



Roebing Collection, 1830-1926

Collection Number: MC 04

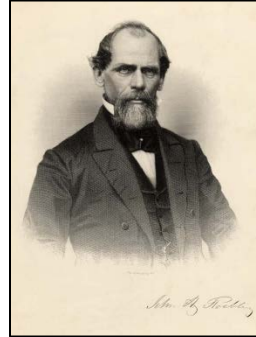


Table of Contents

[Roebing Family Historical Chronology](#)

[Historical Note](#)

[Scope and Content Note](#)

[Series Descriptions](#)

[I. John A. Roebing](#)

[II. Washington A. Roebing](#)

[III. Brooklyn \(East River\) Bridge](#)

[IV. John A. Roebing's Sons Company \(JARSCO\)](#)

[V. Emily Roebing](#)

[VI. Charles G. Roebing](#)

[VII. Gouverneur Warren](#)

[VIII. Images](#)

[IX. Artifacts](#)

[Oversize](#)

Processed By: Amy Rupert

Roebing Family Historical Chronology

Date	Event
1806	Johann August Röbling born in Mühlhausen, Thuringia, Prussia, 12 June.
1825	Completes civil engineering education at the Bauakademie, Berlin.
1831	Immigrates to United States; he and brother Carl establish the farming community of Saxonburg northeast of Pittsburgh, Pennsylvania.
1836	Marries Johanna Herting.
1836	JAR begins engineering work conducting canal surveying for the State of Pennsylvania.
1837	Washington Augustus Roebling (WAR) born in Saxonburg, 26 May.
1837	John A. Roebling (JAR) naturalized U.S. citizen, 30 September.
1840	Laura Roebling born 24 June.
1841	JAR makes first wire rope at Saxonburg for haulage on canal inclined planes. Launches wire rope business.
1842	Ferdinand William Roebling born 27 February.
1844	Elvira Roebling born 22 May.
1844-1845	JAR rebuilds a suspension canal aqueduct over the Allegheny River at Pittsburgh.
1845-1846	JAR rebuilds the Smithfield St. Suspension Bridge over the Monongahela at Pittsburgh.
1847	Josephine born 22 March.
1848-1849	JAR constructs Delaware and Lackawaxen Aqueducts, Delaware & Hudson Canal.
1849-1851	JAR constructs Neversink and Rondout (High Falls) Aqueducts, Delaware & Hudson Canal.
1848	JAR moves wire rope works and home to Trenton, New Jersey.
1849	Charles Roebling born 9 December.
1851-1855	JAR builds the Niagara Railway-Highway Suspension Bridge.
1854	Edmund Roebling born 1 January.
1854 -1857	JAR works on the Kentucky River railroad bridge project. Construction suspended due to lack of financial resources.
1854	WAR enters Rensselaer Polytechnic Institute, Troy, NY.
1856	Covington and Cincinnati Bridge construction begins.
1856	William Elderhorst Roebling, named for William Elderhorst, professor of chemistry at RPI, is born. He dies of diphtheria September 21, 1861.
1857	WAR graduates from RPI with a degree in civil engineering.
1857-1860	JAR constructs the Allegheny Bridge at Sixth Street in Pittsburgh
1858	WAR joins JAR as assistant on the Allegheny Bridge project.
1858	Work on Covington and Cincinnati Bridge suspended.

Date	Event
1861	WAR enlists in the Union Army.
1862	WAR erects several military suspension bridges.
1863	Construction on Covington and Cincinnati Bridge resumes.
1864	WAR is promoted to Lt. Colonel, New York Volunteers.
1864	Johanna Roebling dies in Trenton after a long illness, 22 November.
1865	WAR is discharged from military, promoted to Colonel.
1865	WAR marries Emily Warren, 18 January.
1865	WAR joins JAR on Covington and Cincinnati Bridge as assistant chief engineer.
1866	Covington and Cincinnati Bridge opens to pedestrians, 1 December.
1867	JAR marries Lucia W. Cooper, 6 February.
1867-1869	WAR travels in Europe examining bridge construction techniques to prepare for construction of Brooklyn Bridge. His wife Emily accompanies him.
1867	John A. Roebling II born, 21 November in Mühlhausen.
1869	John A. Roebling's foot is crushed during survey of Brooklyn Bridge's center line, 6 July. Dies as a result of tetanus, 22 July, age 63.
1869	WAR is appointed chief engineer of Brooklyn Bridge following his father's death.
1870	Foundation work begins on Brooklyn Bridge, Brooklyn side.
1872-1873	WAR is stricken with the bends in chamber of caisson. He never fully recovers and takes up supervision of the project from his residence at 110 Columbia Heights in Brooklyn.
1875	Brooklyn tower masonry is completed in June.
1876	New York tower masonry is completed in July.
1876	John A. Roebling's Sons (JARSCO) incorporated; WAR is president.
1877	WAR resigns from JARSCO; brother Charles takes charge.
1877-1878	Cable is strung on the Brooklyn Bridge.
1882	Approach structures are completed.
1883	Brooklyn Bridge, longest suspension bridge in the world, formally opened, 24 May.
1883	WAR resigns as Chief Engineer of the Brooklyn Bridge.
1884-1888	Washington & Emily reside in Troy, NY while John A. Roebling II attends Rensselaer Polytechnic Institute. John graduates in 1888 with a degree in civil engineering.
1892	Washington & Emily move to new Trenton mansion.
1903	Emily Warren Roebling dies of stomach cancer, 28 February, age 59. Buried at Cold Spring, New York.
1908	Memorial statue of John A. Roebling is unveiled in Trenton, New Jersey.

Date	Event
1908	WAR marries Cornelia Witsell Farrow, 21 April.
1926	Washington A. Roebling dies, 21 July, age 89. Buried at Cold Spring, New York.

Historical Note

Johann August Röbling (John Augustus Roebling) was born on July 12, 1806 in Mühlhausen in the state of Thuringia, Prussia, the son of tobacco shop owner Christoph Polycarpus Roebling and his wife Friederike Dortha. First tutored by the mathematician Dr. Ephraim Solomon Unger, he later attended the Bauakademie in Berlin from 1824 to 1825. There he studied under renowned professors J.F. Dietleyn and J.A. Eytelwein, as well as philosopher Georg Wilhelm Hegel, whose influence on Roebling would be life-long.

Roebling completed his education in civil engineering and began work as an apprentice engineer on road and bridge projects in Westphalia, Thuringia. He saw limited opportunities for career advancement and felt the lack of individual freedom in his native Prussia. He and his brother Carl joined a group of émigrés to the United States in 1831 and arrived in Philadelphia on the sixth of August. John and Carl Roebling settled northeast of Pittsburgh, Pennsylvania and founded the farming community of Saxonburg.

In 1836, John Roebling married Johanna Herting also of Mühlhausen and that same year began work as an engineer for the State of Pennsylvania. Their first child, Washington Augustus Roebling, was born on May 26, 1837. John obtained his American citizenship four months later, on September 30.

John Roebling worked on survey projects for the construction of canals and railroads. It was in this capacity that he became aware of the inadequacy of the hemp hawsers used to tow boats up the inclines on the state's canal system. Recalling a German engineering paper describing methods of making rope from wire, Roebling was inspired to produce a more durable alternative. He soon began experimenting with wire rope on his Saxonburg farm. With local farmers as his workers, he produced wire rope on a crude rope walk. In 1841, he made his first sale of the product to the Pennsylvania State Board of Public Works.

Roebling's inventive mind led him to propose a suspended canal aqueduct over the Allegheny River at Pittsburgh, which was approved in 1844. His first structure was also the world's first suspension aqueduct. He designed and built repairs on the Monongahela Suspension bridge at Pittsburgh in 1846. Between 1847 and 1850 he erected four suspension aqueducts for the Delaware and Hudson Canal in New York and Pennsylvania. In 1848 he moved his family and his growing wire rope business to Trenton, New Jersey. By then the Roebling offspring consisted of Washington, Laura, Ferdinand, Elvira and Josephine; Charles was born the following year.

By 1855 John A. Roebling had completed an engineering marvel - a railroad suspension bridge over the Niagara River. Roebling's design of cables and stays made it possible for the suspension bridge to bear the weight of locomotive traffic. Construction of the Kentucky River Bridge was started that same year but was abandoned in 1857 for lack of financial resources. The Covington and Cincinnati Bridge project began in 1856 and was officially opened in 1867 after an interruption of work during the Civil War. Roebling was in Cincinnati attending to details of the bridge construction when his wife Johanna died in Trenton in 1864. At 1057 feet,

the Covington and Cincinnati Bridge was the longest suspension bridge in the world. The bridge was renamed the John A. Roebling Bridge in 1984.

Roebling's son Washington attended Trenton Academy for four years, and then entered Rensselaer Polytechnic Institute in Troy, New York, America's leading engineering school at the time. Washington graduated in 1857 with a degree in civil engineering and immediately began to assist his father in the wire rope business. He also assisted in the construction of the Allegheny River Suspension Bridge at Pittsburgh, which was completed in 1860. Washington became a member of the New York State Militia of the Union Army in 1861. He served as a military engineer, planning and building suspension bridges such as those across the Rappahannock River (later captured and destroyed) and across the Shenandoah River at Harpers Ferry.

Washington received an honorable discharge on January 1, 1865, and two months later was promoted to the rank of colonel. He married Emily Warren, daughter of Sylvanus and Phoebe Lickley Warren of Cold Spring, New York, on January 18, 1865. Washington was introduced to Emily by her brother, General Gouverneur Kemble Warren, Washington's commanding officer at Gettysburg.

The New York State Legislature approved a bill in 1867 chartering a private company to build a bridge across the East River, linking the cities of New York and Brooklyn. John A. Roebling had long considered such a project, producing design drawings and proposing the feasibility of a bridge to Abram S. Hewitt in 1857. But not until the severe winter of 1866-1867, when ferry service between the two cities was seriously disrupted, did the idea gain widespread support. The bridge company chose Roebling as chief engineer in 1867.

While Roebling prepared the initial plans for the bridge, his son Washington spent a year in Europe (1867-1868) studying engineering methods, especially the pneumatic caisson method of sinking foundations. This method would be used for the foundations of what then was known as the "East River Bridge." Emily accompanied Washington on the trip and their son John A. Roebling II was born on November 21, 1867 in his grandfather's hometown of Mühlhausen.

While Roebling was making a final survey of the bridge site and the location for the Brooklyn tower, a ferryboat struck the pier on which he was standing, crushing his foot. Roebling, a proponent of the water cure, insisted on this treatment to heal his injury. He died as a result of tetanus a few weeks later, on July 22, 1869.

In his will, Roebling left his wire rope business to his sons and asked that they continue operating it under the name John A. Roebling's Sons. The company was incorporated under that name in 1876 with Washington A. Roebling as president. Charles G. Roebling took over as president in 1877 and Ferdinand Roebling assumed the position of Secretary/Treasurer. John A. Roebling's Sons grew, diversified and prospered for many years under the leadership of Roebling descendants.

Washington A. Roebling was appointed Chief Engineer for the Brooklyn Bridge immediately following the death of his father. He completed plans, designed necessary machinery, and until

1872, actively supervised construction of the bridge. That summer, while in the caisson under the Brooklyn tower, Roebling was stricken with the mysterious “caisson disease.” Today divers know that “the bends” is caused by frequent and prolonged subjection to high air pressure, as in the pneumatic caisson, and a too rapid return to normal pressure. The illness left Washington unable to continue onsite supervision of construction work and permanently impaired his health.

