

# Massachusetts Cultural Resource Information System

## Scanned Record Cover Page

<b>Inventory No:</b>	CON.923
<b>Historic Name:</b>	Assabet River Railroad Bridge
<b>Common Name:</b>	MBTA Survey, Phase II (Milepost #21.76)
<b>Address:</b>	Assabet River
<b>City/Town:</b>	Concord
<b>Village/Neighborhood:</b>	West Concord;
<b>Local No:</b>	
<b>Year Constructed:</b>	1899
<b>Use(s):</b>	Other Rail Related; Other Transportation;
<b>Significance:</b>	Engineering; Transportation;
<b>Area(s):</b>	
<b>Designation(s):</b>	
<b>Building Materials:</b>	
<b>Demolished</b>	No



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Massachusetts Historical Commission  
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[www.sec.state.ma.us/mhc](http://www.sec.state.ma.us/mhc)

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DMC Engineering  
Jane Carolan

# Historic Structure Inventory Form

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

## LOCATION

<b>Railroad route</b>	Fitchburg	<b>Milepost #</b>	21.76	<b>Val plan #</b>	36.1
<b>Location</b>	Assabet River	<b>Town/City</b>	Concord		
<b>USGS quad</b>	MAYNARD	<b>UTM Ref.</b>	19.303390.4703120		

## PHYSICAL CHARACTERISTICS

<b>Structure type</b>	Deck plate girder	<b>Bridge typology code</b>	1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/>
<b>Overall length</b>	61-3	<b>Width</b>	27-4
<b>Spans</b>	1	<b>Span lengths</b>	56-9
<b>Tracks</b>	2	<b>Skew</b>	0
<b>Materials</b>	Steel	<b>Condition</b>	In service
		<b>Height</b>	10-0

## HISTORICAL SUMMARY

<b>Date</b>	1899	<b>Date(s) rebuilt</b>		<b>Builder</b>	
<b>Common Name (if any)</b>				<b>Designer</b>	

## CULTURAL RESOURCE EVALUATIONS

**National Register status**

**Local landmark designation**

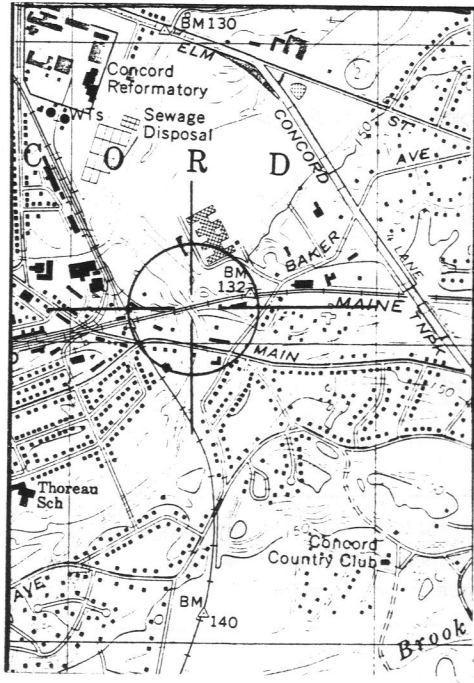
**HAER Doc. #**                      **Type and date of HAER documentation**

**MDPW #**                              **MHC finding**                              **Date of finding**

**National Register recommendation**

Not eligible. This bridge is an example of a common type of twentieth century bridge construction and does not possess enough historic or engineering significance to merit further research or documentation.

## GRAPHICS



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Historic railroad name Fitchburg Railroad

## HISTORY & DESCRIPTION

The single track Fitchburg Railroad main line reached Waltham in December 1843, Concord in June 1844, and Fitchburg in March 1845. Construction of a second track began in 1845 and was completed in 1849. The Boston and Maine Railroad obtained control of the Fitchburg Railroad in 1900 and the MBTA purchased the section between Boston and Fitchburg in 1976.

The bridge is a single, simple span structure which carries the line over the Assabet River. The structure consists of two identical two-girder spans laterally braced top and bottom, one under each track and spanning approximately 60 feet. Girders are built-up riveted sections 72" deep. Abutments, bridge seats, and stepped wingwalls are granite block masonry.

## Sources

Boston & Maine Railroad drawings. Transferred to aperture cards, MBTA Plan Room, 10 Park Plaza, Boston.  
Hayden Wegman Consulting Engineers, MBTA Bridge Inventory & Inspection (June 1986).

Surveyor Peter Stott  
Survey date November 1987

Reviewer PGM  
Review date 12/6/88

Survey photographs  
35/25A --2884.23,25

<b>GLOSSARY</b>	<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.		