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Please send to John Gordon
Historic Structure Inventory Form

MBTA Historical Property Survey, Phase II
MBTA Contract No. X2PS26

LOCATION

Railroad route Nashua
Location Story Brook
USGS quad NASHUA SOUTH

Milepost # 28.65 Val plan # 15/4
Town/City Chelmsford
UTM Ref. 19.305230.4723170

PHYSICAL CHARACTERISTICS

Structure type Stone arch
Overall length 84-0 Width 23-8 Spans 2
Tracks 2 Skew 0 Materials Rubble stone

Bridge typology code 1 2 3 4 25
Span lengths 2 @ 20-0 each B.D./O.D. BD
Condition In service Height 14-0

HISTORICAL SUMMARY

Date 1850 Date(s) rebuilt
Common Name (if any)

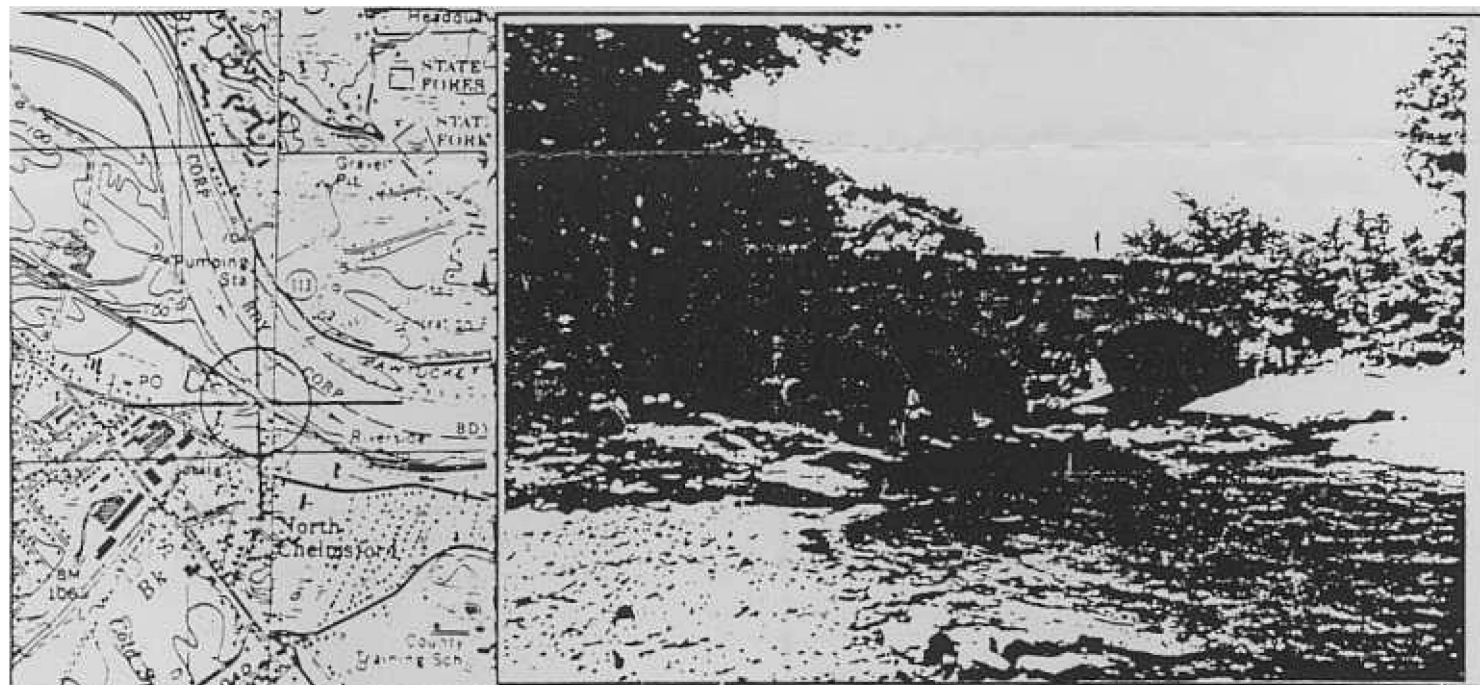
Builder
Designer

CULTURAL RESOURCE EVALUATIONS

National Register status
Local landmark designation
HAER Doc. # Type and date of HAER documentation
MDPW # MHC finding Date of finding
National Register recommendation

Eligible. This bridge is the only intact stone-arch bridge in the former Boston & Lowell system, and one of the oldest such structure in the commuter rail system.

GRAPHICS



Historic railroad name Nashua and Lowell Railroad

HISTORY & DESCRIPTION

The Nashua and Lowell Railroad connected Nashua, New Hampshire, with the Boston and Lowell Railroad on December 23, 1838. The Nashua and Lowell and Boston and Lowell Railroads consolidated their lines in 1857, and the Boston and Maine acquired control of this system in 1887.

This double track, two span, rubble stone arch bridge was constructed in 1850 over the Stony Brook. It is located only a few yards east of the railroad's intersection with the former Stony Brook Railroad. Each arch is composed of granite ashlar blocks. Each arch span is 23'-8" long with a span of 20'-0". The arches are half circles with a 10'-0" radius. Distinctive features of the bridge are its mortared joints, angle shaped stone cutwater, and transverse iron tie rods.

