



Smithsonian

National Museum of American History Kenneth E. Behring Center

Guide to Modjeski and Masters Company Records

NMAH.AC.0976

Alison Oswald

2015-2016

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Table of Contents

Collection Overview	
Administrative Information	1
Biographical / Historical	3
Scope and Contents	3
Arrangement	4
Names and Subjects	
Bibliography	4
Container Listing	
Series 1: Biographical Materials, 1915 - 1986	6
Series 2: Letter Press Books, 1898 - 1906	8
Series 3: Photographs, 1878 - 1979	11
Series 4: Contracts, 1895 - 1960	29
Series 5: Printed Materials, 1862 - 1969	35
Series 6: Newspaper Clippings, 1924 - 1941	42
Series 7: Lantern Slides, undated	43
Series 8: Glass Plate Negatives, 1906-1926, undated (bulk 1906-1908)	45
Series 9: Film Negatives, 1924 - 1924, undated	70
Series 10: Drawings, 1901 - 1952	71

Collection Overview

Repository:	Archives Center, National Museum of American History
Title:	Modjeski and Masters Company Records
Date:	1870-1979 (bulk 1900-1940)
Identifier:	NMAH.AC.0976
Source:	National Museum of American History (U.S.). Division of Mechanical and Civil Engineering (Collector) National Museum of American History (U.S.). Division of History of Technology (Collector)
Creator:	Modjeski and Masters (Creator)
Extent:	60 Cubic feet (140 boxes, 23 map folders)
Language:	Collection is in English. Some materials in French, Polish, and Russian.
Summary:	The records document the work of consulting engineers and bridge builders, Ralph Modjeski (1861-1940) and Frank Masters (1883-1974) of Harrisburg, Pennsylvania.

Administrative Information

Acquisition Information

The collection was donated by Modjeski and Masters Consulting Engineers, through Joseph J. Scherrer, October 2, 1990.

Provenance

Transferred from Division of Work and Industry to the Archives Center in 2006.

Related Materials

Materials in the Archives Center

Bollman Truss Bridge Collection, 1852-1986 (AC1064)

Canadian Bridges Photograph Albums, 1873-1911 (AC1025)

Victor C. Darnell Bridge Construction Photographs, 1911-1913 and undated (AC1018)

Beata Drake Covered Bridge Collection, 1954-1981 (AC0998)

Ben Franklin Bridge Photograph Album, 1922-1926 (AC1029)

Hartford, Connecticut Bridge Collection, 1903-1905 (AC1066)

Lake Shore and Michigan Southern Railroad Bridge Profiles, 1877-1896 (AC1073)

Richard H. Miller Bridge Collection : postcards and slides, circa 1950-1988 and undated, #950

George S. Morison Collection, 1846-1903 (AC0978)
Niagara Falls Bridge Commission Records, 1848-1946 (bulk 1890-1929) (AC1060)
Northern Pacific Railroad Bridge Construction Photograph Album, 1883-1884 (AC1030)
David Plowden North American Bridge Photographs, 1970-1976 (AC1019)
Quebec Bridge Photograph Collection, 1905-1986 (bulk 1905-1916) (AC1026)
Railroad Bridges Construction Photograph Album, circa 1905-1914 (AC1024)
Samuel Reed Bridge Collection, 1947-1964 (AC1001)
Rip Van Winkle Bridge Photographs, 1933-1935 (AC1027)
John A. Roebling Collection, 1836-1975 (bulk 1930-1950) (AC0981)
Holton Duncan Robinson Papers, 1889-1938 (AC0963)
Lucinda Rudell Covered Bridges Collection, 1942-1979 (AC1028)
Lester Shanks Collection of Covered Bridge Photographs and Ephemera, 1876-2010 (bulk 1973-2008) (AC1244)
Washington, D.C. Bridges Collection, 1900-1905 (AC01095)
Raymond E. Wilson Covered Bridge Collection, 1958-1974 (AC0999)

Materials at Other Organizations

Southern Illinois University, Morris Library Special Collections

[Walter E. Angier photograph collection, 1901-1915](#)

[Walter E. Angier Vertical File Manuscript, 1924](#)

Michigan Historical Collections, Bentley Historical Library, University of Michigan

[Alfred Noble Papers, 1862-1922](#)

Processing Information

Collection processed by NMAH staff.

Processing Information

Collection processed by Alison Oswald, 2015-2016.

Preferred Citation

Modjeski and Masters Company Records, Archives Center, National Museum of American History

Restrictions

Collection is open for research but is stored off-site and special arrangements must be made to work with it. Contact the Archives Center for information at archivescenter@si.edu or 202-633-3270.

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Biographical / Historical

Rudolphe Modrzejewski was born to Helena Jadwiga Opid (d.1909) and Gustav Sinnmayer Modrzejewski (d. 1901) on January 27, 1861, in Cracow, Poland. His mother was an internationally known stage actress who went by the name Helena Modrzejewska. In 1868, Helena married Count Karol Bożenta Chłapowski. In July 1876, Helena and Rudolphe emigrated to America, where, for purposes of American citizenship, the Polish form of their surname was later changed to Modjeski (feminine form Modjeska). Modjeski became a naturalized citizen in 1883 in San Francisco, California.

In 1882, Modjeski returned to Europe to study at the Ecole Des Ponts et Chaussees and graduated in 1885 with a degree in civil engineering. Modjeski worked with prominent civil engineer and "Father of American Bridge Building," George S. Morison, on the Union Pacific Railroad Bridge over the Missouri River at Omaha as an assistant engineer. He remained with Morison from 1885 to 1892. Some of his assignments included working in the shops which produced steel sections; the design office where he advanced to chief draftsman; and as an inspector of quality control in shops that fabricated steel elements. Modjeski worked with Morison on his Willamette, Nebraska City, Sioux City, Winona, Cairo, and Memphis bridges across the Mississippi River. The Memphis bridge was the longest span cantilever in the country at the time.

In 1893, Modjeski opened a civil engineering practice in Chicago with S. Nicholson. After some financial difficulties, Nicholson and Modjeski dissolved their partnership. Modjeski's first individual large commission was the bridge at Rock Island, Illinois (1895) across the Mississippi River where he designed and supervised the construction of the bridge for the federal government and the Chicago, Rock Island and Pacific Railway Company.

In 1902, Modjeski went into partnership with fellow civil engineer, Alfred Noble (1844-1914) forming the firm of Noble and Modjeski. He went into partnership with Walter Angier, under the name Modjeski and Angier, civil and inspecting engineers, between 1912 and 1924 with several offices around the United States. Angiers had worked with him beginning in 1902 on the bridge across the Mississippi at Thebes, Illinois. Modjeski partnered, in 1924, with Frank Masters (1883-1974), who had worked with him and Angiers between 1904 and 1914 on the Memphis and Louisville Bridges, forming Modjeski and Masters. Clement E. Chase and Montgomery B. Case later joined the firm as partners. In 1937, Masters assumed full control and ownership of the firm which specialized in the design and construction supervision of large bridges and other structures, rehabilitation and reconstruction of existing bridges, the design of highways and expressways, subways and wharves, the design of large and complex foundations, inspection of construction materials, and the creation of surveys, investigations and reports.

Modjeski built and/or consulted on over forty bridges in his lifetime. He built truss, steel arch, and suspension bridges. He introduced steel tower pylons in place of masonry towers and he used better grades of steel, such as new steel alloys with improved strength and durability. He also introduced advancements in the design of cable configurations and deck-stiffening beams. Some of his major projects included: the Columbia River and Willamette bridges, McKinley Bridge at St. Louis; the Celilo Railroad Bridge at Celilo, Ohio; the Thebes Bridge over the Mississippi; the Quebec Bridge over the St. Lawrence River; the Delaware River Bridge; the San Francisco-Oakland Bay Bridge, the Manhattan Bridge, and the Mid-Hudson Bridge.

On December 28, 1885, Modjeski married Felicie Benda (d. 1936) in New York and the couple had three children: Felix Bozenta Modjeski (1887); Marylka Stuart Modjeski (1894) and Charles Emmanuel John Modjeski (1896-1944). Ralph and Felicie divorced in 1931. He later married Virginia Giblyn on July 7, 1931. Modjeski died in Los Angeles on June 26, 1940.

Scope and Contents

This collection documents the civil engineering career of Ralph Modjeski (1861-1940) and Frank masters (1883-1974). The materials include bound volumes and loose photographs of bridge work-in-progress; printed

reports; articles, pamphlets; drawings, blue prints and tracings of bridges; letterpress books of correspondence; contracts; reports; studies of bridge materials; and glass plate negatives and lantern slides depicting bridges.

Arrangement

The collection is arranged into ten series.

Series 1: Biographical Materials, 1915-1986

Series 2: Letter Press Books, 1898-1906

Series 3: Photographs, 1878-1979

Series 4: Contracts, 1895-1960

Series 5: Printed Materials, 1862-1969

Series 6: Newspaper Clippings, 1924-1941

Series 7: Lantern Slides, undated

Series 8: Glass Plate Negatives, 1906-1926

Series 9: Film Negatives, 1924, undated

Series 10: Drawings, 1901-1952

Bibliography

Barghouti, Kim, comp. *Nevada State Journal, 1870-1900* [database on-line]. Provo, UT, USA: Ancestry.com Operations Inc, 2000.

Duran, W.F. *Biographical Memoir of Ralph Modjeski, 1861-1940*. National Academy of Science, 1944.

Głomb, Józef. Translation by Peter J. Obst; edited by Halka Chronic. *A man who spanned two eras : the story of bridge engineer Ralph Modjeski* Philadelphia, Pa. : Kosciuszko Foundation, Philadelphia Chap, c 2002, 1988.

Griggs, Frank. "Ralph Modjeski," *Structure*, January 2013. (last accessed on January 12, 2016, <http://www.structuremag.org/?p=1182>)

"Modjeski Dies, 79; Famous Engineer," *New York Times*, June 28, 1940.

Journal of the Franklin Institute, Vol. 194, July-December 1922, pages 372-374.

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

- Bridge failures
- Bridges
- Civil engineering

Types of Materials:

- Contracts
- Correspondence

Drawings
Lantern slides
Letterpress books
Oral history -- 1950-1970
Photographs -- 19th century
Photographs -- Black-and-white negatives -- Glass

Names:

Masters, Frank, 1883-1974
Modjeski, Ralph, 1861-1940
National Museum of American History (U.S.). Division of History of Technology
National Museum of American History (U.S.). Division of Mechanical and Civil Engineering
Vogel, Robert M.

Places:

Harrisburg (Penn.)
Pennsylvania

Container Listing

Series 1: Biographical Materials, 1915 - 1986

Scope and Contents: This series consists of biographical materials for Ralph Modjeski and Frank Masters and historical background information about Modjeski and Masters, Inc.

Box 1, Folder 1	Frank Masters, 1951 - 1981
Box 1, Folder 2-4	<p>Interview with Frank Masters, 1963 April 8 1 Electronic discs (CD) (Duration: 32:39; 2 KB) 1 Electronic discs (DVD) (Duration: 32:39; 1.2 GB, 96k, 24 bit preservation .wav file) 1 Sound tape reel (Duration: 32:39; 7 1/2" IPS; 7")</p> <p>Notes: Frank Masters (interviewee); Robert Vogel (interviewer); and an unidentified third party. Interview conducted at the United States National Museum, Washington, D.C., April 8, 1963. Topics discussed include: materials used in bridge construction, welding vs. riveting; weight issues; pneumatic caissons and the change to open dredge piers; the Huey Long bridge in New Orleans; the Midtown Tunnel in New York, Clement Chase, and patenting.</p>
Box 1, Folder 5	A Romance of Engineering (memoirs of Frank M. Masters), 1962
Box 1, Folder 6	Ralph Modjeski (biographical sketches), undated
Box 1, Folder 7	Ralph Modjeski (photographs), undated
Box 1, Folder 8	Ralph Modjeski (articles), 1915 - 1986
Box 1, Folder 9	A Man at the Crossroads of Epochs, 1999
Box 2, Folder 1	Modjeski and Masters Consulting Engineers, 1893, undated
Box 2, Folder 2	Professional Engineering Services, undated
Box 2, Folder 3	Historical data regarding the firm of Modjeski and Masters, undated
Box 2, Folder 4	Major Highway Bridges, 1958-1969, undated
Box 2, Folder 5	Awards, 1941-1973
Box 105, Folder 1	Awards, 1941 - 1973
Box 128, Folder 1	Awards, 1941-1973
Box 89, Folder 3	What's left over? (caricature)

Box 89, Folder 3	Where did he come from? (caricature)
Box 89, Folder 3	Caricature of Ralph Modjeski, 1933 - 1933

[Return to Table of Contents](#)

Series 2: Letter Press Books, 1898 - 1906

Scope and Contents: The letter press books consist of bound volumes of correspondence between Modjeski and other civil engineers and companies that supplied materials or services for his bridge projects. The books are arranged chronologically and then alphabetically by name of bridge. Many of the individual letters in the bound volumes contain cross references to related letters. This is indicated at the top of the letter using the page number. For example, a January 18, 1905 letter to Modern Steel Structural Company of Waukesha, Wisconsin (page 339 of the volume), contains a cross reference to a related letter on page 286 of the same volume.

Box 3, Folder 1	Letter Press book (Ralph Modjeski), 1898 June 6-1899 February 23
Box 3, Folder 2	Letter Press Book (Ralph Modjeski, general correspondence), 1902 April 25-1902 November 19
Box 4, Folder 1	Letter Press Book (Ralph Modjeski), 1902 November 19-1903 September 11
Box 5, Folder 1	Letter Press Book (Ralph Modjeski), 1903 September 11-1904 April 18
Box 6, Folder 1	Letter Press Book, 1899 February 23-1900 March 13
Box 6A, Folder 1	Letter Press Book, 1900 March 13-1900 September 11
Box 6A, Folder 2	Letter Press Book, 1900 September 11-1901 March 2
Box 7A, Folder 1	Letter Press Book, 1901 March 4-1901 June 28
Box 7A, Folder 2	Letter Press Book, 1901 July 1-1901 October 7
Box 7, Folder 1	Letter Press Book, 1901 October 9-1901 December 30
Box 7, Folder 2	Letter Press Book, 1902 January 1-1902 April 20
Box 8, Folder 1	Letter Press Book (general book), 1902 July 17-1903 August 21
Box 8, Folder 2	Letter Press Book (general book), 1903 August 21-1904 June 13
Box 9, Folder 1	Letter Press Book (general book), 1904 June 14-1904 October 31
Box 9, Folder 2	Letter Press Book (general book), 1904 November 1-1905 March 20
Box 10, Folder 1	Letter Press Book (general book), 1905 March 20-1905 July 28
Box 10, Folder 2	Letter Press Book (general book), 1905 July 27-1905 November 1
Box 11, Folder 1	Letter Press Book (general book), 1906 March 13-1906 July 5

Box 11, Folder 2	Letter Press Book (general book), 1908 January 5-1908 October 8
Box 12, Folder 1	Letter Press Book (general book), 1908 October 8-1909 April 2
Box 12, Folder 2	Letter Press Book (general book), 1909 April 2-1909 October 2
Box 13, Folder 1	Letter Press Book (general book), 1909 October 28-1910 April 28
Box 13, Folder 2	Letter Press Book (general book), 1910 April 28-1911 December 06
Box 14, Folder 1	Letter Press Book (general book), 1910 December 06-1911 December 06
Box 14, Folder 2	Letter Press Book (general book), 1911 December 28-1913 May 21
Box 15, Folder 1	Letter Press Book (general book), 1913 May 21-1914 December 31
Box 15, Folder 2	Letter Press Book (general book), 1915 January 1-1916 May 17
Box 16, Folder 1	Letter Press Book (general book), 1918 October 30-1920 May 3
Box 16, Folder 2	Letter Press Book (general book), 1920 May 3-1921 July 18
Box 17	Letter Press Book (general book), 1921 July 14-1922 October 31
Box 16, Folder 1	Letter Press Book (general book), 1918 October 30-1920 May 3
Box 16, Folder 2	Letter Press Book (general book), 1920 May 3-1921 July 18
Box 17	Letter Press Book (general book), 1921 July 14-1922 October 31
Box 25, Folder 2	Celilo Bridge (Oregon Trunk Railway), 1910 February 15-1912 April 17
Box 78	Celilo Bridge (Oregon Trunk Railway), 1912-04-06 - 1913
Box 21, Folder 2	Baton Rouge Bridge Letter Book, 1909 October 2-1922 April 24
Box 20, Folder 1	Memphis Bridge Letter Book, 1913 April 10-1914 May 24
Box 20, Folder 2	Memphis Bridge Letter Book, 1914 July 24-1916 January 27
Box 20, Folder 1	Memphis Bridge Letter Book, 1916 January 27-1917 February 26
Box 22, Folder 1	Portland and Willamette Bridge, 1905 October 25-1906 August 6
Box 22, Folder 2	Portland and Willamette Bridge (Portland and Seattle Railway), 1906 August 6-1907 January 11

