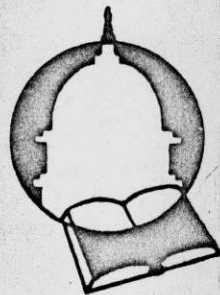


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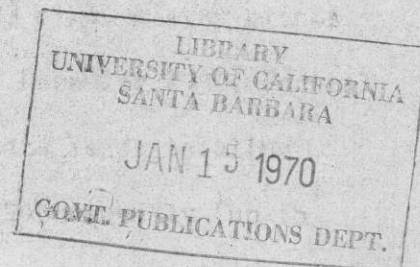
[LAND GRANTS TO CANALS AND RAILROADS, 1962.]



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LAND GRANTS TO CANALS AND RAILROADS

Subject to the limitations of time and ready availability of material, an attempt has been made in the accompanying pages to compile and coordinate data concerning the land grants for canals and railroads made by the Federal government and, in the case of the railroads, also by State governments.

Considerable difficulty was encountered in ascertaining the amounts of grants to particular railroads. The original grantees lost their identity in transfer, sale, merger or abandonment and became parts of other railroads. Names of the original individual companies, predecessors to the systems as they existed in 1945, were sometimes hard to identify as some sources referred to a certain railroad by one name and others by a different name. So far as possible under the circumstances surrounding this study, the amounts granted to the companies who originally received the land and constructed the lines are given.

Less difficulty was experienced in collecting the data on the canals. Federal grants of land for aid in construction of canals have been given.

The data for Federal and State land grants to railroads do not include grants for rights-of-way, land for terminal and other facilities, vacating streets and easements or rights-of-way of streets given railroads. An Act of 1875 authorized grants of land to railroads for rights-of-way of 200 feet in width through public lands with the right to use earth, stone, timber and other material from adjacent public lands, not to exceed 20 acres for each station and each 10 miles of railroad. By 1883 right-of-way grants had been received by 150 railroad companies. As of December 1930, Federal lands amounting to 627,668 acres, and up to 1927 State lands totaling 47,003 acres, had been granted for rights-of-way. Subsequently (up to

December 31, 1941) an estimated 15,548 acres were granted by the Federal government and 331 acres by States, making an estimated total Federal grant of 643,216 acres and 47,334 acres in State grants. Local governments and individuals, associations and other groups also made land grants in aid or railroad building. Local governments granted an estimated 2,429 acres and individuals, etc. 315,774 acres. (Board of Investigation and Research, 1944.) Other land grants which were conveyed to the railroads for nominal fees and classed as "apparent aids" totaled 521,753 acres. (May have been reduced as much as 50% by payments made by the railroads for some of the land.)

An additional aid to the railroads in connection with the land grants accrued from exemption of the property from taxes for varying periods (6 or 7 to 46 years, some in perpetuity) after completion of the railroad. Some of the exemptions have since been withdrawn by the States which originally granted them. Surveys of the land at Federal expense were also aids to the railroad construction companies, as well as to many other pioneer concerns which benefitted from these land surveys.

No effort is made here to delineate public aids to the railroads which were not connected with land grants and land gifts, such as bonds, loans, grants of money, banking privileges, etc.

The total amounts of land granted and patented will not agree under the different classifications due to difficulties encountered in identifying successor roads and systems and reconciling the amounts reported as accruing to these roads from predecessor roads. Adjustments made after lands were patented changed totals from one period to another in some instances and not in others. Where it is possible to identify the grants and grantees,

data in the latest reports available have been used. In other instances earlier data had to be utilized.

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FEDERAL LAND GRANTS FOR CANALS

<u>Date of Grant</u>	<u>Name of Canal</u>	<u>Grantee State</u>	<u>Number of Acres Granted</u>	<u>State Total</u>
March 2, 1827	Illinois and Lake Michigan	Illinois	324,282.74	324,283
March 2, 1827) March 3, 1845)	Wabash and Erie	Indiana	1,480,408.87	1,480,409
May 24, 1828	Wabash and Erie	Ohio	265,814.45	
May 24, 1828	Miami and Dayton	Ohio	438,301.32	
May 24, 1828	Canals Generally	Ohio	500,000.00	1,204,114
June 18, 1838	Milwaukee and Rock River	Wisconsin	138,995.99	
April 10, 1866	Green Bay and Lake Michigan	Wisconsin	200,000.00	338,627
Aug. 26, 1852	St. Mary's Ship Canal	Michigan	750,000.00	
March 18, 1865) July 3, 1866)	Portage Lake and Lake Superior	Michigan	400,000.00	
July 3, 1866	Lake Superior and Lac La Belle	Michigan	100,000.00	1,251,236
			<u>4,597,804.37</u>	<u>4,598,669</u>

SOURCE: Orfield, Matthias N. Federal Land Grants to States, University of Minnesota, March 1915 (Studies in Social Science, No. 2). Report of Director of U. S. Bureau of Land Management, Statistical Appendix, 1954.

NOTES: A grant of 290,915 in 1833 to Illinois for the Illinois River to Lake Michigan canal was not used and the State was later given permission to use it for railroads.

The U. S. Department of the Interior, General Land Office, Information Bulletin No. 5 (1940) differs from the above, acreage reported as "certified", as follows:

For the Wabash and Erie - Indiana - 1,480,418.77 acres certified.

For General Canals in Ohio - 499,997.12 acres certified.

The Wisconsin Green Bay and Lake Michigan is shown as Sturgeon Bay and Lake Michigan, 199,630.98 acres certified.

St. Mary's Ship Canal - Michigan - 750,153.03 acres certified, and 400,081.15 acres for Portage Lake and Lake Superior. Lac La Belle canal in Michigan is shown as 100,011.67 acres certified.

Differences occur in another study, Government Promotion of American Canals and Railroads, 1800-1890, by Carter Goodrich, Columbia University Press, New York, 1960. The principal difference is in the Wisconsin grants, showing 125,431 acres for the Milwaukee and Rock River and 200,000 acres for the Breakwater and Harbor Ship Canal, the latter not included by name in the other reports though it may be the same as the Green Bay and Lake Michigan or the Sturgeon Bay and Lake Michigan, both mentioned and apparently the same canal.

FEDERAL LAND GRANTS AND LAND CERTIFIED OR PATENTED TO RAILROADS

(Including Predecessor Roads) 1/

<u>Railroads</u>	<u>Land Grant (acres)</u>	<u>Certified or Patented (acres)</u>
Atlantic Coast Line	2,720,974.77	1,923,436.52
Atchison, Topeka & Santa Fe	17,077,294.78	15,077,787.27 <u>2/</u>
Canadian Pacific	1,957,704.56	1,277,680.43
Canadian National	37,467.44	37,467.44
Chesapeake & Ohio	590,811.79	513,169.49 <u>3/</u>
Chicago and North Western	10,781,140.14	8,347,753.71
Chicago, Burlington & Quincy	4,186,596.77	3,377,964.26
Chicago, Milwaukee, St. Paul & Pacific	5,890,349.89	2,462,547.86 <u>4/</u>
Chicago, Rock Island & Pacific <u>5/</u>	2,066,926.96	833,127.66
Great Northern	3,851,691.25	3,274,224.17
Illinois Central	5,596,966.16	4,165,111.68 <u>6/</u>
Missouri-Kansas-Texas	976,593.22	976,593.22 <u>7/</u>
Missouri Pacific	7,809,521.52 <u>8/</u>	3,826,032.23
New York Central	970,924.37	744,255.90
Northern Pacific	44,020,707.10	39,938,914.23
Pennsylvania	947,699.92	852,521.10
Saint Louis-San Francisco	1,789,874.51	1,548,031.81
Seaboard Air Line	1,946,244.15	1,365,474.13
Southern Pacific	27,620,765.81	22,285,022.45 <u>9/</u>
Southern Railway	2,494,892.83	2,318,689.80
Union Pacific <u>10/</u>	20,508,626.82	19,396,728.71
Total	163,843,774.76	134,542,534.07

1/ Systems are as given in Public Aids to Transportation, the Federal Coordinator of Railroads, in 1938 and Board of Investigation and Research in 1944-45. Predecessor roads as shown in various sources, including LOR records. Acres certified or patented are shown as adjusted amounts by LOR. Railroad records show (1945) 4,018,231 acres patented for Atlantic Coast Line.

