



MORAVIA FLOOD DAMAGE REDUCTION PROJECT



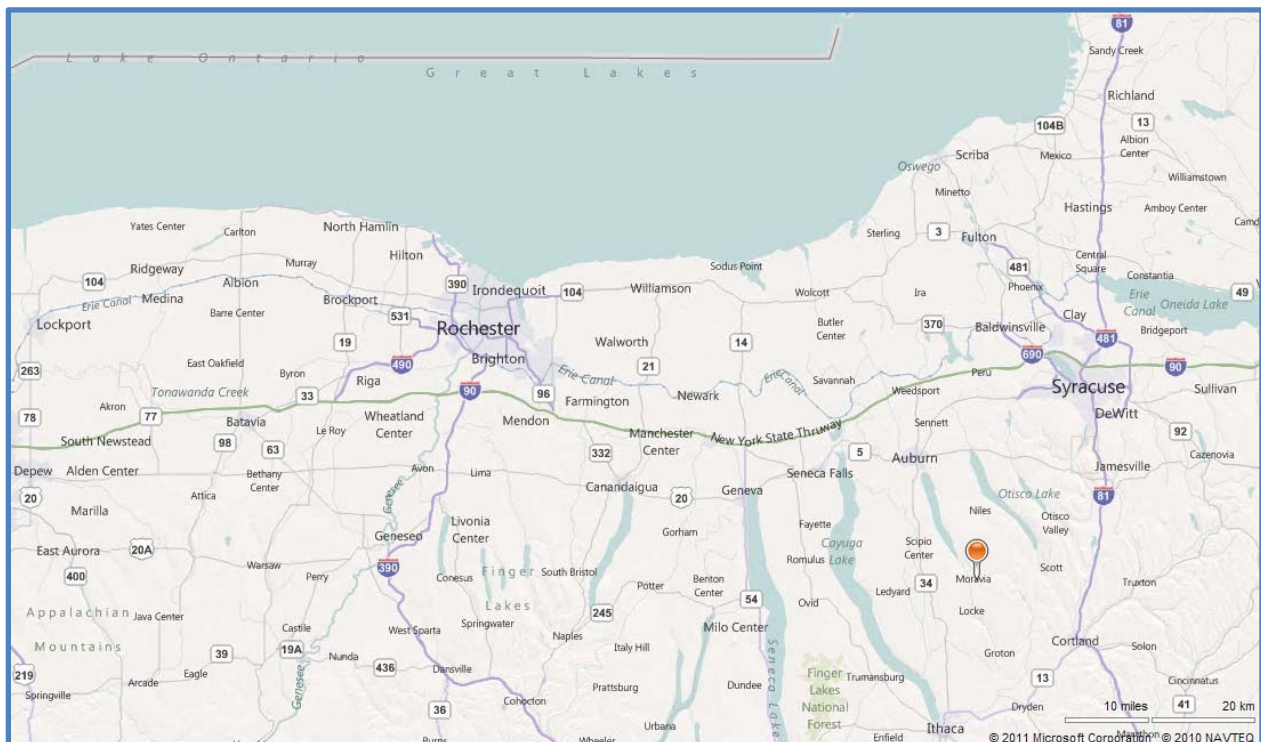
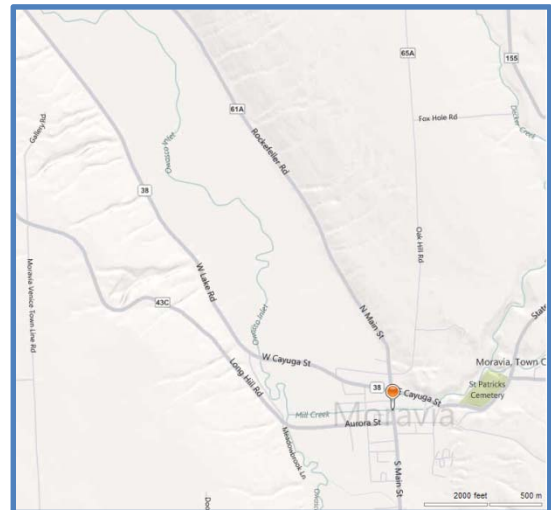
*Department of
Environmental Conservation*

Operated and Maintained by: New York State

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

PROJECT LOCATION

The project is located in and adjacent to the Village of Moravia, Cayuga County, New York in the Owasco Inlet Valley. The project extends from the mouth of Owasco Inlet on Owasco Lake upstream about 5 ¼ stream-miles to the mouth of Dry Creek in the Village of Moravia and, in addition, includes improvements on Mill Creek and Dry Creek within the Village limits.



PROJECT DESCRIPTION

The improvements consist of the following work:

- Channel clearing and easing of bends in Owasco Inlet.
- Clearing of the channel in Dry Creek from its confluence to a point about 3,800 feet upstream
- The construction of a levee along the right (north) bank from the Lehigh Valley Railroad bridge to a point about 1,900 feet upstream.
- Enlarging the channel, excavating the settling basin, and placing riprap paving (where required) in Mill Creek.
- The replacement of two bridges spanning Dry Creek.

