



ELMIRA FLOOD DAMAGE REDUCTION PROJECT



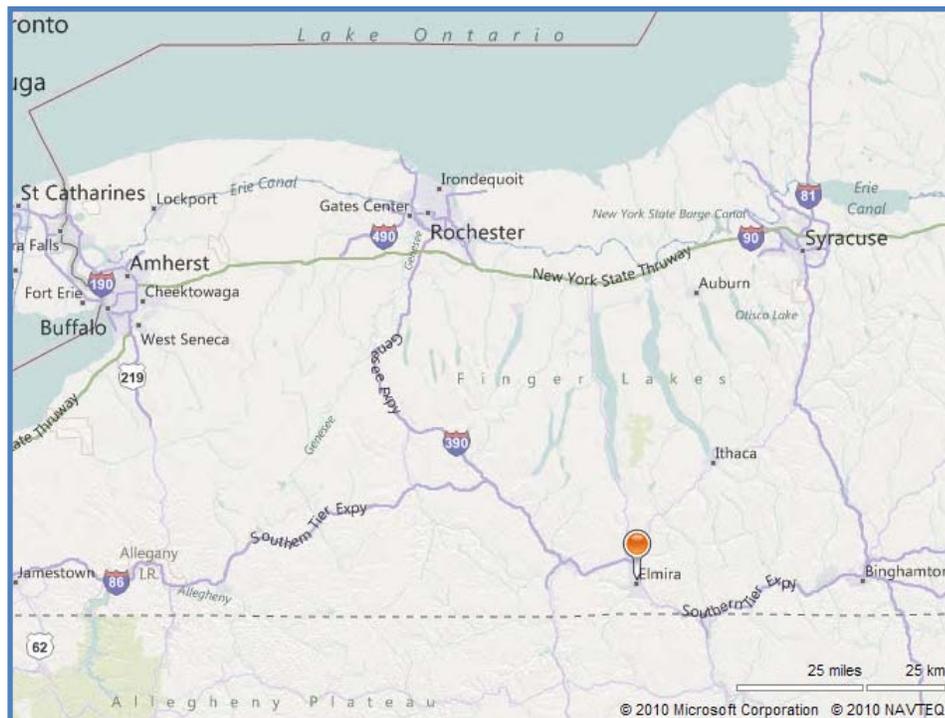
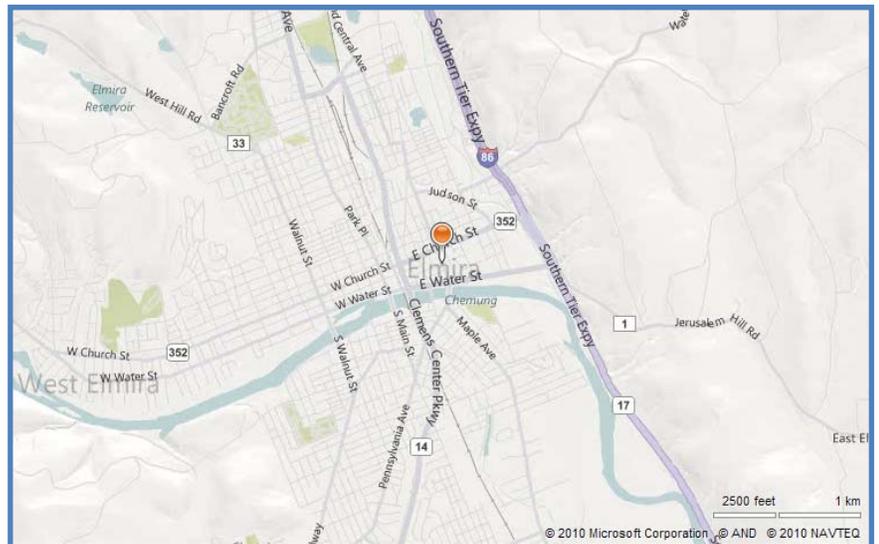
Department of
Environmental Conservation

Operated and Maintained by: New York State

Region 8 Counties: Chemung,
Genesee, Livingston, Monroe,
Ontario, Orleans, Schuyler,
Seneca, Steuben, Wayne, Yates

PROJECT LOCATION

Elmira, Chemung County, New York, is located on the Chemung River, in the Susquehanna River Basin, 306 miles above Chesapeake Bay and approximately 25 miles upstream from the confluence of the Chemung River and the North Branch of the Susquehanna River.



PROJECT DESCRIPTION

The plan of improvement consists of earth levees, concrete floodwalls, a concrete conduit, intercepting sewers, and two pumping stations.

