

# Massachusetts Cultural Resource Information System

## Scanned Record Cover Page

<b>Inventory No:</b>	GRN.919
<b>Historic Name:</b>	Johnson Bridge - State Forest Bridge
<b>Common Name:</b>	West Hartland Road Bridge over Hubbard River
<b>Address:</b>	West Hartland Rd
<b>City/Town:</b>	Granville
<b>Village/Neighborhood:</b>	
<b>Local No:</b>	
<b>Year Constructed:</b>	1939
<b>Architect(s):</b>	Fay, Spofford and Thorndike
<b>Architectural Style(s):</b>	Stringer
<b>Use(s):</b>	Other Transportation
<b>Significance:</b>	Engineering; Transportation
<b>Area(s):</b>	
<b>Designation(s):</b>	
<b>Building Materials(s):</b>	



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Commonwealth of Massachusetts  
Massachusetts Historical Commission  
220 Morrissey Boulevard, Boston, Massachusetts 02125  
[www.sec.state.ma.us/mhc](http://www.sec.state.ma.us/mhc)

This file was accessed on: Saturday, March 30, 2019 at 1:24: PM

## MASSACHUSETTS HISTORIC BRIDGE INVENTORY

Municipality: Granville New District: 1

Street name/Rt. #: W. Hartland Rd.

Over  
Street name/Rt. #: Hubbard River

Bridge key #: TWN 220 021 100 Photo ##s: 214: 20-24

Bridge plan #: G-10-1

Common/historic name: Johnson Bridge (1938 plans); State Forest Bridge (1966 Dist report)

Current owner: \_\_\_\_\_

UTM coordinates: \_\_\_\_\_ AASHTO rating: 22.6 (5-21-93)

\*\*\*\*\*  
National Register status (insert date) Field rating:  
\*\*\*\*\*

Entered: _____	Potential: _____	3	2	①
Eligible: _____	Non-eligible: _____			

\*\*\*\*\*

Date built (source): 1939 (NBIS)

Date(s) rebuilt (source): \_\_\_\_\_

Builder (source): \_\_\_\_\_

Designer (source): Fay Spofford & Thorndike (plans)

\*\*\*\*\*

Structural type/materials: 302 (S.V.)

6 21" WF rolled steel stringers, w/ concrete diaphragms

\*\*\*\*\*

concrete abutments on ledge outcrops

Overall length: 35' Deck width/layout: 24.0' out-out

Skew: -

Main unit, # spans: 1 lengths: 32'

Approaches, # spans: - lengths: -

Plaque: - location: -

Alterations, unusual features, comments:  
2-pipe metal guardrails on concrete copings.

Visual quality (bridge and setting): High <sup>setting</sup> ☒ Average ☐ Low <sup>bridge</sup> ☒

Site integrity: Retained ☒ Violated ☐

Describe: Beautiful natural area in Granville State Forest; brook tumbling down rocky streambed in a narrow valley winding between heavily wooded hills. No buildings in sight, or anywhere near.

History of bridge and site:

1936 flood bridge.

Present bridge replaced a 1911 covered timber kingrod pony truss bridge on this site.

#### Sources:

B.H. ☒

RR Schoenfeld 1987

Plans 1938

Old B.H. ☒

#### Summary statement of significance:

One of some 3100 bridges/culverts currently coded in the MHD database as examples of the steel stringer structural type. A late and minor example of the type, albeit in a beautiful natural setting.

Statement prepared by: J.J. Roper

Date: 8-4-93

Field survey by: J.J. Roper, MHD Historic Bridge Specialist

Date: 6-8-93

MDPW RECOMMENDATION - NATIONAL REGISTER ELIGIBILITY

GRN. 919

11482

Municipality Street on No.  
 Bridge: Granville W. Hartland Rd. / Hubbard River G-10-1

Historic evaluation

Significant because:

- 1) Unusual or unique type \_\_\_\_\_  
 or rare survivor of common type \_\_\_\_\_
- 2) Early example of type \_\_\_\_\_
- 3) Design - Valuable contribution to bridge technology \_\_\_\_\_
- 4) Retains integrity ✓
- 5) Builder known and important \_\_\_\_\_
- 6) Bridge historically important to area \_\_\_\_\_

Not significant because:

- 1) Common type steel stringer ✓
- 2) Post-1931 1939 ✓
- 3) Design - no contribution to bridge technology ✓
- 4) Integrity lost because of: a) alterations \_\_\_\_\_  
 b) disintegration \_\_\_\_\_
- 5) Builder unimportant or not known Fay, Spofford & Thorndike ✓
- 6) No known significance in area ✓

☐

Potentially eligible

☒

Not eligible

☐

Not eligible individually,  
but located

☐

Conditionally not eligible;  
review when 50 years old

Comments:

A late and minor example of the most common structural type, albeit in a beautiful natural setting.