2/ Including Osage lands - 186,936.72 acres.

3/ Excludes 131,481.71 acres certified to Flint & Pere Marquette Railroad which was later returned.

4/ Grants for La Crosse & Milwaukee and Madison & Portage were conveyed to Wisconsin Farm Mortgage Land Company. Direct grant to the company is listed in LOR as 243,289 acres. Later LOR reported 163,159.65 acres to the railroads from this mortgage company grant. LOR resume (1962) totals 2,311,126.76 acres for C. M. St P & Pac. as adjusted.

5/ Includes 35,685.49 in the Des Moines River improvement grant.

6/ Adjusted total shown by LOR (1962). R. Records show 4,842,733 acres patented as of 12/31/27 and Federal Coordinator lists 4,848,169 acres patented or certified as of 6/30/1933. Board of Investigation reported 4,630,453 acres as of 1944 (net to the railroad).

7/ Includes 270,970.78 acres in the Osage lands.

8/ Total, including the original grant to the Texas and Pacific - 16,969,744 acres. Grant to the Texas and Pacific originally 13,000,000 acres, which was later forfeited. Land grants of New Orleans, Baton Rouge and Vicksburg, and New Orleans Pacific became part of the Texas and Pacific.

Part of the Pacific Railroad grant later went to the Missouri Pacific system and part to the St. Louis-San Francisco railroad.

Total lands certified or patented are shown as nearly as possible to reflect adjustments shown in available Land Office reports.

9/ Patented lands not lawfully disposed of were returned to the U. S. by the State of Louisiana in 1888. Railroad records show 719,193 acres received by the New Orleans, Opelousas & Great Western R. R. Co.

10/ Denver Pacific and Kansas Pacific (which became part of the Union Pacific) combined land grants direct to corporations reported by Sanborn (1899) as 14,287,517 acres. Total for these two roads which is included as U. P. is 7,869,242.87 acres, based on later reports. Total patented or certified as shown in LOR pamphlet (1962).

FEDERAL LAND GRANTS TO STATES FOR RAILROADS 1/

<u>State and Grantee Railroad</u>	<u>Acreage In Grant 2/</u>	<u>Patented or Certified 3/</u>
<u>ALABAMA</u>		
Mobile and Ohio River R.R. Co.	419,528.44	419,528.44 4/
Alabama & Florida RR Co.	439,972.58	399,022.84
Coosa & Tennessee RR Co. (Tenn. & Coosa)	88,935.81	84,515.01
Selma, Rome & Dalton (Ala. & Tenn. River)	507,313.07	458,671.27
Mobile & Girard RR Co. (later part of Central of Ga.)	505,000.00 5/	302,181.16 6/
Alabama & Chattanooga RR Co. (Coosa & Chattanooga)	662,349.00	463,253.35
Wills Valley RR Co. (NE and SW Ala.)	168,572.03	240,106.45
South and North Alabama (Tenn. & Ala. Cent.)	<u>595,874.38</u>	<u>522,218.75</u>
	3,387,545.31	2,889,527.27
<u>ARKANSAS</u>		
St. Louis, Iron Mountain & Southern RR Co. (Cairo & Fulton)	1,946,112.00	1,356,298.00
Little Rock & Fort Smith Ry. Co.	1,057,024.00	1,052,082.51
Memphis & Little Rock RR Co.	<u>838,400.00</u>	<u>188,380.49</u>
	3,841,536.00	2,596,750.90
<u>FLORIDA</u>		
Florida & Alabama RR Co.	165,688.00	166,691.08
Florida, Atlantic & Gulf Central RR Co. 7/	37,583.29	29,384.18
Pensacola and Georgia RR Co. 7/	1,275,212.00	1,279,236.70
Pensacola and Atlantic RR Co. 8/ (Florida Central & Peninsular; Florida RR.; Atlantic, Gulf & W. India Transit)	1,430,504.00	750,958.84
	<u>2,909,987.29</u>	<u>2,226,540.80</u>
<u>ILLINOIS</u>		
Illinois Central (inc. Mobile & Chicago)	2,709,100.00	2,595,133.00
<u>IOWA</u>		
Burlington & Missouri River RR Co. (later Chicago, Burlington & Quincy)	681,306.80	389,990.11
Chicago, Rock Island & Pacific Ry. Co. (inc. earlier Mississippi & Missouri RR Co.)	645,307.00	644,747.17
(total grant to Ry. 1,228,526.96)		

<u>State and Grantee Railroad</u>	<u>Acreage In Grant 2/</u>	<u>Patented or Certified 3/</u>
<u>IOWA (cont.)</u>		
Cedar Rapids and Missouri River RR Co. (inc. Iowa Central Air Lines RR Co.)	1,156,988.00	1,057,164.13
Dubuque & Sioux City RR Co.	552,000.00	556,406.74
Iowa Falls & Sioux City (Dubuque & Pacific)	683,500.00	683,057.34
Grand Rapids & Indiana RR Co.	222,967.01	222,967.01
*Des Moines Valley Railroad	569,001.61	569,001.61
Chicago, Milwaukee & St. Paul RR Co. 9/ (successor to McGregor & Missouri River Ry. Co.)	372,000.00	396,392.70
Sioux City and St. Paul	400,000.00	407,910.21
	5,283,070.42	4,927,637.02
<u>KANSAS</u>		
Atchison, Topeka & Santa Fe RR Co.	2,995,200.00	2,944,788.14
Leavenworth, Lawrence & Galveston RR Co.	658,857.76	73,893.93 10/
Missouri, Kansas & Texas RR Co. (Union Pacific RR Co. Southern Branch)	976,593.22	705,622.44 10/
Missouri River, Fort Scott & Gulf	21,341.77	21,341.77
St. Joseph & Denver City (later St. Joseph & Grand Island)	470,956.00 11/	486,808.87
	5,122,948.75	4,232,455.15
<u>LOUISIANA</u>		
Vicksburg, Shreveport & Texas RR. Co. (including 353,212 acres - North Louisiana and Texas RR) (Later Vicksburg, Shreveport and Pacific RR Co.)	702,137.68	462,645.82
New Orleans, Opelousas & Great Western	719,193.79	719,193.79 12/
New Orleans, Baton Rouge & Vicksburg RR Co. (New Orleans & Pacific)	903,218.00	13/
	2,324,549.47	1,181,839.61
<u>MICHIGAN</u>		
Port Huron & Lake Michigan RR Co.	37,467.44	37,467.44
Jackson, Lansing & Saginaw - Amboy	750,000.00	744,255.90
Lansing & Traverse Bay RR Co. - (Northern Central Michigan RR Co.)		

