

COCHECO RIVER (FARMINGTON), NEW HAMPSHIRE

Condition of Improvement, 30 September 1990

TYPE: Local Flood Protection - structural

LOCATION: The project is located along the Cocheco River in the Piscataqua River Basin at Farmington, Strafford County, New Hampshire.

AUTHORIZATION: The original project was authorized by the Chief of Engineers on 22 August 1954 through Section 205 of the 1948 Flood Control Act. Subsequent additional project work was authorized by the Chief of Engineers on 17 April 1957 through Section 205 of the 1948 Flood Control Act. Restoration and modification of the original project was authorized by the Chief of Engineers on 11 July 1963 through Section 205. Additional emergency repairs to the original project was authorized by the Chief of Engineers on 3 September 1984 through Public Law 84-99.

PROTECTED AREA: The project protects about 45 acres of the center of Farmington from a flood greater than the 1936 flood of record. Located in this area are Farmington's major industry, commercial establishments, and residences.

PROJECT FEATURES: The portion above the South Main Street bridge, completed in November 1956, consisted of enlarging and straightening about 3,100 feet of the Cocheco River from the Central Street bridge to the South Main Street bridge, constructing about 3,000 feet of earth dike and 150 feet of concrete floodwall along the left bank of the river, and straightening about 600 feet of the Mad River at its confluence with the Cocheco.

The portion below South Main Street bridge was completed in October 1961. The basic work had been completed in November 1959, but modification and repair of a section of the right bank was required as a result of flood damage in 1960. This channel improvement work consisted of widening and deepening about 4,000 feet of the Cocheco River downstream of the South Main Street bridge, diking about 200 feet along the left bank just downstream of the bridge, improving the lower end of Dames Brook, and snagging and clearing an additional 700 feet of channel downstream from the lower limit of the channel improvement.

Restoration of the protective works was started in September and completed in December 1964. The project was turned over to the town for operation and maintenance in January 1965. The work included channel widening and reshaping, stone slope protection at areas subject to severe erosion, and construction of a deflecting stone groin at the confluence of the Mad and Cocheco Rivers.

The emergency repair work authorized on 3 September 1984 was requested following the storm of 5-7 April 1984 during which significant toe erosion occurred along the project dike upstream of South Main Street Bridge. The proposed solution is to riprap and repair a pipe. The total length of repair work is 520 feet.

