

HAVERHILL, MASSACHUSETTS
MERRIMACK RIVER BASIN FLOOD CONTROL PROJECT

Condition of Improvement, 30 September 1984

TYPE: Local Flood Protection - structural

LOCATION: The project is located along the Merrimack River and the Little River in the city of Haverhill, Essex County, Massachusetts.

AUTHORIZATION: Under authority of the Emergency Relief Appropriation Act (ERA) of 1936, approved 22 June 1936.

PROTECTED AREA: The project provides flood protection to commercial, residential and public property in the city of Haverhill.

PROJECT FEATURES: The project is composed of 3 main features: a concrete floodwall, the Little River Conduit, and a pumping station. The concrete floodwall is 2,250 feet long and approximately 30 feet high. A steel flood gate approximately 11 feet wide by 12 feet high is located at the eastern or downstream end of the floodwall. The Little River pressure conduit is approximately 2,000 feet long and rectangular in shape. The pump station and associated sewer facilities was constructed under the supervision of the city of Haverhill. The project is designed for a flood equal to a recurring 1936 event as modified by existing upstream reservoirs.

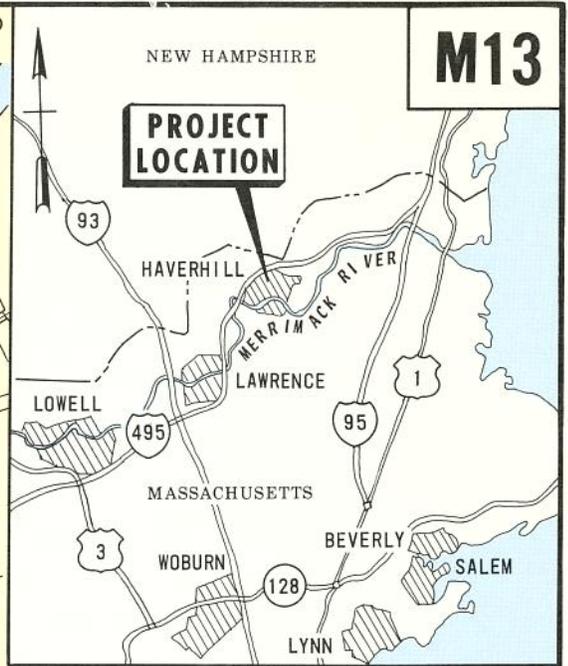
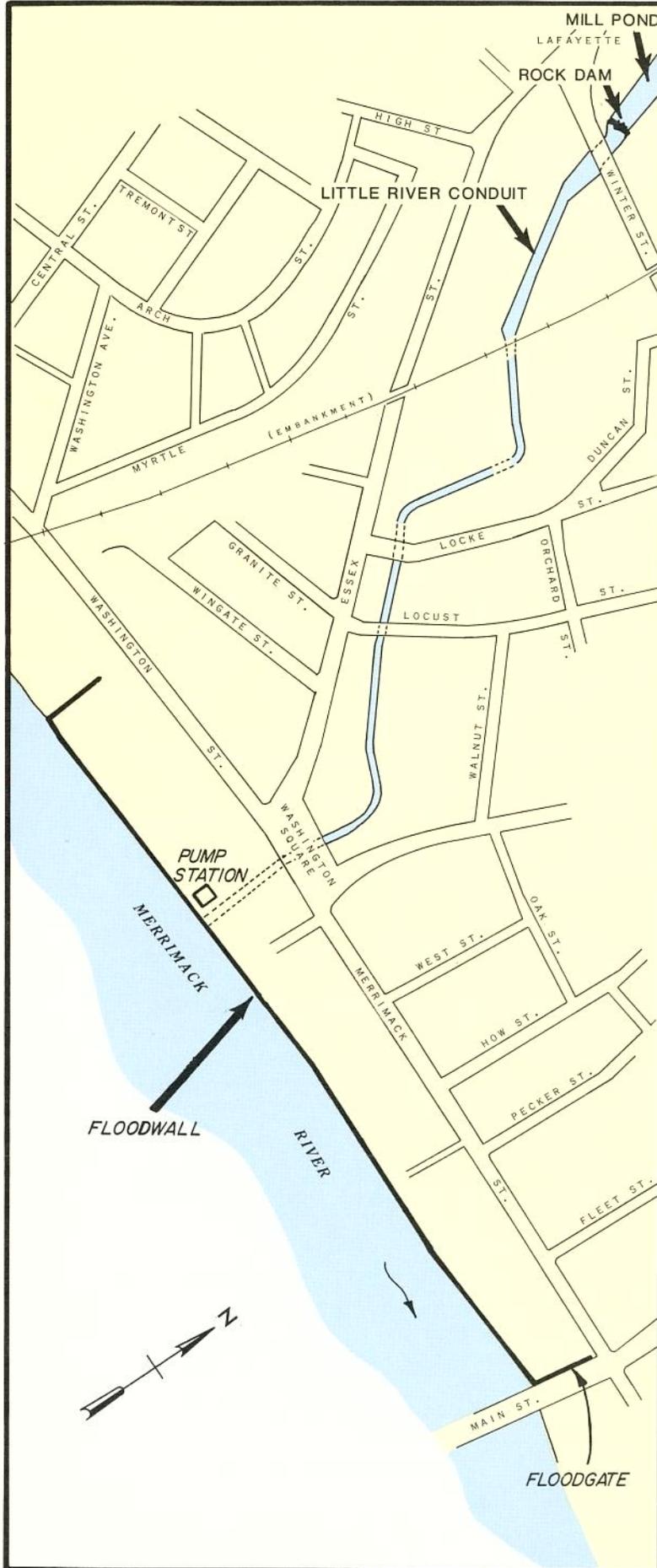
LOCAL COOPERATION: Operated and maintained by the city of Haverhill, Massachusetts.

PROGRESS OF WORK:

construction started:	January 1937
construction completed:	March 1938

COST OF CONSTRUCTION:

Federal (ERA):	\$1,743,000
Non-Federal:	<u>120,000</u>
TOTAL	\$1,863,000



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PROJECT LOCATION

VICINITY MAP

SCALE IN MILES



**MERRIMACK RIVER FLOOD CONTROL
HAVERHILL MASS.**

LOCAL PROTECTION PROJECT
GENERAL PLAN

30 SEPTEMBER 1984

MERRIMACK RIVER MASSACHUSETTS

SCALE IN FEET
100 0 100 200

