

B. V. Form No. 563

Owner **Northern Pacific Railway Company**
 Operating Company **Northern Pacific Railway Company**
 Division _____ State **Minnesota**
 Valuation Section No. **Minnesota 16,16A**
 From **Fertile Key West to Carthage Junction Sherack**
59.551 Miles Main Line, **54.374** Miles all Tracks*
0.131 **Joint**

INTERSTATE COMMERCE COMMISSION
 BUREAU OF VALUATION

Date of Inventory as of **June 30**, 19**17**
 Date Compiled **November 4**, 19**29**
 Compiled by **F.A.Mc. - V.W.B.**
 Correct **Louis Wood** Report Engineer.
 Approved _____ Engineer.

SUMMARY SHEET
 WHOLLY OWNED AND USED

R. and E. Account Number	CLASSES	ORIGINAL COST TO DATE	COST OF REPRODUCTION		R. and E. Account Number	REMARKS
			Now	Less Depreciation		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
I. ROAD:						
1	Engineering,		\$ 30,876	\$ 30,876	1	Includes the interest of the carrier in certain joint property. See explanatory text.
2	Land for transportation purposes,				2	
3	Grading,		220,576	218,780	3	
4	Underground power tubes,				4	Carrier's portion of the estimated cost of 0.131 miles of jointly owned tracks at Red Lake Junction, as follows: Northern Pacific Ry. Co. 50% Great Northern Ry. Co. 50%
5	Tunnels and subways,				5	
6	Bridges, trestles, and culverts,		61,521	47,598	6	
7	Elevated structures,				7	
8	Ties,		135,795	80,688	8	
9	Rails,		175,219	128,373	9	
10	Other track material,		23,948	13,945	10	
11	Ballast,		22,102	15,977	11	
12	Track laying and surfacing,		83,590	56,005	12	
13	Right-of-way fences,		8,392	4,584	13	
14	Snow and sand fences and snowsheds,		2,829	2,121	14	
15	Crossings and signs,		11,886	8,189	15	
16	Station and office buildings,		13,547	9,323	16	
17	Roadway buildings,		8,614	5,735	17	
18	Water stations,		3,875	2,883	18	
19	Fuel stations,				19	
20	Shops and engine houses,				20	
21	Grain elevators,				21	
22	Storage warehouses,				22	
23	Wharves and docks,				23	
24	Coal and ore wharves,				24	
25	Gas producing plants,				25	
26	Telegraph and telephone lines,				26	
27	Signals and interlockers,		99	84	27	
28	Power dams, canals, and pipe lines,				28	
29	Power plant buildings,				29	
30	Power substation buildings,				30	
31	Power transmission systems,				31	
32	Power distribution systems,				32	
33	Power line poles and fixtures,				33	
34	Underground conduits,				34	
35	Miscellaneous structures,				35	
36	Paving,				36	
37	Roadway machines,		567	363	37	
38	Roadway small tools,		340	170	38	
39	Assessments for public improvements,				39	
40	Repairs and operating expenses during const.,				40	
41	Cost of road purchased,				41	
42	Reconstruction of road purchased,				42	
43	Other expenditures—Road,				43	
44	Shop machinery,				44	
45	Power plant machinery,				45	
46	Power substation apparatus,				46	
47	Unapplied construction material and supplies,				47	
	Total, 1 to 47, inclusive,		802,766	625,494		
II. EQUIPMENT:						
51	Steam locomotives,				51	
52	Other locomotives,				52	
53	Freight-train cars,				53	
54	Passenger-train cars,				54	
55	Motor equipment of cars,				55	
56	Floating equipment,				56	
57	Work equipment,				57	
58	Miscellaneous equipment,				58	
	Total, 51 to 58, inclusive,					
III. GENERAL EXPENDITURES:						
71	Organization expenses,				71	
72	General officers and clerks,				72	
73	Law,				73	
74	Stationery and printing,				74	
75	Taxes,				75	
77	Other expenditures—General,				77	
76	Interest during construction,				76	
	Total, 71 to 77, inclusive,					
	Grand total, 1 to 77, inclusive,					
	Grand total—Other,					

