

B. V. Form No. 563
Great Northern Railway Company
 Owner **do**
 Operating Company **do**
 Division **North Dakota**
 State **North Dakota**
 Valuation Section No. **25**
 From **M.P. 0.00** to **M.P. 50.759**
50.751 Miles Main Line, **54.087** Miles all Tracks.

INTERSTATE COMMERCE COMMISSION
 BUREAU OF VALUATION

SUMMARY SHEET
 WHOLLY OWNED AND USED

Date of Inventory as of **June 30 1922**
 Date Compiled **February 16 1922**
 Compiled by **E. R. F. - H. A. P.**
 Correct **Louis Hood**
 Approved **Carl W. ...**
 Engineer
 Engineer

R. and E. Account Number	CLASSES	ORIGINAL COST TO DATE	COST OF REPRODUCTION		R. and E. Account Number	REMARKS
			New	Less Depreciation		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	I. ROAD:					
1	Engineering,		27,204	27,204	1	
2	Land for transportation purposes,				2	
3	Grading,		252,578	252,578	3	
4	Underground power tubes,				4	
5	Tunnels and subways,				5	
6	Bridges, trestles, and culverts,		57,340	54,017	6	
7	Elevated structures,				7	
8	Ties,		111,273	66,754	8	
9	Rails,		129,063	122,511	9	
10	Other track material,		24,572	20,209	10	
11	Ballast,		2,974	1,875	11	
12	Track laying and surfacing,		59,805	47,247	12	
13	Right-of-way fences,		2,360	1,887	13	
14	Snow and sand fences and snowbanks,		7,680	3,740	14	
15	Crossings and signs,		6,643	5,814	15	
16	Station and office buildings,		10,265	8,565	16	
17	Roadway buildings,		5,347	4,555	17	
18	Water stations,		6,783	5,426	18	
19	Fuel stations,		101	81	19	
20	Shops and engine houses,		2,974	2,687	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,				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,		181	117	36	
37	Roadway machines,		348	191	37	
38	Roadway small tools,				38	
39	Assessments for public improvements,				39	
40	Revenues 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		707,292	625,570		
	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	
76	Other expenditures - General,				76	
77	Interest during construction,				77	
	Total, 71 to 77, inclusive,					
	Grand total, 1 to 77, inclusive,					
	Grand total - Other,					

Revised page prepared by direction
 of the Commission Jan. 3, 1928

INTERSTATE COMMERCE COMMISSION BUREAU OF VALUATION

Owner Great Northern Railway Company

Sheet No. _____ of this valuation section.

Val. Section No. No. Dak. 26

Miles Main Line, _____ Miles all Trackage, _____

Approved: C.H. Spencer

12-200

LOCATION (1)	CHARACTER OF PROPERTY AND DESCRIPTION (2)	Condition Per Cent (3)	UNIT (4)	NUMBER OF UNITS (5)	COST OF REPRODUCTION		
					Per Unit (6)	New Total (7)	Less Depreciation (8)
Acct. No. <u>3</u>	Title <u>GRADING</u>				\$	\$	\$
M.P. 0.000 to M.P. 50.759 - Stanley to Wildrose							
All Tracks -							
	Excavation, common	100	cu. yd.	376336	0.185	69,622	
	" loose rock	100	"	166934	.42	70,112	
	" solid "	100	"	4917	.97	4,769	
	Embankment borrow - common	100	"	449154	.185	83,093	
	" " loose rock	100	"	18003	.42	7,561	
	" " solid "	100	"	220	.97	213	
	Team Overhaul - 500' free haul	100	c.y. sta.	1287295	.0125	16,091	
	Protection of Roadway -						
	Riprap - hand placed	100	cu. yd.	202	3.00	606	
	Sundry items	100				511	
Total for Valuation Section		100				252,578	252,578

Account 6 - BRIDGES TRETTLES AND CULVERTS

Approved - F.B. Scheetz

Pile and Frame Trestles -

Twenty-six (26) timber trestles; total length 2564'

Piling	95	lin. ft.	22810	.66	15,055	14,302
Stringers	90	M.B.M.	207,400	43.40	9,001	8,101
Other timber	90	"	80,800	41.75	3,369	3,032
Iron	90	lb.	50050	.04	2,002	1,802
Galv. iron	90	"	35800	.05	1,840	1,656
Riprap - loose	90	cu. yd.	177	3.90	690	621
" hand placed	90	"	741	3.00	2,223	2,001
Sundry items	90				57	51
Total Pile and Frame Trestles	92				34,237	31,556

