



Smithsonian

National Museum of American History Kenneth E. Behring Center

Guide to the Mechanical and Civil Engineering Stereograph Cards

NMAH.AC.1090

Geoff Kelly

2023

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Table of Contents

Collection Overview	1
Administrative Information	1
Arrangement.....	2
Scope and Contents note.....	2
Names and Subjects	2
Container Listing	3
Series 1: Stereograph Cards, 1844-1916, undated.....	3

Collection Overview

Repository:	Archives Center, National Museum of American History
Title:	Mechanical and Civil Engineering Stereograph Cards
Date:	1844-1916, undated
Identifier:	NMAH.AC.1090
Source:	National Museum of American History (U.S.). Division of Work and Industry National Museum of American History (U.S.). Division of Mechanical and Civil Engineering
Creator:	Vogel, Robert M.
Extent:	2.5 Cubic feet (6 boxes)
Language:	English .

Administrative Information

Immediate Source of Acquisition

Donated to the National Museum of American History's Division of Mechanical and Civil Engineering by curator Robert M. Vogel in 1986. Also included in this gift were stereographs of non-engineering subjects, which were transferred to other Museum divisions.

Ownership and Custodial History

The engineering stereographs were transferred to the Archives Center from the Division of Work and Industry in 2007.

Processing Information

Collection processed by Geoff Kelly, intern; supervised by Alison Oswald, archivist, 2023.

Preferred Citation

Mechanical and Civil Engineering Stereograph Cards, Archives Center, National Museum of American History.

Restrictions on Access

Collection open for research on site by appointment. Unprotected photographs must be handled with gloves.

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Scope and Contents

Approximately 350 stereo cards of engineering subjects, such as bridges, tunnels, lighthouses, canals, quarries, etc., including both U.S. and foreign subjects.

Arrangement

Collection is arranged into one series

Series 1: Stereograph Cards, 1848-1926

Names and Subject Terms

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

Subjects:

- Bridges
- Buildings
- Canals
- Dams
- Factories
- Heavy machinery
- Lighthouses
- Mines
- Mining
- Quarries and quarrying
- Railroad stations
- Tunnels
- Waterworks

Types of Materials:

- Stereoscopic photographs

Names:

- National Museum of American History (U.S.). Division of Mechanical and Civil Engineering
- National Museum of American History (U.S.). Division of Work and Industry

Container Listing

Series 1: Stereograph Cards, 1844-1916, undated

Subseries 1.1: Bridge Fabrication, undated

Box 1	Assembling steel bridge girders, steel corporation, undated
Box 1	Cutting and heading bolts in American Bridge Works, undated
Box 1	Cutting great girder rims in powerful machine, undated
Box 1	Drilling holes in bridge girders in great steel corporation plant, undated
Box 1	Punching all steel girder rims, undated
Box 1	Riveting girders for steel bridge, undated

Subseries 1.2: Bridges, Highway, Metal, 1876, undated

Box 1	Woodstock, Vermont, undated
Box 1	Lower deck Callowhill St. Bridge, undated
Box 1	Bridge across the Merrimack River (Lowell, Mass), undated
Box 1	View on the line of the Pennsylvania R.R., undated
Box 1	Scenery in Fairmount Park, undated
Box 1	Girard Avenue Bridge, undated
Box 1	Scenery in Fairmount Park, undated
Box 1	Girard Avenue Bridge, Philadelphia, undated
Box 1	Girard Avenue Bridge, Philadelphia, undated
Box 1	Girard Ave. Bridge, undated
Box 1	Girard Ave. Bridge, Phila., undated
Box 1	Girard Avenue Bridge over the Schuylkill River, Philadelphia. Bought in Machinery Hall, 1876-11-3

Box 1	Girard Ave. Bridge, undated
Box 1	Girard Avenue Bridge, undated
Box 1	Goat Island Bridge, undated
Box 1	Groveland Bridge, undated
Box 1	Harlem Bridge, New York, undated
Box 1	Harlem Bridge, undated
Box 1	Harlem River, iron bridge on Third Ave, undated
Box 1	Iron Bridge, Nashua, New Hampshire, undated
Box 1	Iron Bridge, undated
Box 1	Louisville Bride over the Ohio River, from Indiana, undated
Box 1	Lower Bridge, undated
Box 1	New York Connecting Bridge, Phila., undated
Box 1	Bridge Across Norman's Kill, Kenwood, undated
Box 1	Bridge Across Norman's Kill, Kenwood, undated
Box 1	Pawtucket S8 Bridge looking West, undated
Box 1	Chicago River, Elevators, undated
Box 1	The old and new Bridge from Salisbury, undated
Box 1	Unidentified bridge, undated
Box 1	Unidentified bridge, undated
Box 1	Unidentified bridge, undated
Box 1	Lancaster, Massachusetts (valley of the Nashua-Concord bridge), undated
Box 1	Vincent Place Bridge from below, undated
Box 1	Vincent Place Bridge from below, undated
Box 1	Vincent Place Bridge, undated

Box 1 Watkins Glen Suspension Bridge and Mountain House, undated

Subseries 1.3: Bridges, Highway, Wooden, 1848, undated

Box 1 Railway scenery in New York, undated

Box 1 The bridge over the Moodna, undated

Box 1 Bridge over Ogden River, Oregon, undated

Box 1 Bridge to Third Sister Island, undated

Box 1 Bridges and Falls from the Vt. Side looking North, undated

Box 1 Central Bridge, undated

Box 1 Clark Street Bridge, 1848-10-13

Box 1 Connecticut River Bridge, undated

Box 1 Bridge at Battleboro, Vermont, undated

Box 1 Cottage Hill from South Side, undated

Box 1 View under Girard Avenue Bridge, undated

Box 1 Girard Ave Bridge, undated

Box 1 Goodrich Falls, Bartlett, New Hampshire, undated

Box 1 The Haunted Bridge, undated

Box 1 Lancaster Bridge, undated

Box 1 The Long Bridge connect Washington and the Virginia shore, at a point between Arlington and Alexandria, and is over a mile in length, undated

Box 1 Market Street Bridge, Phila. Pennsylvania, undated

Box 1 Bridge in Middlesex, Vermont, undated

Box 1 Shadows of the Old Bridge. View from the head of River St. St, Johnsbury Centre, Vermont, undated

Box 1 Old Mohawk Bridge, Schenectady, New York, undated

Box 1 Old Mohawk Bridge, Schenectady, New York, undated

Box 1	Old Mohawk Bridge interior, Schenectady, New York, undated
Box 1	The Old Mohawk Bridge, undated
Box 1	Merrimack River Bridge dismantling in Haverhill, Massachusetts, 1873
Box 1	Unidentified bridge, undated
Box 1	Unidentified bridge, undated
Box 1	Unidentified bridge, undated
Box 1	View of High Bridge, Prospect, undated
Box 1	Wissahickon Creek, Fairmount Park, Philadelphia, undated
	Bridges, Masonry, 1842, 1849, undated
Box 1	Bow Bridge, Central Park, New York, undated
Box 1	Cheshire Railroad Bridge near south Keene, New Hampshire, undated
Box 1	View on the line of the Pennsylvania Railroad, undated
Box 1	Connecting railroad bridge, Philadelphia, undated
Box 1	Connecting railroad bridge, Philadelphia, undated
Box 1	Croton Aqueduct at Sing Sing, New York, undated
Box 1	High Bridge (Croton Aqueduct) Harlem River New York, undated
Box 1	High Bridge, New York, undated
Box 1	High Bridge, Croton Aqueduct, New York, undated
Box 1	View of High Bridge, from the New York Side, undated
Box 1	High Bridge, New York, undated
Box 1	High Bridge, New York City, built in 1842, 1842
Box 1	High Bridge, New York, undated
Box 1	New York, High Bridge, Harlem, undated
Box 1	High Bridge Harlem New York, undated

Box 1	High Bridge New York, undated
Box 1	High Bridge New York, undated
Box 1	The High Bridge, end view, Harlem, undated
Box 1	High Bridge, (end view), Harlem, undated
Box 1	High Bridge from New York, undated
Box 1	Main Street Bridge, Pawtucket, Rhode Island, undated
Box 1	1st time over the new bridge of the Mohawk Valley Electric Railroad at Herkimer, New York, undated
Box 1	Old Falls Bridge, Schuylkill River, undated
Box 1	Old Falls Bridge, undated
Box 1	Reading Railroad Bridge, undated
Box 1	The railroad bridge across the Patapisco, on the Baltimore and Ohio Railroad, near Ellicottsville, undated
Box 1	Span and Rustic Saloon, Prospect Park, undated
Box 1	Starucca Viaduct, Erie Railroad, near Susquehanna, Pennsylvania, 1849
Box 1	Susquehanna Pennsylvania, from Starucca Viaduct, undated
Box 1	Starucca Viaduct, 1250 ft. long, 120 ft. high, undated
Box 1	Starucca Viaduct -- Erie Railway (Length, 1200 feet; Height, 110 feet; 18 Arches), undated
Box 1	Starucca Viaduct -- Erie Railway (Length, 1200 feet; Height, 110 feet; 18 Arches), undated
Box 1	Susquehanna Valley and Starucca Viaduct, undated
Box 1	Thomas Viaduct, Baltimore and Ohio Railroad, at Relay, near Baltimore, 1835
Box 1	Thomas Viaduct, over Patapsco, Baltimore and Ohio Railroad, Relay House, undated
Box 1	Unidentified bridge near Philadelphia, undated
Box 1	Bridge over Valley of Saint George's Creek, Cumberland in distance, undated

