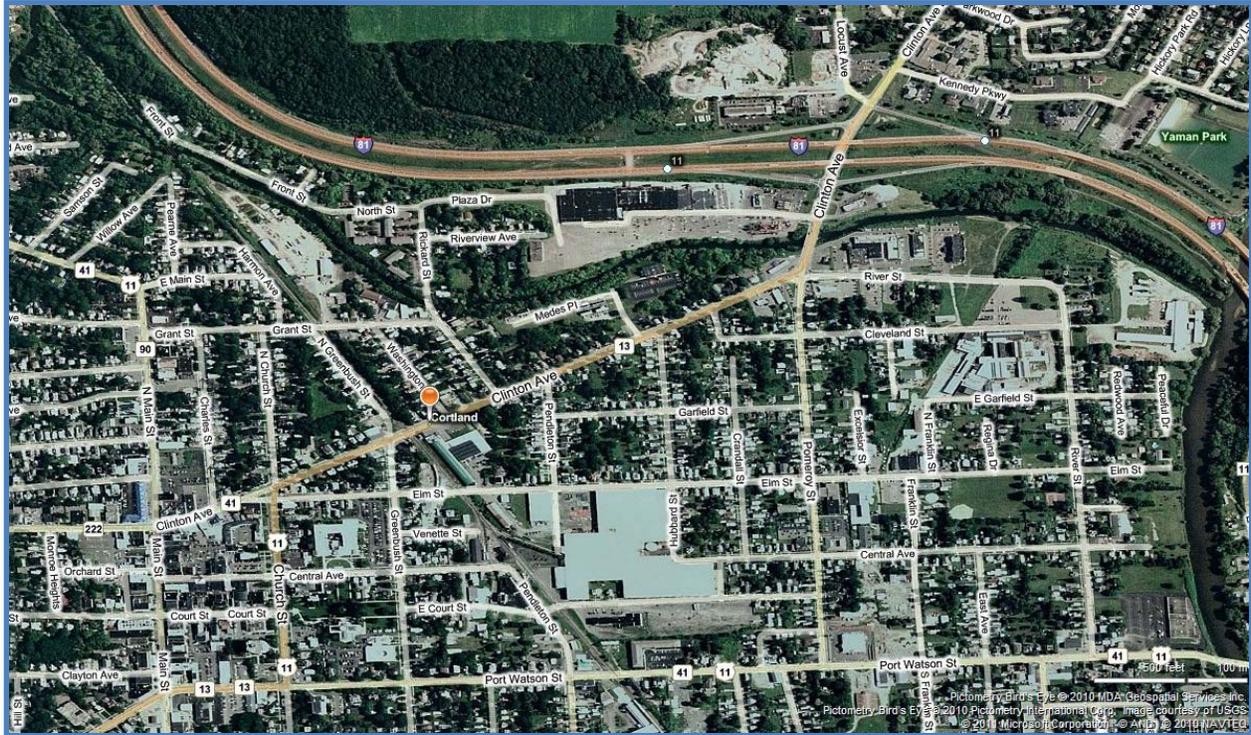
PROTECTION PROVIDED

The project for Cortland, New York, is designed to protect the area against a flood of approximately 5,200 c.f.s. on the Tioughnioga River, and 1,800 c.f.s. on the West Branch Tioughnioga River. Prior to the construction of the project, flood damages in Cortland were caused by overland flows as well as seepage from high river stages. The project, as constructed will alleviate the flood damages in cellars and homes by reducing the flood stages and lowering the ground water levels.

CORTLAND - GENERAL PLAN



CORTLAND – BIRD’S EYE VIEW



CORTLAND - GENERAL PLAN AND AERIAL MAP OVERLAY

