

SPRINGFIELD, MASSACHUSETTS
CONNECTICUT RIVER BASIN FLOOD CONTROL PROJECT

Condition of Improvement, 30 September 1984

TYPE: Local Flood Protection - structural

LOCATION: Located in the city of Springfield, Hampden County, along the east bank of the Connecticut River, 76 miles above its mouth.

AUTHORIZATION: Authorized by the Congress on 28 June 1938 through the Flood Control Act of 1938 as amended by the Act of 1941.

PROTECTED AREA: The project provides flood protection to important railroad, industrial and commercial property, in addition to numerous small commercial buildings and residences.

PROJECT FEATURES: Provides for approximately 700 feet of earth levee, 13,000 feet of concrete floodwall, 17,000 feet of concrete conduit wing walls along the Mill River, one pumping station and appurtenant drainage facilities to supplement the city system of interior drainage disposal. The walls and levees are designed to protect against a flood greater than any of record reduced by upstream reservoirs. The project design flood is 230,000 cfs along the Connecticut River and 4,300 cfs along the Mill River.

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

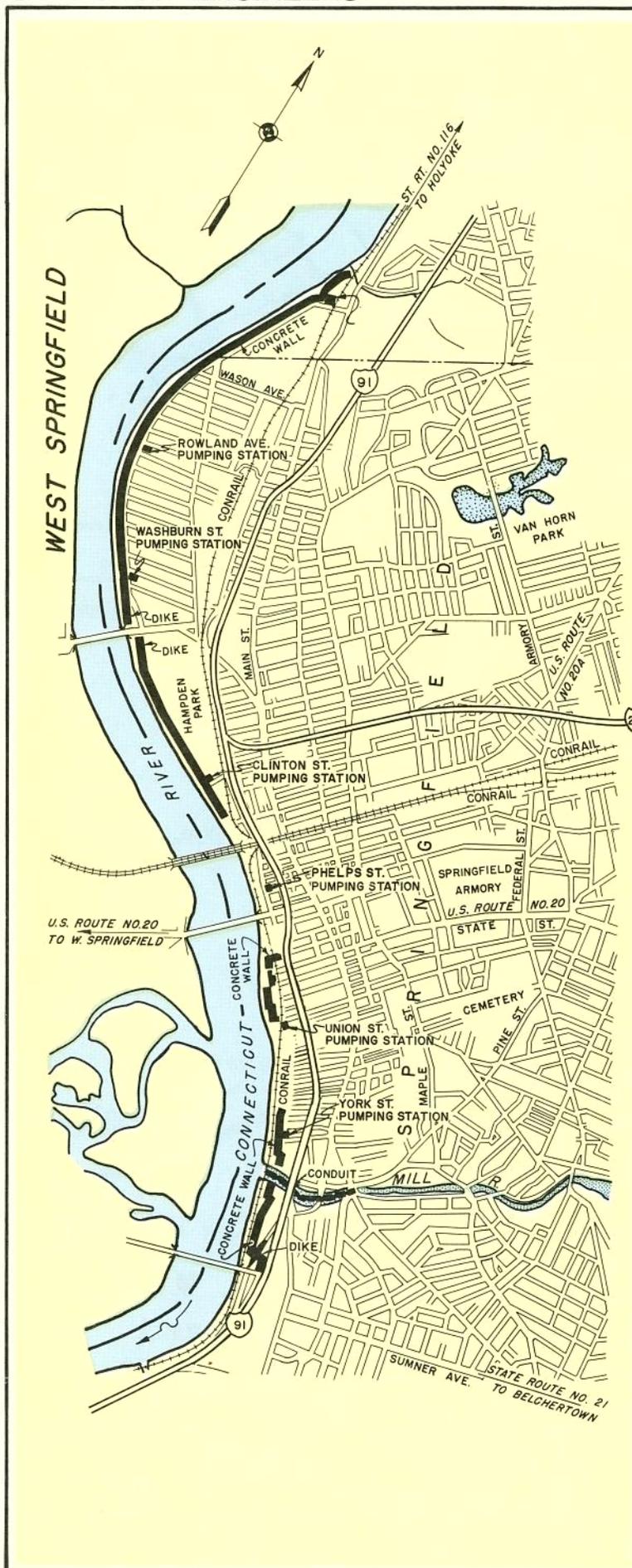
PROGRESS OF WORK:

construction started:	December 1938
construction completed:	December 1948

COST OF CONSTRUCTION:

Federal:	\$932,000 *
Non-Federal:	<u>5,350</u>
TOTAL	\$937,350

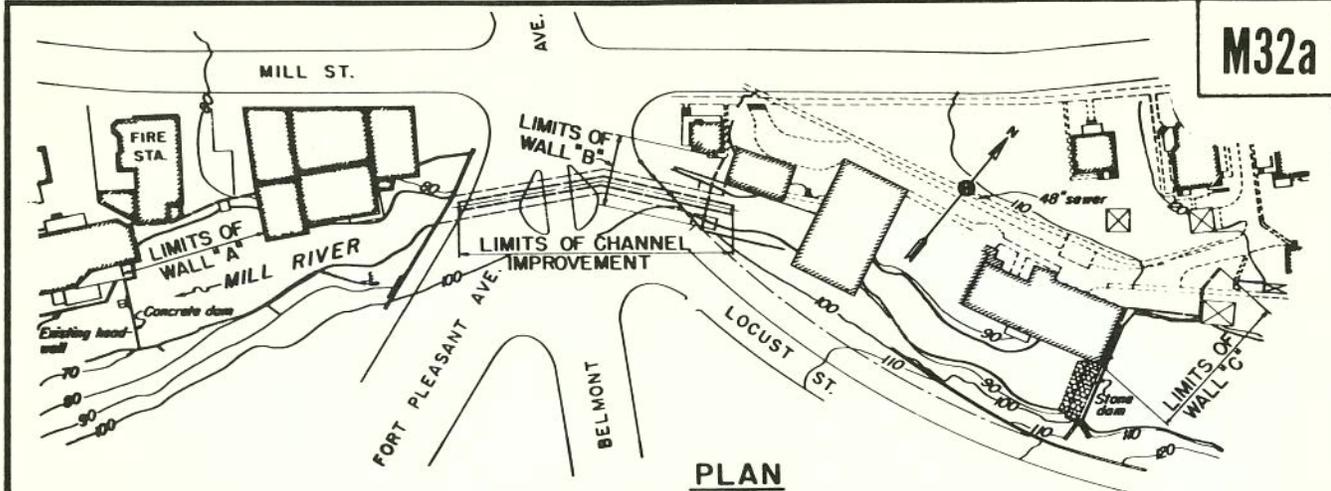
* Includes \$355,000 Public Works Administration funds