Box 1 Bridge over Valley of Saint George's Creek, Pennsylvania, undated

Subseries 1.4: Bridges, Metal Arch and Cantilever, 1844-1909, undated

Box 1 Bridge over Colorado River near Lee's Ferry, Arizona, undated

Box 1 Illinois and Saint Louis Bridge, undated

Box 1 Illinois and Saint Louis Bridge, undated

Box 1 Illinois and Saint Louis Bridge, undated

Box 1 Eads Bridge under construction, undated

Box 1 Magnificent ten-million dollar Eads Bridge over the Mississippi, St. Louis, Missouri, undated

Box 1 \$10,000,000 bridge (west) over the Mississippi at Saint Louis, Missouri, undated

Box 1 The Magnificent Eads Bridge, St. Louis, Missouri, undated

Box 1 Mississippi River Bridge, St. Louis, undated

Box 1 Illinois and Saint Louis Bridge, undated

Box 1 The Magnificent Eads Bridge, St. Louis, Missouri, undated

Box 1 Mississippi River Bridge at St. Louis, Missouri, undated

Box 1 Mississippi River Bridge at St. Louis, Missouri, undated

Box 1 Mississippi River Bridge at St. Louis, Missouri, undated

Box 1 On the bustling levee, St. Louis, where the products of the Mississippi Valley are distributed, undated

Box 1 Perspective view of Bridge from north side, Cincinnati Southern Railway, 1877-01-23

Box 1 Perspective view of finished Bridge from south side, Cincinnati Southern Railway, undated

Box 1 Lowell Bridge, 180 feet span, built by Wrought Iron Bridge Company, undated

Box 1 Bridge near Lancaster, Pennsylvania, 1844-10-05

Box 1 New Arch Bridge, Niagara, undated

Box 1	Chestnut Street Bridge, Philadelphia, undated
Box 1	Susquehanna Bridge, Pennsylvania, undated
Box 1	Harlem River Ground and Washington Bridge, undated
Box 1	Unidentified bridge, undated
Box 1	Bridge over American and Luna Falls, Niagara, 1908
Box 1	Bridge over American Falls from Goat Island, Niagara, undated
Box 1	Niagara -- the new steel arch bridge, undated
Box 1	View of the Cantilever Bridge at Niagara Falls, 1883-12-20
Box 1	Bridge over the Gorge Route, Niagara Falls, New York, 1909
Box 1	Bridge over the Gorge Route, Niagara Falls, New York, 1909
Box 1	Great Hudson River Bridge, Poughkeepsie, New York, undated

Subseries 1.5: Bridges, Miscellaneous, undated

Box 1	Aerial bridge, 394 feet long, 135 feet above waters of Lake Superior, harbor entrance, Duluth, Minnesota, undated
Box 1	Bridge in Rocky Glen, undated
Box 1	Mount Washington Railroad bridge, undated

Subseries 1.6: Bridges, Railroad, Metal, 1876-1904, undated

Box 1	Bollman Iron Bridge, Harpers Ferry, West Virginia, undated
Box 1	Celebrated Maryland Heights, Harpers Ferry Virginia, undated
Box 1	Celebrated Maryland Heights, Harpers Ferry Virginia, undated
Box 1	Bridge in Harpers Ferry, undated
Box 1	Harpers Ferry, West Virginia, undated
Box 1	Harpers Ferry, West Virginia, undated
Box 1	Bellman Truss Bridge, Piedmont, West Virginia, Baltimore and Ohio Railroad, 1870

Box 1	Bellman Truss Bridge, Piedmont, West Virginia, Baltimore and Ohio Railroad, undated
Box 1	Boston and Albany Railroad Bridge over Connecticut River, at Springfield, Massachusetts, undated
Box 1	The Castle, Weber Canon, Utah, undated
Box 1	View on Minneapolis and St. Louis Railway, undated
Box 1	Bridge on Delaware River, Easton, Pennsylvania, undated
Box 1	View on the line of the Pennsylvania Railroad, undated
Box 1	View on the line of the Pennsylvania Railroad, undated
Box 1	Bridge at New Brighton, Pennsylvania, undated
Box 1	Machine shop from Bluffs, view from Bridge, Omaha, Nebraska, undated
Box 1	Pennsylvania Railroad Bridge, 1876
Box 1	Conestoga Bridge, Pennsylvania, undated
Box 1	Devil's Gate from the South. High Peaks of the Wahsatch in the distance, Union Pacific Railroad, undated
Box 1	Government Bridge, Rock Island, undated
Box 1	The Great Bridge Richmond, Virginia, 1891
Box 1	Indian Creek Bridge, Baltimore and Ohio Railroad, undated
Box 1	Cincinnati and Louisville Railroad Bridge, Cincinnati, undated
Box 1	Iron Bridge, Cincinnati, Ohio, undated
Box 1	Cincinnati and Louisville Railroad Bridge, Cincinnati, undated
Box 1	Cincinnati, Ohio Railroad Bridge, undated
Box 1	The Iron Bridge and Ruins of Old Mill, near Spence Creek, Huntington County, undated
Box 1	Bridge in Catskill Mountains, undated
Box 1	Newport and Cincinnati Bridge, general view, east side from Cincinnati, undated

Box 1	Royal Gorge of the Arkansas, Canon City, Colorado, 1901
Box 1	Royal Gorge of the Arkansas, Canon City, Colorado, 1902
Box 1	Royal Gorge, Grand Canyon of the Arkansas, Colorado, undated
Box 1	In the Royal Gorge, Grand Canyon of the Arkansas, near Canyon City, Colorado, undated
Box 1	Royal Gorge, Grand Canyon of the Arkansas, Colorado, 1904
Box 1	Royal Gorge, Grand Canyon, undated
Box 1	Hanging Bridge, Royal Gorge, Grand Canyon of the Arkansas, Colorado, 1898
Box 1	Royal Gorge, Colorado, undated
Box 1	Bridge over the Susquehanna River, Pennsylvania, on the line of the Erie Railway, undated
Box 1	East Bridgeport Harbor, Hotchkiss and Howes Factories, undated

Subseries 1.7: Bridges, Railroad, Wooden, 1848, 1878, undated

Box 2	Main Street Bridge, Bradford, from Saint James Hotel, Pennsylvania, undated
Box 2	Bridge and Trestle Work, near Charlottenburg, New York, undated
Box 2	Portland and Ogdensburg Railroad, Crawford Notch, New Hampshire, undated
Box 2	Saw Mill Rift Bridge across the Delaware River near Port Jervis, 1848-2-3
Box 2	Lower Weber Canyon, looking West, Devil's Gate Bridge in the foreground, undated
Box 2	Railroad Bridge, Weber Canyon, Pacific Railroad, undated
Box 2	Concord Railroad Bridges, Hookstt, New Hampshire, undated
Box 2	Bridge view at Lackawaxen, Erie Railroad, undated
Box 2	Interior of N.G. Railroad Bridges, undated
Box 2	Bridge over the Mississippi at St. Pauls, undated
Box 2	Bridge over Susquehanna at Harrisburg, undated

Box 2	Railroad bridge, Haverhill, Massachusetts, undated
Box 2	Bridge at Summer Hill, Pennsylvania, undated
Box 2	Views of the Tariffville Bridge Disaster, 1878-01-15
Box 2	Victoria Bridge, Montreal, Canada, Entrance View, undated
Box 2	Entrance to Victoria Bridge, Montreal, Canada, undated
Box 2	Victoria Bridge, Montreal, undated
Box 2	Victoria Bridge, Montreal, undated
Box 2	Victoria Bridge, Montreal, undated
Box 2	Victoria Bridge, Montreal, No. 13 Pier Showing Current, undated
Box 2	Victoria Bridge, the longest bridge in the world, Montreal, Canada, undated
Box 2	Victoria Bridge, Canada, undated
Box 2	Victoria Bridge, Montreal, undated
Box 2	Railroad Bridge, Havre de Grace, Maryland, undated

Subseries 1.8: Bridges, Suspension, Brooklyn, 1895-1902, undated

Box 2	East River Bridge Tower, New York, undated
Box 2	East River Bridge Tower, New York, undated
Box 2	Along the driveway, cable road and promenade to New York, Brooklyn Bridge, 1902
Box 2	Along the driveway, cable road and promenade to New York, Brooklyn Bridge, 1902
Box 2	Roadway and cars, Brooklyn Bridge, New York, 1896
Box 2	Roadway and cars, Brooklyn Bridge, New York, 1896
Box 2	Cableway, Brooklyn Bridge, New York, undated
Box 2	Entrance to promenade, Brooklyn Bridge, undated
Box 2	On the Brooklyn Bridge, New York, undated

Box 2	Brooklyn Bridge, New York, undated
Box 2	East River Bridge, New York City, undated
Box 2	Bird's-eye view of New York and Brooklyn Bridge, undated
Box 2	New York, from the pire of the Suspension Bridge, undated
Box 2	Brooklyn Bridge, near view, New York, 1895
Box 2	A masterpiece of engineering, the Brooklyn Bridge, New York City, undated
Box 2	Brooklyn Bridge, New York City, undated
Box 2	Brooklyn Bridge -- the most gigantic of suspension bridges, New York, 1901
Box 2	The Brooklyn Bridge, near view, New York, 1900
Box 2	New York and Brooklyn Bridge, New York, undated
Box 2	Brooklyn Bridge -- the most gigantic of suspension bridges, New York, 1901
Box 2	The great Brooklyn Bridge, New York, undated
Box 2	The Great Brooklyn Bridge, undated
Box 2	The great Brookyln Bridge, New York, undated