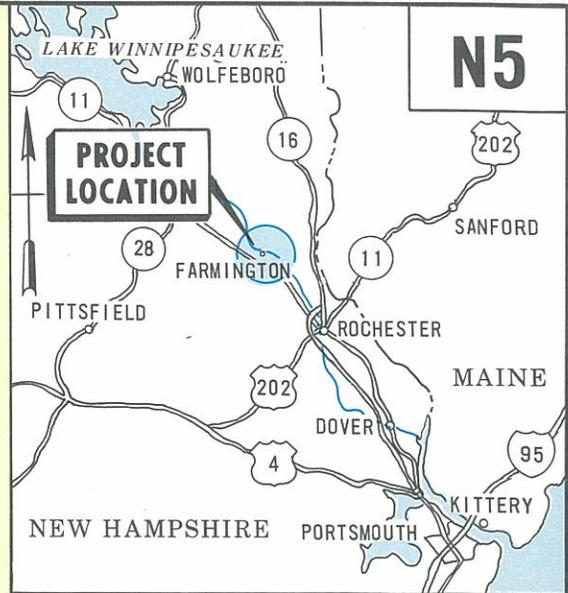
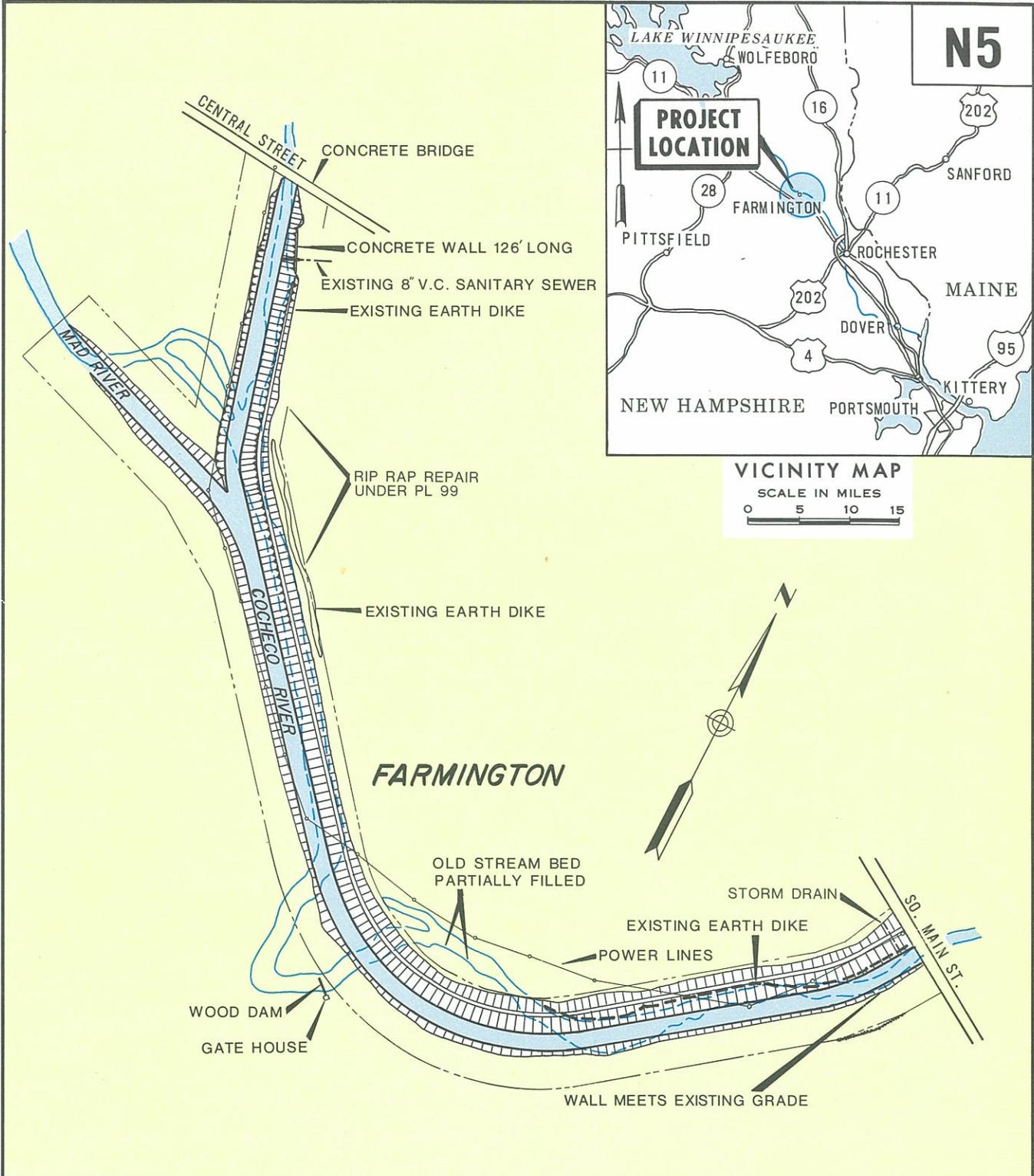
LOCAL COOPERATION: Operated and maintained by the town of Farmington, New Hampshire.

PROGRESS OF WORK:

Original Project (work authorized in 1954):	
construction started:	June 1956
construction completed:	October 1961
Restoration:	
construction started:	September 1964
construction completed:	December 1964
Emergency Repairs:	
construction start:	September 1985
construction complete:	October 1985
Additional Project (work authorized in 1957):	
construction start:	June 1959
construction complete:	October 1961

COST OF CONSTRUCTION:

Work through December 1964:	
Federal:	\$183,100
Non-Federal:	<u>0</u>
TOTAL	\$183,100
Emergency Repairs	
Federal:	\$133,500
Non-Federal:	<u>0</u>
TOTAL	\$133,500



N5



COCHECO RIVER FLOOD CONTROL
COCHECO RIVER, N.H.
(FARMINGTON)

AUTHORIZED BY CONGRESS
30 SEPTEMBER 1984
COCHECO RIVER NEW HAMPSHIRE

