

Bridges, Tunnels and Mountain Passes by Location

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Location-Country, State, Place Name-City			In Service	End Service	Elev (Feet)	Length (Feet)	Grade %	RR Name	Facility Type
AK	Chitina (Valdez-	Gilahina Bridge	1911			180		Copper River & Northwestern	Bridge- Historic Site
AK	Cordova	Miles Glacier Bridge ("Million	1909			1,550		Copper River & Northwestern	Bridge- Historic Site
AK	Denali Park	Broad Pass MP 304			2,363		Alaska Railroad	Track: Grade	
AK	Healy	Garner Tunnel					Alaska Railroad	Tunnel	
AK	Hurricane	Hurricane Gulch Bridge	1921			914		Alaska Railroad	Bridge
AK	Hurricane	Susitana River Bridge MP 264					Alaska Railroad	Bridge- Historic Site	
AK	Nenana	Mears Memorial Bridge	1923				Alaska Railroad	Bridge	
AK	Riverhead	Broad Pass MP 304	1923		2,363		Alaska Railroad	Track: Grade	
AK	Seward	Bartlett Glacier MP 48.2					3.0% Alaska Railroad	Track: Grade - 3.0%	
AK	Whittier	Anton Anderson Memorial				13,300	Alaska Railroad	Tunnel 13,300 Feet long	
AK	Whittier	Portage Tunnel					Alaska Railroad	Tunnel	
AL	Altoona (Gallant)	Tumlin Gap Tunnel	1905			1,900		Louisville & Nashville Railroad	Tunnel- Historic Site
AL	Berry							Bridge	
AL	Birmingham	Brocks Gap Tunnel	1858				South & North Alabama Railroad	Tunnel	
AL	Birmingham	Tuscaloosa Warrior River Bridge	1898				Mobile & Ohio Railroad	Bridge	
AL	Birmingham	Coosa Tunnel	1888			1,000	Central of Georgia Railway	Tunnel	
AL	Decatur					800	Louisville & Nashville Railroad	Bridge	
AL	Edwardsville						Georgia-Pacific	Bridge	
AL	Florence		1859				Memphis & Charleston Railway	Bridge- Historic Site	
AL	Gadsden		1910					Bridge	
AL	Haleyville	Brushy Creek trestle	1907	1988		1,230		Illinois Central Railroad	Bridge
AL	Leeds	Leeds Tunnel				1,200	Central of Georgia Railway	Tunnel	
AL	Mobile	Mobile River Drawbridge	1927	2013		1,042	Louisville & Nashville Railroad	Bridge	
AL	Mobile	Mobile River Drawbridge	2013				CSX Corporation	Bridge	
AL	Northport	Northport Bridge	1898			3,600		Mobile & Ohio Railroad	Bridge- Historic Site
AL	Trussville						Norfolk Southern Railway	Bridge	
AL	Wilhites	Sand Mountain					1.2% Louisville & Nashville Railroad	Track: Grade - 1.2%	
AR	Cotter	Cotter Tunnel	1903					White River Railway (of Arkansas)	Tunnel- Historic Site
AR	DeValls Bluff	DeValls Bluff Bridge	1871			2,671		Memphis & Little Rock Railroad	Bridge 2,671 Feet long
AR	Ft. Smith	Ft. Smith Bridge	1915					St. Louis & San Francisco Railroad	Bridge
AR	Ft. Smith	Helen Gould Bridge	1891					St. Louis, Iron Mountain & Southern	Bridge
AR	Fulton	Red River Bridge	1874					Cairo & Fulton Railroad Company of	Bridge
AR	Little Rock	Junction Bridge	1884			1,614		Little Rock Junction Railway	Bridge
AR	Little Rock	Rock Island Bridge	1899	1980		1,614		Choctaw & Memphis Railroad	Bridge
AR	Mena	Rich Mountain					1.5% Kansas City, Pittsburg & Gulf	Track: Grade - 1.5%	
AR	Redfield	West James Street Bridge	1924					Missouri Pacific Railroad	Bridge- Historic Site
AR	West Memphis	Harahan Bridge	1918			4,973			Bridge 4,973 Feet long
AR	Winslow	Winslow Tunnel				1,683		Missouri, Arkansas & Southern	Tunnel
AR	Winslow	Winslow Viaduct						St. Louis & San Francisco Railroad	Bridge
AZ	Ash Fork	Johnson Canyon Tunnel	1882			325	3.0%	Atlantic & Pacific (Western	Tunnel - 3.0% Grade
AZ	Canyon Diablo	Two Guns Bridge	1890					Atchison, Topeka & Santa Fe	Bridge
AZ	Hogpen Spring	Josephine Tunnel and Trestle			3,786				Tunnel
AZ	Morenci	Morenci Gulch Trestle	1901					Morenci Southern Railway	Bridge
AZ	Nelson	Nelson Tunnel						Burlington Northern & Santa Fe	Tunnel
AZ	Parker		1907			1,400		Atchison, Topeka & Santa Fe	Bridge
AZ	Prieta	Ramsgate Hill Sierra Prieta				6,100	3.0%	Santa Fe, Prescott & Phoenix	Track: Grade - 3.0%
AZ	Tempe	Salt River Bridge	1906			1,270		Maricopa & Phoenix & Salt River	Bridge
AZ	Tempe	Salt River Bridge	1915			1,056		Arizona Eastern Railroad (1899)	Bridge- Historic Site
AZ	Topock		1945			1,500		Atchison, Topeka & Santa Fe	Bridge
AZ	Yuma		1923			400		Southern Pacific Railroad	Bridge
AZ	Yuma		1923					Southern Pacific Railroad	Bridge
AZ	Yuma		1923					Southern Pacific Railroad	Bridge
CA	Afton	Afton Canyon Cima Subdivision						Union Pacific Railroad	Track: Grade
CA	Alameda	Fruitvale Bridge	1951	2000				Alameda Belt Line	Bridge
CA	Auberry	Webstone Grade					5.3%	San Joaquin & Eastern Railroad	Track: Grade - 5.3%
CA	Auburn	Bloomer Cut	1865			1,000		Central Pacific Railroad	Tunnel
CA	Azalea	Big Canyon Trestle				1,320		Southern Pacific Railroad	Bridge

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CA	Banning	San Gorgonio Pass (Banning	1875		2,592		Southern Pacific Railroad	Track: Grade
CA	Beaumont	San Gorgonio Pass (Beaumont	1875		1,591	2.0%	Southern Pacific Railroad	Track: Grade - 2.0%
CA	Belden (Poe)	North Fork Bridge				943	Western Pacific Railroad	Bridge
CA	Berkeley		1973				Bay Area Rapid Transit (BART)	Tunnel
CA	Berkeley	North Berkeley Tunnel (Northbrae			465		Southern Pacific East Bay Electric	Tunnel
CA	Bodie	Mt. Montgomery Pass	1883		7,138	247	2.3% Carson & Colorado Railroad	Track: Grade - 2.3%
CA	Cajon	Cajon Pass and Sullivan's	1883		3,820		3.0% Atchison, Topeka & Santa Fe	Track: Grade- Historic
CA	Campbell	Tunnel #1				6,200	South Pacific Coast Railroad	Tunnel 6,200 Feet long
CA	Campbell	Tunnel #2				5,200	South Pacific Coast Railroad	Tunnel 5,200 Feet long
CA	Carrizo Gorge	Carrizo Gorge	1919		3,660	2.2%	San Diego & Arizona Railway	Track: Grade - 2.2%
CA	Chatsworth	Santa Susana Tunnel	1904			7,369	Southern Pacific Railroad	Tunnel 7,369 Feet long
CA	Chilcoot-Vinton	Beckwourth Pass	1909		5,220		Western Pacific Railroad	Track: Grade
CA	Chilcoot,	Chilcoot Tunel	1906		5,221	6,001	Western Pacific Railroad	Tunnel 6,001 Feet long
CA	Cima	Cima Grade			4,164	4,224	2.2% Los Angeles & Salt Lake Railroad	Track: Grade - 2.2%
CA	Clio	Clio Trestle					Western Pacific Railroad	Bridge
CA	Clipper Gap	Clipper Gap Tunnel	1875				Central Pacific Railroad	Bridge- Historic Site
CA	Colfax	Bear River Bridge			900		Nevada County Narrow Gauge	Bridge
CA	Colfax	Donner Pass Tunnel 28 MP	1910			3,200	Central Pacific Railroad	Tunnel- Historic Site
CA	Colfax (Cape Horn	Cape Horn				2.4%	Central Pacific Railroad	Track: Grade - 2.4%
CA	Corte Madera	White's Hill	1874		1,250		North Pacific Coast Railroad	Tunnel
CA	Elk	Gibraltar Trestle	1916			160	Goodyear Redwood Company	Bridge
CA	Emigrant Gap	Emigrant Gap				5,187	2.4% Central Pacific Railroad	Track: Grade - 2.4%
CA	Ft. Bragg	Pudding Creek Trestle	1916	1949		527	Ten Mile Railroad	Bridge
CA	Ft. Bragg	Tunnel No. 1				1,122	California Western Railroad	Tunnel
CA	Gaviota	Gaviota Trestle				811	Southern Pacific Railroad	Bridge
CA	Glen Frazer	Franklin Tunnel	1907			5,940	Atchison, Topeka & Santa Fe	Tunnel 5,940 Feet long
CA	Hercules	Franklin Canyon					Burlington Northern & Santa Fe	Track: Grade
CA	Hetch Hetchy	Poopenaut Pass			5,064		4.5% Hetch Hetchy Railroad	Track: Grade - 4.5%
CA	Highland Park	Arroyo Seco Bridge	1896			700	California Southern Railroad	Bridge- Historic Site
CA	Highland Park	Arroyo Seco Bridge					Pasadena & Los Angeles Electric	Bridge
CA	Jacumba	Goat Canyon Trestle (Goat	1933	2008		750	San Diego & Arizona Railway	Bridge- Historic Site
CA	Keddie	Spanish Creek Trestle (aka	1909				Western Pacific Railroad	Bridge
CA	Keeler	Montgomery Pass	1883		7,100	247	2.8% Carson & Colorado Railroad	Track: Grade - 2.8%
CA	Kelso	Cima Grade					2.2% Los Angeles & Salt Lake Railroad	Track: Grade - 2.2%
CA	Laurel (Santa	Santa Cruz Branch				5,793	Southern Pacific Railroad	Tunnel 5,793 Feet long
CA	Livermore	Altamont Pass	1873				Southern Pacific Railroad	Track: Grade
CA	Livermore	Carroll Overhead Bridge,	1923				Southern Pacific Railroad	Bridge- Historic Site
CA	Loma Linda	Beaumont Hill (San Gorgonio	1870		2,500	2.0%	Southern Pacific Railroad	Track: Grade - 2.0%
CA	Los Angeles		1874				Los Angeles & San Pedro Railroad	Bridge
CA	Los Angeles	Aliso Street Bridge					Pacific Electric Railway	Bridge
CA	Los Angeles	Arroyo Seca Bridge	1895			900	Pacific Electric Railway	Bridge
CA	Los Angeles	Arroyo Seco River First Crossing	1876				Southern Pacific Railroad	Bridge
CA	Los Angeles	Arroyo Seco Santa Fe Bridge	1896		100	700	Atchison, Topeka & Santa Fe	Bridge- Historic Site
CA	Los Angeles	Downey Avenue Viaduct	1889				Los Angeles Cable Railway	Bridge
CA	Los Angeles	Pacific Electric Subway	1925			1,045	Pacific Electric Railway	Tunnel
CA	Martinez	Martinez Bridge	1930			8,976	Southern Pacific Railroad	Bridge 8,976 Feet long
CA	Menlo Park	Dumbarton Bridge	1910	1982		8,448	Central California Railroad	Bridge 8,448 Feet long
CA	Mill Valley	Alto Tunnel (Marin County)	1884				North Pacific Coast Railroad	Tunnel
CA	Mill Valley	Mt. Tamalpais Gravity car			2,500		8.2% Mill Valley & Mt. Tamalpais Scenic	Track: Grade - 8.2%
CA	Mossdale	Mossdale Bridge	1869			526	Central Pacific Railroad	Bridge
CA	Napa		1928				Napa Valley Railroad	Bridge- Historic Site
CA	Needles	Colorado River Bridge at	1883				Atchison, Topeka & Santa Fe	Bridge
CA	Norden	Norden	1861		6,891		1.9% Central Pacific Railroad	Track: Grade - 1.9%
CA	Norden	Summit Tunnel Donner Pass	1867	1993	7,000	1,659	Central Pacific Railroad	Tunnel
CA	Novato	Black Point Swing Bridge	1907				Northwestern Pacific Railroad	Bridge
CA	Oakland	26th Street Junction Bridge					Interurban Electric Railway	Bridge
CA	Oakland	Caldecott tunnel (Redwood	1911			3,700	4.0% Oakland, Antioch & Eastern	Tunnel - 4.0% Grade

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CA	Oakland	Oakland Hills-Rockridge grade	1911			4.0%	Oakland, Antioch & Eastern	Track: Grade - 4.0%	
CA	Oroville	Feather River Bridge						Bridge	
CA	Oroville	Feather River Canyon Line		5,220		1.0%	Western Pacific Railroad	Track: Grade - 1.0%	
CA	Oroville	Tunnel No. 4	1957	1962	2,750		Western Pacific Railroad	Tunnel 2,750 Feet long	
CA	Oroville	Tunnel No. 8	1957	1962	8,830		Western Pacific Railroad	Tunnel 8,830 Feet long	
CA	Palmdale	Vincent Grade				2.3%	Southern Pacific Railroad	Track: Grade - 2.3%	
CA	Pasadena	Marmion Way Bridge			900		Pasadena Street Railway	Bridge	
CA	Pasadena	York Boulevard bridge			750		Union Pacific Railroad	Bridge	
CA	Petaluma	Haystack Landing Railroad	1904				Northwestern Pacific Railroad	Bridge- Historic Site	
CA	Placer	Donner Pass		7,085		2.8%	Southern Pacific Railroad	Track: Grade - 2.8%	
CA	Placer	Donner Pass Tunnels (Summit		7,085		2.2%	Southern Pacific Railroad	Tunnel - 2.2% Grade	
CA	Placer County	Central Pacific	1868				Central Pacific Railroad	Tunnel- Historic Site	
CA	Quincy (East	Williams Loop		3,500			Western Pacific Railroad	Track: Grade	
CA	Redding	Sacramento River Bridge	1945		4,346		Southern Pacific Railroad	Bridge 4,346 Feet long	
CA	Riverbank	Stanislaus River Bridge	1905				Atchison, Topeka & Santa Fe	Bridge- Historic Site	
CA	Sacramento	I Street Bridge	1911		400		Southern Pacific Railroad	Bridge	
CA	Sacramento	M Street Bridge	1911	1935	600		Northern Electric Railway	Bridge	
CA	Sacramento	Southern Pacific Drawbridge					Southern Pacific Railroad	Bridge	
CA	Sacramento	Tower Bridge	1935		737		Western Pacific Railroad	Bridge- Historic Site	
CA	San Diego	Miramar Hill				2.3%	Atchison, Topeka & Santa Fe	Track: Grade - 2.3%	
CA	San Fernando	Newhall Pass	1910	750			Southern Pacific Railroad	Track: Grade	
CA	San Fernando	San Fernando Tunnel (Newhall	1910		750		Southern Pacific Railroad	Tunnel	
CA	San Francisco	Bay Bridge (East Bay Bridge)	1936		20,480		Key System Transit	Bridge 20,480 Feet long	
CA	San Francisco	Ft. Mason Tunnel					State Belt Railroad of California	Tunnel	
CA	San Francisco	Market Street Subway	1978		18,480		Muni Metro	Tunnel 18,480 Feet long	
CA	San Francisco	Sunset Tunnel	1928		4,232		San Francisco Municipal Railway	Tunnel 4,232 Feet long	
CA	San Francisco	Transbay Tube - BART	1974		19,008		Bay Area Rapid Transit (BART)	Tunnel 19,008 Feet long	
CA	San Francisco	Twin Peaks Tunnel	1918		12,144		Market Street Railway (1921)	Tunnel 12,144 Feet long	
CA	San Luis Obispo	Cuesta Grade	1894			2.2%	Southern Pacific Railroad	Track: Grade - 2.2%	
CA	San Luis Obispo	Cuesta Grade & Tunnel	1894	1,340	89,760		Southern Pacific Railroad	Tunnel 89,760 Feet long	
CA	San Pedro	Henry Ford Bridge (Badger	1924	1996			Pacific Electric Railway	Bridge	
CA	Scotia	Cairn Rock Bridge - Scotia Bluffs					Northwestern Pacific Railroad	Bridge	
CA	Scotia	Scotia Bluffs					Pacific Lumber Company Railroad	Bridge	
CA	Searles	Tunnel 29			4,340		Trona Railway	Tunnel 4,340 Feet long	
CA	Simi Valley	Simi Valley Tunnel #26					Southern Pacific Railroad	Tunnel	
CA	Soda Springs	Yuba Gap (Yuba Pass					Central Pacific Railroad	Track: Grade	
CA	Spring Garden	Spring Garden Tunnel	1909		7,344		Western Pacific Railroad	Tunnel 7,344 Feet long	
CA	Tobin	Tobin Twin Bridges					Western Pacific Railroad	Bridge	
CA	Torrance	Pacific Electric Railway- EI	1913				Pacific Electric Railway	Bridge- Historic Site	
CA	Tuolumne	Strawberry Grade ("Peeled	1927				Pickering Lumber Company	Track: Grade	
CA	Victorville	Mojave River Bridge					Atchison, Topeka & Santa Fe	Bridge	
CA	Walong	Tehachapi Pass and Loop	1876		3,793	147,840	2.5%	Southern Pacific Railroad	Track: Grade- Historic
CA	West	Lisbon Trestle (Arcade Trestle)		1962	21,120		Sacramento Northern Railway	Bridge 21,120 Feet long	
CA	Wilmington	Wilmington Bascule Bridge	1911	1955			Southern Pacific Railroad	Bridge	
CA	Wright's (Santa	Santa Cruz Branch			6,157		Southern Pacific Railroad	Tunnel 6,157 Feet long	
CO	Aspen	Maroon Creek Trestle	1888	1919	600		Colorado Midland Railroad	Bridge- Historic Site	
CO	Atchee	Baxter Pass		8,400		7.5%	Uintah Railway (Unitah Ry)	Track: Grade - 7.5%	
CO	Baltimore (East	Moffat Tunnel	1928		9,239	32,253	2.0%	Denver & Salt Lake Railway	Tunnel- Historic Site
CO	Basalt	Mallon Tunnel (Hell Gate)			528		Colorado Midland Railroad	Tunnel	
CO	Blanca	San Luis Valley Southern Ry	1910	1939			San Luis Southern Railway	Bridge- Historic Site	
CO	Busk	Busk-Ivanho Tunnel (Carlton	1890	1922	10,953	9,394	1.6%	Colorado Midland Railroad	Tunnel - 1.6% Grade
CO	Canon City	Hanging Bridge Royal Gorge	1879					Bridge	
CO	Canon City	Royal Gorge Bridge and Incline	1929		1,220			Bridge- Historic Site	
CO	Carlton	Busk-Ivanho Tunnel (Carlton	1884		10,953	9,394		Colorado Midland Railroad	Tunnel 9,394 Feet long
CO	Cimarron	Cimarron Trestle					Denver & Rio Grande Railroad	Tunnel- Historic Site	
CO	Cimarron	Cimarron Trestle					Denver & Rio Grande Railroad	Bridge- Historic Site	
CO	Cimarron	Crystal Creek bridge in the near					Denver & Rio Grande Railroad	Bridge	

