

Railways that Climb Cable Car, Incline, Funicular and Cog Railways

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Railroad name	Location	IA	Dubuque	Incor	Close	Mileag	Gauge	Grade%	Business type			
11th Street Elevator		IA	Dubuque						RR: Cable Car Railway			
Alaska Railroad & Transportation		AK	Chilkoot Trail	1898	1897				RR: Aerial Tramway			
Alberta Railway & Coal Company Incline	Canada	AB	Lethbridge?	1885?					RR: Inclined Plane/			
Algoma Lumber Company Incline		OR	Swan Lake Point						RR: Inclined Plane/			
Aliquippa Incline Plane Co.		PA	Mifflin	1890					RR: Inclined Plane/			
Allegheny Portage Inclined Plane		PA	Johnstown	1834			36		RR: Inclined Plane/			
Allegheny Portage Railroad (Main Line of Alltwyllt incline		PA	Johnstown	1828	1854		32	4'9	9.9%	RR: Inclined Plane/		
Alltwyllt incline	England		Alltwyllt	1865					RR: Inclined Plane/			
Angel's Flight Railway Company		CA	Los Angeles	1901			1	2'6	33.0%	RR: Funicular		
Angels Flight (1996)		CA	Los Angeles	1996				2'6	33.0%	RR: Inclined Plane/		
Angels Flight (Angel's Flight) (1901)		CA	Los Angeles	1901	1969			2'6		RR: Inclined Plane/		
Arizona Copper Company Coronado		AZ	Metcalfe							RR: Inclined Plane/		
Arlington Avenue Incline Plane		PA	Pittsburgh	1890						RR: Inclined Plane/		
Arrowhead Incline Waterman Canyon		CA	Lake Arrowhead	1907	1911				42.0%	RR: Inclined Plane/		
Arth-Rigi Railway	Switzerland		Arth	1870				4	1,435	20.0%	RR: Cog Railway	
Ashley Planes (Inclined Plane)		PA	Ashley	1837	1948					15.0%	RR: Inclined Plane/	
Bailey Avenue Inclined Plane Co.		PA	Pittsburgh	1881							RR: Inclined Plane/	
Baltimore City Passenger Railway - Cable		MD	Baltimore						21		RR: Cable Car Railway	
Barclay Inclined Plane		PA	Barclay Mountain								RR: Inclined Plane/	
Bavarian Zugspitze Railway (Bayerische	Germany		Garmisch	1930				12	1,000		RR: Cog Railway	
Beaver Meadow Railroad & Coal Co.		PA	Beaver Meadows	1830				14			RR: Inclined Plane/	
Belleveue Incline Plane Co. (Pittsburgh)		PA	Bellevue	1882	1892						RR: Inclined Plane/	
Bellevue Incline Railway - see Cincinnati & Belmont Incline Plane		OH	Cincinnati								RR: Inclined Plane/	
Belmont Incline Plane		PA	Philadelphia	1832	1850					6.7%	RR: Inclined Plane/	
Bica Ascensore (Bica Funicular	Portugal		Lisbon	1892						11.8%	RR: Cable Car Railway	
Blue Star Incline		OR	Idaville	1924	1927						RR: Inclined Plane/	
Bon Jellico Coal Company Incine		KY	Bon Jellico	1912							RR: Inclined Plane/	
Book Cliff Mine Incline		CO	Book Cliff								RR: Inclined Plane/	
Brienzen-Rothorn Railway (German: Brienzen	Switzerland		Brienzen-Rothorn	1892				5	800	25.0%	RR: Cog Railway	
Brooklyn Avenue Railway		MO	Kansas City	1896	1899						RR: Cable Car Railway	
Brooklyn Cable Railway		NY	Brooklyn	1887					7		RR: Cable Car Railway	
Brooklyn Heights Railroad		NY	Brooklyn	1887	1924						RR: Cable Car Railway	
Buck Mountain Coal Company Incline		PA	Rockport	1839							RR: Inclined Plane/	
Butte City Street Railway		MT	Butte	1889	1891						RR: Cable Car Railway	
California Street Cable Car Railroad		CA	San Francisco	1876	1952		16	ng	21.0%	RR: Cable Car Railway		
Cambria Incline		PA	Johnstown	1889	1893					71.0%	RR: Inclined Plane/	
Cameron Hill Incline Co.		TN	Chattanooga								RR: Inclined Plane/	
Carthage Incline Railway		NY	Rochester (Carthage)	1831							RR: Inclined Plane/	
Cash Pond Inclined Plane		PA	Cash Pond								RR: Inclined Plane/	
Caspar, South Fork & Eastern Railroad		CA	Caspar								RR: Inclined Plane/	