Subseries 1.9: Bridges, Suspension, Cincinnati, undated

Box 2	Suspension Bridge in Cincinnati, Ohio, undated
Box 2	Suspension Bridge in Cincinnati, Ohio, undated
Box 2	Suspension Bridge in Cincinnati, Ohio, undated
Box 2	Bridge between Cincinnati and Covington, Ohio, undated
Box 2	Suspension Bridge in Cincinnati, Ohio, undated
Box 2	Suspension Bridge in Cincinnati, Ohio, undated

Subseries 1.10: Bridges, Suspension, 1873, 1899, undated

Box 2	The Suspension Bridge, Nashville, Tennessee, undated
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Box 2	Pittsburgh and Connelsville Railroad Bridge, 1873
Box 2	Bridge in Nashua, New Hampshire, undated
Box 2	Suspension Bridge to Clark Hill Islands and Burning Springs, New York, undated
Box 2	Pollux Bridge to Burning Springs, Niagara Falls, undated
Box 2	Bridge at Newport, Massachusetts over Merrimack River, undated
Box 2	Chain bridge, Massachusetts, undated
Box 2	Unidentified suspension bridge, undated
Box 2	View of suspension bridge in Minneapolis, undated
Box 2	View of suspension bridge in Minneapolis, undated
Box 2	View of suspension bridge in Minneapolis, undated
Box 2	Point Bridge, Monongahela River, Pittsburgh, Pennsylvania, undated
Box 2	Suspension bridge at St. Anthony Falls, Minnesota, 1899-07-24
Box 2	Suspension bridge in St. John's, New Brunswick, undated
Box 2	Suspension bridge in St. John's, New Brunswick, undated
Box 2	Suspension bridge in St. John's, New Brunswick, undated
Box 2	Suspension bridge in St. John's, New Brunswick, undated
Box 2	Suspension bridge in St. John's, New Brunswick, undated
Box 2	The Schuylkill suspension bridge, Pennsylvania, undated
Box 2	Great Suspension Bridge, Ohio, Wheeling, West Virginia, undated
Box 2	Wire bridge at Fairmount, Philadelphia, Pennsylvania, undated
Box 2	Wire bridge at Fairmount, Philadelphia, Pennsylvania, undated
Box 2	Mt. Camerdon and Suspension Bridge, near Guymard, New York, undated
Box 2	The World's Highest Bridge spans the Royal Gorge, near Canon City, Colorado, undated

Subseries 1.11: Bridges, Suspension, Roebling's Niagara, 1859, undated

Box 2	Perspective View, Suspension Bridge Carriage Way, Niagara, undated
Box 2	Interior Suspension Bridge, Niagara, undated
Box 2	Structures of Old Bridge, Niagara, undated
Box 2	Suspension Bridge Niagara Carriage Way, undated
Box 2	Interior railway suspension bridge -- 800 feet long, Niagara, undated
Box 2	The new suspension bridge, Niagara, undated
Box 2	Suspension bridge, Niagara, undated
Box 2	Interior of suspension bridge, Niagara, undated
Box 2	Interior of suspension bridge, Niagara, undated
Box 2	Entrance to bridge, Niagara Falls, undated
Box 2	Suspension bridge, Niagara, undated
Box 2	Suspension bridge, Niagara, undated
Box 2	Niagara, suspension bridge interior, undated
Box 2	Suspension bridge of Niagara Falls, undated
Box 2	Suspension bridge at Niagara, from toll gate, undated
Box 2	Interior Suspension Bridge, Niagara, undated
Box 2	Interior Suspension Bridge, Niagara, undated
Box 2	Suspension bridge, Niagara Falls, undated
Box 2	Suspension bridge, Niagara Falls, exterior view, undated
Box 2	Suspension bridge, Niagara Falls, undated
Box 2	Unidentified suspension bridge at Niagara, undated
Box 2	Suspension bridge from Mineral Spring Garden at Niagara, undated
Box 2	Suspension bridge, Niagara, undated
Box 2	Side view of old suspension bridge, undated

Box 2	Niagara Falls from suspension bridge, undated
Box 2	Side view suspension bridge, undated
Box 2	Suspension bridge, undated
Box 2	The Suspension Bridge, undated
Box 2	The suspension bridge from Canada side, undated
Box 2	The suspension bridge from the Canada side, undated
Box 2	Suspension bridge Niagara Falls, undated
Box 2	Niagara -- suspension bridge from American side, undated
Box 2	Suspension bridge, Niagara Falls, undated
Box 2	Suspension bridge at Niagara Falls, undated
Box 2	Niagara, suspension bridge, shewing towers, undated
Box 2	Suspension bridge, Niagara Falls, undated
Box 2	The Suspension Bridge, top view, 1859
Box 2	Niagara Railway suspension bridge, 800 feet long, undated
Box 2	Suspension bridge, Niagara, undated
Box 2	Railway suspension bridge from towers, undated
Box 2	The suspension bridge, Niagara, undated
Box 2	The railway suspension bridge, Niagara, undated
Box 2	Niagara suspension bridge, railroad track, undated
Box 2	Niagara, suspension bridge and vicinity, undated
Box 2	Suspension bridge and rapids (instantaneous), undated
Box 2	Niagara -- cars on suspension bridge, undated
Box 2	Niagara suspension bridge, undated
Box 2	Niagara suspension bridge viewed from forested cliff, undated

Box 2	Niagara suspension bridge viewed from afar, undated
Box 2	Niagara suspension bridge from Monteagle House, undated
Box 2	The suspension bridge and falls from the Monteagle House, undated
Box 2	Niagara Falls and suspension bridge, undated
Box 2	The Maid of the Mist "shooting" the Whirlpool Rapids -- Niagara on line of New York City and Harlem Railroad, 1880-07
Box 2	Suspension bridge on the line of the railway, undated
Box 2	Suspension bridge, Niagara, New York, on the line of the Erie Railway, undated
Box 2	Suspension bridge, undated
Box 2	Niagara -- railway suspension bridge, undated
Box 2	Suspension bridge, undated
Box 2	Railroad suspension bridge, Niagara Falls, undated
Box 2	Suspension bridge, undated
Box 2	Railroad suspension bridge, Niagara Falls, undated
Box 2	Suspension bridge, undated
Box 2	Railroad suspension bridge, Niagara Falls, undated
Box 2	General view of the suspension bridge from the Canada side, undated
Box 2	Suspension bridge, Niagara Falls, undated
Box 2	Suspension bridge, undated
Box 2	Suspension bridge, on the line of the Erie Rails, undated
Box 2	Railway suspension bridge, 800 feet long, undated
Box 2	Niagara -- railway suspension bridge on line of the New York City and Harlem Railroad, undated
Box 2	Railroad suspension bridge, Niagara north, undated
Box 2	Niagara suspension bridge, Clifton in distance, undated

Box 2	Suspension bridge from Canada side, undated
Box 2	Niagara falls suspension bridge, undated
Box 2	Niagara -- interior of railway suspension bridge, on line of New York City and Harlem Railroad, undated
Box 2	Interior of suspension bridge, Niagara, Ontario, Canada, undated
Box 2	Interior of suspension bridge, Niagara Falls, undated
Box 2	Suspension side view, Niagara, undated
Box 2	Suspension bridge and tower, Niagara, undated
Box 2	Suspension bridge and tower, Niagara, undated

Subseries 1.12: Bridges, Suspension, Niagara, 1887, 1893, undated

Box 2	The New Suspension Bridge -- Entrance -- Canada Side, undated
Box 2	New Suspension Bridge -- Niagara -- 1268 feet long, undated
Box 2	Section of new suspension bridge and elevator tower, undated
Box 2	New Suspension Bridge, Niagara Falls, undated
Box 2	New Suspension Bridge, Niagara Falls, undated
Box 2	The New Suspension Bridge, undated
Box 2	New Suspension Bridge, Niagara, New York, undated
Box 2	Suspension bridge, undated
Box 2	Suspension bridge, 1893
Box 2	Niagara -- new suspension bridge. On line of New York City and Harlem Railroad, undated
Box 2	The New Suspension Bridge, undated
Box 2	The New Suspension Bridge, undated
Box 2	New Suspension Bridge Niagara, undated
Box 2	New Suspension Bridge and Falls of Niagara, undated

Box 2	The new suspension bridge from the American side, undated
Box 2	The New Suspension Bridge, undated
Box 2	New Suspension Bridge -- Niagara Falls, undated
Box 2	New Suspension Bridge -- Niagara -- 1268 feet long, undated
Box 2	New Suspension Bridge. Looking toward Canada, undated
Box 2	Suspension bridge, Niagara, undated
Box 2	New Susp. Bridge looking toward Canada, Niagara Falls, 1887
Box 2	Suspension bridge, Niagara Falls, undated
Box 2	New susp. Bridge, Niagara, undated
Box 2	Niagara, new suspension bridge from top of tower, undated
Box 2	New suspension Bridge, Niagara, undated
Box 2	Niagara -- new suspension bridge from observation tower, undated