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CO	Climax	Fremont Pass	1883	1938	11,300		Denver, South Park & Pacific	Track: Grade	
CO	Como	Boreas Pass	1882	1938	11,482	4.0%	Denver, South Park & Pacific	Track: Grade - 4.0%	
CO	Crested Butte	Kebler Pass Floresta Mine	1893		10,007		Denver & Rio Grande Railroad	Track: Grade	
CO	Cumbres	Cumbres Pass	1880		10,015	5.8%	Denver & Rio Grande Railroad	Track: Grade- Historic	
CO	Cumbres	Cumbres Pass			10,015	5.8%	Cumbres & Toltec Scenic Railroad	Track: Grade- Historic	
CO	Cumbres	Cumbres Pass	1870		10,015		Denver & Rio Grande Railroad	Track: Grade	
CO	Divide	Ute Pass	1887	1921	9,165	4.0%	Colorado Midland Railroad	Track: Grade - 4.0%	
CO	Elevenmile						Colorado Midland Railroad	Track: Grade	
CO	Florence	Bridge No. 10 / Adelaide Bridge	1894				Florence & Cripple Creek Railroad	Bridge- Historic Site	
CO	Florence	Phantom Canyon Tunnel No. 1 &	1894				Florence & Cripple Creek Railroad	Tunnel	
CO	Florence	Rio Grande Railroad Viaduct	1931		322		Denver & Rio Grande Western	Bridge- Historic Site	
CO	Grand Junction	Grand River Bridge					Denver & Rio Grande Western	Bridge	
CO	Gunnison	Curecanti Needle (Cerro Pass)				4.0%	Denver & Rio Grande Railroad	Track: Grade - 4.0%	
CO	Gunnison	Gunnison Line (Black Canyon	1882	1955			Denver & Rio Grande Railroad	Track: Grade	
CO	Gunnison	Ohio Pass					Denver, South Park & Pacific	Track: Grade	
CO	Hartsel	Trout Creek Pass			9,346	5.0%	Denver, South Park & Pacific	Track: Grade - 5.0%	
CO	Kremmling	Gore Canyon	1906				Denver, Northwestern & Pacific	Track: Grade	
CO	La Veta	La Veta Pass (Muleshore	1877	1953	9,242	4.0%	Denver & Rio Grande Railroad	Track: Grade - 4.0%	
CO	Lake	Deansbury Bridge	1922				Denver, South Park & Pacific	Bridge	
CO	Lake City	High Bridge	1889	1933		800	Denver & Rio Grande Railroad	Bridge	
CO	Leadville	Eagle River Canyon					Denver & Rio Grande Western	Track: Grade	
CO	Leadville	Hagerman Pass (High Line)	1886	1894	11,530	2,060	4.0%	Colorado Midland Railroad	Track: Grade - 4.0%
CO	Leadville	Hagerman Pass Trestle	1886	1894	11,530	1,084	4.0%	Colorado Midland Railroad	Bridge - 4.0% Grade
CO	Leadville	Hagerman Tunnel (Cooke Pass)	1886	1894	11,500	2,060	3.0%	Colorado Midland Railroad	Tunnel - 3.0% Grade
CO	Littleton	Platte Canyon			9,130		Denver, South Park & Pacific	Track: Grade	
CO	Lizard Head Pass	Lizard Head Pass	1891	1952	10,222		3.0%	Rio Grande Southern Railway	Track: Grade - 3.0%
CO	Marshall Pass/	Marshall Pass	1881	1955	10,856		4.0%	Denver & Rio Grande Railroad	Track: Grade - 4.0%
CO	Minturn	Tennessee Pass	1887	1997	10,223		3.0%	Denver & Rio Grande Railroad	Track: Grade - 3.0%
CO	Ophir	Ophir Loop & Trestle			10,250		3.0%	Rio Grande Southern Railway	Track: Grade - 3.0%
CO	Ophir	Ophir Loop Trestle (Butterfly	1889		9,096	338		Rio Grande Southern Railway	Bridge
CO	Ophir (Ames)	Ames Trestle					Rio Grande Southern Railway	Bridge	
CO	Poncha Junction	Monarch Pass (Poncha Pass	1881	1984	9,000		4.8%	Denver & Rio Grande Railroad	Track: Grade - 4.8%
CO	Poncha Springs	Poncha Pass			9,000		Denver & Rio Grande Railroad	Track: Grade	
CO	Red Mountain	Red Mountain Pass	1888		11,113		Silverton Railroad (Red Mountain	Track: Grade	
CO	Rollinsville	Rollins Pass (Corona Pass)	1904	1931	11,700	121,440	4.0%	Denver, Northwestern & Pacific	Track: Grade - 4.0%
CO	Salida	Tennessee Pass	1881	1997	10,500		3.5%	Denver & Rio Grande Railroad	Track: Grade - 3.5%
CO	Silver Plume	Mt. McClellan	1906	1918	13,117		6.0%	Argentine Central Railway	Track: Grade- Historic
CO	St. Elmo	Alpine Pass	1881	1910			Denver, South Park & Pacific	Track: Grade- Historic	
CO	St. Elmo	Alpine Tunnel	1881	1910	11,612	1,772	4.0%	Denver, South Park & Pacific	Tunnel- Historic Site
CO	Walsenburg	La Veta Pass	1877	1953	9,393		4.0%	Denver & Rio Grande Railroad	Track: Grade - 4.0%
CO	Waterton	Platte Canyon Pass			10,000		7.0%	Denver, South Park & Pacific	Track: Grade - 7.0%
CO	Webster	Kenosha Pass	1879		9,990		7.0%	Denver, South Park & Pacific	Track: Grade - 7.0%
CT	Bridgeport	Pequonnock River Railroad	1902				New York, New Haven & Hartford	Bridge	
CT	Colchester	Lyman Viaduct	1873			1,000	Boston & New York Air Line	Bridge- Historic Site	
CT	Colchester	Rapallo Viaduct	1873			800	Boston & New York Air Line	Bridge	
CT	East Lyme	Niantic River Bridge	1907				New York, New Haven & Hartford	Bridge	
CT	Greenwich	Mianus River Railroad Bridge	1904				New York, New Haven & Hartford	Bridge- Historic Site	
CT	Groton		1919			1,394	New York, New Haven & Hartford	Bridge- Historic Site	
CT	Lisbon	Taft Tunnel	1837			300	Norwich & Worcester Railroad	Tunnel	
CT	Milford	Housatonic River Railroad	1904				New York, New Haven & Hartford	Bridge- Historic Site	
CT	Mystic	Mystic River Bridge	1984					Bridge	
CT	New London	Shaw's Cove Bridge	1984			1,389		Bridge	
CT	New London	Thames River Bridge	1889			1,389	New York, New Haven & Hartford	Bridge	
CT	Newtown	Hawleyville Tunnel (Abandoned	1881	1948			New York & New England Railroad	Tunnel	
CT	Newtown	Hawleyville Tunnel (Abandoned	1840	1911			Housatonic Railroad (No. 1)	Tunnel	
CT	Norfolk	State Line Hill	1872				Central Vermont Railway	Track: Grade	
CT	Norwalk	Norwalk River Railroad Bridge	1896				New York, New Haven & Hartford	Bridge- Historic Site	

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CT	Old Saybrook	Connecticut River Railroad	1870					New York, New Haven & Hartford	Bridge
CT	Old Saybrook	Connecticut River Railroad	1907					New York, New Haven & Hartford	Bridge
CT	Westport	Saugatuck River Railroad	1905					New York, New Haven & Hartford	Bridge- Historic Site
DC	Washington		1898					Pennsylvania Railroad	Bridge
DC	Washington	14th Street Bridge						Chesapeake & Ohio Railway	Bridge
DC	Washington	Anacostia Bridge	1872					Baltimore & Potomac Railroad	Bridge
DC	Washington	Charles R. Fenwick Bridge	1983					Washington Metropolitan Area	Bridge
DC	Washington	First Street Tunnel	1906					Washington Terminal Co	Tunnel
DC	Washington	Long Bridge (14th St. Bridge)	1861					Baltimore & Ohio Railroad	Bridge
DC	Washington	Taft Bridge (Connecticut	1907			901			Bridge- Historic Site
DC	Washington	Virginia Avenue Tunnel	1908					Baltimore & Potomac Railroad	Tunnel
DE	Wilmington	Augustine Bridge	1886					Baltimore & Ohio Railroad	Bridge- Historic Site
FL	Ft. Lauderdale	New River Bridge							Bridge
FL	Jacksonville	St. Johns River Bridge #1	1890					Jacksonville Bridge Company	Bridge
FL	Jacksonville	St. Johns River Bridge #2	1925					Florida East Coast Railway	Bridge
FL	Layton	Long Key Bridge	1907	1935				Florida East Coast Railway	Bridge
FL	Marathon	Seven Mile Bridge (original	1912	1935		36,960		Florida East Coast Railway	Bridge 36,960 Feet long
FL	Miami	Key West Extension						Florida East Coast Railway	Tunnel
FL	Monroe	Bow Channel Bridge	1912	1935				Florida East Coast Railway	Bridge
FL	Ormond Beach							Florida East Coast Railway	Bridge
FL	Palatka		1888					Palatka Bridge Company	Bridge
FL	Tampa (West	Columbus Drive Bridge	1926			470		Florida Interurban Rapid Transit	Bridge- Historic Site
GA	Atlanta	Brushy Mountain Tunnel	1912	1988		800		Seaboard Air Line Railway	Tunnel
GA	Savannah	1853 Brick Arch Viaduct	1853					Central of Georgia Railway	Bridge
GA	Savannah	1860 Brick Arch Viaduct	1860					Central of Georgia Railway	Bridge
GA	Savannah	Boundary Street & Savannah-	1853					Central of Georgia Railway	Bridge
GA	Savannah	Hutchinson Island Bridge	1899					Seaboard Air Line Railway	Bridge
GA	Savannah	Talmadge Bridge	1954					Seaboard Air Line Railway	Bridge
GA	Tunnel Hill	Chetoogeta Mountain Tunnel	1850	1928		1,447		Western & Atlantic Railroad	Tunnel- Historic Site
GA	West Point	West Point Railroad Bridge						Atlanta & West Point Railroad	Bridge
IA	Boone	Boone High Bridge	1905			800		Newton & Northwestern Railroad	Bridge
IA	Boone	Kate Shelley High Bridge	1901		185	2,685		Chicago & North Western Railway	Bridge 2,685 Feet long
IA	Boone (Fraser:10	Boone High Bridge	1904					Ft. Dodge, Des Moines & Southern	Bridge
IA	Burlington	Burlington, IA Bridge #1	1868	1893		2,145		Chicago, Burlington & Quincy	Bridge
IA	Burlington	Burlington, IA Bridge #2 (Swing	1893	2011		2,145		Chicago, Burlington & Quincy	Bridge
IA	Burlington	Burlington, IA Bridge #3	2011			2,145		Chicago, Burlington & Quincy	Bridge
IA	Burlington	West Burlington Hill						Chicago, Burlington & Quincy	Track: Grade
IA	Cedar Rapids	Cedar River Bridge	1898					Chicago & North Western Railway	Bridge
IA	Chariton	Chariton Hill						Chicago, Burlington & Quincy	Track: Grade
IA	Clinton		1909			890		Chicago & North Western Railway	Bridge
IA	Clinton	Clinton Bridge C&NW Bridge	1856					Chicago, Iowa & Nebraska Railroad	Bridge
IA	Council Bluffs	Missouri River Bridge at	1872					Union Pacific Railroad	Bridge
IA	Des Moines	Des Moines River Bridge						Chicago Great Western Railway	Bridge
IA	Dubuque	Dunleith & Dubuque Bridge	1869			1,760		Illinois Central Railroad	Bridge
IA	Estherville							Chicago & North Western Railway	Bridge
IA	Ft. Madison	Ft. Madison Bridge #1	1887	1927		1,925		Atchison, Topeka & Santa Fe	Bridge
IA	Ft. Madison	Ft. Madison Bridge #2	1927					Atchison, Topeka & Santa Fe	Bridge
IA	Harvey		1875					Chicago, Burlington & Quincy	Bridge- Historic Site
IA	Iowa Falls	Short Line Bridge						Des Moines, Iowa Falls & Northern	Bridge
IA	Jefferson							Chicago & North Western Railway	Bridge
IA	Keokuk	Keokuk & Hamilton Bridge	1871			2,194		Keokuk & Hamilton Bridge	Bridge- Historic Site
IA	Keokuk	Keokuk Bridge	1917			3,800		Wabash Railroad (1889)	Bridge 3,800 Feet long
IA	McIntire							Chicago Great Western Railway	Bridge
IA	Ottumwa	Ottumwa - Creston Grade						Chicago, Burlington & Quincy	Track: Grade
IA	Ottumwa	Ottumwa Hill						Chicago, Burlington & Quincy	Track: Grade
IA	Red Oak	Red Oak Hill						Chicago, Burlington & Quincy	Track: Grade
IA	Sabula	Sabula Bridge	1889					Chicago, Milwaukee, St. Paul &	Bridge

Bridges, Tunnels and Mountain Passes by Location

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IA	Sioux City		1917					Sioux City Terminal Railway	Bridge
IA	Sioux City	Missouri River Bridge	1888			1,500		Chicago, St. Paul, Minneapolis &	Bridge- Historic Site
IA	Sioux City	Missouri River Bridge	1982			1,500		Burlington Northern Railroad	Bridge
IA	Sioux City	Pacific Short Line Bridge	1896			1,940		Nebraska & Western Railway	Bridge- Historic Site
IA	Washington		1903					Chicago, Milwaukee & St. Paul	Bridge
ID	Avery	St. Joe River Canyon	1909					Chicago, Milwaukee, St. Paul &	Track: Grade
ID	Avery	St. Paul Pass	1906	1980	4,170		1.7%	Chicago, Milwaukee, St. Paul &	Track: Grade- Historic
ID	Clark Fork							Northern Pacific Railroad	Bridge
ID	Coeur d'Alene	Spokane River Bridge	1911					Idaho & Western Railway	Bridge
ID	Culdesac	Brodge 17 Lapwai Canyon	1907			483		Camas Prairie Railroad	Bridge
ID	Culdesac	Lapwai Canyon	1907					Camas Prairie Railroad	Track: Grade
ID	Grangeville	Lawyers Canyon Trestle	1908			1,520		Camas Prairie Railroad	Bridge
ID	Hope (Sandpoint)		1884	1904		6,500		Northern Pacific Railroad	Bridge 6,500 Feet long
ID	Lapwai	Half Moon Trestle	1907	2000				Camas Prairie Railroad	Bridge
ID	Plummer	Sorrento Tunnel (Watts Tunnel)				2,600		Chicago, Milwaukee, St. Paul &	Tunnel 2,600 Feet long
ID	Roland	St. Paul Pass Tunnel (Taft	1908	1980	4,169	8,771	1.8%	Chicago, Milwaukee, St. Paul &	Tunnel - 1.8% Grade
ID	Roland	Taft Tunnel	1908			8,771	1.7%	Chicago, Milwaukee, St. Paul &	Tunnel - 1.7% Grade
ID	Sandpoint	Funnel Railroad Bridge	1904			4,769		Northern Pacific Railroad	Bridge 4,769 Feet long
ID	Sandpoint	Sand Creek Bridge	1881			156		Northern Pacific Railroad	Bridge
ID	Sandpoint	Sand Point Bridge	1882			8,428		Northern Pacific Railroad	Bridge 8,428 Feet long
ID	Shoshone County	Clear Creek Trestle	1909					Chicago, Milwaukee, St. Paul &	Bridge
ID	St. Maries	Lake Benewah Trestle	1908					Chicago, Milwaukee, St. Paul &	Bridge
ID	Victor	Teton Pass to Yellowstone	1913					Oregon Short Line Railroad (1897)	Track: Grade
IL	Alton		1894	1988		2,060		Chicago & Alton Railroad (1861)	Bridge
IL	Alton	Alton Bridge	1894	1988		2,060		Chicago, Burlington & Quincy	Bridge
IL	Alton	Missouri & Illinois Bridge &	1892			6,400		Missouri & Illinois Bridge & Belt	Bridge 6,400 Feet long
IL	Alton	Wood River Bridge	1923					Chicago & Alton Railroad (1861)	Bridge
IL	Alton	Wood River Bridge	1923					Chicago & Alton Railroad (1861)	Bridge
IL	Aurora		1923					Elgin, Joliet & Eastern Railway	Bridge
IL	Aurora	Fox River Bridge	1852			450		Chicago & Aurora Railroad	Bridge
IL	Beardstown	Beardstown Bridge	1869			300		St. Louis, Rock Island & Chicago	Bridge
IL	Bement	Bement Hump over Wabash					3.6%	Illinois Terminal Railroad	Bridge - 3.6% Grade
IL	Blue Island		1935					Chicago, Rock Island & Pacific	Bridge
IL	Blue Island	Calumet-Sag Channel Bridges,	1935					Grand Trunk Western Railroad	Bridge- Historic Site
IL	Browning	Browning Hill		1923				Chicago, Burlington & Quincy	Track: Grade
IL	Buda	Buda Hill						Chicago, Burlington & Quincy	Track: Grade
IL	Byron	Rock River Bridge						Chicago & Pacific Railroad	Bridge
IL	Cairo	Illinois Central Railroad bridge	1889			20,461		Illinois Central Railroad	Bridge- Historic Site
IL	Carmi	Little Wabash River Bridge						St. Louis & Southeastern Railway	Bridge
IL	Chicago	12th St Bridge							Bridge
IL	Chicago	18th Street Bridge	1917						Bridge- Historic Site
IL	Chicago	Bridge No. 6	1915					Lake Shore & Michigan Southern	Bridge- Historic Site
IL	Chicago	Bridge No. Z-2						Chicago, Milwaukee & St. Paul	Bridge
IL	Chicago	Bridge No. Z-6						Chicago, Milwaukee & St. Paul	Bridge
IL	Chicago	Bridgeport Bridge	1906					Chicago & Alton Railway (1900)	Bridge- Historic Site
IL	Chicago	Calumet River Bridge						Elgin, Joliet & Eastern Railway	Bridge- Historic Site
IL	Chicago	Chicago & Alton Railroad	1906					Chicago & Western Indiana	Bridge- Historic Site
IL	Chicago	Chicago & Illinois Western	1914					Chicago & Western Indiana	Bridge- Historic Site
IL	Chicago	Chicago & Northwestern	1907					Chicago & North Western Railway	Bridge- Historic Site
IL	Chicago	Chicago & Western Indiana	1967					Chicago & Western Indiana	Bridge- Historic Site
IL	Chicago	Chicago, Milwaukee & St. Paul	1901					Chicago, Milwaukee & St. Paul	Bridge- Historic Site
IL	Chicago	Illinois Central Railroad Swing	1890					Chicago, Madison & Northern	Bridge- Historic Site
IL	Chicago	Illinois Central Railroad Swing	1900					Illinois Central Railroad	Bridge- Historic Site
IL	Chicago	Kinzie St. Bridge	1852					Galena & Chicago Union Railroad	Bridge
IL	Chicago	Kinzie Street Bridge	1908					Chicago & North Western Railway	Bridge
IL	Chicago	La Salle Street Tunnel	1871	1939				Chicago Surface Lines	Tunnel
IL	Chicago	Lake Shore & Michigan	1912					Lake Shore & Michigan Southern	Bridge- Historic Site