For the next eleven years, Roebling directed construction from his Brooklyn residence at 110 Columbia Heights, occasionally observing its progress through a telescope. He tutored Emily in engineering and she conveyed his instructions to C. C. Martin, Francis Collingwood, William Paine and others who were in charge of onsite operations. The major construction work on the bridge was completed in December 1882. The opening ceremonies, held on May 24, 1883, were attended by President Chester A. Arthur, New York Governor Grover Cleveland, and local dignitaries. Unable to accompany his wife at the ceremonies because of his condition, Roebling watched from his window. Emily Roebling was given the honor of being the first person to drive across the bridge.

With the Brooklyn Bridge completed, Roebling and his family moved to Troy, New York, where his son John A. Roebling II attended Rensselaer Polytechnic Institute. After John’s graduation in 1888, the family returned to Trenton. They moved into a newly constructed Tudor-style mansion at 191 West State Street in 1892.

John A. Roebling II married Margaret Shippen MacIlvaine in 1889. John, who earned a master’s degree in chemistry from Rensselaer, conducted research at John A. Roebling’s Sons for several years. He then pursued scientific investigations in his private laboratory and gave much of his attention to philanthropy. Margaret died in 1930 and John married Helen Rice from Shropshire, England in 1931.

Emily Warren Roebling died on February 28, 1903. Washington later married Mrs. Cornelia Witsell Farrow of Charleston, South Carolina, in 1908. He continued to consult on alterations to the Brooklyn Bridge and served on several bridge committees.

Washington A. Roebling died on July 21, 1926 at the age of eighty-nine. He was buried, according to his wishes, beside his first wife, Emily, in the cemetery at Cold Spring, New York, across the Hudson River from West Point.

Scope and Content Note

The Roebling Collection documents the personal and professional activities of John A. Roebling and Washington A. Roebling; and business activities of the John A. Roebling's Sons Company. The material dates from 1830 to 1926 with the bulk of the material dating from 1844 to 1883, the period of time when John A. Roebling and Washington A. Roebling were active in the design and construction of suspension bridges and the manufacture of wire rope.

The collection consists of manuscript correspondence, technical notes, design drawings, notebooks, account books, reports, legal documents, patents, maps, newspaper and magazine clippings, published items, photographs and lithographs. Especially significant are the extensive records documenting the planning and construction of the Brooklyn Bridge, the world's longest suspension bridge in the world when it opened in 1883. Documents include correspondence of both John and Washington Roebling; small and oversize drawings of construction plans and machinery; specifications of work to be done; and reports on construction progress and the completed structure. Also in the collection are smaller quantities of similar records for other bridges built by the Roeblings including the Allegheny Aqueduct, Niagara Railroad Suspension Bridge, Covington & Cincinnati Bridge and the Delaware and Hudson Canal Aqueduct. Records for bridges proposed, but not built, by the Roeblings include the Kentucky River Bridge, Tripartite Bridge and the St. Louis River Bridge. Records of John A. Roebling's wire rope manufacturing business (eventually named the John A. Roebling's Sons Company or JARSCO) include drawings of wire rope machines designed by John A. Roebling.

Pocket notebooks contain rough sketches and field notes on many of the engineering projects and on business and personal matters. Several design notebooks contain similar information in greater detail, as well as cost estimates and copies of related correspondence. The 151 notebooks, which often contain multiple subjects, have been numbered and arranged in the most relevant series.

A small amount of personal records include John A. Roebling's notes on spiritualism, financial and legal records, and his will. Washington A. Roebling's personal papers document his interest in the First World War and include a collection of tourist maps. A small amount of material belonging to Emily Warren Roebling, Charles G. Roebling, and Gouverneur Warren are also included in this collection. Scrapbooks kept by Emily Roebling chronicle the building of the Brooklyn Bridge and an additional book documents her interest in theater and opera.

Series Descriptions

Series I. John A. Roebling

Sub-series A. Personal, 1840-1869 [2.3 lin. ft.]

Papers comprised of biographical information, correspondence, legal documents, financial records and notes which are grouped in alphabetic sequences. Most of the correspondence is in German. Roebling's interest in spiritualism and the water cure are noted in this material. Receipts (1847-1854) are arranged chronologically and include household goods and services.

Sub-series B. General Engineering, 1823-1869 [2.5 lin. ft.]

Material arranged alphabetically includes, correspondence, notes, publications and a manuscript for John A. Roebling's book titled *Long and Short Span Railway Bridges*. The series is a miscellany of engineering designs and patents by John A. Roebling, and engineering topics not related to a specific Roebling project.

Sub-series C. Bridge Projects, 1830, 1845-1868 [12.5 lin. ft.]

Project records consist of correspondence, notes, drawings and specifications for suspension bridges designed and constructed by John A. Roebling, including: Allegheny Aqueduct, Allegheny Suspension Bridge, Delaware & Hudson Canal Aqueduct, Covington and Cincinnati Bridge, Monongahela Bridge, and Niagara Railway Suspension Bridge. (Brooklyn Bridge records are housed separately in Series 3.)

Sub-series D. Project Proposals, 1847-1872 [4.0 lin. ft.]

Bridge proposals consist of correspondence, notes, drawings, specifications and estimates made by John A. Roebling. Of particular interest in this series is the Kentucky River Bridge which Roebling started but did not complete, the Tripartite Bridge, a creative solution to bridging the three rivers of Pittsburgh, and the St. Louis River Bridge proposal which was turned down in favor of James Eads's design.

Series II. Washington A. Roebling

Sub-series A. Personal Miscellany, 1857-1923 [3.0 lin. ft.]

Personal papers include biographical data, correspondence, Vitrite and Luminoid investment records, notebooks, miscellaneous articles, British war documents, and travel maps.

Sub-series B. General Engineering, 1862-1924 [4.0 lin. ft.]

Materials include documents on a variety of bridge engineering topics.

Sub-series C. Project Proposals, 1863-1924 [.5 lin. ft.]

Bridge proposals include correspondence, notes, drawings, specifications and estimates made by Washington A. Roebling. The proposals include several military bridges designed by Roebling during the Civil War, consultations on and histories of bridges built by John A. Roebling, and the Hudson River Bridge which Roebling endorsed.

Series III. Brooklyn (East River) Bridge

Sub-series A. Correspondence, 1867-1922 [.25 lin. ft.]

Letters from contractors, letters regarding engineering issues, correspondence between engineers on the project, and correspondence detailing Washington A. Roebling's European trip. Letters are arranged alphabetically by correspondent's last name.

Sub-series B. Research Notes, 1858-1869 [.25 lin. ft.]

Notes taken by Washington A. Roebling during his trip to Europe in 1869 and material regarding construction methods and equipment gathered for use in the design of the bridge.

Sub-series C. Notes and Designs, 1856-1896 [8.5 lin. ft.]

Detailed notes and design drawings covering every facet of bridge construction, such as masonry towers, foundations and caissons, cable design, machinery, iron anchors, etc. Also included in this series are records regarding a lawsuit brought by James Eads and patent inquiries for various methods and machinery used in the construction of the Brooklyn Bridge. Subjects are arranged alphabetically and patents are arranged chronologically.

Sub-series D. Specifications, 1869-1880 [1.0 lin. ft.]

Chronologically arranged manuscript and printed specifications for masonry provided to contractors. Specifications for air compressors, excavating machinery and iron bars are also included.

Sub-series E. Reports, 1867-1896 [1.0 lin. ft.]

Chronological manuscript and published reports to and from the trustees of the New York & Brooklyn Bridge make up this group of documents.

Sub-series F. Bridge Opening, 1883 [5 folders]

Invitations and clippings celebrating the opening of the Brooklyn Bridge are included in this material.

Sub-series G. Newspapers, 1872-1912 [6 oversize folders]

Newspapers with feature articles on the construction and opening of the bridge.

Series IV. John A. Roebling's Sons Company (JARSCO)

Sub-series A. General, 1848-1914 [.25 lin. ft.]

This series includes material from the original John A. Roebling wire company in addition to records of the John A. Roebling's Sons Company. The material consists of correspondence, notes and designs, advertisements, labor and financial records all make up this group of documents. Items of note include documentation of the Williamsburg Bridge project and the detailed design drawings of wire rope machines and components. Oversize material is housed separately.

Sub-series B. Publications, 1870-1941 [.25 lin. ft.]

Articles published by JARSCO to publicize the company and promote its products.

Sub-series C. Notebooks, 1852-1872 [2.0 lin. ft.]

Notes on calculations, orders, time books, and notes on bridge projects.

Series V. Emily Roebling, 1867-1883

Scrapbooks compiled by Emily Roebling. Two books of news clippings document the construction of the Brooklyn Bridge and a third book consists of ephemera related to Emily's interest in theater and opera.

Series VI. Charles G. Roebling, 1860-1918 [3 folders]

Miscellaneous documents concerning Charles G. Roebling including a clipping of his obituary.

Series VII. Gouverneur Warren, undated [1 oversize folder]

This small series consists of engineering drawings of West Point fortifications and the Erie Canal drafted by General Gouverneur Warren, brother of Emily Warren Roebling.

Series VIII. Images

Sub-series A. Roebling family, undated [2.5 lin. ft.]

Photographs of Roebling family members including John A. Roebling, Washington A. Roebling, Emily W. Roebling and Roebling homes make up this subseries.

Sub-series B. Bridges, 1862-1928 [approx. 4.5 lin. ft.]

Bridge images include photographs, lithographs and engravings of bridges built by the Roeblings and other bridges of engineering interest. This material includes framed color lithographs of several Roebling bridges, some by Currier & Ives.

Sub-series C. Brooklyn Bridge, c1869-c1930 [approx. 4.0 lin. ft.]

This material includes photographs, lithographs, and newspaper illustrations. Photographs of bridge construction mounted on board are arranged in an approximate chronological sequence. Images of the completed structure, including photographs by Irving Underhill, are loosely arranged. Lithographs depicting bridge scenes by various artists (most are signed), in various sizes, are housed together.

Sub-series D. John A. Roebling's Sons Company, c1893-1914 [1.5 lin. ft.]

Photographs of JARSCO facilities, parade floats and exhibits.

Series IX. Artifacts, 1869-c1883

Three dimensional objects include mementos of the Brooklyn Bridge and the Roebling's Columbia Heights residence. A marble bust of John A. Roebling by Henry Baerer is also part of this collection and is on permanent display.

