



ITHACA FLOOD DAMAGE REDUCTION PROJECT



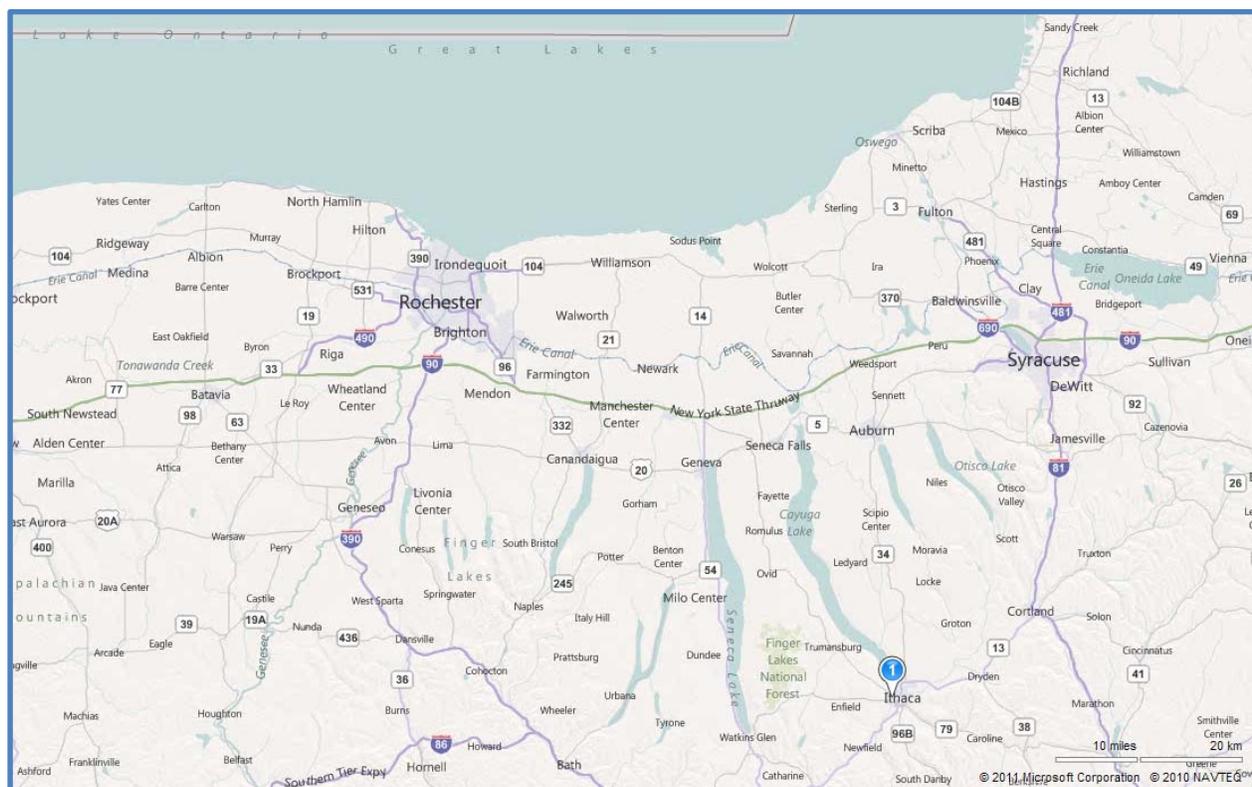
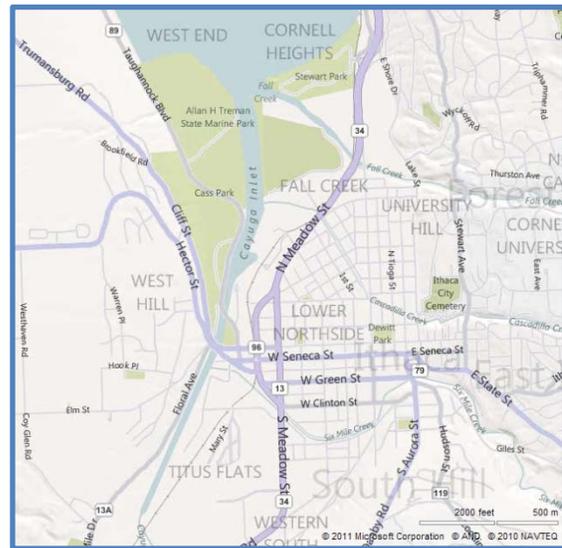
Department of
Environmental Conservation

Operated and Maintained by: *The City of Ithaca*

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

PROJECT LOCATION

The project is located on Cayuga Inlet in the City and Town of Ithaca, Tompkins County, New York. Cayuga Inlet rises in the northwest corner of Tioga County and flows in a northerly direction to enter the head of Cayuga Lake at Ithaca. Nearly the entire drainage area of 165 square miles is in Tompkins County.



PROJECT DESCRIPTION

The project after rectification, provides approximately three miles of improved channel at the downstream end of Cayuga Inlet, including auxiliary diversion levees and drainage basins, bank protection, a fixed railroad bridge, drop structures, stilling basins, fishway, diversionary stop log structure, and spoil areas.

AUTHORIZATION

Construction of improvements for flood control on Cayuga Inlet at Ithaca, Tompkins County, New York, was authorized by Congress in Title II, Section 201 of the Flood Control Act of 1960, Public Law 86-645, July 14th, 1960, in accordance with plans and conditions set forth in House Document No. 204, 86th Congress, 1st Session. A rectification project was approved in 1977 to correct problems associated with high discharges from Coy Glen. Emergency rehabilitation work to repair damage from January 17th to January 20th, 1996 Thaw flood event was authorized under Public Law 84-99.