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H.V. Form No. 501

Northern Pacific Railway Company

INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION

Sheet No. _____ of this valuation section

Val. Section No. Minn. 16, 16A

Miles Main Line, _____ Miles all Tracks,* _____

Approved: G. H. Spenser

LOCATION.	CHARACTER OF PROPERTY AND DESCRIPTION.	When but a single percentage is stated it represents both per cents.	Completion Per Cent.	Per Cent of Cost of New.	UNIT.	NUMBER OF UNITS.	COST OF REPRODUCTION.		
							Per Unit.	New, Total.	Less Depreciation.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
3 GRADING									
All Tracks:									
	Clearing		100		acre	86.90	26.00	2,259	2,259
	Grubbing		100		"	7.50	100.00	760	760
	Excavation		100						
	Common		100		cu.yd.	955395	.21	202,313	202,313
	Loose Rock		100		"	2906	.44	1,279	1,279
	Team O.H. 500' Free haul		100		cy.sta.	768700	.0125	9,609	9,609
	Protection of Roadway								
	Riprap	10 cu.yd Loose @ 1.50	80		cu.yd.	518		1,031	825
	Timber Fir	508 " HP @ 2.00	50		M.B.M.	12,237	32.50	398	199
	" second hand		50		"	33,455	14.50	557	279
	" drain - fir		50		"	1,985	33.50	66	33
	Excavation Foundation - Common		50		cu.yd.	26	.50	13	7
	Piling - cedar 12"		50		lin.ft.	4227	.42	1,775	888
	Cross ties second hand		50		each	242	.25	61	31
	Logs - 10"		50		lin.ft.	2190		302	151
	Corrugated Iron Pipe 18"		90		"	40	1.40	56	50
	Red Lake Junction, Minn.	Jointly owned by Northern Pacific Railway Company 50% G. N. Railway Company 50%							
		0.131 miles of track (See G.N. Ry. report Val. Sec. Minn. 28)							
		Cost of Reproduction							
		New							
		Less Depr.							
	Embankment, common		144	100	cu.yd.	684	.21		
	special (subsidence)		50	100	"	128	.39		
	Total		194	194				97	97
	Total for Valuation Section		99					220,576	218,780

NOTE: Due to subsidence, 7673 cu.yds have been added to the measured volume of embankment before distribution of pay quantities

Account 6 - BRIDGES TRETTLES AND CULVERTS

Approved: F. B. Scheetz

Combination Bridges									
Bridge 70, length 260', single track; built 1901									
Substructure: Three pile piers; four helper bents									
	Piling				lin.ft.	4324	0.55	2,378	
	Timber				M.B.M.	142,080	43.00	6,109	
	Iron				lb.	11340	0.04	454	
	Rock in cribs				cu.yd.	285	2.00	570	
	Riprap, loose				"	45	1.50	68	
	Superstructure; Two thru Howe truss span, 130' long								
	Timber in trusses				M.B.M.	128,000	70.00	8,960	
	Iron				lb.	125770	.0446	5,609	
	Sundry Items							143	
	Total Combination Bridges		75					24,293	18,220
Pile and Frame Trestles									
34 Timber Trestles, total length 1536'									
	Piles, cedar				lin.ft.	16180	0.55	8,899	
	" oak				"	2400	0.55	1,320	
	Stringers				M.B.M.	124,200	45.00	5,589	
	Other timber				"	126,600	43.00	5,474	
	Iron				lb.	26120	0.04	1,045	
	Galvanized iron fire protection				"	15430	0.05	771	
	Sundry Items							76	
	Total Pile and Frame Trestles Minn. 16		80					23,574	18,859
Pile and Frame Trestles									
5 Timber Trestles, total length 156'									
	Piles, oak				lin.ft.	936	0.55	515	
	Stringers				M.B.M.	12,600	45.00	567	
	Other timber				"	11,900	43.00	512	
	Iron				lb.	2230	0.04	89	
	Galvanized iron fire protection				"	600	0.05	30	
	Sundry Items							5	
	Total Pile and Frame Trestles Minn. 16A		60					1,718	1,031
	Total Pile and Frame Trestles Minn. 16-16A		79					25,292	19,890

Revised page prepared by direction of the Commission, Nov. 20, 1929.

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B. V. Form No. 561

INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION

Owner Northern Pacific Railway Company

Sheet No. _____ of this valuation section.

Val. Section No. Minn. 16, 16A

Miles Main Line _____ Miles all Tracks _____

Approved: F. B. Scheetz

LOCATION _____ Where but a single percentage is stated it represents both per cents.

CHARACTER OF PROPERTY AND DESCRIPTION.

UNIT.	NUMBER OF UNITS.	COST OF REPRODUCTION		
		Per Unit.	New, Total.	Less Depreciation
	(3)	(4)	(5)	(6)
		\$	\$	\$

Acct. No. 6 Title BRIDGES TRESSIES AND CULVERTS (CONTD)

Pipe and Timber Culverts

29 Cast Iron Pipe Culverts, 24" - 54"	87	net ton	179.921	38.00	6,837	5,948
7 Vitrified Tile Pipe Culverts 18"	72	lin.ft	213	1.05	224	161
36 " " " " 24"	70	"	1645	1.75	2,879	2,015
23 Wood Box Drainage Culverts	57	M.B.M.	27.593	45.00	1,242	708
1 - Wrought iron pipe culvert 6"	73	lin.ft.	10	.73	7	5
1 - Corrugated " " " 48"	90	"	21	5.40	113	102
1 - Reinforced Concrete pipe 24" x 30"	80	"	24	3.50	84	67
Rip rap, hand placed	80	cu.yd.	26	2.00	52	42
" " loose	80	"	24	1.50	36	29
Stone Masonry Rubble in Mortar	89	cu.yd.	50.5	7.50	379	337
Excavation, wet	89	"	50	1.65	83	74