Subseries 1.13: Bridges, Suspension, Williamsburg, 1903-1905, undated

Box 3	New bridge over the East River in course of construction, New York, New York, undated
Box 3	Largest suspension bridge in the world -- new Williamsburg Bridge, East River, New York, 1905
Box 3	The great new East River Bridge. New York, 1905
Box 3	Brooklyn Bridge no. 2 over East River, New York, 1904
Box 3	New steel tower Bridge (1 1/3 mile long, 1600 feet between piers) -- from Manhattan E. to Brooklyn, New York, 1904
Box 3	Williamsburg Bridge, New York City, 1903
Box 3	View of Williamsburg Bridge, undated

Subseries 1.14: Bridges, Viaducts -- Metal and Timber, 1875, 1879, 1909, undated

Box 3	Passage over the Alleghanies to the Central West, undated
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Box 3	Baltimore and Ohio Railroad Cheat River Viaduct, undated
Box 3	Great Iron Tressel Bridge, Cheat River, undated
Box 3	Alleghanian Pass, Cheat River, Baltimore and Ohio Railroad, undated
Box 3	Trestle and Truss Bridge, Clipper Ravine, near view, undated
Box 3	Frankenstein trestle and cliff, Pennsylvania and Ohio Railroad, Crawford Notch, White Mountains, undated
Box 3	Frankenstein trestle and cliff, Pennsylvania and Ohio Railroad, Crawford Notch. New Hampshire, undated
Box 3	Bridge over Frankenstein Trestle, New Hampshire, undated
Box 3	Frankenstene Trestle, Crawford Notch, undated
Box 3	Frankenstein trestle and cliff, Pennsylvania and Ohio Railroad, Crawford Notch. New Hampshire, undated
Box 3	Frankenstein Trestle work, undated
Box 3	Great Loop of the Silver Plume, Colorado, undated
Box 3	Nature's wondrous gorge spanned by man's ingenuity, Georgetown, Colorado, undated
Box 3	The Great Kinzua Bridge, near Alton, Pennsylvania. Views showing different degrees of construction, undated
Box 3	The Great Kinzua Bridge, near Alton, Pennsylvania. Highest bridge in the world., undated
Box 3	Kinzua Bridge, highest in the world, 301 feet, undated
Box 3	The Great Kinzua Bridge, near Alton, Pennsylvania. Highest bridge in the world., undated
Box 3	Kinzua Bridge, Alton, Pennsylvania, undated
Box 3	Kinzua Viaduct under construction, 1885
Box 3	Kinzua bridge, undated
Box 3	Kinzua viaduct, undated
Box 3	Kinzua viaduct, undated

Box 3	Kinzua viaduct, undated
Box 3	Kinzua viaduct, undated
Box 3	Kinzua viaduct, Erie Railroad, Pennsylvania, undated
Box 3	Lake Superior and Mississippi Railroad, undated
Box 3	Long Ravine Bridge, Central Pacific Railroad, California, undated
Box 3	Lyon Brook Bridge, Chenago County, New York, seen from East, undated
Box 3	Lyon Bridge Trestle, undated
Box 3	Looking across top of Railroad Bridge, Portage, New York, undated
Box 3	Portage Railroad Bridge, from Pic Nic Grove, undated
Box 3	Portage Bridge, interior view, undated
Box 3	Railroad Bridge from Picnic Grounds, undated
Box 3	Portage Bridge, Portage, New York, from east bank, undated
Box 3	Portage Railroad Bridge -- (234 feet high, 800 feet long), undated
Box 3	Railroad Bridge, Portage, New York, undated
Box 3	View of Railroad through the timbers, undated
Box 3	Railroad Bridge, Portage, New York, undated
Box 3	Portage Railway Bridge -- height, 230 feet, undated
Box 3	Portage Bridge and Falls. On the line of the Erie Railway, undated
Box 3	Portage Railroad Bridge, 240 feet high and First Fall of Genesee, 70 feet high, New York, undated
Box 3	New Portage Bridge and Falls. On the line of the Erie Railway, undated
Box 3	Iron Railroad Bridge Portage, New York, 1875
Box 3	Bridge on the St. Louis River, undated
Box 3	Tunnel near William's, Atlantic and Pacific Railroad, Arizona, undated
Box 3	Unidentified bridge, undated

Box 3	Unidentified bridge, undated
Box 3	The railroad, 'tis like life, undated
Box 3	Unidentified bridge, undated
Box 3	Unidentified bridge, undated
Box 3	Watkins Glen Viaduct, Watkins Glen, undated
Box 3	Suspension Bridge, Watkins Glen, undated
Box 3	Iron Railroad Bridge over Watkins Glen, SG&C Railroad, 1879-08-25
Box 3	West Virginia Railroad Bridge looking down the creek, Rosendale, New York, undated
Box 3	West Virginia Railroad Bridge, Rosendale, New York, undated

Subseries 1.15: Buildings and Construction, 1909, undated

Box 3	Building steel frame for skyscraper, undated
Box 3	Fabyan House White Mountains, Carroll, New Hampshire, undated
Box 3	"Flat Iron" building, Fifth Avenue and Broadway, New York, New York, undated
Box 3	Gasometer (largest dome in the world), Providence, Rhode Island, undated
Box 3	Hudson Terminals Building from Trinity Building, 1909
Box 3	A Louisiana lumber camp, undated
Box 3	Steel girder arriving at 29th floor of Metropolitan Tower of New York, undated
Box 3	Building a skyscraper, placing steel beams, Metropolitan Tower, New York City, undated
Box 3	Old and New City Halls and World Building from City Hill Park, New York City, undated
Box 3	Setting immense uprights in place for a steel bridge, New York City, undated
Box 3	Singer Tower and City Investment Building, 1909
Box 3	Temple Foundation and Tabernacle, Salt Lake City, Utah, undated

Box 3	Washington Monument, Washington, DC, undated
Box 3	Washington Monument, Washington, DC, undated
	Canals, 1849, 1863, undated
Box 3	Canal view, Cincinnati, undated
Box 3	Ohio Canal at Paw Paw, 1863-07-24
Box 3	Aqueduct Bridge, Georgetown, undated
Box 3	Aqueduct over Tonoloway Creek near Hancock, Maryland, 1863-07-22
Box 3	Coal chutes, Mauch, undated
Box 3	The Delaware and Hudson Canal at the narrows on the Lackawaxen, Pennsylvania, undated
Box 3	Aqueduct of the Delaware and Hudson Canal, over Rondout Creek, Pennsylvania, 1849
Box 3	Erie Canal -- one of the greatest interior waterways. Buffalo, New York, undated
Box 3	Mouth of Erie Canal, Buffalo, New York, undated
Box 3	Mouth of Erie Canal, Buffalo, New York, undated
Box 3	General view Portage Glen looking up on the line of the Erie Railway, undated
Box 3	Little Falls from Lover's Leap, New York, undated
Box 3	Aqueduct over the Mohawk, New York, undated
Box 3	Tunnel aqueduct, West Pennsylvania, undated
Box 3	Ste. Marie Ship Canal, Lake Superior, undated
Box 3	Ste. Marie Ship Canal, The Gates, Lake Superior, undated
Box 3	Whaleback freighters of ore and grain in canal, Sault Ste. Marie, Michigan, undated
Box 3	Large iron ore boat coming into Sabin Locks, Sault Ste. Marie, Michigan, undated
Box 3	Greatest canal traffic in the world -- busy scene in the ship canal, Sault Ste. Marie, Michigan, undated

Box 3	Steam shovel excavating a trench for a canal. Lindsay, California, undated
Box 3	View on the Canal, Mauch Chunk, Pennsylvania, undated
Box 3	View on the Canal, Mauch Chunk, Pennsylvania, undated
Box 3	Switzerland of America, Mauch Chunk, Pennsylvania, undated
Box 3	View on the Pennsylvania Canal from Rockwell's Station on the Pennsylvania Railroad looking west, undated
Box 3	Whaleback freighters of ore and grain in canal, Sault Ste. Marie, Michigan, undated
	Coal Breakers, undated
Box 3	Coal shutes, Buck Ridge Breaker, undated
Box 3	Front of Buck Ridge Breaker, undated
Box 3	Coal breaker and shaft, undated
Box 3	Coal breaker, undated
Box 3	Hickory Swamp breaker, undated
	Coal and Coke Production, 1905, 1907-1908, undated
Box 3	Coal mine opening, undated
Box 3	Coal works at Braddocks, undated
Box 3	Coke ovens and dinkey train. Walston, Pennsylvania, undated
Box 3	Coke ovens near Altoona, Pennsylvania -- filling with soft coal from overhead open-log and sealing doors., 1908
Box 3	Hauling out the oars of coal by electric motor. Anthracite Mines, Pennsylvania, undated
Box 3	In the tunnel of a coal mine, Pittsburgh, Pennsylvania, 1907
Box 3	On the slope to the mine -- empty oars returning to be filled. Anthracite Mines, Pennsylvania, undated
Box 3	Shaft House, Anthracite Coal Mining. Scranton, Pennsylvania, 1905