Pipe and Timber Culverts

5 Galvanized iron pipe drainage culverts - 12"

13 " " " " " 18"	95	lin. ft.	148	1.00	148	141
55 " " " " " 24"	95	"	482	1.35	651	618
4 " " " " " 30"	95	"	2374	2.45	5,816	5,525
22 " " " " " 36"	95	"	183	2.95	540	513
10 cast iron " " " 24" - 36"	95	"	1683	3.50	5,890	5,596
Dry masonry end walls	100	net ton	136,337	46.25	6,306	6,306
Markers for culverts	100	cu. yd.	780	4.75	3,705	3,705
	100	each	113	.42	47	47
Total Pipe and Timber Culverts	97				23,103	22,451

Total for Valuation Section

94

57,340

54,017

Account 8 - Ties

Approved - Louis Hood

Main Track

Cross ties #1 cedar	60	each	54,363	.72	39,141	
" #2 "	60	"	30544	.69	21,144	
" #1 tamarack	60	"	36852	.72	26,533	
" #2 "	60	"	20771	.67	13,917	
" #1 pine	60	"	202	.72	145	
Bridge ties	60	M.B.M.	115,592	25.64	2,989	
Switch ties - treated	60	"	1,970	29.43	58	
" "	60	"	49,942	25.39	1,268	
Total Main Track	60				105,195	63,117

Yard Tracks and Sidings

Cross ties #1 cedar	60	each	2953	.72	2,126	
" #2 "	60	"	1665	.69	1,149	
" #1 tamarack	60	"	2351	.72	1,693	
" #2 "	60	"	1326	.67	888	
Bridge ties	60	M.B.M.	2,965	25.64	76	
Switch ties	60	"	5,768	25.39	146	
Total Yard Tracks and Sidings	60				6,078	3,647

Total for Valuation Section

60

111,273

66,764

Revised page prepared by direction
of the Commission Jan. 3, 1928

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INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION

Great Northern Railway Company

Sheet No. _____ of this valuation section.

Section No. No. Dak. 26 Miles Main Line, _____ Miles all Tracks, _____Approved: C. H. Spencer

TION

CHARACTER OF PROPERTY AND DESCRIPTION.				Where but a single percentage is stated it represents both per cents.		Qualities Per Cent.	Per Cent at Cost New.	UNIT	NUMBER OF UNITS.	COST OF REPRODUCTION.		
						(1)	(2)	(3)	Per Unit, (4)	New, Total, (5)	Less Depreciation, (6)	
Acct. No.	9	Title	RAILS	(L. C. C. classification.)					\$	\$	\$	
Main Track - 50.761 miles												
		New 90 $\frac{1}{2}$ open hearth rail	1908-1909	0.018 trk.mi.	89	97	g.t.	2.532	35.70	90	87	
		Relay 75 $\frac{1}{2}$ Bessemer "	1889-1909	.012 "	92	95	"	1.339	25.50	34	32	
		" 68 $\frac{1}{2}$ " "	1889-1892	.012 "	92	95	"	1.214	25.50	31	29	
		" 60 $\frac{1}{2}$ " "	1879-1906	43.175 "	92	95	"	4070.741	25.50	103,804	98,614	
		" 58.5 $\frac{1}{2}$ " "	1886-1887	5.514 "	92	95	"	506.913	25.50	12,926	12,280	
		" 56 $\frac{1}{2}$ " "	1879-1890	2.001 "	92	95	"	176.142	25.50	4,492	4,267	
		Total Main Track			95					121,377	115,309	
Yard Tracks and Sidings - 3.326 miles												
		Relay 60-56 $\frac{1}{2}$ Bessemer Rail - 1879-1906		3.242 trk.mi.	92	95	g.t.	301.424	25.50	7,686	7,302	
		Total Yard Tracks and Sidings			95					7,686	7,302	
		Total for Valuation Section			95					129,063	122,611	

