

NBC 05 1989

MDC - TRA, MASS.

2292

AREA	FORM NO.
	10-3

MASSACHUSETTS HISTORICAL COMMISSION
80 BOYLSTON STREET
BOSTON, MA 02116

Photo (3"x3" or 3"x5" black and white)
Indicate address on back of photo.
Staple to left side of form.

Town West BoylstonAddress Thomas Street, village of OakdaleName Quinepoxet River BridgeOwnership: MDC Public
Private

Type of Structure (check one):

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

Sketch Map: Draw map showing structure's location
in relation to nearest cross streets, buildings
and/or geographical features. Indicate all
buildings between inventoried property and nearest
intersection.
Indicate north.

See U.S.G.S. map

DESCRIPTION

Date 1903Source Metro. Water & Sewerage Board, An-
nual Report 1904Architect Engineer/Designer (if known):
Metropolitan Water BoardConstruction material concrete, graniteAlterations (with dates) NDCondition goodMoved ND Date Acreage less than oneSetting small-scale residential-commercial,
wooded to south and westRecorded by Martha BowersOrganization Louis Berger & Associates, Inc.Date March 1984; revised 1989UTM REFERENCE 19/269690/4696100USGS QUADRANGLE Worcester NorthSCALE 1:25,000

NATIONAL REGISTER CRITERIA STATEMENT (if applicable)

This bridge is significant as illustrative of highway bridge design and construction associated with development of the metropolitan Boston water supply system between 1845 and 1926. The design of the bridge is unusual within the system, in that the arches of the three spans do not spring from discrete piers, but rather form the upper portions of openings which in cross section resemble sections of masonry aqueduct. This, along with the Ash Street Bridge (D12-4) on the Weston aqueduct, constitutes one of two examples of this type of construction in the system. The Quinepoxet River bridge, with its three

ARCHITECTURAL SIGNIFICANCE Describe important design features and evaluate in terms of other structures within the community. (see continuation sheet)

This bridge carries Thomas Street over the Quinepoxet River in the village of Oakdale in West Boylston, at the point where the river enters Wachusett Reservoir. The bridge is about 32½ feet wide, 95 feet long and 20 feet high. A monolithic concrete base carries the three arched segments and serves as a "floor", paved with stone, over which water moves as it passes beneath the arches. The bridge is sheathed with quarryfaced granite. The paving beneath the arches is extended about 25 feet upstream and nearly 60 feet downstream from the bridge to prevent scouring. The approaches are carried on fill embankment and extend about 30 feet beyond each end of the bridge, for an overall roadway length of about 150 feet.

HISTORICAL SIGNIFICANCE Explain historical importance of structure and how the structure relates to the development of the community.

The Quinepoxet River Bridge was built in 1903 from designs generated by the engineering staff of the Metropolitan Water Board under Frederic P. Stearns, and was built in association with development of Wachusett Reservoir. Contractor for the work was George M. Atkins Co., of Washington, D.C.

It is associated with development of the Wachusett Reservoir (see Area G) and the third phase of development of the metropolitan Boston water system. Please refer to Overview, Section 8, pp. 7-10 for further information

BIBLIOGRAPHY and/or REFERENCES

Metropolitan Water & Sewerage Board Annual Report, 1904.

INVENTORY FORM CONTINUATION SHEET

MASSACHUSETTS HISTORICAL COMMISSION
Office of the Secretary, Boston

Community:
West Boylston

Form No:
10-3

Property Name: Quinepoxet River Bridge

Indicate each item on inventory form which is being continued below.

NATIONAL REGISTER CRITERIA STATEMENT

spans, is the larger of the two. The Quinepoxet Bridge retains integrity of location, design, materials, workmanship and setting, and meets National Register Criterion C. The boundaries of this property encompass a rectangle measuring approximately 150' north-south, and 181' east-west, an area sufficient to enclose the bridge and its approaches, the upstream apron and abutments, and the downstream apron and abutments.