PROTECTION PROVIDED

The project on Cayuga Inlet was designed to protect the City of Ithaca against damages from flood equal to a one-percent exceedence flood and reduce damages from a recurrence of the flood of record (1935). The rectification work on Coy Glen was based on protection against floods equal to a two-percent exceedence flood. The one-percent flood has one chance in 100 years of being exceeded in any given year, while the two-percent flood has one chance in 50 years of being exceeded.

CONSTRUCTION

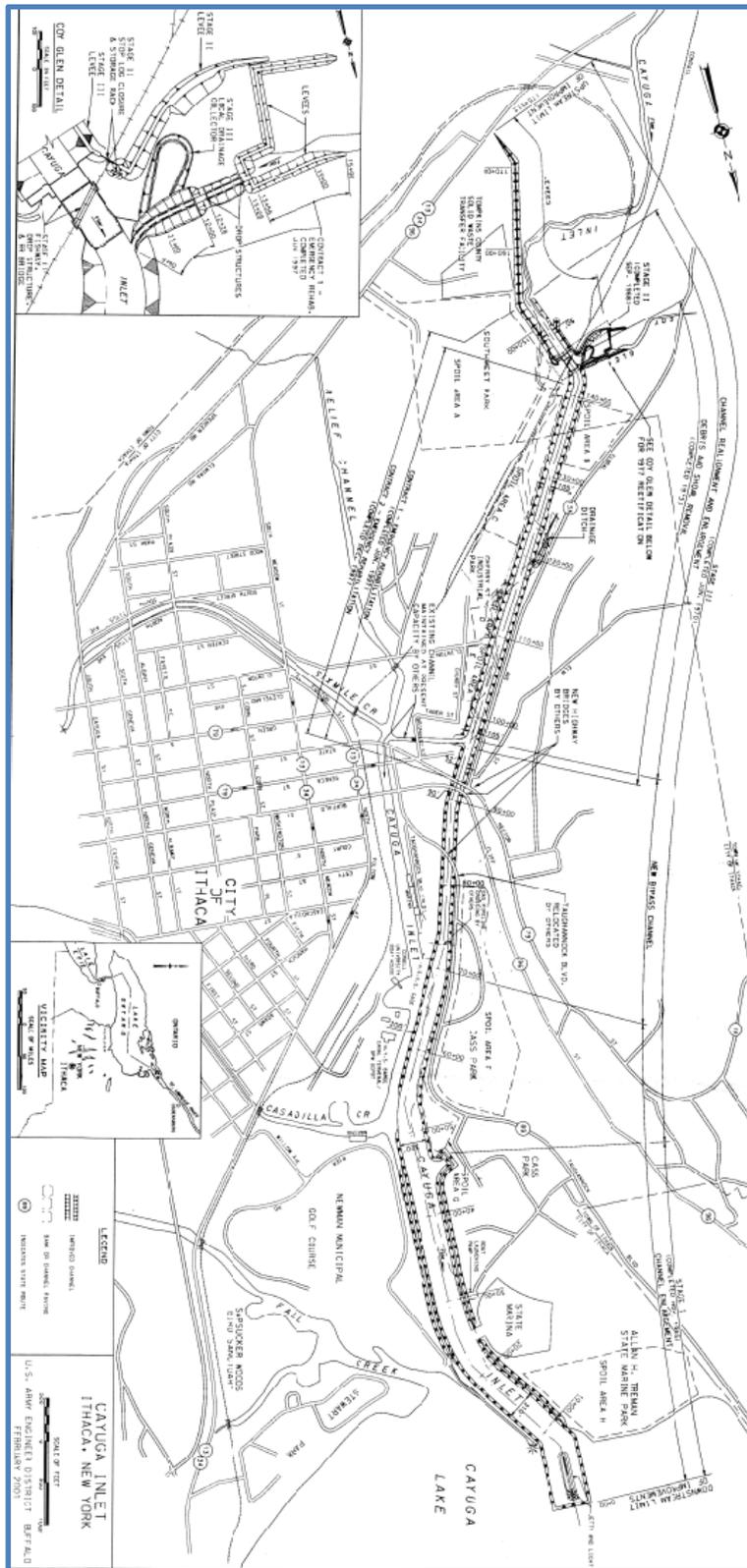
The original project was constructed in three stages between January 1965 and November 1969. It was turned over to the State of New York on December 29th, 1969, conditional upon completion of seeding and cleanup; the third stage was subsequently completed in 1970. Between September and November 1973, a project was completed to remove material deposited during floods accompanying Tropical Storm "Agnes". Rectification work, required to improve the original project, was completed on Coy Glen between July and November 1977. The rectification was turned over to the State of New York on March 20th, 1978. The emergency rehabilitation work was completed between March and December 1997.

Ithaca Flood Damage Reduction Project

Ithaca Construction Information

Contractor	Construction Period		Joint Inspection Date
	Start	Complete	
C. D. Murray Co., Inc., Syracuse, NY	January 14th, 1965	November 15th, 1965	March 17th, 1966
M. A. Bongiovanni, Inc., Syracuse, NY	August 22nd, 1966	September 25th, 1968	October 1st, 1968
C. D. Murray Co., Inc., Syracuse, NY	August 15th, 1967	June 30th, 1970	June 18th, 1970
C. D. Murray Co., Inc., Syracuse, NY	Sep-73	Nov-73	none
Chemung Contracting Co., Elmira, NY	July 11th, 1977	November 30th, 1977	December 16th, 1977
C. P. Ward, Inc., Scottsville, NY	March 31st, 1997	June 24th, 1997	none
Luedtke Engineering Co., Frankfort, MI	August 21st, 1997	December 21st, 1997	none

ITHACA - GENERAL PLAN



ITHACA – GENERAL PLAN AND AERIAL MAP OVERLAY