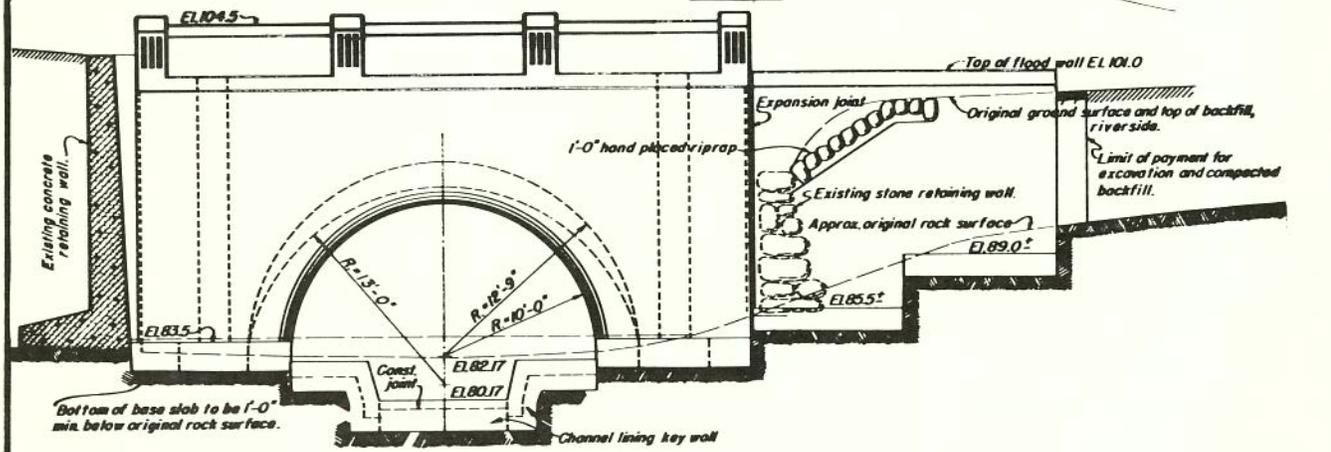
VICINITY MAP
SCALE IN MILES
0 1 2

CONNECTICUT RIVER FLOOD CONTROL
SPRINGFIELD, MASS.
 LOCAL PROTECTION PROJECT
GENERAL PLAN
 CONNECTICUT RIVER MASSACHUSETTS
 30 SEPTEMBER 1984
 SCALE IN FEET
 1600' 0 1600' 3200'
 NEW ENGLAND DIVISION WALTHAM, MASS.

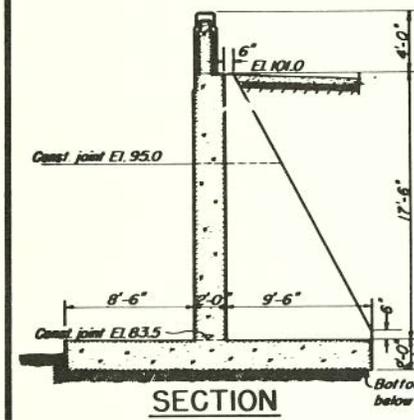
M32a



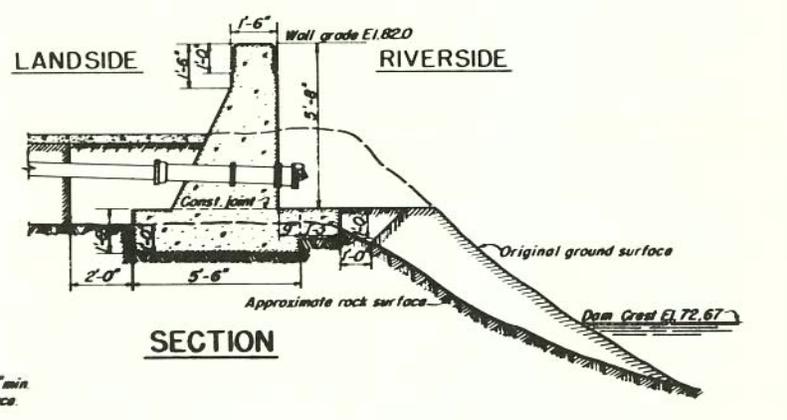
PLAN



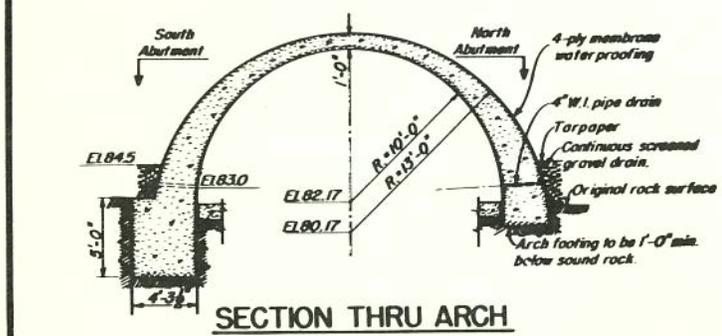
DEVELOPED RIVERSIDE ELEVATION OF HEADWALL AND FLOODWALL



SECTION



SECTION



SECTION THRU ARCH

CONNECTICUT RIVER BASIN
SPRINGFIELD, MASS.
 MILL RIVER FLOOD WALLS
 30 SEPTEMBER 1976

CONNECTICUT RIVER MASSACHUSETTS
 NOT TO SCALE
 New England Division Waltham, Mass.