* Act of July 12, 1862 (12 Stat. 543) permitted the State to apply part of the river improvement grant of 1846 (9 Stat. 77) to railroad construction. State records show 546,537.44 patented as of 1889.

<u>State and Grantee Railroad</u>	<u>Acreage In Grant 2/</u>	<u>Patented or Certified 3/</u>
<u>MICHIGAN (cont.)</u>		
Flint & Pere Marquette RR Co.	590,811.79	513,169.49 <u>14/</u>
Ontonagon & Brule River RR Co. (Ontonagon & State Line)	36,000.00	34,227.08
Marquette Houghton & Ontonagon RR Co. (Marquette & Ontonagon)	516,515.00 <u>15/</u>	310,023.67
Bay De Noquet & Marquette RR Co.	128,000.00	128,301.05
Grand Rapids and Indiana RR Co. <u>16/</u>	855,000.00	852,521.10
Chicago & Northwestern Ry. Co. (Successor to Peninsular Railroad & Chicago, St. Paul & Fon du Lac RR Co.)	847,903.69	845,817.84
	<hr/>	<hr/>
	3,761,696.92	3,465,783.57
<u>MINNESOTA</u>		
St. Paul & Pacific RR - First Division (later St. Paul, Minneapolis & Manitoba)	1,248,450.00 <u>17/</u>	1,253,468.88 <u>18/</u>
St. Vincent extension of St. Paul & Pacific (later St. Paul, Minneapolis & Omaha)	1,500,000.00 <u>17/</u>	1,752,172.18 <u>18/</u>
Western Railroad (former Brainerd Branch, St. Paul & Pacific - succeeded by St. Paul & Northern Pacific RR Co.)	815,000.00 <u>17/</u>	675,768.15 <u>18/</u>
Minnesota Central Railroad Co.	599,065.72	179,734.29
Winona & St. Peter Railroad Co.	1,680,143.09	1,681,026.40 <u>19/</u>
St. Paul & Sioux City Railroad Co.	1,205,000.00	1,126,618.55
Lake Superior & Mississippi RR Co. (St. Paul & Duluth RR Co. - Taylor's Falls & Lake Superior)	870,376.71	861,132.96
Southern Minnesota Railroad Co.	91,241.32	546,745.44
Southern Minnesota Railway Extension Co. (later Chicago, Minneapolis & St. Paul)	1,602,931.41	
Hastings & Dakota Railroad Co.	1,229,064.41	377,986.86
	<hr/>	<hr/>
	10,841,272.66	8,454,653.71
<u>MISSISSIPPI</u>		
Mobile & Ohio River RR Co.	737,130.29	737,130.29 <u>4/</u>
Vicksburg & Meridian RR Co.	409,499.81	199,101.51
Gulf & Ship Island RR Co.	200,000.00	139,113.22
	<hr/>	<hr/>
	1,346,630.00	1,075,345.02

<u>State and Grantee Railroad</u>	<u>Acreage In Grant 2/</u>	<u>Patented or Certified 3/</u>
<u>MISSOURI</u>		
Southwest Branch, Pacific Railroad Hannibal & St. Joseph RR Co.	1,161,205.00	1,161,284.51
St. Louis, Iron Mountain & Southern RR Co. of Missouri (inc. Cairo & Fulton RR Co. of Missouri)	778,550.04 574,400.00	611,323.35 65,360.31
	<hr/> 2,514,155.04	<hr/> 1,837,968.17
<u>WISCONSIN</u>		
Wisconsin Railroad Farm Mortgage Land Co. (Inc. La Crosse & Milwaukee)	240,649.03 20/	243,288.77 21/
Madison & Portage RR Co.	120,765.88 20/	915.38
Chicago, St. Paul, Minneapolis & Omaha RR Co. (successor to West Wisconsin Ry. Co.)	922,834.10	814,831.04
Chicago, St. Paul, Minneapolis & Omaha RR Co. (successor to St. Croix & Lake Superior RR Co. [843,000 acres])	1,228,208.90	1,228,208.90 22/
Chicago, St. Paul & Minneapolis - Branch to Bayfield	565,000.00	471,721.14
Chicago & Northwestern RR Co. (successor to Chicago, St. Paul & Fon du Lac RR Co.)	561,937.93	555,140.15
Wisconsin Central RR Co. (inc. Portage, Winnebago & Superior RR)	1,277,188.56	839,355.71
	<hr/> 4,916,584.40	<hr/> 4,153,461.09

Sources: Donaldson, Thomas C., The Public Domain. Washington. Govt. Print. Off., 1884. U. S. Dept. of the Interior, General Land Office, Information Bulletin 1939 Series, No. 5. U. S. Govt. Print. Off., 1940. U. S. Office of Federal Coordinator of Transportation, Public Aids to Transportation. U. S. Govt. Print. Off. 1940. Various Dept. of Interior Land Office Reports. Board of Investigation and Research, Public Aids to Domestic Transportation, House Document No. 159, September 1944. Sanborn, John Bell, Congressional Grants of Land in Aid of Railways, Bulletin of the University of Wisconsin, Vol. 2, No. 3, Economics, Political Science and History Series, 1899.

Notes: 1/ Where possible the amount of land granted to the original companies has been given; however, with the available material and the limitations of time, this has not always been possible. Various reports by the General Land Office or the Office of Land

Management of the Department of Interior do not agree on the acreages and several of the other sources vary, sometimes because of later compilation, and in some cases different companies and changed routes. The latest grant totals are used where they are identifiable, and where the amount in specific states is available.

2/ The acreage given is that of the original companies so far as it was possible to ascertain the amounts. In some cases the acreage is recorded in sources as one name "successor to" or "formerly" and the total amount is the grant transferred from the original companies and that given to the successor companies in addition.

3/ These acreages are, for the most part, taken from a report of the General Land Office, Department of the Interior, and Reports of the Commissioner of the General Land Office. The latest available data are used in each case, and where possible the companies and successor companies are shown.

4/ In the adjustment of this grant the road was treated as a unit without reference to State lines. More land has been certified to Alabama and less to Mississippi than they would appear to be entitled to in proportion to the length of the railroad in the respective states.

5/ This grant was later adjusted (in 1893) to 302,181.16 for this railroad.

6/ Grant adjusted in 1893 and the balance of previously certified lands returned to entry under the Act of September 29, 1890.

7/ Later the grant is listed as 1,315,496.22 acres for the two roads combined without indicating the amount of each. (These railroads later consolidated to form the Florida Central & Western RR Co.)

8/ The original grants in Florida covered a large number of companies which combined and re-combined so that the land granted in Florida is shown as to the successor companies. The Florida Central and Peninsula R.R. Co. grant apparently included that of the Florida Railroad Co., the Atlantic Gulf & West India Transit, and the Pensacola and Atlantic Railroad Co.

The railroads of Florida were later resolved into two systems, the Seaboard Air Line and the Atlantic Coast Line. The former system included the

Florida, Atlantic & Gulf Central R.R. Co. - Florida Railroad Co.
Pensacola & Georgia R.R. Co. - Atlantic, Gulf & West India
Transit Co.

