

William Milnor Roberts Papers, 1828-1959

Overview of the Collection

Creator	Roberts, W. Milnor-(William Milnor), 1810-1881
Title	William Milnor Roberts Papers
Dates	1828-1959 1828 1959
Quantity	3.8 linear feet
Collection Number	Collection 783, MtBC, us (collection)
Summary	The William Milnor Roberts Papers consist of autobiographical and biographical sketches, personal and professional correspondence, diaries, travel logs, manuscript reports, printed materials, and photographs all pertaining to Roberts' professional life as an engineer. Places to which the materials relate include Pennsylvania, Montana Territory, and Brazil. Activities of Roberts that are particularly strongly recorded are his surveys of routes for the Northern Pacific Railway from 1869 through the 1870s and his work for the government of Brazil from 1857-1865 and 1879-1881. Photographs include portraits of Roberts and watercolor paintings of Brazil during the 1870s.
Repository	Montana State University Library, Merrill G. Burlingame Special Collections Montana State University-Bozeman Library Merrill G Burlingame Special Collections P.O. Box 173320 Bozeman, MT 59717-3320 Telephone: 406-994-4242 Fax: 406-994-2851 spcoll@www.lib.montana.edu
Access Restrictions	This collection is open for research.
Languages	English
Sponsor	Funding for encoding this finding aid was provided by a grant from the National Endowment for the Humanities

Biographical Note

William Milnor Roberts (1810-1881) was a Pennsylvania-born civil engineer. He began his career in 1825 on the Union Canal of Pennsylvania and by 1830 had gone on to railroad construction work. From 1835 to 1857, Roberts was engaged as chief engineer for various projects in Ohio, Indiana, Pennsylvania, and Canada, serving as chief of one company while, at the same time, consulting for several others. From 1857 to 1865 he was in charge of the building of the Don Pedro Railway in Brazil. After his return to the United States Roberts was engaged on important hydraulic and railroad works, such as the improvement of the Ohio and Mississippi rivers, the construction of the St. Louis Bridge, the water supplies of Pittsburgh and Philadelphia, and construction of a railroad in Nova Scotia. In 1869 he made the reconnaissance for a route to the Northern Pacific Railroad which included the route through Montana. His report published by Jay Cooke served as the basis for financing the construction of the

line to the Pacific coast and he served as chief engineer for the Northern Pacific Railroad from 1870 to 1879. In 1874 President Grant appointed him on a commission of five engineers to examine the mouths of the great delta rivers of Europe in order to recommend treatment of the Mississippi delta. In 1879 Roberts accepted an appointment to direct the improvement of the harbors and rivers of Brazil. He married twice, first to Annie Gibson of Pennsylvania in 1837 with whom he had six children before her death in 1857, and to Adeline DeBeelen of Pittsburgh in 1868 with whom he had four children. He was a member of the American Society of Engineers, the Institution of Civil Engineers, and the American Geographical Society. William Milnor Roberts died of typhoid fever in Soledad, Brazil, July 14, 1881. In 1923 the engineering building on the Montana State College campus was named in his honor.

Content Description

The papers consist of autobiographical and biographical sketches, personal and professional correspondence, diaries, travel logs, manuscript reports, printed materials, and photographs all pertaining to Roberts' professional life as an engineer. Places to which the materials relate include Pennsylvania, Montana Territory, and Brazil. Activities of Roberts that are particularly strongly recorded are his surveys of routes for the Northern Pacific Railway from 1869 through the 1870s and his work for the government of Brazil from 1857-1865 and 1879-1881. Photographs include portraits of Roberts and watercolor paintings of Brazil during the 1870s.

NEW: Scanned images of selected documents are now available in Series 1, 2, 3, 5, 6, and 7. Look for the **bold type** in folder title headings for the links.

Administrative Information

Arrangement

Series 1 Biographical material, 1857-1923

Series 2 Correspondence, 1828-1959

Series 3 Diaries, travel logs, and notes, 1829-1881

Series 4 Credentials and legal documents, 1854-1927

Series 5 Reports, 1862-1881

Series 6 Printed material

Series 7 Photographs, circa 1860-1923

Acquisition Information

Diaries, correspondence, travel notes, and reports created or collected by William Milnor Roberts were willed to Montana State University by Milnor Roberts in April, 1965. Additional papers pertaining to Roberts were donated by the University of Oregon in 1969.

