



WHITEHALL FLOOD DAMAGE REDUCTION PROJECT



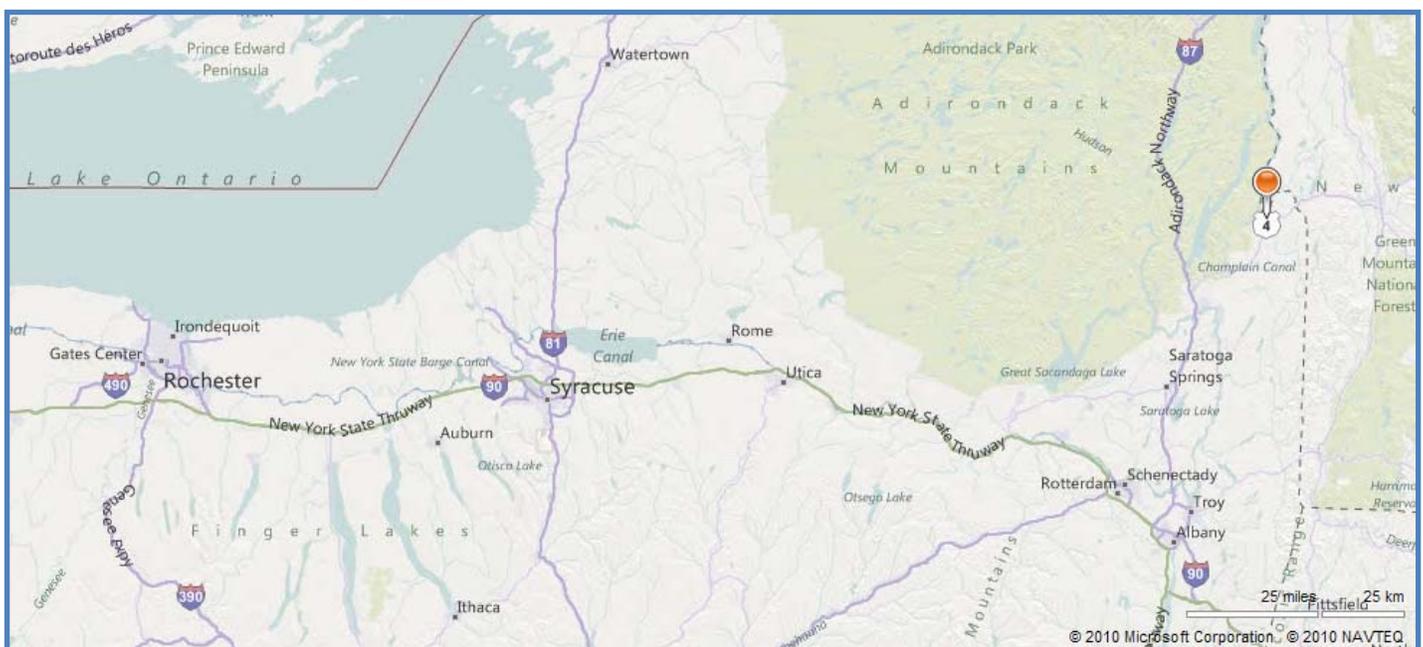
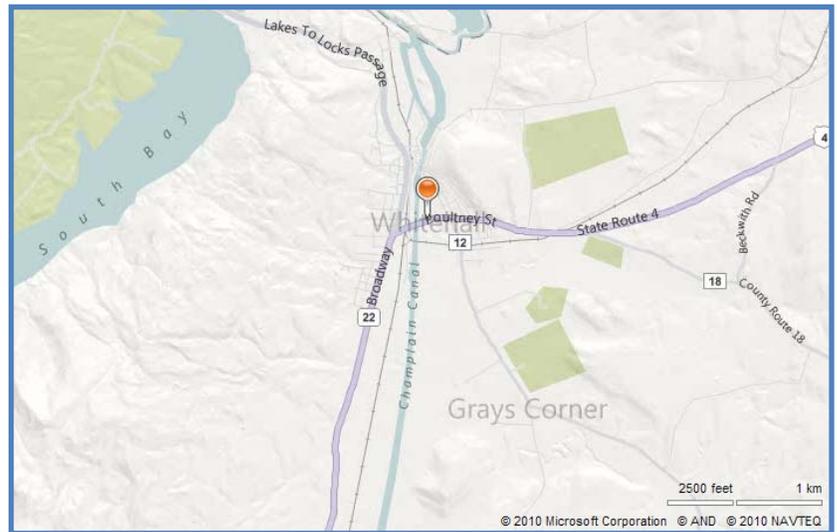
*Department of
Environmental Conservation*

Operated and Maintained by: The Town of Whitehall

Region 5 Counties: *Clinton, Essex, Franklin, Fulton, Hamilton, Saratoga, Warren, Washington*

PROJECT LOCATION

The Whitehall Flood Control Project is located in the Village of Whitehall, Washington County in northern New York State.



