



# Saw Mill River at Elmsford and Greenburgh, NY

Flood Risk Management Project

As of: May 2011

U.S. ARMY CORPS OF ENGINEERS

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## DESCRIPTION

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Recurrent flooding along the Saw Mill River has caused damages to residential structures, commercial businesses, and industries as well municipal infrastructure. The Saw Mill River was broken into five project areas. Construction has been completed on the Yonkers, Ardsley and Chappaqua projects and the Yonkers Tie-in/Nepera Park projects. The Elmsford/Greenburgh project is in the planning and design phase. The project area is located along the Saw Mill River Road in the Village of Elmsford and Town of Greenburgh in Westchester County, New York.

Recent severe floods occurred in March and April of 1980, April 1984, and September 1999. The 1984 flood caused over \$2,000,000 dollars (Oct 1996 price level) in damages to residential, commercial, and industrial structures in the Elmsford/Greenburgh area as well as causing traffic and business interruptions. Flooding from Tropical Storm Floyd in September 1999 and April 2007 Nor'easter caused significant damage.

**AUTHORIZATION:** The Elmsford/Greenburgh project was authorized in the Flood Control Act of 1965. A series of studies were conducted and in 1989 a draft General Design Memorandum was issued with a recommended plan. The recommended project consists of 2.7 miles of channel modification on the Saw Mill River, 713 feet on Mine Brook, and a 1,414-foot diversion channel with low flow weir. Several bridges would require removal; one would be raised, and 210 feet of retaining wall constructed along the Saw Mill River between the Saw Mill Parkway bridges. Aquatic habitat would also be preserved through the use of instream habitat structures and the banks will be landscaped.

**STATUS:** Upon completion of the draft General Design Memorandum, study efforts were halted due to marginal economic justification and budgetary constraints. Recent review indicates that the project may be justified with other alternatives or changes to the existing plan. The State of New York and Elmsford/Greenburgh continue to support the project, but would like to see additional environmental features. Some preliminary meetings have been held with the Towns of Elmsford and Greenburgh to discuss possible changes to the previous plan. Corps is in the process of updating the Project Management Plan (PMP) for General Re-evaluation Report for design effort and will forward it to the New York State Department of Environmental Conservation (NYSDEC), the potential non-Federal sponsor for this project, for review. The Design Agreement will be executed once NYSDEC approves the PMP. The project will be cost shared at 50% Federal and 50% non-Federal.

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**CONGRESSIONAL DISTRICT: NY-18**