Processing Note

This collection was processed 2010 December 13

Detailed Description of the Collection

Series 1: Biographical material, 1857-1923

Manuscripts, legal documents, notes and clippings pertaining to the life of William Milnor Roberts. Included are: four manuscript autobiographies written by Roberts between 1857 and 1874; biographical essays prepared by his sons, Milnor and Thomas; genealogical notes; legal account of the Roberts estate in 1881; applications for membership in professional societies requiring vita information submitted by Roberts.

Container(s)	Description	Dates
Box/Folder		
1/1	Autobiography	1859
1/2	Autobiography	circa 1866
1/3	Autobiography	circa 1871
1/4	Autobiography	circa 1874
1/5	Autobiographical fragments	
1/6	Biography, no author	1915
1/7	Biography by T. P. Roberts (draft)	1923
1/8	Biography by T. P. Roberts (final)	1923
1/9	Biography, National Cyclopedia of American Biography	1940
1/10	Biography, History of the NPPR by E. W. Smalley	1883
1/11	Reminiscence by W. B. Roberts	1907
1/12	WMR tunnel experience	as of 1857
1/13	WMR engineering biography as submitted to professional societies	
1/14	WMR estate account	1881

Container(s)	Description	Dates
1/15	American Society of Civil Engineers obituary	1881
1/16	Dedication of Roberts Hall, MUS campus	1923
1/17	Genealogy notes	

Series 2: Correspondence, 1828-1959

Professional and letters written or received by William Milnor Roberts or his son, Milnor Roberts. Writers include many people associated with the engineering projects in which Roberts was engaged. Of particular note are: letters written by Roberts to his wife, Adeline, during his 1869 reconnaissance of the Northern Pacific Railroad route through Washington, Idaho, and Montana; a file of letters on engineering matters written to Henry S. Drinker; letters pertaining to Roberts' work in Brazil during both of his visits there. Letterpress copies of Roberts's outgoing correspondence were separated from the volumes prior to their donation to MSU. The damaged volumes, which contain indices to the letters, have been retained with the letters in this series. The letters have been chronologically arranged.

Container(s)	Description	Dates
Box/Folder		
2/1	1828-1860	1828-1860
2/2	1863-1868	1863-1868
2/3		1869
2/4		1870-1871
2/5		1872-1874
2/6		1875
2/7		1876
2/8	Henry S. Drinker letters	1876
2/9		1877
2/10		1878
2/11		1879-1880

Container(s)	Description	Dates
2/12		January 1881- July 1881
2/13		August 1881
2/14		1908-1939
2/15		1949-1959
2/16	Fragments	
2/17	Envelopes	
2/18	Index to letterpress book	1873-1875
2/19	Index to letterpress book	1874-1875
2/20	Index to letterpress book	undated

Series 3: Diaries, travel logs, and notes, 1829-1881

Personal diaries, travel logs and engineering notes compiled by William Milnor Roberts throughout the latter part of his adult life. Some volumes are personal diaries, recording Roberts' daily activities and impressions of people, places, and events. Other logs and notes are more professionally oriented, recording Roberts' observations of landscapes, geographic features, and engineering problems. Occasionally the personal and professional writings overlap, and both were likely used by Roberts to compile his lengthy written reports and essays in Series 4. The journals document Roberts's travels in the western United States (especially the northwest), Europe, and Brazil. Notes in box 5, folders 6-9 are either unidentified or memoranda Roberts recorded from his readings.

