



UNADILLA FLOOD DAMAGE REDUCTION PROJECT



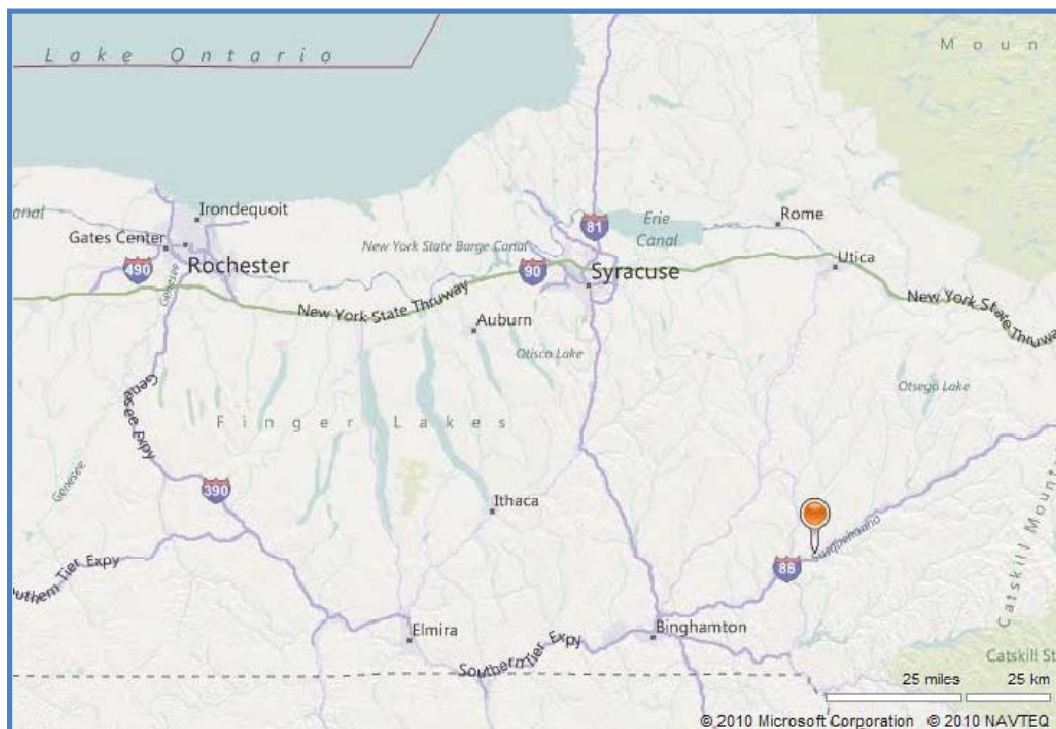
*Department of
Environmental Conservation*

Operated and Maintained by: The Village of Unadilla

Region 4 Counties: Albany, Columbia, Delaware, Greene, Montgomery, **Otsego**, Rensselaer, Schenectady, Schoharie

PROJECT LOCATION

The project is located along Martin Brook, immediately upstream of its confluence with the Susquehanna River, in the Village of Unadilla, Otsego County. The project flows through the Village of Unadilla, crossing Watson Street, Main Street, Teller Street, Weidman Street and Martin Brook Street



PROJECT DESCRIPTION

The overall project length is approximately 4,000 feet, which consists of a concrete channel approximately 3,300 feet in length, with a debris basin deflector provided at the intake end of the flume. At the outlet end of the flume is a “flip-bucket” type energy dissipater. The Village of Unadilla replaced bridges on Martin Brook Road, Weidman Street, Teller Street, and Watson Street. The Delaware and Hudson Railroad Bridges were modified under Federal Contract, and the State of New York replaced the Main Street Bridge with a box culvert.

AUTHORIZATION

The project was authorized by Section 205 of the Flood Control Act of June 30th, 1948 as amended by Public Law 84-685, adopted July 11th, 1956 and Public Law 87-874 adopted October 23rd, 1962.