Castle Rock Scenic Railway (Castle Rock		CO	Castle Rock	1913	1918						RR: Funicular	
Castle Shannon Incline		PA	Castle Shannon	1890	1964				10'	38.0%	RR: Inclined Plane/	
Castle Shannon South Incline		PA	Castle Shannon	1890	1919						RR: Inclined Plane/	
Central Horse & Cable Railway		IL	Peoria		1888						RR: Cable Car Railway	
Central Inclined Plane Co.		PA	Pittsburgh	1870							RR: Inclined Plane/	
Central Railway of Peru	Peru									8.0%	RR: Cog Railway	
Central Traction Co (of Pittsburgh)		PA	Pittsburgh	1888	1896				8		RR: Cable Car Railway	
Charleston & Hamburg Railroad - Aiken		SC	Aiken	1830	1838					7.0%	RR: Inclined Plane/	
Chesapeake & Ohio Canal Inclined Plane:		DC	Washington								RR: Inclined Plane/	
Chesterfield Railroad (Chesterfield & Cheyenne Mountain Cog Railroad		VA	Midlothian	1828	1850		13				RR: Inclined Plane/	
Chicago City Railway-Cable car lines		CO	Colorado Springs	1918	1974			ng			RR: Cog Railway	
Chilkoot Railroad & Transport Company		IL	Chicago	1882	1895		34				RR: Cable Car Railway	
Chilkoot Railroad & Transport Company		AK	Canyon City	1898	1899		9				RR: Aerial Tramway	
Cincinnati & Clifton Incline Plane Railroad		OH	Cincinnati	1876	1880					300.0%	RR: Inclined Plane/	
Cincinnati Inclined Plane Railway (Mt.		OH	Cincinnati	1872							RR: Inclined Plane/	
Cincinnati Street Railway - Gilbert Avenue		OH	Cincinnati	1885	1898		8				RR: Cable Car Railway	
Cincinnati Street Railway - Vine Street		OH	Cincinnati	1887	1898						RR: Cable Car Railway	
Citizen's Railway Company - Cable Car		MO	St. Louis	1887							RR: Cable Car Railway	
Citizen's Traction Passenger Ry		PA	Pittsburgh	1887							RR: Cable Car Railway	
Citizens Traction Company (Pittsburgh)		PA	Pittsburgh	1889	1896		25				RR: Cable Car Railway	
City Incline Plane Co.		PA	Pittsburgh	1895							RR: Inclined Plane/	
Clay Street Hill Railroad		CA	San Francisco	1873	1942		2	3'6	16.0%		RR: Cable Car Railway	
Cleveland City Cable Railway		OH	Cleveland	1890	1893		12				RR: Cable Car Railway	
Clifton Avenue Incline		PA	Pittsburgh	1895	1905						RR: Inclined Plane/	
Coal Hill Coal Railroad		PA	Pittsburgh	1861?	1871		2	3'4			RR: Inclined Plane/	
Columbia Incline Plane		PA	Columbia	1834	1839					6.7%	RR: Inclined Plane/	
Consolidated Cable Railway (Oakland, CA)		CA	Oakland	1890	1896			3'6			RR: Cable Car Railway	
Corcovado Incline Railway	Brazil		Rio de Janeiro	1884			2	1,000			RR: Cog Railway	
Court Flight Incline Railroad		CA	Los Angeles	1901	1943			2'6	42.0%		RR: Inclined Plane/	
Cray & Company Coal Incline		PA	Pittsburgh	1870							RR: Inclined Plane/	
Cromford & High Peak Railway - Hopton	England		Cromford	1831						33	7.1%	RR: Inclined Plane/
Da Lat-Thap Cham Railway (Langbian	Vietnam		Da Lat	1903						52	12.0%	RR: Cog Railway
Dampfbahn Furka-Bergstrecke (Furka	Switzerland		Realp	1925						11	1,000	RR: Cog Railway
Danville & Pottsville Inclined Planes		PA	Frackville	1834						1	28.0%	RR: Inclined Plane/
Delaware & Hudson Gravity Railroad		PA	Carbondale	1826	1899		14	4'3			RR: Inclined Plane/	

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Denniston Incline	New Zealand		Denniston, South Island	1879	1967		76.0%	RR: Inclined Plane/
Denver City Cable Railway		CO	Denver	1888	1896	30	ng	RR: Cable Car Railway
Denver City Tramway Company		CO	Denver	1899	1902			RR: Cable Car Railway
Denver Electric & Cable Railway		CO	Denver	1885	1886			RR: Cable Car Railway
Denver Tramway Company (1885)		CO	Denver	1885	1893	227		RR: Cable Car Railway