Florida Central & Peninsular R. R. Co. - Peninsular R.R. Co.

Tropical Florida R.R. Co. - Florida Ry. & Navigation Co.

Fernandina & Jacksonville R.R. Co. - Tavares, Orlando & Atlantic
R.R. Co.

and the other included the

Pensacola & Florida R.R. Co. - Pensacola & Atlantic R.R. Co.

Pensacola & Louisville R.R. Co. - Pensacola R. R. Co.

Mobile & Montgomery R.R. Co. - Mobile & Montgomery Ry. Co.

as of 1940. The systems now include railroads in other states, in addition to the above.

- 9/ Total grant is shown (1939) as 1,284,492.15 for Chicago, Milwaukee and St. Paul, successor to McGregor & Missouri River R.R. Co. Predecessor roads also included McGregor Western, McGregor and Sioux City, for which no record of an individual grant was found.
- 10/ Excludes 270,970.78 acres deducted in consequence of the decision concerning Osage Indian lands for the M. K. & T. and 186,936.72 acres for the Leavenworth, Lawrence & Galveston.
- 11/ Total grant to St. Joseph & Denver City appears as 1,238,087.80 acres in a later report of the Land Office but no information is given as to how much of the total was in Kansas.
- 12/ Reconveyed to the United States by Louisiana as forfeited in 1888.
- 13/ New Orleans Baton Rouge and Vicksburg railroad received 980,587 acres assigned to New Orleans Pacific plus 109,137 acres (not patented). Total grant as reported in 1899 (Sanborn) amounted to 1,089,724 acres. Later records of the General Land Office do not show acreage patented or certified to the New Orleans, Baton Rouge and Vicksburg.
- 14/ 131,481.71 acres originally certified was reconveyed by the State government; grant forfeited in part by the Act of March 2, 1899.
- 15/ The 1856 grant to Marquette, Houghton & Ontonagon was estimated originally at 552,516.00 acres. Amount patented to 1900 - 437,411.30 acres, later adjusted.
- 16/ Part of the Grand Rapids and Indiana grant was in Iowa - 222,967.01 acres. Total grant was shown as 947,699.92 acres with 952,960.12 acres patented to 1882 - 629,993.11 acres, Grand Rapids & Indiana and 322,967.01 acres, Grand Rapids to Fort Wayne.
- 17/ Grants made in 1857, 1865 and 1871, resulting in the construction of the St. Paul Minneapolis & Manitoba (formerly 1st division and Vincent extension of the St. Paul & Pacific) and the St. Paul & Northern Pacific (formerly Western Railroad) were declared a single grant. The Act of 1892 permitted the St. Paul, Minneapolis & Manitoba (now Great Northern, main and branch) to elect indemnity lands in Minnesota, North Dakota, Montana and Washington. Original combined grants (as of 1882) amounted to 3,563,450 acres. As of 1899 the St. Vincent extension had sold 2,052,282 acres and was holding 794,364 acres of land under grants; the St. Paul, Minneapolis & Manitoba (St. Paul & Pacific) had patented 1,253,468 acres and was due 195,366 acres or a total of 1,448,834 acres granted; the Western Railroad had patented 666,865 acres. As of 1900 the St. Paul & Pacific First Division had patented 1,253,468.88 acres, the St. Vincent Extension 1,752,172.18 acres, and the Western 675,768.15 acres - a combined total patented of 3,681,409.21 acres, as reported by the Interior Department, General Land Office.
- 18/ Lands patented under the combined grant (as of 1962) totaled 3,274,224.17 acres, after adjustments, as reported by the Bureau of Land Management, Department of Interior.
- 19/ Reported by the Bureau of Land Management (1962). Total patented, as reported by the General Land Office in 1940, amounted to 1,749,209.16 acres.

20/ Grants to be used to aid construction of the La Crosse & Milwaukee and the Madison & Portage railroads were conveyed to the Wisconsin Railroad Farm Mortgage Land Company for the benefit of farmers who had given negotiable notes secured by mortgages to the La Crosse and Milwaukee for railroad stock. The Madison and Portage was declared not a land-grant railroad. Before adjustment the Madison and Portage had patented 1,115.38 acres of the grant. The Bureau of Land Management reported in 1962 that a total of 163,159.65 acres was granted to the Land Company for railroads.

21/ Bureau of Land Management (1962) reports 163,159.65 acres granted to the Wisconsin Railroad Farm Mortgage Land Company for railroads.

22/ Reported by the Bureau of Land Management (1962), after adjustment, as 816,487.76 acres granted to the Chicago, St. Paul, Minneapolis & Omaha (St. Croix & Lake Superior, Northern Wisconsin, Chicago & Northern Pacific Air Line).

FEDERAL LAND GRANTS MADE DIRECT TO CORPORATIONS (RAILROAD)

<u>Railroads System</u>	<u>Original Railroads 1/</u>	<u>Acres Granted 2/</u>
Union Pacific		
	Union Pacific Railroad Co.	11,464,475.63
	Denver Pacific Ry. and Telegraph Co.	821,484.15
	Kansas Pacific Ry. Co.	6,176,383.76
	St. Joseph & Denver City RR Co. (St. Joseph & Grand Island)	470,956.00
	Total system	18,933,299.59*
Central Pacific		
	Central Pacific R.R. Co.	7,502,736.57
	Western Pacific R.R. Co. (1862)	462,130.18
	California and Oregon	3,237,347.16
	Total system	11,202,213.91
Southern Pacific		
	Southern Pacific Railroad Co.	5,260,000.00
	Branch Line of Southern Pacific Railroad	2,500,000.00
	Oregon and California R.R. Co.	2,500,000.00
	Oregon Central R.R. Co.	1,000,000.00 3/
	Total system	11,260,000.00 4/
Atchison, Topeka and Santa Fe		
	5/Atlantic and Pacific R.R. Co. (Western Division) (Santa Fe Pacific)	13,423,237.02
St. Louis-San Francisco		
	Atlantic and Pacific (Missouri Division)	630,793.91
Missouri Pacific		
	Central Branch Union Pacific (assignee of Hannibal and St. Joseph RR)	265,000.00
	Texas and Pacific R.R. Co. (New Orleans and Pacific)	13,000,000.00 6/
	Total system	13,265,000.00
Northern Pacific		
	Northern Pacific Railroad Company	42,000,000.00
Chicago and Northwestern		
	Sioux City and Pacific R.R. Co.	45,000.00
Chicago Burlington and Quincy		
	Burlington and Missouri River R.R. Company	2,441,600.00 7/

* Bureau of Land Management, Dept. of Interior states total grant to U. P. by Act of Congress amounted to 18,979,659.28 acres. Report of Commissioner shows 19,156,458.50 total patented or certified to U. P. to 6/30/1932. Bulletin of Dept. of Interior (1939) shows total to U. P. of 19,731,058.32 acres to U. P. Sanborn (1899) shows Kansas Pac. & Denver Pac. Rys sold 14,287,517 acres (to 1899) under the land grants.