Total Pipe and Timber Culverts 79 11,936 9,488

Total for valuation section 77 61,521 47,598

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B. V. Form No. 561 INTERSTATE COMMERCE COMMISSION
 Owner Northern Pacific Railway Company BUREAU OF VALUATION
 Sheet No. _____ of this valuation section
 Val. Section No. Minn. 16 - 16A Miles Main Line, _____ Miles all Tracks.*
 Approved: G. H. Spencer

LOCATION.	CHARACTER OF PROPERTY AND DESCRIPTION.	Condition Per Cent.	Per Cent of Cost New.	UNIT.	NUMBER OF UNITS.	COST OF REPRODUCTION.				
						Per Unit.	New, Total.	Less Depreciation.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)			
<p>Where but a single percentage is stated it represents both per cents.</p>										
<p>(1) CHARACTER OF PROPERTY AND DESCRIPTION.</p>										
Acct. No.	B	Title	TIES							
				(I. C. C. classification.)						
Main Track										
		Cross ties treated		77	each	50365	.97	48,854	37,618	
		" cedar		56	"	71107	.62	44,086	24,688	
		" pine		25	"	18137	.60	10,882	2,721	
		" tamarack		44	"	25665	.60	15,339	6,749	
		" oak		64	"	1610	.68	1,095	701	
		" fir		63	"	3037	.60	1,822	1,148	
		" elm		40	"	450	.53	239	96	
		Bridge ties		49	M.B.M.	109,836	28.00	8,075	1,507	
		Switch " treated		78	"	11,015	35.50	391	305	
		" fir		60	"	43,040	28.50	1,227	736	
		" oak		64	"	13,655	28.00	382	244	
		Crossing ties oak		64	"	0,336	28.00	9	6	
		" fir		63	"	0,448	28.50	13	8	
		Total Main Track		60				127,414	76,527	
Yard Tracks and Sidings										
		Cross ties, treated		79	each	212	.97	206	163	
		" tamarack and cedar		53	"	6644	.62	4,119	2,183	
		" oak		65	"	254	.68	173	112	
		" pine		25	"	2121	.60	1,273	318	
		" tamarack		49	"	1742	.60	1,045	512	
		" fir		63	"	65	.60	39	25	
		" cedar		57	"	1077	.62	668	387	
		" elm		40	"	15	.53	8	3	
		Bridge ties, fir		50	M.B.M.	4,864	28.00	136	68	
		Switch " "		63	"	16,554	28.50	472	297	
		" oak		64	"	2,797	28.00	78	50	
<p>Jointly owned track at Red Lake Jct. Minn. 0.131 miles Northern Pacific Ry. Co. 50% Great Northern Ry. Co. 50%</p>										
		Cross ties treated		30	each	10	.83			
		" #1 tamarack		30	"	38	.57			
		" #2 "		30	"	12	.56			
		" #1 cedar		30	"	140	.61			
		" #2 "		30	"	94	.60			
		Switch ties oak		30	M.B.M.	5,686	26.15			
		Total		30				164	49	
		Northern Pacific Ry. Co's portion 50%								
		Total Yard Tracks and Sidings		50				8,381	4,161	
		Total for Valuation Section		59				135,795	80,688	
Account 9 - RAIL										
Main Track - Minn. 16 - 53.423 miles; Minn. 16A										
		Now Open Hearth Rail, 90#; 1911-1912;	Trk. Mi.	97	99	gr. ton	3,964	34.35	136	135
		" 75# Bessemer Rail; 1898	0.028	97	99	"	0,268	32.35	9	9
		" 56# " " 1886	53.391	03	72	"	4698,383	32.35	151,993	109,435
		Relay 56# " " 1886	6.326	56	76	"	468,700	24.00	11,249	8,549
		" 56# Iron " "	0.797	56	76	"	62,619	24.00	1,503	1,142
		Total Main Track		72				164,890	119,270	
Yard Tracks and Sidings Minn. 16-4.540 miles; Minn. 16A-0.283 miles										
		Relay 75#-66# Bessemer Rail	0.715	80		"	76,290	24.00	1,831	1,630
		" 60#-56# " 1887	3.962	78		"	348,654	24.00	8,368	7,364
<p>Red Lake Jct., Minn. Jointly owned by Northern Pacific Railway Company 50% G.N. Railway Company 50% 0.131 miles of track (see G.N.Ry. report Val. Sec. Minn. 28)</p>										
		Relay 56# Bess. rail 0.130 tr.m.	Cost of Reproduction New Less Depr. 260 218	72		"	10,850	24.00		
		Northern Pacific Railway Company's portion		83				130	109	
		Total Yard Tracks and Sidings		88				10,329	9,103	
		Total for Valuation Section		73				175,219	128,373	

Revised page prepared by direction of the Commission, Nov. 20, 1929.