Staple to Inventory form at bottom

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES
EVALUATION/RETURN SHEET

REQUESTED ACTION: NOMINATION

PROPERTY Quinepoxet River Bridge
NAME:

MULTIPLE Water Supply System of Metropolitan Boston MPS
NAME:

STATE & COUNTY: MASSACHUSETTS, Worcester

DATE RECEIVED: 12/05/89 DATE OF PENDING LIST: 12/19/89
DATE OF 16TH DAY: 1/04/90 DATE OF 45TH DAY: 1/19/90
DATE OF WEEKLY LIST:

REFERENCE NUMBER: 89002292

NOMINATOR: STATE

REASONS FOR REVIEW:

APPEAL: N DATA PROBLEM: N LANDSCAPE: N LESS THAN 50 YEARS: N
OTHER: N PDIL: N PERIOD: N PROGRAM UNAPPROVED: N
REQUEST: N SAMPLE: Y SLR DRAFT: Y NATIONAL: N

COMMENT WAIVER: N

___ ACCEPT ☒ RETURN ___ REJECT 1/18/90 DATE

ABSTRACT/SUMMARY COMMENTS:

*Please provide appropriate
USGS map and plot resource
on it.*

*Resource not found on attached
map, nor on any other USGS
quads submitted with the
nomination.*

RECOM./CRITERIA Return
REVIEWER Swall
DISCIPLINE Architectural History
DATE 01-18-90

DOCUMENTATION see attached comments Y/N see attached SLR Y/N

CLASSIFICATION

___count ___resource type

STATE/FEDERAL AGENCY CERTIFICATION

FUNCTION

___historic ___current

DESCRIPTION

___architectural classification
___materials
___descriptive text

SIGNIFICANCE

Period Areas of Significance--Check and justify below

Specific dates Builder/Architect
Statement of Significance (in one paragraph)

___summary paragraph
___completeness
___clarity
___applicable criteria
___justification of areas checked
___relating significance to the resource
___context
___relationship of integrity to significance
___justification of exception
___other

BIBLIOGRAPHY

GEOGRAPHICAL DATA

___acreage ___verbal boundary description
___UTMs ___boundary justification

ACCOMPANYING DOCUMENTATION/PRESENTATION

___sketch maps ___USGS maps ___photographs ___presentation

OTHER COMMENTS

Questions concerning this nomination may be directed to

Signed _____ Phone _____

Date _____

United States Department of the Interior
National Park Service

National Register of Historic Places
Continuation Sheet

Section number _____ Page _____

Water Supply System of Metropolitan Boston MPS

MASSACHUSETTS

DATE LISTED

- Ret* 20. ~~Quinepoxet River Bridge~~ **Substantive Review**
21. Wachusett Aqueduct Linear District **Substantive Review**
22. Wachusett Dam Historic District

Beth L. Savage 04-06-90
Beth L. Savage 01-18-92
Melanie Byers 1-18-90

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES
EVALUATION/RETURN SHEET

REQUESTED ACTION: RESUBMISSION

PROPERTY Quinepoxet River Bridge
NAME:

MULTIPLE Water Supply System of Metropolitan Boston MPS
NAME:

STATE & COUNTY: MASSACHUSETTS, Worcester

DATE RECEIVED: 2/22/90 DATE OF PENDING LIST:
DATE OF 16TH DAY: DATE OF 45TH DAY: 4/08/90
DATE OF WEEKLY LIST:

REFERENCE NUMBER: 89002292

NOMINATOR: STATE

DETAILED EVALUATION: Y

☒ ACCEPT ☐ RETURN ☐ REJECT 4/6/90 DATE

ABSTRACT/SUMMARY COMMENTS:

*Locally significant highway bridge
constructed in association with the
development of the Wachusett Reservoir
in the third phase of development of
Boston's Metropolitan Water System.
Initial return comments have been
addressed, USGS map provided.*

RECOM./CRITERIA Accept ABC
REVIEWER Swasey
DISCIPLINE Architectural History
DATE 4-6-90