Account 10 - OTHER TRACK MATERIAL

Main Track -											
Relay 60# angle bars	1879-1906	92	94	cwt.	6780.13	1.70	11,526	10,789			
Spikes 9/16" x 5-1/2"		60		"	3533.98	1.95	6,891	4,135			
Bolts 3/4" x 3-3/8" to 1" x 4-5/8"		92	93	"	731.17	2.55	1,865	1,735			
Spring frogs 90# - #11 - 16.5' steel		75	78	each	1	63.85	64	50			
Rigid frogs - 60# x #9 - 15' steel		75	77	"	17	44.90	763	589			
Split switches 90# - 16.5' steel		75	77	"	1	55.75	56	43			
" " 60# - 15' "		75	77	"	17	44.90	763	591			
High switch stands		90	91	"	18		198	180			
Switch guard rail		93	93	cwt.	186.76	3.95	738	691			
Sundry items		83	84				89	75			
Total Main Track			82				22,953	18,878			
Yard Tracks and Sidings -											
Relay 60# angle bars	1879-1906	92	94	cwt.	439.26	1.70	747	699			
Spikes - 9/16" x 5-1/2"		60		"	229.38	1.95	447	268			
Bolts 3/4" x 3-3/8"		92	93	"	43.19	2.55	110	102			
Rigid frogs - 60# x #9 - 15' steel		75	77	each	2	44.90	90	69			
Split switches - 60# - 15' steel		75	78	"	2	44.90	90	70			
Low switch stands		90	89	"	2		19	17			
Switch guard rail		93	93	cwt.	20.42	3.95	81	75			
Sundry items		84	89				35	31			
Total Yard Tracks and Sidings			82				1,619	1,331			
Total for Valuation Section			82				24,572	20,209			

Account 11 - BALLAST

Main Track -											
Gravel ballast from M.P. 38	ave. haul	4.0	miles	85	cu. yd.	2666	.28	746	634		
"	"	"	Palermo	"	14.0	"	85	1036	.35	363	309
Cinder	"	"	"	"	4.0	"	50	7461	.25	1,865	933
Total Main Track				63				2,974	1,876		
Total for Valuation Section				63				2,974	1,876		

Account 12 - TRACKLAYING AND SURFACING

Main Track -				
Tracklaying and initial surfacing 90# to 61# rail	Mile	.042	1000.00	42
" " " " 60-56# "	"	50.719	950.00	48,183
Extra for full earth surface	"	43.366	100.00	4,337
Placing gravel ballast	cu.yd.	3630	.25	908
" cinder "	"	7461	.20	1,492
Yard Tracks and Sidings				
Tracklaying and initial surfacing 60-56# rail	Mile	3.326	850.00	2,827
Placing gravel ballast	cu.yd.	72	.25	18
All Tracks -				
Placing turnouts 90-61# with stands	each	1	36.50	36

Revised page prepared by direction
of the Commission Jan. 3, 1928

INTERSTATE COMMERCE COMMISSION BUREAU OF VALUATION

Owner Great Northern Railway Company

Sheet No. _____ of this valuation section.

Val. Section No. No. Dak. 26

Miles Main Line, _____ Miles all Tracks, *

Approved: C. H. Spencer

12-900

LOCATION (1)	CHARACTER OF PROPERTY AND DESCRIPTION. (2)	Condition Per Cent. (3)	UNIT (4)	NUMBER OF UNITS (5)	COST OF REPRODUCTION		
					Per Unit. (6)	New Total. (7)	Less Depreciation. (8)
Acct. No. <u>12</u>	Title <u>TRACKLAYING AND SURFACING (contd)</u> (I. C. C. classification.)				\$	\$	\$
All Tracks (contd)							
	Placing turnouts 60# with stands		each	19	33.75	641	
	" and framing bridge ties		M.B.M.	119.557	11.00	1,315	
	Sundry items					7	
Total for Valuation Section		79				59,806	47,247

Account 13 - RIGHT OF WAY FENCES

All Tracks - 10.167 miles fence							
	Cedar posts - 7-1/2"	80	each	3445	.23	792	634
	Labor setting posts	80	"	3445	.10	344	275
	Barbed wire	80	wt.	196.65	2.85	560	448
	Labor stringing barbed wire - posts spaced over 12"	80	mi. mi.	42.721	3.85	164	131
	Wire stays	80	each	9598	.03	288	230
	Cattle guards - wood surface	80	"	10	11.50	115	92
	Sundry items	80				97	77
Total for Valuation Section		80				2,360	1,887

