



CHEEKTOWAGA SCAJAQUADA CREEK FLOOD DAMAGE REDUCTION PROJECT



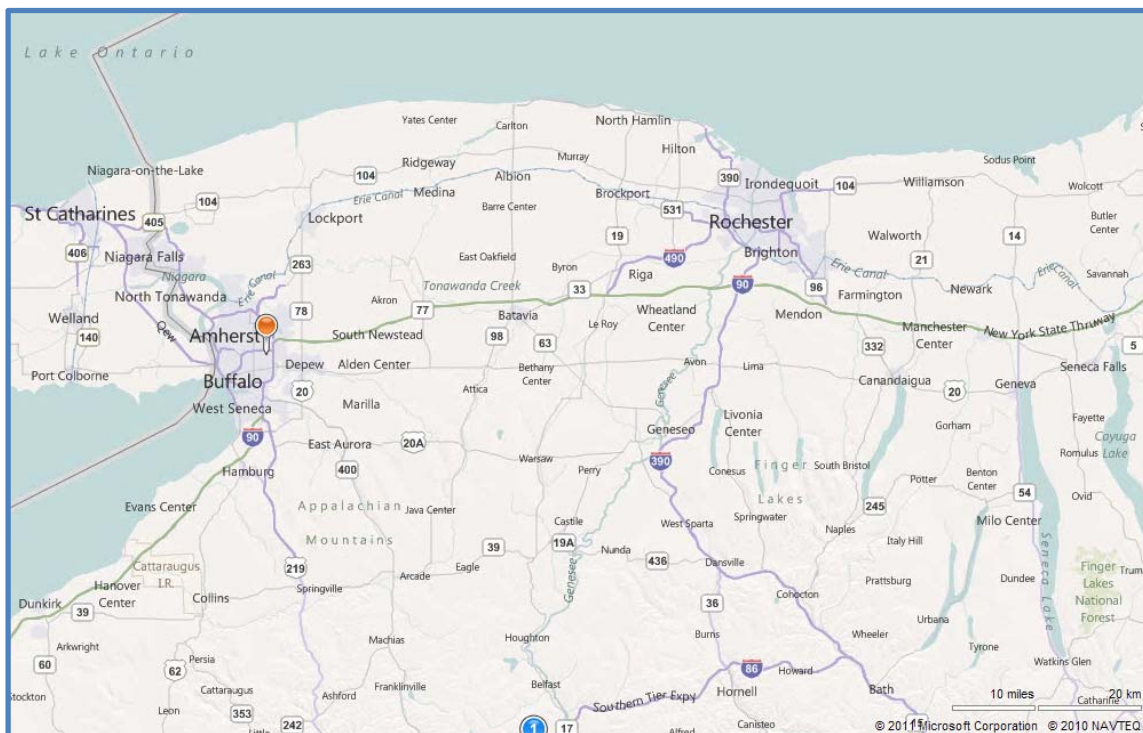
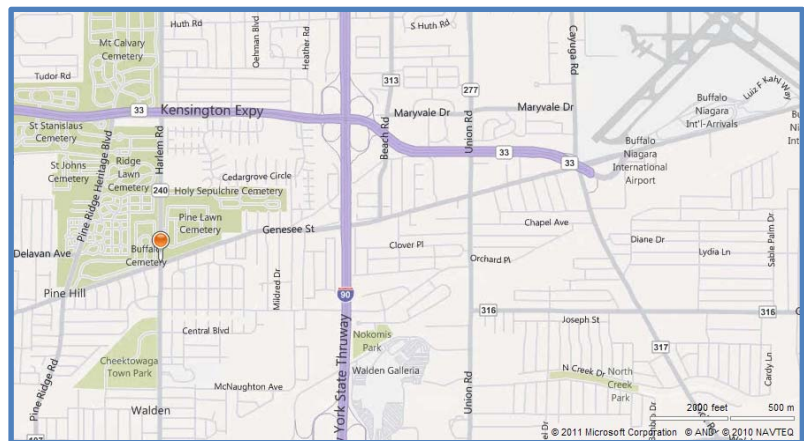
*Department of
Environmental Conservation*

Operated and Maintained by: The Town of Cheektowaga

Region 9 Counties: Allegany,
Chautauqua, Cattaraugus, Erie,
Niagara, Wyoming

PROJECT LOCATION

Scajaquada Creek rises in the Town of Lancaster, Erie County, New York, and flows generally from east to west through the Village of Depew, Town of Cheektowaga, and City of Buffalo, entering the Black Rock Canal in the Niagara River at Buffalo.



PROJECT DESCRIPTION

The project provides approximately 6 miles of improved channel (1.8 miles on the main stem and 4.3 miles on the tributaries) upstream of Pine Ridge Road in the Town of Cheektowaga.

