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B. V. Form No. 563
Great Northern Railway Company
 Owner **do**
 Operating Company **do**
 Division **South Dakota**
 State **S. Dakota**
 Valuation Section No. **M.P. 122.775** to **M.P. 149.925**
 From **27.319** to **36.349**
 Miles Main Line, Miles all Tracks.

INTERSTATE COMMERCE COMMISSION
 BUREAU OF VALUATION

SUMMARY SHEET

WHOLLY OWNED AND USED

Date of Inventory as of **June 30**, 19**22**
 Date Compiled **Feb. 16**, 19**22**
 Compiled by **RAP**
 Current **Lyric Shal**
 Approved **Carl B. ...**
 Engineer.

R. and E. Account Number (1)	CLASSES (2)	ORIGINAL COST TO DATE (3)	(4)	COST OF REPRODUCTION		R. and E. Account Number (6)	REMARKS (7)
				New	Less Depreciation		
	I. ROAD:	\$	\$				
1	Engineering,			55,894	35,894	1	
2	Land for transportation purposes,					2	
3	Grading,			227,106	227,046	3	
4	Underground power tubes,					4	
5	Tunnels and subways,					5	
6	Bridges, trestles, and culvert,			252,457	204,267	6	
7	Elevated structures,					7	
8	Ties,			86,402	47,521	8	
9	Rails,			97,895	84,466	9	
10	Other track material,			36,927	27,032	10	
11	Ballast,			18,084	15,859	11	
12	Track laying and surfacing,			52,064	37,486	12	
13	Right-of-way fences,			7,328	3,665	13	
14	Snow and sand fences and snow sheds,			1,584	900	14	
15	Crossings and signs,			25,785	18,766	15	
16	Station and office buildings,			45,552	35,486	16	
17	Roadway buildings,			3,970	2,121	17	
18	Water stations,			11,400	5,741	18	
19	Fuel stations,			3,746	3,172	19	
20	Shops and engine houses,			18,912	10,592	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,			4,230	3,403	27	
28	Power dams, canals, and pipe lines,					28	
29	Power plant buildings,					29	
30	Power sub-station 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,			645	422	35	
36	Paving,					36	
37	Roadway machines,			1,505	973	37	
38	Roadway small tools,			426	213	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,			1,734	1,069	44	
45	Power plant machinery,					45	
46	Power substation apparatus,					46	
47	Unapplied construction material and supplies,					47	
	Total, 1 to 47, inclusive			933,256	764,092		
	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
 the Commission Jan. 3, 1928

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H. V. Form No. 561

INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION

Great Northern Railway Company

Sheet No. _____ of this valuation section.

Val. Section No. S. Dak. 4

Miles Main Line. Miles all Tracks.

Approved: C. H. Spencer

LOCATION

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

COST OF REPRODUCTION

CHARACTER OR PROPERTY AND DESCRIPTION

CHARACTER OF PROJECT AND DESCRIPTION		Cons. Yrs.	Per. to Be	UNITS	Per Unit.	New, Total.	Less Depreciation.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Acct. No.	Title						
(1, 2, 3, 4, 5, 6, 7, 8)							
M.P. 122.775 to M.P. 149.925 - Jasper to Sioux Falls							
All Tracks:							
	Clearing	100	Acres	6.0	27.00	162	162
	Grubbing	100	"	6.0	170.00	1,020	1,020
	Excavation, common	100	Cu.yd.	407747	0.185	75,433	75,433
	" loose rock	100	"	2227	0.43	958	958
	" solid "	100	"	23646	1.13	26,720	26,720
	Embankment borrow, common	100	"	496862	0.185	91,919	91,919
	Team overhaul 500' free haul	100	Cu.Yd.Stn.	1140910	0.0125	14,261	14,261
	Train haul	100	Cu.yd.	49150		9,155	9,155
	Subsidence	100	"	2251	0.21	473	473
	Additional right-of-way	100	Acres	4.48	170.00	762	762
Protection of Roadway:							
	Riprap, loose	100	Cu.yd.	1056	1.50	1,584	1,584
	" hand placed	100	"	1997	2.25	4,493	4,493
	Dry rubble masonry	75	"	22	4.65	102	74
	Old ties	50	M B M	5.300	12.00	64	32
Total for Valuation Section		100				227,106	227,046

Approved: P. B. Scheetz

Aggt. 6 - BRIDGES TRESTLES AND CULVERTS

Steel and Combination Bridges:

Bridge 203 - Single track length 173' built 1902

Substructure: Masonry piers, dim stone	85		Cu. yd.	147	12.90	1,896	1,612
" sq. stone	85		"	329	9.05	2,977	2,530
" bridge seats	85		"	6	27.00	162	136
Riprap, loose	85		"	300	1.50	450	383
" hand placed	85		"	670	2.25	1,508	1,282
Superstructure:							
One steel pony truss span 120' long	85	86	Lb.	206870	0.045	8,895	7,650
" thru plate girder span 50' long	85	87	"	53060	0.039	2,069	1,800
Sundry items	59					835	493
Total		85				18,792	15,888

Bridge 204 - Single track length 171' built 1902

Spine structure:

Two masonry piers and abutments and one pile and frame pier;

Masonry bridge seats	80	Cu.yd.	2	27.00	54	45
" sq. stone	80	"	341	9.05	3,086	2,469
" dim. stone	80	"	58	12.90	490	592
Piling	80	Lin.ft.	340	0.65	221	177
Timber	55	M B M	2800	39.50	111	72
Iron	55	Lb.	1240	0.04	50	28
Excavation, cofferdam	55				396	218