Subseries 1.16: Docks and Piers, 1905-1906, undated

Box 3	A Great Lakes freighter laden with ore coming into the Harbor. Conneaut, Ohio, 1905
Box 3	Electric unloader lifting 5 tons of iron ore from vessel's hold to docks. Cleveland, Ohio, undated
Box 3	Great Hoists, Huhglett, and Brown Electric at work unloading vessels. Conneaut, Ohio, 1905
Box 3	Hydraulic clam reaching into hold of a lake vessel for a 10-ton load of iron ore, Cleveland, Ohio, 1906
Box 3	Loading a freight barge., undated
Box 3	Looking between ore docks no. 2 and no. 3, Two Harbors, Minnesota, 1906
Box 3	Overlooking the ore docks, Two Harbors, Minnesota, 1906
Box 3	Pockets of iron ore (160 tons each), on long dock ready for shipment, Escanaba, Michigan, undated
Box 3	View on the ore dock at Escanaba, Michigan, undated
Box 3	Unloading an ore-steamer at Cleveland, Ohio. Lowering a 5-ton electric clam into the hold., undated
Box 3	Unloading iron ore at Port of Cleveland, Ohio, the heaviest handler of ore in the world., undated
Box 3	The largest derrick in the world. Cramp's Ship Yards, Philadelphia, Pennsylvania, undated
Box 3	Unloading iron ore from lake vessels -- old and new methods -- Cleveland, Ohio, undated

Subseries 1.17: Factories and Commercial Buildings (Exterior Views), undated

Box 3	Ames Plow Factory, Massachusetts, undated
Box 3	The Celebrated Brandywine Flour Mills, Delaware, undated
Box 3	Views of Poughkeepsie, New York, undated
Box 3	Granite Bridge, Main Street, undated
Box 3	Cutlery Works at Turners Falls, Massachusetts, undated

Box 3	General view Dupont's Powder Mills. Brandywine Creek, Delaware, undated
Box 3	P. Derby's Chair Factory. Gardner, Massachusetts, undated
Box 3	Finishing Mill, Dupont's Powder Works. Brandywine Creek, Delaware, undated
Box 3	Wood products factory, undated
Box 3	Greenwood's Chair Factory. South Gardner, Massachusetts, undated
Box 3	Greenwood's Chair Factory. South Gardner, Massachusetts, undated
Box 3	Heywood's Factories No. 2. Gardner, Massachusetts, undated
Box 3	Howe's Sewing Machine Factory at East Bridgeport., undated
Box 3	Lawrenceville Cement Works, undated
Box 3	A Merriam's Chair Shop. West Gardner, Massachusetts, undated
Box 3	National Button Co.'s Mill, Easthampton, Massachusetts, undated
Box 3	View at Peekskill, Hudson River, New York, undated
Box 3	Nichols and Langworthy's Machine Shop, Hope Valley, Rhode Island, undated
Box 3	S.K. Pierce's Chair Factory, undated
Box 3	A Saw Factory, Philadelphia, Pennsylvania, undated
Box 3	Spaulding Brothers' Mill, Townsend Harbor, Massachusetts, undated
Box 3	Shoe Factory, undated
Box 3	Slater Mill, first cotton mill in United States, Pawtucket, Rhode Island, undated
Box 3	Springfield Arsenal, Massachusetts, undated
Box 3	U.S. Armory, Springfield, Massachusetts, undated
Box 3	U.S. Water Shops, Stone Bridge, undated
Box 3	Washburn and Moen Wireworks, Worcester, Massachusetts, undated
Box 3	Wichendon Water Co.'s Factory, Wichendon, Massachusetts, undated
Box 3	Wright and Moore's Chair Factory, Gardner, Massachusetts, undated

Subseries 1.18: Factories and Commercial Buildings (Workers and Interior Views), undated

Box 3	Assembling room -- chassis ready for engines -- automobile plant, Detroit, Michigan, undated
Box 3	The Blacksmith's Shop -- "And he owes not any man", undated
Box 3	Breech Mechanism Department (Navy Yard) Washington, DC, undated
Box 3	In a Connecticut jewelry factory, undated
Box 3	Employees leaving the Ford Motor Company factory at Detroit, Michigan, undated
Box 3	Employees leaving the Ford Motor Company factory at Detroit, Michigan, undated
Box 4	Experts testing motors in an automobile plant, Detroit, Michigan, 1860s, undated
Box 4	Engine room at mechanics mill, Fall River, Massachusetts, undated
Box 4	Engine room, undated
Box 4	Folding Room. American Print Works, Fall River, Massachusetts, undated
Box 4	Interior of the Scythe Shop, Littleton, New Hampshire, undated
Box 4	Multitasking great guns for Uncle Sam's Navy, gun factory. Washington, DC, undated
Box 4	Operatives on "uppers" In stitching room of a shoe factory, undated
Box 4	Office in Cumberland, Massachusetts, 1860s
Box 4	Office in Cumberland, Massachusetts, 1860s
Box 4	Shoes in making: stitching the sole. Rochester, New York, undated
Box 4	Putnam Machine Company's Shop, Pitchburg, Massachusetts, undated
Box 4	Putting on last ply of machine made tire, undated
Box 4	Samson's Shoe Factory, North Adams, Massachusetts, undated
Box 4	Setting type on one hundred monotype machines. Bureau of Printing and Engraving, Washington, DC, undated

Box 4	A shoe factory at Lynn, Massachusetts, undated
Box 4	Shoes in making: stitching the sole, Rochester, New York, undated
Box 4	Workman eating noon lunch in the shop, undated
Box 4	In a great spinning room (104,000 spindles). Olympian Mills, Columbia, South Carolina, undated

Subseries 1.19: Hydraulic Engineering (Dams), 1869, undated

Box 4	Amoskeag Dam, Manchester, New Hampshire, undated
Box 4	Dam on the Deerfield -- Built by the State at an expense of \$20,000 to furnish power to drive the machinery at the Tunnel. Hoosac, Massachusetts., undated
Box 4	Great dik eon the Mississippi. Near New Orleans, Louisiana, undated
Box 4	Holyoke Falls from Gate House. Massachusetts, undated
Box 4	Headgate House and dams, Holyoke, Massachusetts, undated
Box 4	Unidentified dam in Massachusetts, undated
Box 4	Holyoke Dam and Mount Dam, Massachusetts, undated
Box 4	Holyoke Dam during great freshet of 1869. Holyoke, Massachusetts, 1869-04
Box 4	Millers River, Winchester, Massachusetts, undated
Box 4	Power Dam, Keokuk, Iowa, undated
Box 4	Power Dam, Keokuk, Iowa, undated
Box 4	Gigantic piece of engineering -- Power Dam locks in Mississippi River between Keokuk, Iowa, and Hamilton, Illinois, undated
Box 4	Race Overflow, Rockville, Rhode Island., undated
Box 4	Reclaiming vast areas by irrigation -- The Great Roosevelt Dam, near Phoenix, Arizona, undated
Box 4	Reclaiming vast areas by irrigation -- The Great Roosevelt Dam, near Phoenix, Arizona, undated
Box 4	View at Wincheck Dam, Rhode Island, undated
Box 4	View from West Pitch. Lewiston, Maine, undated

Box 4	Wilson dam, Muscle Shoals, Alabama, undated
Box 4	Wilson dam, Muscle Shoals, Alabama, undated
Box 4	Wilson dam, Muscle Shoals, Alabama, undated
Box 4	Wyoming Mill Dam, Wyoming, Rhode Island, undated
Box 4	Wyoming Mill Dam, Wyoming, Rhode Island, undated

Subseries 1.20: Hydraulic Engineering (Waterworks), 1876, undated

Box 4	Steam pump engine by Birdsall Holly, Lockport, New York, undated
Box 4	Boston Water Works -- aqueduct construction, 1876
Box 4	Fairmount Park from the Water Works, Philadelphia, undated
Box 4	Pavillion at Fairmount Park, Philadelphia, Pennsylvania, undated
Box 4	The Schuylkill Water Works, Philadelphia, Pennsylvania, undated
Box 4	Fairmount Dam, Philadelphia, Pennsylvania, undated
Box 4	Fairmount Park and Water Works, Philadelphia, Pennsylvania, undated
Box 4	Fairmount Park, Philadelphia, undated
Box 4	Fairmount Park, Philadelphia, undated
Box 4	Fairmount Park Water Works, Philadelphia, undated
Box 4	The Pumps, Fairmount Water Works, Philadelphia, undated
Box 4	North Side Water Works, undated
Box 4	Chicago Water Works, undated
Box 4	Chicago Water Works, undated
Box 4	Pettaconsett Pumping Station, Cranston, Rhode Island, undated
Box 4	Pumping station, Providence Water Works, Rhode Island, undated
Box 4	Spring Garden Water Works, Pennsylvania, undated
Box 4	Fairmount Park, Centennial Water Works, Philadelphia, undated

Subseries 1.21: Hydraulic Engineering (Falls), 1872, 1877, 1879, undated

Box 4	Birmingham Falls, undated
Box 4	Building "apron" for protection of Falls of St. Anthony, undated
Box 4	Unidentified falls in Lawrence, Massachusetts, undated
Box 4	The Genesee Falls at Rochester, New York, undated
Box 4	Genesee Falls from below, undated
Box 4	Genesee High Falls and railroad bridge, undated
Box 4	Genesee Lower Falls, 1872-07-12
Box 4	Genesee Lower Falls and River Bed, Rochester, New York, undated
Box 4	Geyser Falls, undated
Box 4	Goodrich falls, Bartlett, New Hampshire, undated
Box 4	Genesee High Falls, undated
Box 4	Birmingham Horse Shoe Falls, New York, undated
Box 4	Genesee Lower Falls from East Bank, undated
Box 4	Passaic Falls, Patterson, New Jersey, undated
Box 4	Passaic Falls, Patterson, New Jersey, 1877-12-29
Box 4	Passaic Falls and bridge, Paterson, New Jersey, undated
Box 4	Paterson Falls, New Jersey, undated
Box 4	St. Anthony's Falls, undated
Box 4	At St. Anthony Falls, Minneapolis, 1879-08
Box 4	St. Anthony's Falls, Minneapolis, undated
Box 4	St. Anthony Falls, undated
Box 4	Turners Falls, Massachusetts, Connecticut River, undated
Box 4	Falls of St. Anthony, undated
Box 4	Falls of St. Anthony and the Great Flour Mills, Minneapolis, undated