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IL	Chicago	Metropolitan West Side Elevated	1894				Metropolitan West Side Elevated	Bridge
IL	Chicago	Pennsylvania Railroad "Eight	1901				Pittsburgh, Cincinnati, Chicago &	Bridge- Historic Site
IL	Chicago	Pennsylvania Railroad Bridge	1914				Pennsylvania Railroad	Bridge- Historic Site
IL	Chicago	St. Charles Air Line Bridge						Bridge- Historic Site
IL	Chicago	Van Buren Street Tunnel	1871	1924	1,514		West Chicago Street Railroad	Tunnel
IL	Chicago	Washington Street Tunnel	1869	1953	1,605		Chicago Surface Lines	Tunnel
IL	Chillicothe	Chillicothe Rail Bridge			1,700		Burlington Northern & Santa Fe	Bridge
IL	Chillicothe						Atchison, Topeka & Santa Fe	Bridge
IL	Chillicothe	Edelstein Hill					Atchison, Topeka & Santa Fe	Track: Grade
IL	DePue	DePue Swing Bride (Illinois River	1900	1984			Indiana, Illinois & Iowa Railroad	Bridge
IL	East Dubuque	Dunleith & Dubuque Bridge	1868		1,760		Dubuque & Sioux City Railroad	Bridge
IL	East Dubuque	IC Tunnel (Dunleith)	1868				Illinois Central Railroad	Tunnel
IL	East Peoria	Illinois River Bridge	1909		1,080		Peoria & Pekin Union Railway	Bridge
IL	Elizabeth	Winston Tunnel	1888	1972	797	2,493	Chicago Great Western Railway	Tunnel
IL	Englewood	Englewood Flyover	2014				Norfolk Southern Corporation	Bridge
IL	Grayville		1881				Peoria, Decatur & Evansville	Bridge
IL	Joliet	Illinois & Michigan Canal Bridge	1935				Atchison, Topeka & Santa Fe	Bridge- Historic Site
IL	Keithsburg	Keithsburg Bridge	1889				Iowa Central Railway	Bridge
IL	Kingston	Kishwaukee River bridge					Chicago & North Western Railway	Bridge
IL	LaSalle		1855		2,875		Illinois Central Railroad	Bridge- Historic Site
IL	LaSalle-Peru		1914	1980			Illinois Valley & Northern Railroad	Bridge- Historic Site
IL	Meredosia	Meredosia Grade				2.0%	Wabash Railroad (1889)	Track: Grade - 2.0%
IL	Metropolis	Metropolis Bridge	1918		6,424		Chicago, Burlington & Quincy	Bridge 6,424 Feet long
IL	Montgomery		1903		430		Chicago, Burlington & Quincy	Bridge
IL	Oakford (Hilltop)	Hilltop Helper District					Chicago & Illinois Midland Railway	Track: Grade
IL	Oswego		1906				Aurora, Elgin & Chicago Railroad	Bridge
IL	Ottawa	Illinois & Michigan Canal					Illinois Terminal Railroad	Bridge
IL	Ottawa	Illinois River Bridge					Chicago, Burlington & Quincy	Bridge- Historic Site
IL	Peoria	Caldwell Hill				2.6%	Illinois Terminal Railroad	Track: Grade - 2.6%
IL	Peoria	Radnor Hill	1859				Chicago & North Western Railway	Track: Grade
IL	Quincy	Quincy Hill					Chicago, Burlington & Quincy	Track: Grade
IL	Quincy	Quincy, IL Bridge	1868				Chicago, Burlington & Quincy	Bridge
IL	Rock Island	Rock Island Railroad Bridge	1856				Chicago, Rock Island & Pacific	Bridge- Historic Site
IL	Rock Island	Spans Mississippi River	1896		1,608		Chicago, Rock Island & Pacific	Bridge
IL	Rockford						Chicago & North Western Railway	Bridge
IL	Rockford	Rock River Bridge	1875				Chicago, Rockford & Northern	Bridge
IL	Rockford	Rock River Bridge	1888				Chicago, Madison & Northern	Bridge
IL	Roscoe	Historic Stone Bridge					Chicago & North Western Railway	Bridge
IL	Savanna	Mississippi River Bridge					Chicago, Milwaukee & St. Paul	Bridge
IL	Sheridan						Chicago, Burlington & Quincy	Bridge
IL	Sherman	Sangamon River Bridge	1853				Alton & Sangamon Railroad	Bridge
IL	St. Charles						Chicago Great Western Railway	Bridge
IL	Sterling	Rock River Bridge					Chicago, Burlington & Quincy	Bridge
IL	Thebes	Thebes Bridge & Boat transfer	1905		3,959		Cape Girardeau & Thebes Bridge	Bridge 3,959 Feet long
IL	Wilmington		1944				Chicago & Alton Railroad (1861)	Bridge
IN	Noblesville						Union Traction Co of Indiana (1899)	Bridge
IN	Bedford	White River Bridge					Chicago, Indianapolis & Louisville	Bridge
IN	Bloomfield	Tulip Trestle	1906		2,295		Indianapolis Southern Railroad	Bridge
IN	Bloomington	Richland Creek Viaduct			2,215		Indianapolis Southern Railroad	Bridge
IN	Collamer	Eel River Bridge					Vandalia Railroad (1904)	Bridge
IN	Danville						Cleveland, Cincinnati, Chicago & St.	Bridge
IN	Evansville	Evansville-Henderson L & N	1885	1932			Louisville & Nashville Railroad	Bridge
IN	Evansville	Evansville-Henderson L & N	1932		12,123		Louisville & Nashville Railroad	Bridge 12,123 Feet long
IN	French Lick	Burton Tunnel (Burton's	1907		2,200		Southern Railway	Tunnel
IN	Georgetown	Duncan Hill (Edwardsville Hill)	1882		15,840	2.5%	Louisville, New Albany & St. Louis	Track: Grade - 2.5%
IN	Georgetown	Duncan Tunnel (Edwardsville	1881		4,295	2.9%	Louisville, New Albany & St. Louis	Tunnel - 2.9% Grade
IN	Hammond						Monon Railroad	Bridge

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IN	Indianapolis	Big Four Bridge over the White						Cleveland, Cincinnati, Chicago & St.	Bridge
IN	Jeffersonville	Court Street Trestle				2,000		Cleveland, Cincinnati, Chicago &	Bridge
IN	Lafayette							New York Central Railroad	Bridge
IN	Madison	Madison Hill	1841				5.9%	Madison & Indianapolis Railroad	Track: Grade - 5.9%
IN	Marion	Deer Creek Bridge						Union Traction Co of Indiana (1899)	Bridge
IN	Monticello		1895	1986				Chicago, Indianapolis & Louisville	Bridge
IN	Osgood	Osgood High Bridge	1901			1,800		Baltimore & Ohio Railroad	Bridge
IN	Owensburg	Owensburg Tunnel	1880			1,362		Bedford & Bloomfield Railroad	Tunnel
IN	Paoli		1904	1982		870		Monon Railroad	Bridge
IN	Shelby	Kankakee River Bridge	1909					Chicago, Indiana & Southern	Bridge
IN	Switz City	White River Bridge				3,324		Indianapolis Southern Railroad	Bridge 3,324 Feet long
IN	Terre Haute	Big Four Bridge						Cleveland, Cincinnati, Chicago & St.	Bridge
IN	Terre Haute	Wabash River Bridge	1855					Terre Haute & Alton Railroad (also	Bridge
IN	Tulip	Tulip Viaduct	1906			2,295			Bridge
IN	Vincennes	Wabash River Bridge	1857					Ohio & Mississippi Railroad	Bridge
KS	Arkansas City		1886					Atchison, Topeka & Santa Fe	Bridge
KS	Atchison	Atchison Bridge	1875			1,134		Chicago & Atchison Bridge	Bridge
KS	Concordia	Republican River Bridge						Burlington & Missouri River Railroad	Bridge
KS	Kansas City	Highline Bridge (Kaw River	1917					Kansas City Terminal Railway Co	Bridge
KS	Kansas City	Kaw River Bridge	1880					Chicago, Rock Island & Pacific	Bridge
KS	Leavenworth	Ft. Leavenworth Bridge	1872			1,004		Chicago, Rock Island & Pacific	Bridge- Historic Site
KS	Leavenworth	Leavenworth Terminal Bridge	1894			1,100		Leavenworth Terminal Railway &	Bridge- Historic Site
KS	Moline	Flint Hills Grade						Atchison, Topeka & Santa Fe	Track: Grade
KS	Reading	Wakarusa Hill					1.0%	Atchison, Topeka & Santa Fe	Track: Grade - 1.0%
KY	Ashland	Ashland Tunnel	1855					Chesapeake & Ohio Railway	Tunnel
KY	Baileys	Emanuel Hill					0.7%	Louisville & Nashville Railroad	Track: Grade - 0.7%
KY	Beattyville	Yellow Rock Tunnel				627		Louisville & Atlantic Railroad	Tunnel
KY	Burnside	Burnside Bridge	1880					Cincinnati, New Orleans & Texas	Bridge
KY	Catlettsburg	C&O Bridge over the Big Sandy	1872?					Chesapeake & Ohio Railway	Bridge
KY	Clay City							Kentucky Union Railway	Bridge
KY	Corbin	Chaska Hill Grade Knoxville					1.0%	Louisville & Nashville Railroad	Track: Grade - 1.0%
KY	Corbin	Crooked Hill Grade Kentucky					1.4%	Louisville & Nashville Railroad	Track: Grade - 1.4%
KY	Corbin	Emanuel or Bailey's to Arkle					0.7%	Louisville & Nashville Railroad	Track: Grade - 0.7%
KY	Corbin	Kentucky Division					1.4%	Louisville & Nashville Railroad	Track: Grade - 1.4%
KY	Covington							Wabash Railroad (1889)	Bridge
KY	Cynthiana							Louisville & Nashville Railroad	Bridge
KY	Decoursey	Independence Hill						Louisville & Nashville Railroad	Track: Grade
KY	Erlanger	Erlanger Hill					2.6%	Southern Railway	Track: Grade - 2.6%
KY	Ford							Louisville & Nashville Railroad	Bridge
KY	Ford	Ford to Patio Grade Kentucky					1.0%	Louisville & Nashville Railroad	Track: Grade - 1.0%
KY	Frankfort							Louisville & Nashville Railroad	Bridge
KY	Frankfort	Arsenal Hill Tunnel (Franklin	1848			515		Lexington & Frankfort Railroad	Tunnel
KY	Gentry	Elkatawa Hill Eastern Kentucky					1.2%	Louisville & Nashville Railroad	Track: Grade - 1.2%
KY	Gilbertsville	Tennessee River Bridge	1905	1944					Bridge
KY	Heidelberg		1902					Richmond, Nicholasville, Irvine &	Bridge
KY	Independence	Independence Trestle						Louisville & Nashville Railroad	Bridge
KY	Irvine	Irvine Bridge		1942		1,109		Richmond, Nicholasville, Irvine &	Bridge
KY	Jackson	Chenowee Tunnel						Kentucky Union Railway	Tunnel
KY	Jackson	Elkatawa Hill					1.0%	Kentucky Union Railway	Track: Grade - 1.0%
KY	Kentucky Dam	Kentucky Dam	1944	2009		8,422		Illinois Central Railroad	Bridge 8,422 Feet long
KY	Kentucky Dam	Kentucky Dam Bridge #2	2009					Paducah & Louisville Railway	Bridge
KY	Latonia							Louisville, Cincinnati & Lexington	Bridge
KY	Latonia	Latonia Tunnel						Louisville & Nashville Railroad	Tunnel
KY	Lebanon Junction	Muldrough's Hill						Louisville & Nashville Railroad	Track: Grade
KY	Limeville							Chesapeake & Ohio Railway	Bridge
KY	Louisville	14th St. Bridge (Pennsylvania	1870			5,200		Pittsburgh, Cincinnati & St Louis	Bridge 5,200 Feet long
KY	Louisville	Anchorage Bridge						Louisville & Interurban Railway	Bridge

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KY	Louisville	Big Four Bridge	1895	1968	2,525		Cleveland, Cincinnati, Chicago & Indiana	Bridge- Historic Site
KY	Louisville	K&I Bridge #1	1885				Kentucky & Indiana Bridge	Bridge
KY	Louisville	K&I Bridge #2	1912		6,000		Kentucky & Indiana Bridge & Terminal	Bridge 6,000 Feet long
KY	Louisville	Kentucky & Indiana Terminal	1886		6,000		Kentucky & Indiana Terminal	Bridge 6,000 Feet long
KY	Louisville	Pope Lick Trestle	1890		772		Southern Railway	Bridge
KY	Louisville	South Louisville to Latonia				1.1%	Louisville & Nashville Railroad	Track: Grade - 1.1%
KY	Maloney						Louisville & Nashville Railroad	Bridge
KY	Mary Helen	Mary Helen Hill			1,358	3.0%	Louisville & Nashville Railroad	Track: Grade - 3.0%
KY	Middlesboro	Middlesboro Trestle			1,500		Louisville & Nashville Railroad	Bridge
KY	Middlesborough	Cumberland Gap Tunnel	1889		3,741	1.2%	Powells Valley Railway Company	Tunnel - 1.2% Grade
KY	Mullins (Renfro)	Tunnel 17					Louisville & Nashville Railroad	Tunnel
KY	Munfordville	Green River Bridge	1859		1,100		Louisville & Nashville Railroad	Bridge
KY	Newport	Newport & Cincinnati Bridge	1872				Louisville, Cincinnati & Lexington	Bridge
KY	Nicholasville	Marble Creek Trestle			650		Richmond, Nicholasville, Irvine & Lexington	Bridge
KY	Olive Hill (Corey)	Corey Hill Grade				2.7%	Chesapeake & Ohio Railway	Track: Grade - 2.7%
KY	Paducah						Paducah & Illinois Railroad (1910)	Tunnel
KY	Radnor	Radnor to Portland Louisville				1.5%	Louisville & Nashville Railroad	Track: Grade - 1.5%
KY	Ravenna	Ravenna to Patio Grade EK				0.4%	Louisville & Nashville Railroad	Track: Grade - 0.4%
KY	Richmond	Valley View Bridge	1890		1,560		Louisville & Atlantic Railroad	Bridge
KY	Rockport (Central)	Green River Bridge					Illinois Central Railroad	Bridge
KY	Ruckerville	Howards Creek Viaduct					Louisville & Nashville Railroad	Bridge
KY	Sinks	Lebanon branch Parksville to				1.4%	Louisville & Nashville Railroad	Track: Grade - 1.4%
KY	Slade	Nada Tunnel			1,100		Dana Lumber Company	Tunnel
KY	Sloan	Red River Viaduct at Sloan			1,780		Louisville & Nashville Railroad	Bridge
KY	Southfork	Green River Bridge					Cincinnati, New Orleans & Texas	Bridge
KY	Spottsville	Spottsville Bridge	1888				Louisville & Nashville Railroad	Bridge
KY	Spurlington	Spurlington Tunnel	1879		1,900		Louisville & Nashville Railroad	Tunnel
KY	Stanford	Kings Mountain Tunnel	1876	1963	3,992		Cincinnati, New Orleans & Texas	Tunnel 3,992 Feet long
KY	Turners Station	Campbellsburg Hill				1.8%	Louisville & Nashville Railroad	Track: Grade - 1.8%
KY	Tyrone	Young's High Bridge (Tyrone)	1889	1985	1,659		Louisville Southern Railroad	Bridge
KY	West Point	Muldraugh Hill				1.3%	Louisville & Nashville Railroad	Bridge - 1.3% Grade
KY	Willmore (High)	High Bridge	1877		308		Cincinnati Southern Railway	Bridge- Historic Site
KY	Winchester	Howard's Creek Bridge			2,100		Louisville & Nashville Railroad	Bridge
KY	Winchester	Winchester Hill					Louisville & Nashville Railroad	Track: Grade
KY	Worthville	Kentucky River Bridge					Louisville & Nashville Railroad	Bridge
LA	Baton Rouge	Huey P. Long - O.K. Allen	1940		5,879		Kansas City Southern Railway	Bridge 5,879 Feet long
LA	Lake Charles	Sunset Route Bridge across					Southern Pacific Railroad	Bridge
LA	Lake				4,555		CSX Corporation	Bridge 4,555 Feet long
LA	Melville	Atchafalaya River Bridge #1	1883		2,336		Texas & Pacific Railway	Bridge
LA	Melville	Atchafalaya River Bridge #2	1929		2,336		Texas & Pacific Railway	Bridge
LA	New Orleans	Huey P. Long Bridge	1935		8,076		New Orleans Public Belt Railroad	Bridge 8,076 Feet long
LA	New Orleans	Norfolk Southern Lake			30,624		Norfolk Southern Railway	Bridge 30,624 Feet long
LA	Slidell	Rigolets Pass Bridge	1925		4,555		Louisville & Nashville Railroad	Bridge 4,555 Feet long
MA	Boston	Charles River Bridge (B&L)	1835				Boston & Lowell Railroad	Bridge
MA	Boston	Charles River Bridge (B&M)	1931				Boston & Maine Railroad	Bridge- Historic Site
MA	Boston	East Boston Tunnel	1904		7,500	5.0%		Tunnel - 5.0% Grade
MA	Boston	Fort Point Channel Rolling Lift					New York, New Haven & Hartford	Bridge-6 tracks
MA	Boston	Tremont Street Subway	1897				Boston Elevated Railway	Tunnel- Historic Site
MA	Buzzards Bay	Cape Cod Canal Railroad	1935		544		New York, New Haven & Hartford	Bridge
MA	Canton	Canton Viaduct	1835		615		Boston & Providence Railroad	Bridge- Historic Site
MA	Chester	Washington Hill	1833			1.7%	Western Railroad of Massachusetts	Track: Grade - 1.7%
MA	Dedham	Bussey Bridge	1881				Boston & Providence Railroad	Bridge
MA	Enfield	Amtrak/Springfield Terminal	1843				Hartford & Springfield Railroad	Bridge
MA	Haverhill		1919				Guilford Rail System	Bridge
MA	Hinsdale	Hinsdale Summit	1841		141		Western Railroad of Massachusetts	Track: Grade
MA	Holliston	Bogastow Brook Viaduct	1847		260		Boston & Worcester Railroad	Bridge- Historic Site
MA	Middlefield	Middlefield-Becket Stone Arch	1912					Bridge- Historic Site