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B. V. Form No. 361

INTERSTATE COMMERCE COMMISSION

Owner Northern Pacific Railway Company

BUREAU OF VALUATION

Sheet No. _____ of this valuation section

Val. Section No. Minn. 16, 16A

Miles Main Line, _____ Miles All Tracks, *

Approved: C. H. Spencer

LOCATION. (1)	CHARACTER OF PROPERTY AND DESCRIPTION.		Condition Per Cent.	Per Cent of Cost New.	UNIT. (2)	NUMBER OF UNITS. (3)	COST OF REPRODUCTION.		
	Where but a single percentage is stated it represents both per cents.						Per Unit. (4)	New, Total. (5)	Less Depreciation. (6)
							\$	\$	\$
Account 10 OTHER TRACK MATERIAL (I. C. C. classification.)									
Main Track									
Acct. No. 10	Title								
	New 56# Fish Plates and Angle Bars	1886	67	Cwt.	4347.73	1.66	7,217	4,855	
	Relay 56#-50# Fish Plates and Angle Bars	1886	74	"	390.87	1.10	430	318	
	Spikes, 9/16" x 5 1/2"		50	"	4574.54	1.76	8,051	4,026	
	Bolts, 23/32" x 3-3/8" to 1" x 4 1/2"		60	"	698.31	2.31	1,613	1,097	
	Rigid Frogs, 60#-56# Steel		51	Each	26		695	388	
	Split Switches, 60#-56#		51	"	25		758	423	
	High Switch Stands		62	"	29		399	260	
	Switch Guard Rails, clamped		50	cwt.	16.28	3.25	53	35	
	" " " braced		60	"	179.78	2.50	449	301	
	Bridge and Curve Guard Rails, 56# Relay		70	gr. ton	30.017	24.00	720	605	
	Sundry items		56				610	373	
	Total Main Track		60				20,995	12,667	
Yard Tracks and Sidings									
	Relay 70#-66# Angle Bars		80	cwt.	96.92	1.10	107	94	
	" 60#-56# " "	1887	78	"	309.53	1.10	340	296	
	Spikes, 9/16" x 5 1/2"		50	"	348.01	1.76	612	306	
	Bolts, 23/32" x 3/38"		79	"	55.24	2.31	123	106	
	Rigid Frogs 60#-56# Steel		50	each	4		110	61	
	Split Switches 70#-66# Steel		50	"	2		63	35	
	" " 60#-56# " "		50	"	3		89	49	
	High Switch Stands		60	"	6		83	53	
	Switch Guard Rails, braced		60	cwt.	40.20	2.50	101	68	
	Sundry items		70				178	132	
Red Lake Junction, Minn. Jointly owned by: Northern Pacific Ry. Co. 50% Great Northern Ry. Co. 50%									
0.131 miles of track (See G.N. Ry. Report, Val. Sec. Minn. 28)									
		Cost of Reproduction							
		New	Less Depr.						
	Joints relay 56# plain angles	14	11	72	80	"	9.10	1.50	
	Bolts	4	3	72	77	"	1.78	2.40	
	Spikes	21	6	30	"	"	11.38	1.85	
	Frogs, New 60# rigid	53	29	50	55	each	2	26.30	
	Switches split 60#	85	48	50	56	"	2	42.60	
	Switch stand high	27	15	50	56	"	2	13.45	
	" guard rail	70	39	50	56	cwt.	18.38	3.80	
	" locks	1	0	50	"	each	2	.50	
	" lamps	9	5	50	"	"	2	4.50	
	Total	284	156	55					
Northern Pacific Railway Co's portion				55			142	78	
Total Yard Tracks and Sidings				65			1,953	1,278	
Total for Valuation Section				61			22,948	13,945	
Account 11 - BALLAST									
Main Track									
	Gravel Ballast from Melvin, ave. haul 42 miles		75	cu. yd.	537	0.47	252	189	
	" " " Delorme " " 13 "		75	"	44912	0.33	14,821	11,116	
	" " " Tilden Cut " " 3 "		75	"	13486	0.25	3,372	2,529	
	Cinder " " East Grand Forks, ave. haul 45 miles		50	"	3311	0.48	1,589	795	
Total Main Track				73			20,034	14,629	
Yard Tracks and Sidings									
	Gravel Ballast from Holmes, ave. haul 43 miles		75	cu. yd.	1020	0.48	490	368	
	" " " Delorme, " " 8 "		75	"	2033	0.28	569	427	
	" " " Tilden Cut " " 1 "		75	"	460	0.25	115	86	
	Cinder " " East Grand Forks, ave. haul 1 mile		50	"	3224	0.38	838	419	
Total Yard Tracks and Sidings				65			2,012	1,300	
Red Lake Junction, Minn. Jointly owned by: Northern Pacific Ry. Co. 50% Great Northern Ry. Co. 50%									
0.131 miles of track (see G.N. Ry. report Val. Sec. Minn. 28)									

Revised page prepared by direction of the Commission, Nov. 20, 1929.