Box 19, Folder 3	Southern Illinois and Missouri Bridge, 1904
Box 21, Folder 3	St. Louis Electric Bridge Company (calculations), 1907 - 1907
Box 23, Folder 1	St. Louis Electric Bridge Company (calculations), 1909 - 1910
Box 23, Folder 2	St. Louis Electric Bridge Company Letter Book, 1907 October 9-1909 May 29
Box 23, Folder 3	St. Louis Electric Bridge Company Letter Book, 1909 May 28-1910 June 29
Box 23, Folder 4	St. Louis Electric Bridge Company Letter Book, 1910 June 30-1911 March 1
Box 18, Folder 1	Thebes Bridge, 1902 January 01-1904 June 24
Box 18, Folder 2	Thebes Bridge, 1904 June 30-1906 January 18
Box 18, Folder 3	Thebes Bridge (camber and erection adjustment), circa 1902
Box 18, Folder 4	Thebes Bridge (camber and erection adjustment), circa 1902 Notes: Includes loose material.
Box 19, Folder 1	Thebes Bridge #4, 1904 February 10-1904 November 30
Box 19, Folder 2	Thebes Bridge #5, 1904 December 1-1906 January 17
Box 24, Folder 1	Vancouver-Portland Bridges (Portland and Seattle Railway), 1907 January 11-1907 September 26
Box 24, Folder 2	Vancouver-Portland Bridges (Portland and Seattle Railway), 1907 September 26-1908 June 28
Box 25, Folder 1	Vancouver-Willamette Bridge (Portland -Seattle Railway), 1908 June 30-1909 October 08

[Return to Table of Contents](#)

Series 3: Photographs, 1878 - 1979

Scope and Contents: This series consists of approximately 13,000 "work-in-progress" photographs documenting Modjeski and later, Masters bridge construction. Images include black-and-white prints, negatives, slides, lantern slides, and transparencies. Many of the photographs are loose, but there are some bound albums. The majority of photographs are captioned and contain views of machinery, workers, aerial views, and streetscape scenes including buildings for major United States cities such as Philadelphia. The photographs also document the testing of cable materials, views depicting approaches to bridges, railway yards, waterfront piers, landscape views, buildings, demolition of other structures, and blasting of stone. Other loose materials found with the photographs include notes, correspondence, blueprints, and postcards. This series is arranged alphabetically by name of bridge.

Box 2, Folder 6	List of plates and films, 1927 - 1927
Box 2, Folder 7	Unidentified transparencies, undated
Box 26, Folder 1	Akron, Ohio Bridge, 1943 September
Box 26, Folder 2	Ak-Sak-Ben Bridge (between Omaha, Nebraska and Council Bluffs, Iowa), 1939
Box 26, Folder 3	Alaska Bridges, 1920
Box 67, Folder 1	Alaska Bridges, 1920
Box 26, Folder 4	Alcoa Dock Site (Baton Rouge, Louisiana), 1942
Box 70, Folder 1	Algiers Lift Bridge (New Orleans), undated
Box 105, Folder 2	Allegheny River Bridge, 1950 - 1950
Box 26, Folder 5	Allen G. Nichols Bridge (Calvin, Oklahoma), undated
Box 89, Folder 3	Ambassador Bridge, 1930 - 1930
Box 26, Folder 6	Arlington Memorial Bridge (Arlington, Virginia), undated
Box 26, Folder 7	Atchafalaya Bridge (Louisiana), undated
Box 26, Folder 8	Battle Creek Road and Dodge Avenue Bridge (Omaha, Nebraska), undated
Box 28, Folder 6	Battle Pass, Salem, New Hampshire
Box 26, Folder 9	Bedford, Pennsylvania Bridge, 1938 - 1941
Box 26, Folder 10	Bellair-Parkersburg Bridge, Ohio River (Bellair, Ohio to Parkersburg, West Virginia), 1941

Box 26	Ben Franklin Bridge, undated 6 Photographs
Map-folder 2	Ben Franklin Bridge, Suspension
Box 26, Folder 11	Berwick Bay Bridge (Morgan City, Louisiana), 1963
Box 105, Folder 3	Bessemer and Lake Erie Bridge, undated
Box 26, Folder 12	Binghamton, New York bridges, 1944
Box 26, Folder 13	Bismarck Bridge, 1905 - 1906
Box 67, Folder 2	Bismarck Bridge, 1905-1906
Box 70, Folder 2	Bismarck Bridge (North Dakota), 1906 - 1906
Box 26, Folder 14	Broadway Bridge (Portland, Oregon), 1912 - 1913
Box 70, Folder 3	Broadway Bridge, 1914 - 1914
Box 26, Folder 15	Brockport-Paducha Bridge, Ohio River (Paducha, Kentucky), 1928
Box 105, Folder 4	Cable Stay (Lulling, Texas), undated
Box 26, Folder 16	Cairo Bridge (Cairo, Illinois), 1937 - 1951, 1903 - 1903
Box 27, Folder 1	Cairo Bridge, Cairo, Illinois, 1936 - 1937
Box 27, Folder 2	Cairo Bridge, Cairo, Illinois, 1936 - 1937
Box 27, Folder 3	Cairo Bridge, Cairo, Illinois, 1937, 1950s
Box 27, Folder 4	Calvert Street Bridge (Washington, D.C.), 1934 - 1935
Box 27, Folder 5	Calvert Street Bridge (Washington, D.C.), 1938 November Notes: Includes inspection notebook and documentation for the St. George's Bridge and Chesapeake Delaware Canal
Box 27, Folder 6	Calvert Street Bridge (Washington, D.C.) model photographs, undated
Box 28, Folder 1	Calvert Street Bridge (Washington, D.C.), 1934 - 1935
Box 89, Folder 4	Calvert Street Bridge (Washington, D.C.) (#1-#10)
Box 89, Folder 5	Calvert Street Bridge (Washington, D.C.) (#11-#20)

Box 89, Folder 6	Calvert Street Bridge (Washington, D.C.) (#21-#31)
Box 28, Folder 2	Calhoun, Kentucky Bridge, undated
Box 28, Folder 3	Cape Girardeau Bridge (Mississippi River), 1942
Box 28, Folder 4	Carquinez, California Bridge, 1927
Box 28, Folder 5	Carrollton-Prestonville, Kentucky Bridge, undated
Box 28, Folder 7	Cedar-Cliff Bridge (Yellow Breeches, Oregon)
Box 67, Folder 3	Celilo Bridge, 1910
Box 68, Folder 1	Celilo Bridge, 1911
Box 68, Folder 2	Celilo Bridge, 1910 - 1912
Box 28, Folder 8	Celilo Bridge (Oregon Trunk Rail Bridge), 1910 - 1911
Box 28, Folder 9	Chain Bridge (Washington, D.C.), 1938
Box 89, Folder 7	Chain Bridge (Washington, D.C.), 1938
Box 28, Folder 10	Charenton, Louisiana Bridge, 1940 - 1941
Box 28, Folder 11	Cherry Street Bridge (Toledo, Ohio), 1910
Box 29, Folder 1	Chesapeake and Delaware Canal Bridges, 1975 - 1975, 1936 - 1938
Box 29, Folder 2	Chicago, Madison and Northern Railroad, undated
Box 69, Folder 1	Cincinnati Bridge, 1921 - 1922
Box 140	Cincinnati-Covington, aerial view 3 Copies (rolled; 66 1/4" x 22"; 65 1/4" x 22 3/4"; and 54 1/4" x 22")
Box 29, Folder 3	Cincinnati, Ohio Bridge (Southern Railroad bridge), 1921
Box 29, Folder 4	Cincinnati, Ohio Bridge (Southern Railroad bridge), 1929
Box 29, Folder 5	Cincinnati, Ohio Bridge (Suspension Bridge), 1929
Box 29, Folder 6	Cincinnati-Newport Bridge, 1947
Box 29, Folder 6	Cincinnati-Newport Bridge

Box 29, Folder 7	Circumferential Highway Bridge, Dedham, Massachusetts, undated
Box 91, Folder 2	City Park Lake Bridge (New Orleans)
Box 91, Folder 3	Claiborne Avenue Interchange (New Orleans), circa 1950s
Box 29, Folder 8	Clark's Ferry Bridge (Pennsylvania), 1923 - 1928, 1946 - 1946
Box 29, Folder 9	Clark's Ferry Bridge (Pennsylvania), 1924 - 1925
Box 29, Folder 10	Clark's Ferry Bridge (Pennsylvania), 1925, 1888 - 1888
Box 91, Folder 4	Clark's Ferry Bridge (Pennsylvania), 1925 - 1925
Map-folder 1	Clarks Ferry Bridge (Pennsylvania), undated 1 Panoramic print
Box 29, Folder 11	Clark's River Bridge (Kentucky), 1928
Box 30, Folder 1	Cleveland Bridge, 1932
Box 30, Folder 2	College Highway Bridge (Southington, Connecticut), undated
Box 30, Folder 3	Columbia River Bridge, 1906
Box 102, Folder 1	Columbia River Bridge, 1906
Box 30, Folder 4	Constitution Avenue Bridge (Theodore Roosevelt Memorial Bridge), 1957
Box 30, Folder 5	Conneaut Viaduct (Ohio), undated
Box 30, Folder 6	Corning, New York bridges
Box 109, Folder 3	Covington-Cincinnati Bridge (Ohio River), 1964 - 1964
Box 91, Folder 1	Covington-Newport Bridge, 1958 - 1958
Box 30, Folder 7	Crooked River Arch (Oregon Trunk Railway), 1911
Box 91, Folder 5	Crooked River Arch (Oregon Trunk Railway), 1911
Box 91, Folder 6	Cumberland River Bridge (Paducha, Kentucky and Burnside, Kentucky)
Box 30, Folder 8	Curwensville Quarry, Pennsylvania, undated
Map-folder 1	Davenport, Iowa Bridge, undated

	1 Photograph
Box 30, Folder 9	Delaware Aqueduct (Highfalls Bridge)
Box 29, Folder 12	Delaware River Bridge (Ben Franklin), undated
Box 30, Folder 10	Delaware River Bridge, 1948 - 1950
Box 102, Folder 2	Delaware River Bridge, 1948-1950
Box 30, Folder 11	Delaware River Bridge, 1925 - 1926
Box 30, Folder 12	Delaware River Bridge, 1924 - 1926
Box 31, Folder 1	Delaware River Bridge, 1922 January-1923 August
Box 31, Folder 2	Delaware River Bridge, 1922 March-1923 August
Box 31, Folder 3	Delaware River Bridge, 1922 September -1923 June
Box 31, Folder 4	Delaware River Bridge, 1923 April-1923 July
Box 31, Folder 5	Delaware River Bridge, 1923 August-1923 November
Box 31, Folder 6	Delaware River Bridge, 1921 - 1923
Box 32, Folder 1	Delaware River Bridge, 1923 October-1924 September
Box 32, Folder 2	Delaware River Bridge, 1923 October-1925 March
Box 32, Folder 3	Delaware River Bridge, 1924 October-1925 September
Box 32, Folder 4	Delaware River Bridge, 1924 - 1925
Box 32, Folder 5	Delaware River Bridge, 1923 October-1926 April
Box 33, Folder 1	Delaware River Bridge, 1923 - 1926
Box 33, Folder 2	Delaware River Bridge, 1924 March-1926 June
Box 33, Folder 3	Delaware River Bridge, 1926 February-1926 June
Box 34, Folder 1-4	Delaware River Bridge (Ben Franklin), 1979
Box 34, Folder 5	Delaware River Bridge, 1923 - 1925
Box 35, Folder 1	Delaware River Bridge, 1924 - 1926

Box 35, Folder 2	Delaware River Bridge, 1921
Box 35, Folder 3	Delaware River Bridge, 1923 - 1926
Box 35, Folder 4	Delaware River Bridge, 1925 - 1936
Box 35, Folder 5	Delaware River Bridge, 1934 - 1936
Box 71, Folder 1	Delaware River Bridge (Ben Franklin), undated
Box 91, Folder 8	Delaware River Bridge (Ben Franklin), undated
Box 109, Folder 4	Delaware River Bridge (Ben Franklin), undated
Box 125, Folder 9	Delaware River Port Authority, 1955 - 1955
Box 36, Folder 1	Detroit River Bridge, 1929
Box 36, Folder 2	Detroit River Bridge, 1927 September-1928 August
Box 36, Folder 3	Detroit River Bridge, 1928 September-1929 May
Box 36, Folder 4	Detroit River Bridge, 1928 - 1929
Box 129, Folder 2	Development of Hartmann and Luder Lines, undated
Box 37, Folder 1	Dubuque, Iowa Bridge, 1939
Box 37, Folder 2	E Street Bridge (Washington, D.C.), 1954
Box 37, Folder 3	Eads Bridge (Missouri), undated
Box 37, Folder 4	East Sixth Street Bridge (Los Angeles, California), 1932
Box 125, Folder 1	Erbs Covered Bridge (Lancaster County, Pennsylvania), undated
Box 37, Folder 5-8	Evansville Bridge (Ohio River), 1931 - 1932
Box 105, Folder 5	Fire Island, New York, undated
Box 71, Folder 2	Foreign Bridges, undated
Box 38, Folder 1	Fort Steuben Bridge (Steubenville, Ohio), 1952
Box 105, Folder 6	Fort Steuben (Steubenville, Ohio), undated
Box 38, Folder 2	Franconia Notch Tramway (New Hampshire), 1945

Box 38, Folder 3	Frisco Rock Island Overpass, undated
Box 38, Folder 4	Gallipolis Point Pleasant (Ohio River), 1936
Box 125, Folder 2	Gateway Bridge (Clinton, Iowa)
Box 38, Folder 5-7	George Washington Bridge (New York City), 1930 - 1931
Box 38, Folder 8	Glen Echo Street Car Line (Washington, D.C.), 1943
Box 38, Folder 9	Golden Gate Bridge, 1938
Box 125, Folder 3	Greater New Orleans, undated
Box 71, Folder 3-4	Gulfport Bridge (Port Arthur, Texas), undated
Box 72, Folder 1	Gulfport Bridge (Port Arthur, Texas), undated
Box 72, Folder 2-3	Gulfport Bridge (Port Arthur, Texas), 1971 - 1971
Box 125, Folder 1	Hannibal Bridge (Kansas City, Missouri), undated
Box 72, Folder 4	Harahan Bridge (Memphis, Tennessee), 1915 - 1916
Box 73, Folder 1	Harahan Bridge (Memphis, Tennessee), 1915-1916
Box 105, Folder 8	Hawk Falls, undated
Box 39, Folder 2	Hells Gate Bridge, 1914
Box 125, Folder 4	Henry Avenue Bridge (Philadelphia), 1927 - 1930
Box 39, Folder 3	Henry Avenue Bridge (Philadelphia), 1927-1930
Box 105, Folder 7	Henry Avenue Bridge (Philadelphia), 1927-1930
Box 39, Folder 4	Hill to Hill (Bethlehem, Pennsylvania)
Box 125, Folder 5	Hudson River Bridge, 1929 - 1930
Box 39, Folder 5-7	Hudson River Bridge, 1929-1930
Box 125, Folder 6	Huey P. Long Bridge (New Orleans), 1935 - 1937
Box 125, Folder 7	Huey P. Long Bridge (New Orleans), 1935-1937
Box 39, Folder 9	Huey P. Long Bridge (New Orleans), 1935-1937