Sources

Parsons Brinckerhoff/Seelye Stevenson Bridge Inventory & Inspection (November 1987).

Surveyor Peter Stott
Survey date Sept. 1988

Reviewer PGM
Review date 12/6/88

Survey photographs
101/33 --2856.20-21

GLOSSARY	<i>Val Plan:</i>	Railroad property valuation plan.	<i>HAER:</i>	Historic American Engineering Record
	<i>USGS quad:</i>	U.S. Geological Survey quadrangle map	<i>B.D./O.D.:</i>	Ballasted deck/open deck
	<i>UTM Ref.:</i>	USGS map grid reference in the Universal Transverse Mercator grid system.		



Historical Commission File Photo (Date Unknown) Nashua and Lowell Railroad 2-Arch Bridge

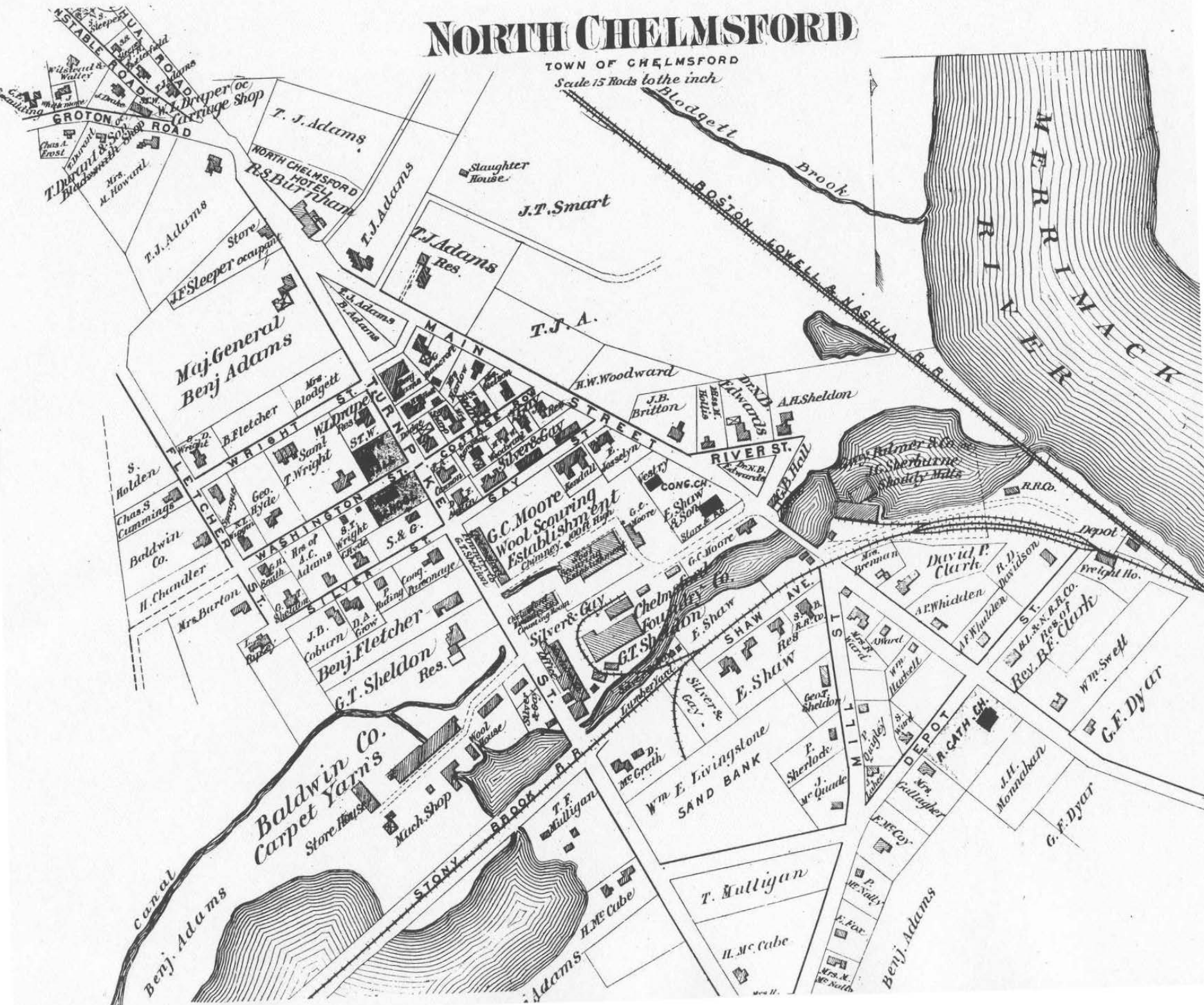
1996 Chelmsford Historical Commission



NORTH CHELMSFORD

TOWN OF CHELMSFORD

Scale 15 Rods to the inch





No. 1 CHELMSFORD
TOWN OF CHELMSFORD

SCALE 250 FT = 1 INCH



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9/25/2004 F Merriam

10/9/2004 F Merriam