Account 14 - SNOW AND SAND FENCES AND SNOWSHEDS

All Tracks -							
	1987 panels portable snow fence	50	M.B.M.	205.781	35.00	7,202	3,601
	Pine	50	lb.	5564	0.05	278	139
	Iron						
Total for Valuation Section		50				7,480	3,740

Account 15 - CROSSINGS AND SIGNS

117 Grade Crossings -							
	Common embankment borrow	100	cu. yd.	14037	.185	2,597	2,597
	Planking	50	M.B.M.	20,946	34.50	723	362
	12" corr. iron pipe drainage culverts	87	lin. ft.	373	1.00	373	325
	16" " " " " "	87	"	1184	1.35	1,598	1,390
	Hand placed riprap	300	cu. yd.	136	3.00	408	408
	Sundry items	82				338	276
	Total Grade Crossings	89				6,037	5,358
Signs							
	Mile markers and other signs	75	each	306		606	456
	Total Signs	75				606	456
Total for Valuation Section		88				6,643	5,814

Revised page prepared by direction
of the Commission Jan. 3, 1928

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INTERSTATE COMMERCE COMMISSION

BUREAU OF VALUATION

Owner Great Northern Railway Company

Sheet No. _____ of this valuation section.

Val. Section No. 26 No. Dak. Miles Main Line, _____ Miles all Tracks, _____Approved: F. T. Oakley
Senior Structural EngineerLOCATION _____ 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
(4)	(2)	(3)	(4)	(5)	(6)
			\$	\$	\$
<u>Wassail</u>					
Station sign; cinder platform, 600 sq.ft.; loading platform, earth filled, 1680 sq.ft.	80			198	159
Total - Wassail	80			198	159
<u>Lostwood</u>					
Depot - box car body; cinder platform, 600 sq.ft.; loading platform, earth filled, 1680 sq.ft.; station sign	74			502	372
Total - Lostwood	74			502	372
<u>Lund's Valley</u>					
Depot - box car body; gravel platform, 600 sq.ft.; loading platform, earth filled, 1680 sq.ft.; station sign; total, with contents of depot	79			334	263
Total - Lund's Valley	79			334	263
<u>Power's Lake</u>					
Depot - one story, frame; 30' x 60'; stone foundation; wood platform, 2060 sq.ft.; cinder platform, 2400 sq.ft.; loading platform, earth filled; 1960 sq.ft.; outhouse, 6' x 6'; total, with contents of depot	90			3,042	2,737
Stock yard, 48' x 48'	90	each	1	308	277
Total - Power's Lake	90			3,350	3,014
<u>Battle View</u>					
Depot, box car body; gravel platform, 600 sq.ft.; loading platform, earth filled, 1680 sq.ft.; station sign; total, with contents of depot	80			575	460
Total - Battle View	80			575	460
<u>McGregor</u>					
Depot, one-story, frame; 12' x 34'; wood foundation; freight house - box car body; cinder platform, 1200 sq.ft.; loading platform; earth filled, 1960 sq.ft.; station sign; outhouse 6' x 6'; total, with contents of depot	80			1,342	1,072
Total - McGregor	80			1,342	1,072
<u>Hamlet</u>					
Depot, box car body, gravel platform, 600 sq.ft.; loading platform; earth filled; 1680 sq.ft.; station sign; total, with contents of depot	76			736	559
Total - Hamlet	76			736	559
<u>Wildrose</u>					
Depot, one story frame; 30' x 60'; stone foundation; wood platform, 2060 sq.ft.; cinder platform, 2400 sq.ft.; loading platform, earth filled, 3640 sq.ft.; outhouse, 6' x 6'; portable stock chute; total, with contents of depot	83			3,228	2,666
Total - Wildrose	83			3,228	2,666
Total for Valuation Section	83			10,265	8,565

INTERSTATE COMMERCE COMMISSION BUREAU OF VALUATION

Owner Great Northern Railway CompanyVal. Section No. 26 N. Dak. Miles Main Line, _____ Miles all Tracks, _____

Sheet No. _____ of this valuation section.