Container(s)	Description	Dates
Box/Folder		
3/1	Commonplace Book; Field Book	1829; 1833
3/2	Journal, voyage from Baltimore to Rio De Janeiro	May 31-July 12, 1859
3/3	Journal	June 4-June 16, 1865

Container(s)	Description	Dates
3/4	Journal	June 17-July 22, 1865
3/5	Journal	July 23-September 11, 1865
3/6	Notes from Omaha to San Francisco	June 15-June 25, 1869
3/7	Notes from Sacramento to Chico	June 29, 1869
3/8	Notes from Yreka to Portland	July 1, 1869
3/9	Notes from Portland to Olympia	July 7, 1869
3/10	Notes on Columbia River	July 14, 1869
3/11	Journal from Wallula to Walla Walla	July 16, 1869
3/12	Journal from Lake Pend Oreille and memos	July 20-July 28, 1869
3/13	Journal from Lake Pend Oreille and along Clarke's Fork of the Columbia River	July 30, 1869
3/14	Journal from Lake Pend Oreille and along Clarke's Fork of the Columbia River	August 3, 1869
3/15	Memos of reconnaissance along Clark's Fork of the Columbia in	1869
3/16	Journal beginning with Camp Number 16 on Jack River	August 8, 1869
3/17	Continuation of above	to August 16, 1869
3/18	Journal from Helena to Fort Benton	August 18, 1869
3/19	Journal at Bozeman starting for Virginia City	September 1, 1869
3/20	Notes from Corinne to Omaha	September 1869

Container(s)	Description	Dates
3/21	Diary	January 4, 1871
3/22	Memos of trip from Portland to North of Pumphrey's	March 20, 1871
3/23	Puget Sound journal	May 4, 1871
3/24	Journal of journey across the plains from Portland to Kelton	May 22, 1871
3/25	Continuation of above	May 24, 1871
3/26	Continuation of above	May 27, 1871
3/27	Journal of a reconnaissance from Helena over the Rocky Mountains via 10 Mile and a branch of the Little Blackfoot	August 8, 1871
3/28	Notes from Helena to Blackrock	August 17, 1871
3/29	Journal, Corinne to Ogden	August 21, 1871
4/1	Journal of a reconnaissance from Helena to near Pompey's Pillar in the Yellowstone Valley and Return	October 30- November 4, 1871
4/2	Journal of a reconnaissance from Helena to near Pompey's Pillar in the Yellowstone Valley and Return	November 5- November 7, 1871
4/3	Journal of a reconnaissance from Helena to near Pompey's Pillar in the Yellowstone Valley and Return	November 8- November 11, 1871
4/4	Journal of a reconnaissance from Helena to near Pompey's Pillar in the Yellowstone Valley and Return	November 12- November 20, 1871
4/5	Data on Montana survey	1871
4/6	Rules for Montana survey	1871
4/7	Notes of reconnaissance from Fargo to Edmonton and return	July 6, 1872
4/8	Montreal bridge notes	1872

Container(s)	Description	Dates
4/9	European travel log	August 29- September 9, 1874
4/10	European travel log	September 9- September 16, 1874
4/11	European travel log	September 16- September 26, 1874
4/12	European travel log	September 23- September 30, 1874
4/13	European travel log	September 30- October 6, 1874
4/14	European travel log	October 6- October 12, 1874
4/15	European travel log	October 13- October 19, 1874
4/16	European travel log	October 1925
4/17	European travel log	October 28- October 30, 1874
4/18	Memoranda concerning certain works at rivers and harbors in Europe and in Egypt in September and October	September 5, 1874
4/19	Mississippi River Journal	November 27, 1874
4/20	Mississippi River Journal, SW Pass	December 2, 1874
4/21	Mississippi River Journal, Beginning at Pilot Town	1874 December 7

Container(s)	Description	Dates
4/22	Notes from New Orleans to New York	December 18- December 21, 1874
4/23	SW Pass notes	1874
4/24	Diary/travel log of Washington Territory	1878
4/25	Survey memos of Washington Territory	1878
4/26	Diary	1879
4/27	Notes on Sao Francisco River	August 12, 1879
4/28	Diaries, Volume 1 , Volume 2	1879 August 21 - 1879 November 7
4/29	Diaries, Volume 3 , Volume 4	November 8- December 7, 1879
5/1	Diaries	December 8, 1879-January 14, 1880
5/2	Diaries	January 17- December 31, 1880
5/3	Notes	January 11-April 9, 1881
5/4	Diaries	January 1-July 3, 1881
5/5	Brazilian address book	
5/6	"Notes on profile by E. F. Johnson	
5/7	"Notes from report by W. F. Reynolds"	
5/8	"Notes on the mouth of the Columbia"	