AUTHORIZATION

The Flood Control Act of December 22nd, 1944 (Public Law 534, 78th Congress, 2nd Session) authorized construction of flood control improvements on Owasco Inlet, Owasco Outlet, their tributaries, and Crane Brook, New York, substantially in accordance with the recommendations of the Chief of Engineers in House Document No. 815, 77th Congress, 2nd Session.

PROTECTION PROVIDED

The authorized plan of flood protection for the areas flooded by Owasco Inlet is based on the alleviation of flood damages in these areas. The flooded areas are generally agricultural and damages are caused by water standing on the land during and after floods. The improvement of the drainage conditions will produce benefits by shortening the duration of the flooding, although there may be little change in flood stages. The areas flooded by Mill and Dry Creeks are largely residential and commercial. Floods here are of short duration, and all benefits derived from the improvement work on these creeks are due to reductions in flood stages.

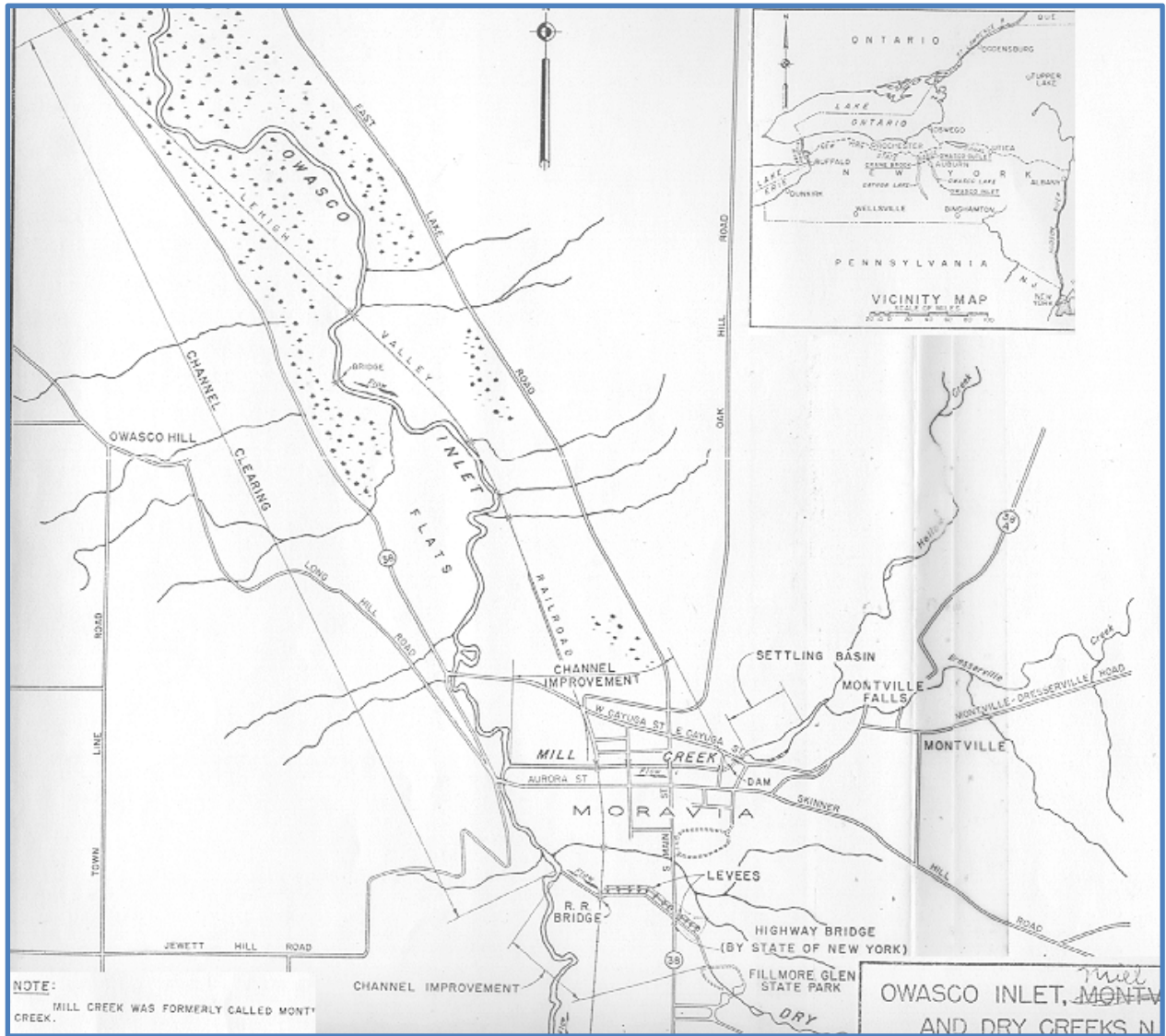
CONSTRUCTION

In order to expedite construction, the project was divided into portions, the work being done either by contract or hired labor as follows:

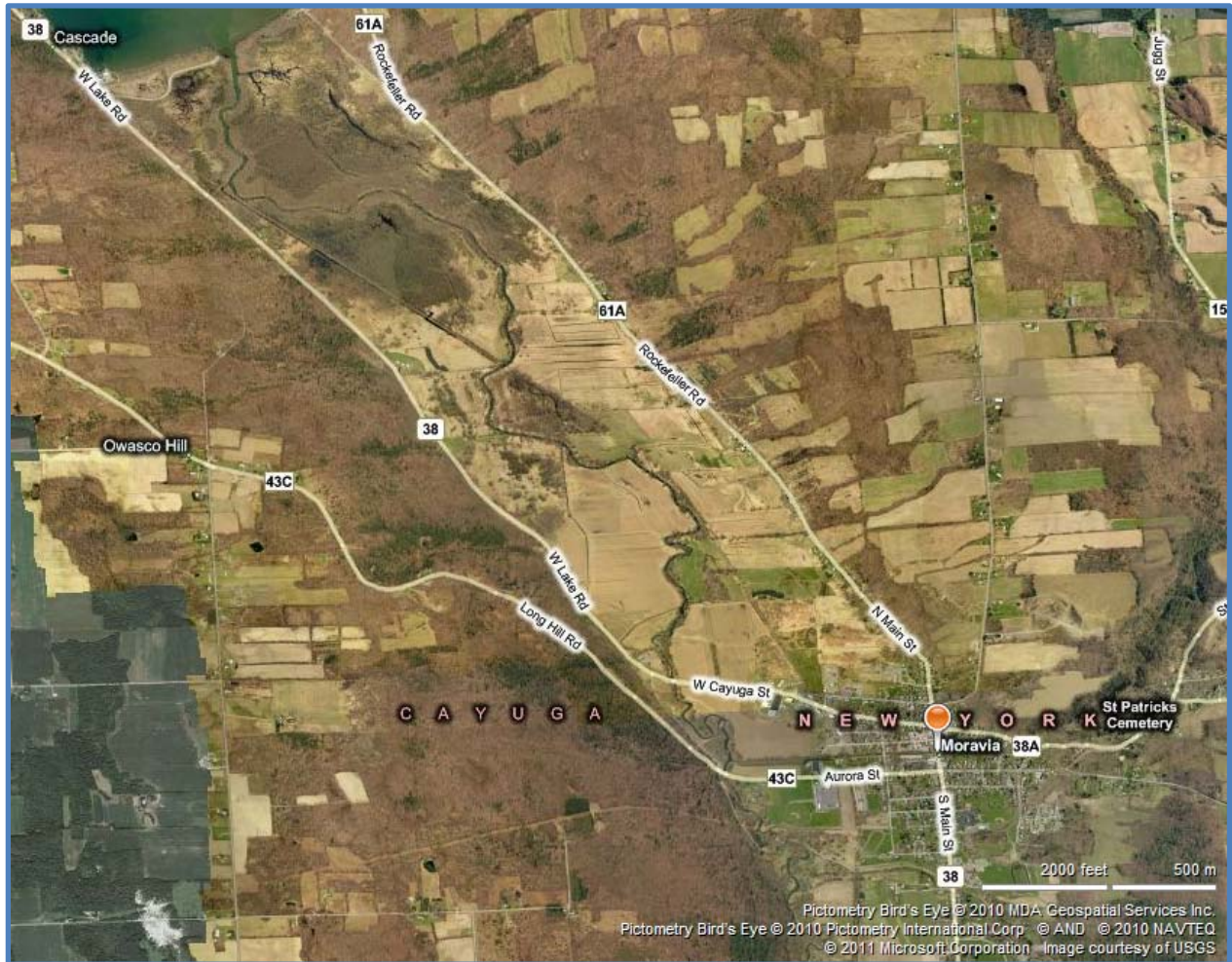
- Clearing, grubbing, channel excavation, riprap slope paving on Mill Creek and levee construction on Dry Creek, was constructed during the period from September 1947 to July 1948, by contract with the Bero Engineering and Construction Corp., of Buffalo, New York.

- Channel clearing and easing of bends in Owasco Inlet was begun during August 1947 and completed during November 1947. Removal of deposited debris from these operations was done during May and June 1948. This work was performed by hired labor, Government plant, and rented equipment.
- Channel clearing in Dry Creek was begun during June 1948 by hired labor, Government plant, and rented equipment and completed during September 1948.
- Replacement of Railroad Bridge over Dry Creek was initiated during June 1948 by A. F. Wikstrom, Inc. of Skaneateles, New York, contractors for the bridge replacement. Operations were suspended during July 1948 for lack of materials, and were resumed the latter part of August 1948.
- Repairs to footings of the Main Street Bridge abutments along Mill Creek were performed by hired labor during August and September 1948.
- Replacement of the S. Main Street highway bridge (NYS Highway No. 38) over Dry Creek is to be accomplished by the State of New York.

MORAVIA - GENERAL PLAN



MORAVIA – BIRD’S EYE VIEW



MORAVIA – GENERAL PLAN AND AERIAL MAP OVERLAY