Box 4	Turners Falls, Connecticut River, Massachusetts, undated
Box 4	Under the Falls South Side, Lawrence, Massachusetts, undated
Box 4	Upper Falls of the Genesee, Rochester, New York, undated
Box Unknown	Gas and Oil
Box 4	A spectacular conflagration raging in a great oil field, undated
Box 4	City of tanks at Olean, undated
Box 4	West side of Triumph Hill near Tidioute, Pennsylvania, undated
Box 4	Drilling well at Coleville, undated
Box 4	Operating oil wells in the Pacific, showing master-power distributor, Summerland, California, undated
Box 4	Refining oil. The agitator, or treating tank, undated
Box 4	Refining oil. The bleaching tanks., undated
Box 4	Refining oil., undated
Box 4	River below from Vin. Place Bridge, undated
Box 4	Workers in unidentified Pennsylvania oil camp, undated

Subseries 1.22: Grain Elevators, 1868, 1876, 1894, 1904, undated

Box 4	Birdseye view from Shot Tower Northwest, Chicago, Illinois, undated
Box 4	C.B.& Q. Elevators -- Sixteenth Street, Chicago, 1876
Box 4	Grain elevator, Fort William, Lake Superior, one outlet for Manitoba wheat, undated
Box 4	Unidentified elevator in Chicago, undated
Box 4	Elevator in Milwaukee, Wisconsin, undated
Box 4	Wheat elevators at Fort Worth, Texas, undated
Box 4	Loading a great whaleback ship at the famous grain elevators of Chicago, Illinois, undated

Heavy Machinery

Box 4	A 4,000 horse power engine, undated
Box 4	"Bullock" generator (3,500 kilowatts) and "Allis-Chalmers" 5,000 horsepower engine, World's Fair, St. Louis, U.S.A., 1904
Box 4	Chicago Water Works, undated
Box 4	Interior water works, showing engines, Chicago, 1868
Box 4	Chicago water works, undated
Box 4	Corliss engine, 1876
Box 4	Coriliss engine, machine hall, 1876
Box 4	Dynamos 5,000 horse power. 25 revolutions per second. Niagara Falls Power Company, undated
Box 4	Fifteen large generators in a row, supplied by power from the Great Dam at Keokuk, Iowa, undated
Box 4	Fifteen large generators in a row, supplied by power from the Great Dam at Keokuk, Iowa, undated
Box 4	Interior of great power house (50,000 horse power). Niagara Falls, New York, 1901
Box 4	The great thunder and lightning makers, Machinery Building, World's Columbian Exposition, 1894
Box 4	The great thunder and lightning makers, Machinery Building, World's Columbian Exposition, 1894
Box 4	Interior of Pumping Room A, Providence, Rhode Island, undated
Box 4	North Side Water Works, Chicago, Illinois, undated
Box 4	North Side Water Works, Chicago, Illinois, undated

Subseries 1.23: Horseshoe Curve, 1882, undated

Box 4	Horse Shoe Curve, undated
Box 4	Horse shoe curve above Altoona, undated
Box 4	Horse shoe, looking west, undated

Box 4	Looking across, horse shoe bend, 1882
Box 4	Looking up from Prospect Rock, Mauch Chunk, undated
Box 4	Mauch Chunk from Mountain Road, undated
Box 4	Railroad bridge, Mauch Chunk, undated
Box 4	View north, Mauch Chunk, undated

Subseries 1.24: Inclined Plane, undated

Box 4	Mount Pisgah Plane; length 2,341, height 664 feet, undated
Box 4	Mount Pisgah Inclined Plane, 2324 feet long, 462 high, undated
Box 4	Mount Pisgah Plane; length 2,341, height 664 feet, undated
Box 4	Looking down Mount Pisgah Plane, undated

Subseries 1.25: Iron and Steel Production, 1905, 1907, undated

Box 4	An aerial view of the world's greatest industrial plant, undated
Box 4	Pennsylvania furnace, undated
Box 4	Breaking up the bed, blast furnace, Pittsburgh, Pennsylvania, U.S.A., 1905
Box 4	Dropping pigs from moulds into cooling bath section of pig machine, undated
Box 4	Foundry and machine shops, Massachusetts, undated
Box 4	Unidentified metal workers, undated
Box 4	In an immense stockyard of steel rattle, showing great magnets transferring rails, undated
Box 4	Making the moulds for pig iron, blast furnace, Pittsburgh, Pennsylvania, 1905
Box 4	Massive mixer pouring molten iron into ladle to open hearth furnace, undated
Box 4	Modern pig iron machine at rest. Pittsburgh, Pennsylvania, undated
Box 4	Plant of the Blast Furnace, Pittsburgh, Pennsylvania, U.S.A., 1905
Box 4	The blast furnace and rolling mills of the Homestead Street Works., 1907

Box 4 100-ton capacity ladle of liquid steel from open hearth furnace pouring into moulds, undated

Box 4 Steel works, famous source of gigantic fortunes. Homestead, Pennsylvania, undated

Subseries 1.26: Lighthouses, 1894, undated

Box 4 Bear Island light house, Mount Desert, Maine, undated

Box 4 Unidentified lighthouse, undated

Box 4 Lighthouse in Nantucket, undated

Box 4 The Great Light House Lens mounted for work, Machinery Building, World's Columbian Exposition, 1894

Box 4 Unidentified lighthouse, undated

Subseries 1.27: Mining, 1902, 1905, undated

Box 4 Among the copper mines, Franklin Tram Road, undated

Box 4 Among the mines on Carbonate Hill, Leadville, Colorado, undated

Box 4 Seeking the yellow metal along Anvil Creek, Nome District, Alaska, 1902

Box 4 Silver Islet Mines --- Lake Superior., undated

Box 4 Steam shovel at work, Burt Mine, Mesabi Range, Minnesota, 1905

Box 4 Steam shovel at work, showing how track is laid, Burt Mine, Mesabi Range, Minnesota, undated

Box 4 Webb Shaft House, Mesabi Range, Minnesota, 1905

Subseries 1.28: Minting, undated

Box 5 Coining presses, government mint, Philadelphia, Pennsylvania, undated

Box 5 Philadelphia mint coining room, undated

Box 5 Philadelphia, mint smelting room, undated

Box 5 Copper smelter and mines, undated

Subseries 1.29: Miscellaneous, 1894, 1902, 1905, undated

Box 5	Silver Springs Run, Florida. Agnew's Turpentine Establishment. The Still., undated
Box 5	Copper rolling mill, undated
Box 5	Workers at lunch. Philadelphia, New Jersey, undated
Box 5	End of a lumber flume at the lumber yard on the railroad. Oregon, 1905
Box 5	Ending a life of centuries -- a giant tree falling -- logging among the big trees. Converse Basin, California, 1902
Box 5	Entrance to Fairmount Park, Philadelphia, undated
Box 5	Great chained log rafts on the Columbia River, Washington, undated
Box 5	Unidentified logging camp, undated
Box 5	Modern rotary machine digging a trench in a steet, undated
Box 5	Polling logs in McCloud River Lumber Company's Mill Pond -- looking toward magnificent Mount Shasta (14,442 feet), California., 1902
Box 5	Scraping the hair from the hides roughly by machinery -- tanning industry -- Canada, undated
Box 5	Stupendous log raft, containing millions of feet -- a camp's year's work, profit \$20,000 -- Columbia River, Oregon, 1902
Box 5	The largest wheel that ever revolved, World's Columbian Exposition, 1894
Box 5	View at Rondout, undated
Box 5	View from the residence of A.G. Nichols, Hope Valley, undated
Box 5	Harvesting Indian River Pineapples, a Native American fruit, in Florida, undated

Subseries 1.30: Panama Canal, 1904-1916, undated

Box 5	American steam shovel, delivering its lead to the car, Culebra, Panama Canal, 1907
Box 5	An unfinished cut on the line of the great Canal -- looking northwest at Obispo, Panama, 1904