Box 40, Folder 1	Huey P. Long Bridge (New Orleans), 1934 - 1935
Box 40, Folder 2	Huey P. Long Bridge (New Orleans), 1934-1935
Box 40, Folder 3	Huey P. Long Bridge (New Orleans), 1934-1935
Box 40, Folder 4	Huey P. Long Bridge (New Orleans), 1934-1935
Box 41, Folder 1-4	Huey P. Long Bridge (New Orleans), 1934 - 1935
Box 42, Folder 1-2	Huey P. Long Bridge (New Orleans), 1933 - 1934
Box 42, Folder 3	Indiana Harbor, 1908
Box 91, Folder 7	Iowa-Illinois Memorial Bridge, undated
Box 105, Folder 9	Iowa-Illinois Memorial Bridge, undated
Box 42, Folder 4	Juniata River Bridges, 1925 - 1926
Box 42, Folder 5	K Street Structures, 1941
Box 73, Folder 2	Keokuk Bridge, undated
Box 42, Folder 7	Kill Van Kull, 1930 - 1931
Box 43, Folder 1-2	Klinge Valley Bridge (Washington, D.C.), 1931
Box 42, Folder 6	Keokuk Bridge (Iowa), 1942 - 1957
Box 43, Folder 3	Keokuk Bridge (Iowa), 1942-1957
Box 43, Folder 4-5	Krotz Springs (Louisiana), 1939, 1938 - 1940
Box 43, Folder 6	LaClede Concrete Arch, undated
Box 44, Folder 1	Lake Isabel Suspension Bridge (Guatemala), 1899
Box 44, Folder 2	Lake Street Bridge (Minnesota), undated
Box 73, Folder 3	Lake Union Bridge (Seattle), 1929 - 1929
Box 105, Folder 10	Lehigh Gap, undated
Box 44, Folder 3	Lehigh River Bridge (Pennsylvania), 1965
Box 44, Folder 4	Leighton Chain Suspension Bridge, 1926

Box 44, Folder 5	Lewis and Clark Highway Bridges, 1936
Box 44, Folder 6	Lewiston Queenston Suspension Bridge (Niagara River), undated
Box 44, Folder 7	Lewiston-Reedsville Street Railroad Bridge, undated
Box 44, Folder 8	Lincoln Highway Bridge, 1930
Box 44, Folder 9	Linde Air Products Corporation, 1943
Box 44, Folder 10	Little Hell Gate Bridge, 1916
Box 44, Folder 11	Louisville Railroad Bridge (Big 4), undated
Box 44, Folder 13	Louisville Highway Bridge, 1928 - 1929
Box 45, Folder 1	Louisville Highway Bridge, 1928
Box 125, Folder 10	Louisville Highway Bridge, 1928
Box 45, Folder 2	Louisville Pennsylvania Railroad Bridge, 1917 - 1919
Box 45, Folder 3	Louisville Pennsylvania Railroad Bridge, 1917 - 1918
Box 45, Folder 4	Louisville Pennsylvania Railroad Bridge, 1934
Box 45, Folder 5	Mackinac Straits, 1941
Box 46, Folder 1	Manhattan Bridge, undated
Box 46, Folder 2	Market Street Bridge (Steubenville, Ohio)
Box 46, Folder 3	Market Street Bridge (Harrisburg, Pennsylvania)
Box 91, Folder 9	Market Street Bridge (Harrisburg, Pennsylvania), 1926 - 1928
Box 46, Folder 4	Market Street Bridge (Harrisburg, Pennsylvania), 1924 - 1935
Box 90	Market Street Bridge (Harrisburg, Pennsylvania), 1926-1928
Box 91, Folder 9	Market Street Bridge (Harrisburg, Pennsylvania)
Box 46, Folder 5	Mayport Bridge, undated
Box 46, Folder 6	Maysville Bridge (Kentucky), 1930 - 1931
Box 47, Folder 1	Maysville Bridge (Kentucky), 1929 - 1931, 1951 - 1951

Box 102, Folder 3	Maysville Bridge (Kentucky), 1929-1931, 1951
Box 47, Folder 3-4	McKinley Bridge (St. Louis Electric Bridge), 1908 - 1910
Box 73, Folder 4	McKinley Bridge, 1909 - 1909
Box 48, Folder 1	Meeker Avenue Bridge, 1939 - 1940
Box 105, Folder 11	Memphis Bridges, undated
Box 48, Folder 2	Memphis Bridge, 1915 - 1915, 1949 - 1950
Box 48, Folder 3	Memphis Bridge #1, 1913
Box 48, Folder 4	Memphis Bridge #2, 1914
Box 49, Folder 1	Memphis Bridge #3, 1914
Box 49, Folder 2	Memphis Bridge #4, 1914
Box 49, Folder 3	Memphis Bridge #5, 1914 - 1915
Box 50, Folder 1	Memphis Bridge #6, 1915
Box 50, Folder 2	Memphis Bridge #7, 1915
Box 50, Folder 3	Memphis Bridge #8, 1915
Box 51, Folder 1	Memphis Bridge #9, 1915 - 1916
Box 51, Folder 2	Memphis Bridge #10, 1916
Box 51, Folder 3	Memphis Bridge #11, 1916
Box 52, Folder 1	Merchants Bridge (St. Louis), undated
Box 52, Folder 2	Metropolis Highway Bridge (Illinois), undated
Box 52, Folder 3	Metropolis Railroad Bridge, 1928
Box 52, Folder 4	Metropolis Bridge #1, 1915, 1928 - 1928
Box 52, Folder 5	Metropolis Bridge #2, 1916
Box 53, Folder 1	Metropolis Bridge #3
Box 53, Folder 1	Metropolis Bridge #3, 1917

Box 53, Folder 2	Mid Hudson Bridge (Poughkeepsie), 1930 - 1932
Box 129, Folder 3	Mid Hudson Bridge (Poughkeepsie), 1930-1932
Box 53, Folder 3	Midtown Highway Crossing, 1941
Box 53, Folder 4	Milton Creek #159 (Pennsylvania), undated
Box 140	Milton, West Milton, and the Susquehanna, 1919 - 1919 1 Photograph (rolled panoramic)
Box 53, Folder 5	Milton Mfg., Company Electric Furnace (Milton, Pennsylvania), undated
Box 125, Folder 7	Mississippi River Bridge (New Orleans)
Box 53, Folder 6	Missouri River Bridge (Weldon Springs, Missouri), undated
Box 103, Folder 2	Missouri River Bridge (at Bellefontaine)
Box 53, Folder 7	Mobile Bay Bridge (Alabama), undated
Box 53, Folder 8	Mt. Vernon Bridge Works (Mt. Vernon, Ohio), 1919, 1909 - 1909
Box 53, Folder 9	Mona Lake Bridge (Muskegon, Michigan), undated
Box 103, Folder 1	Morganza Floodway, pile testing, 1939 - 1939
Box 53, Folder 10	Mulberry Street Viaduct (Harrisburg, Pennsylvania), undated
Box 53, Folder 11	Natchez River Bridge, undated
Box 89, Folder 1	Newburgh-Beacon Bridge, 1959 - 1960
Box 105, Folder 12	Newburgh-Beacon Bridge, 1959-1960
Box 105, Folder 13	New Calvin, Oklahoma, undated
Box 125, Folder 8	New Clinton Highway Bridge
Box 53, Folder 12	New Hampshire Avenue Bridge, 1958
Box 53, Folder 13	New Harmony Highway Bridge (Indiana), undated
Box 140	New Orleans Bridge (aerial view) 1 Photograph (rolled; 21" x 55 3/8")
Map-folder 3	New Orleans Bridge, undated

	1 Photograph
Box 53, Folder 14	Ngawon River Bridge, undated
Box 53, Folder 16	Niagara Falls Arch Bridge, undated
Box 140	Niagara Falls Upper Arch, undated 1 Prints (visual works) (rolled aerial view)
Box 53, Folder 17	Niagara Falls Suspension Bridge, 1927 - 1927, 1878
Box 53, Folder 17	Northern Pacific Railway (Little Falls, Minnesota), 1900
Box 105, Folder 14	Northern Pacific Railway Bridge (Bismarck), 1907 - 1907
Box 53, Folder 18	Northumberland, Pennsylvania Highway (Susquehanna River), undated
Box 105, Folder 15	Ogdensburg Bridge, 1939, 1976 - 1976
Box 53, Folder 19	Ogdensburg Bridge, 1939, 1976
Box 89, Folder 1	Ohio River Bridge, 1929 - 1929
Box 125, Folder 1	Ohio River Bridge, 1929
Box 53, Folder 20	Ohio River Highway Bridge (Louisville), undated
Box 125, Folder 11	Ohio River Highway Bridge (Louisville), undated
Box 53, Folder 21	Olequa Creek Bridges (#90 and #93), undated
Box 73, Folder 5	Omaha Missouri River Bridge, 1887 - 1887
Box 54, Folder 1	Omaha, Nebraska Bridge (Illinois Central Railroad), 1939 - 1945
Box 54, Folder 2	Ontario Avenue Bridge, undated
Box 54, Folder 3	Oregon Trunk Railroad, undated
Box 54, Folder 4	Oregon Coast Highway, [1949?]
Box 54, Folder 5-9	Owensboro, Kentucky Bridge, 1939 - 1940
Box 55, Folder 1A	Pacific Electric Railway (Los Angeles), undated
Box 55, Folder 1B	Paducha Highway Bridge, 1931 - 1931, 1928 - 1928

Box 55, Folder 1	Palace of the Soviets, undated
Box 55, Folder 2	Palm Springs California Tramway, 1939
Box 55, Folder 3	Panama, 1939
Box 55, Folder 4-5	Parkersburg Bridge (West Virginia), 1951 - 1951, 1936
Box 55, Folder 6	Paxton Creek, undated
Box 55, Folder 7	Peace Bridge (Buffalo, New York), 1937
Box 55, Folder 8	Pecos River Highway Bridge, undated
Box 55, Folder 9-10	Pecos River Railroad Bridge, 1943 - 1943, 1922
Box 105, Folder 16	Pecos Viaduct, undated
Box 129, Folder 4	Pennsylvania Turnpike Bridge, 1940 - 1940
Box 56, Folder 1	Port Huron-Sarnia Bridge (Bluewater), undated
Box 129, Folder 5	Port Huron-Sarnia Bridge (Bluewater), undated
Box 56, Folder 2	Portland Pennsylvania Bridges (Delaware River), undated
Box 56, Folder 3	Portland-Tualatin Tunnel, undated
Box 56, Folder 4	Portsmith, Ohio Suspension Bridge (US Grant Bridge), 1940, 1955 - 1955, 1957 - 1957
Box 56, Folder 5	Potomac River Bridges, 1952
Box 57, Folder 1-2	Pecos River Bridge, 1944
Box 57, Folder 3	Pennsylvania Railroad Bridges, 1913
Box 57, Folder 4	Pennsylvania and Reading Railroad Overpass, undated
Box 57, Folder 5	Philadelphia Masonry Arch Spans, undated
Box 57, Folder 6	Pittsburgh Bridge, undated
Box 57, Folder 7	Plattsmouth Missouri River Highway Bridge, 1929
Map-folder 4	Plattsmouth, Nebraska Bridge

1 Photograph

Box 57, Folder 8	Pomeroy Mason Bridge, undated
Box 125, Folder 12	Pontchartrain Expressway, general view of city and the Claiborne Interchange, 1949 - 1949 1 Photograph
Map-folder 1	Pontchartrain Expressway, general view of city and the Claiborne Interchange, 1949
Box 57, Folder 9	Port Clinton Coal Company Plant and Operations, undated
Box 57, Folder 10	Port Huron, 1956 - 1956, 1952
Box 58, Folder 1	Port Huron, 1937 - 1938
Box 58, Folder 2	Quebec Bridge, 1914-1915
Box 74, Folder 3	Quebec Bridge, 1914 - 1915 Notes: Includes scan of Quebec cantilever replacement with Ralph Modjeski (AC0976-0000013).
Box 128, Folder 2	Quebec Bridge, 1914-1915
Box 74, Folder 4	Quebec Bridge #2, 1913 - 1914
Box 75, Folder 1	Quebec Bridge #3, 1914 - 1914
Box 75, Folder 2	Quebec Bridge #4, 1914 - 1914
Box 76, Folder 1	Quebec Bridge #5, 1914 - 1915
Box 76, Folder 2	Quebec Bridge #6, 1915 - 1915
Box 77, Folder 1	Quebec Bridge #7, 1916 - 1916
Box 58, Folder 3	Queensboro Bridge, undated
Box 128, Folder 3	[Rip Van Winkle Bridge?], undated
Box 58, Folder 4	Rock Creek Bridge (Washington, D.C.), 1946
Box 58, Folder 5	Rock Island Arsenal, 1904 - 1907
Box 58, Folder 6	Rock Island Bridge, 1896
Box 128, Folder 5	Rock Island Bridge, 1896

Box 129, Folder 7	Rock Island Bridge, 1896
Box 58, Folder 7	Rockville Bridge (Susquehanna River, Harrisburg, Pennsylvania), 1947
Box 128, Folder 4	Robert Moses Bridge (Fire Island Inlet), undated
Box 129, Folder 6	Robert Moses Bridge (Fire Island Inlet)
Box 59, Folder 1	S.P. & S Railway Bridges, 1908
Box 59, Folder 2-3	San Francisco Bay Bridge, 1933
Box 59, Folder 4	San Joaquin River, 1929
Box 59, Folder 5	Sandusky Bay Bridge, 1944 - 1944, 1936
Box 59, Folder 6	Sault Ste. Marie, 1941
Box 59, Folder 7	Schuykill Expressway, 1951
Box 59, Folder 8	Saybrook and Lyme Bridge (Connecticut River), undated
Box 59, Folder 9	Simmesport, Louisiana (L & Arkansas Railway Company, Atchalaya River), 1938
Box 59, Folder 10	Smithland, Kentucky, undated
Box 128, Folder 6	Smithland, Kentucky, undated
Box 60, Folder 1	Sioux City, Iowa, undated
Box 60, Folder 2	South Capitol Street Bridge (Washington, D.C., Anacostia River), 1943 - 1948
Box 60, Folder 3	South Capitol Street Bridge (Washington, D.C., Anacostia River), 1946 - 1947
Box 60, Folder 4	South Capitol Street Bridge (Washington, D.C., Anacostia River), 1947 - 1950
Box 129, Folder 7	South Capitol Street Bridge (Washington, D.C., Anacostia River), 1947-1950
Box 60, Folder 5	Spartansburg, South Carolina, undated
Box 60, Folder 6	Spotsville, Kentucky Bridge, 1931
Box 125, Folder 13	Stayed Truss Bridge Study (Chalmette, Louisiana)
Box 60, Folder 7	St. Charles, Missouri Bridge (Wabash Bridge), 1936
Box 125, Folder 14	St. Clair River Bridge (Port Huron-Sarnia)