- Notes: 1/ So far as possible with the available time and material, the grants have been listed in the names of the original grantees. In many cases grants of successors to older companies could not be separated as to the amounts where two or more companies were involved. Where there were grants or revestitures of grants after 1880 a later record has been used than for the majority of the grants, which often is a figure including adjustments of original grants and the status at the time of the report. Some of the systems have at one time been parts of others or some have been combined, such as the Atlantic and Pacific which later became part of two systems.
- 2/ Where possible to identify the acreage with the individual railroads in the system we have given that figure. In other instances it was not possible to identify the railroads and later reports have been used, which incorporate adjustments and changes in the original grants leaving the acreage as of the date of the report.
- 3/ Estimated original grants as shown by Donaldson - 1,000,000 acres Patented to 1899 - 2,287,131 acres (Sanborn).
- 4/ Board of Investigation & Research (1945) shows total Federal grants to the U. P. of 21,648,681 acres which probably includes grants made through the states as well as directly by the Federal government to the railroads which make up the system.
- 5/ The original total grant to Atlantic and Pacific as given by several authorities amounted to 22,672,000 acres. Some of this may be included in other systems which we have not been able to identify because of changes in names and transfers to other companies before the system was evolved as such. Data is difficult to reconcile as sources available here do not use the same basis for stating amounts, some are acres patented, others acreage received, and at different periods the figures have been revised to reflect adjustments and changes in the original grants. Where possible we have tried to trace grants to original companies predecessors to the present companies.
- 6/ Donaldson shows the original land grant in three grants of 1,000,000, 2,000,000 and 10,000,000 acres to the Texas and Pacific.
- 7/ Sanborn (1899) shows grant total of 2,673,345 acres.

- Sources: Donaldson, Thomas C. The Public Domain. Washington, 1884. Govt. Print. Off.
- Sanborn, John Bell. Congressional Grants of Land in Aid of Railways. Madison, Wisconsin, 1899.
- Haney, Lewis H. Congressional History of Railways in the United States to 1850. University of Wisconsin, 1908. Same 1850 to 1887. University of Wisconsin, 1910.
- U. S. Federal Coordinator of Transportation. Public Aids to Transportation, Vol. II. Washington, 1938. U. S. Govt. Print. Off.

- Sources: U. S. Dept. of the Interior, General Land Office. Transportation,
(cont.) Information Bulletin, 1939 Series, No. 5. Washington, 1940.
U. S. Govt. Print. Off.
- Board of Investigation and Research. Public Aids to Domestic
Transportation (79th Cong. 1st Sess. House Doc. No. 159)
Washington, 1945. U. S. Govt. Print. Off.
- Reports of Commissioner of General Land Office to Secretary of
the Interior (various years).

STATE LAND GRANTS TO RAILROADS - BY RAILROAD SYSTEMS

<u>Name of Railroad</u>	<u>I*</u>	<u>II*</u>
Atlantic Coast Line (excluding L&N - 5,186,661)	7,428,299	7,428,299
Atchison, Topeka & Santa Fe	3,856,640	(3,663,360) 3,856,640
Bangor and Aroostook	73,532	
Canadian Pacific	1,409,464	(1,409,073) 1,409,464
Chicago and Northwestern	498,125	(488,296) 498,125
Chicago, Burlington & Quincy	286,663	(276,847) 286,663
Chicago Great Western	275,000	(278,990)
Chicago, Milwaukee, St. Paul & Pacific	499,115	499,115
Chicago, Rock Island & Pacific	421,138	
Duluth, Missabe & Northern	606,720	
Florida East Coast	651,095	(611,448)
Galveston, Houston & Henderson (1860)	610,560	
Great Northern	425,664	425,578
Louisiana, Arkansas & Texas Ry.	1,164,160	(1,184,000)
Maine Central	638,190	
Minneapolis & St. Louis	81,443	
Missouri-Kansas-Texas	2,795,520	(2,852,480) 2,785,290
Missouri Pacific	622,850	12,989,256
	(excl Tex & Pac. 5,988,319)	(incl. Tex & Pac. 5,988,319)
Northern Pacific	1,052,085	(1,065,453) 1,052,085
Seaboard Air Line	969,299	(1,023,156) 969,299
Southern Pacific (Tex.)	12,974,939	(12,977,920) 10,865,930
(Ore.)	3,200	(3,200)
Texas and Pacific	5,988,319	
Texas-Mexico Ry. Co.	1,412,480	(1,601,280)
Total	51,133,620	(48,474,423) 48,883,372

* Column I - As shown in Vol. II of Federal Coordinator of Transportation (1940) Items in () are as shown by the railroad company records.

Column II- As shown by Board of Investigation and Research, 1944.

Source: Public Aids to Transportation, Vol. II. U. S. Office of Federal Coordinator of Transportation, Section of Research, Washington, 1940, U. S. Govt. Print. Off. 1940.

Board of Investigation and Research. House Document No. 159, 79th Congress, 1st session. 1944. U. S. GPO.

STATE LAND GRANTS TO RAILROADS - BY STATES

<u>State</u>	<u>I*</u>		<u>II*</u>
ARKANSAS	622,850		
FLORIDA	9,048,693	(6,821,265)	8,397,598
IOWA	502,581		
MAINE	711,722		
MICHIGAN	1,695,510	(1,695,007)	1,409,464
MICHIGAN AND NEBRASKA			498,125
MINNESOTA	2,858,584	(2,875,942)	2,076,778
NEBRASKA	498,742	(479,209)	286,663
OREGON	3,200		
TEXAS	35,191,738	(35,309,919)	2,785,920
(Texas LOR 35,777,338)			
TEXAS AND ARKANSAS			12,989,256
TEXAS AND OREGON			10,865,930
STATE AND COMPANY NOT SHOWN			5,816,998
	<u>51,133,620</u>	<u>(48,474,423)</u>	<u>48,883,372</u>

* Column I - As shown in Vol. II of Federal Coordinator of Transportation (1940) Items in () are as shown by the railroad company records.

Column II - As shown by Board of Investigation and Research, 1944.

Source: Public Aids to Transportation, Vol. II. U. S. Office of Federal Coordinator of Transportation, Section of Research, Washington, 1940, U. S. Govt. Print. Off. 1940.
Board of Investigation and Research. House Document No. 159, 79th Congress, 1st session. 1944. U. S. GPO.

CONGRESSIONAL GRANTS OF LAND FOR RAILROADS

(By Years from 1850 to 1880)

<u>Year</u>	<u>Number of Acres Granted</u>
1850	3,751,711
1852	2,280,635
1853	1,856,711
1856	12,083,295
1857	4,126,638
1862	15,345,166
1863	4,430,000
1864	50,787,579
1865	128,000
1866	64,902,000
1867	100,000
1869	1,100,000
1870	2,741,600
1871	24,152,515
Total	<hr/> 187,785,850

Source: Ringwalt, J. L. Development of Transportation Systems in the United States. Philadelphia, Railway World Office, 1888. p. 227.

Note: Includes all grants of Federal lands for railroads up to 1880, the last of these grants having been made in 1871 except for some minor grants made in later years.

