

OVERVIEW

Title: Warshaw Collection of Business Americana: Business Ephemera: **Bridges**

Extent and Forms of Material: .66 cubic feet, including # oversize folders

Scope and Content: This subject category- Bridges consists primarily of materials relating to bridge builders and suppliers of bridge building materials as well as individual bridges, publications, and other materials relating to bridge building. Bridge types include beam, truss, suspension, highway and railroad bridges. Various construction types, such as iron, steel and concrete are represented.

Most of the material in this collection was produced in the north eastern United States; a few items are European. While the material dates from 1818 to 1941, the bulk of it was produced between 1870 and 1910. A considerable number of bridge images are present

The material is arranged in four series.

Series 1, Bridge Builders and Suppliers of Bridge Construction Materials, 1860-1941, consists of scattered business correspondence, bills, receipts, advertising cards and blotters, and specifications for construction and/or use of materials. A few catalogues, price lists and other publications are also present; their titles are italicized in the Container List. A number of these businesses manufactured wire and cable for bridge construction; notable among these is the John A. Roebling Sons Company, builders of the Brooklyn Bridge. The materials are organized alphabetically by name of company.

Series 2, Bridges, 1858-1936, consists of materials related to individual bridges. It is divided into two subseries.

Subseries 2a, Bridges by Name, 1858-1936, arranged alphabetically by name. Includes images of the bridges and other materials pertaining to them.

Subseries 2b, Bridges by Type, circa 1860-1910, arranged as Covered Bridges, Railroad Bridges, and Suspension Bridges. Consists primarily of images with a few other materials

Series 3, Publications Relating to Bridges, 1823-1908, consists of publications concerning general topics relating to several types of bridges.. They are in pamphlet form; one is from a popular periodical.

Series 4, General Subjects relating to Bridges, 1818-1926, consists of general bridge-related materials and is arranged as follows: Bills and Receipts, State Documents, Stocks and Bonds, Postcards, General Images, Caricatures of Bridge builders, and Miscellaneous.

System of Arrangement: The arrangement scheme for Isadore Warshaw's aggregation of Bridge materials has been created by the Archives Center. It is arranged in 4 series. They are:

CONTAINER LISTING

<u>Box</u>	<u>Folder</u>	Series 1, Bridge Builders and Suppliers of Bridge Construction Materials, 1860-1941
1	1	Albany and Greenbush Albany, New York
		Alden and Lessig Rochester, New York
		American Bridge Company New York, New York
o/s 86	3	American Bridge Company New York, New York
1	1	Atlanta Bridge Works Atlanta, Georgia
		Barbaroux and Company Louisville, Kentucky
		Berlin Iron Bridge Company East Berlin, Connecticut
	2-3	Berlin Construction Company Berlin, Connecticut
	4	Buchanan Bridge Company Bellefontaine, Ohio
		Buckeye Machine Company Cleveland, Ohio
		Burnett, W. H. and R. Newark, New Jersey
		Canton bridge Company Albany, New York
		Cincinnati Iron Bridge Works Cincinnati, Ohio
		Cleveland Bridge and Car Works Cleveland, Ohio
	5	Cofrode-Saylor Company (Philadelphia Bridge Works) Philadelphia, Pennsylvania
		Cooper and Nash Fort Edward, New York
		Cornwall Bridge Iron Company Cornwall Bridge, CT
		Corrugated Metal Company East Berlin, CT
		Cunningham and Keepers Milwaukee, WI
	6	Delaware Bridge Company New York, New York
		Detroit Bridge and Iron Works Detroit, MI

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		Groton Bridge Company Groton, New York
		Hamilton Bridge and Tool Company Hamilton, Ontario, Canada
		Hawkins, Herthel and Burrall Springfield, MA
		Hilton Bridge Construction Company Albany, New York
	7	Hein, Lehmann and Company Dusseldorf, Germany Promotional book, no date
	8	Ingalls Architectural Metal Works Providence, RI
		Kellogg & Maurice Bridge Builders Athens, PA
	9	Kellogg Iron Works Buffalo, NY
	10-11	Keystone Bridge Company Pittsburgh, PA <i>Illustrated Album</i> , no date
	12	King Iron Bridge and Manufacturing Company Cleveland, OH
		Lantry and Burr Bridge Masonry Topeka, KS
		Leighton Bridge and Iron Works Rochester, NY
	13	Louisville Bridge and Iron Company Louisville, KY
	14	McClintic Marshall Company Bridge builders Pittsburgh <i>Sciotoville Bridge</i>
	15	Massillon Iron Bridge Company Massillon, OH
		McIntire and Company New York, New York
	16	National Bridge and Iron Works Boston, MA <i>Annual Illustrated Circular</i> , 1869
		New York Bridge Company Brooklyn, New York
		New York and Long Island Bridge Company New York, New York