Approved: F. T. Oakley
Senior Structural Engineer

LOCATION

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

(1)	CHARACTER OF PROPERTY AND DESCRIPTION.	Depreciation Per Cent.	Per Cent at Cost New.	UNIT.	NUMBER OF UNITS.	COST OF REPRODUCTION.		
						Per Unit. (4)	New, Total. (5)	Less Depreciation. (6)
	Acct. No. <u>17</u> Title <u>ROADWAY BUILDINGS</u> (I. C. U. classification.)					\$	\$	\$
<u>Stanley</u>								
	Section house, one-story, frame; 22' x 24'; wood foundation; bunk house, box car body; tool house, 8' x 12'; two outhouses 4' x 6'	90					880	792
	Total - Stanley		90				880	792
<u>Lostwood</u>								
	Section house, one story, frame; 22' x 24'; concrete foundation; bunk house, box car body; tool house; 8' x 12'; two outhouses, 4' x 6'	90					874	786
	Total - Lostwood		90				874	786
<u>Powers Lake</u>								
	Section house, double, one-story, frame; 24' x 44'; stone foundation; bunk houses; two box car bodies; two tool houses, 8' x 12'; two outhouses, 6' x 6'	84					1,722	1,450
	Total - Powers Lake		84				1,722	1,450
<u>McGregor</u>								
	Section house, one-story, frame; 22' x 24'; concrete foundation; bunk house, box car body; two steel houses 8' x 12' - two outhouses, 4' x 6'	83					976	812
	Total - McGregor		83				976	812
<u>Wildrose</u>								
	Section house, one story, frame; 22' x 24'; concrete foundation; bunk house, box car body; tool house, 8' x 12'; 2 outhouses 4' x 6'	80					895	716
	Total - Wildrose		80				895	716
	Total for Valuation Section		85				5,347	4,556

Account 18 - WATER STATIONS

Power Lake

Tank, wood, tub; 24' x 16'; elevated 16' on wood frame; frost chamber; stone foundation; pump house, frame, 12' x 14'; dug well, 11' x 22' x 26' deep; gas engine, 8 h.p.; windmill pump 6" x 18"; gasoline cellar; total, with piping and contents of pump house

Total - Power Lake

81

81

3,439

2,772

3,439

2,772

Wildrose

Tank, wood tub, 24' x 16'; elevated 16' on wood frame; frost chamber, stone foundation; pump house, frame, 12' x 14'; dug well, 11' x 22' x 20' deep; gas engine and pump; 8 h.p.; pipe line 200' long; gasoline cellar, total, with contents of pump house

Total - Wildrose

79

79

3,344

2,654

3,344

2,654

Total for Valuation Section

80

6,783

5,426

Form No. 561

**INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION**

Great Northern Railway Company

Sheet No. _____ of this valuation section.

Section No. 25-N.Dak. Miles Main Line, _____ Miles all Trackage.*Approved: F.T.O. Kley
Senior Structural Engineer^{REG.}

TITLON		Where but a single percentage is stated it represents both per cents.		UNIT		NUMBER OF UNITS		COST OF REPRODUCTION		
CHARACTER OF PROPERTY AND DESCRIPTION.		Condition Per Cent.	Per Cent. at Cost Now.	(2)	(3)	(4)	(5)	Per Unit.	New, Total.	Less Depreciation.
Acci. No.	Title							\$	\$	\$
<u>19</u>	<u>FUEL STATIONS</u> (I. C. C. classification.)									
<u>Wildrose</u>										
	Coaling platform, 12' x 32'; elevated 6'	80							101	81
	Total - Wildrose		80						101	81
	Total for Valuation Section		80						101	81
Account 20 - SHOPS AND ENGINE HOUSES										
<u>Wildrose</u>										
	Turntable, steel, 66'; deckplate girders; wood foundation; scrap 50,000¢ at .2¢ = 100.00	90		each	1				2,974	2,687
	Total - Wildrose		90						2,974	2,687
	Total for Valuation Section		90						2,974	2,687
Account 37 - ROADWAY MACHINES										
	Hand cars									
	8 men capacity	70	70	each	3	27.15			81	57
	Push cars									
	5000¢ capacity	60	60	"	5	20.07			100	60
	Total for Valuation Section		65						181	117
Account 38 - ROADWAY SMALL TOOLS										
	Tools for six section gangs	55		lot	5	58			348	191
	Total for Valuation Section		55						348	191