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MA	Neponset						New York, New Haven & Hartford	Bridge
MA	North Adams	1875		835	25,081	5.0%	Troy & Greenfield Railroad & Western Railroad of	Tunnel- Historic Site
MA	Springfield	1841						Bridge
MA	Waltham	1894					Central Massachusetts Railroad	Bridge- Historic Site
MD	Altamont			2,628		2.7%	Baltimore & Ohio Railroad	Track: Grade - 2.7%
MD	Baltimore	1873			7,669	1.3%	Baltimore & Potomac Railroad	Tunnel - 1.3% Grade
MD	Baltimore	1829			80		Baltimore & Ohio Railroad	Bridge- Historic Site
MD	Baltimore						Frederick Douglass Tunnel	Tunnel
MD	Baltimore	1896			7,341	0.8%	Baltimore & Ohio Railroad	Tunnel- Historic Site
MD	Baltimore	1911					Baltimore & Ohio Railroad	Bridge- Historic Site
MD	Baltimore	1904	1980		1,952		Western Maryland Railway	Bridge- Historic Site
MD	Boonsboro	1867			400		Baltimore & Ohio Railroad	Bridge
MD	Cumberland						Cumberland & Pennsylvania	Bridge
MD	Cumberland	1911			914		Western Maryland Railway	Tunnel
MD	Harewood						Pennsylvania Railroad	Bridge- Historic Site
MD	Harewood						Pennsylvania Railroad	Bridge- Historic Site
MD	Havre de Grace	1866			4,153		Philadelphia, Baltimore & Philadelphia, Wilmington &	Bridge 4,153 Feet long
MD	Havre de Grace	1866	1906		3,269		Philadelphia, Wilmington & Baltimore & Ohio Railroad	Bridge 3,269 Feet long
MD	Havre de Grace	1910			6,109		Baltimore & Ohio Railroad	Bridge 6,109 Feet long
MD	Ilchester	1829					Baltimore & Ohio Railroad	Bridge
MD	Ilchester	1829	1868		360		Baltimore & Ohio Railroad	Bridge- Historic Site
MD	Marriotsville	1850					Baltimore & Ohio Railroad	Tunnel
MD	McKenzie	1902			4,160		Baltimore & Ohio Railroad	Tunnel 4,160 Feet long
MD	Perryville				2,718		Pennsylvania Railroad	Bridge- Historic Site
MD	Relay	1835			614		Baltimore & Ohio Railroad	Bridge- Historic Site
MD	Savage	1869			160		Baltimore & Ohio Railroad	Bridge- Historic Site
ME	Bangor						Maine Central Railroad	Bridge
ME	Bath							Bridge
ME	North Anson		2013				Maine Central Railroad	Bridge
ME	Skowhegan	1875					Somerset & Kennebec Railroad	Bridge
MI	Berrien Springs	1906	1939		1,200		Northern Indiana Railway (1905)	Bridge
MI	Dearborn	1920					Wabash Railroad (1889)	Bridge
MI	Dearborn				291		Wabash Railroad (1889)	Bridge
MI	Detroit	1929						Bridge- Historic Site
MI	Detroit	1910					Michigan Central Railroad	Tunnel
MI	Grand Haven	1870					Detroit & Milwaukee Railroad	Bridge
MI	Grand Rapids	1858					Detroit & Milwaukee Railroad	Bridge
MI	Grand Rapids	1892					Grand Rapids & Indiana Railroad	Bridge
MI	Grand Rapids	1902			655		Chicago & West Michigan Railway	Bridge
MI	Grand Rapids	1906			675		Grand Trunk Western Railroad	Bridge
MI	Grand Rapids	1869	1976				Kalamazoo, Allegan & Grand Rapids	Bridge
MI	Grand Rapids	1915					Michigan Railroad	Bridge
MI	Grand Rapids	1915					Michigan Railroad	Bridge
MI	Grand Rapids	1906					Detroit, Grand Haven & Milwaukee	Bridge
MI	Hancock	1887					Duluth, South Shore & Atlantic	Track: Grade
MI	Hancock					4.0%	Duluth, South Shore & Atlantic	Track: Grade - 4.0%
MI	Hancock					3.0%	Chicago, Milwaukee, St. Paul &	Track: Grade - 3.0%
MI	Ishpeming						Chicago & North Western Railway	Bridge
MI	Marquette (Eagle)						Lake Superior & Ishpeming Railroad	Bridge
MI	Negaunee						Lake Superior & Ishpeming Railroad	Bridge
MI	Negaunee						Marquette & Western Railroad	Bridge
MI	Port Huron	1891	1994		6,025		Grand Trunk Railway Company of	Tunnel- Historic Site
MI	Port Huron	1996			6,129		Canadian National Railway	Tunnel 6,129 Feet long
MI	Sault Ste. Marie	1887			2,420		Sault Ste. Marie Bridge Co	Bridge
MI	Wells							Bridge
MN	Baudette						Canadian Northern Railway	Bridge
MN	Baudette	1901					Minnesota & Manitoba Railroad	Bridge

Bridges, Tunnels and Mountain Passes by Location

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Location-Country, State, Place Name-City		In Service	End Service	Elev (Feet)	Length (Feet)	Grade %	RR Name	Facility Type
MN	Bemidji						Minneapolis, St. Paul & Sault Ste.	Bridge- Historic Site
MN	Bloomington				489		Minneapolis, St. Paul, Rochester &	Bridge
MN	Carver				685		Minneapolis & St. Louis Railway	Bridge
MN	Cramer (nr Cramer Tunnel)	1957	2008		1,800		Cliffs - Erie Railroad	Tunnel
MN	Duluth						Lake Superior & Mississippi Railroad	Bridge
MN	Duluth		1986		3,400		Northern Pacific Railroad	Bridge 3,400 Feet long
MN	Duluth						Great Northern Railroad	Bridge
MN	Garden City						Chicago, St. Paul, Minneapolis &	Bridge
MN	Good Thunder						Chicago, Milwaukee & St. Paul	Bridge
MN	Hastings				1,755		Chicago, Milwaukee, St. Paul &	Bridge
MN	Lewiston					1.7%	Chicago & North Western Railway	Track: Grade - 1.7%
MN	Minneapolis		1971		550		Great Northern Railroad	Bridge
MN	Minneapolis				227		Great Northern Railroad	Bridge
MN	Minneapolis						Chicago, Milwaukee, St. Paul &	Bridge
MN	Minneapolis						Minneapolis Western Railway	Bridge
MN	Minneapolis				821		Northern Pacific Railroad	Bridge
MN	Minneapolis				952		Northern Pacific Railroad	Bridge
MN	Minneapolis		1971		1,164		Chicago, Milwaukee, St. Paul &	Bridge
MN	Minneapolis				1,061		Chicago, Milwaukee & St. Paul	Bridge
MN	Minneapolis				904		Minneapolis, St. Paul & Sault Ste.	Bridge
MN	Minneapolis	1883	1978		2,100		Great Northern Railroad	Bridge
MN	Minneapolis				175		Wisconsin Central Railroad (1871)	Bridge
MN	New Ulm						Chicago & North Western Railway	Bridge
MN	Prescott (Blue				615		Burlington Northern & Santa Fe	Bridge
MN	Proctor					2.2%	Duluth, Missabe & Iron Range	Track: Grade - 2.2%
MN	St. Paul				1,275		Chicago & North Western Railway	Bridge
MN	St. Paul				940		Chicago Great Western Railway	Bridge
MN	St. Paul						Chicago, St. Paul & Kansas City	Bridge
MN	St. Paul				1,055		Chicago, St. Paul, Minneapolis &	Bridge
MN	St. Paul				1,534		Chicago, St. Paul, Minneapolis &	Bridge- Historic Site
MN	St. Paul				1,661		Chicago, Rock Island & Pacific	Bridge
MN	St. Peter						Chicago, St. Paul, Minneapolis &	Bridge
MN	Stillwater	1910			2,682		Wisconsin Central Railroad (1871)	Bridge 2,682 Feet long
MN	Stillwater	1911			2,682		Wisconsin Central Railroad (1871)	Bridge- Historic Site
MN	Winona	1885			7,300		Chicago & North Western Railway	Bridge 7,300 Feet long
MO	Bellefontaine	1893			2,660		St. Louis, Keokuk & Northwestern	Bridge- Historic Site
MO	Booneville	1874			1,615		Missouri-Kansas-Texas Railroad	Bridge- Historic Site
MO	Dixon						St. Louis & San Francisco Railroad	Track: Grade
MO	Gasconade	1855					Pacific Railroad	Bridge
MO	Glasgow	1879			2,004		Kansas City, St. Louis & Chicago	Bridge- Historic Site
MO	Hannibal						Chicago, Burlington & Quincy	Bridge
MO	Hannibal						Wabash Railroad (1889)	Bridge
MO	Henley						Chicago, Rock Island & Pacific	Bridge
MO	Kansas City	1888	1956		810	8.8%	Kansas City Public Service Co.	Tunnel - 8.8% Grade
MO	Kansas City	1911			1,282		Chicago, Burlington & Quincy	Bridge- Historic Site
MO	Kansas City	1869	1917		1,371		Kansas City & Cameron Railroad	Bridge- Historic Site
MO	Kansas City	1917			1,371		Chicago, Burlington & Quincy	Bridge- Historic Site
MO	Kansas City						Atchison, Topeka & Santa Fe	Bridge
MO	Louisiana	1873			3,900		Chicago & Alton Railroad (1861)	Bridge 3,900 Feet long
MO	Osage City						Union Pacific Railroad	Bridge
MO	Sibley	1887			4,100		Atchison, Topeka & Santa Fe	Bridge 4,100 Feet long
MO	St. Charles		1992				St. Louis, St. Charles & Western	Bridge
MO	St. Charles	1871			2,928		St. Charles Bridge Company	Bridge 2,928 Feet long
MO	St. Joseph				1,345		St. Joseph & Denver City Railroad	Bridge
MO	St. Joseph		1906		1,345		St. Joseph & Denver City Railroad	Bridge
MO	St. Louis	1874			4,885		Terminal Railroad Association of	Bridge- Historic Site
MO	St. Louis	1930	1958		4,450		Illinois Terminal Railroad	Bridge 4,450 Feet long

Bridges, Tunnels and Mountain Passes by Location

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Location-Country, State, Place Name-City		In Service	End Service	Elev (Feet)	Length (Feet)	Grade %	RR Name	Facility Type
MO	St. Louis	MacArthur Bridge	1942				MacArthur Bridge	Bridge
MO	St. Louis	McKinley Bridge	1910	2001		8,000	1.8% Illinois Traction System	Bridge - 1.8% Grade
MO	St. Louis	Merchants Bridge	1888			4,550	1.5% Terminal Railroad Association of	Bridge - 1.5% Grade
MO	St. Louis	Municipal Bridge (MacArthur	1917			2,000	Manufacturers Railway Co	Bridge
MO	Thayer	Thayer North Subdivision					1.5% Burlington Northern & Santa Fe	Track: Grade - 1.5%
MS	Bay St. Louis	Bay St. Louis Bridge (Trestle)				10,400	Louisville & Nashville Railroad	Bridge 10,400 Feet long
MS	Biloxi	Biloxi Bay Bridge				6,500	New Orleans & Mobile Railroad	Bridge 6,500 Feet long
MS	Pascagoula	Pascagoula River Bridge					Louisville & Nashville Railroad	Bridge
MS	Vicksburg	Old Vicksburg Bridge, also	1930			8,546	Kansas City Southern Railway	Bridge- Historic Site
MT	Bainville	Snowden Bridge	1913			1,159	Great Northern Railroad	Bridge
MT	Butte	Elk Park Pass	1888	1972	6,365		Great Northern Railroad	Track: Grade
MT	Butte	Homestake Pass	1888	1983	6,356		2.2% Northern Pacific Railroad	Track: Grade - 2.2%
MT	Butte	Homestake Tunnel	1890	1956	6,356	682	Northern Pacific Railroad	Tunnel
MT	Butte	Pipestone Tunnel	1909	1980	6,347	2,290	Chicago, Milwaukee, St. Paul &	Tunnel
MT	Cedric	Fish Creek Tunnel	1927			426	Chicago, Milwaukee, St. Paul &	Tunnel
MT	Collins	Collins Trestle				2,400	Great Northern Railroad	Bridge
MT	Coram	Coram Bridge				420	Great Northern Railroad	Bridge- Historic Site
MT	Cut Bank	Cut Bank Creek Trestle	1900				Great Northern Railroad	Bridge
MT	Deer Lodge	Deer Lodge Pass	1881		5,800		Utah & Northern Railway	Track: Grade
MT	Dillon	Bannock Pass & Tunnel	1910	1939	7,575	600	Gilmore & Pittsburgh Railroad Co,	Track: Grade
MT	East Glacier	Two Medicine Creek Bridge			4,885	1,040	Great Northern Railroad	Bridge
MT	Essex	Goat Lick Trestle					Great Northern Railroad	Bridge
MT	Essex	Marias Pass	1893		5,213		1.8% Great Northern Railroad	Track: Grade - 1.8%
MT	Evoro Hill	Evoro Hill Mountain Pass	1864		3,915		2.2% Northern Pacific Railroad	Track: Grade - 2.2%
MT	Flathead	Coram Bridge	1900			460	Great Northern Railroad	Bridge
MT	Forsyth		1910				Chicago, Milwaukee, St. Paul &	Bridge
MT	Great Falls	Milwaukee/Weissman Memorial	1914				Chicago, Milwaukee, St. Paul &	Bridge
MT	Great Falls	Missouri River Bridge	1905			1,044	Great Northern Railroad	Bridge
MT	Great Falls	Tenth Street Bridge (Trolley					Great Falls Street Railway	Bridge- Historic Site
MT	Helena	Mullan Pass	1883		5,566		2.2% Northern Pacific Railroad	Track: Grade - 2.2%
MT	Helena	Mullan Pass & Tunnel	1883		5,548	5,280	2.2% Northern Pacific Railroad	Tunnel - 2.2% Grade
MT	Helena	Mullan Tunnel	1883		5,566	3,896	Northern Pacific Railroad	Tunnel 3,896 Feet long
MT	Kalispell	Haskell Pass (Haskill Pass)	1891	1904	4,300	1,400	1.5% St. Paul, Minneapolis & Manitoba	Track: Grade - 1.5%
MT	Lewistown	Judith River Trestle	1915			2,000	Chicago, Milwaukee, St. Paul &	Bridge
MT	Lewistown	Sage Creek Trestle	1913			1,698	Chicago, Milwaukee, St. Paul &	Bridge
MT	Lewistown	Spring Creek Trestle				1,000	Great Northern Railroad	Bridge
MT	Lima	Beaver Canyon	1880		6,820		Utah & Northern Railway	Track: Grade
MT	Lima	Monida Pass (Continental	1880		6,820		Utah & Northern Railway	Track: Grade
MT	Livingston	Bozeman Pass	1883		5,600		1.8% Northern Pacific Railroad	Track: Grade - 1.8%
MT	Livingston	Bozeman Tunnel	1883		5,565	3,500	1.9% Northern Pacific Railroad	Tunnel - 1.9% Grade
MT	Livingston	Bozeman Tunnel #2	1945		5,562	3,000	1.9% Northern Pacific Railroad	Tunnel - 1.9% Grade
MT	Marion	Haskell Pass Tunnel	1892	1902		1,400	Great Northern Railroad	Tunnel
MT	Martinsdale						1.4% Chicago, Milwaukee, St. Paul &	Track: Grade - 1.4%
MT	Marysville	Marysville Trestle	1887	1925			Northern Pacific Railroad	Bridge
MT	Marysville	Saw Mill Canyon Trestle	1887	1925			Northern Pacific Railroad	Bridge
MT	Meaderville						Great Northern Railroad	Bridge
MT	Miles City	Paragon Bridge (Kinsey	1907			1,080	Chicago, Milwaukee, St. Paul &	Bridge- Historic Site
MT	Missoula	Marent Gulch Trestle	1883			866	Northern Pacific Railroad	Bridge
MT	Nohly	Snowden Vertical lift bridge					Great Northern Railroad	Bridge
MT	Penfield	Pipestone Pass	1909	1980	6,347		2.0% Chicago, Milwaukee, St. Paul &	Track: Grade - 2.0%
MT	Pryor Gap	Pryor Tunnel	1902	1911	4,300		Big Horn Southern	Tunnel
MT	Ringling	Belt Mountains line	1897		5,793		1.0% Montana Railroad (1894)	Track: Grade - 1.0%
MT	Sixteen	Eagle Nest Tunnel and Bridge	1910			370	Chicago, Milwaukee, St. Paul &	Tunnel
MT	Skyline						Burlington Northern & Santa Fe	Bridge
MT	Slayton						Great Northern Railroad	Bridge
MT	Terry	Calipso Bridge	1907				Chicago, Milwaukee, St. Paul &	Bridge- Historic Site
MT	Three Forks	Sixteen Mile Canyon		1980			Chicago, Milwaukee, St. Paul &	Track: Grade

Bridges, Tunnels and Mountain Passes by Location

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Location-Country, State, Place Name-City		In Service	End Service	Elev (Feet)	Length (Feet)	Grade %	RR Name	Facility Type
MT	Toluca						Big Horn Southern	Track: Grade
MT	West						Union Pacific Railroad	Track: Grade
MT	Whitefish						Great Northern Railroad	Tunnel 37,000 Feet long
MT	Wickes						Great Northern Railroad	Tunnel 6,145 Feet long
NC	Aberdeen						Aberdeen, Carolina & Western	Track: Grade - 2.8%
NC	Altapass (Spruce						Carolina, Clinchfield & Ohio Railroad	Track: Grade - 1.5%
NC	Altapass (Spruce						Carolina, Clinchfield & Ohio	Tunnel
NC	Altapass (Spruce						Carolina, Clinchfield & Ohio	Track: Grade - 1.5%
NC	Altapass (Spruce						Carolina, Clinchfield & Ohio Railroad	Tunnel
NC	Tyron						Spartanburg & Asheville Railroad	Track: Grade - 5.1%
NC	Willits						Southern Railway	Track: Grade
ND	Bismarck						Northern Pacific Railroad	Bridge- Historic Site
ND	Bismarck						Northern Pacific Railroad	Bridge
ND	Fairview						Great Northern Railroad	Bridge
ND	Fargo						Northern Pacific Railroad	Bridge
ND	Grand Forks						Great Northern Railroad	Bridge
ND	Karnak						Great Northern Railroad	Bridge 2,736 Feet long
ND	Minot						Great Northern Railroad	Bridge
ND	Valley City						Northern Pacific Railroad	Bridge- Historic Site
NE	Angora						Chicago, Burlington & Quincy	Track: Grade
NE	Belmont						Burlington & Missouri River Railroad	Tunnel
NE	Blair						Sioux City & Pacific Railroad	Bridge- Historic Site
NE	Bridgeport						Chicago, Burlington & Quincy	Bridge
NE	Chadron						Fremont, Elkhorn & Missouri Valley	Tunnel
NE	Crawford						Chicago, Burlington & Quincy	Track: Grade - 2.2%
NE	Nebraska City						Chicago, Burlington & Quincy	Bridge- Historic Site
NE	Omaha						Union Pacific Railroad	Track: Grade
NE	Omaha						Omaha & Council Bluffs Railway &	Bridge
NE	Omaha						Illinois Central Railroad	Bridge
NE	Omaha						Union Pacific Railroad	Bridge 2,750 Feet long
NE	Plattsmouth						Burlington & Missouri River	Bridge- Historic Site
NE	Rulo						Chicago, Burlington & Quincy	Bridge
NE	South Sioux City						Sioux City & Pacific Railroad	Bridge
NE	Toughy						Union Pacific Railroad	Track: Grade
NE	Valentine						Fremont, Elkhorn & Missouri	Bridge
NH	Bartlett (nearby)						Portland & Ogdensburg Railroad	Bridge
NH	Claremont						Claremont Railway & Lighting Co.	Bridge
NH	Crawford Notch						Portland & Ogdensburg Railroad	Track: Grade - 2.5%
NH	Exeter						Boston & Maine Railroad	Bridge
NH	Haverhill						Boston, Concord & Montreal	Bridge
NH	Mt. Washington						Mt. Washington Cog Railway (Mt.	Track: Grade - 37.0%
NH	Portsmouth						Boston & Maine Railroad	Bridge
NH	Portsmouth						Boston & Maine Railroad	Bridge 2,804 Feet long
NJ	Bayonne						Central Railroad of New Jersey	Bridge
NJ	Bergen (North						Pennsylvania Railroad	Tunnel - 1.9% Grade
NJ	Bergen (North						New York, Susquehanna & Western	Tunnel
NJ	Bergen Hill						Morris & Essex Railroad	Tunnel
NJ	Bergen Hill						Long Dock Company	Tunnel 4,311 Feet long
NJ	Bergen Hill						Erie Railroad (1895)	Bridge 2,550 Feet long
NJ	Bernards						Delaware, Lackawanna & Western	Bridge
NJ	Columbia						Lehigh & New England Railroad	Bridge
NJ	Elizabeth						Staten Island Rapid Transit Railway	Bridge
NJ	Elizabeth						Central Railroad of New Jersey	Bridge 10,000 Feet long
NJ	Greystone						Delaware, Lackawanna & Western	Track: Grade - 5.0%
NJ	Hainesburg						Delaware, Lackawanna & Western	Bridge
NJ	Jersey City						Erie Railroad (1895)	Tunnel- Historic Site
NJ	Jersey City						Central Railroad of New Jersey	Bridge