Box 140	St. John's River Bridge (Jacksonville, Florida), 1921 - 1921 1 Photograph (rolled aerial view)
Box 60, Folder 8	State Street Bridge (Harrisburg, Pennsylvania), 1925
Box 60, Folder 9	Streator, Illinois Bridge, 1910
Box 60, Folder 10	Sunbury, Pennsylvania, undated
Box 60, Folder 11	Susquehanna River (Harrisburg, Pennsylvania), 1926
Box 105, Folder 17	Swatara Creek Bridge, 1949 - 1949
Box 60, Folder 12	Tacony-Palmyra Bridge, 1954
Box 105, Folder 18	Tacony-Palmyra Bridge, 1954
Box 128, Folder 7	Tacony-Palmyra Bridge, 1954
Box 129, Folder 8	Tacony-Palmyra Bridge, 1954
Box 61, Folder 1	Tacony-Palmyra Bridge, 1928
Map-folder 4	Tacony-Palmyra Bridge, undated 1 Photograph
Box 61, Folder 2	T.C. & Oregon Railroad Bridge, 1913
Box 61, Folder 3	Testing (album of Engineer Clement E. Chase), 1922 - 1923
Box 61, Folder 4	Thames River, 1916
Box 62, Folder 1	Thames River Bridge, 1917 - 1918
Box 62, Folder 2	Thebes Bridge #2, 1902 - 1904
Box 62, Folder 3	Thebes Bridge #3, 1902 - 1904
Box 63, Folder 1	Thebes Bridge #3, 1904 - 1905
Box 63, Folder 2	Thebes Bridge, 1904 - 1905
Box 103, Folder 4	Thebes Bridge, 1904-1905
Box 63, Folder 3	Thebes Bridge, 1903 - 1905
Box 103, Folder 3	Thebes River Bridge, 1904 - 1904

Box 63, Folder 4	Thomas Viaduct, 1923
Box 74, Folder 1	Trans-Siberian Railway, 1899 - 1899
Box 63, Folder 5	Triborough Bridge, 1931
Box 63, Folder 6	University Bridge (Schuylkill River), undated
Box 63, Folder 7	Vancouver-Portland Bridges, 1907
Box 105, Folder 19	Walnut Beach Park, undated
Box 63, Folder 8	Walnut Street Bridge (Harrisburg, Pennsylvania), 1923
Box 63, Folder 9	Walt Whitman Bridge, 1953
Box 105, Folder 20	Walt Whitman Bridge, 1953
Box 63, Folder 10	Ward's Island Viaduct, 1916
Box 63, Folder 11	Washington, D.C. Bridges, 1944
Box 64, Folder 1	Washington, D.C. Bridges, 1952
Box 74, Folder 2	Washington, D.C. Bridges, 1952
Box 64, Folder 2	Wax Lake Outlet bridge, 1940 - 1941
Box 64, Folder 3	Wenatchee, Washington Bridge (Columbia River), 1925
Box 64, Folder 4	Westwego, Louisiana (Bauxite Dock), 1942
Box 64, Folder 5	White River Bridge #9 (Palmer Cutoff), undated
Box 64, Folder 6	Williamsburg Bridge, 1940
Box 64, Folder 7	Wisconsin Bridge Iron Works, undated
Box 64, Folder 8	Wishkat bridge #2 (Ambridge, Pennsylvania), undated
Box 64, Folder 9	Yadkin River Bridge, undated
Box 64, Folder 10	Yakima, Washington Bridges (#97 and #104), undated
Box 64, Folder 11	Japan and foreign bridges, 1930
Box 64, Folder 12	Yellow Creek Truss, undated

Box 65, Folder 1	Vancouver-Portland Bridges #1, 1907
Box 65, Folder 2	Vancouver-Portland Bridges #2, 1907 - 1908
Box 65, Folder 3	Vancouver-Portland Bridges #3, 1906 - 1907
Box 65, Folder 4	Vancouver-Portland Bridges #4, 1907 - 1908
Box 65, Folder 5	Various bridges (United States and foreign), undated
Box 66, Folder 2	Vancouver-Portland Bridges #5, 1907 - 1908
Box 66, Folder 3	Vancouver-Portland Bridges #6, 1907 - 1908
Box 103, Folder 5	Various Bridges Notes: Includes bridges for Celilo River Bridge, Crooked River Arch, Des Chutes River Bridge, Lehigh Valley Railroad Bridge, Louisville Railroad Bridge, Maumee River Bridge, McKinley Bridge (over the Mississippi at St. Louis) and the Portland-Oregon Bridge (at Broadway).
Box 125, Folder 15	Victory Drive Interchange (New Orleans), 1958 - 1958
Box 129, Folder 1	14th Street grade and separation structures (Washington, D.C.), 1942 - 1942
Box 129, Folder 9	Miscellaneous bridges, unidentified, undated
Box 64, Folder 13	Empty photograph binder (Ralph Modjeski), undated
Box 66, Folder 1	Empty photograph album binder (Clement E. Chase), undated

[Return to Table of Contents](#)

Series 4: Contracts, 1895 - 1960

Scope and Contents: This series consists primarily of typescript correspondence (incoming and outgoing), agreements, telegrams, handwritten notes, and drawings with local government, municipalities, railroad companies, and other companies for bridge work completed by Ralph Modjeski, Modjeski, Masters and Chase, and Modjeski, Masters and Case, Inc. The associated contract drawings (12" x 21") are bound. Some of the agreements are signed and have assigned job/contract numbers. Contracts and associated contract drawings do not exist for all bridges built by Modjeski and Masters.

Box 79, Folder 1	Alaska bridges, 1920
Box 79, Folder 2	Albany-Marin Bridge (San Francisco), 1928
Box 86, Folder 1	Arlington Memorial Bridge Commission contract drawings, contract #1, 1925 - 1925
Box 86, Folder 1	Arlington Memorial Bridge Commission contract drawings for the superstructure, contract #16, 1927 - 1927
Box 86, Folder 2	Arlington Memorial Bridge Commission contract drawings for bascule draw span superstructure, contract #22, 1928 - 1928
Box 86, Folder 3	Arlington Memorial Bridge Commission contract drawings for bridge plaza and water gate features contract #34
Box 79, Folder 3	Atchafalaya Bridge
Box 79, Folder 4	Baton Rouge Bridge, 1931
Box 79, Folder 5	Broadway Bridge (Portland, Oregon), 1908 - 1909
Box 79, Folder 6	Cairo, Illinois Bridge, 1934 - 1934, 1931
Box 80, Folder 14	Cairo Bridge, Final Report on Reconstruction, Illinois Central Railroad, 1953
Box 79, Folder 7	Calvert Street Bridge, 1931
Box 79, Folder 8	Cannelton-Hawesville Bridge, 1930
Box 79, Folder 9	Chesapeake and Delaware Canal Bridge, 1935
Box 79, Folder 10	Chicago Concrete Piers, 1909
Box 79, Folder 11	Cincinnati Bridges, 1920
Box 79, Folder 12	Clarks Ferry Bridge, 1924
Box 79, Folder 13	Cumberland River Bridge, 1928

Box 86, Folder 4	Cumberland River Bridge, contracts #1 and #2, 1929 - 1929 2 Volumes
Box 79, Folder 14	Klingle Valley Bridge (Connecticut Avenue, Washington, D.C., 1930 - 1931
Box 79, Folder 15	Davenport-Moline Bridge, 1935
Box 79, Folder 16	Deas Island Bridge, 1931
Box 79, Folder 17	Delaware River Bridge, 1926
Box 86, Folder 5	Delaware River Bridge Joint Commission, contract drawings for first section, Philadelphia Anchorage, contract #4, 1922
Box 86, Folder 5	Delaware River Bridge Joint Commission, contract drawings for Philadelphia Approach, Fourth to Fifth Street and street changes incidental thereto, contract #19, 1924 - 1924
Box 86, Folder 5	Delaware River Bridge Joint Commission, contract drawings for Camden approach to East of Fifth Street, contract #20, 1924 - 1924
Box 86, Folder 6	Delaware River Bridge Joint Commission, contract drawings for concrete slabs and paving of the roadway and footwalks, contract #21-B, 1925 - 1925
Box 86, Folder 6	Delaware River Bridge Joint Commission, contract drawings for Philadelphia Approach Fifth and Sixth Streets and work in adjacent streets, contract #22, 1925 - 1925
Box 86, Folder 7	Delaware River Bridge Joint Commission, contract drawings for Philadelphia approach, grading, paving and other work, Delaware Avenue to Fourth Street, contract #23, 1925 - 1925
Box 86, Folder 7	Delaware River Bridge Joint Commission, contract drawings for miscellaneous metalwork, 1926 - 1926
Box 86, Folder 8	Delaware River Bridge Joint Commission, contract drawings for electrical equipment, contract #25, 1926 - 1926
Box 86, Folder 8	Delaware River Bridge Joint Commission, contract drawings for completion of Camden approach, contract #28, 1926 - 1926
Box 86, Folder 8	Delaware River Bridge Joint Commission, contract drawings for door, finish and hardware schedules for Administration Building, contracts #31A, 31B, 31C and 31D, 1926 - 1926
Box 87, Folder 1	Delaware River Bridge Joint Commission, contract drawings for high speed rail transit line, construction in Camden of trackways along the contract #2, 1934 - 1934

Box 87, Folder 1	Delaware River Bridge Joint Commission, contract drawings for high speed rail transit line, construction in Camden of trackways along the contract #3, construction in Camden of a subway, 1934 - 1934
Box 87, Folder 1	Delaware River Bridge Joint Commission, contract drawings for high speed rail transit line, trackwork and contact rail, #6, 1934 - 1934
Box 87, Folder 2	Delaware River Bridge Joint Commission, contract drawings for high speed rail transit line, contract #7A, Philadelphia Substation Building, 1934 - 1934
Box 87, Folder 2	Delaware River Bridge Joint Commission, contract drawings for high speed rail transit line, contract 7B, Camden substation building, 1934 - 1934
Box 87, Folder 2	Delaware River Bridge Joint Commission, contract drawings for high speed rail transit line, contract 7C, Camden substation building, 1934 - 1934
Box 87, Folder 2	Delaware River Bridge Joint Commission, contract drawings for high speed rail transit line, contract 8, steel passenger cars, 1935 - 1935
Box 87, Folder 3	Delaware River Bridge Joint Commission, contract drawings for high speed rail transit line, contract 9, Substation control equipment and power distribution system, 1935 - 1935
Box 87, Folder 4	Delaware River Bridge Joint Commission, contract drawings for high speed rail transit line, contract 10, block signalling, interlocking and compressed air equipment, 1935 - 1935
Box 87, Folder 4	Delaware River Bridge Joint Commission, contract drawings for high speed rail transit line, contract 10A, block signalling, interlocking and compressed air equipment, 1935 - 1935
Box 87, Folder 5	Delaware River Bridge Joint Commission, contract drawings for high speed rail transit line, contract 11, station finish and control equipment, 1935 - 1935
Box 87, Folder 5	Delaware River Bridge Joint Commission, contract drawings for high speed rail transit line, contract 12, subway lighting, 1935 - 1935
Box 88, Folder 1	Delaware River Bridge Joint Commission, contract drawings for high speed rail transit line, contract 13, pumps, plumbing, sewage ejectors and heating, 1935 - 1935
Box 88, Folder 1	Delaware River Bridge Joint Commission, contract drawings for high speed rail transit line, contract 15, miscellaneous equipment and work, 1935 - 1935
Box 88, Folder 2	Delaware River Port Authority, contract 6, suspended structure and decks or anchorages, 1953 - 1953
Box 79, Folder 18	Detroit River Bridge, 1930 - 1930, 1927

Box 79, Folder 19	Evansville Bridge, 1930 - 1931
Box 79, Folder 20	Frankport Bridge, 1935
Box 79, Folder 21	Free Bridge (St. Louis), 1908
Box 79, Folder 22	Grosse Isle Bridge, 1928 - 1929
Box 79, Folder 23	Harahan Bridge, 1929
Box 88, Folder 3	Henry Avenue Bridge over the tracks of the Reading Company, 1929 - 1929
Box 88, Folder 3	Huey P. Long Bridge, contract 3, substructure, main bridge, 1932 - 1932
Box 79, Folder 24	Kentucky Bridges, 1930 - 1931
Box 79, Folder 25	Keokuk Bridge, 1924
Box 88, Folder 4	Kill Van Kull Bridge, main bridge abutments, plan of site and borings, 1928 - 1928
Box 88, Folder 4	Kill Van Kull Bridge, electrical installation, general plan and sections, 1931 - 1931
Box 80, Folder 2	Louisville Bridge, 1926 - 1930
Box 80, Folder 1	Manhattan Bridge, 1909
Box 88, Folder 5	Manhattan Bridge, number 3, construction of anchorages, 1904 - 1904
Box 88, Folder 5	Manhattan Bridge, metalwork for anchorages, 1905 - 1905
Box 80, Folder 3	Market Street Bridge, 1923 - 1935
Box 80, Folder 4	Maysville Bridge, 1928 - 1929
Box 80, Folder 5	McKinley Bridge, 1923 - 1923, 1906
Box 80, Folder 6	Memphis River Pier Protection, 1929 - 1929, 1925
Box 80, Folder 7	Metropolis Bridge, 1910
Box 80, Folder 8	Mid Hudson Bridge, 1926 - 1930
Box 80, Folder 9	Millersburg Bridge, 1930
Map-folder 109	Mississippi River Bridge, contract 4, superstructure, main bridge, 1932 - 1932
Box 88, Folder 6	Mississippi River Bridge, contract 5, substructure approaches, 1932

Box 88, Folder 6	Mississippi River Bridge, contract 6, substructure approaches, 1932 - 1932
Box 88, Folder 6	Mississippi River Bridge Authority, contract 4, river crossing superstructure, 1955 - 1955
Box 80, Folder 11	Modjeski and Angler inspection, 1923
Box 80, Folder 12	Morgan City Bridge, 1931
Box 89, Folder 1	Newburgh-Beacon Bridge, contract 2, river crossing substructure, 1959 - 1960
Box 80, Folder 13	New Orleans Bridge
Box 81, Folder 1	Niagara Falls Bridge, 1928
Box 81, Folder 2	Northern Pacific Railway, 1906
Box 89, Folder 1	Ohio River Bridge, contracts 1-4, 1929 - 1929
Box 81, Folder 3	Omaha and Council Bluffs, 1930
Box 81, Folder 4	Oregon Trunk Line Bridge, 1909
Box 81, Folder 5	Owensboro Bridge, 1931 - 1932
Box 81, Folder 6	Palace of the Soviets, 1934
Box 81, Folder 7	Parkersburg Bridge, 1906
Box 80, Folder 10	Partnership Agreements, 1930 - 1931
Box 81, Folder 8	Pecos River Viaduct, 1929
Box 81, Folder 9	Peoria Bridge, 1905
Box 81, Folder 10	Philadelphia City Bridges, 1927
Box 81, Folder 11	Plattsmouth Bridge, 1928
Box 81, Folder 12	Port Huron-Sarnia Bridge, 1929 - 1930
Box 81, Folder 13	Portland Tualatin Tunnel, 1929
Box 81, Folder 14	Poughkeepsie Railroad Bridge, 1927, 1932 - 1932
Box 81, Folder 15	Quebec Bridge, 1908

Box 81, Folder 16	Rock Island Arsenal Storehouse, 1904
Box 81, Folder 17	Rock Island Bridge, 1895
Box 81, Folder 18	St. Charles Bridge, 1928, 1934 - 1934
Box 81, Folder 19	San Francisco-Oakland Bridge, 1930 - 1933
Box 81, Folder 20	Shreveport Bridge, 1931
Box 81, Folder 21	Suisan Bay Bridge, 1928
Box 81, Folder 22	St. Lawrence Bridge, 1930
Box 81, Folder 23	Tacony-Palmyra Bridge, 1927
Box 81, Folder 24	Tennessee River Bridge, 1929
Box 89, Folder 2	Tennessee River Bridge, contracts 1-2, 1929 - 1929
Box 81, Folder 25	Thebes Bridge, 1901
Box 81, Folder 26	Toledo Bridge (Maumee River), 1910
Box 81, Folder 27	Triboro Bridge, 1930
Box 81, Folder 28	Vancouver Bridge, 1914
Box 81, Folder 29	Vancouver-Portland Bridge, 1905
Box 81, Folder 30	Vehicular Tunnel (North River), 1916
Box 81, Folder 31	Willamette River Bridge, 1912

[Return to Table of Contents](#)

Series 5: Printed Materials, 1862 - 1969

Scope and Contents: This series consists primarily of printed and published material such as technical reports, brochures, pamphlets, building and electrical codes, reports, and specifications about bridge construction. Also included are Senate and House bills (1939) relating to bridges, and there is some typescript correspondence, especially related to committees and advisory boards that the Modjeski and Masters Company participated in. Many of the writings were published by the American Institute of Steel Construction, Cornell University, Columbia University, Harvard University, and other industry organizations. The series is loosely arranged alphabetically.