Work included in the project:

- Culvert and bridge removals and replacements.
- Sanitary sewer manhole flood proofing.
- Channel enlargement.
- Construction of low embankments and levees.
- Miscellaneous drainage structures.
- Diversion channels.
- Channel protection, and vegetative cover.

AUTHORIZATION

Construction of flood protection improvements on Scajaquada Creek in Cheektowaga, Erie County, New York, was approved by House and Senate Public Works Committee resolutions, adopted on December 15th, and 17th, 1970 respectively, under the authority of Section 201 of the 1965 Flood Control Act, Public Law 89-298, October 27th, 1965, in accordance with plans and conditions set forth in House Document No. 91-362, July 6th, 1970.

However, portions of the authorized project, namely channel improvement and a levee on Tributary T-3, and a diversion channel along Tributary T-2AD were constructed under the Advanced Measures aspect of the 1955 Emergency Flood Control Funds Act, Public Law 84-99, June 28th, 1955.

PROTECTION PROVIDED

The project was designed to provide protection from floods with an average recurrence interval of 100 years, which is 3,260 cubic feet per second (cfs) at the Pine Ridge Road gage. This design provides for a completely developed watershed, includes the New York State Department of Transportation (NYSDOT) diversion channel known as both U-Crest Diversion Ditch and Tributary T-3BD, and assumes that all sanitary sewer manholes lower than 1 foot above the design water elevation have been flood proofed.

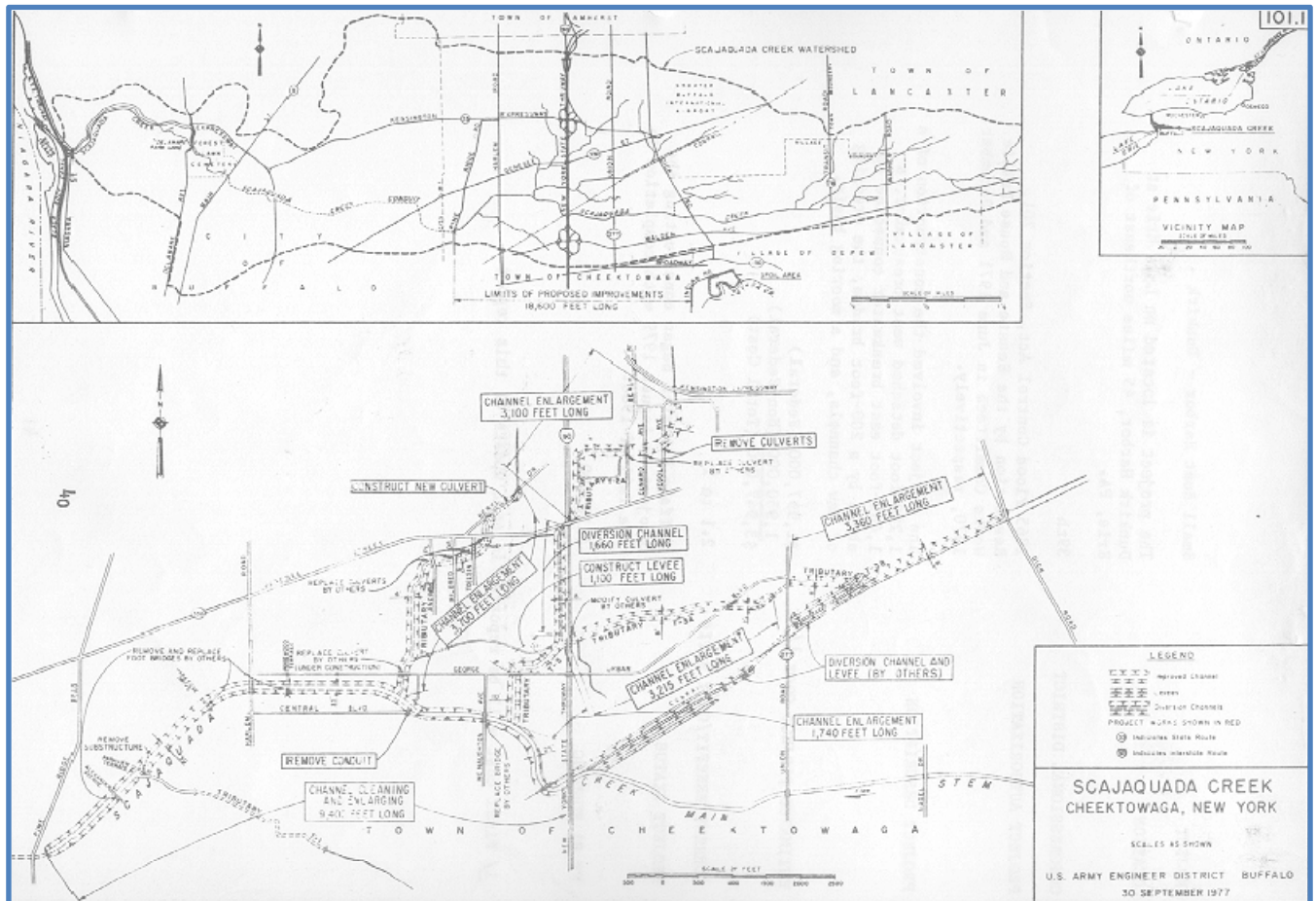
CONSTRUCTION

Construction was performed between 1977 and 1981. Important historical information is given in the following table.