TABLE 12.—ACTS OF CONGRESS GRANTING LANDS IN AID OF RAILROAD CONSTRUCTION

Original act	Amendment	Statutes at large		Grantee		Present system and company		Alternate sections granted on each side of track within distance of—
		Volume	Page	State	Railroad (original company)	System	Company	
Sept. 20, 1850		9	496	Illinois:	Illinois Central R. R. Co.	Illinois Central:	Illinois Central R. R. Co.	6
	Mar. 2, 1849	9	772					
	Aug. 2, 1853	10	77	Mississippi:	Mobile & Ohio R. R. Co.	Southern:	Mobile & Ohio R. R. Co.	
	Feb. 12, 1859	11	264	Alabama:	Mobile & Ohio R. R. Co.			
June 14, 1852		10	8	Missouri:	Hannibal & St. Joseph R. R. Co.	Chicago, Burlington & Quincy:	Chicago, Burlington & Quincy R. R. Co.	6
	June 4, 1852	12	423		Pacific R. R. Co. (main line)	Missouri Pacific:	Missouri Pacific R. R. Co.	
					Pacific R. R. Co. (southwest branch)	St. Louis-San Francisco:	St. Louis-San Francisco Ry. Co.	
Feb. 8, 1853		10	153	Missouri:	Caizo & Fulton R. R. Co. of Missouri	Missouri Pacific:	Missouri Pacific R. R. Co.	11
	July 23, 1856	14	233		St. Louis, Iron Mountain & Southern R. R. of Missouri			
	Mar. 2, 1859	15	349	Arkansas:	Caizo & Fulton R. R. Co. of Arkansas			
	Apr. 10, 1859	16	46		Little Rock & Fort Smith Ry. Co.			
	Mar. 2, 1870	16	76		St. Louis, Iron Mountain & Southern R. R. Co. of Arkansas			
	May 6, 1870	16	376		Mempbis & Little Rock R. R. Co.			
May 15, 1856		11	9	Iowa:	Burlington & Missouri River R. R. Co.	Chicago, Rock Island & Pacific:	Choctaw, Oklahoma & Gulf R. R. Co.	6
	June 2, 1854	12	93		Mississippi & Missouri R. R. Co.	Chicago, Burlington & Quincy:	Chicago, Burlington & Quincy R. R. Co.	
	July 1, 1854	13	235			Chicago, Rock Island & Pacific:	Chicago, Rock Island & Pacific Ry. Co.	
	Mar. 2, 1855	13	323			Chicago & North Western:	Chicago & North Western Ry. Co.	
	Feb. 10, 1855	14	249		Iowa Central Air Line R. R. Co.			
	Jan. 21, 1873	17	421		Cedar Rapids & Missouri River R. R. Co.	Illinois Central:	Dubuque & Sioux City R. R. Co.	
	June 14, 1878	20	133		Dubuque & Pacific R. R. Co.	Chicago, Milwaukee, St. Paul & Pacific:	Chicago, Milwaukee, St. Paul & Pacific R. R. Co.	
May 17, 1856		11	15	Florida:	Milwaukee & St. Paul Ry. Co. (Tete Des Morts branch of Dubuque & Pacific R. R. Co.)			6
					Florida, Atlantic & Gulf Central R. R. Co.			
June 2, 1856		11	17	Alabama:	Florida R. R. Co.	Seaboard Air Line:	Seaboard Air Line Ry. Co.	6
	Mar. 2, 1857	11	200		Pensacola & Georgia R. R. Co.			
	Apr. 10, 1859	16	45		Atlantic, Gulf & West India Transit Co.			
	Mar. 2, 1871	16	590		Florida Central & Peninsular R. R. Co.			
	May 23, 1873	17	139		Peninsular R. R. Co.			
	Sept. 29, 1890	26	496		Tropical Florida R. R. Co.			
	Mar. 2, 1903	22	1222		Florida Ry. & Navigation Co.			
	Mar. 4, 1907	24	1408		Fernandina & Jacksonville R. R. Co.			
					Tavares, Orlando & Atlantic R. R. Co.			
					Pensacola & Atlantic R. R. Co.			
					Alabama & Florida R. R. Co.			
					Pensacola & Louisville R. R. Co.			
					Pensacola R. R. Co.	Atlantic Coast Line:	Louisville & Nashville R. R. Co.	
					Mobile & Montgomery R. R. Co.			
					Mobile & Montgomery Ry. Co.			
					Alabama & Florida R. R. Co.			
					Alabama:			
				Alabama:	Tennessee & Coosa R. R. Co.	Atlantic Coast Line:	Nashville, Chattanooga & St. Louis Ry.	
June 2, 1856		11	21	Michigan:	North East & South West Alabama R. R. Co.	Southern:	Alabama Great Southern R. R. Co.	6-10
	July 5, 1862	12	620		Wills Valley R. R. Co.			
	June 7, 1864	13	119		Alabama & Chattanooga R. R. Co.			
	June 18, 1864	13	127		Alabama & Tennessee River R. R. Co.	Southern:	Southern Ry. Co.	
	do.	13	609		Selma, Rome & Dalton R. R. Co.	Atlantic Coast Line:	Louisville & Nashville R. R. Co.	
	Feb. 17, 1862	13	559		Tennessee & Alabama Central R. R. Co.	Illinois Central:	Central of Georgia Ry. Co.	
	Mar. 2, 1865	13	570		South & North Alabama R. R. Co.			
	do.	13	530		Mobile & Girard R. R. Co.			
	July 2, 1866	14	78		Michigan:			
	Mar. 2, 1867	14	425		Bay de Noquet & Marquette R. R. Co.	Canadian Pacific:	Duluth, South Shore & Atlantic Ry. Co.	
	May 20, 1863	15	252		Marquette & Ontonagon Ry. Co.			
	Mar. 2, 1871	16	585		Marquette, Houghton & Ontonagon R. R. Co.			
	Apr. 20, 1871	17	643		Ontonagon & State Line R. R. Co.	Chicago, Milwaukee, St. Paul & Pacific:	Chicago, Milwaukee, St. Paul & Pacific R. R. Co.	
	May 23, 1872	17	180		Ontonagon & Brule River R. R. Co.	Chicago & North Western:	Chicago & North Western Ry. Co.	
	May 2, 1879	20	490		Peninsular R. R. Co.			
	Mar. 2, 1889	25	1008		Chicago, St. Paul & Fond du Lac R. R. Co.			
	Sept. 29, 1890	26	666		Chicago & North Western Ry. Co. (of 1830)			
				Amboy, Lansing & Traverse Bay R. R. Co.	New York Central:	Michigan Central R. R. Co.		
				Jackson, Lansing & Saginaw R. R. Co.				
				Northern Central Michigan R. R. Co.	Pennsylvania:	Grand Rapids & Indiana Ry. Co.		
				Grand Rapids & Indiana Ry. Co. (nos. 1 and 2).				
				Detroit & Milwaukee R. R. Co.	Canadian National:	Grand Trunk Western R. R. Co.		
				Port Huron & Lake Michigan R. R. Co.				
				Flint & Pere Marquette R. R. Co. (1)	Chesapeake & Ohio:	Pere Marquette Ry. Co.		
				Flint & Pere Marquette R. R. Co. (2)				

See footnotes on page 107.