Container(s)	Description	Dates
5/9	Unidentified notes	

Series 4: Credentials and legal documents, 1854-1927

Membership certificates, professional credentials, and legal documents pertaining to William Milnor Roberts or his son, Milnor Roberts. Included are testimonial letters written by former employers and professional colleagues prior to Roberts departure for Brazil in 1857. Oversize documents have been removed to Box 8, folder 4

Container(s)	Description	Dates
Box/Folder		
5/10	1854-1857	1854-1857
5/11		1868-1874
5/12		1875-1881
5/13		1889-1927

Series 5: Reports, 1862-1881

Manuscript reports, and report drafts, prepared by William Milnor Roberts regarding the various engineering projects on which he worked. Many of the reports were later published in booklet and pamphlet form and have been retained in Series 5, printed materials. The reports in this series cover every major engineering project on which Roberts worked during the latter portion of his career, including those in Brazil and those undertaken for the Northern Pacific Railroad. Also included are essays of a general nature Roberts wrote on various topics, such as life in Brazil, the nature of gravity and American government. The essays have been arranged chronologically for those with a verifiable date. Reports that cannot be dated have been arranged alphabetically following the others. Oversize maps, as well as one large letterpress book containing reports, have been stored in Box 8.

Container(s)	Description	Dates
Box/Folder		
6/1	Dom Pedro II Railroad	1862
6/2	Dom Pedro II Railroad	1864
6/3-6	Description of railroad from Atlantic to the Pacific	1869

Container(s)	Description	Dates
6/7	Illinois and St. Louis Bridge	June 13, 1870
6/8	Earthquakes and other phenomena	April 1872
6/9-10	Discussion relating to the improvement of the mouths of large rivers	March-April 1874
6/11	Beginning of important paper (operations of Nature)	May 11, 1874
6/12	Original report to Messers W. H. Irwin, W. S. Wilson, and others on coal in south western Kentucky	July 31, 1874
6/13	Proposed harbor at Guy end of canal	December 1874
6/14	Notes on mud	December 1874
6/15	South Pass jetties	January 1875
6/16	What fills interstellar space?	November 1875
6/17	Gravity - its relation to engineering and to all things	1876 October 12
6/18	Egypt, the pyramids, etc.	1877
6/19	Pressure of water at great depths	February 12, 1878
6/20	The first railroad in the U.S.	September 1878
6/21	Northern Pacific Railroad Report	October 1878
6/22	Northern Pacific Railroad surveys for the branch from Tacoma across the Cascade range	October 28, 1878
6/23	Civil Engineering	1878
6/24	Report from W.M. Roberts to His Excellency Joao Lins Vierra Camansaode Sinimbu, Presidente do Comelho (water works of Rio de Janeiro)	March 20, 1879
6/25	Port of Santos Report	1879
6/26	Port of Santos Report	1879

Container(s)	Description	Dates
6/27	Comparison of the Panama proposed level ship canal and the Suez canal	1880 April 4
6/28	Report on the Sao Francisco River	1880 May 31
6/29	Report on the Sao Francisco River	May 31, 1880
7/1	Essay on the mobility and incompressibility of water	June 27, 1880
7/2	Egypt-the Khedive in 1874	July 25, 1880
7/3	A visit to the pyramids	1880
7/4	A study of gravity	July 1880
7/5	An article on points relating to the "Three Americas Railway"	August 5, 1880
7/6	Criticism on "Theory in regard to earthquakes"	September 18, 1880
7/7	Gravity	October 1880
7/8	Maranhao	December 7, 1880
7/9	Maranhao	[1880]
7/10	Ceara	[1880]
7/11	The city and port of Aracaju	[1880]
7/12	Aracaju river investigation	1881
7/13	Memos from the Depths of the Sea	January 1881
7/14	Port of Perambuce	March 28, 1881
7/15	Report upon the ports of Victoria, Nenevente, Piuma, and Itapemirim, draft	May 1881
7/16	Same as above	June 25, 1881