Series I. John A. Roebling**A. Personal**

Box #	Folder #	Contents	Old Box #	Old Folder #
1	1	Biographical Data 1870-1908	1	1
Correspondence				
1	2	Jacobi, Louis 1869 (German)	1	2
1	3	Meissner, Julius 1856 (German)	1	2
1	4	Merkel, H.T. 1858 (German)	1	2
1	5	Riedel, Julius 1858-1859	1	2
1	6	Robling, E.W. 1850 (German)	2	10,11
1	7	Weathered & Cherevoy re: furnace boilers	Drawer 1	1
Personal Miscellany				
1	8	Journal & Ausgaben & Einnahmen 1840	1	6
1	9	Last Will and Testamant- John A Roebling 1868	1	5
1	10	Last Will and Testamant- Elvira Stewart 1870	1	5
1	11	New York-Philadelphia Railroad Announcement 1868	1	9
1	12	Mailing Lists	1	12
1	13	Petition to New Jersey Legislature re: Incorporation of Hamilton	1	10
1	14	Petition to New Jersey Legislature re: support of troops	1	10
1	15	Spiritualism Meetings- Questions and Notes 1867-1868	1	11
Land & Financial Records				
1	16	Iowa Land Lots	1	4
1	17	Land Grants- Des Moines Iowa 1856-1861	1	4
1	18	Land Sale- Saxonburgh, PA 1847	1	3
1	19	Real Estate Listings 1858-1860	1	3
1	20	Receipts Aug-Sept 1847	1	8
1	21	Receipts Oct-Dec 1847	1	8
1	22	Receipts Jan - May 1848	1	8
1	23	Receipts Jun-Aug 1848	1	8
1	24	Receipts Sept-Dec 1848	1	8
1	25	Receipts Jan-Apr 1849	1	8
1	26	Receipts May-June 1849	1	8
1	27	Receipts July-Aug 1849	1	8
1	28	Receipts Oct-Nov 1849	1	8
1	29	Receipts 1853	1	8
1	30	Receipts Jan-Feb 1854	1	8
1	31	Receipts Mar-May 1854	1	8
1	32	Protested and withdrawn Drafts 1858	1	8
Notebooks				
Box #	Notebook #	Contents	Old Box #	
2	1	Mechanics and Manufacturing Bank of Trenton 1850-1854	14	
2	2	Mechanics and Manufacturing Bank of Trenton 1854-1857	14	
2	3	Mechanics and Manufacturing Bank of Trenton 1855-1857	14	
2	5	Mechanics and Manufacturing Bank of Trenton 1857-1860	14	
2	6	Philadelphia Bank 1851-1854	14	
2	7	Chemical National Bank	14	
2	8	First National Bank Covington, Kentucky 1857	14	
2	9	Bank of Pittsburg 1857-1859	14	
2	10	Private Cash Account 1854-1860	14	
2	11	Private Bank Book 1862-1863	14	
2	12	Financial Journal- Wages, Stocks, Wire, Bridges 1836-1866	14	
2	13	Stocks and Bonds	14	
2	14	Account Book	14	
2	15	Grocery Accounts 1867	14	
2	16	Directory, 1854-1855	14	
2	17	Directory 1853	14	
2	18	Directory 1854-1855	14	
2	19	Diary 1847	14	
2	20	Pocket Notebook 1852	14	
2	21	Water Cure 1852	14	
2	22	Water Cure 1852	14	
2	23	Iowa Lands 1855-1861	14	
2	24	Cholera Expenses 1854	14	
2		Cancelled Checks	1	7

Series I. John A. Roebling**B. General Engineering**

Box #	Folder #	Contents	Old Box #	Old Folder #
3	1	Bridge and Cable Estimate Requests 1868-1869	12	10
3	2	Carter, O. E. 1854	12	1
3	3	McCallum Bridge Company 1859	12	1
3	4	Schlater, Charles 1842	12	1
3	5	Sprague, J. W. 1856	12	1
3	6	Taylor, James Jr. 1846	12	1
3	7	Tyson, Henry 1858	12	1
3	8	U.S. Bureau of Statistics 1868	12	16
3	9	Weak, John 1855	12	1
3	10	Bishops Chemical Geology Notes	12	4
3	11	Flanches - Compression and tension	12	4
3	12	Gun improvements	12	5
3	13	Long and Short Span Preface & Introduction	12	13
3	14	Long and Short Span: Railway and Highway Bridges (manuscript)	12	13
3	15	Norristown Railroad	12	4
3	16	Notes and Sketches - unidentified	12	4
3	17	Paints and Oiling	12	4
3	18	Patent Laws and Information	12	3
3	19	Railroad Bridges with Spans <300 ft.	12	4
3	20	Railroad Car Patent notes and sketches 1860	12	3
3	21	Retorts - Designs & Notes 1859	12	3
3	22	Rolled Beams Estimate	12	10
3	23	"Scientific American" Articles 1865	12	14
3	24	Shipbuilding Notes	12	
3	25	Trussed Girders Patent Information 1860	12	5
3	26	Wire Cables for Suspension Bridges- Patent 1847	12	3
3	27	Wire Rope Proposal - Allegheny Portage Railroad 1844	4	2

Series I. John A. Roebling**C. Bridge Projects**

Box #	Folder #	Contents	Old Box #	Old Folder #
5	1	Allegheny Aqueduct 1845 (German)	10	2
5	2	Allegheny Aqueduct 1845-1846	10	1
5	3	Allegheny River Suspension Bridge- Contracts 1857	10	20
5	4	Allegheny River Suspension Bridge- Cost Estimates 1858-1859	10	19
5	5	Allegheny River Suspension Bridge-Drawings 1858-1859	10	18
5	6	Allegheny River Suspension Bridge- Notes 1858-1859	10	18
5	7	Allegheny River Suspension Bridge- Specifications 1858	10	21
5	8	Covington and Cincinnati Bridge- Correspondence 1859-1866	10	24
5	9	Covington and Cincinnati Bridge- Drawings 1 of 4	10	26, 27
5	10	Covington and Cincinnati Bridge- Drawings 2 of 4	10	26, 27
5	11	Covington and Cincinnati Bridge- Drawings 3 of 4	10	26, 27
5	12	Covington and Cincinnati Bridge- Drawings 4 of 4	10	26, 27
5	13	Covington and Cincinnati Bridge- Notes 1 of 2	10	26, 27
5	14	Covington and Cincinnati Bridge- Notes 2 of 2	10	26, 27
5	15	Covington and Cincinnati Bridge- Employment Inquiries and Notes	10	31
5	16	Covington and Cincinnati Bridge- Estimates 1857-1864	10	30
5	17	Covington and Cincinnati Bridge- Lumber Contracts 1866	10	31
5	18	Covington and Cincinnati Bridge- Specifications	10	29
5	19	Covington and Cincinnati Bridge- Reports 1846, 1859	10	34
5	20	Covington and Cincinnati Bridge- Report 1867	10	35
5	21	Covington and Cincinnati Bridge- Stocks and Bonds 1856 -1859	10	32
5	22	Covington and Cincinnati Bridge- Legislation 1863	10	36
5	23	Covington and Cincinnati Bridge-Clippings 1863-1866	10	38
5	24	Delaware and Hudson Canal Aqueduct Correspondence 1847-48	10	4
5	25	Delaware and Hudson Canal Aqueduct- Notes and Sketches	10	5
5	26	Delaware and Hudson Canal Aqueduct- Payroll 1847-1848	10	7
5	27	D & H Canal Aqueduct- Receipts of Funds 1847-1848	10	7
5	28	Delaware & Hudson Canal, Wheeling Bridge Notebook	10	6
5	29	Monongahela Bridge Notes and sketches 1846-1847	10	3
5	30	Niagara Railway Suspension Bridge- Correspondence 1847, 1859	10	9
5	31	Niagara Railway Suspension Bridge- Specifications 1847	10	13
5	32	Niagara Railway Suspension Bridge- Broadsides 1847	10	16
5	33	Niagara Railway Suspension Bridge- Notes and Sketches	10	10
5	34	Niagara Railway Suspension Bridge- Condition Report 1860	10	11
Box #	Notebook #		Old Box #	
4	92	Covington & Cincinnati Bridge	16	
4	93	Covington & Cincinnati Bridge	16	
4	94	Covington & Cincinnati Bridge	16	
4	95	Covington & Cincinnati Bridge	16	
4	96	Covington & Cincinnati Bridge	16	
4	97	Covington & Cincinnati Bridge	16	
4	98	Covington & Cincinnati Bridge	16	
4	99	Covington & Cincinnati Bridge	16	
4	100	Covington & Cincinnati Bridge	16	
4	101	Covington & Cincinnati Bridge	16	
4	102	Covington & Cincinnati Bridge	16	
4	103	Covington & Cincinnati Bridge	16	
4	104	Covington & Cincinnati Bridge	16	
4	105	Covington & Cincinnati Bridge	16	
4	106	Covington & Cincinnati Bridge	16	
4	107	Delaware and Hudson Aqueduct Cash Book	16	
4	140	Notes on Wire. 1850	17	
4	141	Wire Rope experiments	17	
4	142	July 1852 Notes	17	
4	143	Notes-Colleries, Rope Haulage, etc.	17	
4	144	Tests of Steel and Iron Wire. Dec. 1868	17	
4	145	Notes - Stiffening of Cables, etc.	17	
4	149	Remarks Made on Tour East in 1846	17	
4	150	Notes c. 1855	17	
4	151	Ledger. 1853. Kentucky Bridge. Niagara. 1856. Cov. & Cin. Br.	17	

Series I. John A. Roebling**C. Bridge Projects**

Box #	Notebook #		Old Box #
7	109	Niagara Bridge Estimates 1847	16
7	110	Niagara Bridge Footbridge 1848	16
7	111	Niagara Bridge Wire 1852	16
7	112	Niagara Bridge Iron 1852	16
7	113	Niagara Bridge Cables 1852	16
7	114	Niagara Bridge Bolts 1853	16
7	115	Niagara Bridge Timber, Iron, Bolts 1852-1854	16
7	116	Victoria Bridge Estimates 1855	16
7	117	Wheeling Bridge 1847	16
7	118	Wheeling Brige Masonry	16
7	119	Wire Rope 1856	17
7	120	Notes on suspension bridges 1846-1855	17
7	121	Notes on Niagara Bridge, 1850	17
7	122	Notes on Various Bridges 1851	17
7	123	Wrought & Cost 1858	17
7	124	February 1853	17
7	125	July 1853	17
7	126	August-October 1853	17
7	127	Daily Notes- updated 1850's	17
7	128	Cincinnati Bridge Stone Quarry	17
7	129	Notes 1856	17
7	130	Notes on Allegheny Bridge, Girard Ave Bridge, & Morris Canal	17
7	131	Notes on suspension bridges 1869	17
7	132	Notes on Various Bridge & cable making 1860-1866	17
7	133	Directory- Cov. & Cin. Bridge 1864	17
7	134	Cov. & Cin. Susp. Br. 1865.	17
7	136	Notes- Brooklyn Bridge, Milford Bridge [W.A.R. notes]	17
8	146	Naturlehre, Chemie Und Mineralogie 1824	17
8	147	Allgemeine Baulehre - I - Materialien, II Constructionen. 1824	17
8	148	Tables of Excavation and Embankment. 1837	17
9	135	Notes - Cincinnati Bridge. Niagara Bridge. 1865-1867	17
9	137	Memos and Letters Out - Brooklyn Bridge, Niagara Bridge 1877-78	17
9	138	Memos and Letters Out - Brooklyn Bridge, Niagara Bridge 1877-78	17
9	139	Design for a Suspension Aqueduct - Washington A. Roebling	17

Series I. John A. Roebling**D. Bridge Proposals**

Box #	Folder #	Contents	Old Box #	Old Folder #
6	1	Bonner's Bridge - Proposal 1860	11	16, 17
6	2	Bushkill Suspension Bridge - Proposal 1869	11	35, 36
6	3	Dixon Bridge- Estimate 1868	11	26
6	4	Ellicott City Bridge	11	27, 28
6	5	Franklin County Road Bridge 1868	11	29
6	6	Harlem River Bridge n.d.	11	
6	7	Hudson River Railroad Bridge at Albany - Proposal 1855-1856	11	13
6	8	Hudson River Railroad Bridge at Albany - Correspondence	11	12
6	9	Kentucky River Bridge Drawings 1853-1855	11	5, 6
6	10	Kentucky River Bridge Estimates 1852, 1855	D5	14
6	11	Lewiston and Queenston Bridge Proposal 1851	11	4
6	12	Louisville Bridge- Drawings and Notes 1860	11	15
6	13	Market Street Bridge (Philadelphia)	D5	10
6	14	Martinsburg Bridge - Wire Rope 1869	11	42
6	15	Milford Highway Bridge Proposal 1855	11	11
6	16	Mineral Point Foot Bridge - Wire Rope Estimate 1868	11	30
6	17	Missouri River Bridge at Omaha 1866	11	20
6	18	New Creek Bridge- Proposal 1868	11	31, 32
6	19	New Holland Footbridge- Estimate 1869	11	46
6	20	New York State Canal Specifications 1851, 1854	10	8
6	21	Niagara Ship Canal- Inclined Plane 1866	11	18, 19
6	22	Quebec Bridge- Drawing n.d.	11	10
6	23	Quebec Bridge- Serrill's plan 1851	11	10
6	24	Rock Island Bridge Proposal 1868	11	23, 24
6	25	Rocky River footbridge - Proposal 1868	11	24
6	26	Schuylkill River Bridge- Specifications 1851	11, D5	3, 12
6	27	St. Lawrence River Bridge (Montreal)	D5	4
6	28	St. Louis Bridge Proposal 1867-1868	11	21, 22
6	29	Steubenville Railroad Bridge 1854-1855	11	7, 8, 9
6	30	Stoney Creek Bridge - Proposal 1868	11	25
6	31	Timber Bridges 1859	12	4
6	32	Wheeling Bridge Project 1847	11	1, 2