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NJ	Kearny	Hackensack River Bridge						Delaware, Lackawanna & Western	Bridge
NJ	Kearny	Lower Hack Lift	1928					Delaware, Lackawanna & Western	Bridge- Historic Site
NJ	Manunka Chunk	Manunka Chunk Tunnel (a.k.a.	1856	1970		975		Warren Railroad	Tunnel
NJ	Newark	Passaic River Bridge						Delaware, Lackawanna & Western	Bridge
NJ	Oxford	Oxford Tunnel (originally Van	1862	1970		2,996		Warren Railroad	Tunnel 2,996 Feet long
NJ	Oxford	Van Next Gap Tunnel (Oxford	1862	1975		3,002		Warren Railroad	Tunnel 3,002 Feet long
NJ	Pattensburg	Musconetcong Tunnel	1928			4,893		Lehigh Valley Railroad	Tunnel 4,893 Feet long
NJ	Pattensburg	Pattensburg Lehigh Valley RR	1928			4,893		Lehigh Valley Railroad	Tunnel 4,893 Feet long
NJ	Pattensburg	Pattensburg Norfolk Southern				4,893		Norfolk Southern Railway	Tunnel 4,893 Feet long
NJ	Trenton	Delaware Delaware Bridge	1830			1,022		Trenton Delaware Bridge	Bridge
NJ	Trenton	Delaware River Bridge	1903					Pennsylvania Railroad	Bridge- Historic Site
NJ	Weehawken	Hudson Tubes (PRR-North	1910			6,100	1.9%	Pennsylvania Railroad	Tunnel - 1.9% Grade
NJ	Weehawken	North River Tunnels (PRR-	1910			6,100	1.9%	Pennsylvania Railroad	Tunnel - 1.9% Grade
NJ	Weehawken	Weehawken Tunnel	1883			4,225		New York, West Shore & Buffalo	Tunnel- Historic Site
NM	Azotea (Chama)	Azotea Pass	1880	1968	7,773			Denver & Rio Grande Railroad	Track: Grade
NM	Chama	Wolf Creek Trestle (Lobato						Denver & Rio Grande Railroad	Bridge- Historic Site
NM	Cloudcroft	Cox Canyon Bridge (Mexican	1899	1947	8,600	300	5.2%	Alamogordo & Sacramento	Bridge- Historic Site
NM	Embudo	Chili Line (Santa Fe Branch)					4.0%	Denver & Rio Grande Western	Track: Grade - 4.0%
NM	Ft. Sumner		1906			1,500		Atchison, Topeka & Santa Fe	Bridge- Historic Site
NM	Glorieta	Glorieta Pass	1879		7,453		3.2%	Atchison, Topeka & Santa Fe	Track: Grade - 3.2%
NM	Lamy	Apache Canyon Bridge	1880					Atchison, Topeka & Santa Fe	Bridge- Historic Site
NM	Lumberton	Hillcrest Pass	1903	1924	7,714			Rio Grande & Southwestern	Track: Grade
NM	Mountainair	Abo Pass	1863		6,508		1.2%	Atchison, Topeka & Santa Fe	Track: Grade - 1.2%
NM	Raton	Raton Pass	1878		7,622		6.0%	Atchison, Topeka & Santa Fe	Track: Grade- Historic
NM	Raton	Raton Pass Tunnel at Colorado			7,834			Atchison, Topeka & Santa Fe	Tunnel
NM	Raton	Raton Tunnel	1879		7,588	2,600		Atchison, Topeka & Santa Fe	Tunnel 2,600 Feet long
NM	Rodeo	Antelope Pass	1902	1961				El Paso & Southwestern Railroad	Track: Grade
NM	Socorro County	Abo Canyon/Abo Pass (Belen	1908		5,771			Atchison, Topeka & Santa Fe	Track: Grade
NM	Thoreau	Campbell Pass	1882		7,244			Atchison, Topeka & Santa Fe	Track: Grade
NV	Crestline				5,962				Track: Grade
NV	Crestline				6,011		1.6%	San Pedro, Los Angeles & Salt	Track: Grade - 1.6%
NV	Elko	Flower Lake Tunnel			5,907			Western Pacific Railroad	Tunnel
NV	Henderson	Railroad Pass			2,367			Union Pacific Railroad	Track: Grade
NV	Hogan	Hogan tunnel (Hogan's Tunnel)	1914		5,901			Western Pacific Railroad	Tunnel
NV	Mt. Montgomery	Mt. Montgomery Pass			7,138		3.0%	Carson & Colorado Railroad	Track: Grade - 3.0%
NV	Mt. Montgomery	Mt. Montgomery Tunnel			7,000	247		Carson & Colorado Railroad	Tunnel
NV	Reno	Geiger Grade (Occidental			6,789		7.0%	Virginia & Truckee Railroad (1869)	Track: Grade- Historic
NV	Reno	Truckee River Bridge						Virginia & Truckee Railroad (1869)	Bridge
NV	Valley Pass				6,075			Union Pacific Railroad	Track: Grade
NV	Virginia City	Crown Point Trestle		1936				Virginia & Truckee Railroad (1869)	Track: Grade
NV	Virginia City	Sutro Tunnel	1878					Virginia & Truckee Railroad (1869)	Tunnel
NY	Albany	Hudson River Bridge (North	1866			5,306		New York Central Railroad of 1853	Bridge 5,306 Feet long
NY	Albany	Livingston Avenue Bridge (South	1866					New York Central Railroad of 1853	Bridge
NY	Albany (West	West Albany Hill						New York Central Railroad	Track: Grade
NY	Belfast	Bridge 375.41	1908?					Erie Railroad (1895)	Bridge- Historic Site
NY	Belfast	Genesee River Viaduct				3,120		Erie Railroad (1895)	Bridge- Historic Site
NY	Bronx	Harlem River High Bridge	1890					New York Central Railroad	Bridge
NY	Brooklyn	Atlantic Avenue Tunnel (Cobble	1844	1861		2,600		Long Island Railroad	Tunnel 2,600 Feet long
NY	Brooklyn	Brooklyn Bridge	1883	1950		7,580		New York & Brooklyn Bridge	Bridge- Historic Site
NY	Buffalo	International Bridge	1873			1,890		Canadian National Railway	Bridge
NY	Cadosia	Hawk Mountain Tunnel	1873	1957		1,133		New York, Ontario & Western	Tunnel
NY	Castleton	Alfred H. Smith Memorial	1924		150	5,255		New York Central Railroad	Bridge 5,255 Feet long
NY	Chemung	9 Mile Bridge						Erie Railroad (1895)	Bridge
NY	Dayton	Dayton Tunnel						Erie Railroad (1895)	Tunnel- Historic Site
NY	Deposit	Bridge 175.53						Erie Railroad (1895)	Bridge- Historic Site
NY	Deposit	Susquehanna Hill (Gulf Summit)			1,373		1.0%	New York & Erie Railroad (aka Erie	Track: Grade - 1.0%
NY	Fillmore	Bridge 367.33						Erie Railroad (1895)	Bridge

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NY	Fillmore	Rush Creek Viaduct				1,921		Erie Railroad (1895)	Bridge- Historic Site
NY	Green Island	Green Island Bridge	1832					Rensselaer & Saratoga Railroad	Bridge
NY	Herkimer	Trolley Bridge						Mohawk Valley Railway	Bridge
NY	Hinsdale	Washington Hill grade						Boston & Albany Railroad	Track: Grade
NY	Lawtons	Clear Creek Viaduct	1896					Erie Railroad (1895)	Bridge- Historic Site
NY	Lyon Brook,		1869			830		New York, Ontario & Western	Bridge
NY	Martinsville	Sawyer Creek Bridge						Erie Railway (1861)	Bridge- Historic Site
NY	New York	149th Street Freight Yard &						Erie Railroad (1895)	Tunnel
NY	New York	149th Street Tunnel	1905					Metropolitan Transportation	Tunnel
NY	New York	14th St. Tunnel	1924					Brooklyn-Manhattan Transit (BMT)	Tunnel
NY	New York	53rd St. Tunnel	1933					Independent Subway System (IND)	Tunnel
NY	New York	60th St. Tunnel	1920					Brooklyn-Manhattan Transit (BMT)	Tunnel
NY	New York	63rd St. Tunnel	1989					Independent Subway System (IND)	Tunnel
NY	New York	Clark Street Tunnel	1919			5,900		Brooklyn-Manhattan Transit	Tunnel 5,900 Feet long
NY	New York	East River Tunnels	1910					Pennsylvania Railroad	Tunnel
NY	New York	Hell Gate Bridge	1917			1,000		Pennsylvania Railroad	Bridge
NY	New York	Hudson & Manhattan Tubes	1908			5,976		Hudson & Manhattan Railroad	Tunnel- Historic Site
NY	New York	Manhattan Bridge	1909			6,855			Bridge 6,855 Feet long
NY	New York	Manhattan-Brooklyn Subway	1900					Brooklyn-Manhattan Transit (BMT)	Tunnel
NY	New York	Park Avenue Tunnel (Murray	1876					New York & Harlem Railroad	Tunnel
NY	New York	Spuyten Duyvil Railroad Bridge						New York Central Railroad	Bridge
NY	New York	Steinway Tunnels	1915			8,500	6.0%	New York & Long Island Railroad	Tunnel - 6.0% Grade
NY	New York	Williamsburg Bridge	1903			7,308		Brooklyn-Manhattan Transit	Bridge 7,308 Feet long
NY	New York	Yorkville Tunnel	1837	1875?				New York & Harlem Railroad	Tunnel
NY	Niagara Falls	Michigan Central Bridge	1925					Michigan Central Railroad	Bridge- Historic Site
NY	Niagara Falls	Niagara Cantilever Bridge	1883	1925		906		Canada Southern Railway	Bridge
NY	Niagara Falls	Niagara Falls Suspension	1855	1897		825		Grand Trunk Railway Company of	Bridge
NY	Niagara Falls	Whirlpool Rapids Bridge	1897			1,079		Michigan Central Railroad	Bridge
NY	Otisville	Otisville Tunnel	1908			5,314		Erie Railroad (1895)	Tunnel- Historic Site
NY	Pelham	Highbrook Avenue Bridge	1911			54		New York, Westchester & Boston	Bridge- Historic Site
NY	Pine Hill	Pine Hill Grade			1,886		2.7%	Ulster & Delaware Railroad	Track: Grade - 2.7%
NY	Portage	High Bridge						Buffalo & New York City Railroad	Bridge
NY	Portageville	Bridge #1 361.66	1852	1875		850		Erie Railroad (1895)	Bridge- Historic Site
NY	Portageville	Bridge #2 (Portage Bridge/	1875			818		Erie Railroad (1895)	Bridge- Historic Site
NY	Portageville	Bridge #3 (Genesee Arch Bridge)	2017			963		Norfolk Southern Railway	Bridge
NY	Poughkeepsie	Poughkeepsie Bridge	1888	1974		6,800		Poughkeepsie Bridge Company	Bridge- Historic Site
NY	Richmondville	Richmondville Hill					1.7%	Delaware & Hudson Railway	Track: Grade - 1.7%
NY	Rosendale	Rosendale Trestle	1872			940		Walkkill Valley Railroad	Bridge
NY	Rouses Point	Lake Champlain Floating Bridge	1852					Northern Railroad of New York	Bridge
NY	Salisbury Mills	Moodna Creek Viaduct	1906			3,200		Erie Railroad (1895)	Bridge- Historic Site
NY	Ticonderoga	Floating Bridge		1917					Bridge
NY	Tip Top		1851			1,776	1.0%	New York & Erie Railroad (aka	Track: Grade - 1.0%
NY	Troy	Bridge-Hudson River	1836					Rensselaer & Saratoga Railroad	Bridge
NY	Vestal		1880					Delaware, Lackawanna & Western	Bridge
NY	Walton	Northfield Tunnel	1890					New York, Ontario & Western	Tunnel
OH	Acre	Tunnel No. 6						Pan Handle Railway (Panhandle	Tunnel
OH	Acre (Broadacre)	Tunnel No. 7						Pan Handle Railway (Panhandle	Tunnel
OH	Acre (Broadacre)	Tunnel No. 8						Pan Handle Railway (Panhandle	Tunnel
OH	Bainbridge	Summit Hill						Detroit, Toledo & Ironton Railroad	Track: Grade
OH	Barnesville	Barnesville Tunnel	1870			423		Baltimore & Ohio Railroad	Tunnel
OH	Bellaire	Bellaire Viaduct	1871					Baltimore & Ohio Railroad	Bridge- Historic Site
OH	Bowerstown	Tunnel No. 10						Pan Handle Railway (Panhandle	Tunnel
OH	Bridgeport	Bridgeport Bridge						Pennsylvania Railroad	Bridge
OH	Cadiz Junction	Tunnel No. 9						Pan Handle Railway (Panhandle	Tunnel
OH	Cincinnati	C&O Railroad Bridge	1889					Chesapeake & Ohio Railway	Bridge
OH	Cincinnati	Cheviot Hill					1.9%	Chicago, Cincinnati & Louisville	Track: Grade - 1.9%
OH	Cincinnati	Cincinnati Southern Bridge	1877					Cincinnati Southern Railway	Bridge

Bridges, Tunnels and Mountain Passes by Location

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Location-Country, State, Place Name-City			In Service	End Service	Elev (Feet)	Length (Feet)	Grade %	RR Name	Facility Type
OH	Cincinnati	Cincinnati Subway							Tunnel
OH	Cincinnati	Deer Creek Railroad Tunnel	1850			10,011		Dayton & Cincinnati Railroad	Tunnel 10,011 Feet long
OH	Cincinnati	L&N Bridge (currently named	1872	1987		2,759		Louisville & Nashville Railroad	Bridge- Historic Site
OH	Cincinnati	Ohio River Bridge	1922			3,230		Cincinnati, New Orleans & Texas	Bridge 3,230 Feet long
OH	Cleveland	Central Viaduct		1941				Cleveland Electric Railway	Bridge
OH	Cleveland	Flats Industrial Railroad vertical						Flats Industrial Railroad Co	Bridge
OH	Cleveland	Marcy Trestle				800		Lake Erie & Pittsburg Railway (Lake	Bridge
OH	Columbus	Lower Scioto River Bridge	1877					Baltimore & Ohio Railroad	Bridge
OH	Conneaut	Interurban Trestle							Bridge
OH	Conneaut	Nickel Plate Viaduct (Trestle)						New York, Chicago & St. Louis	Bridge
OH	Corning	Moxahala Tunnel	18705			1,275		Toledo & Ohio Central Railway	Tunnel
OH	Corning	Moxahala Tunnel	18705					Atlantic & Lake Erie Railway	Tunnel
OH	Gould	Tunnel No. 5						Pan Handle Railway (Panhandle	Tunnel
OH	Harrisville	Harrisville Tunnel						Wheeling & Lake Erie Railroad	Tunnel
OH	Ironton	Royersville Tunnel (Vesuvius	1851			1,050		Detroit, Toledo & Ironton Railroad	Tunnel
OH	Martins Ferry		1905					Wheeling & Lake Erie Railroad	Bridge
OH	Mingo Junction	Mingo Junction Bridge	1904			1,296		Wabash Pittsburgh Terminal	Bridge
OH	Mt. Healthy							Cincinnati, Hamilton & Dayton	Track: Grade
OH	New Alexandria	Tunnel No. 6						Pan Handle Railway (Panhandle	Tunnel
OH	Quincy		1911			1,192		Detroit, Toledo & Ironton Railroad	Bridge
OH	Sciotoville	Sciotoville Bridge	1916			1,550		Chesapeake & Ohio Railway	Bridge
OH	Steubenville							Pennsylvania Railroad	Tunnel
OH	Steubenville	Steubenville Railroad Bridge	1860					Holliday's Cove Railroad of Virginia	Bridge
OH	Toledo		1881					Wheeling & Lake Erie Railroad	Bridge
OH	Waterville	Maumee River Bridge	1930					Cincinnati & Lake Erie Railway	Bridge
OK	Calvin							Chicago, Rock Island & Pacific	Bridge
OR	Ashland	Siskiyou Pass	1887		4,135		3.7%	Southern Pacific Railroad	Track: Grade - 3.7%
OR	Bonneville	Tanner Creek Viaduct	1935					Union Pacific Railroad	Bridge
OR	Chemult	Pengra Pass			5,000			Southern Pacific Railroad	Track: Grade
OR	Columbia	Westport Tunnel	1887					Hungry Hollow Logging Company	Tunnel
OR	Encina (Baker)	Huntington-Baker line					2.2%	Union Pacific Railroad	Track: Grade - 2.2%
OR	Eugene	Siskiyou Pass					3.7%	Southern Pacific Railroad	Track: Grade - 3.7%
OR	Forest Park	Cornelius Pass Tunnel	1911			4,105		United Railways (of Portland, OR)	Tunnel 4,105 Feet long
OR	Gateway	Trout Creek Trestle	1910			565		Oregon Trunk Railway	Bridge
OR	Kamela	Meacham Canyon (LaGrande-				21,241	2.2%	Union Pacific Railroad	Track: Grade - 2.2%
OR	Kerry	Kerry Tunnel	1917			1,875		Columbia & Nehalem River Railroad	Tunnel
OR	La Grande	Kamela Mountain			4,205		2.2%	Union Pacific Railroad	Track: Grade - 2.2%
OR	Meacham	Pelican Canyon					2.6%	Oregon-Washington Railway &	Track: Grade - 2.6%
OR	Motanic						2.2%	Oregon Short Line Railroad (1897)	Track: Grade - 2.2%
OR	Nashville	Toledo Branch Summit					2.6%	Southern Pacific Railroad	Track: Grade - 2.6%
OR	Newport	Monterey Trestle	1918					Yaquina Northern Railroad	Bridge
OR	Opal City	Crooked River Bridge	1911			460		Oregon Trunk Railway	Bridge
OR	Portland	Broadway Brdige	1912			1,742		Portland Railway Light & Power	Bridge
OR	Portland	Elk Rock Tunnel	1921			1,300		Southern Pacific Railroad	Tunnel
OR	Portland	Robertson Tunnel	1998			16,370		Tri-County Metropolitan	Tunnel 16,370 Feet long
OR	Portland	Steel Bridge #1 (aka Harriman	1888					Oregon Railway & Navigation	Bridge
OR	Portland	Steel Bridge #2 (aka Harriman	1912					Oregon-Washington Railway &	Bridge- Historic Site
OR	Portland	Willamette River Railroad	1908			1,762		Spokane, Portland & Seattle	Bridge
OR	Reedspport					4,183		Willamette Pacific Railroad	Tunnel 4,183 Feet long
OR	Scappoose		1920	1943		1,712		Portland & Seattle Railroad	Tunnel
OR	Scappoose	Nehalem Dlvide Tunnel	1920	1944		1,712		Portland & Southwestern Railroad	Tunnel- Historic Site
OR	Sisters	Santiam Pass	1888		4,817			Oregon Pacific Railroad	Track: Grade
OR	Tophill						2.3%	Portland, Astoria & Pacific	Track: Grade - 2.3%
PA	Altoona	Horseshoe Curve	1854		1,716	2,375	1.7%	Pennsylvania Railroad	Track: Grade- Historic
PA	Ashley	Ashley Planes #1 & 2	1837	1948		13,020	14.6%	Lehigh & Susquehanna Railroad	Track: Grade- Historic
PA	Avoca	Avoca Viaduct						Lackawanna & Wyoming Valley	Bridge
PA	Baldwin	Whitehall Tunnel	1900			1,630		Baltimore & Ohio Railroad	Tunnel

