

WOONSOCKET, RHODE ISLAND
BLACKSTONE RIVER BASIN FLOOD CONTROL PROJECT

Condition of Improvement, 30 September 1984

TYPE: Local Flood Protection - structural

LOCATION: On the Blackstone River extending from the center of the city of Woonsocket upstream approximately 8,300 feet to the vicinity of the Massachusetts-Rhode Island State line in North Smithfield in Providence County, Rhode Island.

AUTHORIZATION: Authorized by the Congress on 22 December 1944 through the Flood Control Act of 1944.

PROTECTED AREA: The project provides complete protection to that portion of Woonsocket upstream of South Main Street against flood flows equal to the August 1955 flood. Protection is provided to about one-half of the industrial properties in the city as well as homes, commercial establishments extensive transportation facilities and public utilities.

PROJECT FEATURES: The project includes the replacement of the Woonsocket Falls Dam with a new concrete overflow dam 266 feet long. The dam is equipped with four taintor gates. The project also includes the widening, deepening and straightening of the river channel for a distance of 8,300 feet upstream of the dam. Included also, is a pumping station, 1,115 feet of earth dike and 316 feet of concrete floodwall. Channel modification required the replacement of the Singleton Street Bridge. The underpinnings of a railroad bridge and modifications to a second railroad bridge. The project design flood is 30,000 cfs.

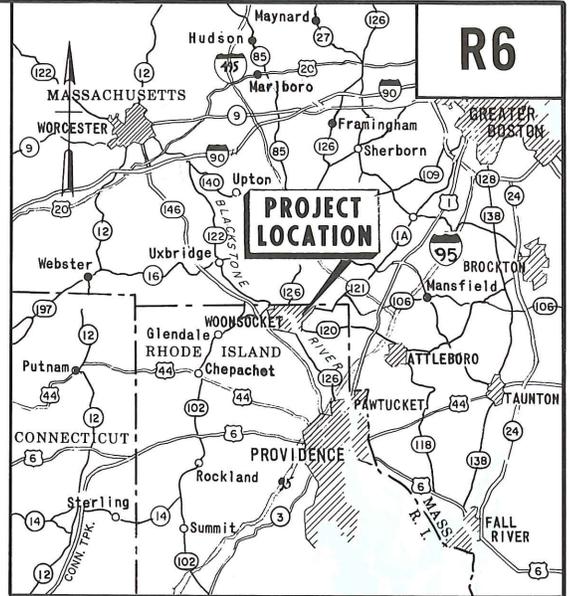
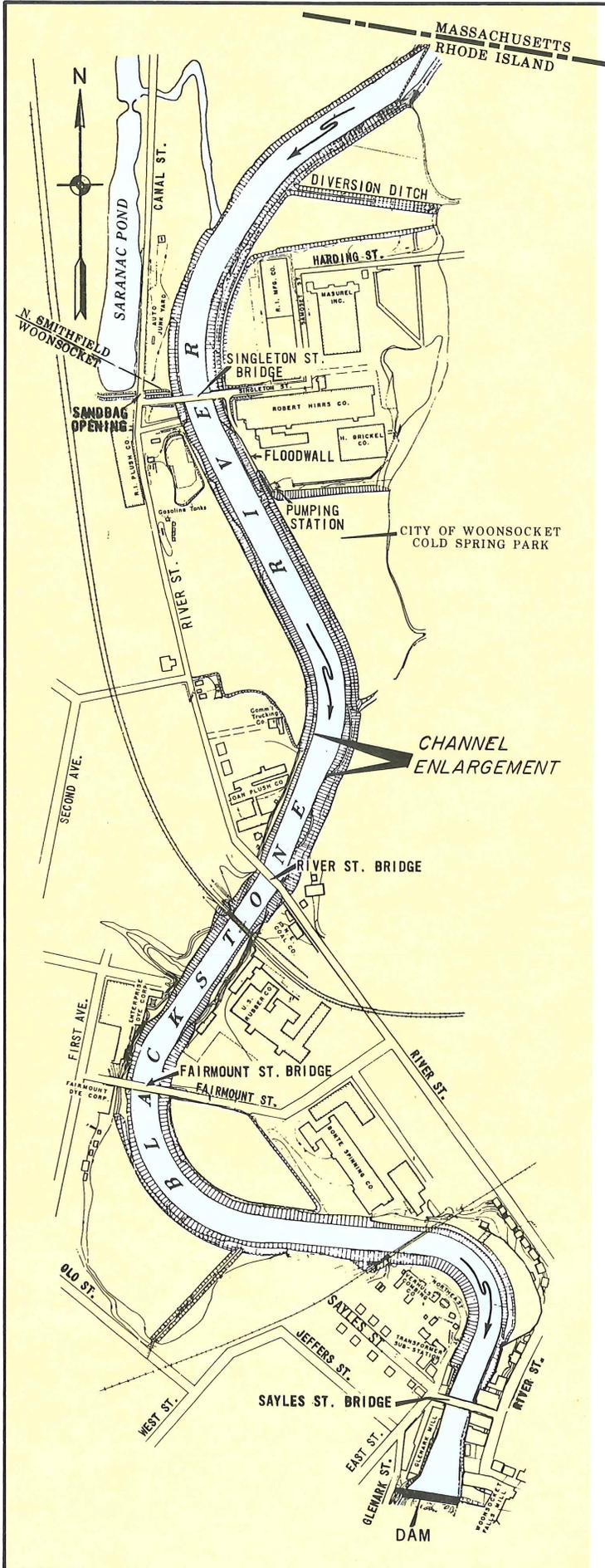
LOCAL COOPERATION: Operated and maintained by the city of Woonsocket, Rhode Island.