Box 101, Folder 2	Advisory Board for the Investigation of Suspension Bridges, 1949 - 1949
Box 101, Folder 4-7	Advisory Board for the Investigation of Long Suspension Bridges, 1942 - 1947
Box 99, Folder 2	Aerodynamics Data, 1942 - 1943, 1932 - 1932, 1929 - 1929
Box 82, Folder 1	Aluminum in construction, 1938 - 1948
Box 99, Folder 3	American Society of Civil Engineers (correspondence related to the Tacoma Narrows Bridge), 1942 - 1942
Box 99, Folder 4	American Society of Civil Engineers (relates to the collapse of the Tacoma Narrows Bridge), 1942 - 1942
Box 82, Folder 2-54	Analysis and testing standards of materials and systems used in construction, 1920 - 1956
Box 110, Folder 1	Arterial Plan for New Orleans, 1946 - 1946
Box 92, Folder 1	Beaver Bridge (Pittsburgh and Lake Erie Railroad), 1910 - 1910
Box 106, Folder 2	Bellefontaine Bridge (report), 1894 - 1894
Box 99, Folder 5	Bibliographies from the Engineering Societies Library, 1941 - 1941
Box 92, Folder 2	Blackwell's Island Bridge (report), 1909 - 1909
Box 106, Folder 1	Blair Crossing (report), 1886 - 1886
Box 92, Folder 3	Boston and East Boston (transportation facilities between), 1925 - 1925
Box 92, Folder 4	Bridges, Dravo Contracting Company, Bulletin 401, 401-A, 1944 - 1944, 1932 - 1932
Box 82, Folder 5	Bridges, foreign, 1925 - 1925, 1910
Box 82, Folder 6	Bridges, general (bills before U.S. Congress), 1939

Box 82, Folder 7	Bridges, general, 1934
Box 83, Folder 2-3	Bridges, steel highway, 1922 - 1936, 1922, 1929 - 1929, 1926 - 1926
Box 83, Folder 1	Bridges, general, 1927
Box 83, Folder 4	Bridges, railroad, 1919 - 1956
Box 99, Folder 7	Bridge and testing specifications, 1927 - 1928
Box 126, Folder 1	Bridges vs. Tunnels, 1939 - 1939, 1916 - 1916, 1928 - 1929
Box 100, Folder 2	Brighton Pier failure, 1941 - 1941
Box 99, Folder 9	Cable manufacturing, 1938 - 1938, 1952 - 1952, 1957 - 1957
Box 2, Folder 10	Caisson, plans and details for various bridges, 1910 - 1920
Box 110, Folder 2	Camden Courier, bridge edition
Box 126, Folder 2	Canals and hydraulic engineering, 1913 - 1913, 1910 - 1910, 1937 - 1937, 1922 - 1922
Box 92, Folder 5	Chestnut Street Bridge (Philadelphia), 1862 - 1862
Box 2, Folder 8-9	Cincinnati Bridge (weekly reports and progress charts), 1921 - 1922
Box 109, Folder 5	Cincinnati Bridge (weekly reports and progress charts), 1921-1922
Box 126, Folder 3	Coatings, 1927 - 1927, 1921 - 1921, 1936 - 1937, 1931 - 1933
Box 126, Folder 4	Concrete, reinforced and prestressed, 1942 - 1942, 1932 - 1933
Box 126, Folder 5	Concrete, bridges and piles, 1938 - 1938, 1935 - 1936, 1960 - 1960, 1927 - 1927, 1923 - 1924, 1912 - 1912
Box 127, Folder 2	Construction, miscellaneous, 1919 - 1945
Box 99, Folder 10	Damping Capacity of Steel and its Measurements, 1940 - 1940
Box 99, Folder 11	Deer Isle-Sedgwick Bridge, 1943 - 1943
Box 110, Folder 3	Delair Bridge Interchange (preliminary report), 1969 July
Box 110, Folder 4	Delaware Expressway, engineering subsurface investigation, 1966 August
Box 92, Folder 6	Delaware River Bridge, 1926 - 1926

Box 92, Folder 7	Delaware River Bridge and Tunnel Commission (report), 1919 - 1919
Box 104, Folder 1	Delaware River Bridge Report, 1920 - 1921
Box 141, Folder 1	Delaware River Bridge Final Report, 1920
Box 104, Folder 2	Delaware River Bridge Final Report, 1927 - 1927
Box 139, Folder 1-2	Delaware River Bridge Report, 1930 - 1933
Box 99, Folder 12	Delaware River Bridge (publications), 1922 - 1926
Box 98, Folder 11	Delaware River Port Development Plan, 1948-11 Notes: prepared for the Delaware River Joint Commission of Pennsylvania and New Jersey by Knappen Tippetts Abnett Engineering Company
Box 104, Folder 3	Flood Control and Navigation Maps of the Mississippi River, 1964 - 1964
Box 92, Folder 8	George Washington Bridge, 1931 - 1931
Box 101, Folder 6	Golden Gate Bridge, advisory board studies, 1944 - 1947
Box 111, Folder 1	Harahan Bridge (Memphis, Tennessee), 1917 - 1917
Box 110, Folder 5	Harahan Bridge (Memphis, Tennessee), 1917
Box 126, Folder 6	Highways, 1938 - 1938, 1942 - 1942
Box 92, Folder 9	Holland Tunnel, Eighth Wonder, 1930 - 1930
Box 92, Folder 10	Hudson River Bridge (information for bidders' proposals), 1927 - 1927
Box 100, Folder 4	Internal Friction of Solids, 1927 - 1927
Box 92, Folder 11	Louisville Bridge Commission (final report), 1946 - 1946
Box 93, Folder 1	Louisville Municipal Bridge (final report), 1928 - 1928
Box 127, Folder 1	Lumber, 1927 - 1927, 1931 - 1931, 1923 - 1923, 1933 - 1933
Box 93, Folder 3	Manhattan Bridge (in the Engineering Record), 1905 - 1908
Box 104, Folder 4; Box 141, Folder 2	Manhattan Bridge Report, 1909 - 1909
Box 93, Folder 4	Market Street Bridge (Harrisburg, Pennsylvania), 1924 - 1924

Box 111, Folder 2	McKinley Bridge (St. Louis, Missouri), 1919 - 1919
Box 93, Folder 5	Memphis and Arkansas Highway Bridge (final report, and supplement and contract drawings), 1944 - 1948
Box 93, Folder 6	Memphis and Arkansas Highway Bridge (final report), 1950 - 1950
Box 112, Folder 1	Michigan State ferries, traffic studies, 1934 - 1935
Box 94, Folder 1	Mississippi River Bridge (pile driving data), 1933 - 1933
Box 94, Folder 2	Mississippi River Railroad Crossing at New Orleans, 1919 - 1919
Box 94, Folder 3	Mississippi River Bridge (data on pile driving), 1925 - 1925
Box 94, Folder 4	Mississippi River Highway Bridge, Engineering and Economic Studies, 1953 - 1953
Box 100, Folder 7	Model analysis, 1943 - 1945
Box 101, Folder 3	Model analysis for damping tests, 1943 - 1947
Box 84, Folder 1	Model studies by J.A. Roebling and Sons, 1945 - 1946
Box 84, Folder 2	Model analysis of Bronx-Whitestone Bridge, 1940
Box 100, Folder 5	Modjeski and Masters office studies, 1943 - 1946
Box 84, Folder 4	Narrows Bridge Loss Committee, 1941
Box 106, Folder 2	Nebraska City Bridge, 1892 - 1892
Box 95, Folder 1	New Cumberland Quartermaster Depot (report), 1943 - 1943
Box 106, Folder 1	New Omaha Bridge (report), 1889 - 1889
Box 95, Folder 2	New Orleans Bridge, 1933 - 1933
Box 95, Folder 3	New Orleans Bridge (final report), 1954 - 1958
Box 111, Folder 3	New Orleans and vicinity (data about foundations), 1937 - 1937
Box 107, Folder 1	Greater New Orleans Bridge Final Report, 1960 - 1960
Box 84, Folder 3	New York Suspension Bridges, 1902, 1929 - 1931
Box 96, Folder 1	Ogdensburg-Prescott Bridge (final report), 1961 - 1961

Box 127, Folder 3	Palace of the Soviets, 1934 - 1934
Box 96, Folder 2	Pecos River Bridge (final report), 1945 - 1945
Box 106, Folder 1	Plattsmouth Bridge (report), 1882 - 1882
Box 112, Folder 2	Plattsmouth Bridge (report), 1882
Box 112, Folder 3	Pontchartrain Expressway (New Orleans), 1949 - 1949
Box 96, Folder 3	Port Huron-Sarnia International Bridge Company (report), 1929 - 1929
Box 112, Folder 4	proposed measures for Traffic Relief and Other Associated Developments in Boston, undated
Box 96, Folder 4	Public Belt Railroad Commission (New Orleans), undated
Box 97, Folder 1	Quebec Bridge, Notes on the Work of the St. Lawrence Bridge Company, 1918 - 1918
Box 97, Folder 2	Quebec Bridge Inquiry Report, 1908 - 1908
Box 97, Folder 3	Quebec Bridge Inquiry: List of Plans accompanying report, 1908 - 1908
Box 113, Folder 1-2	Quebec Bridge Report, Volume 1, 1918 - 1918
Box 113, Folder 3	Quebec Bridge Report, Volume 2 (plates accompanying Volume 1), 1918 - 1918
Box 114, Folder 1	Quebec Bridge Report, Volume 2 (plates accompanying Volume 1), 1918
Box 98, Folder 8	Queensboro Bridge report on design and construction, 1908 - 1908
Box 112, Folder 5	Reconnaissance: Soils and Geological Engineering Investigation for Proposed L.R. 1065 Extension (Philadelphia counties), 1968 - 1969
Box 106, Folder 2	Rulo Bridge, 1890 - 1890
Box 84, Folder 6	San Francisco-Oakland Bay Bridge, 1934, 1936 - 1936
Box 97, Folder 4	San Francisco-Oakland Bay Bridge, 1935 - 1935
Box 107, Folder 2	San Francisco-Oakland Bay Bridge, Report on Estimated Traffic and Earnings, 1936-07 - 1936-07
Box 112, Folder 6	Schuylkill Expressway, Roosevelt Bouvelard Extension, 1950 - 1950
Box 99, Folder 8	Severn Bridge Aero Dynamic Research, 1949 - 1949

Box 106, Folder 2	Sioux City Bridge (report), 1891 - 1891
Box 112, Folder 7	Soils and Geological Engineering Report for Highway
Box 97, Folder 5	Frederick Snare Corporation, contracting engineers, undated
Box 108, Folder 1	Standards and Specifications, 1917 - 1956
Box 108, Folder 3-4	Steel and wrought iron, 1927 - 1946
Box 98, Folder 1	Straits of Mackinac (report), 1940 - 1940
Box 84, Folder 7	Studies by O.H. Ammann, consulting engineer, 1943 - 1946
Box 85, Folder 1	Studies by Friedrich Bleich, 1944 - 1945
Box 85, Folder 2	Studies by Sterling Johnson, engineer, 1943
Box 85, Folder 3	Studies by Edward Adams Richardson, 1943
Box 98, Folder 2	Suspension Bridges (World Engineering Congress), 1929 - 1929
Box 99, Folder 6	Suspension Bridges, 1926 - 1927, 1882 - 1882, 1924 - 1924
Box 84, Folder 7	Tacoma Narrows Bridge, Report of the Board of Investigation, 1941
Box 100, Folder 1	Tacoma Narrows Bridge (Narrows Bridge Loss Committee on the Extent of Damage Produced by the Failure), 1941 - 1941
Box 100, Folder 6	Tacoma Narrows Bridge, laboratory studies at the University of Washington, 1941 - 1941
Box 97, Folder 2	Tacony-Palmyra Bridge (preliminary report), 1927 - 1927
Box 98, Folder 4	Tacony-Palmyra Bridge (final report), 1931 - 1931
Box 98, Folder 5	Terminal Railroad Association of Saint Louis, 1905 - 1905
Box 141, Folder 3	Thebes Bridge Final Report, 1907
Box 98, Folder 6	Toll Bridges, 1927 - 1927
Box 98, Folder 7	Toll Bridges During the Past Decade, 1931 - 1931
Box 114, Folder 2	Vancouver-Portland Bridge Report, 1910 - 1910
Box 85, Folder 4	Vibration and wind action studies, 1940 - 1953

Box 85, Folder 5	Studies by G.B. Woodruff, 1943, 1945 - 1945
Box 85, Folder 6	T.P. Kuo, engineer, Suppression of Vibrations in Suspension Bridges, 1942 - 1943
Box 85, Folder 7	Tacoma-Narrows Bridge, new design, 1942 - 1943
Box 85, Folder 8	Tacoma-Narrows Bridge, collapse, 1941
Box 85, Folder 9	Tacoma-Narrows Bridge, insurance, 1941
Box 84, Folder 5	University of Washington, Structural Research Laboratory reports, 1941 - 1949
Box 141, Folder 4	Vancouver-Portland bridge (drawings), 1900
Box 98, Folder 10	Ventilation of Vehicular Tunnels (U.S. Bureau of Mines), 1927 - 1927
Box 85, Folder 10	Vibrations and damping data, 1929
Box 106, Folder 3	Walt Whitman Bridge Report, 1951 - 1951
Box 141, Folder 5	Walt Whitman Bridge Final Report, 1958
Box 98, Folder 9	Washington Memorial Bridge, dedication brochure, 1927 - 1927
Box 101, Folder 1	Welded Construction, 1929 - 1929, 1931 - 1931, 1948 - 1948, 1941 - 1941, 1937 - 1937, 1935 - 1935, 1956 - 1957
Box 85, Folder 11	Wind resistance articles, circa 1940s

[Return to Table of Contents](#)

Series 6: Newspaper Clippings, 1924 - 1941

Scope and Contents: This series contains newsclippings about bridge work related to Modjeski and Masters. There is one folder of clippings exclusively about the Huey P. Long Bridge in New Orleans.

Box 99, Folder 1	Articles and clippings, 1941 - 1941
Box 109, Folder 6	Articles and clippings, 1941
Box 139, Folder 3	Huey P. Long Bridge (New Orleans), 1932 - 1933
Box 139, Folder 4	Clippings (general about various bridges), 1924 - 1940

[Return to Table of Contents](#)

Series 7: Lantern Slides, undated

Scope and Contents: This series consists of lantern slides (3" x 4") depicting images of bridges as well as elevations, graphs, maps, plans, and aerial views of bridges. The series is arranged alphabetically by name of bridge.