Container(s)	Description	Dates
7/17	Puerto de Caravellas	June 28, 1881
7/18	Arapahy Canal	
7/19	Characteristics of some of the great rivers	
7/20	Circulation of air and water, second study	
7/21	The Danube	
7/22	Danube sediment report	
7/23	The Florida Ship canal	
7/24	Narrow gauge railroad and the American gauge	
7/25	Pernambuco Harbor	
7/26	The Revolving ball	
7/27	Santos harbor report	
7/28	Some inclined plane notes	
7/29	South Pass discussion	
7/30	Something about Brazil	
7/31	Study of two of Professor Tyndall's ideas	
7/32	Study of the experience at the Sulina Mouth of the Danube - views of the English engineers	
7/33-34	Study of the mouth of the Mississippi-its proposed improvement	
7/35	A study-the United States	

Series 6: Printed material, 1836-1923

Newspaper clippings, books, and printed reports created or collected by William Milnor Roberts. Newspaper clippings include entire issues of American and Brazilian newspapers that contain articles dealing with either engineering projects or Roberts family matters. Clippings from unidentified newspapers have been sorted by topics. Printed reports make up the bulk of this series and are almost

entirely written by Roberts. They have been arranged chronologically and listed with their full titles in this inventory. Printed ephemera, such as broadsides, business cards, and menus, are also included.

Container(s)	Description	Dates
Box/Folder		
8/1	American newspapers	
8/2	American newspapers	
8/3	Brazilian newspapers	
8/4	Oversize credentials from Series 4	
8/5	Oversize maps from Series 5	
Box		
8	Letterpress book with reports on Suez Canal and Santos from series 5	
Box/Folder		
9/1	American Society of Civil Engineers clippings	
9/2	Brazil clippings	
9/3	Miscellaneous railroad clippings	
9/4	Mississippi River clippings	
9/5	Northern Pacific Railway clippings	
9/6	Ohio River navigation clippings	
9/7	Personal interest clippings	
9/8	Personal interest clippings	
9/9	Philadelphia water supply clippings	
9/10	Pittsburgh water supply clippings	

Container(s)	Description	Dates
9/11	St. Louis bridge clippings	
9/12	Western travel clippings	
9/13	Western travel clippings	
9/14	NPRR brochures	1873
9/15	NPRR brochures, twentieth century	
9/16	Railway and Marine News Volume XXII, Number 1	January 1924
9/17	Montana Engineer, Volume IV, Number 1	November 1938
9/18	Bulletin of the American Geographical Society	1873-1874
9/19	Ephemera	
9/20	Ephemera	
9/21	Reports	1835-1936
	Report of W.M. Roberts, Engineer of Harrisburg and Lancaster Railroad	1835
	Report of W.M. Roberts, Chief Engineer of Cumberland Valley Railroad Company	1835
	S.W. Roberts account of Allegheny Portage Railroad	1836
	Report Chief Engineer to President and Directors of Harrisburg and Lancaster Railroad	1836
	Report of W.M. Roberts on Surveys for the Harrisburg Waterworks or Water Power	1836
9/22	Reports	1837-1848
	2nd Report of W.M. Roberts, Chief Engineer of Cumberland Valley Railroad Company	1837
	3rd Annual Report of W.M. Roberts, Chief Engineer of Cumberland Valley Railroad	1837

Container(s)	Description	Dates
	2nd Annual Report of W.M. Roberts, Chief Engineer of Harrisburg and Lancaster Railroad	1837
	Report of Superintendent of Harrisburg and Lancaster Railroad	1838
	3rd Annual Report of W.M. Roberts, Chief Engineer, Harrisburg and Lancaster Railroad	1838
	Report of W.M. Roberts on Survey to avoid Schuylkill Inclined Plane on the Philadelphia and Columbia Railroad	1848
9/23	Report, Sao Francisco River	1880
Box		
10-11	Printed reports	
Box		
10	Report on Preliminary Surveys for Bellefontaine and Indiana Railroad	1850
10	2nd Annual Report of Directors of Bellefontaine and Indiana Railroad	1852
10	Report on Surveys of Allegheny Valley Railroad	1853
10	Exhibit of Allegheny Valley Railroad	1853
10	Improvement of the Ohio River	1856
10	Proposed Improvement of the Ohio River	1857
10	Report of Don Pedro, 2nd Railroad	1863
10	Annual Report of Managers of Union Canal Co. of Pennsylvania to Stockholders	1863
10	Present State and Prospects of North Missouri Railroad	1866
10	Report of W.M. Roberts, Consulting Engineer, to the President and Managers of Erie Canal Co. of Pennsylvania	1868