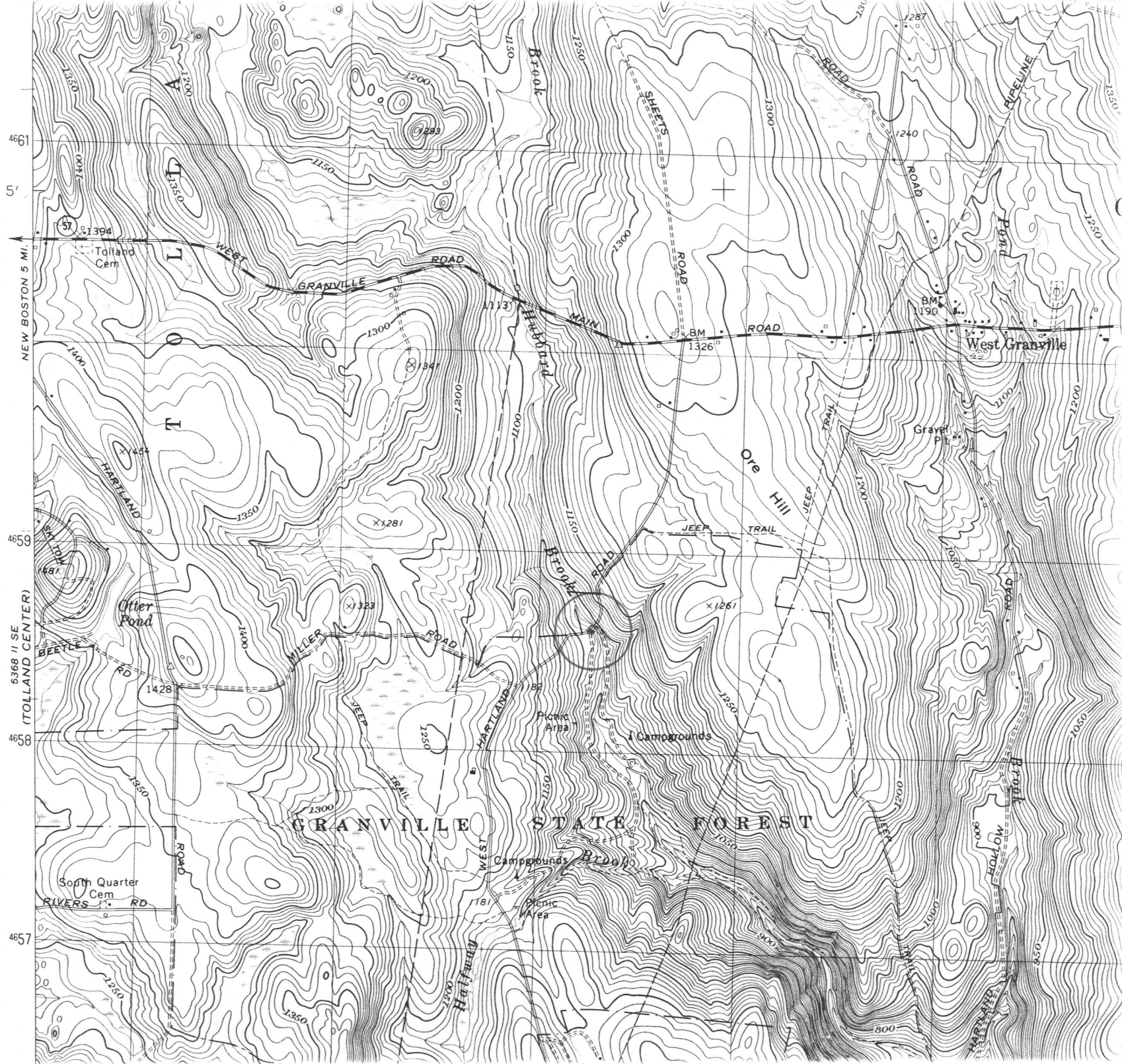
8-4-93

S. J. Roper, MHD Historic Bridge Specialist



GRN. 919

G-10-1  
W. GRANVILLE  
QUAD





FROM SE



FROM NW



FROM SW

6-8-~~1993~~ 1993



FROM SW



FROM NE

6-8-93



# BRIDGE NATIONAL REGISTER ELIGIBILITY OPINION

GRN. 919

TO: BETSY FRIEDBERG

RETURN TO REVIEWER BY \_\_\_\_\_

(DATE)

FROM: BILL SMITH

DATE: 9/22/93

TOWN: Grandville

PROPERTY: G-10-1 West Hartland Rd over Hubbard River  
(DPW NO. AND ADDRESS)

COMMON/HISTORIC NAME: Johnson bridge, State Forest Bridge

1. Does this property meet the criteria for National Register eligibility?

Individually ☐ YES

☒ NO

As a contributing element in a  
National Register District?

☐ YES

☒ NO

A. Criteria

A. Events

B. Lives

C. Characteristics

D. Information

Located within, or adjacent to a  
historic district or potentially  
eligible historic district?