Box 115	Arthur Kill Bridge
Box 115	Bear Mountain Bridge
Box 115	Bismarck Bridge
Box 115	Brooklyn Bridge
Box 115	Carquinez Bridge
Box 115	Celilo Bridge
Box 115	Chesapeake and Delaware Bridge
Box 115	Cincinnati Bridge
Box 115	Clarks Ferry Bridge
Box 115	Clinton Bridge
Box 115	Crooked River Bridge
Box 115	Davenport-Moline Memorial Bridge
Box 116	Delaware River Bridge
Box 116	Eads Bridge at St. Louis
Box 116	Hudson River Bridge
Box 116	Illinois-Iowa Memorial Bridge
Box 116	Louisville Bridge
Box 117	Louisville SSC Bridge
Box 117	Manhattan Bridge
Box 117	Maysville Bridge
Box 117	McKinley Bridge

Box 117	Memphis Bridge
Box 117	Mid-Hudson Bridge
Box 118	Mississippi River Bridge
Box 118	Omaha Bridge
Box 118	Palace of the Soviets
Box 118	Penrose Avenue Bridge
Box 119	Quebec Bridge
Box 119	Rock Island Bridge
Box 119	San Francisco Bay Bridge
Box 119	Scherzer Rolling Lift
Box 119	St. Louis Bridge, undated
Box 119	Tacony-Palmyra Bridge
Box 119	Thebes Bridge
Box 120	Thebes Bridge
Box 121	Vancouver-Portland Bridge
Box 121	Walt Whitman Bridge
Box 121	Washington (New York) Bridge
Box 121	Willamette Bridge
Box 122	Unidentified bridges
Box 122	Foreign bridges
Box 123	Foreign bridges
Box 124	Foreign bridges

[Return to Table of Contents](#)

Series 8: Glass Plate Negatives, 1906-1926, undated (bulk 1906-1908)

Scope and Contents: This series consists of glass plate negatives (ranging in size from 3/14" x 4 1/4" to 11 x 14") depicting bridges from the United States and other countries. The majority of the plates depict views of the bridges under construction and are "work progress" images. The series is arranged into three subseries: Subseries 7.1: United States; Subseries 7.2: Foreign; and Subseries 7.3: Miscellaneous. Within each subseries the plates are arranged alphabetically by name of bridge.

Subseries 7.1: United States, 1906 - 1908, undated

Box 137, Item 41	Chicago, Madison & Northern Railroad Bridge, view of drum on roller, undated
Box 130, Item 1	#1, Columbia River Bridge, general view, undated 1 Glass negative (11" x 14")
Box 130, Item 2	#2, Columbia River Bridge, draw span, undated 1 Glass negative (11" x 14")
Box 137, Item 42	Eads Bridge, St. Louis, undated
Box 131, Item 1	#1, Memphis Bridge, caisson 1, undated 1 Glass negative (8" x 10")
Box 131, Item 2	#2, Memphis Bridge, caisson 2, undated 1 Glass negative (8" x 10")
Box 131, Item 3	#3, Memphis Bridge, caisson 3, undated 1 Glass negative (8" x 10")
Box 131, Item 4	#4, Memphis Bridge, caisson 4, undated 1 Glass negative (8" x 10")
Box 131, Item 5	#5, Memphis Bridge, caisson 5, undated 1 Glass negative (8" x 10")
Box 131, Item 6	#6, Memphis Bridge, diagram showing rate of progress in sinking caissons, undated 1 Glass negative (8" x 10")
Box 131, Item 7	Memphis Bridge, undated 1 Glass negative (8" x 10")
Box 131, Item 8	#1, Metropolis Bridge, general view, undated 1 Glass negative (8" x 10")
Box 131, Item 9	#2, Metropolis Bridge, general view, undated 1 Glass negative (8" x 10")
Box 131, Item 10	#1, Rock Island Bridge, general view, undated

	1 Glass negative (8" x 10")
Box 131, Item 11	#2, Rock Island Bridge, general view, undated 1 Glass negative (8" x 10")
Box 130, Item 3	#3, Vancouver/Portland Bridge, undated 1 Glass negative (11" x 14")
Box 130, Item 4	#4, Willamette Bridge, looking downstream, undated 1 Glass negative (11" x 14")
Box 130, Item 5	#5, Willamette Bridge, looking upstream, undated 1 Glass negative (11" x 14")
Box 130, Item 6	#6, Willamette Bridge, draw span, undated 1 Glass negative (11" x 14")
Box 137, Item 43	High Bridge, from the east, New York, undated 1 Glass negative
Box 137, Item 44	Locust Street Bridge, Des Moines, Iowa, undated 1 Glass negative
Box 137, Item 45	Louisville Bridge (S.S.C. Company), undated 1 Glass negative
Box 137, Item 46	Main Bridge and Carnegie Library, Schenley Park, undated 1 Glass negative
Box 137, Item 47	Manhattan Bridge, New York, New York, undated 1 Glass negative
Box 137, Item 48	Mid-Hudson Bridge (tower), undated 1 Glass negative
Box 137, Item 49	Mid-Hudson Bridge (panorama), undated 1 Glass negative
Box 137, Item 50	New Orleans Bridge (proposed), 1927 1 Glass negative
Box 137, Item 51	Quebec Bridge (panorama), undated 1 Glass negative
Box 137, Item 52	Quebec Bridge (Phoenix Company's Bridge immediately before collapse), 1907 1 Glass negative
Box 137, Item 53	Quebec Bridge, erection opening for anchor arm

	1 Glass negative
Box 137, Item 54	Sixth Avenue, Melan Arch Bridge, Des Moines, Iowa, undated 1 Glass negative
Box 137, Item 55	Speedway, High and Washington Bridges, New York, New York, undated 1 Glass negative
Box 137, Item 56	Rock Island Bridge, erection of draw span, undated 1 Glass negative
Box 137, Item 57	Rock Island Bridge, undated 1 Glass negative
Box 137, Item 58	Rock Island Bridge, erection of draw span, undated 1 Glass negative
Box 137, Item 59	Rock Island Bridge (broken), undated 1 Glass negative
Box 137, Item 60	Rock Island Bridge, undated 1 Glass negative
Box 132, Item 1	Vancouver Bridge, Oregon Slough, Pier XI, 1907 May 7 1 Glass negative (6 3/4" x 8 1/2")
Box 132, Item 2	Vancouver Bridge, Shaws Island, Pier A, 1907 May 7 1 Glass negative (6 3/4" x 8 1/2")
Box 132, Item 3	Vancouver Bridge, Pier XI, Oregon Slough, 1907 May 7 1 Glass negative (6 3/4" x 8 1/2")
Box 132, Item 4	Vancouver Bridge, Metlako, 1907 May 7 1 Glass negative
Box 132, Item 5-6	Vancouver Bridge, pumping out Pier XI, Oregon Slough, 1907 May 14 1 Glass negative
Box 132, Item 7-8	Vancouver Bridge, north abutment, 1907 May 29 1 Glass negative
Box 132, Item 9	Vancouver Bridge, looking south from north abutment, 1907 May 29 1 Glass negative
Box 132, Item 10	Vancouver Bridge, looking south from north abutment, water 119.3, 1907 June 13 1 Glass negative
Box 132, Item 11	Vancouver Bridge, Shaws Island, boat over Pier A, water 119.3, 1907 June 13

	1 Glass negative
Box 132, Item 12	Vancouver Bridge, 8:15 a.m., 1907 June 19 1 Glass negative
Box 132, Item 13	Vancouver Bridge, Tug Edith, 1907 June 28 1 Glass negative
Box 132, Item 14	Vancouver Bridge, looking south from north abutment, 1907 June 28 1 Glass negative
Box 132, Item 15	Vancouver Bridge, 8:20 a.m., 1907 July 9 1 Glass negative
Box 132, Item 16	Vancouver Bridge, 8:30 a.m., 1907 July 9 1 Glass negative
Box 132, Item 17	Vancouver Bridge, 9:00 a.m., 1907 July 10 1 Glass negative
Box 132, Item 18	Vancouver Bridge, 10:30 a.m., 1907 July 11 1 Glass negative
Box 132, Item 19	Vancouver Bridge, 9:00 a.m., 1907 July 12 1 Glass negative
Box 132, Item 20	Vancouver Bridge, 9:20 a.m., 1907 July 13 1 Glass negative
Box 132, Item 21	Vancouver Bridge, 10:00 a.m., 1907 July 16 1 Glass negative
Box 132, Item 22	Vancouver Bridge, 9:00 a.m., 1907 July 19 1 Glass negative
Box 132, Item 23	Vancouver Bridge, switch engine, 1907 July 31 1 Glass negative
Box 132, Item 24	Vancouver Bridge, erection of truss, 1907 July 31 1 Glass negative
Box 132, Item 25	Vancouver Bridge, 9:00 a.m., 1907 August 10 1 Glass negative
Box 132, Item 26	Vancouver Bridge, 8:45 a.m., 1907 August 13 1 Glass negative
Box 132, Item 27	Vancouver Bridge, piers, 1907 August 13

	1 Glass negative
Box 132, Item 28	Vancouver Bridge, 8:20 a.m., 1907 August 14 1 Glass negative
Box 132, Item 29	Vancouver Bridge, boat, 1907 August 14 1 Glass negative
Box 132, Item 30	Vancouver Bridge, Tug Edith, 1907 August 21 1 Glass negative
Box 132, Item 31	Vancouver Bridge, Metlaka, 1907 August 21 1 Glass negative
Box 132, Item 32-33	Vancouver Bridge, Piers XII and XIII, 1907 August 23 1 Glass negative
Box 132, Item 34	Vancouver Bridge, Shaws Island, Pier H, looking north, 1907 August 23 1 Glass negative
Box 132, Item 35	Vancouver Bridge, Oregon Slough, looking south from island, 1907 August 23 1 Glass negative
Box 132, Item 36	Vancouver Bridge, 2:43 p.m., 1907 August 30 1 Glass negative
Box 132, Item 37	Vancouver Bridge, 2:53 p.m., 1907 August 30 1 Glass negative
Box 132, Item 38	Vancouver Bridge, 8:30 a.m., 1907 August 31 1 Glass negative
Box 132, Item 39	Vancouver Bridge, 10:45, 1907 August 31 1 Glass negative
Box 132, Item 40	Vancouver Bridge, 10:51 a.m., 1907 August 31 1 Glass negative
Box 132, Item 41	Vancouver Bridge, Streets Bailey Gatzert on trial trip, 1907 September 5 1 Glass negative
Box 132, Item 42	Vancouver Bridge, view of piers, 1907 September 5 1 Glass negative
Box 132, Item 43	Vancouver Bridge, Oregon Slough, 1907 September 13 1 Glass negative
Box 132, Item 44	Vancouver Bridge, Oregon Slough, from Pier Z, 1907 September 13

	1 Glass negative
Box 132, Item 45	Vancouver Bridge, drum on pier II, 1907 September 14 1 Glass negative
Box 132, Item 46-47	Vancouver Bridge, truss member, 1907 September 17 1 Glass negative
Box 132, Item 48	Vancouver Bridge, shore view, 1907 September 18 1 Glass negative
Box 132, Item 49	Vancouver Bridge, erection of span, 1907 September 18 1 Glass negative
Box 132, Item 50-51	Vancouver Bridge, view of piers, 1907 September 18 1 Glass negative
Box 132, Item 52-55	Vancouver Bridge, 3:00 p.m., 1907 September 25 1 Glass negative
Box 132, Item 56	Vancouver Bridge, Hayden Island piers, 1907 October 1 1 Glass negative
Box 132, Item 57	Vancouver Bridge, Oregon Slough, 1907 October 1 1 Glass negative
Box 132, Item 58	Vancouver Bridge, erection of draw span, 1907 October 4 1 Glass negative
Box 132, Item 59	Vancouver Bridge, 9:00 a.m., 1907 October 12 1 Glass negative
Box 132, Item 60	Vancouver Bridge, Oregon Slough, 1907 October 23 1 Glass negative
Box 132, Item 61	Vancouver Bridge, erection of span (draw), 1907 October 1 1 Glass negative
Box 132, Item 62	Vancouver Bridge, erection of span (draw), 1907 October 30 1 Glass negative
Box 132, Item 63	Vancouver Bridge, Oregon Slough, 1907 October 31 1 Glass negative
Box 132, Item 64	Vancouver Bridge, Slough, 1907 October 31 1 Glass negative
Box 132, Item 65-66	Vancouver Bridge, erection of draw span, 1907 October 31

	1 Glass negative
Box 132, Item 67-68	Vancouver Bridge, erection of draw span, 1907 November 14 1 Glass negative
Box 132, Item 69	Vancouver Bridge, view of draw span, 1907 December 16 1 Glass negative
Box 132, Item 70	Vancouver Bridge, view of draw span, 1907 December 16 1 Glass negative
Box 132, Item 71	Vancouver Bridge, erection of span (269'), 1908 January 4 1 Glass negative
Box 132, Item 72-73	Vancouver Bridge, view of draw span, 1908 January 4 1 Glass negative
Box 132, Item 74	Vancouver Bridge, Oregon Slough, 1908 January 9 1 Glass negative
Box 132, Item 75	Vancouver Bridge, 371 span, 1908 January 15 1 Glass negative
Box 132, Item 76	Vancouver Bridge, erection of 269' span, 1908 January 15 1 Glass negative
Box 132, Item 77	Vancouver Bridge, Oregon Slough, Pier XI, 1908 January 23 1 Glass negative
Box 132, Item 78	Vancouver Bridge, Oregon Slough looking south, 1908 January 23 1 Glass negative
Box 132, Item 79	Vancouver Bridge, looking south, 1908 January 29 1 Glass negative
Box 132, Item 80	Vancouver Bridge, south abutment, 1908 January 30 1 Glass negative
Box 132, Item 81-82	Vancouver Bridge, resident engineer force, 1908 January 30 1 Glass negative
Box 133, Item 1	Vancouver Bridge, concrete mixing barge at Pier XX, 1908 February 26 1 Glass negative
Box 133, Item 2	Vancouver Bridge, setting up from in Pier XIX cofferdam, 1908 February 26 1 Glass negative
Box 133, Item 3	Vancouver Bridge, looking north, 1908 February 22

	1 Glass negative
Box 133, Item 4	Vancouver Bridge, span VIII-IX, 1908 February 22 1 Glass negative
Box 133, Item 5-6	Vancouver Bridge, erection of 269' span, 1908 March 2 1 Glass negative
Box 133, Item 7	Vancouver Bridge, span IX-X, 1908 March 7 1 Glass negative
Box 133, Item 8	Vancouver Bridge, last course of masonry, Pier A, 1908 March 7 1 Glass negative
Box 133, Item 9	Vancouver Bridge, Piers XII to XVIII, Oregon Slough, 1908 March 16 1 Glass negative
Box 133, Item 10	Vancouver Bridge, placing girders on Piers O-P, 1908 March 31 1 Glass negative
Box 133, Item 11	Vancouver Bridge, placing girders at Piers S-T, Hayden Island Viaduct, 1908 April 3 1 Glass negative
Box 133, Item 12	Vancouver Bridge, Hayden Island Viaduct at Piers S-T, 1908 April 3 1 Glass negative
Box 133, Item 13	Vancouver Bridge, Traveler ready to be transported to Oregon Slough, 1908 April 15 1 Glass negative
Box 133, Item 14	Vancouver Bridge, Traveler, 1908 April 15 1 Glass negative
Box 133, Item 15	Vancouver Bridge, Traveler on way to Oregon Slough at 10:20 a.m., 1908 April 16 1 Glass negative
Box 133, Item 16-18	Vancouver Bridge, Traveler at Pier XI, 1908 April 16 1 Glass negative
Box 133, Item 19	Vancouver Bridge, general view of the bridge, 1908 April 24 1 Glass negative
Box 133, Item 20	Vancouver Bridge, looking upstream, 1908 April 25 1 Glass negative
Box 133, Item 21	Vancouver Bridge, looking downstream, 1908 April 25

	1 Glass negative
Box 133, Item 22	Vancouver Bridge, Bailey Gatzert and Chas. R. Spencer Racing (steam boats). Gatzert about twenty feet ahead, 1908 May 6 1 Glass negative
Box 133, Item 23	Vancouver Bridge, Oregon Slough crossing, 1908 May 28 1 Glass negative
Box 133, Item 24	Vancouver Bridge, Oregon Slough draw drum, 1908 June 11 1 Glass negative
Box 133, Item 25	Vancouver Bridge, High water on Hayden Island, elevation 121.65, 1908 June 20 1 Glass negative
Box 133, Item 26	Vancouver Bridge, 330' 4" draw slough, 1908 June 20 1 Glass negative
Box 133, Item 27	Vancouver Bridge, Getting traveler ready to fall into Oregon Slough at 5:00 p.m., 1908 June 29 1 Glass negative
Box 133, Item 28	Vancouver Bridge, Traveler falling into Oregon Slough at 5:20 p.m., 1908 June 29 1 Glass negative
Box 133, Item 29-31	Vancouver Bridge, C.C. Company Quarry, 1908 July 18 1 Glass negative
Box 133, Item 32-33	Vancouver Bridge, Oregon Slough, 1908 September 9 1 Glass negative
Box 137	Willamette Bridge, 521' draw span, undated 1 Glass negative
Box 134, Item 1	#2, Willamette Bridge, general view of Trestle across Doane Lake from the west side of the lake, 1906 July 7 1 Glass negative
Box 134, Item 2	#3, Willamette Bridge, general view of dock from the north side, 1906 July 7 1 Glass negative
Box 134, Item 4	#4, Willamette Bridge, power barge and end of dock, 1906 July 12 1 Glass negative
Box 134, Item 5	#5, Willamette Bridge, trestle across Doane Lake and driver coming back on wagon trestle, 1906 July 12 1 Glass negative
Box 134, Item 6	#6, Willamette Bridge, end of dock, power barge and tug cruiser, 1906 July 14