PROJECT DESCRIPTION

The project of improvement was initiated due to the extensive amount of damage caused by overtopping during the floods of 1974 and 1988, especially to EB Metals Inc. The levee in question was constructed and maintained by others on State lands adjoining the Barge Canal under the terms of a revocable permit. According to their records this permit was issued in 1935 to the Champlain Spinners, Inc. of Whitehall.

Wood Creek flows north in the Town of Whitehall as it flows in and out of the Champlain Canal and finally joins the Champlain Canal in the Village of Whitehall downstream of the above bridge. Other rivers that join the Champlain canal along the way are the Metawee River, Mud Brook and others. The channel of the river is fairly well defined and it consists of silt, and sand. There is brush and trees at the banks of the creek, and the overbanks consisted mainly of woods and fields. The existing bridge had a large amount of debris accumulated in front of it, and this area was prone to ice jams in the winter.

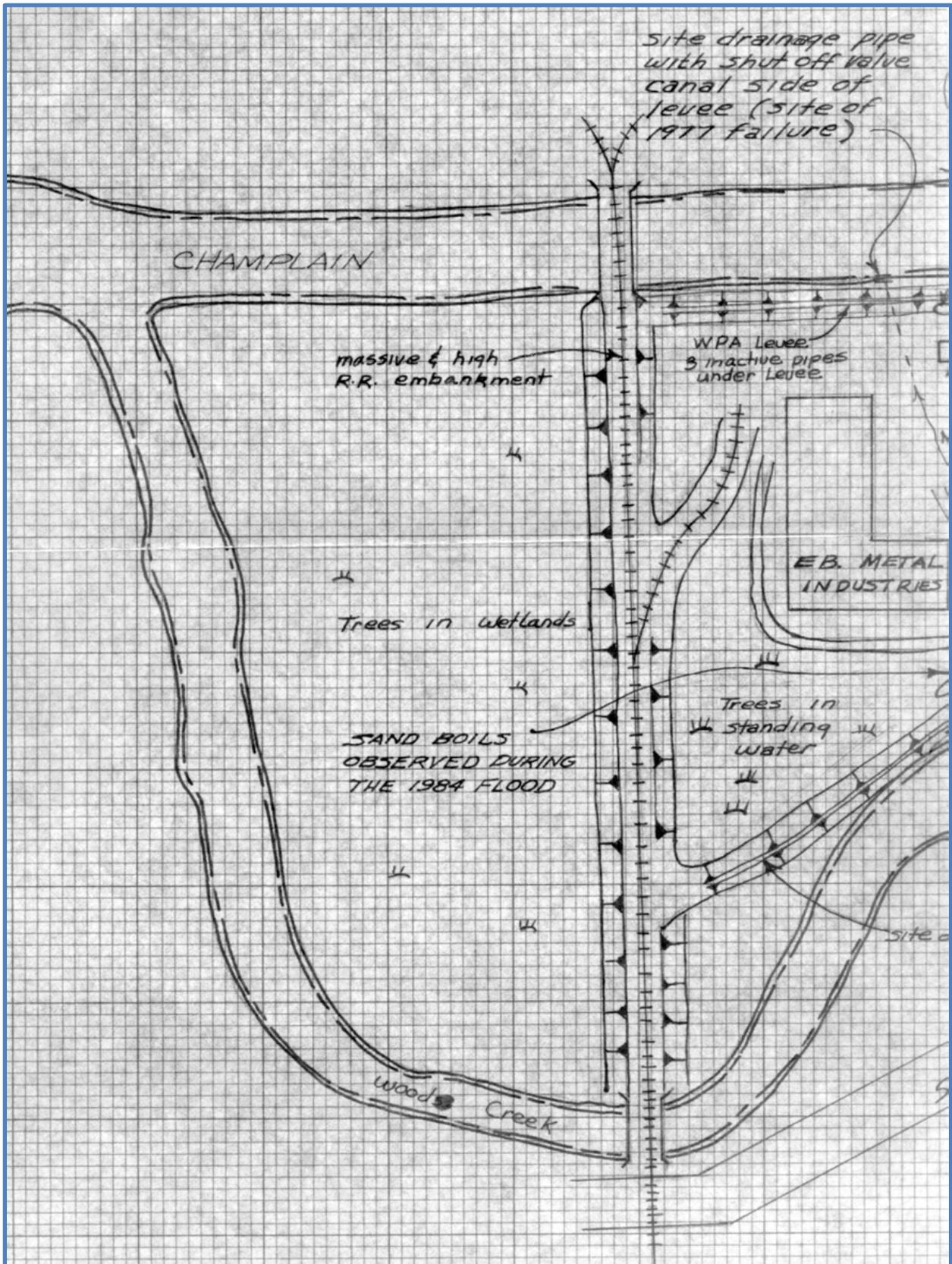
CONSTRUCTION

Rehabilitation involved the following:

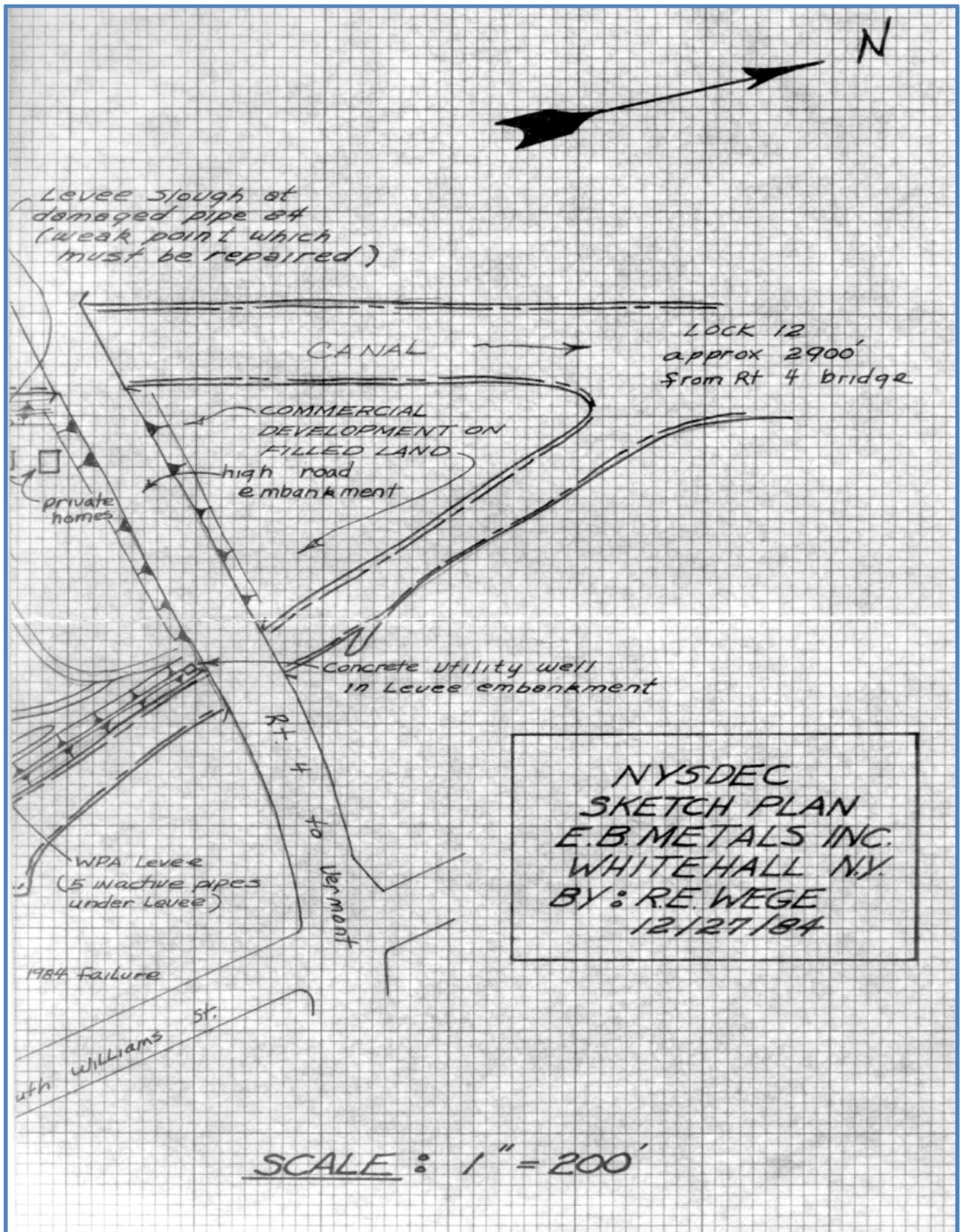
- Removal of woody growth and trees from the levee embankments and near the levee toe. Stumps were to be removed for trees 6 inches in diameter or greater.
- Plug and/or removal of 7 or 8 inactive pipes under levee embankments.
- Construct a new drainpipe under the levee, protecting the pipe from backflow with flap and sluice gates.
- Construct an earthen berm at select locations to improve the levee embankment.
- Seed and maintain vegetation on the rehabilitated levee embankment.

The project was completed in 1986. The New York funded improvement cost was \$150,000.

WHITEHALL - GENERAL PLAN



WHITEHALL - GENERAL PLAN (CONTINUED)



WHITEHALL - BIRD'S EYE VIEW



WHITEHALL - GENERAL PLAN AND AERIAL VIEW OVERLAY

