



WATKINS GLEN FLOOD DAMAGE REDUCTION PROJECT



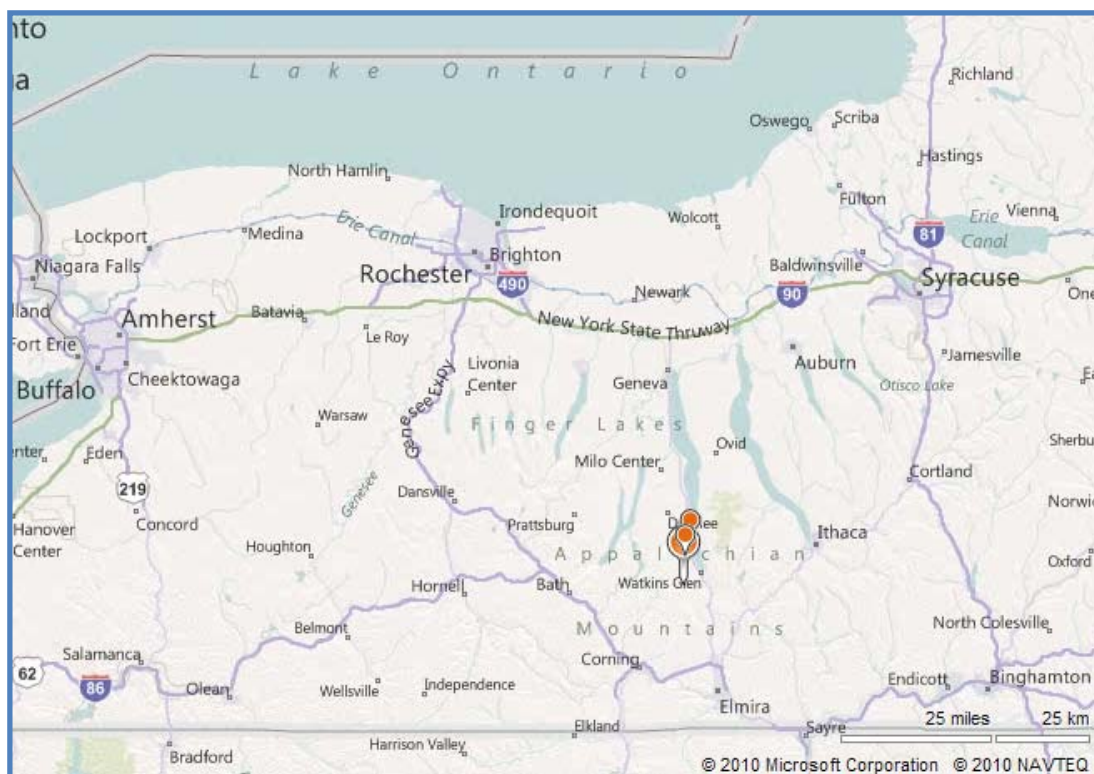
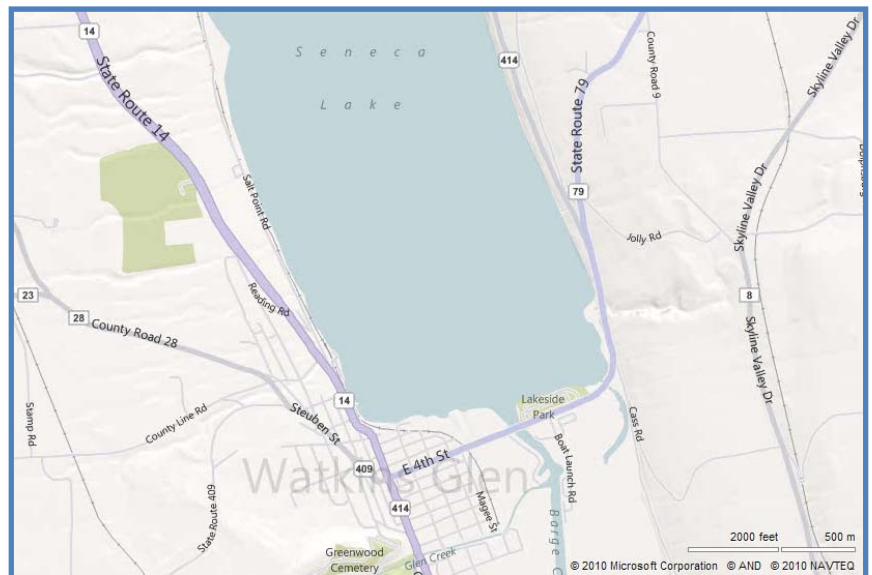
*Department of
Environmental Conservation*

Operated and Maintained by: The Village of Watkins Glen

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

PROJECT LOCATION

The Village of Watkins Glen, Schuyler County, New York is located in Central New York at the southern end of Seneca Lake.