Diakopto-Kalavryta Railway	Greece		Diakopto	1896		14	2'5	RR: Cog Railway
Drachenfels Railway (German:	Germany		Königswinter /	1883		1	1,000	RR: Inclined Plane/
Duluth 7th Avenue West Incline Railway		MN	Duluth	1891	1939			RR: Inclined Plane/
Duluth Belt Line Incline Railway		MN	Duluth	1889	1917	2		RR: Inclined Plane/
Dunderberg Spiral Railway		NY	Ft. Montgomery	1889	1891	0	26.0%	RR: Inclined Plane/
Duquesne Inclined Plane Co		PA	Pittsburgh	1876			5'	RR: Inclined Plane/
Düsseldorf-Elberfeld Railway (Erkrath-	Germany		Düsseldorf	1837		16	3.3%	RR: Inclined Plane/
Dyea-Klondike Transportation Company		AK	Chilkoot Trail (Skagway)	1898	1898			RR: Aerial Tramway
East McKeesport Incline		PA	East McKeesport	1912				RR: Inclined Plane/
Eastend Incline Railway (aka Mount	Canada	ON	Hamilton	1895	1935			RR: Inclined Plane/
Edmonton Incline Railway	Canada	AB	Edmonton	1908	1911			RR: Inclined Plane/
Edward Rutledge Timber Company Incline		ID	St. Maries				70.0%	RR: Inclined Plane/
El Portal Mining Company Aerial Tram		CA	El Portal	1910				RR: Aerial Tramway
Empire Copper Company Aerial Tram		ID	Mackay	1918		3		RR: Aerial Tramway
Erzbergbahn	Austria		Leoben	1872		21	7.1%	RR: Cog Railway
Essex Passenger Railway-Cable car line		NJ	Newark	1888	1890			RR: Cable Car Railway
Estrada de Ferro Cantagalo (Estrada de	Brazil		Niterói	1873	1965		1,000	RR: Cog Railway
Fairfax Incline		CA	Fairfax	1913	1929		33.0%	RR: Inclined Plane/
Fairview Incline Railway		OH	Cincinnati					RR: Inclined Plane/
Falls Incline Railway (Horseshoe Falls		NY	Niagara Falls	1966			30.0%	RR: Inclined Plane/
Fenelon Place Elevator		IA	Dubuque	1882			74.0%	RR: Cable Car Railway
Ferries & Cliff House Railway		CA	San Francisco	1888	1893	4	3'6	RR: Cable Car Railway
Ferrocarril Mexicano Maltrata railway	Mexico	Vera	Orizaba	1873			4.7%	RR: Inclined Plane/
First Avenue Cable Railway		WA	Seattle	1898	1900			RR: Cable Car Railway
Frankfort Inclined Plane		KY	Frankfort	1834	1850		7.0%	RR: Inclined Plane/
Front Street, Mission & Ocean Railroad		CA	San Francisco	1863				RR: Cable Car Railway
Ft. Pitt Inclined Plane Co		PA	Pittsburgh	1881	1906		10'	RR: Inclined Plane/
Geary Street, Park & Ocean Railroad		CA	San Francisco	1878	1912	5		RR: Cable Car Railway
Gelmer Funicular (Gelmerbahn Funicular)	Switzerland		Handegg	1926		1	1,000	RR: Funicular
Golden City & South Platte Gorge Incline		CO	Golden	1872	1880	8		RR: Inclined Plane/
Gordon Planes (Inclined Plane)		PA	Gordon	1855	1867	2	14.0%	RR: Inclined Plane/
Gornergrat Bahn (the "Matterhorn"	Switzerland		Zermatt	1898		6	1,000	RR: Cog Railway
Grand Avenue Railway		MO	Kansas City	1887	1895	7		RR: Cable Car Railway
Grandview Incline Plane Co.		PA	Pittsburgh	1895				RR: Inclined Plane/
Granite Railway		MA	Quincy	1826	1871	3		RR: Inclined Plane/
Great Incline/Rubio Canyon Incline		CA	Pasadena (Mount Lowe)	1893			62.0%	RR: Inclined Plane/
Green Mountain Cog Railway		ME	Mount Desert (Mt.	1882	1890	3	4'8	RR: Cog Railway
Hamilton & Barton Incline Railway (James	Canada	ON	Hamilton	1892	1932		31.0%	RR: Inclined Plane/
Hamilton & Barton Railway (aka Westend	Canada	ON	Hamilton	1892	1932		40.0%	RR: Inclined Plane/
Hoboken Inclined Cable Railway		NJ	Hoboken	1873		1	5.0%	RR: Inclined Plane/
Höllentalbahn ("Hell Valley Railway";	Germany		Freiburg	1887		46	5.5%	RR: Cog Railway
Hollyburn Aerial Tramway (Hollyburn	Canada	BC	West Vancouver	1950				RR: Aerial Tramway
Hopefield Inclined Plane		AR	Hopefield (West	1872				RR: Inclined Plane/
