

WEST WARREN, MASSACHUSETTS
CONNECTICUT RIVER BASIN FLOOD CONTROL PROJECT

Condition of Improvement, 30 September 1984

TYPE: Local Flood Protection - structural

LOCATION: The project is located along the Quaboag River near the center of the town of West Warren, Worcester County, Massachusetts.

AUTHORIZATION: Authorized by the Chief of Engineers on 17 May 1960 through Section 205 of the 1948 Flood Control Act.

PROTECTED AREA: The project affords flood protection to the industrial complex along the south bank of the Quaboag River and to industrial and railroad property along the north bank.

PROJECT FEATURES: Project consists of 326 feet of concrete and sheet piling wall; 122 feet of concrete T-wall, including a gated intake structure; a concrete buttress wall; an earth dike with rock slope protection; 1,250 feet of channel excavation; approximately 2,245 feet of rock slope protection along the river banks, and 450 feet of rock protection on the channel bottom. In addition the north pier footings of the South St. Bridge were replaced. The project design flood is 11,000 cfs.

LOCAL COOPERATION: Operated and maintained by the town of West Warren, Massachusetts.

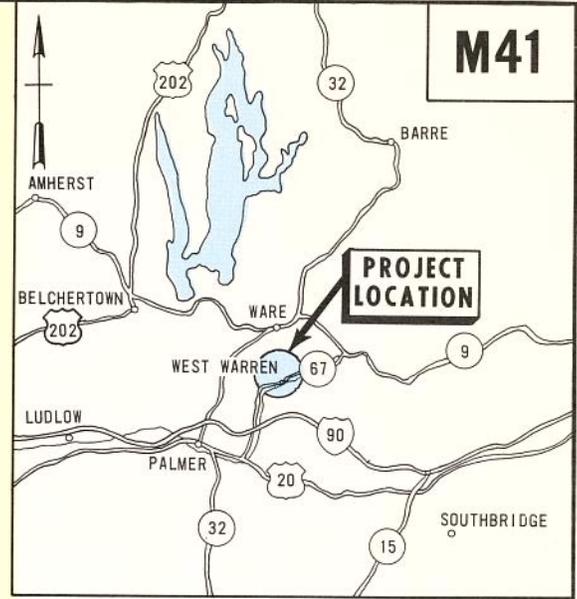
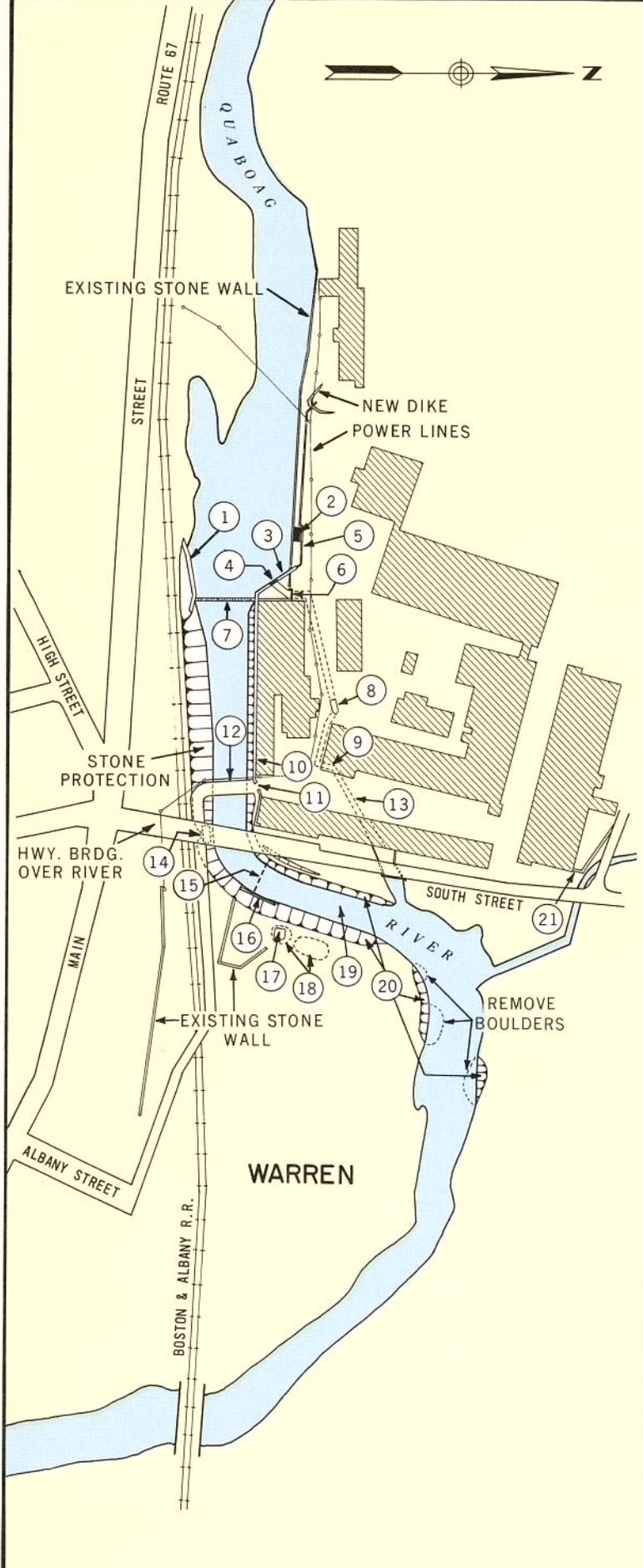
PROGRESS OF WORK:

construction started:	July 1962
construction completed:	November 1963

COST OF CONSTRUCTION:

Federal:	\$389,200
Non-Federal:	<u>41,000</u>
TOTAL	\$430,200

M41



VICINITY MAP
SCALE IN MILES
5 0 5

- 1 EXISTING CONCRETE WALL
- 2 EXISTING PUMP HOUSE
- 3 NEW CONCRETE T WALL
- 4 NEW GATES
- 5 NEW CONCRETE AND SHEET PILING I WALL
- 6 EXISTING INTAKE STRUCTURE
- 7 EXISTING ROCK DAM
- 8 EXISTING HEADRACE
- 9 EXISTING PENSTOCK
- 10 NEW CONCRETE WALL ON INSIDE OF BLDGS.
- 11 EXISTING STOP LOG STRUCTURE
- 12 EXISTING STONE ARCH BRIDGE
- 13 EXISTING TAILRACE
- 14 EXT. BRDG. PIER TO BE NEW CONC. FOOTING
- 15 EXISTING OIL PIPELINE BRIDGE
- 16 REMOVE EXISTING STONE WALL
- 17 EXISTING FUEL PUMP HOUSE
- 18 EXISTING UNDERGROUND OIL STORAGE TANKS
- 19 CHANNEL EXCAVATION AND STONE PROTECTION
- 20 STONE PROTECTION
- 21 EXISTING CONCRETE WALL

CONNECTICUT RIVER FLOOD CONTROL
WEST WARREN MASS.
 SMALL FLOOD CONTROL PROJECT
 NOT SPECIFICALLY AUTHORIZED BY CONGRESS
 30 SEPTEMBER 1984
 QUABOAG RIVER MASSACHUSETTS
 SCALE IN FEET
 100 0 100 200
 NEW ENGLAND DIVISION WALTHAM, MASS.