TABLE 12.—ACTS OF CONGRESS GRANTING LANDS IN AID OF RAILROAD CONSTRUCTION—Continued

Original act	Amendment	Statutes at large		Grantee		Present system and company		Alternate sections granted on each side of track within distance of—		
		Volume	Page	State	Railroad (original company)	System	Company			
June 8, 1856		11	20	Wisconsin:						
	Apr. 25, 1862	12	618		West Wisconsin Ry. Co.	Chicago & North Western:	Chicago, St. Paul, Minneapolis & Omaha Ry. Co.	Miles		
	May 8, 1864	13	66		North Wisconsin Ry. Co.					
	Mar. 3, 1865	18	529		St. Croix & Lake Superior R. R. Co.					
	May 20, 1868	16	262		Chicago & Northern Pacific Air Line Ry.	Chicago & North Western:	Chicago & North Western Ry. Co.	6		
	July 13, 1868	15	257		Chicago, St. Paul & Fond du Lac R. R. Co.					
	Mar. 3, 1866	16	301, 307		La Crosse & Milwaukee R. R. Co. ¹	Chicago, Milwaukee, St. Paul & Pacific:	Chicago, Milwaukee, St. Paul & Pacific R. R. Co.			
Mar. 3, 1873	17	634	Madison & Portage R. R. Co. ²							
Do.		11	18	Louisiana:						
	July 14, 1870	16	377		Vicksburg, Shreveport & Texas R. R. Co.	Illinois Central:	Vicksburg, Shreveport & Pacific Ry. Co.	8		
				New Orleans, Opelousas & Great Western R. R. Co.	Southern Pacific:	Morgan's Louisiana & Texas R. R. & S. S. Co.				
Aug. 11, 1858		11	30	Mississippi:						
	Sept. 29, 1890	26	496		Southern R. R. Co.	Illinois Central:	Alabama & Vicksburg Ry. Co.	6		
				Vicksburg & Meridian R. R. Co.	Illinois Central:	Gulf & Ship Island R. R. Co.				
Mar. 3, 1857		11	165	Minnesota:						
	July 12, 1862	12	624		St. Paul & Pacific R. R. Co.	Great Northern:	Great Northern Ry. Co.	10		
	May 12, 1864	13	72		St. Paul, Stillwater & Taylor's Falls R. R. Co.	Chicago & North Western:	Chicago, St. Paul, Minneapolis & Omaha Ry. Co.			
	Mar. 3, 1865	13	526		St. Paul & Sioux City R. R. Co.	Chicago & North Western:	Chicago & North Western Ry. Co.	10		
	July 13, 1866	14	97		Winona & St. Peter R. R. Co.	Chicago & North Western:	Chicago & North Western Ry. Co.			
	Mar. 3, 1871	16	588		Minneapolis & Cedar Valley R. R. Co.	Chicago, Milwaukee, St. Paul & Pacific:	Chicago, Milwaukee, St. Paul & Pacific R. R. Co.	10		
	Jan. 10, 1872	17	409		Minnesota Central Ry. Co.	Chicago, Milwaukee, St. Paul & Pacific:	Chicago, Milwaukee, St. Paul & Pacific R. R. Co.			
	Mar. 3, 1873	17	631		Southern Minnesota R. R. Co.	Northern Pacific:	Northern Pacific Ry. Co.	10		
	June 22, 1874	18	203		Southern Minnesota Railway Extension Co.	Northern Pacific:	Northern Pacific Ry. Co.			
	Sept. 29, 1890	26	496		Stillwater & St. Paul R. R. Co.	Union Pacific:	Union Pacific R. R. Co.	20		
	Aug. 4, 1892	27	390		St. Paul & Northern Pacific Ry. Co.	Union Pacific:	Union Pacific R. R. Co.			
	July 1, 1863		12		489	Kansas:				
		July 2, 1864	13		356		Union Pacific R. R. Co.	Missouri Pacific:	Missouri Pacific R. R. Co.	20
Mar. 3, 1865		13	504	Denver Pacific Ry. & Telegraph Co.	Missouri Pacific:		Missouri Pacific R. R. Co.			
May 7, 1866		14	255	Kansas Pacific Ry. Co.	Southern Pacific:		Central Pacific Ry. Co.	20		
May 21, 1866		14	356	Central Branch Union Pacific R. R. Co. (Assignee of Hannibal & St. Joseph R. R. Co. of Missouri).	Southern Pacific:		Central Pacific Ry. Co.			
July 3, 1863		14	79	Central Pacific R. R. Co.	Chicago & North Western:		Chicago & North Western Ry. Co.	10		
July 26, 1864		14	307	Western Pacific R. R. Co. (1862).	Chicago & North Western:		Chicago & North Western Ry. Co.			
Mar. 3, 1869		15	324	Sioux City & Pacific R. R. Co.	Chicago & North Western:		Chicago & North Western Ry. Co.	10		
do.		15	348		Chicago & North Western:		Chicago & North Western Ry. Co.			
Apr. 10, 1869		16	56		Atchison, Topeka & Santa Fe:		Atchison, Topeka & Santa Fe Ry. Co.	10		
May 6, 1870		16	121		Missouri-Kansas-Texas:		Missouri-Kansas-Texas R. R. Co.			
June 20, 1874		18	111		Missouri-Kansas-Texas:		Missouri-Kansas-Texas R. R. Co.	10		
May 7, 1878		20	56		Missouri-Kansas-Texas:		Missouri-Kansas-Texas R. R. Co.			
June 24, 1912	27	138		Missouri-Kansas-Texas:	Missouri-Kansas-Texas R. R. Co.					
Mar. 3, 1863		12	772	Kansas:						
	July 1, 1864	13	339		Leavenworth, Lawrence & Galveston R. R. Co.	Atchison, Topeka & Santa Fe:	Atchison, Topeka & Santa Fe Ry. Co.	10		
				Atchison, Topeka & Santa Fe R. R. Co.	Atchison, Topeka & Santa Fe Ry. Co.	10				
				Union Pacific R. R. Co., Southern Branch.	Missouri-Kansas-Texas:		Missouri-Kansas-Texas R. R. Co.			
May 5, 1864		13	64	Minnesota:						
	July 13, 1866	14	93		Lake Superior & Mississippi R. R. Co.	Northern Pacific:	Northern Pacific Ry. Co.	10		
do.	14	97	Taylor's Falls & Lake Superior R. R. Co.	Northern Pacific:	Northern Pacific Ry. Co.					
Do.		12	66	Wisconsin:						
	June 21, 1866	14	560		Portage, Winnebago & Superior R. R. Co.	Canadian Pacific:	Wisconsin Central Ry. Co.	10		
	Apr. 9, 1874	18	28			Canadian Pacific:	Wisconsin Central Ry. Co.			
	Mar. 3, 1875	18	511			Canadian Pacific:	Wisconsin Central Ry. Co.			
	Sept. 29, 1890	26	495			Canadian Pacific:	Wisconsin Central Ry. Co.			
May 12, 1864		13	72	Iowa:						
	Sept. 29, 1890	26	496		Sioux City & St. Paul R. R. Co.	Chicago & North Western:	Chicago, St. Paul, Minneapolis & Omaha Ry. Co.	10		
				McGregor Western Ry. Co.	Chicago, Milwaukee, St. Paul & Pacific:	Chicago, Milwaukee, St. Paul & Pacific R. R. Co.	10			
				McGregor & Sioux City Ry. Co.	Chicago, Milwaukee, St. Paul & Pacific:	Chicago, Milwaukee, St. Paul & Pacific R. R. Co.				
				McGregor & Missouri River Ry. Co.	Chicago, Milwaukee, St. Paul & Pacific:	Chicago, Milwaukee, St. Paul & Pacific R. R. Co.				
July 2, 1864		13	376	Iowa:						
	Mar. 3, 1865	13	504		McGregor & Missouri River Ry. Co.	Chicago, Milwaukee, St. Paul & Pacific:	Chicago, Milwaukee, St. Paul & Pacific R. R. Co.	10		
	July 29, 1866	14	567		Chicago, Milwaukee & St. Paul Ry. Co.	Chicago, Milwaukee, St. Paul & Pacific:	Chicago, Milwaukee, St. Paul & Pacific R. R. Co.			
	Apr. 10, 1869	15	54			Chicago, Burlington & Quincy:	Chicago, Burlington & Quincy R. R. Co.	20		
	May 6, 1870	16	118		Burlington & Missouri River R. R. Co.	Chicago, Burlington & Quincy:	Chicago, Burlington & Quincy R. R. Co.			
July 2, 1864		13	265	Minnesota:						
	July 2, 1863	15	255							
	Mar. 3, 1865	15	246							
	Apr. 10, 1869	18	57							
	May 31, 1870	16	278							
	July 15, 1870	16	291, 305							
	July 10, 1882	22	157							
	Sept. 29, 1890	26	496		Northern Pacific R. R. Co.	Northern Pacific:	Northern Pacific Ry. Co.	140		
	Oct. 1, 1890	26	547			Northern Pacific:	Northern Pacific Ry. Co.		129	
	July 1, 1898	20	667, 620							
	Mar. 2, 1899	20	993							
	Mar. 2, 1901	21	970							
	Apr. 28, 1904	23	835							
	Mar. 3, 1905	23	1, 414							
	May 17, 1905	24	197							
July 4, 1866		14	57	Minnesota:						
	July 18, 1866	14	97		Southern Minnesota R. R. Co.	Chicago, Milwaukee, St. Paul & Pacific:	Chicago, Milwaukee, St. Paul & Pacific R. R. Co.	10		
	Sept. 29, 1890	26	496		Houma & Dakota Ry. Co.	Chicago, Milwaukee, St. Paul & Pacific:	Chicago, Milwaukee, St. Paul & Pacific R. R. Co.			

