Boston & Maine Railroad: Northampton
Lattice Truss Bridge
Northampton
Hampshire County
Massachusetts

HAER No. MA-55

HAER
MASS,
8-NORTH,
6-

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

Historic American Engineering Record
National Park Service
Department of the Interior
Washington, D. C. 20240

HAER
MASS
4-NORTH,
6-

HISTORIC AMERICAN ENGINEEERING RECORD

Boston & Maine Railroad: Northampton Lattice Truss Bridge

HAER No. MA-55

Location:	Across Connecticut River, directly upstream from State Route 9 Highway Bridge Northampton, Hampshire County, Maine
Date of Construction:	1887
Fabricator:	R. F. Hawkins, Springfield, Massachusetts
Construction Engineer:	G. M. Tompson
Present Owner:	Boston and Maine Railroad
Significance:	This structure is an early example of an all-riveted metal lattice truss built for railroad use. The form of the riveted lattice truss reduced deflection under heavy moving loads and, apparently, provided smoother passage for trains. At the same time, it required more complicated mathematical analysis of stress than simple Pratt trusses.
Transmitted by:	Jean P. Yearby, HAER, 1985

ADDENDUM TO
BOSTON AND MAINE RAILROAD, NORTHAMPTON LATTICE TRUSS BRIDGE
Northampton
Hampshire County
Massachusetts

HAER No. MA-55

XEROGRAPHIC COPIES OF COLOR TRANSPARENCIES

HISTORIC AMERICAN ENGINEERING RECORD
National Park Service
U.S. Department of the Interior
Washington, D.C. 20013