Series II. Washington A. Roebling**A. Personal Miscellany**

Box #	Folder #	Contents	Old Box #	Old Folder #
10	1	Correspondence re: Civil war 1865-1868, 1910	12	3
10	2	Correspondence 1865-97, 1925	12	2
10	3	Lauren, T. R. (RPI professor) re: lithograph gift	12	2
10	4	Letter to New York Times re: Emily's contributions to the Brooklyn Br.	12	2
10	5	Lindenthal, Gustav re: enlarging the Brooklyn Bridge 1923	12	
10	6	Ricketts, Palmer C. re: Rensselaer Polytechnic Institute 1899-1924	n/a	n/a
10	7	Roebling, John A. 1861	12	
10	8	Biographical Data - Washington A. Roebling	2	1
10	9	Clippings- Bridge Articles 1908-1925	12	15
10	10	Clippings- Engineering Topics 1865-1923	12	15
10	11	Columbia Heights House Mortgage & Bonds 1863-1866	2	3
10	12	Duty Rolls- Harpers Ferry, VA 1862-1863	12	3
10	13	Gun Sling Design 1890	12	6
10	14	Grammar Book (G.P. Quackenbos) 1877	3	6
10	15	Inventory of Notes (money owed) to W. A. Roebling	2	4
10	16	L'Hotel de la Marquise de Paiva n.d.	3	6
10	17	List of Persons... Pittsburgh, PA Notebook #26	15	
10	18	Miscellaneous	2	7
10	19	Misc. Bridge Notes	12	10
10	20	Notes - Notebook #27	15	
10	21	Notes on Artillery Notebook #25	15	
10	22	Notes on trip to Jersey City, Newburgh and Middletown	12	7
10	23	Specifications for Trenton Mansion	Drawer 1	3
10	24	Trenton "Faithful Service" Dinner- 1924	2	6
10	25	Vitrite and Luminoid - 1889-1890	2	5
10	26	Vitrite and Luminoid - Correspondence 1887-1890	2	5
10	27	Vitrite and Luminoid - financial records 1887-1890	2	5
10	28	Washington Traction Company Correspondence 1901	2	2

Publications

Box #	Folder #	Contents	Old Box #	Old Folder #
11	1	Britains part in the War - Sir Edward Cook, 1916	3	4
11	2	British war documents, 1915	3	4, 5
11	3	British War Documents, 1916 1 of 4	3	4, 5
11	4	British War Documents, 1916 2 of 4	3	4, 5
11	5	British War Documents, 1916 3 of 4	3	4, 5
11	6	British War Documents, 1916 4 of 4	3	4, 5
11	7	British War Documents, 1917	3	4, 5
11	8	British War Documents, 1918	3	4, 5
11	9	Club Life November, 1896	3	6
11	10	Dedication of the Trenton Battle Monument, 1893	3	6
11	11	Dedication of the Trenton Battle Monument, 1893	3	6
11	12	"Diedrich's Improved Suspension Truss Bridge" 1872		
11	13	The Exchangers Monthly June 1889	13	3
11	14	The Federal Constitution, 1862	3	6
11	15	"The Future of India"- address by S.P. Sinh, 1915	3	6
11	16	"The Gathering of Clans"- J. Saxon Mills	3	6
11	17	"The Heavy Gun Question" ASCE Transactions 1884	13	2
11	18	"The Military Necessities of the United States" Capt. Otho E. Michaelis, 1884	3	6
11	19	Newman Bronze Tablets Catalog	3	6
11	20	"The Second Vaux-Academy Mineralogical Expedition" to Greenland 1923	13	3
11	21	"Stripping Ore Deposits" American Institute of Mining Engineers n.d.	13	3
11	22	"Wire Rope and Safety in Hoisting at Butte Mines" 1922		

Series II. Washington A. Roebling**A. Personal Miscellany**

Maps

Box #	Folder #	Contents	Old Box #	Old Folder #
12		Map of Bournemouth England	3	2
12		Map of Eastern France	3	2
12		Map of Macedonia	3	2
10	28	Map of Newfoundland, Canada	3	1
12		Map of New York, 1880	3	1
12		Map of North Eastern France	3	2
12		Map of Northern France & Belgium	3	2
12		Map of Norway	3	2
12		Map of Paris	3	2
12		Map of Pennsylvania 1869	3	1
12		Map of Richmond VA, 1901	3	1
12		Map of Switzerland (in French) 1873	3	2
12		Map of Taunus	3	1
12		Map of Verdun	3	2
12		War Maps - Battle Front East of Soissons	3	3
12		War Map No. 22 1916	3	3
12		War Map of the British Front No. 11 (2 copies)	3	3

Series II. Washington A. Roebling**B. General Engineering**

Box #	Folder #	Contents	Old Box #	Old Folder #
13	1	Construction of Military Suspension Bridge 1862	12	12
13	2	"The Hanging Bridge from the Oldest to Most Recent Time"	12	16
13	3	Horse Power of Steam Engines	12	16
13	4	Instructions for Transport and Erection 1862	12	12
13	5	Losses on Suspension Bridge Estimates	12	11
13	6	Notes on Suspension Bridges 1863 (#108)	16	
13	7	Printed Bridge Topics 1862-1895	12	
13	8	Specifications for Making Strands of Suspension Bridge Cables on Land	12	7

Series II. Washington A. Roebling**C. Bridge Proposals**

Box #	Folder #	Contents	Old Box #	Old Folder #
14	1	Allegheny River Suspension Bridge History	10	22
14	2	Allegheny Suspension Bridge Co. 1872, 1889	10	17
14	3	Camp Nelson Bridge 1863	12	
14	4	Coal Bridge for H. Z. Atwill Estimate	11	
14	5	Colorado River Bridge at Austin, Tx Estimate 1871	11	67, 68
14	6	Covington & Cincinnati Bridge Clippings 1897-1920	10	38
14	7	Covington & Cincinnati Bridge Company 1890-1898	10	24, 37
14	8	Covington & Cincinnati Bridge History	10	33
14	9	Cumberland Bridge 1870	11	52
14	10	Cuyahoga Bridge Estimate 1870	11	
14	11	Dayton Bridge Estimates 1872	11	76
14	12	Deerfield Bridge 1870	11	57, 58
14	13	Easten Railroad Bridge Estimate 1870	11	
14	14	Footbridge at Eakin, PA Estimate 1872	11	74
14	15	Footbridge at Oregon City, OR Estimate	11	
14	16	Footbridge at Pittsburgh Estimate 1872	11	71
14	17	Footbridge at Waukegan, IL - estimate 1873	11	77
14	18	Franklin Bridge- Estimate 1870	11	53
14	19	Hancock Bridge- Proposal 1869	11	37, 38
14	20	Highway Bridge at Springfield- Estimate 1871	11	66
14	21	Hollidaysburg Bridge Estimate 1871	11	60
14	22	Hudson River Bridge	11	86, 88
14	23	Hudson River Bridge Articles 1920-1923	11	89, 91
14	24	Hudson River Bridge North River Bridge Co. 1890, 1923	11	85
14	25	Hudson River Bridge Notes 1923	11	86
14	26	Hudson River Bridge Organization Committee 1920-1924	11	85, 87, 90
14	27	Kentucky River Bridge Article 1898	11	6
14	28	Lordsville Bridge- Wire Rope Estimates 1869	11	39
14	29	Lowellville Suspension Brige 1869	11	40, 41
14	30	Matanzas Suspension Bridge Proposal 1870	11	54, 55
14	31	Memorial Bridge Committee 1914	11	84
14	32	Milford Bridge Proposal 1869	11	43, 44
14	33	Military Bridge at Royal, Virginia	D5	1
14	34	Mill Footbridge 1871	11	65
14	35	Mount Upton Bridge Estimate 1869	11	45
14	36	New Brighton Bridge Estimate 1872	11	75
14	37	Niagara Railway Suspension Bridge - Condition Reports 1871	10	11
14	38	Niagara Railway Suspension Bridge - Correspondence 1871, 1876	10	9
14	39	Niagara Railway Suspension Bridge - History	10	15
14	40	Niagara Railway Suspension Bridge - Legal Agreements	10	14
14	41	Niagara Railway Suspension Bridge - Specifications 1879	10	13
14	42	Owosso Footbridge Notes 1871	11	69
14	43	Philadelphia - Camden Bridge 1914	11	80
14	44	Pond Eddy Bridge Estimate 1869	11	47
14	45	Port Jervis Replacement Bridge 1872	11	72
14	46	Potomac Bridge at Georgetown Inquiry 1869	11	47
14	47	Riverview Park Bridge Estimate	11	
14	48	Rome Footbridge Estimate	11	56
14	49	St. Louis- East St. Louis Bridge Consultation 1896	11	79
14	50	St. Paul Bridge Proposal 1869	11	49, 50
14	51	Tripartite Bridge 1871-1872	11	61 - 64
14	52	Union Bridge Estimate 1869	11	48
14	53	Waverly Suspension Bridge 1869	11	51
14	54	Wheeling Creek Bridge Estimate 1872	11	70
14	55	White Water River Bridge Estimate and Drawings 1872	11	73
14	56	Windsor Locks Bridge repair - 1887	11	78

Series III. Brooklyn Bridge**A. Correspondence**

Box #	Folder #	Contents	Old Box #	Old Folder #
15	1	Correspondence 1868-1869	5	1
15	2	Correspondence 1870-1871	5	2
15	3	Correspondence 1872-1873	5	2
15	4	Correspondence 1878-1883	5	2
15	5	Correspondence re: buckling of cords 1898-1901	5	3
15	6	Correspondence re: elevated railroad 1885, 1894	5	3
15	7	Correspondence re: electric surface cars 1896-1897	5	3
15	8	Correspondence re: slipping of cables 1922	5	3
15	9	Employment Inquiries 1869-1871	5	
15	10	Collingwood, F. to C. C. Martin 1877	5	3
15	11	Roebing, John A. letters re: navigation under proposed East River Bridge	5	1
15	12	Roebing, John A. letters to W. A. Roebing re: European trip	5	1
15	13	Roebing, W. A. letters detailing European trip 1867-1868	5	4
15	14	Roebing, W. A. letters detailing European trip 1867-1868	5	4
15	15	Roebing, W. A. letters to Henry C. Murphy 1876-1882	5	3
15	16	Roebing, W. A. Letter to H. W. Slocum 1877	5	3
15	17	Roebing, W. A. letter to Charles Swan 1867-1869	12	7
15	18	Roebing, W. A. memo to Mr. Cullen 187_	5	3
15	19	Roebing, W. A. letter drafts	5	3
15	20	Roebing, Washington A. letters received during European trip 1867-1868	5	4