B. V. Form No. 561

INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION

Sheet No. _____ of this valuation section

Owner Northern Pacific Railway Company

Approved: C. H. Spencer

Val. Section No. Minn. 16, 16A Miles Main Line, _____ Miles all Tracks.*

LOCATION. (1)	CHARACTER OF PROPERTY AND DESCRIPTION. (I. C. C. Classification.)	Condition For Cent. (2)	Per Cent of Cost of New. (3)	UNIT. (4)	NUMBER OF UNITS. (5)	COST OF REPRODUCTION.		
						Per Unit. (6)	New, Total. (7)	Less Depreciation. (8)
Acct. No. 11	Title BALLEAST (Cont'd)							
	Gravel from Bemert, Av. haul 16 mi.	85		cu. yd.	524	.55		
	Northern Pacific Railway Co's portion						56	48
	Total for Valuation Section	72					22,102	15,977
Account 12 - TRACKLAYING AND SURFACING								
Main Track								
	Tracklaying and initial surfacing 90#-66# Rail			mile	0.032	1025.00		33
	" " " " 60#-50# "			"	59.519	975.00		58,031
	Extra for full earth surfacing (incl. 0.346 mi. YF+5)			"	30.731	100.00		3,073
	Placing bridge guard rail			rail ft.	3600	.025		90
	" gravel ballast			cu. yd.	58936	.23		13,555
	" cinder "			"	3311	.19		629
Yard Tracks and Sidings								
	Tracklaying and initial surfacing 90#-66# Rail			mile	0.724	950.00		688
	" " " " 60#-50# "			"	4.099	900.00		3,689
	Placing Gravel Ballast			cu. yd.	3513	.23		808
	" Cinder "			"	3224	.19		613
All Tracks								
	Placing turnouts - Y			each	33	30.00		990
	" crossing frog M = 40			"	1	40.00		40
	" derails, stub with stands - M = 12			"	3	7.50		23
	" guard rail points - M = 6			"	6	.94		6
	" tie plates - M = 7			"	534	.0125		7
	" rail braces - Y			"	2098	.02		42
	Framing and Placing Bridge Ties M = 1098			M.B.M.	114.700	10.00		1,147
Red Lake Junction, Minn. Jointly owned by Northern Pacific Railway Co. 50% Great Northern Ry. Co. 50% 0.131 miles of track (See G.N.Ry. report Val. Sec. Minn. 28)								
	Tracklaying and initial surfacing 56# rail			mile	.131	800.00		
	Placing turnout complete			each	2	32.50		
	" gravel ballast			cu. yd.	324	.25		
	Total							126
	Northern Pacific Railway Company's portion							126
	Total for Valuation Section	67					83,590	56,005

Revised page prepared by direction of the Commission, Nov. 20, 1929.

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B. V. Form No. 501

INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION

Sheet No. _____ of this valuation section.

Owner Northern Pacific Railway Company

Approved: C.H. Spencer

Val. Section No. Minn. 16,16A Miles Main Line, _____ Miles all Tracks, _____

LOCATION. _____ Where but a single percentage is stated it represents both per cents.
CHARACTER OF PROPERTY AND DESCRIPTION. _____

Acct. No.	Title	UNIT.	NUMBER OF UNITS.	COST OF REPRODUCTION.		
				Per Unit.	New, Total.	Less Depreciation.
(1)	(2)	(3)	(4)	(5)	(6)	
13	RIGHT OF WAY FENCES (I.C.C. classification.)			\$	\$	\$
<u>All Tracks</u>	37.076 Miles Fence <u>222 62⁴ PER MILE</u>					
	Posts	51 each	13180		2,428	1,242
	Barbed wire	61 cwt.	315.86	2.55	805	491
	Woven Wire, 20"-48"	61 "	441.47	2.50	1,104	673
	Labor setting 7' posts	51 each	12830	0.12	1,540	785
	" stringing barbed wire, posts spaced over 12'	61 wire mi.	87.607	4.05	355	217
	" " woven " " " 12'	61 fence "	15.037		460	280
	Stays	61 each	12303	0.03	369	224
	Lumber in Fence	50 M.B.M.	36.222	25.25	915	458
	" " Bracing	50 "	5.056	27.00	137	68
	Eureka Gates, 16'-14'	50 each	17		75	38
	Sundry Items	53			204	108
	Total for Valuation Section	55			8,392	4,584