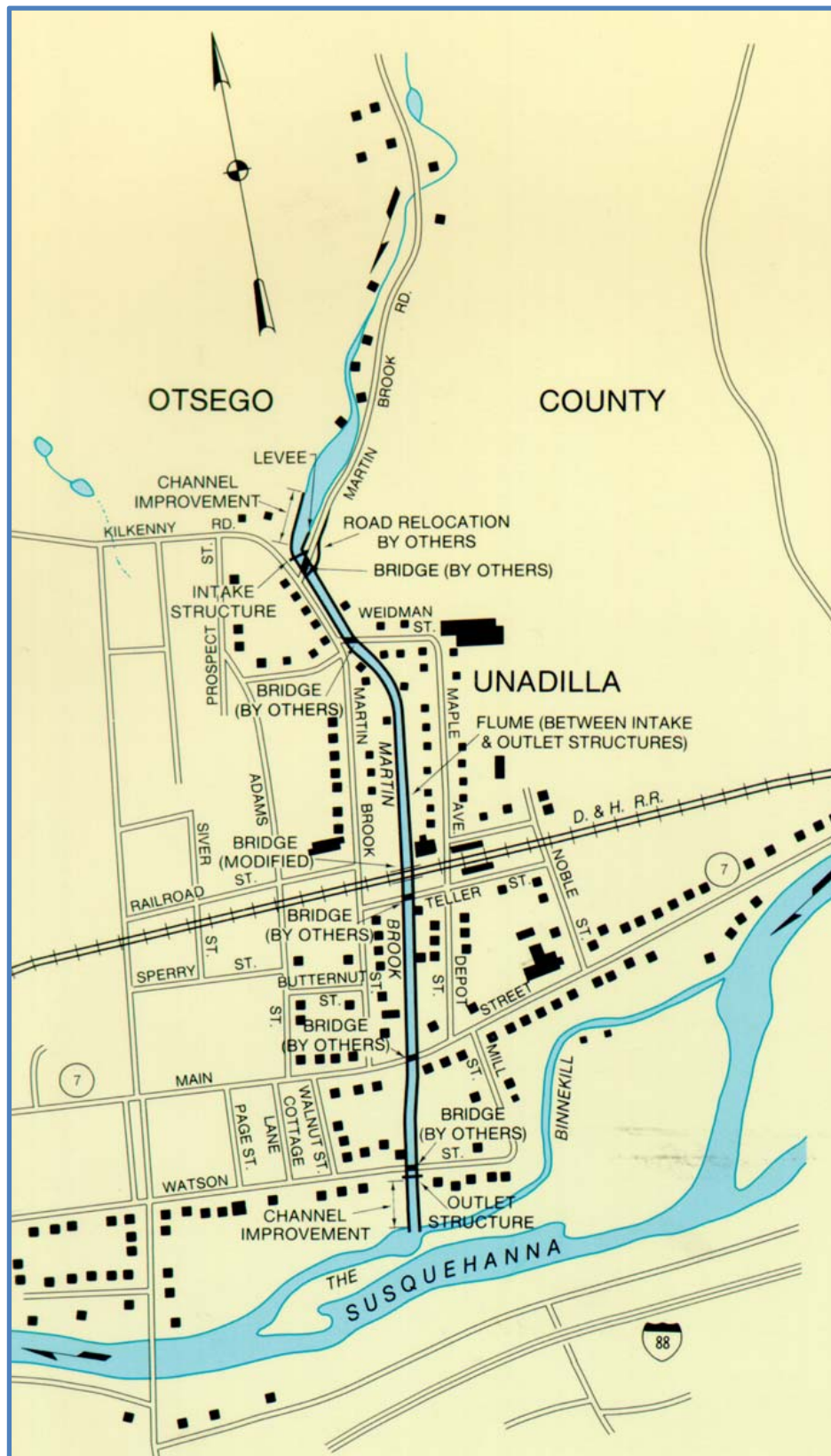
PROTECTION PROVIDED

The project handles floods of 3,000 ft³/second by design, with a two foot freeboard. This flow was approximate to the maximum flood known for this stream at this location, which (at the time of Project completion) happened in July, 1961. The drainage area above the project is 3.1 square miles.