Series III. Brooklyn Bridge**B. Research Notes**

Box #	Folder #	Contents	Old Box #	Old Folder #
15	21	Notes on European Bridges 1 of 3	5	4
15	22	Notes on European Bridges 2 of 3	5	4
15	23	Notes on European Bridges 3 of 3	5, 12	4, 10
15	24	Dunleith and Dubuque Bridge Specifications	5	4
15	25	Blackfrairs Bridge Specifications 1864	5	4
15	26	Notes on Making Concrete - New York State Capital 1869	5	6
15	27	Notes on seasoning timber	5	6
15	28	Pneumatic caisson designs in other projects	5	7
15	29	Atlantic Telegraph Company Cables 1858	5	6
15	30	Otto and Langin Air Compressor 1868	5	6
15	31	Siemen's Regenerative Gas Furnace 1867	5	6

Series III. Brooklyn Bridge**C. Notes and Designs**

Box #	Folder #	Contents	Old Box #	Old Folder #
16	1	Air compressors and Aparatus - Notes	5	3
16	2	Approaches East River Bridge	5	9
16	3	Bids for Iron & Caisson Work 1869-1870	8	9
16	4	Blackwell's Island Proposal 1856-1857	11, D5	14, 19
16	5	Brakes for Inclined Railway Cars	6	8
16	6	Cable Adjustments 1872	6	6
16	7	Cable - Footbridge Ropes	6	6
16	8	Cables - Notes on Manufacture and Design	6	6
16	9	Cables - Table of Factors of Tension	6	6
16	10	Cable/Wire Rope - Notes	6	6
16	11	Caissons and Air Shaft - Notes	6	1
16	12	Calculations of Pressure - Brooklyn Caisson	6	1
16	13	Calculations of Weights, Bouancy, Displacements- NY Caisson 1871	6	1
16	14	East River Bridge	6	
16	15	Engineers and Assigned Work on the Bridge 1883	8	13
16	16	Estimates of Contents of Masonry of Towers 1868	6	8
16	17	Estimates for costs to complete the bridge 1869-1882	6,8	8,10
16	18	Estimates of Work and Materials by Contractors	8	10
16	19	Estimates of Material on Hand 1873	8	10
16	20	Estimates of total cost - East River Bridge	8	10
16	21	Footbridge Cradle Cables 1874	6	6
16	22	Footbridge Model - notes 1873	6	6
16	23	Footbridge Notes 1872	6	6
16	24	Foundations and Caissons- Notes and Sketches 1 of 4	5	9
16	25	Foundations and Caissons- Notes and Sketches 2 of 4	5	9
16	26	Foundations and Caissons- Notes and Sketches 3 of 4	5	9
16	27	Foundations and Caissons- Notes and Sketches 4 of 4	5	9
16	28	Foundations East River Bridge Park Line	6	1
16	29	Foundation of New York Tower- Arrangements for Laying Stone	6	1
16	30	Foundations - Notes	6	1
16	31	Grades, Distance & Elevation adjustments 1871-1872		
16	32	Grades, Towers and Anchorage- notes 1871		
16	33	Grapnell Notes and Sketches 1869		

17	1	Hoisting Machines	5, 12	5, 7
17	2	Iron Anchor links - Notes and Sketches	6	5
17	3	Iron & Steel and Testing Machines 1873	6	5
17	4	Iron Telegraph Wire Specifications	6	5
17	5	Launching Caissons 1869-1870	6	1
17	6	Lawsuit settlement - James B. Eads v. New York Bridge Company 1876	8	11
17	7	Lawsuit statements - James B. Eads v. New York Bridge company 1871-72	8	11
17	8	Legislation and Court Decisions	8	11
17	9	Masonry for Towers	6	4
17	10	Misc. Notes	6	4
17	11	Navigation under Bridge - Notes and Sketches	6	4
17	12	Notes on Testing	6	7
17	13	Notes and Sketches	6	8
17	14	Patent Inquiry - Apparatus for Excavating, Sinking and Mining, 1830	6	2
17	15	Patent Inquiry - Building and Working Under Water, 1841	6	2
17	16	Patent Inquiry - Method of Building or Forming Structures Under Water 1853	6	2
17	17	Patent Inquiry - Improved Machine for Sinking Hollow Piles 1866	6	2
17	18	Patent Inquiry- apparatus to remove rocks and wrecks 1868	6	2
17	19	Patent Inquiry - Sinking Pneumatic Piles 1870	6	2
17	20	Patent Inquiry - Henry Gifford's Injector	6	2
17	21	Patent Inquiry - Improvement in Dumb-waiters for Caissons 1870	6	2
17	22	Patent Inquiry - Device for Connecting Cars with Moving Ropes 1876	12	9
17	23	Patent Inquiry - Rope Driving Machinery Patent 1883	12	
17	24	Patent Inquiry - Combination Cable-Grip 1884	6	2
17	25	Patent Inquiry - James B. Eads Patents	6	2
17	26	Points to be discussed with Mr. Allen 1869	6	
17	27	Preservation of Caisson Against Worms	6	
17	28	Railroad cars and tracks - Notes 1869	6	8
17	29	Span Adjustments 1872	6	8
17	30	Summary of Estimates of East River Bridge 1868	6	8
17	31	Superstructure Estimates	6	8
17	32	Superstructure / Park Line 1868	6	8
17	33	Table of Quantities East River Bridge	6	8
17	34	Tests of Bessemer Steel Wire	6	7
17	35	Table of Chrome Steel Wire	6	7
17	36	Tests of Steel and Iron Manufacturers 1877	6	7
17	37	Truss - Notes	6	7
17	38	Weight Calculations		
22	82	Memoranda & Letter Copies 1875-1876	16	
22	83	Memoranda & Letter Copies 1882-1883	16	
22	84	Notes & Sketches - W.A.R. European Trip 1867-1868	16	
22	85	East River Bridge - W.A.R. 1869	16	
22	86	Notes & Memoranda 1871-1872	16	
22	87	Notes 1872	16	
22	88	Notes 1880	16	
22	89	General Remarks on the Erection of the Superstructure	16	
22	90	Report by A.V. Abbott Vol. 1 1881	16	
22	91	Report by A.V. Abbott Vol. 2 1881	16	

Series III. Brooklyn Bridge**D. Specifications**

Box #	Folder #	Contents	Old Box #	Old Folder #
18	1	Proposal forms	7	4
18	2	Specifications of Masonry (original) 1869	7	1
18	3	Specifications of Masonry (W.A.R. copy) 1869	7	1
18	4	Specifications - Air Compressing Machinery	7	2
18	5	Specifications - Air locks	7	2
18	6	Specifications- Building & launching Wooden Caisson, NY Tower 1871	7	4
18	7	Specifications - Excavating (Airchamber)	7	2
18	8	Specifications - Caisson/New York Foundation, 1870	7	2
18	9	Specifications - Iron Work/ New York Caisson	7	2
18	10	Specifications of Iron Work 1870	7	4
18	11	Specifications - Dredging and Sheet Piling	7	2
18	12	Specifications - Excavating Machinery	7	2
18	13	Specifications - General Statement of Work	7	3
18	14	Specifications - Masonry of Towers Below Water Line- Brooklyn Tower	7	1
18	15	Specifications - 1st Offset Course & 2nd Vertical Section, 1871	7	1
18	16	Specifications - 1st Vertical Section of Masonry, Brooklyn Tower 1871	7	1
18	17	Specifications for Granite Facestone, Brooklyn Tower 1871	7	1
18	18	Specifications of Masonry of the Two Towers, 1871	7	1
18	19	Specifications- Granite Facestone 1871	7	4
18	20	Specifications - Anchorage	7	3
18	21	Specifications - Cut Stone Above Roadway- Brooklyn Tower	7	1
18	22	Specifications- Iron Anchor Bars/Plates 1872-1875	7	5
18	23	Specifications - Cut Limestone or Granite Facestone, Brooklyn Anchorage	7	1
18	24	Specifications- Facestones, Limestone, Granite 1873	7	6
18	25	Specifications- Granite Facestone and Arch 1873-75	7	6
19	1	Specifications- Saddle and Saddle Plates 1874	7	7
19	2	Specifications- Timber for New York Anchorage	7	8
19	3	Specifications- Granite Cut Stone for Parapets 1876	7	9
19	4	Specifications - Wire Ropes 1876	7	3
19	5	Specifications - Wire rope sockets	7	3
19	6	Specifications for Steel Wire and Wire Rope 1876-1877	7	9
19	7	Table of Factors of Tension- foot bridge items 1876	7	9
19	8	Specifications- Granite and other Stone 1877	7	10
19	9	Specifications - Iron Work - Superstructure, 1878	7	11
19	10	Specifications - Timber for Floor of Bridge, 1878	7	11
19	11	Specifications & Contract- Steel and Iron Work 1879	7	12
19	12	Specifications - Bridge Across Franklin Square 1880	7	13
19	13	Specifications - Steel suspenders, connecting rods, stirrups and pins 1880	7	13
19	14	Specifications - Superstructure of Street Bridges 1880	7	13
19	15	Specifications - Wire rope for Stays & Storm Cables 1880	7	13
19	16	Collingwood's Plan for Foot & Car Passenger Entrance 1881	7	14
19	17	Specifications - Steel Work to Complete Bridge	7	14
19	18	Specifications - Design and Construction of Passenger Cars 1882	7	15
19	19	Specifications - Rope Driving Machinery 1882	7	15
19	20	Specifications - Station Building 1882	7	15

Series III. Brooklyn Bridge**E. Reports**

Box #	Folder #	Contents	Old Box #	Old Folder #
20	1	Report of the Chief Engineer 1867	8	1
20	2	Report of John A. Roebling to the New York Bridge Co. 1867	9	6
20	3	Meeting Minutes- Board of Consulting Engineers 1869	9	6
20	4	Report of the Board of Consulting Engineers 1869	9	5
20	5	Reports of the Chief Engineer 1870-1878	9	6
20	6	First Annual Report of the Chief Engineer Draft 1870	8	2
20	7	First Annual Report of the Chief Engineer 1870	9	6
20	8	Second Annual Report of the Chief Engineer- Drafts 1871	8	2
20	9	Third Annual Report of the Chief Engineer, 1872	8	2
20	10	Report on the Executive Cmte, Chief Engineer and General Superintendent	9	7
20	11	Reports of the Executive Committee and Treasurer 1872	9	7
20	12	Pneumatic Tower Foundation of the East River Bridge 1873	9	6
20	13	Reports of the General Superintendent and Treasurer 1873	9	7
20	14	Report of the Officers of the N.Y. Bridge Co. 1875	9	4
20	15	Report on the Brooklyn Tower 1875	8	3
20	16	Report on the New York Tower 1875-1876	8	3
20	17	Report on the Progress of the Bridge 1875-1876	8	3
20	18	Annual Report of the Chief Engineer 1876	9	6
20	19	Bridge Accounts & Payroll 1876	8	3
20	20	Inventory of Machinery	8	3
20	21	Inventory of Materials and Tools 1876	8	3
20	22	Remarks Concerning the Approaches 1876	8	3
20	23	Stone Accounts 1875-1876	8	3
20	24	Summary of Cement, Sand & Gravel 1876	8	3
20	25	Report on Cable Making to the Chief Engineer 1876	8	3
20	26	Report on the Brooklyn Anchorage 1876	8	3
20	27	Report on the New York Anchorage 1876	8	3
20	28	Report on the New York Tower 1876	8	3
21	1	Report of the Chief Engineer- Draft 1877	8	3
21	2	Report of the Chief Engineer 1877	9	6
21	3	Reports of the Trustees of the N.Y. & Brooklyn Bridge 1877-1882	9	4
21	4	Report to the Board of Trustees 1878	9	6
21	5	Report on Extension of Railroad Tracks 1881	9	6
21	6	Enlargements of the Traffic Facilities of the Brooklyn Bridge - C.C. Martin	9	6
21	7	Enlargements of the Traffic Facilities of the Brooklyn Bridge - Wellington	9	6
21	8	Plans for increased Passenger service 1887	9	6
21	9	Report of the Board of Experts- Enlargement of Traffic Facilities 1888	9	5
21	10	Report of the Trustees of the N.Y. & Brooklyn Bridge 1889, 1890	9	4
21	11	The Traffic Capacity of New York and Brooklyn Railway 1889	9	6
21	12	Report of the Board of Experts- Committee on Terminal Facilities, 1891	9	5
21	13	Report of the Board of Experts- Improved Traffic Facilities 1891	9	5
21	14	Report on Plan for Railway Cars 1896	9	5
21	15	"Some Additional Remarks on the Brooklyn Bridge" W.A. Roebling	9	5