Container(s)	Description	Dates
10	Preliminary Report with reference to Extension of New Pittsburgh Water Works	1869
10	Illinois and St. Louis Bridge Co., Report of Chief Engineer	1869
10	Special Report of Reconnaissance of Route for Northern Pacific Railroad between Lake Superior and Puget Sound via the Columbia River	1869
10	Report of W.M. Roberts on the Ohio River and North Pacific Railroad	1871
10	Northern Pacific Railroad. The Yellowstone Valley	1871
10	Northern Pacific Railroad. Surveys and Explorations.	1871
10	Northern Pacific Railroad; Its Route, Resources, Progress, and Business	1871?
10	American Society of Civil Engineers Proceedings and Transactions of 4th Annual Convention, Chicago, June 5 and 6, 1872	1872
10	History of Monogahela Navigation Co.	1873
10	Report of Chief Engineer on unfinished portion of Northern Pacific Railroad	1874
10	General Orders No. 74, War Department, Washington	July 2, 1874
10	Report of W.M. Roberts on the New Water Works of the City of Pittsburgh	1874
10	Mouths of the Mississippi. Correspondence etc.	1874-1875
10	Report of a Reconnaissance of the Missouri River in 1872	1875
10	Report on the Water Supply for the City of Philadelphia by a Commission of Engineers appointed by the mayor 55 pages	1875
10	Report on the Water Supply for the City of Philadelphia by a Commission of Engineers appointed by the mayor	1875

Container(s)	Description	Dates
	143 pages	
10	Notes on the Improvement of the Mouth of the Mississippi. A paper by W.M. Roberts to the American Society of Civil Engineers	October 21, 1875
10	Final Proceedings of Advisory Committee of Engineers convened by J.B. Eads to consider plans for the improvement of the Mouth of the Mississippi	1875
10	Transactions of American Society of Civil Engineers, Second Series No. 26, Transactions Vol. IV. Proceedings Vol. I, Dec. 1875	1875
10	Report of Board of Engineers and Correspondence relating to the Improvement of the Mouth of the Mississippi River by Jetties	1875
10	Carpenters' Hall and its Historic Memories	1876
10	Report on Four Thousand Acres of Coal, Iron Ore, and Timber Lands on the Allegheny Mountains	1876
10	Journal of the American Society of Civil Engineers. Transactions Volume V, Proceedings Volume II, February 1876	1876
10	List of Members of the American Society of Civil Engineers	1876
10	Published letter to the American Society of Civil Engineers from W.M. Roberts, Chair, subcommittee on finance for the Centennial Commission	1876
10	The Institution of Civil Engineers; Charter, By-Laws, and Regulations	1876
10	List of Members. Institution of Civil Engineers	1877
10	Report on Hart Creek Sewer	1877
10	Report of the President and Directors, Northern Pacific Railroad Company Annual Meeting	1877 September 26
10	Engineer's Facts and Reasons for Locating the Northern Pacific Railroad upon the selected line west of the Rocky Mountains	1877

