

HISTORIC BRIDGE INVENTORY & EVALUATION

Date: December 2, 1980

Municipality KINGSTON S.H. _____ N.S.H. X

Street Name & Route # Howlands Lane

Over Conrail

Street Name & Route # NA

Bridge No. K-1-5 Bridge Key # 900-722-104 Dist. 7

CRITERIA FOR DETERMINATION OF HISTORIC SIGNIFICANCE

I. Builders Contribution

Quantity

Unknown X Several _____ Many _____
(1-10) (10 or more)

Name of Builder: R.R.

Designer: UNK

Plaque: Yes _____ No. X

Orig. unknown
Rebuilt 1941, 1973

I. AGE: Pre 1850 _____ 1850-1900 _____ 1900-1930 _____

I. TECHNICAL

Bridge Type Timber simple span

Bridge Width 32.7'

Total Length of Bridge 33.0'

Number of Spans: ONE Span Lengths 27.5'

Patented: Yes _____ No _____ Unknown X

Load Carrying Capacity: Adequate _____ Inadequate X

Configuration: Unique _____ Unusual _____ Common X

Types of Materials: Wood, abuts of granite and conc.

List Special Features and Modifications:

NONE

IV. ENVIRONMENTAL

Aesthetics: Unusual _____ Good _____ Common X
Site Integrity: Retained X _____ Violated _____
History of Bridge and Area: See separate sheet included with this report

IVa. LOCAL HISTORIC COMMISSION

Date Written: March 27, 1980
Response: _____ No Response: X

V. ECONOMICS

Owner: Municipal _____ County _____ State X Federal _____
R.R. _____

What is your recommendation?

Maintenance X Replacement _____ Rehabilitation _____
Are materials available for Rehabilitation: Yes X No _____
Is structure scheduled for replacement? Yes _____ No X

PHOTOS - INDICATE SHOTS TAKEN

- | | |
|--------------------------|----------------------------------|
| 1. Setting | 6. Elevation West & East |
| 2. Builders Plaque | 7. Joint & Connections |
| 3. 3/4 View | 8. Machinery |
| 4. Thru View North&South | 9. Decorative Features UTILITIES |
| 5. Under View | |

COMMENTS & CONCLUSIONS

- In your judgement, does this bridge have historic value? Yes _____ No X
- Please explain your answer to #1
This bridge is of a common architectural type and plays no significant part in the history of the area.

Preparer: Richard A. Corsano
Title: Asst. Env. Eng., Dist. 7, MDPW
Date of Survey: December 2, 1980

STRUCTURE INVENTORY AND APPRAISAL

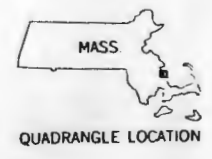
BRIDGE NO. K-1-5 BRIDGE MNT. NO. 900-722-101 PAGE 1