Series III. Brooklyn Bridge**F. Bridge Opening**

Box #	Folder #	Contents	Old Box #	Old Folder #
21	16	Harper's Weekly feature on the Brooklyn Bridge 1883	8	14
21	17	Invitation & Program for Bridge Opening 1883	8	14
21	18	Invitation List - Bridge Opening Reception 1883	8	14
21	19	News clippings re: building & opening of the bridge	9	1
21	20	Safety Warnings - Bridge Opening 1883	8	14

Series IV. John A. Roebling's Sons Company**A. General**

Box #	Folder #	Contents	Old Box #	Old Folder #
23	1	Correspondence 1870-1872	4	1
23	2	Correspondence 1896, 1922	4	1
23	3	"Cable Making for the New East River Bridge"	4	7
23	4	Financial Records 1874-1888	4	3
23	5	Financial Statements 1919-1920	4	3
23	6	Lang Lay Mahony Plane Rope - Notes	4	2
23	7	A. Leschen & Sons Rope Company Report 1924	4	1
23	8	Manhattan Bridge - Clippings	4	8
23	9	Notes & Estimates	4	2
23	10	JARSCO vs. The City of New York 1905	4	7
23	11	JARSCO Advertisements	4	20,21
23	12	Power Transmission by Wire Rope - Patent Research	4	16
23	13	Power Transmission by Wire Rope - Correspondence 1870-1874	4	9
23	14	Roebing Fire Proof Floor Construction	4	11
23	15	Roebing Plant - Clippings	4	18
23	16	Rope Haulage 1868-1895	4	14,15
23	17	Rope Laying Machine No. 2 Notes	Drawer 1	14
23	18	Rope Machinery Designs	4	10
23	19	Williamsburg Bridge - Cable Designs	4	5
23	20	Williamsburg Bridge - Clippings	4	6
23	21	Williamsburg Bridge - Correspondence	4	4
23	22	Williamsburg Bridge - Notes	4	5
23	23	Wire Rope Tables		

Series IV. John A. Roebling's Sons Company**B. Publications**

Box #	Folder #	Contents	Old Box #	Old Folder #
23	24	"Blue Center" (JARSCO newsletter) 1926	4	20, 21
23	25	"Description of a New Method of Transmitting Power by Means of Wire Ropes"	4	19
23	26	"Description of a New Method of Transmitting Power by Means of Wire Ropes"	4	19
23	27	"The Footbridge for Building the Cables of the New East River Bridge"	4	7
23	28	Hodgson's System of Wire-Rope Transport 1870	4	17
23	29	Roebing System of Fire-Proof Construction	4	20, 21
23	30	"The Roebing Story"	4	20, 21
23	31	"Roebing Wire Rope"	4	20, 21
23	32	"Wire Engineering"	4	20, 21
23	33	Wire Rope Making - articles by W .A. Roebing	4	19
23	34	"The Wire Rope at Panama"	4	20, 21
23	35	"Wire Roping the German Submarine"	4	20, 21

Series IV. John A. Roebling's Sons Company**C. Notebooks**

Box #	Notebook #		Old Box #
24	28	Notes & Monies Due 1852-1854	14
24	29	Delaware & Hudson Canal Co. Account	14
24	31	Ropes 1855	14
24	32	Calculations of Ropes 1857	14
24	33	Ropes 1859	14
24	34	Calculations of Ropes 1859	14
24	35	Ropes 1860	14
24	36	Calculations of Ropes 1861	14
24	38	Wire Rope Orders 1840	14
24	39	Wire Ropes Orders	14
24	40	Wire Ropes Orders	14
24	41	Wire Rope Orders/Cincinnati Bridge 1865-1866	14
24	43	Telegraph Copy Book 1872	15
24	44	Time Book 1856	15
24	45	Time Book 1857-1858	15
24	46	Time Book 1858-1860	15
24	47	Time Book 1860-1861	15
24	48	Time Book 1861	15
25	30	Rope Sales Records 1862-1865	15
25	37	Calculations of Ropes 1863	15
25	42	Letter Copy Book 1850-1857	15
25	49	Time Book 1866	15
25	57	Wire Drawing 1862-1863	15
25	78	Allegheny Bridge 1857	15
26	50	Wire Drawing 1855	15
26	51	Rope Drawing 1856	15
26	52	Wire Drawing 1857	15
26	53	Wire Drawing 1858-1859	15
26	54	Wire Drawing 1859-1860	15
26	55	Wire Drawing 1860-1861	15
26	56	Wire Drawing 1861-1862	15
26	58	Wire Rope	15
26	59	Boilers	15
26	60	Allegheny Pier 2	15
26	61	Allegheny Pier	15
26	62	Centre Pier 1	15
26	63	Centre Pier 1	15
26	64	Centre Pier 2	15
26	65	Centre Pier 2	15
26	66	Pittsburgh Pier 1	15
26	67	Allegheny Suspension Bridge	15
26	68	Pittsburgh Pier 1	15
26	69	Pittsburgh Pier 2	15
26	70	Pier Masonry	15
26	71	Foundation Notes	15
26	72	Estimates of Stone	15
26	73	Cables - Allegheny Bridge 1859	15
26	74	Allegheny Bridge (W.A. Roebling) 1859	15
26	75	Allegheny Bridge	15
26	76	Allegheny Bridge	15
26	77	Allegheny Bridge	15
26	79	Measurements, Notes, Estimates	15
26	80	Allegheny Suspension Bridge	15
26	81	Allegheny Suspension Bridge 1858	15

Series V. Emily Warren Roebling

Box #	Folder #	Contents	Old Box #	Old Folder #
27	n/a	Brooklyn Bridge Scrapbook 1857, 1876-1878	19	
28	n/a	Brooklyn Bridge Scrapbook 1878-1883	19	
29	n/a	Theatre & Opera Scrapbook 1880-1884	19	
30	1	Brooklyn Bridge Scrapbook, 1857, 1876-1878	2	8
30	2	Brooklyn Bridge Scrapbook, 1857, 1876-1878	2	9
30	3	Brooklyn Bridge Scrapbook 1876-1878 (2 of 8)	2	9
30	4	Brooklyn Bridge Scrapbook 1876-1878 (3 of 8)	2	9
30	5	Brooklyn Bridge Scrapbook 1876-1878 (4 of 8)	2	9
30	6	Brooklyn Bridge Scrapbook 1876-1878 (5 of 8)	2	9
30	7	Brooklyn Bridge Scrapbook 1876-1878 (6 of 8)	2	9
30	8	Brooklyn Bridge Scrapbook 1876-1878 (7 of 8)	2	9
30	9	Brooklyn Bridge Scrapbook 1876-1878 (8 of 8)	2	9
30	10	French Plays - Le Theatre Contemporain 1865		
30	11	Loose newsclippings re: Brooklyn Bridge 1857-1898		
30	12	Loose scrapbook pages re: Brooklyn Bridge 1857-1883		
30	13	Roebling RPI Reception newsclipping 1887		

Series VI. Charles G. Roebling

Box #	Folder #	Contents	Old Box #	Old Folder #
31	1	Clippings, 1860's	2	14
31	2	Miscellaneous	2	16
31	3	Obituary 1918	2	12

Series VIII. Images**A. Roebling Family**

Box #	Folder #	Contents	Old Box #	Old Folder #
32	1	Columbia Heights Residence	18	3
32	2	Holy Assumption Church & Rectory, Roebling, NJ	18	3
32	3	Methfessel Family Members	18	4
32	4	Paulding, Gouverneur	18	4
32	5	Roebling, Charles G.	18	3
32	6	Roebling, Elvira	18	3
32	7	Roebling, Emily Warren	18	3
32	8	Roebling, Helen Rice	18	3
32	9	Roebling, John Augustus	18	3
32	10	Roebling, John A. II	18	3
32	11	Roebling, Washington A.	18	3
32	12	Warren, General G. K.	18	3
32	13	Warren, Robert	18	3
32	14	Unidentified	18	4

Series VIII. Images**B. Bridges**

Box #	Folder #	Contents	Old Box #	Old Folder #
33	1	Allegheny Suspension Bridge	18	7
33	2	Cincinnati-Covington Bridge	18	7
33	3	Delaware & Hudson Canal Aqueducts	n/a	n/a
33	4	Feather Bridge at Bidwell Bar, CA	18	8
33	5	Genesee Suspension Bridge (Kauffmann & Bissell) - engraving	18	
33	6	Monongahela Bridge	18	8
33	7	Niagara Railroad Suspension Bridge (Buck)	18	8
33	8	Niagara Suspension Bridge	18	7
33	9	North Elbe Bridge at Hamburg c. 1884	18	
33	10	Rheinbincke bei Coln	18	8
33	11	St. Charles, MO - Tower construction	18	8
33	12	Tower Bridge - London	18	8
33	13	Warehouse Point Abutment Repair (W.A.Roebling)	18	7

Series VIII. Images**C. Brooklyn Bridge**

33	14	Full Bridge span views from both sides - Irving Underhill	18	6
33	15	Views from the top of the Brooklyn tower - Brown Brothers	18	6
33	16	Miscellaneous photographs - postcards, stereographs	18	6
33	17	Photo reprints of illustrations from the collection	18	6
33	18	Photo reprints and enlargements of originals from the collection	18	6
33	19	70th Anniversary Ceremony	18	6

Series VIII. Images**D. John A. Roebling's Sons Co.**

Box #	Folder #	Contents	Old Box #	Old Folder #
33	20	John A. Roebling's Sons Co.	18	5
33	21	JARSCO Parade Floats	18	5
33	22	JARSCO Wire Cable & Machinery	18	5
33	23	Mooney, S.V. (manager, JARSCO)	18	5
33	24	Roebling, N.J. postcards	18	5
33	25	Unveiling Ceremony - Emily Roebling Memorial Tablet	n/a	n/a

Series IX. Artifacts

Box #	Folder #	Contents	Old Box #	Old Folder #
Fixman Room		Marble bust of John A. Roebling (Henry Bauerer) 1869	n/a	
Fixman Room		Bookends (gentleman seated with top hat resting on a bench)	n/a	
58		Door Knocker and door knobs from 110 Columbia Heights	21	
58		Wire from Viaduct at High Falls, NY	21	
58		Sample of Wire Cable	21	
58		Sample of Bedrock under the New York Tower foundation	21	
59		Steel Engraving Plates - Images of EWR and WAR	18	
60		Metal relief of John A. Roebling bust in profile	21	