Hunsrück Railway (Hunsrückbahn))	Germany		Simmern	1908		33	6.1%	RR: Cog Railway
Indianapolis Cable Street Railway		IN	Indianapolis					RR: Cable Car Railway
Industry Hills Incline		CA	City of Industry				33.0%	RR: Inclined Plane/
Inter-State Consolidated Rapid Transit		MO	Kansas City	1888				RR: Cable Car Railway
Ithaca & Owego Railroad Inclined Plane		NY	Ithaca	1827	1852	2	22.0%	RR: Inclined Plane/
J & L Coal Incline (Jones & Laughlin)		PA	Pittsburgh	1854				RR: Inclined Plane/
Jackson Coal Mining Company & Gravity		PA	Jackson	1914				RR: Inclined Plane/
James Street Incline (Hamilton Incline	Canada	ON	Hamilton	1892	1932		31.0%	RR: Inclined Plane/
Jellico Mountain Coal & Coke Incline		TN	Jellico	1881				RR: Inclined Plane/
John Yeon Incline (Yeon & Pelton Incline)		OR	Reiner				33.0%	RR: Inclined Plane/
Johnstown Inclined Plane		PA	Johnstown	1891			70.9%	RR: Inclined Plane/
Jones & Laughlin Coal Incline		PA	Pittsburgh	1870				RR: Inclined Plane/
Kansas City Cable Railway		MO	Kansas City	1883	1895	3		RR: Cable Car Railway
Kansas City Incline Plane Railway (9th		MO	Kansas City	1885	1891	0		RR: Inclined Plane/
Keeling Coal Incline		PA	Pittsburgh					RR: Inclined Plane/
Keeling Coal Incline		PA	Pittsburgh	1870	1928			RR: Inclined Plane/
Kirk Lewis Coal Incline/Hoist		PA	Pittsburgh	1854	1870			RR: Inclined Plane/
Knoxville Incline Railway (Arlington		PA	Pittsburgh	1890	1960	0	9'	RR: Cable Car Railway
Knoxville Inclined Plane Co (see		PA	Pittsburgh	1890	1960			RR: Inclined Plane/
Koko Head Crater Railway		HI	Honolulu	1942			3'	RR: Inclined Plane/
Lake Linden Incline		MI	Lake Linden	1870?	1885			RR: Inclined Plane/
Laurel Park Railroad Company (Swiss		NC	Hendersonville	1905	1912			RR: Inclined Plane/
Leander Colt Incline (Inclined Plane)	Canada	ON	Niagara Falls	1869	1889			RR: Inclined Plane/
Leggett's Gap Railroad		PA	Scranton	1832	1851	60		RR: Inclined Plane/
Lehigh & Susquehanna Inclined Plane		PA	Wilkes-Barre			1		RR: Inclined Plane/
Lexington & Ohio Railroad Inclined Plane		KY	Frankfort	1832	1848		7.0%	RR: Inclined Plane/
Local Incline Plane Co.		PA	Pittsburgh	1883				RR: Inclined Plane/

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Long Valley Inclined Plane		PA	Long Valley					RR: Inclined Plane/
Lookout Incline & Lula Lake Railway		TN	Chattanooga	1906				RR: Inclined Plane/
Lookout Mountain Incline Railway		CO	Golden	1908	1916			RR: Inclined Plane/
Lookout Mountain Incline Railway		TN	Chattanooga (St. Elmo)	1898		3	72.7%	RR: Inclined Plane/
Lookout Point Incline Railway		TN	Chattanooga		1906			RR: Inclined Plane/
Los Angeles & Mt. Washington Railway		CA	Glendale	1909	1919	1	3'6"	42.0% RR: Inclined Plane/
Los Angeles Cable Railway		CA	Los Angeles	1887	1888		ng	RR: Cable Car Railway
Los Angeles Incline Railway		CA	Los Angeles				ng	RR: Inclined Plane/
Luzern–Stans–Engelberg Railway	Switzerland		Lucerne	1964		21		RR: Cog Railway
Madison & Indianapolis Railroad Inclined		IN	Madison	1836			5.9%	RR: Inclined Plane/
Madison Street Cable Railway		WA	Seattle (Lake)	1891	1940	4	3'6"	RR: Cable Car Railway
Mahanoy Plane (1861-1932) (Schuytkill)		PA	Frackville	1861	1932	3		28.0% RR: Inclined Plane/
Maid of the Mist Incline (originally Clifton)	Canada	ON	Niagara Falls	1894	1990			RR: Inclined Plane/
Manayunk & Roxborough Inclined Plane &		PA	Manayunk	1873				RR: Inclined Plane/
Manitou & Pike's Peak Railroad		CO	Manitou Springs	1888		9		68.0% RR: Cog Railway
Market Street Cable Railway		CA	San Francisco	1882	1893	26		RR: Cable Car Railway