PROJECT DESCRIPTION

The project consists of a two-layer revetment (base layer of plastic filter fabric and a 30” minimum layer of armor rock), was constructed to prevent erosion and a subsequent failure of the foundation for the wastewater treatment building. The project protects approximately 100 feet of wastewater treatment plants and 180 feet of Lake frontage.

PROJECT AUTHORITY

The project was authorized by Section 14 of the Flood Control Act of 1946 (Public Law 79-526, 24 July 1946) as amended.

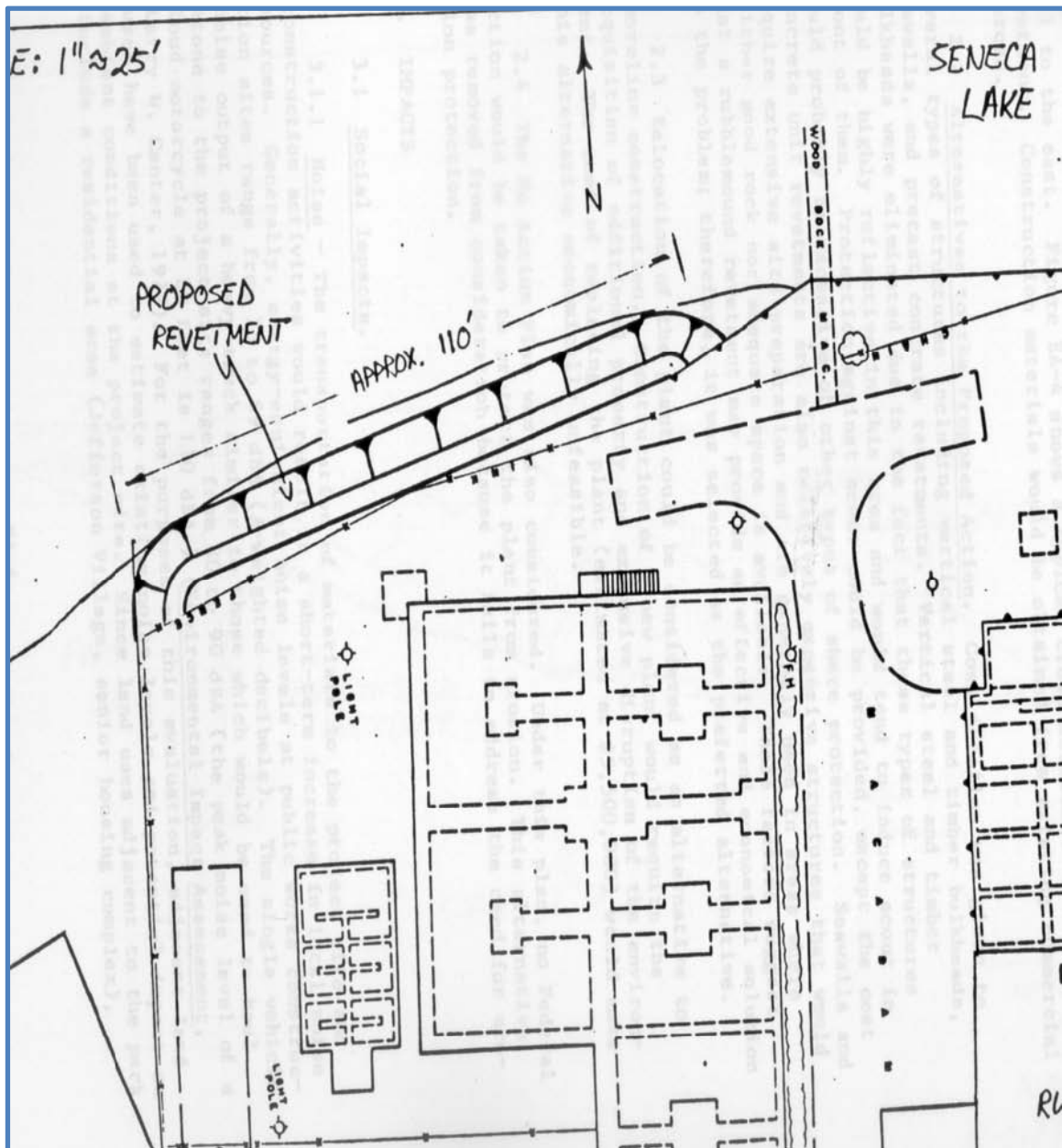
PROTECTION PROVIDED

The plant had lost approximately 12-16 feet of shoreline since 1976, and 2 feet were lost in a single storm event in March, 1983. The shore is currently less than 10 feet from the edge of the nearest wastewater treatment building. The project provides protection to the structural stability of the Watkins Glen Wastewater Treatment Plant. The toe area was designed to protect the embankment slope against erosive scour and to act as a stable riprap toe foundation.

CONSTRUCTION

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

WATKINS GLEN - GENERAL PLAN



WATKINS GLEN – AERIAL VIEW



WATKINS GLEN – GENERAL PLAN AND AERIAL MAP OVERLAY