Series X. Addendum

Box #	Folder #	Contents	Old Box #	Old Folder #
61	1	Allgemeine Ansicht der Vereinigten Staaten ... 1831 [photocopy]		
61	2	Measurements of Bridge & Railway 1885		
61	3	Poetry re: Brooklyn Bridge 1883-1924		
61	4	News Clippings 1889- 1922		
61	5	Electrical Survey - Bourough of Manhattan 1898		
61	6	Report on Strength and Saety of the Bridge 1898		
61	7	History of the Niagara Suspension Bridge 1905		
61	8	"The Safety of the Brooklyn Bridge" 1902		
61	9	News Clippings 1919-1922		
61	10	News Clippings of 50th Anniversary 1933		
61	11	Programs- 50th Anniversary of the Opening 1933		
61	12	Roebing (town) 75th Anniversary 1980		
61	13	Golden Gate Bridge 50th Anniversary 1987		
61	14	Brooklyn Bridge Anniversary Clippings 1983		
61	15	Brooklyn Bridge Commemorative Stamp 1983		
61	16	Canal Currents - Roebing Edition 1983		
61	17	"Work Suspended" Covington-Cincinnati Bridge, ASCE Address 1983		
61	18	"The Family the Bridge Built" 1983		
61	19	"The Great Bridge and the American Imagination" 1983		
61	20	"Mr. Roebing's Bridge" 1983		
61	21	"The Roebings: Bridging the Generations" 1983		
61	22	Emily Roebing Articles 1984		
61	23	John A. Roebing 200th Birthday Stamp 2006		
61	24	John A. Roebing Exhibit Catalogs 2006		
61	25	John A. Roebing Symposium 2006		

Oversize A. (items < 16 x 20 inches)**Series I. John A. Roebling****B. General Engineering**

Box #	Folder #	Contents	Old Dr. #	Old Folder #
34	1	Patent - Safety Steam Gauge for Steam Boilers, 1842	5	30
34	2	Patent - Wire Rope Machinery, 1842	5	30
34	3	Patent - Spark Arresters, 1843	5	30
34	4	Patent - Anchoring Suspension Chain, 1846	5	30
34	5	Patent - Traversing Wire Ropes Across Rivers, 1847	5	30
34	6	Patent - Manufacturing Wire Ropes, 1854	5	30
34	7	Patent - Steam Boilers 1854	5	30
34	8	Steam Pump Design Drawings, 1854	5	30
34	9	Marine Boilers, 1855		
34	10	Metalic Railroad Car Design Drawings, 1859	5	30
34	11	Patent - Metallic Railroad Cars, 1860	5	30
34	12	Patent - George Herthel's Truss Bridge, 1866	5	37

Series I. John A. Roebling**C. Bridge Projects**

Box #	Folder #	Contents	Old Dr. #	Old Folder #
35	1	Allegheny Bridge - Anchorages & Stays, 1857-1858	4	1
35	2	Allegheny Bridge - Architectural Details, 1858-1859	4	1
35	3	Allegheny Bridge Details, 1 of 2	4	1
35	4	Allegheny Bridge Details, 2 of 2	4	1
36	1	Covington & Cincinnati Maps 1840, 1846	4	18
36	2	Covington & Cincinnati Bridge Wire Cables 1864-1866	4	16
36	3	Covington & Cincinnati Bridge Hoisting and Derrick Drawings 1857-1866	4	16
36	4	Covington & Cincinnati Bridge Details 1 of 2	4	15
36	5	Covington & Cincinnati Bridge Details 2 of 2	4	15
36	6	Covington & Cincinnati Bridge Masonry	4	14
37	1	Delaware & Hudson Canal Aqueduct - Link Drawings	4	4
37	2	Monongahela Bridge Designs 1845-1846 1 of 2	4	2
37	3	Monongahela Bridge Designs 1845-1846 2 of 2	4	2
37	4	Monongahela Bridge Lithograph n.d.	4	3
37	5	Niagara Bridge Designs 1847-1851	4	5
37	6	Niagara Suspension Bridge 1852-1854 1 of 2	4	6,7,8
37	7	Niagara Suspension Bridge 1852-1854 2 of 2	4	6,7,8
37	8	Niagara Bridge Masonry Notes and Drawings 1853		
37	9	Niagara Bridge - Specifications 1847	4	5
37	10	Niagara Falls Lithographs 1846	4	10

Series I. John A. Roebling**D. Bridge Proposals**

Box #	Folder #	Contents	Old Dr. #	Old Folder #
38	1	Albany Bridge, Hudson River 1855	5	18
38	2	Barryville Footbridge c1847	5	23
38	3	Birmingham Point Bridge - Pittsburgh 1855	5	17
38	4	Broadway Overhead Railroad 1868	5	22
38	5	Chestnut Street Bridge, Philadelphia 1851	5	12
38	6	Clarks Ferry Bridge 1852	5	11
38	7	Market Street Bridge, Philadelphia c1850	5	10
38	8	Milford, Pennsylvania Bridge 1869	5	24
38	9	Mount Union Aqueduct	5	32
38	10	Nashville Bridge c1850	5	9
38	11	Railroad Suspension Bridge 1860	5	32
38	12	St. Lawrence River Bridge (Montreal) 1846	5	4
38	13	St. Louis Bridge 1868	5	20
38	14	Schuylkill River Bridge 1852	5	12
38	15	Steubenville Railroad Bridge 1854-1855	5	16
38	16	Tripartite Bridge, Pittsburgh	5	5
38	17	Wheeling Bridge, Ohio River - Specifications 1847	5	6
38	18	Whitewater River Bridge 1872		

Series II. Washington A. Roebling**A. Personal Miscellany**

Box #	Folder #	Contents	Old Dr. #	Old Folder #
41	1	Blueprints of Monuments for W.A.R. Gravesite 1904	1	4
41	2	Board of Managers New Jersey Geological Survey Certificates 1903, 1913	1	8
41	3	Flag Drawings n.d.	1	5
41	4	John A. Roebling's Mill 1857	1	

B. General Engineering

Box #	Folder #	Contents	Old Dr. #	Old Folder #
46	1	Bau Der Eisenbahnbrücke über die Weichsel bei Thorn 1876	6	12
46	2	Erweiterungsbauten Der Rheinischen Eisenbahn 1867	6	10

C. Bridge Proposals

Box #	Folder #	Contents	Old Dr. #	Old Folder #
38	19	Miami River Bridge n.d.	5	23
38	20	Military Bridge, Kentucky River 1863	5	14

Series III. Brooklyn Bridge

Box #	Folder #	Contents	Old Dr. #	Old Folder #
45	1	Brooklyn Caisson	3	
45	2	Notes & Designs (small)	3	
45	3	Notes & Designs - Caissons & Foundations	3	15
45	4	Pier and False Works	3	1
45	5	Superintendent's Report of Transactions, 1888	3	7

Newspapers

Box #	Folder #	Contents	Old Dr. #	Old Folder #
45	6	The Brooklyn Daily Eagle January 6, 1880	3	14
45	7	The Brooklyn Daily Eagle September 12, 1882	3	14
45	8	The Brooklyn Daily Eagle Development Series April 12, 1912	3	14
45	9	The Brooklyn Daily Eagle June 1923	3	14
45	10	The Brooklyn Union May 16, 1883	3	14
45	11	The World June 22, 1872	3	14

Series VII. Gouverneur Warren

Box #	Folder #	Contents	Old Dr. #	Old Folder #
41	5	Engineering Drawings n.d.	1	

Series VIII. Images**A. Roebling Family**

Box #	Folder #	Contents	Old Dr. #	Old Folder #
42	1	John A. Roebling, Wire Rope & Brooklyn Bridge - Trenton Sunday Advertiser	3	8
42	2	John A. Roebling II	7	1
44	1	Roebling Mansion (Trenton) Drawings	1	3
44	2	Roebling Mansion (Trenton) Photographs Interior	7	n/a
44	3	Roebling Mansion (Trenton) Photographs Exterior	7	2
42	3	Washington A. Roebling Portraits		

Series VIII. Images**B. Bridges**

Box #	Folder #	Contents	Old Dr. #	Old Folder #
42	4	Allegheny Bridge	8	8
42	5	Civil War Bridge - Shenandoah River 1862-1864	8	10
43	1	Bear Mountain Bridge 1925	8	15
43	2	Chelsea New Bridge (color lithograph)		
43	3	Clifton Suspension Bridge Collapse 1888-1889	8	14
43	4	The Franz Josephs Bridge, Prague 1867	8	12
43	5	Girard Avenue Bridge as proposed c1865		
43	6	"Man Made Canyon" Hudson River Bridge 1928 (lithograph)		
43	7	New Westminster Bridge (color lithograph)		
43	8	Road Bridge at St. Césaire	8	16
43	9	St. John Bridge, New Brunswick, Ontario 1885	8	13
43	10	Schuylkill River Bridge (engraving)		
43	11	Unidentified bridge by G.A. Bradshaw 1928		
43	12	Williamsburg Bridge	8	11

Series VIII. Images**C. Brooklyn Bridge**

Box #	Folder #	Contents	Old Dr. #	Old Folder #
40	1	Bridge Engraving 1882	3	10
39	n/a	Construction Views	8	4,5,6
40	2	Hildenbrand, W. - conceptual image of completed structure 1876	3	11
40	3	Illustrated Newspapers 1883 - originals	3	13, 14
40	4	Illustrated Newspapers 1883 - photocopies	n/a	n/a
40	5	Lithographs, various artists 1 of 2	3	12
40	6	Lithographs, various artists 2 of 2	3	12
40	7	Washington Roebling looking through a spyglass	3	9

Series VIII. Images**D. John A. Roebling's Sons**

Box #	Folder #	Contents	Old Dr. #	Old Folder #
42	6	John A. Roebling House/JARSCO Office Exterior	8	1
42	7	Office Interior	8	1
42	8	Plant Exterior	8	1

Oversize B. (items < 20 x 28 inches)**Series I. John A. Roebling****B. General Engineering**

Box #	Folder #	Contents	Old Dr. #	Old Folder #
47	1	Eisenbahnen Mittel-Europa's...	6	11
53	1	Furnace Designs	1	1
53	2	Pile Driver 1842		
47	2	German Bridge Designs - Lithographic Plates	6	13
47	3	Manufacturer's Broadsides 1861-1868	6	7
47	4	Mémoire Sur Les Ponts Suspendus 1823	6	14
47	5	Rhein Bridge at Coblenz (German)	5	32

Series I. John A. Roebling**C. Bridge Projects**

Box #	Folder #	Contents	Old Dr. #	Old Folder #
48	1	Allegheny Aqueduct - Anchorages	4	1
48	2	Allegheny Bridge - Anchorages & Abutments 1858	4	11
48	3	Allegheny Aqueduct - Cables	4	1,11
48	4	Allegheny Aqueduct - Design Details	4	1,11
49	1	Allegheny Aqueduct - Masonry	4	1,11
49	2	Allegheny Aqueduct - Piers	4	1,11
49	3	Allegheny Aqueduct - Sections	4	1,11
49	4	Allegheny Aqueduct - Tollhouse and Director's House	4	1,11
49	5	Allegheny Aqueduct - Towers	4	1,11
50	1	Covington & Cincinnati Bridge - Anchorages 1857-1863	4	14
50	2	Covington & Cincinnati Bridge - Towers 1856-1858	4	14
50	3	Covington & Cincinnati Bridge - Trusses, etc. 1856-1863	4	15
50	4	Delaware & Hudson Canal Aqueducts	4	4
50	5	Delaware & Hudson Canal Aqueducts - Anchorages	4	4
50	6	Lackawaxen Bridge, NY & Erie Railroad 1847-1848	5	8
50	7	Niagara Suspension Bridge - Anchorages 1852	4	5
50	8	Niagara Suspension Bridge - Superstructure 1847, 1852-1854	4	7