PROGRESS OF WORK:

construction started:	July 1956
construction completed:	April 1960

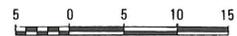
COST OF CONSTRUCTION:

Federal:	
construction	\$4,040,000
lands & damages	1,171,000
Non-Federal:	224,500
TOTAL	<u>\$5,435,500</u>



VICINITY MAP

SCALE IN MILES



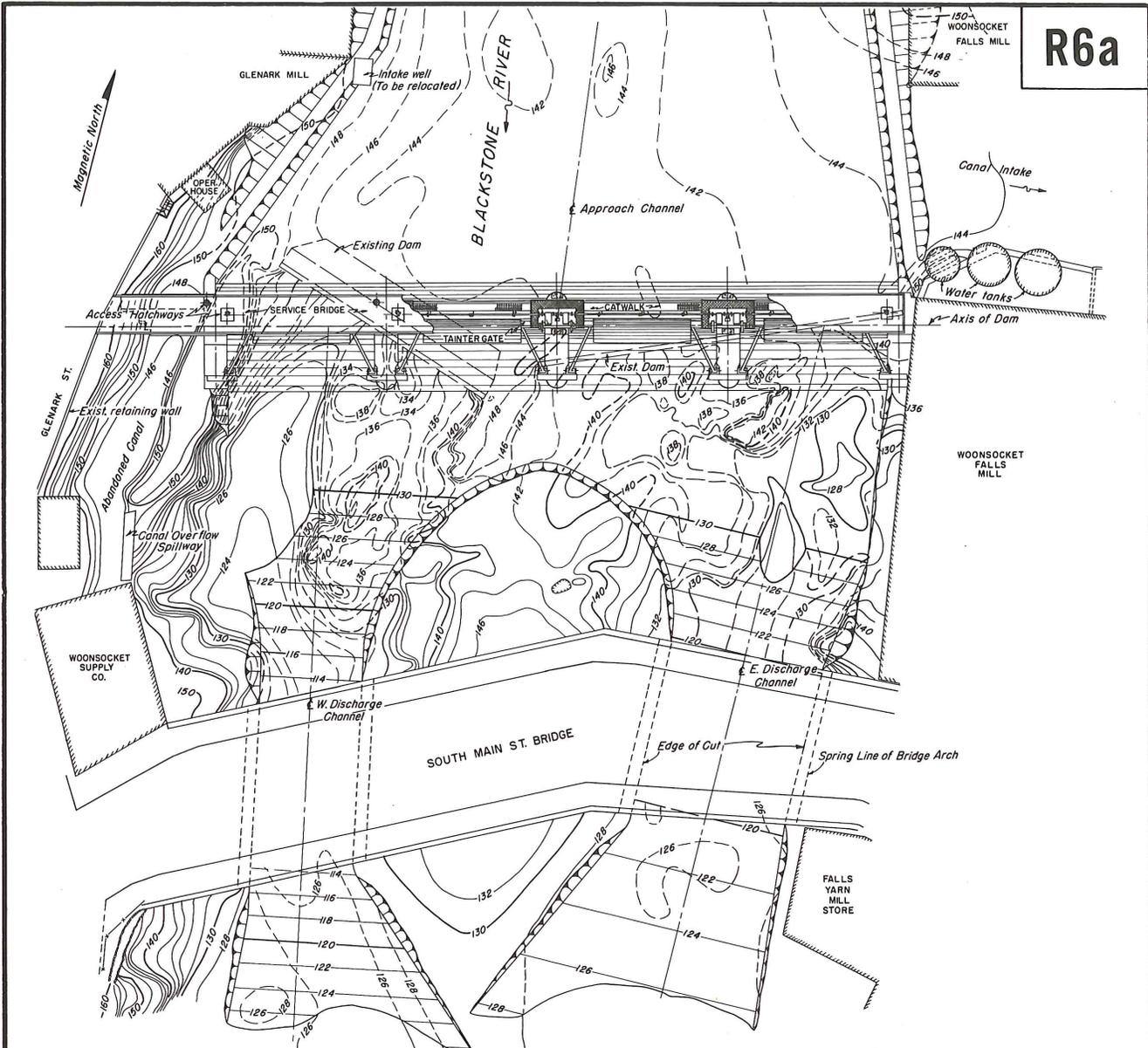
BLACKSTONE RIVER FLOOD CONTROL
WOONSOCKET, R.I.
 LOCAL PROTECTION
 GENERAL PLAN
 30 SEPTEMBER 1984