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PA	Beaver	1878	1910		443		Pittsburgh & Lake Erie Railroad	Bridge
PA	Beaver	1910			1,779		Pittsburgh & Lake Erie Railroad	Bridge- Historic Site
PA	Bethlehem	1905					Philadelphia, Bethlehem & New	Bridge
PA	Bigler					2.6%	R. J. Corman Railroad-	Track: Grade - 2.6%
PA	Braddock	1898					Union Railroad (of Pittsburgh)	Bridge
PA	Bulger		1906				Pan Handle Railway (Panhandle	Tunnel
PA	Burgetts						Pan Handle Railway (Panhandle	Track: Grade
PA	Cambridge							Bridge- Historic Site
PA	Cambridge						Erie Railroad (1895)	Bridge- Historic Site
PA	Chester	107					Chester & Delaware River	Bridge- Historic Site
PA	Columbia	1896	1963		5,375		Pennsylvania Railroad	Bridge 5,375 Feet long
PA	Cressona	1890			1,000		Lehigh Valley Railroad	Bridge
PA	Culmerville	1897	1916				Bessemer & Lake Erie Railroad	Bridge
PA	Culmerville		1922				Bessemer & Lake Erie Railroad	Tunnel
PA	Dinsmore						Pan Handle Railway (Panhandle	Tunnel
PA	Easton	1890			1,300		Lehigh & Hudson River Railway	Bridge
PA	Easton	1855			832		Lehigh Valley Railroad	Bridge
PA	Easton	1867			832		Lehigh & Susquehanna Railroad	Bridge
PA	Eddystone	1917					Philadelphia, Wilmington &	Bridge- Historic Site
PA	Fairview	1974	1956		830		East Broad Top Railroad	Tunnel
PA	Gallitzin	1854	1995	2,167	3,612		Pennsylvania Railroad	Tunnel- Historic Site
PA	Gallitzin	1904	1995	2,167	3,612	2.0%	Pennsylvania Railroad	Tunnel - 2.0% Grade
PA	Gallitzin	1855	1995				Pennsylvania Railroad	Tunnel
PA	Glen Hazel	1884			2,397		Baltimore & Ohio Railroad	Bridge
PA	Harmar	1897			3,538		Bessemer & Lake Erie Railroad	Bridge- Historic Site
PA	Harrisburg	1839	1916				Cumberland Valley Railroad	Bridge
PA	Harrisburg	1916	2000				Pennsylvania Railroad	Bridge
PA	Harrisburg	1924					Philadelphia & Reading Railroad	Bridge
PA	Harrisburg	1891					Philadelphia & Reading Railroad	Bridge- Historic Site
PA	Hollidaysburg			2,526			Allegheny Portage Railroad (Main	Track: Grade- Historic
PA	Hometown	1880			981		Nesquehoning Valley Railroad	Bridge
PA	Hometown	1875			1,100		Lehigh Valley Railroad	Bridge
PA	Huntingdon	1849					Pennsylvania Railroad	Bridge- Historic Site
PA	Hyndman	1871		2,630	89,760	2.3%	Baltimore & Ohio Railroad	Track: Grade - 2.3%
PA	Jim Thorpe						Central Railroad of New Jersey	Tunnel
PA	Jim Thorpe						Nesquehoning Viaduct	Bridge
PA	Jim Thorpe	1866	1912		900		Lehigh & Susquehanna Railroad	Tunnel
PA	Johnstown	1834			900		Allegheny Portage Railroad (Main	Tunnel- Historic Site
PA	Johnstown						Pennsylvania Railroad	Bridge
PA	Keating					2.6%	Western New York &	Track: Grade - 2.6%
PA	Kingsley	1915			1,600		Delaware, Lackawanna & Western	Bridge
PA	Kingsley	1915			1,600		Delaware, Lackawanna & Western	Bridge
PA	Koppel	1893					Beaver & Elwood Railroad (Beaver	Bridge
PA	Koppel	1915	1981				Pittsburgh & Lake Erie Railroad	Bridge
PA	Lackawaxen						Erie Railway (1861)	Bridge- Historic Site
PA	Lake City	1902					New York, Chicago & St. Louis	Bridge- Historic Site
PA	Lanesboro	1847			250		Erie Railroad (1895)	Bridge
PA	Lanesboro						Erie Railroad (1895)	Bridge
PA	Lanesboro						Erie Railroad (1895)	Bridge- Historic Site
PA	Lanesboro	1848		110	1,200		New York & Erie Railroad (aka	Bridge- Historic Site
PA	Lewistown	1857	1893				Lewistown & Tuscarora Bridge	Bridge
PA	Mahanoy	1861	1932			28.0%	Mahanoy Plane (1861-1932)	Track: Grade - 28.0%
PA	Mahanoy (East)	1862			3,400		Mahanoy & Broad Mountain	Tunnel 3,400 Feet long
PA	Marysville	1902			3,860		Cumberland Valley Railroad	Bridge 3,860 Feet long
PA	McKeesport	1890					Union Railroad (of Pittsburgh)	Bridge
PA	Meadville	1881					Bessemer & Lake Erie Railroad	Bridge
PA	Meyersdale	1854	1917		4,777		Pittsburgh & Connellsville	Tunnel 4,777 Feet long

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PA	Millrift	Bridge 90.84	1895					New York, Lake Erie & Western	Bridge- Historic Site
PA	Mt. Jewett	Kinzua Viaduct	1882	1959		2,052		New York, Lake Erie & Western	Bridge- Historic Site
PA	Mt. Union	Mount Union Bridge Middle	1906					Pennsylvania Railroad	Bridge- Historic Site
PA	Mt. Union	Mount Union Bridge	1906					Pennsylvania Railroad	Bridge- Historic Site
PA	New Geneva	New Geneva Bridge	1912					Monongahela Railway	Bridge- Historic Site
PA	New Salem	Howard Tunnel (New Salem, PA)	1838					York & Maryland Line Railroad	Tunnel
PA	Nicholson	Nicholson Viaduct (see	1915		240	2,375		Delaware, Lackawanna & Western	Tunnel- Historic Site
PA	Nicholson	Tunkhannock Viaduct (aka	1912		240	2,375		Delaware, Lackawanna & Western	Bridge- Historic Site
PA	North Versailles	Port Perry Bridge (PRR)	1903					Pennsylvania Railroad	Bridge- Historic Site
PA	Nuangola	Penobscot Tunnel	1903	1933		2,700		Wilkes-Barre & Hazleton Railroad	Tunnel 2,700 Feet long
PA	Oakmont	Allegheny River Bridge	1918			2,327		Bessemer & Lake Erie Railroad	Bridge- Historic Site
PA	Oil City		1930	1971				Pennsylvania Railroad	Bridge
PA	Osgood	Amasa Viaduct (Osgood Viaduct/				1,724		Bessemer & Lake Erie Railroad	Bridge
PA	Peale (Snow	Peale Tunnel	1883			1,277		Susquehanna & Southwestern	Tunnel
PA	Petersburg	Shavers Creek Bridge	1889					Pennsylvania Railroad	Bridge- Historic Site
PA	Philadelphia	52nd Street Bridge	1902			387		Pennsylvania Railroad	Bridge- Historic Site
PA	Philadelphia	52nd Street Bridge	1902					Pennsylvania Railroad	Bridge- Historic Site
PA	Philadelphia	Belmont Plane (Incline)	1834			2,805	15.0%	Philadelphia & Columbia Railroad	Track: Grade - 15.0%
PA	Philadelphia	Benjamin Franklin Bridge	1926			9,573		Port Authority Transit (PATCO)	Bridge 9,573 Feet long
PA	Philadelphia	Center City Commuter	1984			9,500		Southeastern Pennsylvania	Tunnel 9,500 Feet long
PA	Philadelphia	Columbia Railroad Bridge	1834					Philadelphia & Columbia Railroad	Bridge
PA	Philadelphia	Delair Bridge	1896			4,396		Pennsylvania Railroad	Bridge 4,396 Feet long
PA	Philadelphia	Pennsylvania Railroad,	1867			236		Connecting Railway	Bridge
PA	Philadelphia	West Philadelphia Elevated	1904			8,140		Pennsylvania Railroad	Bridge 8,140 Feet long
PA	Phoenixville	Black Rock Tunnel						Philadelphia & Reading Railroad	Bridge- Historic Site
PA	Pittsburgh	33rd Street Railroad Bridge	1884			400		Baltimore & Ohio Railroad	Bridge
PA	Pittsburgh	Brilliant Branch Cut-Off, South	1902					Pennsylvania Railroad	Bridge
PA	Pittsburgh	Brunot's Island Bridge, Spanning						Ohio Connecting Railway	Bridge
PA	Pittsburgh	Cork Run Tunnel (Berry Street	1865			2,371		Pittsburgh & Steubenville	Tunnel- Historic Site
PA	Pittsburgh	Ft. Wayne Bridge (1868)	1868			985		Pittsburgh, Ft. Wayne & Chicago	Bridge- Historic Site
PA	Pittsburgh	Ft. Wayne Bridge (1904)	1904			985		Pittsburgh, Ft. Wayne & Chicago	Bridge- Historic Site
PA	Pittsburgh	Glenwood Bridge	1966					Baltimore & Ohio Railroad	Bridge
PA	Pittsburgh	Glenwood Bridge - Pittsburgh	1894					Pittsburgh Railways	Bridge
PA	Pittsburgh	Glenwood Railroad Bridge	1884			2,397		Baltimore & Ohio Railroad	Bridge
PA	Pittsburgh	Hot Metal Bridge	1904			1,174		Monongahela Connecting	Bridge- Historic Site
PA	Pittsburgh	Mt. Washington CTunnel ("Coal	1904			3,500		Pittsburgh Railways	Tunnel 3,500 Feet long
PA	Pittsburgh	Panhandle Tunnel (Pittsburgh	1865			1,440		Pittsburgh & Steubenville	Tunnel- Historic Site
PA	Pittsburgh	Pennsylvania 11th St. Bridge	1904					Pennsylvania Railroad	Bridge- Historic Site
PA	Pittsburgh	Schenley Tunnel				2,872	1.4%	Baltimore & Ohio Railroad	Tunnel - 1.4% Grade
PA	Pittsburgh	Tunnel No. 1						Pan Handle Railway (Panhandle	Tunnel
PA	Pittsburgh	Tunnel No. 2						Pan Handle Railway (Panhandle	Tunnel
PA	Pittsburgh	Wabash Bridge	1904	1948		812		Wabash Pittsburgh Terminal Railway	Bridge
PA	Pittsburgh	Wabash Tunnel	1903	1946		3,450		Wabash Pittsburgh Terminal	Tunnel 3,450 Feet long
PA	Pittsburgh	West Penn Railroad Bridge	1890					Western Pennsylvania Railroad	Bridge- Historic Site
PA	Pittsburgh	Brilliant Branch Bridge	1904					Pennsylvania Railroad	Bridge
PA	Port Perry	Port Perry Bridge	1874					Pennsylvania Railroad	Bridge- Historic Site
PA	Portland	Delaware River Bridge	1911	1983		1,452		Delaware, Lackawanna & Western	Bridge
PA	Schuylkill Haven	Schuylkill Haven Bridge (PRR)	1884					Pennsylvania Railroad	Bridge
PA	Schuylkill Haven	Schuylkill River Bridge	1840					Philadelphia & Reading Railroad	Bridge
PA	Scranton	Laurel Line Tunnel (Crown				4,750		Lackawanna & Wyoming Valley	Tunnel 4,750 Feet long
PA	Shohola	East SA Tower and West SA	1855					Erie Railroad (1895)	Bridge- Historic Site
PA	Shohola	Shohola Bridge designed by	1855					Erie Railroad (1895)	Bridge- Historic Site
PA	Shohola	Shohola Viaduct	1870					Erie Railroad (1895)	Bridge- Historic Site
PA	Slatington	Lehigh Gap Bridge	1912	1961				Lehigh & New England Railroad	Bridge
PA	Sunbury		1916					Shamokin, Sunbury & Lewisburg	Bridge
PA	Temple	Peacock's Lock Viaduct	1856					Philadelphia & Reading Railroad	Bridge- Historic Site
PA	Tunkhannock	Vosburg Tunnel	1886					Lehigh Valley Railroad	Tunnel

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PA	Union Dale					1.4%	Delaware & Hudson Railway	Track: Grade - 1.4%
PA	Wampum	1881					Pittsburgh, Youngstown &	Bridge- Historic Site
PA	West Brownsville	1912			401		Pennsylvania Railroad	Bridge- Historic Site
SC	Walhalla				4,363		South Carolina Rail Road	Tunnel 4,363 Feet long
SD	Brandon	1889					Chicago, St. Paul, Minneapolis &	Bridge
SD	Chamberlain	1918			4,550		Chicago, Milwaukee, St. Paul &	Bridge 4,550 Feet long
SD	Chamberlain	1906	1923		855		Chicago, Milwaukee, St. Paul &	Bridge
SD	Deadwood					3.0%	Chicago, Burlington & Quincy	Track: Grade - 3.0%
SD	Dumont			6,155			Chicago, Burlington & Quincy	Track: Grade
SD	Edgemont				700		Grand Island & Wyoming Central	Bridge
SD	Keystone			4,330		4.0%	Chicago, Burlington & Quincy	Track: Grade - 4.0%
SD	Mobridge	1961			1,820		Burlington Northern & Santa Fe	Bridge
SD	Mobridge	1907	1961				Chicago, Milwaukee, St. Paul &	Bridge
SD	Pierre	1907			2,200		Chicago & North Western Railway	Bridge- Historic Site
TN	Chaska						Louisville & Nashville Railroad	Track: Grade
TN	Chattanooga	1852					Chattanooga, Harrison,	Tunnel- Historic Site
TN	Chattanooga						Cincinnati, New Orleans & Texas	Bridge
TN	Chattanooga	1858	1950				East Tennessee & Georgia	Tunnel
TN	Cowan					2.5%	Nashville & Chattanooga Railroad	Track: Grade - 2.5%
TN	Cowan	1853			2,228	2.5%	Nashville & Chattanooga Railroad	Tunnel- Historic Site
TN	Emory Gap						Cincinnati, New Orleans & Texas	Bridge
TN	Erin					2.0%	Louisville & Nashville Railroad	Track: Grade - 2.0%
TN	Johnsonville (New	1867	1945				Nashville, Chattanooga & St. Louis	Bridge
TN	Knoxville					1.1%	Louisville & Nashville Railroad	Track: Grade - 1.1%
TN	La Follette						Louisville & Nashville Railroad	Tunnel
TN	Lake City						CSX Corporation	Bridge
TN	Lancing						Cincinnati, New Orleans & Texas	Bridge
TN	Memphis	1892			4,887		Kansas City, Ft. Scott & Memphis	Bridge- Historic Site
TN	Memphis	1916			4,973		Chicago, Rock Island & Pacific	Bridge 4,973 Feet long
TN	Morley						Louisville & Nashville Railroad	Tunnel
TN	Nashville	1860					Louisville & Nashville Railroad	Bridge
TN	Nashville	1859					Louisville & Nashville Railroad	Bridge
TN	Nemo						Cincinnati, New Orleans & Texas	Bridge
TN	Oneida	1879	1963		930		Cincinnati Southern Railway	Bridge
TN	Tracy City		1985			3.0%	Nashville, Chattanooga & St.	Track: Grade - 3.0%
TN	Westel	1898			1,400		Tennessee Central Railway	Bridge
TX	Brownsville	1910					St. Louis, Brownsville & Mexico	Bridge
TX	Denison	1872					Missouri, Kansas & Texas Railway	Bridge
TX	El Paso	1900					Southern Pacific Railroad	Bridge
TX	Ft. Worth	1910					Missouri, Kansas & Texas Railway	Bridge- Historic Site
TX	Galveston	1912					Atchison, Topeka & Santa Fe	Bridge
TX	Langtry	1892			2,180		Texas & New Orleans Railroad	Bridge- Historic Site
TX	Laredo	1920			1,275		Texas Mexican Railway	Bridge
TX	New Braunfels	1928					Missouri-Kansas-Texas Railroad	Bridge- Historic Site
TX	Orange	1897					Kansas City Southern Railway	Bridge
TX	Pecos	1891			2,180		Southern Pacific Railroad	Bridge
TX	Presidio						South Orient Railroad (South Orient	Bridge
TX	Richland Hills					4.0%	Atchison, Topeka & Santa Fe	Track: Grade - 4.0%
TX	San Leon	1907					Galveston, Harrisburg & San	Bridge- Historic Site
TX	Wharton	1903					Texas & New Orleans Railroad	Bridge- Historic Site
UT	Bingham	1959			18,000		Kennecott Copper Company	Tunnel 18,000 Feet long
UT	Bingham Canyon						Utah Copper Company Railroad	Bridge
UT	Brigham							Bridge
UT	Cutler-Mount						Los Angeles & Salt Lake Railroad	Track: Grade
UT	Echo					1.1%	Union Pacific Railroad	Track: Grade- Historic
UT	Helper	1920		7,440		2.4%	Denver & Rio Grande Western	Track: Grade - 2.4%
UT	Lynndyl			6,061			Union Pacific Railroad	Track: Grade

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UT	Ogden	Gateway Bridge						Union Pacific Railroad	Bridge- Historic Site
UT	Ogden	Lucin Cutoff (Trestle)	1903					Southern Pacific Railroad	Bridge- Historic Site
UT	Promontory Point	Promontory Trestle	1869			450		Central Pacific Railroad	Bridge
UT	Promotory	Promontory Grade					2.2%	Central Pacific Railroad	Track: Grade - 2.2%
UT	Summit				7,440			Denver & Rio Grande Railroad	Track: Grade
UT	Thistle	Thistle Tunnels						Denver & Rio Grande Western	Tunnel
UT	Tintic		1881				6.0%	Salt Lake & Western Railway	Track: Grade - 6.0%
UT	Uintah	Helper locomotives						Union Pacific Railroad	Track: Grade
UT	Uintah	Wasatch Grade MP 985.1					1.1%	Union Pacific Railroad	Track: Grade - 1.1%
UT	Wahsatch	Echo Tunnel	1868			772		Union Pacific Railroad	Tunnel
UT	Wahsatch	Wahsatch Station (Wasatch)			6,800		1.1%	Union Pacific Railroad	Track: Grade - 1.1%
VA	Alexandria	Wilkes Street Tunnel	1855					Orange & Alexandria Railroad	Tunnel
VA	Big Stone Gap	Callahans's Nose Tunnel		1986		255		Louisville & Nashville Railroad	Tunnel
VA	Charlottesville	North Mountain Subdivision						South & North Alabama Railroad	Tunnel
VA	Christiansburg	Montgomery Tunnel						Norfolk & Western Railway	Tunnel
VA	Christiansburg	Christiansburg Hill					1.0%	Norfolk & Western Railway	Track: Grade - 1.0%
VA	Clarke's Gap						2.0%	Virginian Railway	Track: Grade - 2.0%
VA	Coeburn	Kennedy Trestle						Norfolk & Western Railway	Bridge
VA	Compton	Compton Viaduct	1915					Norfolk Southern Railway	Bridge
VA	Covington	Alleghany Tunnel	1870					Chesapeake & Ohio Railway	Tunnel
VA	Covington	Lewis Tunnel	1873			3,061		Chesapeake & Ohio Railway	Tunnel 3,061 Feet long
VA	Farmville	High Bridge	1854			2,529		Southside Railroad (also South	Bridge 2,529 Feet long
VA	Front Royal	Shenandoah River Bridge	1855					Manassas Gap Railroad	Bridge- Historic Site
VA	Glen Lyn	Glen Lyn Bridge				2,155		Virginian Railway	Bridge
VA	Glenita	Natural Tunnel	1894			838		South Atlantic & Ohio Railroad	Tunnel
VA	Harpers Ferry	Harpers Ferry						Baltimore & Ohio Railroad	Tunnel
VA	Lofton	Lofton Hill						Norfolk & Western Railway	Track: Grade
VA	Pennington Gap	Hagas Tunnel	1930			6,244		Louisville & Nashville Railroad	Tunnel 6,244 Feet long
VA	Richmond	Church Hill Tunnel	1875			4,000		Chesapeake & Ohio Railway	Tunnel 4,000 Feet long
VA	Richmond	James River Bridge	1838	1919		2,844		Richmond & Petersburg Railroad	Bridge 2,844 Feet long
VA	Richmond	James River Viaduct ("Million	1919			2,200		Atlantic Coast Line Railroad	Bridge
VA	Richmond	Triple Crossing Viaduct	1901			15,840		Chesapeake & Ohio Railway	Bridge 15,840 Feet long
VA	Rockfish Gap	Blue Ridge Tunnel #1	1858	1944		4,263		Blue Ridge Railroad (Virginia)	Tunnel- Historic Site
VA	Rockfish Gap	Blue Ridge Tunnel #2	1944			4,263		Chesapeake & Ohio Railway	Tunnel 4,263 Feet long
VA	Starkey	Starkey Hill					1.6%	Norfolk & Western Railway	Track: Grade - 1.6%
VT	Alburg	Alburg, Vermont - Rouses	1867	1962				Rutland Railroad	Bridge
WA	Ankeny	Cow Creek Viaduct				1,800		Spokane, Portland & Seattle	Bridge
WA	Ayer	Snake River Bridge (UP) (Joso	1914			3,920		Oregon-Washington Railway &	Bridge- Historic Site
WA	Berne	Cascade Tunnel (1900)	1900	1929	3,380	13,700	2.2%	Great Northern Railroad	Tunnel - 2.2% Grade
WA	Berne	Cascade Tunnel (1929)	1929		2,880	41,200	1.6%	Great Northern Railroad	Tunnel - 1.6% Grade
WA	Beverly		1909					Chicago, Milwaukee, St. Paul &	Bridge- Historic Site
WA	Bolyston (Kittitas)	Saddle Mountain Pass			2,460		2.2%	Chicago, Milwaukee, St. Paul &	Track: Grade - 2.2%
WA	Cedar Falls	Cascade Line					1.7%	Chicago, Milwaukee, St. Paul &	Track: Grade - 1.7%
WA	Chumstick	Chumstick Tunnel	1928		2,601		1.5%	Great Northern Railroad	Tunnel - 1.5% Grade
WA	Cle Elum	Stampede Pass	1888		3,672	10,560	2.2%	Northern Pacific Railroad	Track: Grade - 2.2%
WA	Cle Elum	Stampede Tunnel	1888		2,830	9,500	3.0%	Northern Pacific Railroad	Tunnel - 3.0% Grade
WA	Clem						3.0%	Union Pacific Railroad	Track: Grade - 3.0%
WA	Cowlitz	Cowlitz Pass	1908		3,500			North Coast Railroad	Track: Grade
WA	Everett	Boeing aircraft plant lead (from					5.6%	Burlington Northern & Santa Fe	Track: Grade - 5.6%
WA	Hyak	Snoqualmie Pass & Tunnel	1915		2,564	11,890	1.7%	Chicago, Milwaukee, St. Paul &	Track: Grade - 1.7%
WA	Hyak	Snoqualmie Tunnel	1915		2,564	11,890	2.8%	Chicago, Milwaukee, St. Paul &	Tunnel - 2.8% Grade
WA	Lind							Chicago, Milwaukee, St. Paul &	Bridge
WA	Midvale		1910					Union Pacific Railroad	Bridge- Historic Site
WA	Mineral						3.0%	Mt. Rainier Scenic Railroad	Track: Grade - 3.0%
WA	Pasco (Ainsworth)	Snake River Bridge	1884			1,541		Northern Pacific Railroad	Bridge
WA	Seattle	Great Northern Tunnel in	1906			5,280		Great Northern Railroad	Tunnel 5,280 Feet long
WA	Shelton	High Steel Bridge	1929	1955		685		Simpson Timber Co. (Simpson	Bridge- Historic Site