Market Street Railway (1893)		CA	San Francisco	1893	1902	158		RR: Cable Car Railway
Matterhorn-Gotthard Bahn (MGB)	Switzerland		Zermatt	2003		89	1,000	8.5% RR: Cog Railway
Mauch Chunk & Summit Hill Railroad		PA	Jim Thorpe (Mauch)	1846	1929	9	3'6"	RR: Inclined Plane/
Mauch Chunk Railroad (Switchback		PA	Jim Thorpe (Mauch)	1827	1846	9	3'	29.0% RR: Inclined Plane/
Metcalfe (AZ) Incline		AZ	Clifton	1875				RR: Inclined Plane/
Metropolitan Street Railway (of Kansas		MO	Kansas City	1887	1903	63		RR: Cable Car Railway
Metropolitan Street Railway (of New York,		NY	New York	1893		256		RR: Cable Car Railway
Michigan-Utah aerial tram		UT	Alta (Tanner's Flat)	1916	1925			RR: Aerial Tramway
Mill Mountain Incline Railroad		VA	Roanoke	1909	1929			RR: Inclined Plane/
Mill Valley & Mt. Tamalpais Scenic Railway		CA	Mill Valley	1896	1929	8		7.0% RR: Inclined Plane/
Milwaukee Cable Railway		WI	Milwaukee	1887	1889			RR: Cable Car Railway
Missouri Railroad - Cable Car Line		MO	St. Louis	1888		9		RR: Cable Car Railway
Mohawk & Hudson Inclined Plane at		NY	Albany	1835?		18		6.0% RR: Inclined Plane/
Mohawk & Hudson Inclined Plane at		PA	Schenectady,	1835?				6.0% RR: Inclined Plane/
Monongahela Inclined Plane Railway		PA	Pittsburgh	1867	1935		5'	71.0% RR: Inclined Plane/
Monte Railway (Portuguese: Caminho de	Portugal		Pombal	1893	1943			RR: Cog Railway
Montreux–Glion–Rochers-de-Naye railway	Switzerland		Montreux			6	800	22.0% RR: Cog Railway
Montserrat Rack Railway	Spain		Monistrol	1982			1,000	RR: Cog Railway
Morris Canal Inclined Plane		NJ	Port Morris					RR: Inclined Plane/
Morrison - Red Rocks Incline		CO	Morrison	1909	1914			RR: Cog Railway
Mozart Park Incline		WV	Wheeling (44th St)	1893	1907			RR: Inclined Plane/
Mt. Adams & Eden Park Inclined Railway		OH	Cincinnati	1873	1948			RR: Inclined Plane/
Mt. Adams & Madison Railway		NH	Mt. Washington					RR: Cog Railway
Mt. Airy Inclined Planes		MD	Mt. Airy	1831	1839			RR: Inclined Plane/
Mt. Auburn Cable Ry		OH	Cincinnati	1885	1902	17	5'2"	RR: Cable Car Railway
Mt. Beacon Incline Railway (Mount Beacon		NY	Beacon	1902	1983			74.0% RR: Inclined Plane/
Mt. Hamilton Incline Railway (aka Eastend	Canada	ON	Hamilton	1895	1935			RR: Inclined Plane/
Mt. Hope Mineral Railroad (Mount Hope		NJ	Wharton	1857		4	3'4"	RR: Inclined Plane/
Mt. Lowe Railway		CA	Pasadena (Altadena)	1893	1938	6	3'6"	62.0% RR: Inclined Plane/
Mt. Manitou Incline (Mt. Manitou Park		CO	Manitou Springs	1907	1990	1	3'	68.0% RR: Inclined Plane/
Mt. Morrison Incline Railway		CO	Mt. Morrison	1909	1914			RR: Inclined Plane/
Mt. Oliver Inclined Plane Co.		PA	Pittsburgh (Birmingham	1870	1894			25.0% RR: Inclined Plane/
Mt. Oliver Inclined Railway		PA	Mt. Oliver (South of	1894	1951			RR: Inclined Plane/
Mt. Penn Gravity Railroad (Inclined Plane)		PA	Reading (Mineral	1889	1923	8		RR: Inclined Plane/
Mt. Royal Funicular Railway	Canada	QC	Montreal	1885	1920			RR: Inclined Plane/
Mt. Tamalpais & Muir Woods Railway		CA	Mill Valley	1913	1929	8		7.0% RR: Inclined Plane/
Mt. Tom Railroad		MA	Holyoke	1897	1988	2		21.0% RR: Inclined Plane/
Mt. Washington Cog Railway (Mt.		NH	Mt. Washington	1869		3		37.0% RR: Cog Railway
Mt. Washington Incline Plane Co. (Mt.		PA	Pittsburgh	1854				RR: Inclined Plane/
New York & Brooklyn Bridge Railroad		NY	New York	1883		4		RR: Cable Car Railway
New York Cable Railway		NY	New York	1883				RR: Cable Car Railway
Newark & Irvington Street Railway-Cable		NJ	Newark	1888		4		RR: Cable Car Railway