ACCOUNT 14- SNOW AND SAND FENCES AND SNOWSHEDS

<u>All Tracks</u>	646 Panels portable snow fence	75 M.B.M.	92.629	28.75	2,663	1,997
	Lumber	75 cwt.	33.19	5.00	166	124
	Total for Valuation Section	75			2,829	\$ 2,121

ACCOUNT 15 - CROSSINGS AND SIGNS

<u>102 Grade Crossings</u>	Embankment Borrow, common	100 cu.yd.	7992	0.185	1,479	1,479
	Excavation common	100 "	1259	0.185	233	233
	Crossing Plank	50 M.B.M.	23.005	37.50	771	386
	Hardware	50 cwt.	11.93	4.00	48	24
	Warning Signs	75 each	51	5.00	855	191
	Concrete, plain	90 cu.yd.	3	8.50	26	23
	Wood Box Culverts	57 M.B.M.	110.978	45.00	4,994	2,847
	Corrugated iron pipe 12"	90 lin.ft.	36	.60	22	20
	" " " 18"	90 "	19	.90	17	15
	" " " 24"	90 "	20	1.45	29	26
	" " " 36"	90 "	21	2.10	44	40
	" " " 48"	90 "	29	5.40	157	141
	Cast iron pipe	85 net tons	3.624	40.00	145	123
	24" Vitrified Tile Pipe Culvert	70 lin ft.	1034	1.75	1,810	1,267
	36" x 40" Elliptical Concrete Reinforced Pipe Culvert	80 "	32	5.25	168	134
	Excavation, com on - for culverts	60 cu.yd.	650	0.50	325	195
	Sundry Items	78			761	592
	Total Grade Crossings	69			11,284	7,736
<u>Signs</u>	Mile Markers and other Signs	75 each	343		602	453
	Total Signs	75			602	453
	Total for Valuation Section	69			11,886	8,189

Note
Iron for crossing plank & w.b. culv.
included in Sundry Items & 50 cc

Cast Iron
Corrugated iron pipe was included in the old report under SUNDRY ITEMS and is still included in the SUNDRY ITEM total.

one

B. V. Form No. 200

INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION

Owner: Northern Pacific Railway Company

Sheet No. _____ of this valuation section.

Val. Section No. Minn. 16-16A

Approved: Jno. A. Galvin.

LOCATION: _____

(a) CHARACTER OF PROPERTY AND DESCRIPTION.

UNIT	NUMBER OF UNITS	COST OF REPRODUCTION	
		Per Unit	Total

16. STATION AND OFFICE BUILDINGS.

Tilden Junction, Mile 57.0

Jointly owned by:
Northern Pacific Railway Company 50%
Great Northern Railway Company 50%

Description	Cost of Reproduction		UNIT	NUMBER OF UNITS	COST OF REPRODUCTION	
	New	Less Depr.			Per Unit	Total
Passenger and freight depot, one story 24'x60' frame, built 1905	2,107	1,580	75	Each	1	
Furniture	231	162	70			
Platform 4248 sq.ft. frame	693	520	75			
Grading 600 cu.yds. gravel	486	486	100			
Sundry items	62	37	60			
Total	3,579	2,785				
Northern Pacific Ry. Co's. portion			78			1,789 1,392
Stock pen 30'x32'			50			53 27
Total (Tilden Junction)			77			1,842 1,419

Perault Mile 65.0

Passenger depot, 8'x34' converted box car body frame, built 1913	56		"	1	270	151
Platform 1504 sq.ft. frame	74		"	1	413	306
Sundry items	80				19	14
Total (Perault)			67		701	471

Great Northern Junction, Mile 68.0-

Registering booth, 3' sides, octagonal, frame, built 1912	80		"	1	92	74
Total (Great Northern Junction)			80		92	74

Red Lake Falls, Mile 69.0

Passenger and freight depot, one story 20'x60' frame, built 1897	63		"	1	2,078	1,309
Furniture	50				402	201
Platform 1344 sq.ft. frame	80		"	1	431	345
" 263 cu.yds. cinders	50		"	1	440	220
Driveway 490 cu.yds. cinders	50				406	203
Walks 12'x15' frame	80				120	96
Incline 250 sq.ft. frame	80				65	68
Sundry items	47				170	80
Total	61				4,132	2,522
Ice house, 12'x17' frame, built 1905	74		"	1	315	233
Stock pen 50'x108'	50		"	1	490	
Shelter shed 14'x50' frame	50		"	1	225	
Wind mill 30'-10' wheel	50		"	1	183	
Tank 15-1/2 tower	50		"	1	84	
Well 4'x4'-20' deep	50		"	1	114	
Total	50				1,096	548
Total (Red Lake Falls)			60		5,543	3,303