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WA	Shelton	Vance Creek Bridge	1929	1970		800	Simpson Timber Co. (Simpson	Bridge- Historic Site
WA	Spokane	Hangman's Creek Viaduct				3,003	Oregon-Washington Railway &	Bridge 3,003 Feet long
WA	Spokane	High Bridge				3,905	Oregon-Washington Railway &	Bridge 3,905 Feet long
WA	Spokane	Latah Creek Bridge						Bridge
WA	Spokane	Marshall Canyon (Spokane -					Northern Pacific Railroad	Track: Grade
WA	Spokane	Monroe Street Bridge	1914			769	North Coast Railroad	Bridge- Historic Site
WA	Tacoma	Milwaukee Trestle	1913	2015			Chicago, Milwaukee, St. Paul &	Bridge
WA	Tacoma	Tacoma Hill				3.3%	Chicago, Milwaukee, St. Paul &	Track: Grade - 3.3%
WA	Tanner	Hull Creek Trestle					Chicago, Milwaukee, St. Paul &	Bridge
WA	Tekoa	Tekoa Viaduct	1909			975	Chicago, Milwaukee, St. Paul &	Bridge
WA	Vancouver	Columbia River Bridge	1909			2,808	Northern Pacific Railroad	Bridge 2,808 Feet long
WA	Vancouver	North Bank Bridge				10,000	Spokane, Portland & Seattle	Bridge 10,000 Feet long
WA	Washougal	Cape Horn Tunnel				2,382	Spokane, Portland & Seattle	Tunnel
WA	Wellington	Stevens Pass Tunnel approach	1900		2,880	13,183	2.2% Great Northern Railroad	Track: Grade- Historic
WA	Wellington	Stevens Pass Tunnel approach	1929		2,100		1.6% Great Northern Railroad	Track: Grade- Historic
WA	Wellington	Stevens Pass Tunnel#1	1900		3,350	13,183	1.7% Great Northern Railroad	Track: Grade- Historic
WA	Winton	Winton Tunnel	1928		2,040	4,059	Great Northern Railroad	Tunnel 4,059 Feet long
WA	Wishram	Oregon Trunk Rail Bridge or	1912			3,350	Oregon Trunk Railway	Bridge 3,350 Feet long
WI	Belleville	Stewart Tunnel	1888				Chicago, Madison & Northern	Tunnel
WI	Bridgeport (Prairie	Wisconsin River Bridge					Chicago, Milwaukee & St. Paul	Bridge
WI	Byron	Byron Hill					1.0% Soo Line Railroad Company	Track: Grade - 1.0%
WI	De Pere	Fox River Bridge					Chicago & North Western Railway	Bridge
WI	Duluth	Soo Line Tunnel	1909			1,600	Minneapolis, St. Paul & Sault Ste.	Tunnel
WI	Eau Claire	Chippewa River Bridge	1870				West Wisconsin Railway	Bridge
WI	Eau Claire	Wisconsin River Bridge					Chicago & North Western Railway	Bridge
WI	Green Bay	Fox River Bridge	1897			1,560	Wisconsin Central Railroad (1871)	Bridge
WI	Green Bay	Fox River Bridge (Fox River	1899			480	Chicago & North Western Railway	Bridge
WI	Green Bay	Porlier Pier Bridge					Chicago, Milwaukee, St. Paul &	Bridge
WI	Hudson	7th Street Bridge	1910			3,922	Chicago, St. Paul, Minneapolis &	Bridge 3,922 Feet long
WI	Hudson	St. Croix River Crossing	1870			3,922	West Wisconsin Railway	Bridge 3,922 Feet long
WI	La Crosse	La Crosse Railroad Bridge	1876				St. Paul & Chicago Railroad	Bridge
WI	Manitowoc	Jack Knife Bridge (Soo Line					Wisconsin Central Railroad (1871)	Bridge
WI	Merrimac	Wisconsin River Bridge					Chicago & North Western Railway	Bridge
WI	Milwaukee	Kinnickinnic River Bridge	1896				Chicago, Milwaukee & St. Paul	Bridge
WI	Osceola	Saint Croix River Crossing	1887			675	Minneapolis, St. Paul & Sault Ste.	Bridge
WI	Oshkosh						Chicago & North Western Railway	Bridge
WI	Prairie du Chien	Prarie du Chien Pontoon Bridge	1874				Milwaukee & Mississippi Railroad	Bridge
WI	Prescott	Burlington Railroad Bridge	1891				Chicago, Burlington & Northern	Bridge
WI	Somerset	Saint Croix River Crossing	1909			2,682	Wisconsin Central Railroad (1871)	Bridge 2,682 Feet long
WI	Sturgeon Bay		1894	1968			Ahnapee & Western Railway	Bridge
WI	Superior	Grassy Point Bridge					Northern Pacific Railroad	Bridge
WI	Superior	Grassy Point Drawbridge					Duluth, Winnipeg & Pacific Railway	Bridge
WI	Wyeville						Chicago & North Western Railway	Bridge
WV	Austen	Newburg Grade					2.2% Baltimore & Ohio Railroad	Track: Grade - 2.2%
WV	Alderson	Great Bend Tunnel #1	1872	1974		6,500	Chesapeake & Ohio Railway	Tunnel 6,500 Feet long
WV	Alderson	Great Bend Tunnel #2	1932				Chesapeake & Ohio Railway	Tunnel
WV	Ansted	Hawks Nest Bridge	1873				Chesapeake & Ohio Railway	Bridge
WV	Beckley (Jennys	Jenny Gap Tunnel				899	Virginian Railway	Tunnel
WV	Benwood	Benwood Bridge	1871			5,808	Baltimore & Ohio Railroad	Bridge- Historic Site
WV	Bluefield/	Elkhorn Tunnel #1	1887			3,100	2.5% Norfolk & Western Railway	Tunnel - 2.5% Grade
WV	Cooper	Elkhorn Tunnel #2	1950			6,336	1.4% Norfolk & Western Railway	Tunnel - 1.4% Grade
WV	Corvel (Mullens)	Corvel Trestle				738	Virginian Railway	Bridge
WV	Covel						Virginian Railway	Bridge
WV	Deepwater	Kanawha River Bridge	1930				Virginian Railway	Bridge
WV	Dingess	Dingess Tunnel	1892	1933		3,300	Norfolk & Western Railway	Tunnel 3,300 Feet long
WV	Eaton	Tunnel #21					Baltimore & Ohio Railroad	Tunnel
WV	Fairmont	Fairmont Bridge					Baltimore & Ohio Railroad	Bridge- Historic Site

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WV	Fayetteville							Bridge	
WV	Garwood				720		Virginian Railway	Bridge	
WV	Gassaway	Gassaway Stone Bridge Nos. 1					Baltimore & Ohio Railroad	Bridge- Historic Site	
WV	Glady	Shavers Mountain Tunnel				1.6%	Coal & Iron Railway	Tunnel - 1.6% Grade	
WV	Grafton	Grafton Bridge					Baltimore & Ohio Railroad	Bridge- Historic Site	
WV	Great Cacapon	Cacapon River Viaduct	1901				Baltimore & Ohio Railroad	Bridge- Historic Site	
WV	Harpers Ferry	Harpers Ferry Bridge	1836				Baltimore & Ohio Railroad	Bridge- Historic Site	
WV	Harpers Ferry	Harpers Ferry Tunnel					Baltimore & Ohio Railroad	Tunnel	
WV	Huttonsville	Cheat Mountain Grade				2.4%	Coal & Iron Railway	Track: Grade - 2.4%	
WV	Kenova		1892		4,000		Norfolk & Western Railway	Bridge 4,000 Feet long	
WV	Littleton	Board Tree Tunnel	1858				Baltimore & Ohio Railroad	Tunnel- Historic Site	
WV	Mullens (Elmore/	Clark's Gap Grade				2.1%	Virginian Railway	Track: Grade - 2.1%	
WV	Mullens (Jenny's	Jenny's Gap Tunnel	1914		899		Virginian Railway	Tunnel	
WV	Orleans Cross	Magnolia Bridge/Cutoff (Highline)	1914		1,000		Baltimore & Ohio Railroad	Bridge	
WV	Orleans Cross	Stuart Tunnel (Magnolia Cutoff/	1914		3,355		Baltimore & Ohio Railroad	Tunnel 3,355 Feet long	
WV	Parkersburg	East Street Bridge	1907		813		Monongahela West Penn Public	Bridge- Historic Site	
WV	Parkersburg	Parkersburg Bridge (Sixth	1871		7,140		Baltimore & Ohio Railroad	Bridge- Historic Site	
WV	Point Pleasant		1892		2,285		Kanawha & Michigan Railway	Bridge	
WV	Prince	Stretcher's Neck Tunnel	1873		1,600		Chesapeake & Ohio Railway	Tunnel	
WV	Rowlesburg	Cheat River Grade				2.5%	Baltimore & Ohio Railroad	Track: Grade - 2.5%	
WV	Rowlesburg	Rowlesburg Bridge					Baltimore & Ohio Railroad	Bridge- Historic Site	
WV	Rowlesburg	Tray Run Bridge					Baltimore & Ohio Railroad	Bridge- Historic Site	
WV	Slab Fork	Slab Fork Trestle	1914		613		Virginian Railway	Bridge	
WV	Spruce				4,066	3.0%	Greenbrier & Elk River Railroad	Track: Grade - 3.0%	
WV	Talcott	Big Bend Tunnel	1873		6,152		Chesapeake & Ohio Railway	Tunnel 6,152 Feet long	
WV	Thurmond						Chesapeake & Ohio Railway	Bridge	
WV	Tunnelton	Kingwood Tunnel	1853	1955?	2,500	4,138	2.2%	Baltimore & Ohio Railroad	Tunnel- Historic Site
WV	Welch	Huger Tunnels					Norfolk & Western Railway	Tunnel	
WV	Wheeling		1890				Wheeling Bridge & Terminal Railway	Bridge	
WV	Williamson	Hatfield Tunnels	1892					Tunnel	
WY	Aspen	Aspen Tunnel	1901			5,941	Union Pacific Railroad	Tunnel 5,941 Feet long	
WY	Carbon						Union Pacific Railroad	Track: Grade	
WY	Cheyenne	Archer Hill			6,058	0.7%	Union Pacific Railroad	Track: Grade - 0.7%	
WY	Cheyenne	Helper Locomotives used					Union Pacific Railroad	Track: Grade	
WY	Dale Creek	Dale Creek Trestle	1868	1903	8,247	720	Union Pacific Railroad	Bridge- Historic Site	
WY	Evanston	Helper Locomotives					Union Pacific Railroad	Track: Grade	
WY	Green River	Green River Bridge					Union Pacific Railroad	Bridge	
WY	Green River	Peru Hill					Union Pacific Railroad	Track: Grade	
WY	Lookout				7,184		Union Pacific Railroad	Track: Grade	
WY	Medicine Bow	Helper Locomotives					Union Pacific Railroad	Track: Grade	
WY	Moyer				7,032		Union Pacific Railroad	Track: Grade	
WY	Parkman	Parkman Hill					1.2% Chicago, Burlington & Quincy	Track: Grade - 1.2%	
WY	Piedmont	Altamont Tunnel	1949		7,230	6,706	Union Pacific Railroad	Tunnel 6,706 Feet long	
WY	Piedmont	Piedmont Hill Helper					1.3% Union Pacific Railroad	Track: Grade - 1.3%	
WY	Rawlins	Helper Locomotives					Union Pacific Railroad	Track: Grade	
WY	Sherman	Evans Pass (original Sherman	1865		8,262		Union Pacific Railroad	Track: Grade	
WY	Sherman	Sherman Hill (1865 track	1865	1903	8,247	5.1%	Union Pacific Railroad	Track: Grade - 5.1%	
WY	Sherman	Sherman Hill (1953 alignment)	1953		7,918	221,760	0.8%	Union Pacific Railroad	Track: Grade - 0.8%
WY	Sherman	Sherman Hill (Borie Cutoff)	1903		8,014	221,760	1.6%	Union Pacific Railroad	Track: Grade - 1.6%
WY	Sherman Hill	Hermosa Tunnel	1901			331	Union Pacific Railroad	Tunnel	
Austral	Brooklyn	Hawkesbury River railway	1889			2,910	New South Wales Government	Bridge- Historic Site	
Austral	Hobart	Rhyndaston Tunnel				3,133		Tunnel 3,133 Feet long	
Austral	Melbourne	City Loop				39,600		Tunnel 39,600 Feet long	
Australi	Swan View	Swan View Tunnel	1895	1966		1,116		Tunnel	
Austria	Böckstein	Tauern Rail Tunnel	1909		4,022	27,464		Tunnel 27,464 Feet long	
Austria	Breitenstein	Krauselklause Viaduct					Semmering Railway	Bridge	
Austria	Breitenstein,	Kalte Rinne Viaduct	1854				Semmering Railway	Bridge	

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Austria	Gablitz	Wienerwaldtunnel (Under	2012			42,768			Tunnel 42,768 Feet long
Austria	Innsbruck	Brenner Base Tunnel	2025			209,975		Österreichische Bundesbahnen	Tunnel 209,975 Feet
Austria	Koralpe (Koralm)	Koralm Tunnel	2022			20,400		Koralm Railway	Tunnel 20,400 Feet long
Austria	Rosenbach	Karawanken Tunnel	1906			26,168			Tunnel 26,168 Feet long
Austria	Semmering	Semmering Pass	1854		3,166			Semmering Railway	Track: Grade
Austria	St. Anton am	Arlberg Tunnel	1884			34,848			Tunnel 34,848 Feet long
Bulgari	Dolno Kamartsi	Galabets Tunnel				9,504			Tunnel 9,504 Feet long
Bulgari	Koprivshitsa	Koznitsa Tunnel				19,536			Tunnel 19,536 Feet long
Canada	Mayerthorpe	Rochfort Trestle	1914			2,414		Canadian Northern Railway	Bridge
Canada AB	Ardley	Red Deer River Bridge	1911			1,500			Bridge
Canada AB	Clairmont	Meikle River Bridge				2,000		Great Slave Lake Railway	Bridge
Canada AB	Duhamel (near	Battle River Bridge (Fabyan	1908			2,775		Grand Trunk Pacific Railway	Bridge 2,775 Feet long
Canada AB	Edmonton	High Level Bridge	1913	1989		2,477		Canadian Pacific Railway	Bridge- Historic Site
Canada AB	Entwistle	Pembina River Bridge	1910			910		Grand Trunk Pacific Railway	Bridge
Canada AB	Fort		1905					Canadian Northern Railway	Bridge
Canada AB	Frank	Crowsnest Pass	1897		4,455			Canadian Pacific Railway	Track: Grade
Canada AB	Gainford	Magnolia Trestle						Canadian National Railway	Bridge
Canada AB	Grande Prairie	Wapiti River Bridge	1969			2,800		Alberta Resources Railway	Bridge 2,800 Feet long
Canada AB	Jasper	Kicking Horse Pass (current	1909		5,340		2.2%	Canadian Pacific Railway	Track: Grade- Historic
Canada AB	Jasper	Kicking Horse Pass Big Hill	1884	1909	5,340	42,240	4.5%	Canadian Pacific Railway	Track: Grade - 4.5%
Canada AB	Jasper	Spiral Tunnels	1909		4,800	6,240	2.2%	Canadian Pacific Railway	Tunnel - 2.2% Grade
Canada AB	Jasper	Yellowhead Pass	1914		3,718			Grand Trunk Pacific Railway	Track: Grade- Historic
Canada AB	Lethbridge	Lethbridge Viaduct	1909			5,328		Canadian Pacific Railway	Bridge 5,328 Feet long
Canada AB	Mintlaw	Red Deer River Trestle	1912	1981		2,112		Alberta Central Railway	Bridge
Canada AB	Peace River	Heart River Trestle	1916					Northern Alberta Railways	Bridge
Canada BC	Avola	Lyon Creek Bridge	1914			1,300		Cincinnati Northern Railway	Bridge
Canada BC	Field	Stoney Creel Bridge	1893			600	2.2%	Canadian Pacific Railway	Bridge - 2.2% Grade
Canada BC	Fraine	Connaught Pass	1885	1916				Canadian Pacific Railway	Track: Grade
Canada BC	Fraine (near	Connaught Tunnel eastbound	1916		3,745	26,400	2.2%	Canadian Pacific Railway	Tunnel - 2.2% Grade
Canada BC	Glacier National	Mt. Shaughnessy Tunnel				6,336		Canadian Pacific Railway	Tunnel 6,336 Feet long
Canada BC	Golden	Connaught Tunnel (Rogers	1916		3,745	26,400	1.0%	Canadian Pacific Railway	Tunnel - 1.0% Grade
Canada BC	Golden	Mt. Macdonald Tunnel	1988		3,462	48,228	0.7%	Canadian Pacific Railway	Tunnel - 0.7% Grade
Canada BC	Golden	Rogers Pass	1884	long	4,364		2.2%	Canadian Pacific Railway	Track: Grade- Historic
Canada BC	Golden	Rogers Pass Tunnel						Canadian Pacific Railway	Tunnel
Canada BC	Golden	Stoney Creek Bridge	1885			656	2.2%	Canadian Pacific Railway	Bridge - 2.2% Grade
Canada BC	Hansard							Canadian National Railway	Bridge
Canada BC	Hope	Coquihalla Pass						Canadian Pacific Railway	Track: Grade
Canada BC	Hope	Quintette Tunnels (AKA Othello						Kettle Valley Railway	Tunnel
Canada BC	Kelowna	Myra Canyon Bridges						Kettle Valley Railway	Bridge
Canada BC	Lytton	Fraser River Bridge (Cisco				520		Canadian Pacific Railway	Bridge
Canada BC	Lytton	Fraser River Bridge (Cisco				825		Canadian National Railway	Bridge
Canada BC	Nakusp (Summit	Pine Pass			7,838			Pacific Great Eastern Railway	Track: Grade
Canada BC	Othello	Quinette Tunnels						Canadian Pacific Railway	Tunnel
Canada BC	Port Renfrew	Bear Creek Bridge	1939	1957		517		Malahat Logging Co.	Bridge
Canada BC	Prince George	Prince George Bridge	1910			2,659		Grand Trunk Pacific Railway	Bridge 2,659 Feet long
Canada BC	Revelstoke		1893			660		Canadian Pacific Railway	Bridge
Canada BC	Squamish	Cheakamus Canyon					2.2%	British Columbia Railway (BC Rail)	Track: Grade - 2.2%
Canada BC	Tumbler Ridge	Table Tunnel	1983			29,600		BC Rail	Tunnel 29,600 Feet long
Canada BC	Vancouver	Second Narrows Bridge	1925					Canadian National Railway	Bridge
Canada BC	Victoria,	Kinsol Trestle	1920	1979		613		Canadian National Railway	Bridge
Canada BC	West Vancouver	Horseshoe Bay tunnel				10,500		BC Rail	Tunnel 10,500 Feet long
Canada BC	White Pass	White Pass			2,865			White Pass & Yukon Railway Co.,	Track: Grade- Historic
Canada MB	Beulah	Uno Trestle	1907			1,573		Grand Trunk Pacific Railway	Bridge
Canada MB	Wawanesa	Wawanesa Trestle	1910?					Canadian Northern Railway	Bridge
Canada NB	Bathurst	Nepisiguit River Bridge #2						Canadian National Railway	Bridge
Canada NB	Fredericton		1889	1993		2,034		Intercolonial Railway	Bridge
Canada NB	Saint John	Saint John Railway Bridge	1890						Bridge