Niagara Portage Railway (Inclined Plane)		NY	Niagara-on-the-Lake	1764	1825			RR: Inclined Plane/
Nilgiri Mountain Railway (Mettupalayam-	India		Mettupalayam	1891		29	1,000	8.0% RR: Cog Railway
North Chicago Street Railroad-Cable car		IL	Chicago	1886	1899	17		RR: Cable Car Railway
North Seattle Cable Railway		WA	Seattle	1891	1898			RR: Cable Car Railway
Norwood Incline		PA	McKees Rocks	1901	1923			RR: Inclined Plane/
Nunnery Hill Incline Plane Co		PA	Pittsburgh (Allegheny	1886	1899			26.0% RR: Inclined Plane/
Oakland Cable Railway		CA	Oakland	1886	1899		ng	RR: Cable Car Railway
Oakland Railway-Cable Car Lines		CA	Oakland	1886	1899			RR: Cable Car Railway
Ohio Street Incline Railway		OH	Cleveland	1894				RR: Inclined Plane/
Oigawa Railway	Japan		Kanaya	1927				RR: Cog Railway
Old Quebec Funicular	Canada	QC	Quebec City	1879				RR: Funicular
Omaha Cable Tramway		NE	Omaha	1884	1895			RR: Cable Car Railway
Omnibus Railroad & Cable Co		CA	San Francisco	1887	1893	8		RR: Cable Car Railway
Orange Mountain Cable Railway		NJ	Orange	1887			8'	14.0% RR: Inclined Plane/
Ormsby Mine Gravity Plane (Inclined		PA	Pittsburgh	1844	1878			RR: Inclined Plane/
Otis Elevating Railway (Otis Railway)		NY	Otis Junction	1892	1918	1	3'	34.0% RR: Inclined Plane/
Pacific Railway (of Los Angeles)		CA	Los Angeles	1888	1893		ng	RR: Cable Car Railway

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Park Hill Elevator	NY Yonkers	1894	1937				RR: Funicular
Park Incline Plane Co.	PA Pittsburgh	1892					RR: Inclined Plane/
Parr Spring Inclined Plane (Parr's Spring)	MD Mt. Airy	1831	1839			2.0%	RR: Inclined Plane/
Peak Tram	China Hong Kong	1888		1	1,520	25.7%	RR: Cog Railway
Penang Hill Railway	Malaysia Georgetown	1923		1	1,000		RR: Funicular
Penn Haven Inclined Plane	PA Penn Haven	1850?					RR: Inclined Plane/
Penn Incline (Seventeenth Street Incline)	PA Pittsburgh	1881	1953				RR: Inclined Plane/
Pennsylvania Coal Company Railroad	PA Hawley	1838	1884	63			RR: Inclined Plane/
Pennsylvania Incline Plane Railway (Penn)	PA Pittsburgh	1881	1905				RR: Inclined Plane/
People's Cable Railway	MO Kansas City	1887	1896				RR: Cable Car Railway
People's Railroad (of St. Louis)	MO St. Louis	1859	1899	10			RR: Cable Car Railway
Peoples Incline Plane Co.	PA Pittsburgh	1893					RR: Inclined Plane/
Peoria Horse & Cable Railway	IL Peoria		1888				RR: Cable Car Railway
Perrysville Incline	PA Pittsburgh	1891					RR: Inclined Plane/
Piedmont & Mountain View Railway	CA Oakland	1890	1896				RR: Cable Car Railway
Piedmont Cable Company	CA Oakland		1890				RR: Cable Car Railway
Pike's Peak Cog Railway	CO Manitou Springs	1888		9		24.0%	RR: Cog Railway
Pilatus railway (German: Pilatusbahn, PB)	Switzerland Obwalden	1889		3		48.0%	RR: Cog Railway
Pioche Consolidated Mines Aerial	NV Pioche						RR: Aerial Tramway
Pittsburgh & Castle Shannon Railroad	PA Pittsburgh	1868	1950	9	3'4		RR: Inclined Plane/
Pittsburgh Incline Plane Railway	PA Pittsburgh	1889	1960				RR: Inclined Plane/
Pittsburgh Traction	PA Pittsburgh	1887	1896	3			RR: Cable Car Railway
Pittsburgh Traction Co	PA Pittsburgh	1887					RR: Cable Car Railway
Portland Cable Railway	OR Portland (Portland)	1888	1894				RR: Cable Car Railway
Powell Street Railway	CA San Francisco		1887			ng	RR: Cable Car Railway
Presidio & Ferries Railway (Union Street)	CA San Francisco	1880	1913				RR: Cable Car Railway
Price Hill Inclined Plane Railway (Price's)	OH Cincinnati	1874				44.0%	RR: Inclined Plane/
