## Massachusetts Cultural Resource Information System

## **Scanned Record Cover Page**

Inventory No: HLY.945

Historic Name: NY, NH & H Railroad Bridge over Third Level Canal

Common Name: Holyoke Mills Branch Railroad Bridge (#0.85)

Address:

City/Town: Holyoke

Village/Neighborhood: Downtown

Local No:

Year Constructed:

Architect(s):

**Architectural Style(s):** 

Use(s): Other Engineering; Other Transportation

Significance: Engineering; Transportation

Area(s): HLY.T: Holyoke Canal System

**Designation(s):** Nat'l Register District (12/3/1980)



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Commonwealth of Massachusetts
Massachusetts Historical Commission
220 Morrissey Boulevard, Boston, Massachusetts 02125
www.sec.state.ma.us/mhc

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## \* MASSHIGHWAY HISTORIC BRIDGE INVENTORY \*

Town/City: Holyoke

MHD Dist.: 2

Last update: 1/18/2012 sjr

Facility Carried: n/f NY, NH, & H RR spur line

over

Feature Intersected: Third Level Canal overflow

**Structure No:** 

**BDEPT No.:** H-21-OFF-1

**B.I.N.**:

**AASHTO Rating (date):** 

Photo Nos.:

Common/Historic Name (source): former NY, NH & H RR Holyoke Mills Branch (Line 45) (Horn

Track) Bridge No. 0.85, old number 778

National Register Eligibility Finding (by/date):

Year Built (source): 1878 (plaque, reported by Steven Schwartz, 1990; NY, NH & H RR bridge list gives 1879)

Years Rebuilt (source): 1917 - "steel trestle" constructed below (NY, NH & H RR bridge list)

Builder (source): Keystone Bridge Co. (plaque, reported by Steven Schwartz, 1990; also reported in NY, NH & H RR bridge list)

Designer (source):

Structural Type/Material: 910\*

Single-span, pin-connected wrought iron Pratt through truss railroad bridge. Nine panels, with loopwelded counter-diagonals in three central panels only, eyebar diagonals in six panels flanking the central. Eyebar lower chords. Open deck.

\*Since insertion of the "steel trestle" under the trusses in 1917, most loads are likely carried by the trestle rather than the original trusses. That trestle appears (from Steven Schwartz's 1990 photo) to be comprised of 8 timber pile bents (one under each truss lower panel point) carrying 2(?) steel beams which now support the original floorbeams(?) plus several intermediate sleepers in each panel.

Coursed brownstone ashlar masonry abutments.

Structure Length: ca. 143'

Length of Maximum Span: ca. 143'

Skew:

Deck Width (out-to-out):

Main Unit, No. Spans: 1

Lengths: ca. 143' Lengths:

Approaches, No. Spans:

Plaque:

Location:

Alterations, unusual features, comments:

Last update: 1/18/2012 sjr

Visual Quality (bridge/setting): High Average Site Integrity: Retained Lessened Violated	Low [	BDEPT No: H-21-OF	F-1
Site Description: On the western bank of the Connecticut River over the over system's Third Level Canal. Approximately 500' south of the (C-13-009/W-21-003).			
6			
History of Bridge and Site:			-
Sources: Steven Schwartz letter and photograph to Bill Sm July 13, 1990 BH: RR: Plans: OBH: Other: NY, NH & H RR bridge list (blueprint in MassDO			
Summary Statement of Significance:			
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** *** *** *** *** *** *** *** *** ***			
Statement Prepared By:	(C)	Date:	
Field Survey By:		Date:	

HBI form 5 01/18/12 12:08 PM

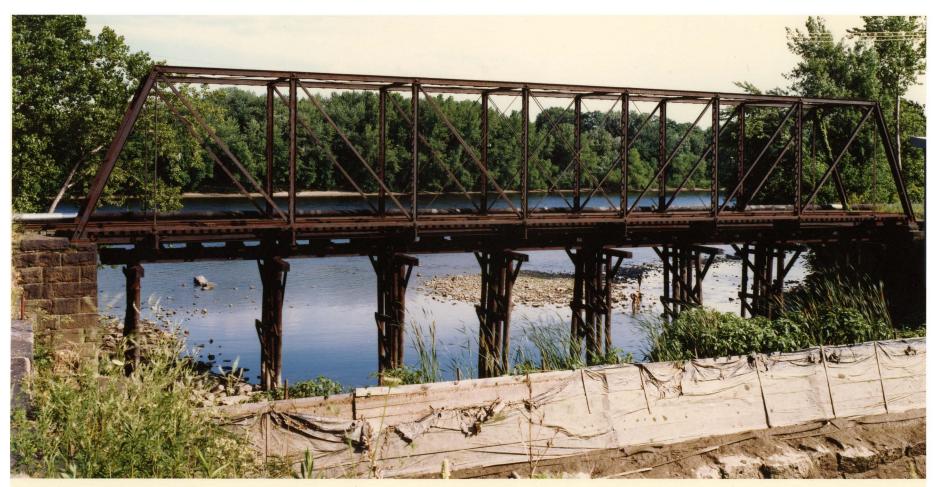


Photo: Steven Schwartz, 1990