☐ YES

☒ NO

B. Level

Local \_\_\_\_\_

State \_\_\_\_\_

National \_\_\_\_\_

2. Statement of Significance or why not eligible:

1939 steel stringer

Late example of a common structure type

CONCUR - NO SURROUNDING INVENTORY

PM 10/19/93

☐ Determination of Eligibility Letter Written

Filed in ER File \_\_\_\_\_

Date \_\_\_\_\_



Brockton                      B-25-11                      Main St. over Salisbury Brook  
 Bridge is within a block of potentially eligible 1912 St. Patrick Church  
 (Inv. #52) also see (Inv. #97).

Chicopee                      C-13-55                      Depot St. over Dwight Canal  
 Adjacent to Dwight Manufacturing Company housing district, which is on  
 National Register and Dwight Manufacturing Company complex which MHC  
 determined to be National Register eligible.

Hancock                      H-5-12                      Clark Rd. over Kinderhook Creek  
 Note inventoried property (Inv. #30) as well as the Hancock Center Cemetery  
 (Inv. #801) and (Inv. #901).

Mansfield                      M-3-14                      School St. over P.C. Railroad  
 Located a short distance from federal period houses that may be individually  
 eligible. National Register (MHC #14-430 School St.) and (MHC #19-420 School  
 St.).

Westfield                      W-25-11                      Pochassic St. over Conrail & Access Rd.  
 Located in Depot Square which is potentially eligible National Register of  
 Historic District.

**The following bridges did not appear to meet criteria for individual listing  
 to the National Register of Historic Places.**

<u>Adams</u>	<u>A-4-19</u>	Lime St. over Hoosic River
<u>Attleboro</u>	<u>A-16-7A</u>	Mechanic St. over Conrail
<u>Attleboro</u>	<u>A-16-13</u>	Thacher St. over Ten Mile River
<u>Billerica</u>	<u>B-12-2</u>	River St. over Concord Rd.
<u>Canton/Norwood/ Westwood</u>	<u>C-2/2/N-25-16/ W-31-2</u>	Dedham St. over Neponset River
<u>Cheshire</u>	<u>C-10-5</u>	East Main St. over South Brook
<u>Dover/Needham</u>	<u>D-10-2/N-4-9</u>	Charles River St., Dover Rd., over Charles River
<u>Gardner/Templeton</u>	<u>G-1-2/T-2-6</u>	Bridges st., Turner Rd., over Otter River
<u>Gardner</u>	<u>G-1-11</u>	Logan St. over B & M Railroad
<u>Gardner</u>	<u>G-1-19</u>	Mill St. over Baker Brook
<u>Grandville</u>	<u>G-10-1</u>	West Hartland Rd. over Hubbard River

<u>Greenfield</u>	<u>G-12-6</u>	Nash's Mill Rd. over Green River
<u>Hanson</u>	<u>H-7-4</u>	State St. over Indian Head River
<u>Holyoke</u>	<u>H-21-22</u>	Sargent St. over First Level Canal
<u>Leominster</u>	<u>L-8-3</u>	Mechanic St. over North Nashua River
<u>Mansfield</u>	<u>M-3-2</u>	Williams St. over Wading River

If you have any questions, please feel free to William Smith of this office.

Sincerely,



Judith B. McDonough  
Executive Director  
State Historic Preservation Officer  
Massachusetts Historical Commission

cc: Greg Prendergast, MHD  
Local Historical Commissions

JBM:WS:HL



November 1, 1993

Mr. Donald E. Hammer  
Division Administrator  
Federal Highway Administration  
Transportation Systems Center  
55 Broadway - 10th Floor  
Cambridge, MA 02142

ATTN: Mr. H. Pearlman

RE: Massachusetts Bridges, National Register Eligibility

Dear Mr. Hammer:

The Massachusetts Historical Commission has reviewed the historic bridge inventory forms prepared by the Massachusetts Department of Public Works. The Massachusetts Historical Commission concurs with the preliminary findings of Massachusetts Department of Public Works except where noted with additional comments.

**The following bridge did not appear to meet National Register criteria for individual listing. However, the bridge is within, or adjacent to an historic district or potentially eligible historic district, and plans for replacement should take into consideration potential impact to adjacent properties.**

Acton                      A-2-11                      Wetherbee St. over Nashoba River

Great Road/Wetherbee Street includes cluster of late 19th century residences which forms potential National Register district (Acton inventory #48, 49, 50 & 639)

Belchertown/Ware              B-5-25/W-5-14              Cold Spring Road over Swift River

Map indicates that bridge is adjacent to Chicopee Valley Aqueduct of the Quabbin Reservoir System. Bridge adjacent to potentially future Quabbin Reservoir National Register district.

Boston                      B-16-186                      Reservation Road over Mother Brook

Inventory for Hyde Park identifies nearby area of historic buildings in sunnyside (Reservation Rd./Beaver St./River St.). Adjacent to Robinson & Co. industrial complex.

Massachusetts Historical Commission  
80 Boylston Street, Boston, Massachusetts 02116 (617) 727-8470  
Office of the Secretary of State, Michael J. Connolly, *Secretary*