Box 5	An unfinished cut on the line of the great Canal -- looking northwest at Obispo, Panama, 1904
Box 5	Approach wall, Gatun Lake, and mechanism for towing boats through the locks, Panama, undated
Box 5	Bas Obispo Cut, showing battery of rock drills at work -- Panama Canal Route, 1913
Box 5	Busy scene on the Panama Canal -- looking south over Gatun Locks and Gatun Lake Emergency Dam in position, undated
Box 5	Culebra Cut, looking east (Canal will be 85 feet deeper at this point), 1909-09
Box 5	Culebra Cut, looking north -- the deepest excavation along the Panama Canal, 1907
Box 5	Dredges clearing the channel in Gaillard Cut, 1916
Box 5	East Center and West Walls of Upper Lock under construction, conveying concrete by chutes; Miraflores Locks, Panama Canal, 1912
Box 5	East Center and West Walls of Upper Lock under construction, conveying concrete by chutes; Miraflores Locks, Panama Canal, 1912
Box 5	Excavations measuring 500 feet deep in Gaillard Cut, Panama, undated
Box 5	Excavations measuring 500 feet deep in Gaillard Cut, Panama, undated
Box 5	Excavations measuring 500 feet deep in Gaillard Cut, Panama, undated
Box 5	Extreme north end of lower lock showing immense steel monolith forms on tracks, used in construction work; Gatun, Panama Canal, 1912
Box 5	Gatun Lake and south end of Gatun Locks, Panama Canal, 1913
Box 5	Helping to solve the great canal problem -- drilling, blasting and shoveling through the rock at Paraiso, Panama Canal Zone, 1907
Box 5	Hydraulic dredges at work near Gatun, Panama Canal, 1913
Box 5	Immense government dry dock under construction at Balboa, Canal Zone, 1915
Box 5	Installing 2500 horse power turbines at Gatun Lake Spillway, Panama Canal, 1913
Box 5	Laborers rafting spiles for Cofferdams, Balboa, Canal Zone, 1913

Box 5	Looking north through the great Cut from Contractor's Hill, village of Culebra on left, Panama Canal, 1907
Box 5	North over Gatun Locks and sea level entrance to Panama Canal, Atlantic Ocean in the distance, undated
Box 5	Ships passing through the Panama Canal, Pedro Miguel Locks, undated
Box 5	Side view of emergency dam, Gatun, Panama Canal, 1909
Box 5	Site of the Gatun Lock, looking south from the lowest lock towards Lake Gatun -- Panama Canal Route, undated
Box 5	Site of the Gatun Lock, looking south from the lowest lock towards Lake Gatun -- Panama Canal Route, undated
Box 5	The "angle" of the Canal Route at Empire, looking toward the Atlantic -- Panama Canal Zone, 1909
Box 5	Towers for handling concrete at Gatun Locks, Panama Canal Zone, 1910
Box 5	View from Cofferdam showing lower, middle, and upper locks at Gatun, Panama Canal, 1912
Box 5	View from top of construction trestle, showing 58-foot gate; Pedro Miguel Locks, Panama Canal, 1912
Box 5	Where ships will sail through a mountain -- famous Culebra Cut finished depth 330 feet, Panama Canal., 1904
Box 5	13,000 miles reduced to 47, -- Culebra, the deepest cut of the Panama Canal, near Pacific end, 1904

Subseries 1.31: Quarrying, undated

Box 5	Crude marble blocks ready for sawing, Proctor, Vermont, 1909
Box 5	Drilling by compressed air in lime quarry, Rockland, Maine, undated
Box 5	Drilling marble by an electric drill or "gadder" in a modernly equipped quarry, undated
Box 5	Drilling with compressed air drill. Granite Railroad Quarries, Quincy, Maine, undated
Box 5	Genesee Valley Stone Quarry near Rochester, New York, undated
Box 5	Granite quarries, Rattlesnake Hill, undated

Box 5	Granite quarry, Concord, New Hampshire, U.S.A. -- lifting great blocks of stone, undated
Box 5	How marble slabs are made in great sawing machine which cuts one inch per hour, undated
Box 5	Marble quarry in Vermont, near Proctor -- largest single quarry opening, undated
Box 5	Marble quarry in Vermont, near Proctor -- largest single quarry opening, undated
Box 5	Quarry in Westerly, Pennsylvania, undated
Box 5	Slate quarry, Littleton, New Hampshire, undated
Box 5	Slate quarry, Mayfield, Maine, undated
Box 5	Stone block on car, undated
Box 5	Granite quarry, Cape Town, Massachusetts, undated
Box 5	Surfacing granite blocks by machinery, undated
Box 5	The Quarries, Pigeon Cove, undated
Box 5	Underground marble quarry, West Rutland, Vermont, steam drills in operation, undated
Box 5	Workman with hammer and chisel rough-surfacing granite, undated

Subseries 1.32: Railroad Stations, undated

Box 5	Arcade of Depot, Saratoga Springs, New York, undated
Box 5	Boston - Maine Railroad Depot, Boston, undated
Box 5	Centennial Depot, Philadelphia, Pennsylvania, undated
Box 5	Cold Spring Station, undated
Box 5	Eastern Lovell Hitching Depot, undated
Box 5	Rail Road Station -- Fairmount Park, undated
Box 5	Grand Central Depot, New York City, undated
Box 5	Grand Central Depot, New York City, undated

Box 5	Grand Central Depot, New York City, undated
Box 5	Interior of Grand Central Depot, New York City, undated
Box 5	Grand Central Depot Train Room, New York, undated
Box 5	Grand Central Depot, 42nd st. and 4th Ave, New York, undated
Box 5	Main St., Dwight St., and Depot, from Depot Hill, Holyoke, Massachusetts, undated
Box 5	P&R Station, 1860s
Box 5	Salem Depot and Washington Street, undated
Box 5	Thomas Tefft's Railroad Station, Providence, Rhode Island, undated
Box 5	Turners Station, Erie Railway, undated
Box 5	Union Depot, Denver, Colorado, undated
Box 5	Union Railroad Depot, Chicago, undated
Box 5	Union Station and Chicago River, Chicago, undated
Box 5	West Point Railroad Station, undated

Subseries 1.33: Tunnels, undated

Box 5	Tunnel, Baltimore and Ohio Railroad, undated
Box 5	Interior Section of the Chicago Lake Tunnel, undated
Box 5	Allegheny Tunnel, undated
Box 5	Allegheny Tunnel, undated
Box 5	Tunnel through Anthony's Nose, undated
Box 5	Tunnel through Anthony's Nose, undated
Box 5	Blairsville tunnel, undated
Box 5	Carpenter's Tunnel, undated
Box 5	Carr's Tunnel, near Greensburg, undated

Box 5	Clipper Gap Tunnel, Union Pacific Railroad, undated
Box 5	Columbia Tunnel, undated
Box 5	Columbia Tunnel, undated
Box 5	Flat Rock Tunnel, Reading Railroad, length 940 feet, undated
Box 5	Hoosac Tunnel, West Portal, West End, undated
Box 5	Air compressor building viewed from Hoosac Tunnel, undated
Box 5	Professor Mowbray's Nitro-Glycerine Works viewed from Hoosac Tunnel, undated
Box 5	Light at end of Hoosac Tunnel, undated
Box 5	East end of Hoosac Tunnel, near view, undated
Box 5	East end of Hoosac Tunnel, miners going in, undated
Box 5	Birds-eye view of Eastern Portal, Hoosac Tunnel, undated
Box 5	General view of Central Shaft Building, Hoosac Tunnel, undated
Box 5	West shaft of Hoosac Tunnel, 318 feet deep; showing Machine Shop, Shaft Engine House, and coal sheds, undated
Box 5	West shaft of Hoosac Tunnel, 318 feet deep; showing Machine Shop, Shaft Engine House, and coal sheds, undated
Box 5	Eastern Portal Hoosac Tunnel, undated
Box 5	East entrance of Hoosac Tunnel, looking in, undated
Box 5	Unidentified tunnel (possibly Hoosac), undated
Box 5	General view at Hoosac Tunnel, undated
Box 5	Miners in Hoosac Tunnel, undated
Box 5	West entrance of Arch, looking out, Hoosac Tunnel, undated
Box 5	West entrance of Arch, Hoosac Tunnel, undated
Box 5	West entrance of Arch, Hoosac Tunnel, undated
Box 5	Hoosac Tunnel, West End, undated

Box 5	Hoosac Tunnel, West Portal and Mountain, undated
Box 5	Hoosac Tunnel, East End, undated
Box 5	East end of Hoosac Tunnel, near view, undated
Box 5	West end of Hoosac Tunnel, showing the Brick Arch. The distance from the mouth of this Arch to the heading is now about 4500 feet., undated
Box 5	Hoosac Tunnel. The large building in the foreground contains the machinery which drives the drills over one mile from that point in the bowels of mother earth. Also Engineer Ellis' House, Office, etc., undated
Box 5	West End of Hoosac Tunnel, undated
Box 5	General view of the Central Shaft, Hoosac Tunnel, undated
Box 5	Professor Mowbray's Nitro-Glycerine Works viewed from Hoosac Tunnel, undated
Box 5	Machinery for Compression Air Central Shaft, Hoosac Tunnel, undated
Box 5	Miners exiting from Hoosac Tunnel, undated
Box 5	West End, Hoosac Tunnel, undated
Box 5	Hudson River Railroad and Flat Rock Tunnel, Iona, undated
Box 5	Tunnel on Hudson River Railroad, looking north, undated
Box 5	View on Hudson River Railroad, undated
Box 5	Masonry at upper section Leland Server, 1878-07-30
Box 5	Tunnel Lowell Waterways, undated
Box 5	Unidentified tunnel in Lowell, Massachusetts, undated
Box 5	Looking through tunnel on Western North Carolina Railroad, undated
Box 5	In one of the New York City Subway's largest tunnels, undated
Box 5	Tunnel on line of Pennsylvania Central Railroad, undated
Box 5	Hoosac Tunnel -- interior view, undated
Box 5	Hoosac Tunnel, ruins of central shaft, 1867-10-19