	1 Glass negative
Box 134, Item 7	#7, Willamette Bridge, cement house and east end of trestle, 1906 July 12 1 Glass negative
Box 134, Item 8	#8, Willamette Bridge, power barge, cruiser and end of dock, 1906 July 20 1 Glass negative
Box 134, Item 9	#9, Willamette Bridge, general view of buildings from east end of trestle, 1906 July 20 1 Glass negative
Box 134, Item 10	#10, Willamette Bridge, trestle across Doane Lake nearly completed, 1906 July 20 1 Glass negative
Box 134, Item 11	#11, Willamette Bridge, trestle across Doane Lake, 1906 July 20 1 Glass negative
Box 134, Item 12	#12, Willamette Bridge, trestle to dock and concrete barge, 1906 July 27 1 Glass negative
Box 134, Item 13	#13, Willamette Bridge, pressure barge in river near dock just about completed, 1906 July 27 1 Glass negative
Box 134, Item 14	#14, Willamette Bridge, general view from government dike of site for bridge, 1906 August 3 1 Glass negative
Box 134, Item 15	#15, Willamette Bridge, beginning of traveler end of track and timber yard, 1906 August 3 1 Glass negative
Box 134, Item 16	#16, Willamette Bridge, barges for lowering caissons, end of dock and caisson, 1906 August 3 1 Glass negative
Box 134, Item 17	#17, Willamette Bridge, caisson barges, end of dock and derrick, 1906 August 8 1 Glass negative
Box 134, Item 18	#18, Willamette Bridge, trestle and wagon way across Doane Lake, 1906 August 10 1 Glass negative
Box 134, Item 19	#19, Willamette Bridge, barge for lowering caisson, end of dock and derrick, 1906 August 10 1 Glass negative
Box 134, Item 20	#20, Willamette Bridge, traveler and houses at end of dock, 1906 August 10

	1 Glass negative
Box 134, Item 22	#22, Willamette Bridge, construction barge and caisson, 1906 August 16 1 Glass negative
Box 134, Item 23	#23, Willamette Bridge, executive force of work, 1906 August 16 1 Glass negative
Box 134, Item 24	#24, Willamette Bridge, derrick barge, 1906 August 16 1 Glass negative
Box 134, Item 25	#25, Willamette Bridge, plant used on the Willamette Bridge, interior of the power barge engine room, 1906 August 16 1 Glass negative
Box 134, Item 26	#26, Willamette Bridge, interior engine room, pressure barge, 1906 August 24 1 Glass negative
Box 134, Item 27	#27, Willamette Bridge, interior boiler room, pressure barge, 1906 August 24 1 Glass negative
Box 134, Item 28	#28, Willamette Bridge, derrick car and five empty on trestle over Doane Lake, 1906 August 25 1 Glass negative
Box 134, Item 29	#29, Willamette Bridge, caisson number 5 building, 1906 August 25 1 Glass negative
Box 134, Item 30	#30, Willamette Bridge, tank and cement house, 1906 August 25 1 Glass negative
Box 134, Item 31	#31, Willamette Bridge, dining room at noon time, 1906 August 25 1 Glass negative
Box 134, Item 32	#32, Willamette Bridge, first dirt moved for location of first caisson to be lowered on pier 5, 1906 August 31 1 Glass negative
Box 134, Item 33	#33, Willamette Bridge, progress on caisson for pier number 5, 1906 September 1 1 Glass negative
Box 134, Item 34	#34, Willamette Bridge, construction of caisson for pier 5, 1906 September 8 1 Glass negative
Box 134, Item 35	#35, Willamette Bridge, general view of dock from government pier, 1906 September 8

	1 Glass negative
Box 134, Item 36	#36, Willamette Bridge, frame of pile driven as placed on barge by dock derrick, 1906 September 11 1 Glass negative
Box 134, Item 37	#37, Willamette Bridge, the raising of pile driver frame from dock to barge by the dock derrick, 1906 September 11 1 Glass negative
Box 134, Item 38	#38, Willamette Bridge, method of launching caisson 5, 1906 September 22 1 Glass negative
Box 134, Item 39	#39, Willamette Bridge, position of caisson number 5 in river, before work is started in digging, 1906 September 26 1 Glass negative
Box 134, Item 40	#40, Willamette Bridge, working arrangement for pier 5, 1906 September 26 1 Glass negative
Box 134, Item 41	#41, Willamette Bridge, construction of caisson pier 1, 1906 September 26 1 Glass negative
Box 134, Item 42	#42, Willamette Bridge, pier 5, 1906 October 6 1 Glass negative
Box 134, Item 43	#43, Willamette Bridge, tank and traveling derrick, 1906 October 13 1 Glass negative
Box 134, Item 44	#44, Willamette Bridge, sand bagging pier 4, 1906 October 13 1 Glass negative
Box 134, Item 45	#45, Willamette Bridge, pier 5, 1906 October 13 1 Glass negative
Box 134, Item 46	#46, Willamette Bridge, yard, 1906 October 13 1 Glass negative
Box 134, Item 46	#46, Willamette Bridge, caisson pier number 5, 1906 October 20 1 Glass negative
Box 134, Item 47	#47, Willamette Bridge, caisson number 4, 1906 October 24 1 Glass negative
Box 134, Item 48	#48, Willamette Bridge, caisson number 1, 1906 October 29 1 Glass negative
Box 134, Item 49	#49, Willamette Bridge, east pier, 1906 October 29

1 Glass negative

Box 134, Item 50	#50, Willamette Bridge, west abutment and pier, 1906 October 30 1 Glass negative
Box 134, Item 51	#51, Willamette Bridge, caissons 4 and 5, 1906 November 4 1 Glass negative
Box 134, Item 52	#52, Willamette Bridge, east abutment, 1906 November 4 1 Glass negative
Box 134, Item 53	#53, Willamette Bridge, caisson number 1, 1906 November 5 1 Glass negative
Box 134, Item 55	#55, Willamette Bridge, masonry pier 1, 1906 November 10 1 Glass negative
Box 134, Item 55	#55, Willamette Bridge, masonry pier 5, 1906 November 10 1 Glass negative
Box 134, Item 56	#56, Willamette Bridge, west view, 1906 November 10 1 Glass negative
Box 134, Item 57	#57, Willamette Bridge, high water, 1906 November 19 1 Glass negative
Box 134, Item 58	#58, Willamette Bridge, caisson number 1, 1906 November 18 1 Glass negative
Box 134, Item 59	#59, Willamette Bridge, high water, 1906 November 18 1 Glass negative
Box 134, Item 60	#60, Willamette Bridge, caisson number 2, 1906 November 24 1 Glass negative
Box 134, Item 61	#61, Willamette Bridge, concrete caisson, 1906 November 24 1 Glass negative
Box 134, Item 62	#62, Willamette Bridge, east view, 1906 November 24 1 Glass negative
Box 134, Item 63	#63, Willamette Bridge, pier number 4, 1906 November 28 1 Glass negative
Box 134, Item 64	#64, Willamette Bridge, east view, 1906 December 5 1 Glass negative
Box 134, Item 65	#65, Willamette Bridge, east pier, 1906 December 5

	1 Glass negative
Box 134, Item 66	#66, Willamette Bridge, east view, 1906 November 18 1 Glass negative
Box 134, Item 68	#68, Willamette Bridge, caisson number 1, 1906 December 18 1 Glass negative
Box 134, Item 69	#69, Willamette Bridge, sand bagging pier 4, 1906 December 21 1 Glass negative
Box 134, Item 70	#70, Willamette Bridge, caisson number 2, 1906 December 24 1 Glass negative
Box 134, Item 71	#71, Willamette Bridge, sealing caisson number 5, 1906 December 29 1 Glass negative
Box 134, Item 72	#72, Willamette Bridge, west abutment, 1907 January 5 1 Glass negative
Box 134, Item 73	#73, Willamette Bridge, west pier, 1907 January 19 1 Glass negative
Box 134, Item 74	#74, Willamette Bridge, tank and traveling derrick, 1907 January 19 1 Glass negative
Box 134, Item 75	#75, Willamette Bridge, caisson number 3, 1907 January 25 1 Glass negative
Box 134, Item 76	#76, Willamette Bridge, pier number 1, 1907 January 25 1 Glass negative
Box 134, Item 77	#77, Willamette Bridge, west pier, 1907 January 25 1 Glass negative
Box 134, Item 78	#78, Willamette Bridge, caisson number 3, 1907 February 5 1 Glass negative
Box 134, Item 78	#78, Willamette Bridge, east pier, 1907 January 25 1 Glass negative
Box 134, Item 79	#79, Willamette Bridge, high water, 1907 January 25 1 Glass negative
Box 135, Item 1	#80, Willamette Bridge, drift wood at trestle and dock, 1907 February 6 1 Glass negative
Box 137, Item 62	Proposed East Boston Bridge, 1926 - 1926

Box 135	#81-82, Willamette Bridge, view looking toward St. John's showing high water, 1907 February 6 1 Glass negative
Box 135	#83, Willamette Bridge, caisson number 3, 1907 February 10 1 Glass negative
Box 135	#84, Willamette Bridge, second side track, 1907 February 14 1 Glass negative
Box 135	#85, Willamette Bridge, caisson number 3, 1907 February 20 1 Glass negative
Box 135	#86, Willamette Bridge, east abutment, 1907 February 20 1 Glass negative
Box 135	#87, Willamette Bridge, laying course number 1, pier 4, 1907 February 20 1 Glass negative
Box 135	#88, Willamette Bridge, view of bridge site from top of cut, 1907 February 24 1 Glass negative
Box 135	#88A, Willamette Bridge, view from top of peninsula cut looking toward Portland, 1907 February 24 1 Glass negative
Box 135	#89, Willamette Bridge, caisson number 3, 1907 February 1 1 Glass negative
Box 135	#90, Willamette Bridge, pier 5 and concrete caisson, 1907 February 1 1 Glass negative
Box 135	#91, Willamette Bridge, driving dolphins for pier 2, 1907 February 4 1 Glass negative
Box 135	#92, Willamette Bridge, caisson number 3 just before launching, 1907 February 9 1 Glass negative
Box 135	#93, Willamette Bridge, caisson number 3 just before launching, 1907 February 9 1 Glass negative
Box 135	#94, Willamette Bridge, launching of caisson number 3, 1907 February 9 1 Glass negative
Box 135	#95, Willamette Bridge, just after launching of caisson number 3, 1907 February 9 1 Glass negative
Box 135	#96, Willamette Bridge, view looking across the bridge line, 1907 April 5

1 Glass negative

Box 135	#100-#102, Willamette Bridge, towing caisson number 3 to place, 1907 May 1 2 Glass negatives
Box 135	#103, Willamette Bridge, concrete caisson and west abutment, 1907 May 1 1 Glass negative
Box 135	#104, Willamette Bridge, driving dolphins for caisson number 3, 1907 April 29 1 Glass negative
Box 135	#105-#106, Willamette Bridge, caisson number 3, 1907 May 13 2 Glass negatives
Box 135	#107, Willamette Bridge, unloading coal, 1907 May 25 1 Glass negative
Box 135	#108-#109, Willamette Bridge, cofferdam west abutment before cut-off, 1907 May 25 2 Glass negatives
Box 135	#110, Willamette Bridge, bank washing under cement house, 1907 June 7 1 Glass negative
Box 135	#111, Willamette Bridge, view along west bank showing bank wash, 1907 June 7 1 Glass negative
Box 135	#112, Willamette Bridge, protection above pier 3, 1907 June 19 1 Glass negative
Box 135	#113, Willamette Bridge, east abutment, 1907 June 25 1 Glass negative
Box 135	#114, Willamette Bridge, dredging at the east pier, 1907 1 Glass negative
Box 135	#115, Willamette Bridge, west abutment, 1907 July 2 1 Glass negative
Box 135	#116, Willamette Bridge, cutting of piles at pier A, 1907 August 2 1 Glass negative
Box 135	#117, Willamette Bridge, view looking west, 1907 August 3 1 Glass negative
Box 135	#118, Willamette Bridge, pier B showing course 5, 1907 August 16 1 Glass negative
Box 135	#119, Willamette Bridge, pier A showing working chamber, 1907 August 17

1 Glass negative

Box 135	#120, Willamette Bridge, driving last bent on upstream end of draw protection, 1907 August 23 1 Glass negative
Box 135	#121, Willamette Bridge, lowering caisson at pier A, 1907 September 6 1 Glass negative
Box 135	#122, Willamette Bridge, view along bride line looking east, 1907 October 2 1 Glass negative
Box 135	#123, Willamette Bridge, interior cofferdam at pier A, 1907 October 5 1 Glass negative
Box 135	#125, Willamette Bridge, west abutment, 1907 October 14 1 Glass negative
Box 135	#126, Willamette Bridge, first two bents span B-5, 1907 October 22 1 Glass negative
Box 135	#127, Willamette Bridge, false work span B-5, 1907 October 31 1 Glass negative
Box 135	#128, Willamette Bridge, span b-5 and traveler, 1907 November 2 1 Glass negative
Box 135	#129-#132, Willamette Bridge, Kelly-Atkinson Construction Company erecting traveler, 1907 November 8 4 Glass negatives
Box 135	#133, Willamette Bridge, span B-5, 1907 November 29 1 Glass negative
Box 135	#134, Willamette Bridge, span B-5 from west abutment, 1907 November 27 1 Glass negative
Box 135	#135, Willamette Bridge, span B-5, 1907 December 7 1 Glass negative
Box 135	#136, Willamette Bridge, view along draw protection, 1907 December 7 1 Glass negative
Box 135	#137, Willamette Bridge, view showing draw protection, 1907 December 14 1 Glass negative
Box 135	#138-#139, Willamette Bridge, span B-5 and 5-4, 1907 December 14

	2 Glass negatives
Box 135	#140, Willamette Bridge, span B-5 and 5-4, 1907 December 21 1 Glass negative
Box 135	#141, Willamette Bridge, span B-5 and approach span, 1907 December 28 1 Glass negative
Box 135	#142, Willamette Bridge, span 5-4, 1907 December 28 1 Glass negative
Box 135	#143, Willamette Bridge, pier B, 1908 January 3 1 Glass negative
Box 135	#144, Willamette Bridge, tow boat telegram, 1908 January 3 1 Glass negative
Box 135	#146, Willamette Bridge, west end span 5, approach span also showing bank protection, 1908 January 4 1 Glass negative
Box 135	#147, Willamette Bridge, span 4 and 5, 1908 January 4 1 Glass negative
Box 135	#148, Willamette Bridge, view from east abutment showing pier A, number 1, 3 and 4, 1908 January 14 1 Glass negative
Box 135	#149-#150, Willamette Bridge, span number 4 and 5, 1908 January 14 2 Glass negatives
Box 135	#151, Willamette Bridge, piers 1, 2 and A, 1908 January 18 1 Glass negative
Box 135	#152, Willamette Bridge, pier 5 and span 5, 1908 January 25 1 Glass negative
Box 135	#153, Willamette Bridge, view looking up stream, 1908 January 25 1 Glass negative
Box 135	#154, Willamette Bridge, City of St. John, Oregon, just below Willamette Bridge, 1908 January 25 1 Glass negative
Box 135	#157, Willamette Bridge, spans 1 and 2, 1908 February 10 1 Glass negative
Box 135	#158, Willamette Bridge, spans 1 and 2, 1908 February 22