Series I. John A. Roebling**D. Bridge Proposals**

Box #	Folder #	Contents	Old Dr. #	Old Folder #
51	1	Bayardstown Suspension Bridge 1851	5	13
51	2	Girard Avenue Bridge,	5	12
51	3	Iron Suspension Truss Bridge 1860-1861	5	28
51	4	Kentucky River Bridge 1846, 1853-1862	5	14
51	5	Parabolic Truss Bridge - Drawings & Specifications 1868	5	21
51	6	Rocky River Bridge, Ohio 1868	5	23
51	7	Victoria Highway Bridge, Niagara Falls 1855	5	15
51	8	Wheeling Bridge, Ohio River 1847	5	7
51	9	Unidentified Drawings	5	32

Series II. Washington A. Roebling**A. Personal Miscellany**

Box #	Folder #	Contents	Old Dr. #	Old Folder #
53	3	Geological Atlas of New Jersey 1908	1	11

Series II. Washington A. Roebling**B. General Engineering**

Box #	Folder #	Contents	Old Dr. #	Old Folder #
52	1	The American Bridge Company Album of Designs 1876	6	1
52	2	Bismarck Bridge (Missouri River) Report 1884	6	3
52	3	Bridges designed by Joseph Langer n.d.	6	8
52	4	Delaware River Bridge Report 1921	6	5
52	5	Die Fundirung der Eisenbahnbrücke über den Pregel in Königsberg 1857	6	9
52	6	Plattsmouth Bridge Report 1882	6	2
52	7	Queensboro Bridge Drawings (William H. Hull) 1908	6	4
53	4	Velocity of Shot and Shell diagrams 1868	5	33

Series II. Washington A. Roebling**C. Bridge Proposals**

Box #	Folder #	Contents	Old Dr. #	Old Folder #
53	5	Hudson River Bridge n.d.	5	32
53	6	Rock Island Arsenal Bridge n.d.	5	32
53	7	Suspended Truss Bridges 1857-1860	5	32

Series III. Brooklyn Bridge

Box #	Folder #	Contents	Old Dr. #	Old Folder #
54	1	Approaches	3	2
54	2	Blackwell Island and other early proposals 1856-1860	5	19
54	3	Brooklyn Foundation	3	2
54	4	Equipment: 10x10 Engine, Stone Scow, Steam Pump	3	4
54	5	New York Foundation	3	5
54	6	Study of Ship Mast Heights n.d.	3	3
54	7	Superstructure	3	3
54	8	Towers	3	3
54	9	Wire Spinning Buggy	3	4

Series IV. John A. Roebling's Sons Company

Box #	Folder #	Contents	Old Dr. #	Old Folder #
55		Manufacture & Sales Reports 1906-1914	2	14

Series VIII. Images - Bridges**B. Bridges**

Box #	Folder #	Contents	Old Dr. #	Old Folder #
56	1	Covington & Cincinnati Bridge	8	9
56	2	Niagara Suspension Bridge c1878	8	7

Brooklyn Bridge

Box #	Folder #	Contents	Old Dr. #	Old Folder #
57		Brooklyn Bridge and Brooklyn, Irving Underhill 1919	8	6
57		Brooklyn Bridge (side view looking down the East River) S.A. Holmes	8	6
57		Brooklyn Bridge with ferry boats in foreground	8	6
57		Brooklyn Bridge with masted ships and docks in foreground (mounted on board)	8	6
57		The Great East River Suspension Bridge (print w/construction info.)	8	6
57		New York Tower (Woolworth Building in background), Irving Underhill 1921	8	6
57		View of Brooklyn Bridge from the East River	8	6
57		View of Brooklyn Bridge from the East River	8	6

Series VIII. Images**C. JARSCO**

Box #	Folder #	Contents	Old Dr. #	Old Folder #
56	3	John A. Roebling's Sons Exhibit	8	2

Oversize C. Map Case (items > 28 inches)**Series I. John A. Roebling****A. Personal**

Drawer #	Folder #	Contents	Old Dr. #	Old Folder #
1	1	Trenton, New Jersey Real Estate Maps	1	9
1	2	Topographical Drawings (German)	1	6

Series I. John A. Roebling**B. General Engineering**

Drawer #	Folder #	Contents	Old Dr. #	Old Folder #
1	3	Bridge No. 16 for the Harrisburg & Lancaster Railroad, Middletown (John W. Murphy, C.E.)		
1	4	Monongahela River Bridge - Baltimore & Ohio Railroad (Latrobe)	5	35
1	5	Pennsylvania Railroad Maps	6	6
1	6	Proposed People's Bridge, East St. Louis (James D. McKee)	5	23
1	7	Trenton Locomotive & Machine Manufacturers Company - Bridge Plans		
1	8	Wallabout Improvements - color drawings n.d.		
1	9	Whipple Truss Bridge - Delaware River at Easton, PA (Lothrop)	5	35

Series I. John A. Roebling**C. Bridge Projects**

Drawer #	Folder #	Contents	Old Dr. #	Old Folder #
2	1	Allegheny Aqueduct - Elevations n.d.	4	1
2	2	Allegheny River Bridge - Large Drawings	4	1
2	3	Allegheny River Bridge - Railing Designs 1858	4	13
2	4	Covington & Cincinnati Bridge - Large Drawings	4	17
2	5	Design of the Two Lane Heavy Bridge over the Upper Ruhr...1830	5	32
2	6	Niagara Suspension Bridge - Large Drawings	4	7,8
2	7	Niagara Suspension Bridge - L.L. Buck 1870, 1878	4	9
2	8	Parabolic Truss Bridge - Drawings & Specifications 1868	5	32
2	9	Railroad Truss Arch & Wire Suspension Bridge 1857	5	32
2	10	Unidentified Drawings	5	32

Series II. Washington A. Roebling**B. General Engineering**

Drawer #	Folder #	Contents	Old Dr. #	Old Folder #
1	10	New Jersey Geological Survey Maps	1	10
2	11	Military Bridge at Royal, Virginia 1862	5	1
2	12	Windsor Locks Suspension Bridge Repair 1886	5	3
9	1	Rhein Bridge at Rheinhausen Design Drawings 1871-1872 (German)	not in old guide	
9	2	Weichsel Bridge at Marienburg Castle Drawings & Lithographs 1855 (German)	not in old guide	

Series III. Brooklyn Bridge

Drawer #	Folder #	Contents	Old Dr. #	Old Folder #
3	1	Anchorage 1867-1868, 1896	3	3
4	1	Brooklyn Approach	3	2
4	2	Brooklyn Tower Cross Sections	3	5
3	2	Cable Making - Plans, Hardware, etc.	3	4
4	3	Cable Making - Cable Cross Sections	3	4
4	4	Cable/Railway Plans 1893, 1896	3	
3	3	Caisson Drawings - General	2	15
3	4	Coffer Dam	2	15
3	5	Dredgers	2	15
4	5	Manufactures Literature	6	7
4	6	Map of Hell Gate and it's approaches (Blackwell Island Study) 1851	5	32
4	7	Newspapers 1882-1883	3	14
3	6	Pneumatic Foundation Air Locks	2	15
4	8	Saddles/Shoes	3	
4	9	Street Surveys 1867	3	
3	7	Superstructure	3	3

Series IV. John A. Roebling's Sons Company

Drawer #	Folder #	Contents	Old Dr. #	Old Folder #
6	1	19 Wire Strand Machine 1856-1864	2	8
6	2	Early Rope Machine 1848	1	13
6	3	Rope Machine No. 1; No. 3	2	3
6	4	Rope Machine No. 2 1 of 3	1	14
6	5	Rope Machine No. 2 2 of 3	2	3,4,6
6	6	Rope Machine No. 2 3 of 3	2	3,4,6
5	1	Rope Machine No. 4 1856	1	15
5	2	Rope Machine No. 5 1 of 3	1	16
6	7	Rope Machine No. 5 2 of 3	1	16
6	8	Rope Machine No. 5 3 of 3		
6	9	Rope Machine No. 6	2	1
6	10	Rope Machine No. 9	2	2
5	3	Rope Machinery - General 1 of 3	2	5
5	4	Rope Machinery - General 2 of 3	2	5,7
6	11	Rope Machinery - General 3 of 3		
6	12	Sash Cord Machine 1867	2	10
5	5	Small Rope Laying Machine 7x19	2	9
5	6	Stranding Machine 1882	2	11
6	13	Treatment of Wire	5	32
6	14	Wire Rope Factory		
6	15	Wood Tooth Gearing	2	12

Series VII. Gouverneur Warren				
Drawer #	Folder #	Contents	Old Dr. #	Old Folder #
1	11	West Point Fortifications/Erie Canal	1	7

Series VIII. Images

A. Roebling Family				
Drawer #	Folder #	Contents	Old Dr. #	Old Folder #
7	1	Photograph of John A. Roebling Statue, Trenton, New Jersey		
7	2	Portrait of Washington A. Roebling seated with Brooklyn Bridge visable through a window		

B. Bridges				
Drawer #	Folder #	Contents	Old Dr. #	Old Folder #
7	3	Harlem River Bridge Proposal (W. Hildenbrand) 1885	5	34
7	4	Victoria Suspension Bridge - Montreal	5	34

Framed Bridge Images				
Archives workroom		Covington & Cincinnati Bridge - color lithograph		
Archives workroom		The Railroad Suspension Bridge Near Niagara Falls - color lithograph (Currier & Ives) 1856		
Art Storage		Niagara and Its Wonders - Niagara Suspension Bridge - lithograph (D.M. Dewey) c1856		
Art Storage		John A. Roebling, bridge, home, JARSCO montage c1869		

C. Brooklyn Bridge				
Drawer #	Folder #	Contents	Old Dr. #	Old Folder #
7	5	Matted photograph of completed bridge	8	6
7	6	New York Tower - panoramic photograph on board	8	5
7	7	Published Illustrations of the Bridge at it's opening 1883	8	6

Framed Brooklyn Bridge Images				
Folsom Library 2nd fl.		East River Bridge - color lithograph (Standard Press)		
Library Admin. Office		The Great East River Suspension Bridge (Currier & Ives) 1877		
Library Admin. Office		Bird's Eye View of The Great Suspension Bridge - colored litho.1883		

D. JARSCO				
Drawer #	Folder #	Contents	Old Dr. #	Old Folder #
7	8	Ruins of New Rope Shop Fire 1915	8	3

Oversize D. Rolled Drawings

Series I. John A. Roebling

B. General Engineering				
		Pile Driver	3	

C. Bridge Projects				
		Covington & Cincinnati Bridge - Elevations (3 items)	4	
		Niagara Bridge - Elevation	4	

D. Bridge Proposals				
		Parabolic Truss Bridge 1868	5	
		Schuylkill River Bridge, Ohio River Bridge (2 items)	5	

Series II. Washington A. Roebling

A. Personal Miscellany				
		Property Surveys	1	
		Specifications and Drawings, House in Trenton, NJ (3 sets)	1	

Series III. Brooklyn Bridge				
		Cables & Anchorage (2 items)	3	
		Deck Sections	3	
		Franklin Square Bridge (New York Approach)	3	
cabinet		East River blueprints in 2 bound vols.		

Series IV. John A. Roebling's Sons Company				
		50-ton Rope Machine (2 items)	2	
		Elmer St. Rope Shop (2 items)	2	
		Wire Rope Machine as Built	2	