Hill Top, Mile 74.0-

Platform 1680 sq.ft. frame	90		"	1	397	357
Total Hill Top			90		397	357

NORTHERN PACIFIC RAILWAY COMPANY

VALUATION DEPARTMENT
INTERSTATE COMMERCE COMMISSION

Owner Northern Pacific Railway Company

State of _____

Sheet No. _____ of this valuation section

Val. Section No. Minn. 16, 16A Miles Main Line, _____ Miles all Tracks *

Approved: Jno. A. Galvin

LOCATION. (1)	Where but a single percentage is stated it represents both per cents CHARACTER OF PROPERTY AND DESCRIPTION	Condi- tion Per Cent	Per Cent of Cost New	UNIT (2)	NUMBER OF UNITS (3)	COST OF REPRODUCTION		
						Per Unit (4)	New, Total (5)	Less Depreciation (6)
Acct. No. <u>16</u> Title <u>STATION AND OFFICE BUILDINGS.</u> (I. C. C. Classification)								
<u>Dorthy, Mile 78.0</u>								
	Passenger depot, 8'x34' converted box car body, frame, built 1910	51		Each	1		264	135
	Platform 20 cu. yds. cinders	50		"	1		22	11
	Total	51					286	146
	Portable hog chute	38		"	1		58	22
	Total (Dorthy)		49				344	168
<u>Buffington, Mile 90.0</u>								
	Platform 864 sq.ft. frame, built 1917	100		"	1		387	387
	" 240 sq.ft. cinders	50		"	1		47	24
	Sundry items	70					77	54
	Total	91					511	465
	Stock Pen 32' x 32'	50		"	1		232	116
	Total (Buffington)		78				743	581
<u>Key West, Mile 94.0</u>								
	Passenger and frt. depot, 16'x23' frame, built 1902	70		"	1		903	632
	Furniture	50					32	16
	Platform 1792 sq.ft. frame	74		"	1		561	415
	" 880 sq.ft. frame	72		"	1		221	159
	Well 24' deep	70		"	1		58	41
	Roadway	100					204	204
	Sundry items	80					109	87
	Total (Key West)		74				2,088	1,554
<u>Walkerton, Mile 97.0</u>								
	Platform 1272 sq.ft. frame	74		"	1		395	292
	Total (Walkerton)		74				395	292
<u>Carthage, Mile 100.0</u>								
	Platform 1245 sq.ft. frame, built 1917	100		"	1		381	381
	Grain doors	80					147	118
	Total	95					528	499
	Portable hog chute, 1273 FHM	38		"	1		58	22
	Total (Carthage)		89				586	521
	Station signs located at Lee, Delorme, Hilltop, Kohler, Buffington, Walkerton, Carthage, Red Lake Falls, Jet.	50		"	8		54	27
	Total for Valuation Sec. (Minn. 16)		69				12,785	8,767
<u>Omera, Mile 97.0</u>								
	Platform 1258 sq.ft. frame	72		"	1		365	263
	Total (Omera)		72				365	263
<u>Sherack, Mile 100.0</u>								
	Platform 1680 sq.ft. frame	74		"	1		390	289
	Total (Sherack)		74				390	289

Revised Aug. 1, 1926

400

B. V. Form No. 101

INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION

Owner: **Northern Pacific Railway Company**

Sheet No. _____ of this valuation section.

Val. Section No. **Minn. 16, 16A**

Miles Main Line, _____

Miles All Tracks, _____

Approved: **Jno. A. Galvin.**

LOCATION: _____
Where but a single percentage is stated it represents both per cents.

CHARACTER OF PROPERTY AND DESCRIPTION.

Condition
Per Cent
of Cost
to
Buy.

NUMBER OF
UNITS
(1)

COST OF REPRODUCTION.
New, Total (2)
Less Depreciation (3)

Acct. No. **16.** **STATION AND OFFICE BUILDINGS.**

CHARACTER OF PROPERTY AND DESCRIPTION	Condition Per Cent of Cost to Buy	UNIT	NUMBER OF UNITS	New, Total	Less Depreciation
Station sign; located at Sberack		Each	1	7	4
Total for Valuation Section- Minn. 16A			73	762	356
Total for Valuation Section - Minn. 16, 16A			68	13,547	9,323

Acct. 17 - ROADWAY BUILDINGS.

Tilden Junction, Mile 57.0

Section house, one and one-half story 20'x32' with one story 14'x16' addition frame, built 1889	56	Each	1	2,405	1,347
Well and house	80	"	1	136	109
Garden 2600 sq. ft.	100			53	53
Total	58			2,594	1,509
Tool house 10'x14' frame, built 1889	30	"	1	137	41
Sundry items	55			209	115
Total (Tilden Junction)	57			2,940	1,665

Red Lake Falls, Mile 69.0

Tool house 10'x14' frame, built 1905	54	"	1	146	79
Sundry items	61			56	34
Total (Red Lake Falls)	56			202	113

Kohler, Mile 84.0

Section house two story 20'x32', with one story 14'x16' addition frame, built 1907	80	"	1	2,268	1,814
Tool house 10'x14' frame, built 1902	45	"	1	168	76
Ice house 15'x16' frame, built 1916	95	"	1	182	173
Sundry items	76			231	176
Total (Kohler)	79			2,849	2,239

Key West, Mile 94.0

Section house, one and one-half story 16'x32' with one story 14'x16' addition frame built 1902	68	"	1	1,707	1,161
well	63	"	1	91	57
Total	68			1,798	1,218
Tool house 10'x14' frame, built 1897	33	"	1	168	55
Sundry items	80			379	303
Total (Key West)	67			2,345	1,576

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D. V. Form No. 561.