The project consists of the following:

- Approximately 17,700 feet of earth levee.
- 4,100 feet of concrete floodwall located on the right bank of the Chemung River, extending from South Hoffman Street to a point below the city near the upper end of Big Island.
- Nearly 10,800 feet of earth levee.
- 5,400 feet of concrete wall on the left bank of the Chemung River extends from about the intersection of the Railroad and East Church Street, to high ground near the intersection of Sullivan and Warren Streets.
- 4,300 feet of earth levee on the right bank of Diven Creek.
- 2,000 feet of a concrete conduit inclosing Hoffman Brook from West Second Street to the Chemung River.
- A pumping station at the foot of Sullivan Street for disposal of interior drainage.
- Two intercepting sewers are in place, one being 5,350 feet long on the left bank of the Chemung River and another being 400 feet long in Sullivan Street to carry storm drainage from the protected areas to the pumping station.
- The clearing of islands and riverbanks of trees and brush for a distance of about 3.5 miles in the Chemung River.
- The construction of 14,300 feet of earth levee on the left bank of Seely Creek.
- Appurtenant drainage structures, which includes a ponding area.

AUTHORIZATION

The local protection project at Elmira, New York, was authorized by the Flood Control Act approved June 22nd, 1936 (Public Law 738, 74th Congress) as amended by the Flood Control Act approved June 28th, 1938 (Public Law No. 761, 75th Congress, third session), described in House Document No. 702, 77th Congress, second session.

PROTECTION PROVIDED

The improvements provide protection with freeboard, for the City of Elmira against a Chemung River discharge approximately equal to that of the flood which occurred in May 1946.

CONSTRUCTION

To facilitate construction operation the flood protection works at Elmira were divided into three major sections. Construction was started on May 14th, 1941, interrupted due to the war emergency February 1st, 1943 and resumed on July 2nd 1946. Component parts of the works, initiation and completion dates of construction and other pertinent data are listed below.

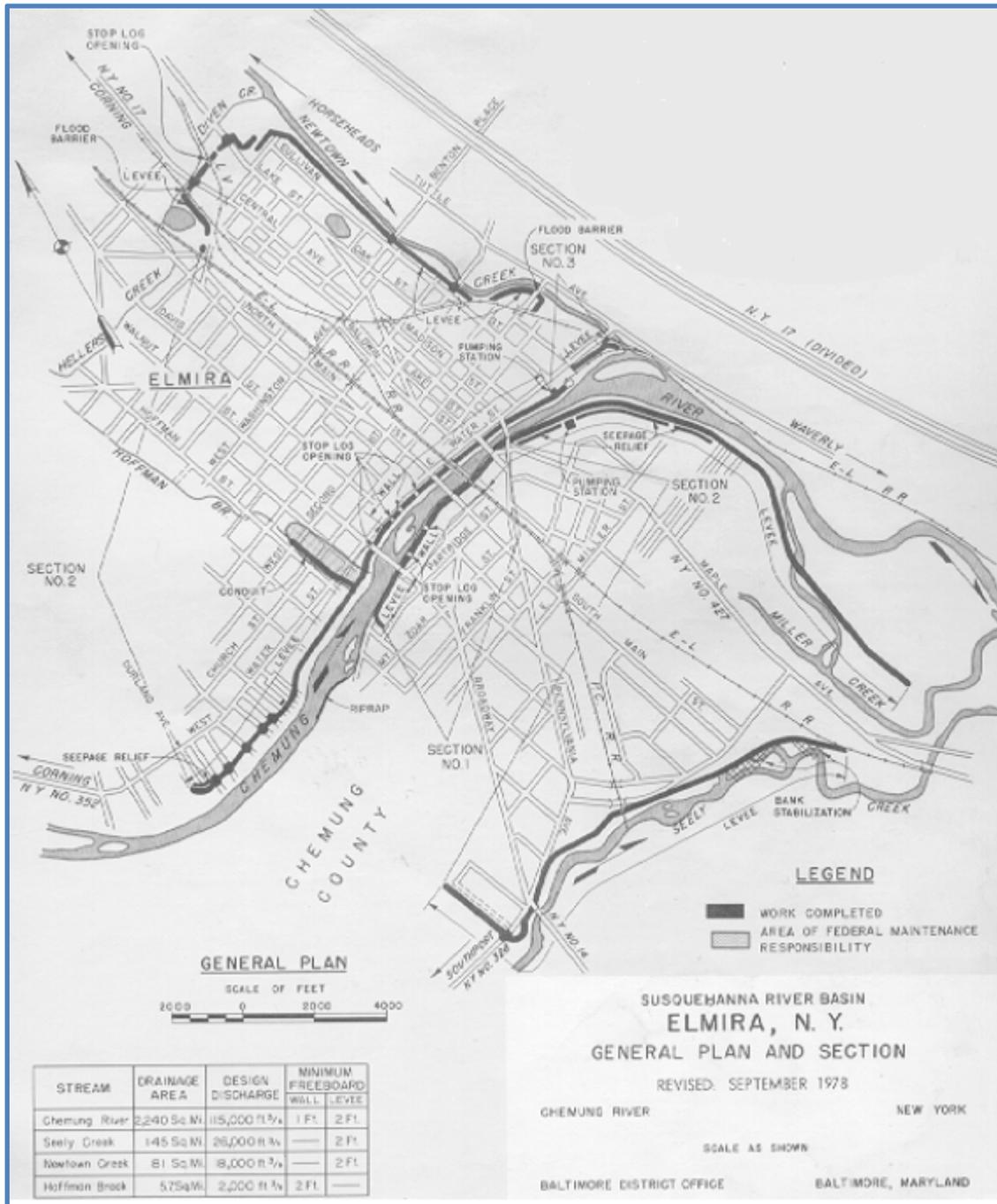
The Federal cost for new work, completed in 1959, was \$6,883,305, of which \$6,744,130 was for construction and \$139,175 was for lands and damages. The estimated cost to local interests was \$922,000 for lands, rights-of-way, and utility changes.

