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		GOFFSTOWN RAILRO	AD BRIDGE							
	2.	LOCATION				$\langle \delta \rangle = R$	ECENTED	\Box		
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		Goffstown	CONGRESSIONAL DISTRICT:			NATIONUL				
		STATE Note Themes had an a	CODE	COUNTY:			ε			
		New Hampshire	33	Hills	boro		1			
	3.	CLASSIFICATION								
N		CATEGORY (Check One)		OWNERSHIP		STATUS TO THE PUBLIC				
_		🗍 District 🔲 Building	D Public	Public Acquisiti	on:	ess 🗌 Unoccupied 🗌 Restricte				
0		🗋 Site 🧏 Structure	K Private	🗌 In Proc						
— ⊢		🗌 Object	🔲 Both	Being (Being Considered Preservation		k 🔲 Unrestricted			
U		PRESENT USE (Check One or More as Appropriate)								
		Agricultural Ga	overnment] Park	Park X Transportation			. –		
R		Commercial In	dustrial 🗌	-] Private Resider	nce	Other (Specify)		_		
⊢		🔲 Educational 🔤 Mi	litary 🗌] Religious	-			_		
S		Entertainment . Mu	useum [] Scientific	-			_		
z	4.	OWNER OF PROPERTY								
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	COURTHOUSE, REGISTRY OF DEEDS, ETC: Hillsboro County Registry of Deeds									
		STREET AND NUMBER:			` `	.		оимтт: • Ні 1		
		P.O. Box 370				nple Street		Li Li		
		CITY OR TOWN:	-		STATE		CODE	spo		
		Nashua								

REPRESENTATION IN EXISTING SURV	EYS	.
New Hampshire Historic	Preservation Plan	1
DATE OF SURVEY: 1970	🗌 Federal 🕱 State 🗌 County 🗌 Local 🥂	1
DEPOSITORY FOR SURVEY RECORDS: State of New Hampshire/	Department of Resources and Economic Development	
P.O. Box 856	State House Annex/25 Capitol Street	
CITY OR TOWN:	STATE: CODE	-+
Concord	New Hampshire 03301 33	

				(Check One)		
CONDITION	🔲 Excellent	🕱 Good	🔲 Fair	Deteriorated	🗌 Ruins	Unexposed
		(Check O	ne)		(Che	eck One)
		red	🔀 Unaltered		Moved	🕱 Original Site

DESCRIBE THE PRESENT AND ORIGINAL (if known) PHYSICAL APPEARANCE

Goffstown Railroad Bridge cuts diagonally across the Piscataquog River between its north and south banks. It is located within the Goffstown village limits, a few yards from NH route 114, and is easily viewed from all sides.

The bridge, a Town-Pratt single span, features flanking doubleweb lattice trusses fitted between triple, multisegment chords. Double-member secondary chords parallel the lower chords 2' above track levël. The truss members, mostly 12" by 2" planks spaced 3.5' apart, are bolted together and to the chords by wooden trunnels and iron pins and rest against heavy wooden braces bolted to the tops of the lower chords. Turn buckles are also fastenedm to the lower chords.

Laminated arches, 6' in diameter and braced against the abutments, are sandwiched and pegged between the truss webs. Heavy wooden clamps fixed to the arch 's circumferance and to the lower chords by metal connecting rods hold the arch members securely in place. Each arch is fitted between secondary chords set immediate ly below the upper primary chords. The sections of arch exposed beneath the bridge are not metal-sheathed.

The single-track roadway is supported by 8" by 6" joists which rest on massive floor beams set on edge and measuring 22" by 10". Heavy timbers bolted to the roadway and guard rails spiked between the running rails protect the bridge from damage in case of train derailment. Lateral bracing between the lower chords consists of iron reinforcing rods which connect the apexes of adjoining crossed timbers. The upper chords are braced by parallel timbers and a system of crossed timbers with reinfor-

cing iron connecting rods. Ships' knees support the laterals immediately inside either portal.

The bridge ends and shelter panels are boarded over; planks cover the floor beams just inside either portal. The exterior siding consists of unpainted 7/8" spruce boards hung vertically to below the level of the lower chords.

