

American Canal Society Canal Structure Inventory

May be REVISED after completion of all structures

Structure <u>Under construction; New dam & 3-locks; Pumping station;</u>		Canal <u>Charles River Basin</u>	HAER/CEHR Condition <u>(All New)</u>
State/Province <u>Mass.</u> County <u>Suffolk</u>		Designer(s) <u>USA Corps of Engineers</u>	
City/Town <u>Boston</u>		Contractor/ <u>Builder</u> <u>424 Trapelo Rd. Waltham, Ma.</u>	
Street <u>At former Warren Ave Bridge</u>		Source of Material <u>Local</u>	
Associated Waterway <u>Charles River</u>		DATES OF CONSTRUCTION	
TOPOGRAPHIC MAP <u>Boston South</u>		Start <u>1974</u>	Rebuilding <u>No</u>
UTM Coordinates <u>19.330230.4692520</u>		Completion <u>Due 1977</u>	Abandoned <u>No</u>
History & Use in Service; Use Since Abandonment: This site with a new dam, 3-locks and a pumping station are now under construction. Expected completion late 1977. Following extended controversy over the best remedy, construction of a new \$35 million dam was started in 1974 by the U.S. Army Corps of Engineers in conjunction with the Metropolitan District Commission, financed largely by Federal Funds. The site is at the abandoned Warren Ave. Bridge, about 1/2 mile below the existing dam. Its most vital feature is the flood control capability of 6 huge pumps that can nearly empty 4 million gallons per minute from the basin at any tide level. When this project is completed it will <u>replace</u> the present lock at the present dam. Thus greatly increasing navigation facilities to river and harbor.			
Description (Visible Remains at the site): At this time <u>visible remains</u> will not be quoted due to construction. But the following structures will be built. A 1200 ft. dam containing (2) recreation navigation locks, 200 ft. long and 22 ft. wide. (1) large commercial lock 300 ft. long and 40 ft. wide. Other facilities are a 400 ft. walkway that connects the pumping station and navigation locks. A patrol boat building for the MDC Police. A Fishway for up-river access and an <u>enclosed</u> public viewing area will overlook the pumping equipment and locks. Completing the complex will be the Paul Revere Landing Park on the Charlestown side, with landscaped parking area at the Boston end. Moving a single boat through the small locks in 2 to 5 minutes. Through large lock in 4 to 10 minutes.			
Other works or events associated with site: Construction of this new dam and three locks, along with the huge pumping station will greatly relieve the former flood control problems of the past years. Flood damage in time of hurricanes ran into the millions, with lesser damage from spring flooding.			
Present Property Owners: <u>Commonwealth of Mass. Metropolitan District Commission</u>		Location of Deed Description: <u>Same</u>	
Bibliography (Published, unpublished mss, maps, photographs): <u>U.S. Army Corps of Engineers</u> <u>Metropolitan District Commission</u>			
Agencies, XXXXXX Interested XXXXXXXXXXXXXXXXXXXX <u>Same as above</u> <u>U.S. Coast Guard (boating regulations)</u>		National Register/CEHR, Other Recognition: <u>?</u>	
Investigation made by: <u>Alden W. Gould (ACS)</u>			Date: <u>9/29/76</u>
Address: <u>12 Shady Crest Drive, Nashua, N.H. 03060</u>			
RETURN TO: <u>Peter Stott</u>			

A sketch map or illustration of the site should be included on the reverse.