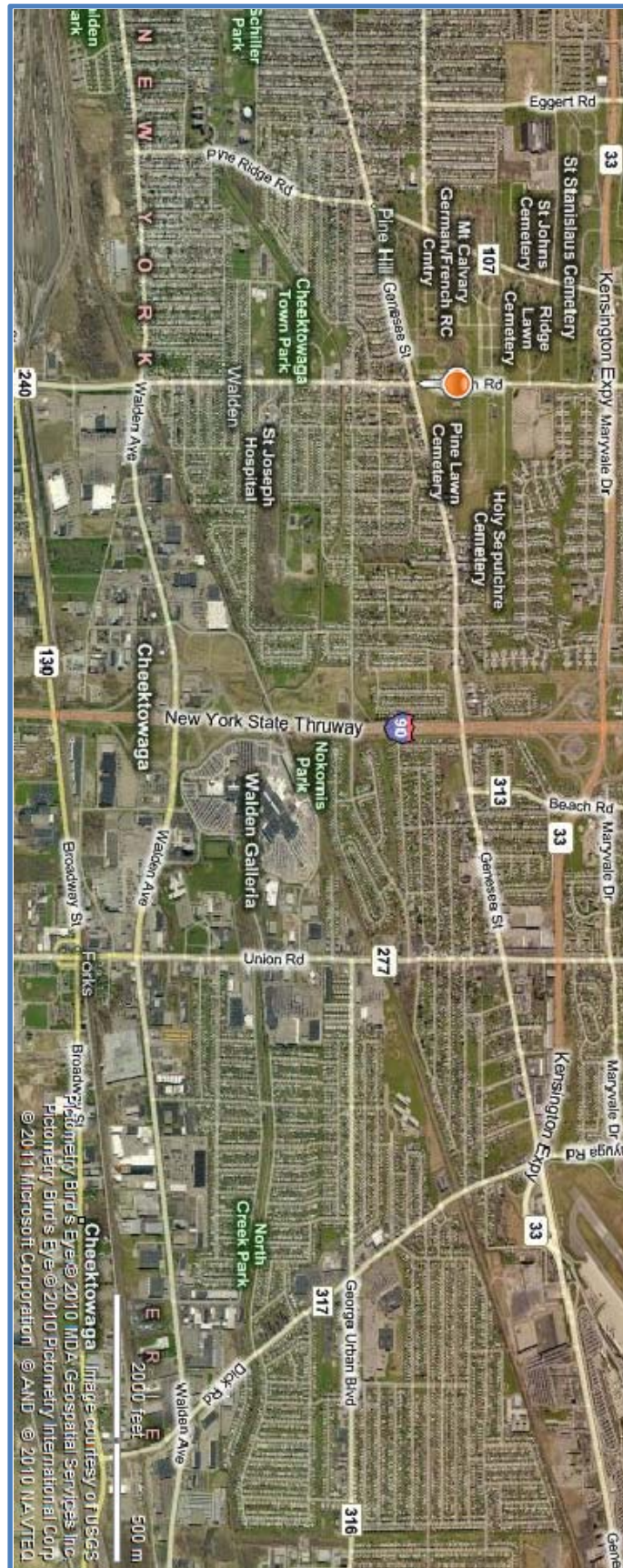
Item	Emergency Phase	Phase I	Phase II
Contractor	Freeway Contracting Co. Inc.	F. A. Wellington Corp.	Joint Venture: F. A. Wellington Corp. & Caradori Construction Co.
Start Date	February 25th, 1977	April 7th, 1978	April 24th, 1979
Completion Date	March 15th, 1977	November 22nd, 1978	January 16th/27th, October 1981*
Joint Inspection	Under Phase I	March 26th, 1979	October 27th, 1981
Transfer Date	Under Phase I	June 25th, 1979	November 6th, 1981

*The project was essentially complete in January 1981. However, sideslopes which failed after construction were repaired by October 1981 under a supplemental agreement with the contractor. The Federal project cost was \$5,065,000 and the non-Federal project cost was \$4,060,000.

CHEEKATOWAGA SCAJAQUADA CREEK – GENERAL PLAN



CHEEKATOWAGA SCAJAQUADA CREEK – BIRD’S EYE VIEW



CHEEKTOWAGA SCAJAQUADA CREEK – GENERAL PLAN AND AERIAL MAP OVERLAY