Box 5	Steam shovel working in Pennsylvania Railroad Tunnel under Hudson River, New York, undated
Box 5	Near view of Central Shaft, engineers at work, Hoosac Tunnel, undated
Box 5	Radeburgh Tunnel, Pennsylvania Central Railroad, undated
Box 5	The Scranton Tunnel, Pennsylvania, undated
Box 5	Interior of the snow sheds on the Central Pacific Railroad, undated
Box 5	Spruce Creek Tunnel, Pennsylvania Central Railroad, undated
Box 5	Rain conduit tunnel, Boston waterworks, 1876-10-18
Box 5	Rain conduit tunnel, Boston waterworks, view near Beacon street, 1876-09-13
Box 5	Unidentified tunnel, undated
Box 5	Unidentified mountain tunnel, undated
Box 5	Rain conduit tunnel, Boston waterworks, view near Center street, 1876-09-13
Box 5	Tunnel at Summit Station, undated
Box 5	West End Toltec Tunnel, undated
Box 5	Tunnel no. 2, Union Pacific Railroad, undated
Box 5	Tunnels along the Western North Carolina Railroad, undated
	Foreign - Bridges, Germany
Box 6	Bridge that inspired Eads in designing St. Louis Bridge, Coblenz, Germany, undated
Box 6	Peste Bridge, Mainz, Germany, 1873
Box 6	Great Bridge over the Elbe, Hamburg, Germany, 1894
Box 6	Great Bridge over the Elbe, Hamburg, Germany, 1894
Box 6	Kaiser Bridge, Hamburg, Germany, undated
Box 6	Kaiser Bridge, Hamburg, Germany, undated
Box 6	Kiel ship canal connecting the Baltic and North Seas, Kiel, Germany, undated

Box 6 The Railway Bridge and cathedral from across the Rhine, Cologne, Germany, 1902

Box 6 Bridge across River Rhine, Cologne, Germany, undated

Box 6 Bridge over Upper Fall on the Garr-valt, Braemar, undated

Subseries 1.34: Foreign - Bridges, Great Britain, 1859, 19001-1901, 1905, 1913

Box 6 Albert Bridge, London, undated

Box 6 Clifton Bridge, Bristol, undated

Box 6 Suspension bridge entrance, Leigh Side, undated

Box 6 Conway Castle seen at end of suspension bridge, undated

Box 6 Conway Castle seen at end of suspension bridge, undated

Box 6 Conway Castle bridge, near view, undated

Box 6 Scotland's pride -- the great Forth Bridge and the Highland Kilt, 1900

Box 6 The Great Forth Bridge near Edinburgh, Scotland, undated

Box 6 The Great Forth Bridge near Edinburgh, Scotland, undated

Box 6 The Forth Bridge from the Bluff, Scotland, 1901

Box 6 Looking through the Great Forth Bridge (8,300 feet long), Scotland, 1896

Box 6 Glasgow Bridge, looking north across the Clyde to Jamaica Street, Glasgow, Scotland, 1905

Box 6 Suspension bridge, Kenmare, Ireland, 1913

Box 6 View of the Pass Killiecrankie, Scotland, undated

Box 6 Knaresboro, from the castle hill, undated

Box 6 Lambeth suspension bridge, undated

Box 6 London Bridge, London, England, undated

Box 6 Bangor suspension bridge and Menai Strait, from the road to the bridges, undated

Box 6	The Menai-suspension bridge, from Anglesey, undated
Box 6	The Menai Bridge, North Wales, undated
Box 6	The great suspension bridge (579 feet long) spanning Menai Strait, North Wales, 1900
Box 6	Menai suspension bridge, North Wales, undated
Box 6	Bridge in Saltash, Cornwall, 1859
Box 6	Tower Bridge, London, England, undated
Box 6	Rope bridge, Ireland, undated

Subseries 1.35: Foreign - Bridges, Miscellaneous, 1898, 1900-1902

Box 6	Alexander III Bridge and the Liberal Arts Palace of the Invalide Paris Exposition of 1900, 1901
Box 6	The Great Railway Bridge over the Danube River at Czernavoda, Romania, undated
Box 6	Looking north over the great double roadway Bridge of Dom Luiz I, across the Douro River, Oporto, Portugal, 1902
Box 6	Inspecting a pontoon bridge in the French Section nearing completion, undated, WWI
Box 6	Gokteck Gorge, the old haunt of jungle beasts, with railway 1000 feet overhead in North Burma, undated
Box 6	Brige and barranca in the Los Cumbres, Mexico, undated
Box 6	Hurriedly repairing Modder River Bridge to pass a train with supplies into Kimberley), South Africa, 1900-02-21
Box 6	The great triumph of engineering skill, 25,000GBP per mile, New South Wales railway, undated
Box 6	The great Nile bridge open for passage of freight boats, Cairo, Egypt, undated
Box 6	The Floating Bridge over the Oka, and "the Fair" of Nijni-Novgorod, Russia, 1898
Box 6	East across the Oudehaven with its shipping, its handsome bridges and roomy quays, Rotterdam, Holland, undated

Box 6	Scene above bridge on the Cape to Cairo Railway, over Zambezi River, near Victoria Falls, Africa, undated
Box 6	Bridge of St. Pyrenees, undated
Box 6	Unidentified railway bridge, 1891
Box 6	The Viscaya Bridge across Nervion River and its Flying Ferry a Portugalete, Harbor of Bilbao, Spain, 1902

Subseries 1.36: Foreign - Bridges, Switzerland, undated

Box 6	Bridge over the River Aare at Berne, Switzerland, undated
Box 6	General view of Frisbourg, undated
Box 6	Viaduc de Grandfrey, near Fribourg, undated
Box 6	Bridge in Fribourg, undated
Box 6	Bridge in Interlaken, Bern, Switzerland, undated
Box 6	Napoleon Bridges, Switzerland, undated

Subseries 1.37: Foreign - Canals, 1898, 1902, 1904

Box 6	The ship canal looking east, Isthmus of Corinth, Greece, 1902
Box 6	Suez Canal at Port Said, Egypt, 1898
Box 6	The Suez Canal connecting the Mediterranean and Red Sea, 1904
Box 6	Steamboat climbing the Locks of the Bandak Nordsjo Canal, beside the Vrang Waterfall, Norway, undated
Box 6	The beautiful Sodertelge Canal, part of the Gota system, Sweden, undated

Subseries 1.38: Foreign - Coal Mining, undated

Box 6	Surveying in a coal pit, undated
Box 6	Cabin in a coal pit, undated
Box 6	Winding engine at a colliery, undated
Box 6	Undercutting coal, undated

Box 6 Doors directing ventilation in a coal pit, undated

Subseries 1.39: Foreign - Dams, 1904, 1908

Box 6 Great Nile Dam, at first cataract, Egypt, 1908

Box 6 The great Nile Dam at Assouan, which will rejuvenate Egypt, 1904

Subseries 1.40: Foreign - Docks and Piers, undated

Box 6 Ocean-liners at Albert Docks on the Thames, below the World's Greatest City, London, undated

Box 6 The Coffee Docks, Santos, Brazil, undated

Box 6 Crowds on landing stage, Liverpool, England, undated

Subseries 1.41: Foreign - Eiffel Tower, 1896, 1901, undated

Box 6 Eiffel Tower, highest tower in the world, Paris, France, 1896

Box 6 The Eiffel Tower and the Celestial Globe, Paris Exposition of 1900, 1901

Box 6 Eiffel Tower, 985 feet high, Southeast, across from the Seine from the Trocadero, Paris, 1901

Box 6 The Eiffel Tower and Champs de Mars from the Trocadero Palace, Paris, France, undated

Box 6 The Eiffel Tower and Champs de Mars from the Trocadero Palace, Paris, France, undated

Box 6 The Eiffel Tower from the Palace of the Trocadero, France, 1896

Subseries 1.42: Foreign - Gold Mining, undated

Box 6 South African mining, undated

Box 6 The Stamp Mill, Robinson Mine, Johannesburg, South Africa, undated

Subseries 1.43: Foreign - Lime Kilns, undated

Box 6 Lime kilns at Cordoba, Argentina, undated

Subseries 1.44: Foreign - Miscellaneous Construction, 1897, 1914, undated

Box 6 American Barracks and railroad yards near Bordeaux, from Tower No. 2, undated

Box 6 City Hotel, Paris, France, undated

Box 6 Interior view of the large Iron Sugar Warehouse at Havana, undated

Box 6 L.M.S. Station, Birmingham, England, undated

Box 6 Bird's-eye view of Stockholm, Sweden, 1897

Box 6 Bird's-eye view of Stockholm, Sweden, 1897

Box 6 Building a stone road, Swolver, Lofotoen Islands, 1914

Subseries 1.45: Foreign - Munitions Factory, undated

Box 6 Expert munition makers at work in a British munition factory, undated

Box 6 Making death dealing shells in a British munition factory, undated

Box 6 Piling up shells to fight the Germans. Glimpse in a British munitions factory, undated

Subseries 1.46: Foreign - Tunnels, undated

Box 6 Entrance to the great St. Gotthard Tunnel, Switzerland, undated

Box 6 Railroad view on the Metlac, Mexico, undated

Subseries 1.47: Foreign - Wind and Water Power, undated

Box 6 Industrious peasants with milk cart passing a windmill on a dike road west of Dordrecht, Netherlands, undated

Box 6 Old-fashioned sugar mill driven by the wind, Barbadoes, British West Indies, undated

Box 6 Old-fashioned sugar mill driven by the wind, Barbadoes, British West Indies, undated

Box 6 Water mill at Trefriw, North Wales, undated

Return to Table of Contents