Prince of Grand Para Railway (Estrada de	Brazil Mauá (Sao Paulo)	1883		300	1,000	15.0%	RR: Cog Railway
Prospect Mountain Incline Railway	NY Caldwell	1895		1	3'	38.0%	RR: Inclined Plane/
Prospect Park Incline Railway (Inclined)	NY Niagara Falls	1845	1907				RR: Inclined Plane/
Providence Cable Tramway	RI Providence	1884		3			RR: Cable Car Railway
Puerto Cabello & Valencia railway	Venezuela Valencia	1888	1950s	34	3'6		RR: Cog Railway
Quincy & Torch Lake Cog Railway	MI Hancock	1997		0		35.0%	RR: Cog Railway
Red Mountain Incline	CO Manitou Springs	1912	1922				RR: Inclined Plane/
Red Peak Scenic Railway	CO Colorado Springs	1919	1925	1			RR: Funicular
Rhume Run Railroad	PA Nesquehoning (Rhume)	1833	1870				RR: Inclined Plane/
Ridgewood Incline Railway Co. Ltd.	PA Pittsburgh	1886	1900				RR: Inclined Plane/
Rigi Railways (Rigi Bahn)(Vitznau-Rigi)	Switzerland Lake Luzerne	1992					RR: Cog Railway
Rimutaka Incline Railway (Rimutaka)	New Zealand Wellington	1878	1955		1,067	6.7%	RR: Inclined Plane/
Ritom funicular (Italian: Funicolare del)	Switzerland Piotta (Ticino canton)	1921		1	1,000	87.8%	RR: Funicular
Royal Gorge Incline Railway	CO Cañon City,	1931				100.0%	RR: Inclined Plane/
San Diego Cable Railway	CA San Diego	1889	1892			ng	RR: Cable Car Railway
San Diego Cable Railway	CA San Diego	1889	1894			3'6	RR: Cable Car Railway
San Francisco Municipal Railway-Cable	CA San Francisco	1944		112		21.0%	RR: Cable Car Railway
Santa Catalina Island Incine Railway	CA Santa Catalina	1904	1923				RR: Inclined Plane/
São Paulo Railway	Brazil São Paulo	1856			1,600	10.3%	RR: Inclined Plane/
Sausalito Incline Street Railway	CA Sausalito	1914					RR: Inclined Plane/
Schafberg Mountain Railway	Austria St. Wolfgang im	1893		4		26.0%	RR: Cog Railway
Schneeberg Railway	Austria Puchberg am			6	1,000	20.0%	RR: Cog Railway
Schynige Platte Railway (German:	Switzerland Wilderswil	1893		5	800	25.0%	RR: Cog Railway
Sea Cliff Incline Railway	NY Long Island	1886					RR: Funicular
Seattle Cable Railways	WA Seattle			22			RR: Cable Car Railway
Seattle Electric Company-Cable Car Lines	WA Seattle			22			RR: Cable Car Railway
Second Street Cable Railroad	CA Los Angeles	1885	1890	2	ng		RR: Cable Car Railway
Seventeenth Street Incline Plane	PA Pittsburgh	1905	1953				RR: Inclined Plane/
Seventh Avenue Incline Railway	MN Duluth	1891	1939	1			RR: Inclined Plane/
Shasta Springs Incline Railway	CA Shasta Springs						RR: Inclined Plane/
Sheridan Incline	CO Pandora	1890?					RR: Inclined Plane/
Shohola Glen Switchback Gravity Railroad	PA Shohola	1886	1908			4'3	RR: Inclined Plane/
Sierra Nevada Wood & Lumber Company	CA Hobart Mills	1873		1			RR: Inclined Plane/
Sioux City Cable Railway	IA Sioux City	1889	1894				RR: Cable Car Railway
Skagit Incline (Diablo Dam Incline)	WA Seattle	1927				34.0%	RR: Inclined Plane/
South Hadley Canal Railroad & Incline	MA South Hadley	1792	1805				RR: Inclined Plane/
South Pittsburg & Saw Mill Run Turnpike	PA Pittsburgh	1852					RR: Inclined Plane/
South Seattle Cable Railway	WA Seattle						RR: Cable Car Railway
Spring Hill Incline Plane Co.	PA Pittsburgh	1891					RR: Inclined Plane/
St. Clair Incline Plane Railway (South)	PA Pittsburgh	1885	1935			13.0%	RR: Inclined Plane/
St. Louis & Suburban Railway	MO St. Louis	1890	1906	28	ng		RR: Cable Car Railway
St. Louis Railroad - Cable Car Line	MO St. Louis	1891		18			RR: Cable Car Railway
St. Louis, Cable & Western Railway	MO St. Louis	1884	1890	16	ng		RR: Cable Car Railway