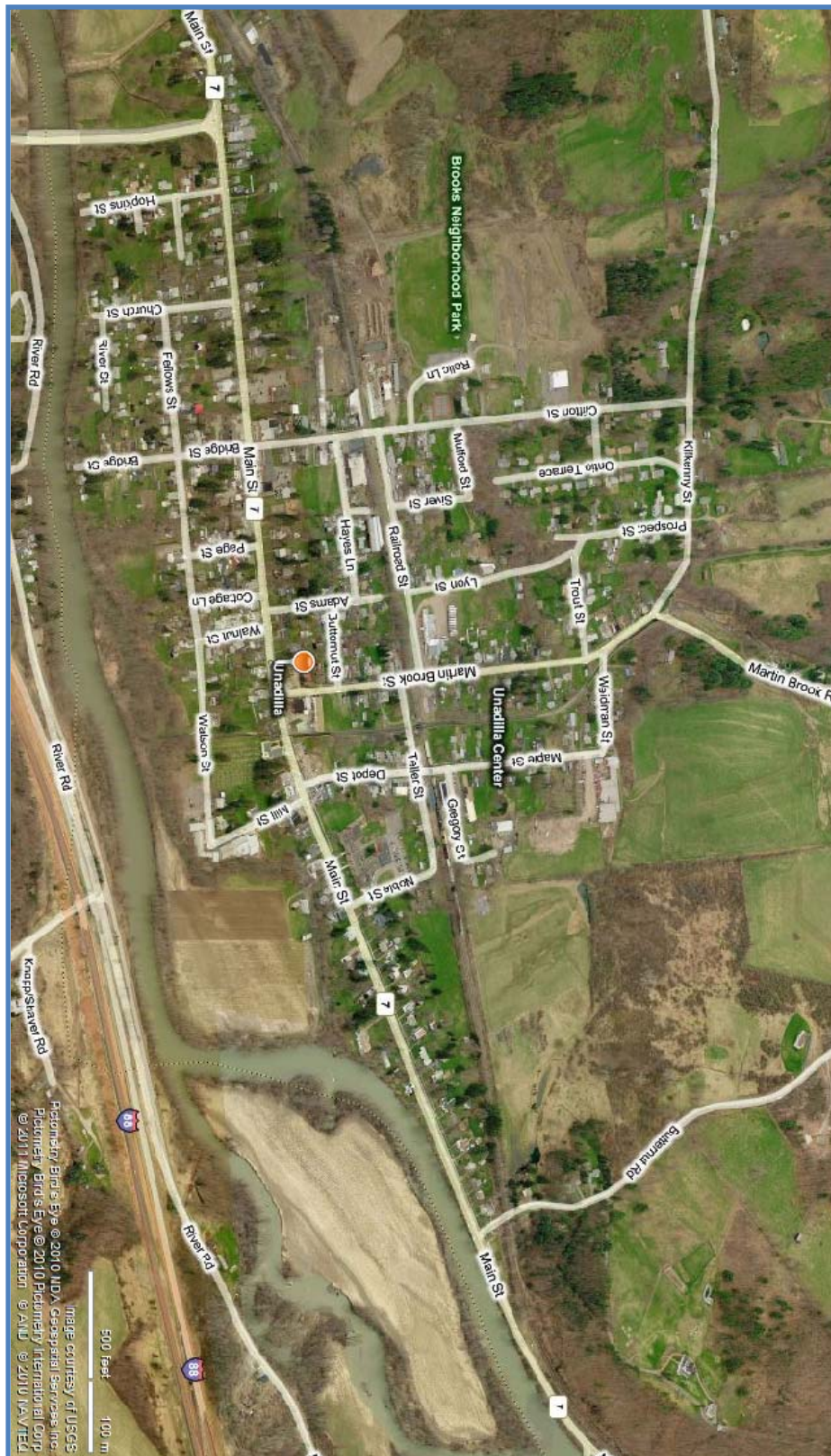
CONSTRUCTION

Work was initiated August 9th, 1967, and was operationally completed November 1968.

UNADILLA – GENERAL PLAN



UNADILLA – BIRD’S EYE VIEW



UNADILLA - GENERAL PLAN AND AERIAL MAP OVERLAY