INTERSTATE COMMERCE COMMISSION
DIVISION OF VALUATION

Owner Northern Pacific Railway Company

Sheet No. _____ of _____ sheets (this series).

Val. Section No. Minn. 16,16A Miles Main Line, _____ Miles all Tracks.

Approved: Jno. A. Galvin.

LOCATION. Where but one per cent is stated it represents both.

(1) CHARACTER OF PROPERTY AND DESCRIPTION.	Condition Per Cent.	Per Cent of Cost New.	UNIT. (2)	NUMBER OF UNITS. (3)	COST OF REPRODUCTION.		
					Per Unit. (4)	New, Total. (5)	Less Depreciation. (6)
Acct. No. <u>17.</u> Title <u>ROADWAY BUILDINGS (Cont'd)</u> (I. C. C. classification.)					\$	\$	\$

Carthage, Mile 99.0

Bunk house 8'x34' converted carbody installed 1910	51		Each	1		278	142
Total for Valuation Section-Minn.16	67					8,614	5,735

Acct. 18 - WATER STATIONS.

Approved: F. B. Scheetz & J. W. Barrie.

Red Lake Falls, Mile 69.0

Pump house, 12'x12' frame, built 1906	70		Each	1		410	287
Equipment	60		"	1		568	353
Gas cellar, frame 1-100 gal. tank	70		"	1		54	38
Pipe lines	90		"	1		142	128
Well 6'x6'x10'deep, wood lined	70		"	1		75	53
Total	68					1,269	859
Tank 24' dia. x 16' high, wood tub on housed wood tower, concrete foundation, built 1902	70		"	1		2,606	1,824
Total for Valuation Section	69					3,875	2,683

Acct. 27 - SIGNALS AND INTERLOCKERS.

Approved: W. M. O'Loughlin.

Tilden Junction, Minn.

9 lever mechanical interlocker installed 1899, remodeled 1915, in 12 x12' standard G.M. tower wholly owned by the Great Northern Railway Co. (see its report on V.S. 30-Minn.)

Various Locations.

Disc. type train order signals	85		Each	3	33.00	99	84
Total for Valuation Section	85					99	84

ACCOUNT - 37 - ROADWAY MACHINES

Approved W. W. Johnston.

Hand Cars

Sheffield #1, non-insulated	65	65	Each	1	29.44	29	19
Buda #1, non-insulated	65	65	"	1	29.18	29	19
Buda #1, non-insulated, equipped with engine, engine owned by foreman	65	65	"	1	24.82	25	16
Sheffield #1, non-insulated, equipped with engine, engine owned by foreman	65	65	"	4	34.89	140	91
Total (Hand Cars)	65					223	145

Push Cars

Buda #4, non-insulated	65	65	"	2	21.62	43	28
Sheffield #4, non-insulated	65	65	"	6	21.79	131	85
Total (Push Cars)	65					174	113

Revised ~~MEMPHIS, TENN.~~
Aug. 1, 1926

415
416

B. V. Form No. 561

INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION

Owner **Northern Pacific Railway Company**

Sheet No. _____ of this valuation section.

Val. Section No. **Minn. 16** Miles Main Line, _____ Miles all Tracks.*

Approved: **W. W. Johnston.**

LOCATION. _____ Where but a single percentage is stated it represents both per cents.

CHARACTER OF PROPERTY AND DESCRIPTION.

(1)	UNIT.	NUMBER OF UNITS.	COST OF REPRODUCTION.		
			Per Unit.	New, Total.	Less Depreciation.
(2)	(3)	(4)	(5)	(6)	
Condition Per Cent.	Per Cent of Cost New.	\$	\$	\$	
Acc't. No. 37 Title ROADWAY MACHINES <small>(I. C. C. classification.)</small>					
Velocipedes					
	Each	1	30.11	30	20
	Sheffield #1				
	65	65			
Motor Cars					
	"	1	129.50	130	85
	Sheffield #1, hand car, non-insulated, with Fairmont 6 H.P. engine				
	65	66			
Total for Valuation Section				557	363

ACCOUNT - 38 - ROADWAY SMALL TOOLS

Section Tools	Set	4	85.00	340	170
	50				
Total for Valuation Section				340	170
	50				