IDENTIFICATION		CODE	ITEM NO.	CARD CONTROL NUMBER	CARD COL
1	State Mass.				
2	Highway District 7				
3	County Plymouth 4 City/Town KINGSTON				
5	Inventory Route Howland's Lane Principal <input checked="" type="checkbox"/> Other <input type="checkbox"/>				
6	Features Intersected Penn Central R.R. & Howland's Lane				
7	Facility Carried by Structure Howland's Lane				
8	Structure No. 900-722-101 1 of 1				
9	Location 0.1 mile N.E. of SR 3A, 0.7 mile S.E. off SR 3A crossing SR 3				
10	Inventory Rte. Min. Vert. Clr. = Unlimited				
11	Milepoint N/A				
12	Road Section No. N/A				
13	Defense Bridge Letter N/A				
14	Defense Milepoint N/A				
15	Defense Section Length N/A				
16	Latitude 41° 59.2'				
17	Longitude 70° 42.2'				
18	Physical Vulnerability Timber Trestle				
19	Bypass Detour Length None				
20	Toll Bridge On Toll Road <input type="checkbox"/> On Free Road <input checked="" type="checkbox"/>				
21	Custodian State Hwy. Dept.				
22	Owner State Hwy. Dept.				
23	F.A.P. No. N/A				
CLASSIFICATION					
24	Fed. Aid System 4	Transfer of Data	J. Shutt	11/21/72	
		Maintenance Inspection	Shutt	3/15/73	
25	Administrative	Condition Analysis	J. Shutt	3/16/73	
		Appraisal	J. Shutt	3/16/73	
26	Functional	Cost Estimate			
		General Review			
43	Timber Stringer				
STRUCTURAL DATA 1/73					
27	Year Built of ^g UNK - ^g Per. H 1941	43	Structure Type - Main		
28	Lanes on Str. 2 Under 0	44	Approach	N/A	
29	ADT on Str. 1900 30 Year 1969	45	No. of Spans - Main	1	
31	Design Load UNK	46	Approach	0	
32	Appr Rdwy Width w/Sh'd 22'	47	Total Horiz. Clr	22.8	
33	Br Median <input checked="" type="checkbox"/> None <input type="checkbox"/> Open <input type="checkbox"/> Closed	48	Max. Span Length	Clr. 27.5 ft.	
34	Skew 8°	49	Structure Length	33 ft.	
35	Structure Flared <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	50	Sidewalk Rt.	3.6 ft. Lt. 0 ft.	
36		51	Br. Roadway (curb-curb)	22.8 - 24.0 ft.	
37		52	Deck Width (out-out)	32.7 ft.	
38	Navigation Control <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	53	Vert. Clearance over Deck	unlim. ft.	
39	Vertical N/A ft.	54	Under Clearance - Vertical	16' - 4" ft.	
40	Horizontal N/A ft.	55	Lateral - Right	7.5 ft.	
41		56	Left	N/A ft.	
42	Type Service H/RR	57	Wearing Surface	Wood planking	

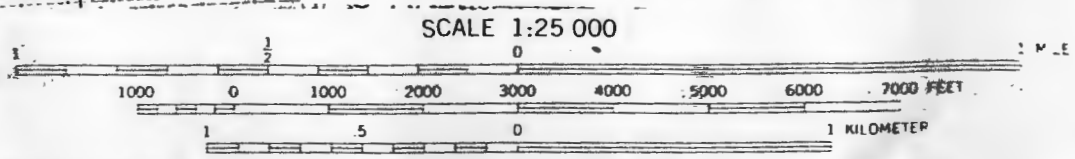


KIN. 109

KINGSTON
 K-1-5
 Howlands Lane/Conrail
 (shown by Arrow)



LOCUS PLAN
 Plymouth Quadrangle





ELEVATION LOOKING WEST



ELEVATION LOOKING EAST



UNDER VIEW DETAIL



ELEVATION LOOKING EAST

(11-13-1980)



THRU VIEW LOOKING NORTH



THRU VIEW LOOKING SOUTH

(11-13-80)



DECORATIVE FEATURE / UTILITIES

DETERMINATION OF ELIGIBILITY (MHC OPINION)

DPW letter
2/20/81

KIN.909

TO: VMZ

RETURN TO REVIEWER BY _____
(DATE)

FROM: phs

DATE: 2/13/81

TOWN: KINGSTON

PROPERTY: K-1-5 Hawlands Lane over Conrail
(NAME AND ADDRESS)

1. Does this property meet the criteria for NR eligibility?

YES

NO

THIS STRUCTURE, WHILE NOT REQUIRING PRESERVATION, NEVERTHELESS HAS NOTEWORTHY FEATURES WHICH SHOULD BE DOCUMENTED BEFORE IT IS DEMOLISHED.

A. Criteria

- a. events
- b. lives
- c. characteristics
- d. information

B. Local _____ State _____ National _____

2. Statement of Significance: OR Why not eligible?

beam
Timber span over RR (1941). Very typical of period
and very common.

DOE LETTER WRITTEN

FILED IN ER FILE _____

(DATE)