BLACKSTONE RIVER **RHODE ISLAND**
 SCALE IN FEET

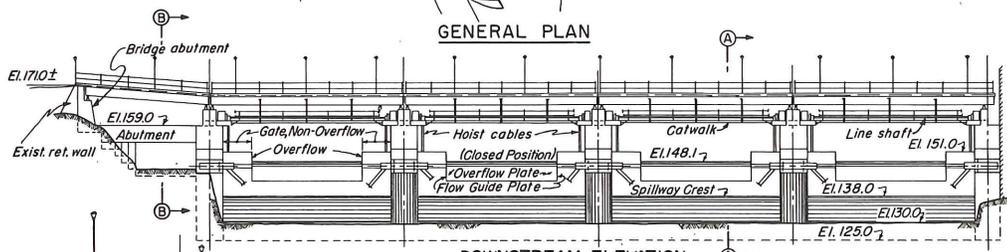


NEW ENGLAND DIVISION **WALTHAM, MASS.**

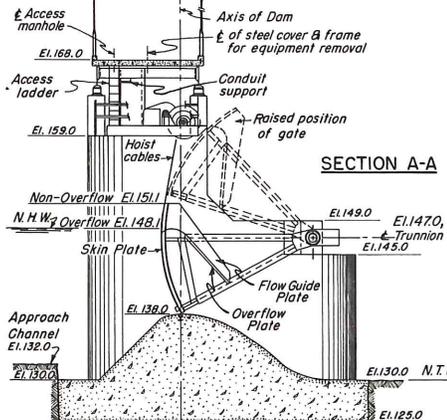
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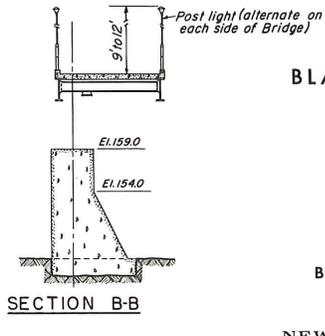
GENERAL PLAN



DOWNSTREAM ELEVATION



SECTION A-A



SECTION B-B

BLACKSTONE RIVER FLOOD CONTROL
WONSOCKET, R.I.
 LOCAL PROTECTION PROJECT
 PLAN, ELEVATION & SECTIONS

30 SEPTEMBER 1984

BLACKSTONE RIVER, RHODE ISLAND

NOT TO SCALE

NEW ENGLAND DIVISION WALTHAM, MASS.