

Massachusetts Cultural Resource Information System

Scanned Record Cover Page

Inventory No:	SBR.911
Historic Name:	Sudbury Dam
Common Name:	
Address:	Rt 30
City/Town:	Southborough
Village/Neighborhood:	Fayville
Local No:	7-2
Year Constructed:	c 1893
Architect(s):	Moulton and O'Mahoney
Architectural Style(s):	
Use(s):	Other Engineering; Utilities Other
Significance:	Community Planning; Engineering
Area(s):	SBR.F: Sudbury Dam Historic District sbr.i: Water Supply System of Metropolitan Boston
Designation(s):	Nat'l Register District (1/18/1990); Nat'l Register TRA (1/18/1990)
Building Materials(s):	



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Commonwealth of Massachusetts
Massachusetts Historical Commission
220 Morrissey Boulevard, Boston, Massachusetts 02125
www.sec.state.ma.us/mhc

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NRDIS/TRA 1/18/90

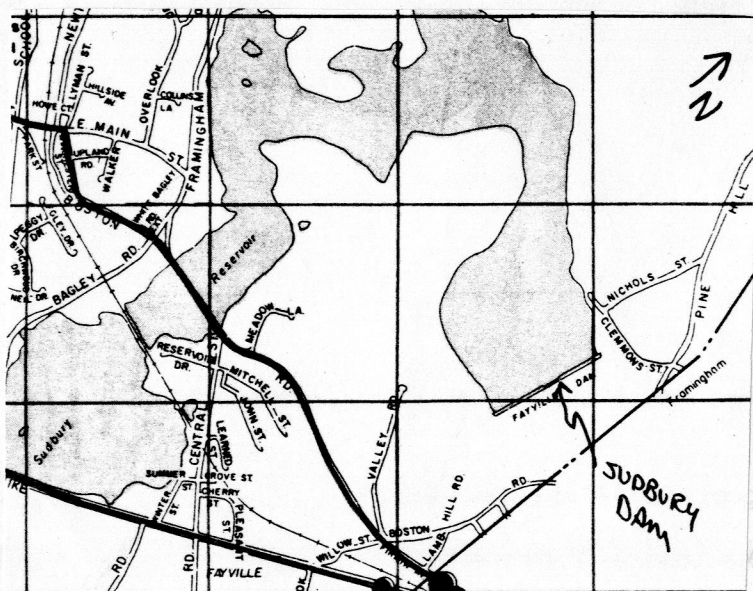
FORM F - STRUCTURE

PI-FAY
USGS-FRAMMASSACHUSETTS HISTORICAL COMMISSION
Office of the Secretary, State House, Boston

In Area no. 7-1	Form no. 7-2 911
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4. Map. Draw sketch of structure location in relation to nearest cross streets, buildings, other structures, natural features. Indicate north.

DO NOT WRITE IN THIS SPACE
USGS Quadrant _____

MHC Photo no. _____

1. Town SouthboroughAddress North of U.S. Rte 30, in
village of FayvilleName Sudbury DamPresent use DamPresent owner MDC-Boston

3. Type of structure (check one)

bridge	_____	pound	_____
canal	_____	powder house	_____
dam	<u>x</u>	street	_____
fort	_____	tower	_____
gate	_____	tunnel	_____
kiln	_____	wall	_____
lighthouse	_____	windmill	_____

other _____

5. Description

Date 1893-1898Source Metro. Water Board, 3rd AnnualReport (1898): 37, 64, 72

Construction material Earth, concrete,
 rubble and cut stone
 Dimensions 1865' at Water line, with
300' spillway, approx. 70' high
 Setting In Broad Valley, above Sud-
bury Dept. Offices-area Landscaped
with maples and conifers

Condition Good6. Recorded by M.H. BowersOrganization Louis Berger & AssociatesDate February 1984

(over)

7. Original owner (if known) Metropolitan Water BoardOriginal use To dam Stony Brook on the North Sudbury Watershed

8. Historical significance

This dam was built to create Sudbury Reservoir, and thus collect water from the Stony Brook branch of the Sudbury River (the south branch had been developed previously through construction of Reservoirs #1, 2, and #4). Utilization of the Sudbury River was begun by the city of Boston, which built the south Sudbury Reservoirs, Sudbury Aqueduct, and Framingham Reservoirs #1, 2, 3 and 4 in the 1870's. With creation of the Metropolitan Water District, these, as well as the Sudbury Reservoir and Dam (then under construction) were taken from Boston, and the latter were completed under the Metropolitan Water Board.

The dam consists of an earth embankment with a concrete core wall, and a 300' spillway of rubble and cut stone at the center. At the north end of the spillway is the gatechamber (see structure form). It was built by Moulton & O'Mahoney of Boston.

9. Bibliography and/or references such as local histories, deeds, assessor's records, early maps, etc.

Metropolitan Water Board, 2nd Annual Report (1897):13; 3rd Annual Report (1898):37, 64, 72.

Metropolitan Water Board contract with Moulton & O'Mahoney, 27 July 1893.

MDC Drawing Files, Case 19, Drawer 101.