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Canada NS	Blue Bell	Little Salmon River Viaduct,						Canadian National Railway	Bridge
Canada ON	Brockville	Brockville Tunnel	1860	1975?		1,730		Brockville & Ottawa Railway	Tunnel
Canada ON	Caledon	Caledon Hill Grade					2.0%	Toronto, Grey & Bruce Railway	Track: Grade - 2.0%
Canada ON	Kawartha Lakes	Doube's Trestle Bridge	1883			1,500		Midland Railway of Canada	Bridge
Canada ON	Montrose	West Montrose High Bridge	1907					Guelph & Goderich Railway	Bridge
Canada ON	Orangeville	Orangeville Grade					2.0%	Toronto, Grey & Bruce Railway	Track: Grade - 2.0%
Canada ON	Owen Sound	Owen Sound Grade						Toronto, Grey & Bruce Railway	Track: Grade
Canada ON	Parry Sound	Parry Sound Trestle	1886					Canadian Pacific Railway	Bridge
Canada ON	Pass Lake	Blende River Viaduct (Pass	1913			2,258			Bridge
Canada ON	Sarnia	St. Clair Tunnel Company						Canadian National Railway	Tunnel
Canada ON	Sault Ste. Marie	Montreal River Bridge	1914					Algoma Central Railway	Bridge
Canada ON	Smiths Falls		1912					Canadian Northern Railway	Bridge- Historic Site
Canada ON	Thunder Bay (Port	James Street Swing Bridge	1906					Canadian National Railway	Bridge
Canada ON	Toronto	Yonge-University-Spadina	1954			99,264		Toronto Transit Commission	Tunnel 99,264 Feet long
Canada ON	Windsor	Michigan Central Railway Tunnel	1910					Canada Southern Railway	Tunnel
Canada ON	Windsor (Slocum	Canada Southern Bridge						Canada Southern Railway	Bridge
Canada QC	Matapedia							Intercolonial Railway	Bridge
Canada QC	Montreal	Mt. Royal Tunnel (Mount Royal				16,370		Canadian Northern Railway	Tunnel 16,370 Feet long
Canada QC	Montreal	Saint-Laurent Railway Bridge	1887					Canadian Pacific Railway	Bridge
Canada QC	Montreal	Victoria Bridge (Victoria	1859			10,032		Grand Trunk Railway Company of	Bridge 10,032 Feet long
Canada QC	Quebec City	Quebec Bridge	1917			3,239		Grand Trunk Railway Company of	Bridge- Historic Site
Canada QC	Quebec City	Wolfe's Cove Tunnel	1931					Canadian Pacific Railway	Tunnel
Canada QC	Trois Pistoles	Trois Pistoles River Bridge	1872					Intercolonial Railway	Bridge
Canada SK	Outlook		1912	1987		3,004		Canadian Pacific Railway	Bridge 3,004 Feet long
Canada SK	Rocanville	Scissors Creek Trestle	1904					Canadian Pacific Railway	Bridge
Canada YT	White Pass	White Pass	1899		2,885		3.9%	White Pass & Yukon Railway Co.,	Track: Grade - 3.9%
China	Changshou	Changshou Yangtze River	2005					Chongqing-Huaihua Railway	Bridge
China	Daguanzhen	Yachi Railway Bridge	2018			4,811			Bridge 4,811 Feet long
China	Danyang	Danyang-Kunshan Grand	2011			540,672		Beijing-Shanghai High-Speed	Bridge 540,672 Feet
China	Dongguan	Songshan Lake Tunnel	2016			127,248		Dongguan-Huizhou Intercity	Tunnel 127,248 Feet
China	Guanjiao	New Guanjiao Tunnel	2014		11,086	106,709		Qingzang Railway (Qinghai-	Tunnel 106,709 Feet
China	Guizhou	Najiehe Railway Bridge				1,155			Bridge
China	Langfang	Tianjin Grand Bridge	2011			372,768		Beijing-Shanghai High-Speed	Bridge 372,768 Feet
China	Liupanshui	Beipan River Shuibai Railway	2001			1,594		Liupanshui-Baiguo Railway	Bridge
China	Liupanshui	Beipanjing Railway Bridge							Bridge
China	Longnan	West Qinling Tunnel	2016			92,614		Chongqing-Lanzhou Railway	Tunnel 92,614 Feet long
China	Qinghai	Fenghuoshan tunnel			16,093	4,390		Qingzang Railway (Qinghai-	Tunnel 4,390 Feet long
China	Taihang	Taihang Tunnel	2007			91,341		Shijiazhuang-Taiyuan High-Speed	Tunnel 91,341 Feet long
China	Tanggula	Xining-Golmud-Lhasa Line	2006		16,627			Qingzang Railway (Qinghai-	Track: Grade
China	Wantang	Faux Namti Bridge (Nami-Ti	1909			180		Kunming-Hai Phong Railway	Bridge
China	Zadoi County,	Fenghuoshan railway tunnel			16,093	4,390		Qingzang Railway (Qinghai-	Tunnel 4,390 Feet long
Denma	Copenhagen	Øresund Bridge	2000			26,000			Bridge 26,000 Feet long
Denma	Zealand	Great Belt Fixed Link Bridge,	1997			26,000		Danske Statsbaner (Danish State	Tunnel 26,000 Feet long
Ecuado	Guayaquil,	Devil's Nose			11,841		5.5%	Guayaquil & Quito Railway	Track: Grade - 5.5%
Englan	Badminton	Chipping Sodbury Tunnel	1900			13,200			Tunnel 13,200 Feet long
Englan	Bath	Box Tunnel	1841			9,500		Great Western Railway (England)	Tunnel 9,500 Feet long
Englan	Bath	Combe Down Tunnel	1874			5,487			Tunnel 5,487 Feet long
Englan	Blue Bell Hill	North Downs Tunnel	2001			10,560			Tunnel 10,560 Feet long
Englan	Burdale	Burdale Tunnel	1853	1958		5,322			Tunnel 5,322 Feet long
Englan	Chesterfield	Bradway Tunnel				6,079			Tunnel 6,079 Feet long
Englan	Clay Cross	Clay Cross Tunnel	1839			5,351			Tunnel 5,351 Feet long
Englan	Clayton (West	Clayton Tunnel				6,777			Tunnel 6,777 Feet long
Englan	Croydon	Merstham tunnels	1841			5,492			Tunnel 5,492 Feet long
Englan	Croydon	Quarry Tunnel	1899			6,339			Tunnel 6,339 Feet long
Englan	Dingle	Liverpool Overhead Railway				2,640			Tunnel 2,640 Feet long
Englan	Folkestone, Kent	Channel Tunnel (England-	1994			165,792		Eurotunnel	Tunnel- Historic Site
Englan	Halesowen	Lapal Tunnel				11,450			Tunnel 11,450 Feet long

Bridges, Tunnels and Mountain Passes by Location

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Location-Country, State, Place Name-City		In Service	End Service	Elev (Feet)	Length (Feet)	Grade %	RR Name	Facility Type
Englan	Horsforth	Bramhope Tunnel	1849		11,088			Tunnel 11,088 Feet long
Englan	Kilsby	Kilsby Tunnel	1838		7,293			Tunnel 7,293 Feet long
Englan	Kinder Scout	Cowburn Tunnel	1891		11,106			Tunnel 11,106 Feet long
Englan	Littleborough	Littleborough Tunnel	1841		8,450			Tunnel 8,450 Feet long
Englan	Liverpool	Mersey Railway Tunnel	1886		16,400	4.0%		Tunnel - 4.0% Grade
Englan	Liverpool	Wapping Tunnel	1830	1972	6,660			Tunnel 6,660 Feet long
Englan	Liverpool	Waterloo Tunnel	1849	1972	2,828			Tunnel 2,828 Feet long
Englan	Liverpool (Edge	Victoria Tunnel	1849		8,120			Tunnel 8,120 Feet long
Englan	London	Thames Tunnel	1843		1,300			Tunnel
Englan	Mapperley	Mapperley Tunnel	1875		3,396			Tunnel 3,396 Feet long
Englan	Marsden	Standedge Tunnels	1848		16,499			Tunnel 16,499 Feet long
Englan	Morley Station	Morley Tunnel	1848		12,959			Tunnel 12,959 Feet long
Englan	New Mills South	Disley Tunnel	1902		11,598			Tunnel 11,598 Feet long
Englan	Newcastle	Victorial Tunnel (Wagonway)	1842	1860	12,670			Tunnel 12,670 Feet long
Englan	Newcastle-On-	King Edward Bridge	1906		1,150		North Eastern Railway (UK)	Bridge
Englan	Nottingham	Mansfield Road Tunnel			3,567			Tunnel 3,567 Feet long
Englan	Peak Forest	Dove Holes Tunnel	1865		8,953	1.1%		Tunnel - 1.1% Grade
Englan	Plymouth		1859		2,187			Bridge
Englan	Ribblehead	Blea Moor Tunnel			7,887			Tunnel 7,887 Feet long
Englan	Rowsley	Haddon Tunnel	1863	1967	3,173			Tunnel 3,173 Feet long
Englan	South	Severn Tunnel			22,992		Great Western Railway (England)	Tunnel 22,992 Feet long
Englan	Strood (Kent)	Strood Tunnel			12,037			Tunnel 12,037 Feet long
Englan	Stroud	Sapperton Canal Tunnel	1845		11,424			Tunnel 11,424 Feet long
Englan	Stroud	Sapperton Tunnel	1845		5,591			Tunnel 5,591 Feet long
Englan	Tebay	Shap Incline					London, Midland & Scottish Railway	Track: Grade
Englan	Thackley	Thackley Tunnel	1845		3,937			Tunnel 3,937 Feet long
Englan	Totley (Sheffield)	Totley Tunnel	1893		18,500			Tunnel 18,500 Feet long
Englan	Woodhead	Woodhead Tunnel	1954	1981	15,840			Tunnel 15,840 Feet long
Englan	Woodhead	Woodhead Tunnels 1&2	1845	1953	15,840			Tunnel 15,840 Feet long
France	Bellegarde	Montangas Bridge (Moulin des	1910		328			Bridge
France	Modane	Fréjus Rail Tunnel	1871		44,880			Tunnel 44,880 Feet long
France	Modane	Mount Cenis Tunnel (Mount	1871		44,850			Tunnel 44,850 Feet long
France	Perpignan	Perthus Tunnel	2012		18,480			Tunnel 18,480 Feet long
France	Puy-de-Dôme	Fades viaduct	1909					Bridge
France	Ruynes-en-	Garabit Viaduct	1885		1,854			Bridge
France	Somport	Somport Railway Tunnel	1915		3,973	25,837	Pau-Canfranc Railway	Tunnel 25,837 Feet long
India	Bakkai	Chenab Bridge (Kashmir	2015		4,314		Indian Railways (Indian	Bridge 4,314 Feet long
India	Rameswaram	Rameswaram Pamban Bridge	1914		6,776		Illinois Railway	Bridge 6,776 Feet long
Ireland	Waterford	Barrow Bridge	1906		2,131		Great Southern & Western	Bridge
Italy	Masera	Domodossola-Locarno Railway				6.0%	Centovalli Railway - Locarno-	Track: Grade - 6.0%
Italy	San Benedetto-	Apennine Base Tunnel, (Great	1934		60,717		Ferrovie dello Stato (1945-1985	Tunnel 60,717 Feet long
Japan	Aomori	Seikan Railway Tunnel	1988		176,880		Hokkaido Railway Company (JR	Tunnel- Historic Site
Japan	Gunma	Daishimizu (Dai-	1982		72,835			Tunnel 72,835 Feet long
Japan	Gunma	Shimizu Tunnel	1931		31,831			Tunnel 31,831 Feet long
Japan	Hakkōda	Hakkōda Tunnel			86,592			Tunnel 86,592 Feet long
Japan	Karuizawa	Usui Pass	1893	1997	35,904	6.7%	East Japan Railway Company	Track: Grade - 6.7%
Mexico	Acocotia				8,320			Track: Grade
Mexico	Creel	Copper Canyon			8,000	2.5%	Ferrocarril del Chihuahua Al	Track: Grade - 2.5%
Mexico	Culiacán, Sinaloa	Culiacan River Bridg					Ferrocarril Sud-Pacifico de Mexico	Bridge
Mexico	Encarnacion,		1880				Ferrocarril Mexicano (Compania del	Bridge
Mexico	Papaloapam	Papaloapam River Bridge	1904		7,340	1,100	Ferrocarril de Veracruz al Istmo	Bridge
Mexico	Paso del Macho				8,045	4.7%	Ferrocarril Mexicano (Compania	Track: Grade - 4.7%
Mexico	Salazar	Salazar Summit			10,018		Ferrocarriles Nacionales de	Track: Grade
Myanm	Nawngkhio	Goteik viaduct (The Goteik	1900		2,260			Bridge
New	Arthur's Pass		2008		3,000		KiwiRail	Track: Grade
New	Otira	Otira Tunnel (Orita Tunnel)	1923		27,984	3.0%	New Zealand Government	Tunnel - 3.0% Grade
Norway	Myrdal	Gravehals Tunnel			17,420		Norwegian State Railways	Tunnel 17,420 Feet long

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Norway	Myrdal	Reinunga Tunnel			5,217		Norwegian State Railways	Tunnel 5,217 Feet long
Pakista	Sukkur	Lansdowne Bridge over Indus	1889		790		North Western Railway	Bridge
Pakista	Ziarat, Balochistan	Chapar Rift Bridge					North Western Railway	Bridge
Peru	San Bartolome	Verrugas Viaduct	1873		574		Callao, Lima & Oroya Railway	Bridge
Peru	Ticlio		1872		15,806		Ferrocarril Central Andino	Track: Grade
Peru	Ticlio	Galera Tunnel			15,860	3,855	Ferrocarril Central Andino	Tunnel 3,855 Feet long
Peru	Toquepala	El Sargento #4 (Tunnel #4)	1975		48,048		Southern Peru Copper Company	Tunnel 48,048 Feet long
Peru	Verrugas	Verrugas Viaduct	1873		5,850	575		Bridge - 4.0% Grade
Portuga	Porto	Maria Pia Bridge (in Portuguese	1877			1,158	Royal Portuguese Railway Company	Bridge
Puerto	Barrio Coto,	Guajataca Tunnel						Tunnel
Russia	Severomuysk,	Severomuysky Tunnel	2003		50,338			Tunnel 50,338 Feet long
Scotlan	Dundee	Tay Bridge	1878		10,709		North British Railway	Bridge 10,709 Feet long
Scotlan	Edinburgh	Forth Bridge	1890		8,296		North British Railway	Bridge 8,296 Feet long
South	Port Elizabeth	Van Stadens Bridge	1905		650			Bridge
South	Gyeonggi	Yulhyeon Tunnel	2016		171,600		Suseo-Pyeongtaek High Speed	Tunnel 171,600 Feet
Spain	Antequera Santa	Abdalajís Tunnel			29,429			Tunnel 29,429 Feet long
Spain	Segovia	Guadarrama Tunnel	2007		93,235			Tunnel- Historic Site
Spain	Valladolid	Pajares Base Tunnel			80,928			Tunnel 80,928 Feet long
Switzer	Bergun (Preda)	Albula Tunnel	1904		5,970	19,242	Albula Railway (Glacier Express)	Tunnel 19,242 Feet long
Switzer	Brig	Simplon Tunnel	1898		65,039		Swiss Federal Railways (SBB CFF	Tunnel- Historic Site
Switzer	Fruitgen	Lötschberg Base Tunnel	2007		2,722	113,520	Lötschberg Railway	Tunnel- Historic Site
Switzer	Gletsch	Muttbach and the Furka tunnel				11.0%	Dampfbahn Furka-Bergstrecke	Track: Grade - 11.0%
Switzer	Graubünden/Uri	Oberalp Pass			6,706		Furka-Oberalp Bahn (FO) (Brig-	Track: Grade
Switzer	Langwies		1914			932	Chur-Arosa Bahn Railway	Bridge
Switzer	Lugano	Ceneri Base Tunnel	2006	2020		50,160		Tunnel 50,160 Feet long
Switzer	Meiringen	Brunig Pass			3,307	12.0%	Zentralbahn (Brunig Railway)	Track: Grade - 12.0%
Switzerl	Meiringen (Bern	Brunig Pass			3,307		Zentralbahn (Brunig Railway)	Track: Grade
Switzer	Oberwald, Valais	Furka Base Tunnel	1982		7,090	50,548	Furka-Oberalp Bahn (FO) (Brig-	Tunnel 50,548 Feet long
Switzer	Poschiavo	Bernina Pass			7,392		Bernina Railway (Berninabahn)	Track: Grade
Switzer	Spiez	Lötschberg Tunnel	1913		4,067	48,048	Lötschberg Railway	Tunnel- Historic Site
Switzer	Valais	Furka Summit Tunnel	1926		7,090	6,096	Furka-Oberalp Bahn (FO) (Brig-	Tunnel 6,096 Feet long
Switzer	Verdasio	Domodossola-Locarno Railway				6.0%		Track: Grade - 6.0%
Switzer UNI	Erstfeld	Gotthard Base Tunnel	2016		1,801	186,912	Swiss Federal Railways (SBB CFF	Tunnel- Historic Site
Switzer UNI	Göschenen	Gotthard Tunnel (Gotthard	1882		3,773	47,520	2.8% Swiss Federal Railways (SBB CFF	Tunnel- Historic Site
Ukrain	Dnipropetrovsk	Bridge over the Dnieper River				2,000		Bridge
Zimbab	Victoria Falls	Victoria Falls Bridge	1905			650		Bridge