See footnotes on page 107.

TABLE 12.—ACTS OF CONGRESS GRANTING LANDS IN AID OF RAILROAD CONSTRUCTION—Continued

Original act	Amendment	Statutes at large		Grantee		Present system and company		Alternate sections granted on each side of track within distance of—	
		Volume	Page	State	Railroad (original company)	System	Company		
July 23, 1866	-----	14	210	Kansas:	St. Joseph & Denver City R. R. Co.-----	Union Pacific:	St. Joseph & Grand Island R. R. Co.-----	Miles	
July 25, 1866	-----	14	239		California & Oregon R. R. Co.-----	Southern Pacific:	Central Pacific Ry. Co.-----	10	
	June 25, 1868	15	80						
	Apr. 10, 1869	16	47						
	Apr. 30, 1908	85	571			Oregon Central R. R. Co.-----	Southern Pacific:	Southern Pacific Co.-----	20
	Aug. 20, 1912	57	326						
July 27, 1866	-----	14	292						
	July 25, 1866	15	187						
	June 28, 1870	16	382			Atlantic & Pacific R. R. Co. (Missouri and Central divisions).	St. Louis-San Francisco:	St. Louis-San Francisco Ry. Co.-----	1 40
	Apr. 20, 1871	17	19						1 20
	July 6, 1885	24	123						
	Sept. 29, 1890	26	496			Atlantic & Pacific R. R. Co. (Western division).	Atchison, Topeka & Santa Fe:	Atchison, Topeka & Santa Fe Ry. Co.-----	1 40
	Mar. 3, 1897	26	622			Santa Fe Pacific R. R. Co.-----			1 20
	June 27, 1862	22	405			Southern Pacific R. R. Co.-----	Southern Pacific:	Southern Pacific R. R. Co.-----	1 40
	Apr. 28, 1904	33	556						1 20
May 4, 1870	-----	16	94		Oregon Central R. R. Co.-----	Southern Pacific:	Southern Pacific Co.-----	20	
	Jan. 31, 1885	23	206		Oregon & California R. R. Co.-----	Southern Pacific:	Southern Pacific Co.-----	20	
Mar. 3, 1871	-----	16	573		Southern Pacific R. R. Co.-----	Southern Pacific:	Southern Pacific R. R. Co.-----	1 40	
	Feb. 8, 1887	24	391		Texas Pacific R. R. Co. ¹ -----			1 20	
	Apr. 14, 1896	29	91		New Orleans Pacific Ry. Co.-----	Missouri Pacific:	Texas & Pacific Ry. Co.-----	1 20	
					New Orleans, Baton Rouge & Vicksburg R. R. Co.				

¹ Except as noted, forfeited grants, under which no acreage was patented, are not included. Grouping of companies by systems does not necessarily signify that the systems, as shown herein, benefited by the aids. See pp. 101-102.
² Where no State is shown in this column, the grant was direct to the railroad.
³ See table 13, footnote no. 23.
⁴ Grant to this railroad forfeited by act of Feb. 23, 1885 (23 Stat. 337).
⁵ Through Territories.
⁶ Through States.

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APPENDIX

TABLE 12 - LIST OF COMPANIES GRANTING LAND TO AID OF HAWAIIAN PEOPLE

Company Name	Address	State	Acreage		Date of Grant
			Total	Remaining	
Alaska					
10	Alaska Pipeline Service Co.	Alaska	100,000	100,000	1973
20	Alaska Pipeline Service Co.	Alaska	100,000	100,000	1973
30	Alaska Pipeline Service Co.	Alaska	100,000	100,000	1973
40	Alaska Pipeline Service Co.	Alaska	100,000	100,000	1973
50	Alaska Pipeline Service Co.	Alaska	100,000	100,000	1973
60	Alaska Pipeline Service Co.	Alaska	100,000	100,000	1973
70	Alaska Pipeline Service Co.	Alaska	100,000	100,000	1973
80	Alaska Pipeline Service Co.	Alaska	100,000	100,000	1973
90	Alaska Pipeline Service Co.	Alaska	100,000	100,000	1973
100	Alaska Pipeline Service Co.	Alaska	100,000	100,000	1973
110	Alaska Pipeline Service Co.	Alaska	100,000	100,000	1973
120	Alaska Pipeline Service Co.	Alaska	100,000	100,000	1973
130	Alaska Pipeline Service Co.	Alaska	100,000	100,000	1973
140	Alaska Pipeline Service Co.	Alaska	100,000	100,000	1973
150	Alaska Pipeline Service Co.	Alaska	100,000	100,000	1973
160	Alaska Pipeline Service Co.	Alaska	100,000	100,000	1973
170	Alaska Pipeline Service Co.	Alaska	100,000	100,000	1973
180	Alaska Pipeline Service Co.	Alaska	100,000	100,000	1973
190	Alaska Pipeline Service Co.	Alaska	100,000	100,000	1973
200	Alaska Pipeline Service Co.	Alaska	100,000	100,000	1973

This table lists the companies that have granted land to aid of Hawaiian people. The acreage shown is the total acreage granted and the remaining acreage available for grant. The date of grant is the date when the land was first granted. The state is the state in which the land is located. The company name is the name of the company that granted the land.