ELMIRA - CONSTRUCTION INFORMATION

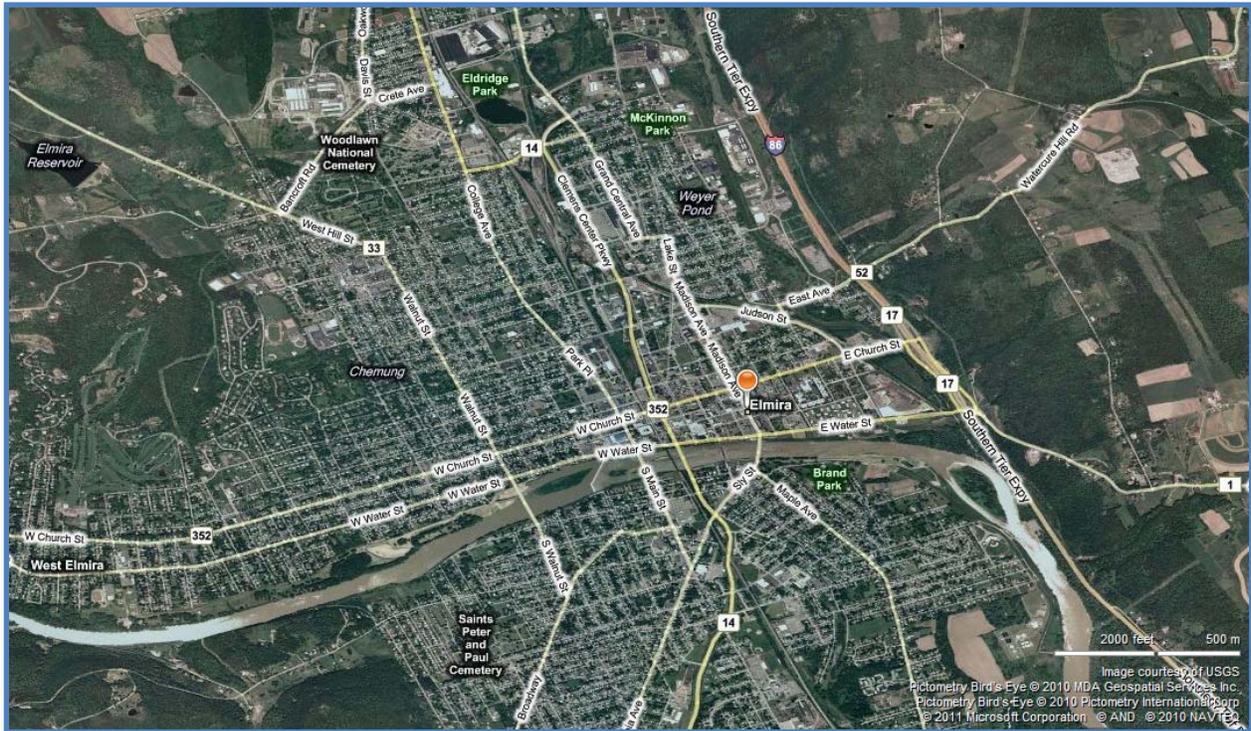
Designation	Contractor	Date of		Remarks
		Initiation	Completion	
Elmira Sec. 1	Binghamton Construction Co. Marine Midland Building Binghamton, NY W-321-eng-261*	14-May-1941	19-Dec-1942	
Elmira Sec. 2	H.F. Mclean Inc. White Plains, NY W-321-eng-356*	24-Apr-1942		Interrupted due to war emergency 1 Feb 1943
Elmira Sec. 2 Construction of levees and floodwalls	Johnson, Drake Piper Inc. S.J. Groves & Sons D.W. Winkleman & Co. W-30-180-eng-372*	2-July-1945	25-Aug-1949	
Channel Clearing (Chemung River)	Wyoming Valley Nursery 84 Atherton Ave. Wyoming, PA W-18-020- eng-1068*	11-Feb-1947	11-Apr-1947	
Sec. 3, Unit 1, levees wall, pumping station closure structure and appurtenant works	Bero Engineering & Construction Corp. 305 Mckinley Bldg. 259 Delaware Ave. Buffalo, New York W-18-020-eng- 1198*	26-Apr-1948	9-Mar-1950	

*ContractNumber

ELMIRA - GENERAL PLAN



ELMIRA - BIRD'S EYE VIEW



ELMIRA - GENERAL PLAN AND AERIAL MAP OVERLAY