Container(s)	Description	Dates
10	American Society of Civil Engineers. Ballot list for officers of the Society 1877-1878	1877-1878
10	American Society of Civil Engineers. Ballot list for officers for the year beginning November 1878	1878
10	Bulletin of the American Meteorological Society Officers, Committee, Members, Constitution and By-laws	1878
10	Transactions of the American Society of Civil Engineers. Transactions Volume VII, Proceedings Volume IV, April 1878	1878
10	Transactions of the American Society of Civil Engineers. Transactions Volume VII, Proceedings Volume IV, August 1878	1878
10	Reminiscences and Experiences of Early Engineers. Operations on Railroads with Special Reference to Steep Inclines. Paper by W.M. Roberts included in Transactions above.	1878
10	Extracts from By-Laws, Institution of Civil Engineers (also application for student membership 188-)	1878
10	The Benevolent Fund of the Institution of Civil Engineers. Report of Proceedings at 14th Annual General meeting	1878
10	American Society of Civil Engineers. Constitution and By-Laws	1879
10	Transactions of the American Society of Civil Engineers. Transactions Volume VIII. Proceedings Volume V, January 1879	1879
10	Transactions of the American Society of Civil Engineers. Transactions Volume VIII. Proceedings Volume V, March 1879	1879
10	List of Members. Institution of Civil Engineers	1879
10	Abstract of Report of the Hydraulic Commission of Brazil, W.M. Roberts, Chief Engineer. Upon examination of the Sao Francisco River, 1879-1880	1880
10	Roberts on the Sao Francisco River, Brazil	1880
10	O Porto so Maranhão. Por W. Milnor Roberts	1880

Container(s)	Description	Dates
10	Journal of Franklin Inst. 3rd series Vol. IXXX No. 5-Nov. 1880	1880
10	Relatorio W. Milnor Roberts, sobre o exame do Rio S. Francisco	1880
10	Excerpt, Minutes of the Proceedings of the Institution of Civil Engineers, Volume IXVIII Session 1881-82, Part ii. Memoirs of William Milnor Roberts	1881
10	Address of James Abernathy, President of the Institution of Civil Engineers	1881 January 11
10	Excerpt. Minutes of the Proceedings of the Institution of Civil Engineers	1881-1882
10	Memories by Eleanor Roberts Baltzell	1956
11	Useful Information for Railway Men	1868
11	Engineers and mechanics pocket book	1869
11	Molesworth's pocket book of engineering formulae	1878
11	A history of the St. Louis Bridge	1881
11	Memoirs of John Bannister Gibson, by Thomas P. Roberts	1890
11	History of the Gazzam and DeBeleen Families	1894

Series 7: Photographs and paintings, 1860-1923

Membership certificates, professional credentials, and legal documents pertaining to William Milnor Roberts or his son, Milnor Roberts. Included are testimonial letters written by former employers and professional colleagues prior to Roberts departure for Brazil in 1857. Oversize documents have been removed to Box 8, folder 4

Container(s)	Description	Dates
Box/Folder		
11/1	WMR, portrait	circa 1860s
11/2	WMR, Centennial Exhibition admission pass	1876

Container(s)	Description	Dates
11/3	WMR, carte de visite	circa 1880s
11/4	WMR, portrait	circa 1880s
11/5	Northern Pacific Railway survey party, Helena	1869
11/6	Northern Pacific Railway engineers	circa 1876
11/7	George Stark and WMR, Helena	1876
11/8	WMR, portrait from National Cyclopedia of American Biography	1940
11/9	Dr. Alcoforados country house, Brazil	1880
11/10	Imperator Pedro II	circa 1880
11/11	Elena Solar Y	circa 1880
11/12	J. B. Eads, portrait	circa 1870
11/13	Elenor Roberts Baltzell	
11/14	Roberts Hall, MSU Bozeman	1923
11/15	Roberts Hall, MSU Bozeman (under construction)	1922
11/16	Roberts Hall, MSU Bozeman, architects rendering	
11/17	Port of Santos, Brazil (photograph of painting)	1879
11/18	Watercolor painting, church interior, Brazil	1879
11/19	Watercolor painting, Paulo Afonso waterfall, in the state of Bahia	1879
11/20	Watercolor painting, Paulo Afonso waterfall, in the state of Bahia	1879

Names and Subjects

Subject Terms :

Americans-Brazil

William Milnor Roberts Papers, 1828-1959

<http://archiveswest.orbiscascade.org/ark:/80444/xv01281>

Engineers-Brazil

Engineers-Montana

Engineers-Pennsylvania

Public works-Brazil

Railroads-Montana

Corporate Names :

Northern Pacific Railway Company

Geographical Names :

Brazil-Description and travel

Brazil-Pictorial works

Form or Genre Terms :

Diaries

Kim Allen Scott, 2010