St. Louis, Creve Coeur & St. Charles	MO St. Louis	1879	1884		ng		RR: Cable Car Railway
Stanserhorn Bahn (cog railway and	Switzerland Nidwalden (near	1893		3			RR: Cog Railway
Stansstad-Engelberg Railway (StEB)	Switzerland Stansstad	1898	1964	15	1,000	25.0%	RR: Cog Railway
Strbské Pleso-Štrba rack railway	Slovakia Štrba	1896			1,000	15.0%	RR: Cog Railway
Sunrise Peak Aerial Tramway	CO Silver Plume	1907					RR: Aerial Tramway

Railways that Climb Cable Car, Incline, Funicular and Cog Railways

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Railroad name	Location		Incor	Close	Mileag	Gauge	Grade%	Business type
Sutter Street Cable Railway	CA	San Francisco	1887	1902				RR: Cable Car Railway
Telegraph Hill Street Railroad	CA	San Francisco	1884	1887	1	ng		RR: Cable Car Railway
Temple Street Cable Railway	CA	Los Angeles	1885	1902	4	ng		RR: Cable Car Railway
Tenth Street Incline Plane	PA	Pittsburgh	1893					RR: Incline Plane/
Terrasse Dufferin Funicular Railway	Canada	Montreal	1885	1920				RR: Funicular
Territet–Glion funicular railway (Chemin)	Switzerland	Territet	1883			1,000		RR: Funicular
The Traction Company	PA	Philadelphia	1884					RR: Cable Car Railway
Third Avenue Railroad-Cable Car lines	NY	New York	1886					RR: Cable Car Railway
Troy Hill Incline Plane & Bridge Co	PA	Pittsburgh	1888	1898				RR: Incline Plane/
Troy Hill Incline Plane Co	PA	Pittsburgh	1884	1888				RR: Incline Plane/
Uncanoonuc Incline Railway &	NH	Goffstown	1903	1941	4		35.0%	RR: Incline Plane/
Union Cable Railway	MO	Kansas City	1889	1889				RR: Cable Car Railway
Union Lumber Company Ten Mile Branch	CA	Rockport					70.0%	RR: Incline Plane/
United Railroads of San Francisco	CA	San Francisco	1902	1921	273			RR: Cable Car Railway
Vall de Núria Rack Railway	Spain	Ribes de Freser	1931		8	1,000		RR: Cog Railway
Vitznau – Rigi Bahn Railway	Switzerland	Vitznau	1869		3		25.0%	RR: Cog Railway
Washington & Georgetown Railroad	DC	Washington	1890	1895				RR: Cable Car Railway
Washington Incline Plane Co.	PA	Pittsburgh	1894					RR: Incline Plane/
Washington Street & State Asylum	NY	Binghamton	1885	1888	4	4'		RR: Cable Car Railway
Weehawken Incline Railway (Eldorado)	NJ	Weehawken					72.0%	RR: Incline Plane/
Wengernalp Railway (German:	Switzerland	Lauterbrunnen	1893		12	800		RR: Cog Railway
Wentworth Incline (Hamilton & Barton	Canada	Hamilton	1895	1936			40.0%	RR: Incline Plane/
West Chicago Street Railroad - Cable car	IL	Chicago	1890		30			RR: Cable Car Railway
West Pittsburg Incline Plane Co.	PA	Pittsburgh	1871					RR: Incline Plane/
West Seattle Cable Railway	WA	Seattle	1890	1897			3'6	RR: Cable Car Railway
West Second Street Cable Railroad	CA	Los Angeles	1885	1890			3'6	RR: Cable Car Railway
West Side & Yonkers Patent Railway	NY	New York	1868	1870			4'10"	RR: Cable Car Railway
Whirlpool Rapids Incline (Incline Plane)	Canada	ON Niagara Falls	1876	1934				RR: Incline Plane/
Whitney Lumber Co. - Tillamook, OR	OR	Tillamook	1925	1927				RR: Incline Plane/
Wisconsin Logging & Timber Company	WA	Stella	1908	1924			66.0%	RR: Incline Plane/
Wyoming Gravity Railroad (Incline Plane)	PA	Wyoming	1859					RR: Cable Car Railway
Yesler Cable Railway	WA	Seattle	1887					RR: Cable Car Railway
Yosemite Lumber Company Incline	CA	El Portal	1910	1929	2		77.0%	RR: Cable Car Railway
Yosemite Valley Railway (Trumbull Peak	CA	Incline (El Portal)	1912	1942	2		65.0%	RR: Incline Plane/
Zentralbahn (Brunig Railway)	Switzerland	Lucerne	2005		68	1,000	25.0%	RR: Cog Railway