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	17	Owego Bridge Company Owego, New York
		Penn Bridge Company Beaver Falls, PA
		Phoenix Bridge Company Phoenixville, PA
		Pittsburgh Bridge Company Pittsburgh, PA
	18	Pohlig, J. Suspension Bridges Brussels, Belgium
	19	Riddle, T.H. Construction Company New Brunswick, NJ
		Rochester Bridge and Iron Works Rochester, MN
	20	Roebli ^g 's, John A. Sons Company Trenton, NJ Wire rope and wire
	21-22	Roebli ^g 's, John A. Sons Company Correspondence, 1870s Correspondence, 1894-1908
	23	Roebli ^g 's, John A. Sons Company <i>Construction of Parallel Wire Cables for Suspension Bridges</i> , 1925
	24	Roebli ^g 's, John A. Sons Company Price List, 1908
	25	Roebli ^g 's, John A. Sons Company <i>The Care of Wire Rope</i> , 1915 <i>Wire Rope Sockets</i> , n. d. <i>The Roebli^g Story</i> , 1941
	26	San Francisco Bridge Company San Francisco, CA
		Scaife, William B. and Sons Pittsburgh, PA Wrought Iron Bridge Builders
		Seymour, M.T. New York, New York
		Shiffler Bridge Company Pittsburgh, PA
		Smith Bridge Company Toledo, OH
		Smith, C.C. and E.G. La Crosse, WI
	27	Strauss Bascule and Concrete Bridge Company

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		Chicago, IL
	28	Teste, A. Fils, Pichat, Moret, & Cie. Lyon-Vaise, France Suspension bridges, wires, and cables
	29	Toronto Bridge Company Toronto, Canada
		Union Bridge Company Athens, PA
		Union Car and Bridge Works Chicago, IL
		Watson Manufacturing Company Paterson, NJ
		West Virginia Bridge Works Charlestown WV
		Wrought Iron Bridge Company New York, New York
	30	Wrought Iron Bridge Company Canton, Ohio Bridge specifications
		Series 2, Bridges, dates
		Subseries 2a, Bridges by Name, 1858-1936
2	1-2	Brooklyn Bridge [Also known as East River Bridge] New York, New York
o/s 9	6	Brooklyn Bridge New York, New York
2	3	Cincinnati and Covington Bridges
		Connecticut River Bridge Hartford, CT
		Delaware Bridge Philadelphia, PA
		Eads Bridge St. Louis, Missouri
	4	George Washington Bridge New York, New York
		Harlem River Bridges Harlem, New York
	5	Highway Draw Bridge Rahway, New Jersey
		Hudson Memorial Bridge (Committee) New York
	6	Lowe Bridge New York, New York
		Old North Bridge Concord, MA

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o/s 86	4	Natural Bridge Virginia
2	7	New Bridge Macomb's Dam, New York,
		Niagara Falls Suspension Bridge, 1858 Niagara Falls Upper Steel Arch Bridge
	8	Queensboro Bridge New York, New York
		Rensselaer Bridge Albany, New York
	9	San Francisco-Oakland Bay Bridge <i>San Francisco-Oakland Cantilever Bridge</i> Charles Evan Fowler, 1915
		<i>San Francisco-Oakland Bay Bridge</i> United States Steel, 1936
	10	Spuyten Duyvil Bridge New York, New York
		Triboro Bridge, New York, New York
	11	Washington Bridge New York, New York
o/s 9	6	Washington Bridge New York, New York
2	11	Williamsburg Bridge New York, New York Opening Ceremonies, 1903
		Subseries 2b, Bridges by Type, circa 1860-1910
	12	Covered bridges, images of
	13	Railroad bridges, images of Correspondence and documents relating to
	14	"Account of Bridges on C. & E. Rail Road July 1866 Commencing at Bradford" Handwritten notebook signed "J. A. Bean"
		"Northern Railroad Buildings and Bridges Div. number 2, April 1887" Hand written notebook, no name
	15	Suspension bridges, images of
		Series 3, Publications Relating To Bridges, circa 1823-1908
2	16	<i>Mr. Coin Shakespeare's Portable Rope Bridge</i> , 1823
	17	<i>General Specifications for Bridges Part III, Substructures and Concrete Bridges</i> J. E. Grenier, 1911

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	18	<i>Hints for Architects Strength Contributed by Cross bridging</i> R. G. Hatfield, 1877
	19	“London Bridge,” and “Suspension Bridges,” <i>The Penny Magazine</i> , 1832
	20	<i>Notes on the Theory of Cantilever Bridges</i> Charles McMillan, undated
	21	<i>Specifications for Bridges Carrying Electric Railways</i> Massachusetts Railroad Commission 1901, 1908
	22	<i>Supplemental Brief of the Lake Carriers Association</i> 1896
		Series 4, General Subjects Relating to Bridges, 1818-1926
2	23	Bills and receipts
	24	State documents
	25	Stocks and bonds
	26	Postcards
	27	Images
86	4	Images of natural bridges
86	4	Images of constructed bridges
2	28	Caricatures of bridge builders
	29	Miscellaneous materials