1 Glass negative

Box 135	#159, Willamette Bridge, pier A, 7 west abutment, 1908 February 22 1 Glass negative
Box 135	#160, Willamette Bridge, span 2-1, 1908 March 2 1 Glass negative
Box 135	#161, Willamette Bridge, derrick at pier 2, 1908 March 2 1 Glass negative
Box 135	#162, Willamette Bridge, laying belting, draw pier, 1908 March 2 1 Glass negative
Box 135	#163, Willamette Bridge, laying belting at draw pier, 1908 March 2 1 Glass negative
Box 135	#164, Willamette Bridge, thru spans 4 and 5, 1908 March 7 1 Glass negative
Box 136	#165, Willamette Bridge, masonry pier 3, 1908 March 7 1 Glass negative
Box 136	#166, Willamette Bridge, setting east approach spans, 1908 March 31 1 Glass negative
Box 136	#167, Willamette Bridge, setting east approach spans, 1908 March 31 1 Glass negative
Box 136	#168, Willamette Bridge, pony bents on upstream end draw protection, 1908 April 15 1 Glass negative
Box 136	#169, Willamette Bridge, material derrick downstream end draw protection, 1908 April 15 1 Glass negative
Box 136	#170, Willamette Bridge, looking southwest, 1908 April 20 1 Glass negative
Box 136	#171, Willamette Bridge, view along bridge line from peninsula, 1908 April 20 1 Glass negative
Box 136	#172, Willamette Bridge, material derrick downstream end draw protection, 105 foot boom on derrick barge, 1908 April 20 1 Glass negative
Box 136	#173, Willamette Bridge, view along peninsula cut, 1908 April 20

	1 Glass negative
Box 136	#174, Willamette Bridge, view along bridge line from top of peninsula cut looking west, 1908 April 20 1 Glass negative
Box 136	#175, Willamette Bridge, looking east thru peninsula cut, 1908 April 20 1 Glass negative
Box 136	#176-#179, Willamette Bridge, erecting traveler at draw, 1908 April 29 4 Glass negatives
Box 136	#180, Willamette Bridge, loading beams of bridge draw span, 1908 May 20 1 Glass negative
Box 136	#181, Willamette Bridge, steel erection at draw span, 1908 May 5 1 Glass negative
Box 136	#182-#183, Willamette Bridge, setting center casting, 1908 May 6 2 Glass negatives
Box 136	#184, Willamette Bridge, traveler at draw span, 1908 May 6 1 Glass negative
Box 136	#185, Willamette Bridge, raising loading beams on barges, 1908 May 6 1 Glass negative
Box 136	#186, Willamette Bridge, raising second loading beams on barges, 1908 June 5 1 Glass negative
Box 136	#187, Willamette Bridge, transferring loading beams from barges to place, 1908 June 6 1 Glass negative
Box 136	#188, Willamette Bridge, first loading beam in place, 1908 June 6 1 Glass negative
Box 136	#189, Willamette Bridge, pile driver barge, 1908 June 8 1 Glass negative
Box 136	#190, Willamette Bridge, erection of draw span, 1908 June 13 1 Glass negative
Box 136	#191, Willamette Bridge, erection of draw span, 1908 July 1
Box 136	#192, Willamette Bridge, erection of draw span (plate missing), 1908 July 6 1 Glass negative
Box 136	#193, Willamette Bridge, erection of draw span, 1908 July 14

	1 Glass negative
Box 136	#194-#195, Willamette Bridge, dropping the traveler, 1908 July 21 2 Glass negatives
Box 136	#198, Willamette Bridge, view of draw span, 1908 July 25 1 Glass negative
Box 136	#199-#200, Willamette Bridge, turning the draw for the first time, 1908 July 25 2 Glass negatives
Box 136	A, Willamette Bridge, plant used on the bridge, traveler used in stone yard, circa 1907-1908 1 Glass negative
Box 136	B, Willamette Bridge, launch Telegram, 1907 June 1 Glass negative
Box 136	C, Willamette Bridge, Mt. Hood in the distance, 1907 February 10 1 Glass negative
Box 136	D, Willamette Bridge, 1907 February 10 1 Glass negative
Box 136	E, Willamette Bridge, Claremont Tavern, 1908 January 24 1 Glass negative
Box 136	F, Willamette Bridge, protected cruiser Charleston, 1907 June 19 1 Glass negative
Box 136	G, Willamette Bridge, showing interior of office, 1907 February 6
Box 136	H, Willamette Bridge, plant used on the bridge, derrick car property of the Kelly-Atkinson Construction Company, circa 1907-1908 1 Glass negative
Box 136	I, Willamette Bridge, plant used on the bridge, derrick at east pier and abutment, circa 1907-1908 1 Glass negative
Box 136	J, Willamette Bridge, stone setting barge with concrete mixer, circa 1907-1908 1 Glass negative
Box 136	K, Willamette Bridge, derrick car, circa 1907-1908 1 Glass negative
Box 136	L, Willamette Bridge, details of caissons A and B, circa 1907-1908

	1 Glass negative
Box 136	M, Willamette Bridge, details of caissons III, circa 1907-1908 1 Glass negative
Box 136	N-O, Willamette Bridge, river view, circa 1907-1908 2 Glass negatives
Box 136	Vancouver Bridge, pier construction, undated 3 Glass negatives
Box 136	Vancouver Bridge, Washington channel crossing, general elevation and plan, undated 1 Glass negative
Box 136	[Vancouver Bridge?], undated 1 Glass negative
Box 136	Vancouver Bridge, war ship, undated 1 Glass negative
Box 136	Vancouver Bridge, erection of draw span, undated 1 Glass negative
Box 136	Vancouver Bridge, Hendy hydraulic elevator, undated 1 Glass negative
Box 136	Vancouver Bridge, diagram showing rate of progress in sinking caisson, undated 1 Glass negative
Box 136	Vancouver Bridge, caissons, undated 1 Glass negative
Box 136	Vancouver Bridge, view of pier construction, undated 1 Glass negative
Box 136	Vancouver Bridge, pier sketch, undated 1 Glass negative
Box 136	Vancouver Bridge, general view of bridge, undated 1 Glass negative
Box 136	Vancouver Bridge, view of Oregon slough crossing, undated 1 Glass negative
Box 136	Vancouver Bridge, river view, undated

1 Glass negative

Subseries 7.2: Foreign, undated

Box 137, Item 1 #1, Le Pont Mayou, Le Theatre et Le Port, Bayonne, undated
1 Glass negative

Box 137, Item 2 #2, Germany, Potsdam New Bridge, undated
1 Glass negative

Box 137, Item 3 #3, Berlin Castle Bridge, undated
1 Glass negative

Box 137, Item 4 #4, Le Pont de Kehl Strasbourg, undated
1 Glass negative

Box 137, Item 5 #5, Hamburg, undated
1 Glass negative

Box 137, Item 6 #6, Krensnach, Germany, undated
1 Glass negative

Box 137, Item 7 #7, Le Ponte Vecchio, Florence, Italy, undated
1 Glass negative

Box 137, Item 8 #8, Firenze, Arcate del Ponte Vecchio, undated
1 Glass negative

Box 137, Item 9 #9, Firenze, Anglo del Ponte Vecchio, undated
1 Glass negative

Box 137, Item 10 #10, Venice, Rialto Bridge, undated
1 Glass negative

Box 137, Item 11 #11, Le Pont at les Gorges de Loup, undated
1 Glass negative

Box 137, Item 12 #12, Le Pont Tourant, Port Militaire de Brest, undated
1 Glass negative

Box 137, Item 13 #13, Les Viaducs de Loulla, France, undated
1 Glass negative

Box 137, Item 14 #14, Paris, Pont St. Louis, undated
1 Glass negative

Box 137, Item 15 #15, Panorama de Paris en Amont du Pont Royal, undated

	1 Glass negative
Box 137, Item 16	#16, Passerelle du Metro, Pont de Passy, undated 1 Glass negative
Box 137, Item 17	#17, Paris, Aqueduct of Artist, undated 1 Glass negative
Box 137, Item 18	#18, Parc des Buttes Chaumont, undated 1 Glass negative
Box 137, Item 19	#19, Turning Bridge, France-Brest, undated 1 Glass negative
Box 137, Item 20	#20, Bridge at Bordeaux, France, undated 1 Glass negative
Box 137, Item 21	#21, Paris, Pont Alexandre III, undated 1 Glass negative
Box 137, Item 22	#22, Paris, view of seven bridges taken from St. Gervais, undated 1 Glass negative
Box 137, Item 23	#23, Paris, La Place de la Concorde, undated 1 Glass negative
Box 137, Item 24	#24, Runcorn Bridge near Liverpool, erected 1868, undated 1 Glass negative
Box 137, Item 25	#25, Thames embankment and obelisk, London, undated 1 Glass negative
Box 137, Item 26	#26, Tower Bridge, London, England, undated 1 Glass negative
Box 137, Item 27	#27, London, Cleopatra's Needle and Thames embankment, undated 1 Glass negative
Box 137, Item 28	#28, London Bridge, London, England, undated 1 Glass negative
Box 137, Item 29	#29, The Japan Bridge, Darien (built by Japanese), undated 1 Glass negative
Box 137, Item 30	#30, Street scene in Copenhgaen, Denmark, undated 1 Glass negative
Box 137, Item 31	#31, Hoogesluis Bridge, Holland, undated

	1 Glass negative
Box 137, Item 32	#32, Magere Crug, Amstel, Amsterdam, Holland, undated 1 Glass negative
Box 137, Item 33	#33, Rotterdam, Holland, undated 1 Glass negative
Box 137, Item 34	#34, Bismarck Bridge, undated 1 Glass negative
Box 137, Item 35	#35, Le Viaduc d'Austerlitz, undated 1 Glass negative
Box 137, Item 36	#36, Vue d'ensemble des Helicoidales, undated 1 Glass negative
Box 137, Item 37	337, [Deutz?] Von Coeln Gesehen, undated 1 Glass negative
Box 137, Item 38	#38, [Coblenz und die Eisenbahnz Bruecke?], undated 1 Glass negative
Box 137, Item 39	#39, [Frankfurt?], undated 1 Glass negative
Box 137, Item 40	#40, Mainz und die Strassenbruecke, undated 1 Glass negative

Subseries 7.3: Miscellaneous, 1926 - 1926, undated

Box 137, Item 63-66	Ralph Modjeski, papers on "Bridges" (1926) and "50 years of Progress" (undated) for the American Society of Civil Engineering, 1926 - 1926 1 Glass negative
Box 137, Item 67-70	Unidentified glass plate negatives, undated

[Return to Table of Contents](#)

Series 9: Film Negatives, 1924 - 1924, undated

Scope and Contents: This series consists of film negatives depicting images of bridges and construction of bridges. The series is arranged alphabetically by bridge name.

Box 138, Item 1-8	#1-8, Bismarck Bridge, general view, undated 8 Negatives (photographic) (3 1/2" x 5 3/4")
Box 138, Item 9-14	#1-#6, Boston Bridge, undated 6 Negatives (photographic) (3 1/2" x 5 3/4")
Box 138, Item 15-43	#1-#28, Louisville and Jeffersonville Bridge, undated 28 Negatives (photographic) (3 1/2" x 5 3/4")
Box 138	#1-#105, Maysville, Kentucky Bridge, 1930 - 1931
Box 138, Item 44-77	#1-#34, New York, New Haven and Hartford Railroad Valuation, New York Terminal, 1924 34 Negatives (photographic) (3 1/2" x 5 3/4")
Box 138, Item 78-99	#1-#22, Omaha Bridge, undated 22 Negatives (photographic) (2 1/2" x 3 1/4")
Box 138, Item 100	Quebec Bridge, undated 1 Negatives (photographic) (4 3/4" x 6 3/4")
Box 138, Item 101	Rainbow Bridge, undated 1 Negatives (photographic) (3 3/4" x 4 3/4")
Box 138, Item 102	Willamette River Bridge, Pier A, undated 1 Negatives (photographic) (2 1/2" x 3 1/2")

[Return to Table of Contents](#)

Series 10: Drawings, 1901 - 1952

Scope and Contents: This series consists of approximately 978 blueprints, ink on linen drawings, and pencil tracings for select bridge projects completed by Modjeski and later, Modjeski and Masters. The materials document, but are not limited to, general plans and elevations, plot plans, construction schedules and progress charts, the layout of piers, test pile data, approaches, and lift span trusses. The drawings are arranged alphabetically by name of bridge.

Map-folder 5	Burlington Bristol Bridge Company, 1931 50 Drawings (visual works)
Map-folder 6	Cairo Bridge (Cairo, Illinois), 1936 67 Drawings (visual works)
Map-folder 7	Charenton Canal Bridge (Baldwin, Louisiana), 1939 59 Drawings (visual works)
Map-folder 8	Clarks Ferry, 1924 - 1925 20 Drawings (visual works)
Map-folder 1	Crooked River Bridge (Jefferson County, Oregon), 1919 - 1919 1 Drawings (visual works) (pencil; 16 1/4" x 27 1/2") Notes: Drawing by Belle Silveira (1877-1930). Silveira was an illustrator born in Erie, Pennsylvania, and raised in Chicago where she trained and later taught at the Art Institute of Chicago. She was also a portraitist and fine artist.
Map-folder 4	D.C. Study of Independence Avenue Extension West, 14th Street, 1941 October
Map-folder 10	Evansville Bridge (Ohio River), 1928 - 1931 26 Drawings (visual works)
Box 140	Harrisburg South Bridge , west end spans, 1955
Map-folder 11	Henry Avenue Bridge, 1927 - 1931 21 Drawings (visual works)
Map-folder 12	Louisville Municipal Bridge, 1926 - 1946 102 Drawings (visual works)
Map-folder 13	Market Street Bridge (Harrisburg, Pennsylvania), 1925 - 1935 46 Drawings (visual works)
Map-folder 14	Maysville, Kentucky, 1930 - 1931 28 Drawings (visual works)
Box 109, Folder 1	Memphis Bridge, general plans (George S. Morison, chief engineer), undated

Map-folder 3	Mississippi River Bridge (New Orleans), undated
Map-folder 9	Mississippi River Bridge, Davenport Bridge Commission, 1934 - 1961 173 Drawings (visual works)
Map-folder 16	Modjeski, early drawings, 1901 - 1907
Map-folder 3	Ohio River Highway Bridge, 1928 - 1928 1 Drawings (visual works) (pencil) Notes: Drawing by Thomas Keller.
Box 109, Folder 2	Penrose Avenue Bridge, general plans, 1-4 and bridge drawings, 1-61, 1947 - 1947
Map-folder 17	Port-Huron International Highway Bridge, 1929 - 1952 109 Drawings (visual works)
Map-folder 18	Poughkeepsie Railroad Bridge, circa 1905-1950s 36 Drawings (visual works)
Box 109, Folder 2	Pulaski-Pennsauken Interchange, undated
Map-folder 19	Rock Island, Illinois 68 Drawings (visual works)
Map-folder 20	Sesqui-Centennial Auditorium, Philadelphia, 1926 - 1926 9 Drawings (visual works)
Map-folder 1	Suspension Bridge Model Committee, damping test models and drawings, 1943-07-01 - 1943-07-01 5 Drawings (visual works)
Map-folder 21	Tacony-Palmyra Bridge over the Delaware River (includes final drawings), 1927 - 1930 104 Drawings (visual works)
Map-folder 22	Tanana River Bridge (near Nenana, Alaska), 1920 - 1920 39 Drawings (visual works)
Map-folder 23	Tennessee River Bridge (Paducah, Kentucky), 1929 - 1931 15 Drawings (visual works)
Map-folder 15	Miscellaneous Projects, Istanbul, East Boston and Memphis bridges

[Return to Table of Contents](#)