

ILLUSTRATION SOURCES*

<u>Page</u>	<u>Source</u>
vi	Collections of the Division of Mechanical and Civil Engineering, National Museum of American History, Smithsonian Institution (MCE)
ix	Collection of Richard S. Allen, Albany, New York
x	Collection of Brian Riba, South Glastonbury, Connecticut
2	<u>Engineering News</u> , January 1890
4	(top) <u>New England Business Directory</u> , Boston, 1879 (center) <u>Railroad Gazette</u> , February 20, 1885 (bottom) Author's collection
5	(both) Author's collection
6	<u>Poor's</u> , 1881
8	<u>Poor's</u> , 1872-73
9	<u>Poor's</u> , 1876-77
10	(top) MCE
13	MCE
17	MCE
18	(bottom) <u>Railroad Gazette</u> , July 1885
19	<u>Poor's</u> , 1880
20	William P. Smith, <u>The Book of the Great Railway Celebrations of 1857</u> , Baltimore, 1858
22	George W. Howard, <u>The Monumental City . . .</u> , Baltimore, 1873
23	<u>Engineering News</u> , January 1890
24	MCE
27	(top) MCE
28	<u>Engineering News</u> , February 12, 1890
30	<u>Railroad Gazette</u> , July 1885
31	<u>Engineering News</u> , February 8, 1900
33	(top) Passaic Rolling Mill Company catalog, 1884 (Author's collection) (bottom) <u>Railroad Gazette</u> , February 20, 1885

* If illustration is unlisted, the source is not known.

ILLUSTRATION SOURCES

- 34 (top MCE
(bottom) Railway Age, April 21, 1881
- 36 MCE
- 37 Asher and Adams
- 39 Engineering News, October 3, 1891
- 41 Poor's, 1872-73
- 42 MCE
- 45 (bottom) Poor's, 1875-76
- 46 'Iron Bridges and their Construction', in Lippincott's Magazine of Popular Literature and Science, January 1873, p. 9 (Lippincotts)
- 47 Lippincott's, p. 17
- 48 American Society of Civil Engineers Transactions, January 1894 (ASCE)
- 49 The Railroad Record, 1859
- 51 ASCE, 1893
- 52 Charles Evan Fowler, 'Some American Bridge Shop Methods', in Cassier's Magazine, Vol. 17 (November 1899-April 1900), p. 202
- 54 Engineering News, January 1890
- 55 MCE--Tyrrell Collection
- 56 MCE--Hutton Collection
- 57 MCE
- 60 Poor's, 1876-77
- 61 Poor's, 1875-76
- 62 Poor's, 1870-71
- 63 (top) Private collection
(bottom) Engineering News, February 8, 1900
- 64 (top) Railroad Gazette. August 7, 1885
(bottom) Railway News, June 10, 1886
- 66 Private collection
- 68 (top and center) The Keystone Bridge Company's Illustrated Album..., 1874

ILLUSTRATION SOURCES

- 69 Engineering and Building Record, July 20, 1889
- 72 Private collection
- 75 MCE
- 76 Collections of the Division of Graphic Arts, National Museum of American History, Smithsonian Institution