DOCUMENTATION see attached comments Y/N ☒ see attached SLR Y/N ☒

CLASSIFICATION

 count resource type

STATE/FEDERAL AGENCY CERTIFICATION

FUNCTION

 historic current

DESCRIPTION

 architectural classification
 materials
 descriptive text

SIGNIFICANCE

Period Areas of Significance--Check and justify below

Specific dates Builder/Architect
Statement of Significance (in one paragraph)

 summary paragraph
 completeness
 clarity
 applicable criteria
 justification of areas checked
 relating significance to the resource
 context
 relationship of integrity to significance
 justification of exception
 other

BIBLIOGRAPHY

GEOGRAPHICAL DATA

 acreage verbal boundary description
 UTM's boundary justification

ACCOMPANYING DOCUMENTATION/PRESENTATION

 sketch maps USGS maps photographs presentation

OTHER COMMENTS

Questions concerning this nomination may be directed to

Signed _____ Phone _____

Date _____



MDC - TRA, MASS.

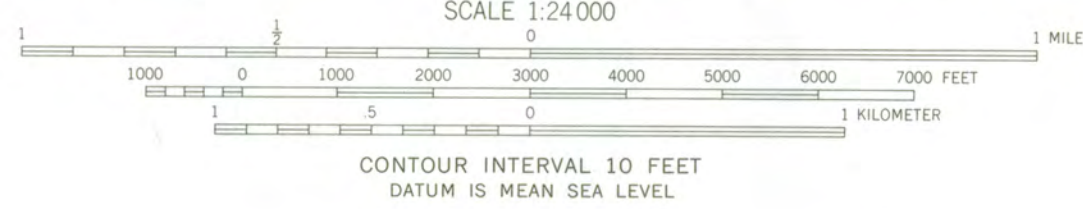
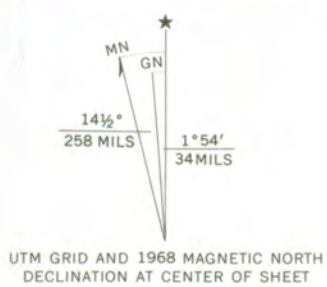
Quinepoxt River Bridge, W. Buxton (Ortford),
Jane Carolan / Martha Bowers 1984 MA.
Louis Berger & Ass.

Water Supply System of Metropolitan Boston MBS



Quinapoxet
River Bridge
19 269690 4696100

Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and Massachusetts Geodetic Survey
Topography by planetable surveys 1938. Revised from
aerial photographs taken 1966. Field checked 1968
Polyconic projection. 1927 North American datum
10,000-foot grid based on Massachusetts coordinate system,
mainland zone
1000-meter Universal Transverse Mercator grid ticks,
zone 19, shown in blue
Fine red dashed lines indicate selected fence and field lines where
generally visible on aerial photographs. This information is unchecked



ROAD CLASSIFICATION
Primary highway, all weather, improved surface
Light-duty road, all weather, hard surface
Unimproved road, fair or dry weather
State Route

STERLING, MASS.
N4222.5—W7145.7.5

1968

AMS 6668 IV NE—SERIES Y814

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Please refer to the map in the
Multiple Property Cover Sheet
for this property

Multiple Property Cover Sheet Reference Number: 64500254



February 9, 1990

RECEIVED
FEB 22 1990

DIVISION OF
NATIONAL REGISTER PROGRAMS
NATIONAL PARK SERVICE

Carol Shull
National Register of Historic Places
Department of the Interior
National Park Service
P.O. Box 37127
Washington, DC 20013-7127

Dear Ms. Shull:

Enclosed you will find the following nomination form which was returned by your office for technical corrections:

Quinepoxet River Bridge, West Boylston (Worcester County), Massachusetts.

This property is included in the Water Supply System of Metropolitan Boston Multiple Property Survey. All corrections have been made.

Sincerely,

Betsy Friedberg
National Register Director
Massachusetts Historical Commission

BF/cd

enclosure