Continued on Continuation Sheet 1

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Form 10-300a (July 1969)	UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE	STATE NEW HAMPSHIRE			
	NATIONAL REGISTER OF HISTORIC PLACES	COUNTY HILLSBORO			
	INVENTORY - NOMINATION FORM	FOR NPS USE ONLY			
		ENTRY NUMBER	DATE		
	(Continuation Sheet) 1	JUN 1 8 1975			

(Number all entries)

7. DESCRIPTION.

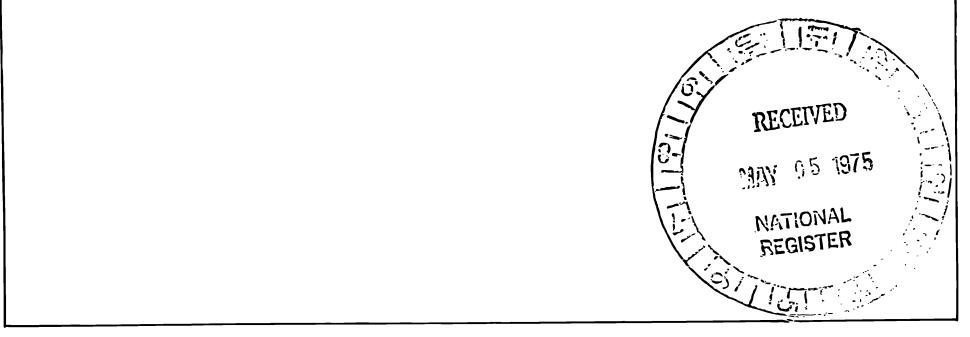
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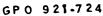
Two-foot ventilating spaces extend the length of the bridge between the eaves and siding on either side. The medium gable roof is constructed of 7/8" spruce board and is unshingled. It shows evidence of recent repair. Some of the siding is worn and broken, but joists, ties, floor beams, arch and truss members appear to be in good condition.

The abutments are constructed of coursed and mortared granite slabs capped with concrete. Retaining walls prevent the erosion of the river banks. Massive wooden sills resting upon the bridge seats support the structure at either end.

The clear span measures 117'; the through span 129'. Verticle clearance is 21'; horizontal clearance is 15'. The bridge load Trating is 175,000 pounds. It is numbered 29-06-06 by THE WORLD GUIDE TO COVERED BRIDGES, 59 by the New Hampshire Department of Resources and Economic Development, and 407 by the Boston & Maine. Aside from routine repairs, the bridge's appearance has not been materially altered since construction.¹

H.B. Berkshire(Vice President--Engineering, Boston & Maine Corporation)to writer, June 17, 1974.





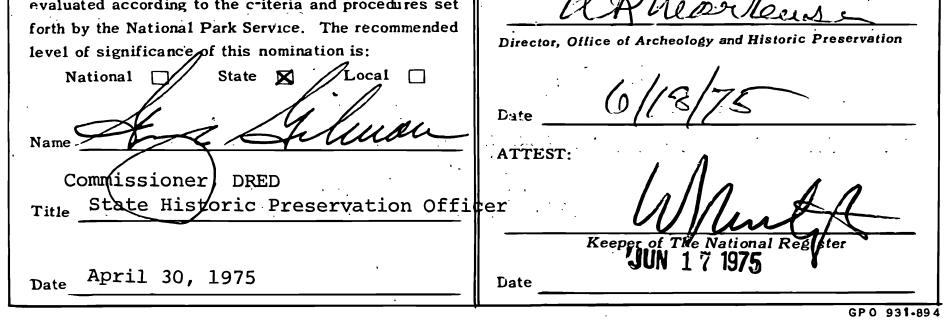
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Maine brought the line into the B&M system? During the Depression of the 1930's, the seventeen miles of line between Henniker and Goffstown was abandoned and removed. The remaining 7.5 miles is operated today by the B&M as its Goffstown Branch.

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Continued on Continuation Sheet 2

<u> </u>	BIBLIOGRAPHICAL RI							
	, Richard San ro,VI: The St						attle-	1
Baker	, George Pier	ce. The Form	nati	ion of the	New Er	igland Rail	road	
Sv	stems: A Stud	v of Railroa	ad (ombination	i in th	ne Nineteer	nth	
Če	entury. Cambri	dge. MA: Har	.vaj	d Univers:	ty Pre	ess, 1949.	المهي مستلفنا	
	n & Maine RR.							
Meade	, Edgar T. Th	rough Covere	<u>a</u> I	Bridges to	Concor	cd: <u>A Recol</u>	lectio	m
	the Concord		RR	NH). Brat	lebor	o,VI: The S	Stepher	1
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	lampshire Rail	road Commiss	sion	1, <u>Annual</u>	Reports	<u>3, 1850, 18</u>	<u>391,190</u>	11.
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Form 10-300a (July 1969)	UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE	STATE New Hampshire			
	NATIONAL REGISTER OF HISTORIC PLACES	COUNTY			
		Hillsborough			
	INVENTORY - NOMINATION FORM	FOR NPS USE ONLY			
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Form 10-300a (July 1969)	UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE	NEW HAMPSHIRE				
	NATIONAL REGISTER OF HISTORIC PLACES	COUNTY				
	INVENTORY - NOMINATION FORM	HILLSBORO				
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