Superstructure:

Four steel deck plate girder spans 3/30 and 1/80' long

Steel bents	85	87	"	30100	0.037	1,114	969
Sundry items	77					115	69

Total

Bridge 205 - Single track length 244' built 1902-14

Substructure:

Masonry piers and abutments on pile foundations

" bridge seats	90	Cu.yd.	8	27.00	216	194
" sq. stone	95	"	814	9.05	7,367	6,999
" dim stone	95	"	814	12.50	2,761	2,625
Concrete	95	"	627	9.05	5,674	5,590
Piling	95	Lin.ft.	560	0.66	364	346
" concrete	98	"	224	1.42	318	312
Steel reinforcing bars	98	Lb.	5257	0.033	173	170
Excavation, dry	95	Cu.yd.	1519	0.50	760	722
" below water	95	"	152	3.50	532	505
" cofferdam	95	"			1,212	1,151

Superstructure:

Three steel deck plate girder spans, 82' long	98	98	Lb.	266650	0.037	9.656	9.659
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B. V. Form No. 501

INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATIONOwner Great Northern Railway Company

Sheet No. _____ of this valuation section.

Val. Section No. S. Dak. 4

Miles Main Line, _____ Miles all Tracks, *

Approved: F. B. Scheetz

LOCATION.

Where but a single percentage is cited 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)	(5)	(6)	(7)	(8)	(9)
Acct. No. <u>6</u>	Title <u>BRIDGES TRETTLES AND CULVERTS CONT'D.</u>				
	(L. U. C. classification.)				
<u>Bridge 205 - Single track, length 244' built 1902-14 Cont'd.</u>					
Superstructure: Cont'd.					
Sundry items					
		96		997	947
Total					
		96		50,210	28,998
<u>Bridge 207 - Single track, length 164' built 1902</u>					
Substructure:					
Masonry bridge seats					
	Cu. yd.	7	27.00	189	170
" piers, dim stone					
	"	234	12.90	3,019	2,717
" sq. " "					
	"	1159	9.05	10,489	9,440
Excavation, cofferdam					
		90		1,058	952
Superstructure:					
Two steel thru plate girder spans 82' long					
	Lb.	226930	0.039	8,850	7,700
Sundry items					
		69		1,149	795
Total					
		88		24,754	21,772
<u>Bridge 209 - Single track, length 273' built 1902</u>					
Substructure: Masonry piers and abutments					
Masonry bridge seats					
	Cu. yd.	14	27.00	378	321
" sq. stone					
	"	435	9.05	3,937	3,346
" dim "					
	"	467	12.90	6,024	5,120
Concrete					
	"	52	9.20	478	405
Riprap, hand placed					
	"	360	2.25	786	670
Excavation, cofferdam					
	"	85		277	235
Superstructure:					
One steel pony truss span 120' long					
	Lb.	207110	0.043	8,906	7,559
Three " deck plate girder spans 1/32 and 2/60' long					
	"	115420	0.037	4,271	3,716
Sundry items					
		62		841	597
Total					
		85		25,700	21,870
<u>Bridge 215 - Single track, length 120', built 1902</u>					
Substructure: Two masonry piers					
Masonry dim stone					
	Cu. yd.	160	12.90	2,064	1,754
" bridge seats					
	"	3	27.00	81	69
Concrete					
	"	106	9.05	959	815
Excavation, cofferdam					
	"	85		111	94
Superstructure:					
One steel thru pony truss span 120' long					
	Lb.	207260	0.043	8,912	7,554
Sundry items					
		50		526	265
Total					
		84		12,653	10,659
<u>Bridge 223 - Single track length 459', built 1886-1903</u>					
Substructure: Masonry piers					
Masonry					
	Cu. yd.	709	9.05	6,416	5,133
Timber					
	M B M	45,700	39.50	1,806	903
Excavation, cofferdam					
		80		2,350	1,864
Superstructure: Three Howe truss spans 146' long					
Timber S4S					
	"	255,700	75.00	19,178	13,425
Iron					
	Lb.	255650	0.032	8,181	5,727
Sundry items					
		70		959	671
Total					
		71		38,859	27,723
Total Steel and Combination Bridges					
		84		161,330	135,469
Concrete Slab Trestles					
<u>Bridge 222 - Single track length 49', built 1913</u>					
Substructure: Concrete piers and abutments on pile foundations					
Reinforced concrete					
	Cu. yd.	71	12.10	859	
Concrete piling					
	Lin. ft.	492	1.42	699	
Superstructure: Three concrete slab spans, 16' long					
Reinforced concrete					
	Cu. yd.	52	17.10	889	
Sundry items					
		98		44	
Total Concrete Slab Trestles					
		98		2,491	2,441

Revised page prepared by direction
of the Commission Jan. 5, 1928

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B. V. Form No. 561

INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATIONOwner **Great Northern Railway Company**

Sheet No. _____ of this valuation section.

Val. Section No. **S. Dak. 4**

Miles Main Line, _____ Miles all Tracks, _____

Approved: **F. B. Sheets**

LOCATION.

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

(1)	CHARACTER OF PROPERTY AND DESCRIPTION.	Condition Per Cent.	UNIT.	NUMBER OF UNITS.	COST OF REPRODUCTION.		
					Per Unit.	New, Total.	Less Depreciation.
			(2)	(3)	(4)	(5)	(6)
Acct. No. 6	Title BRIDGES TRESTLES AND CULVERTS CONT'D.				\$	\$	\$
	(I. C. C. Classification.)						
	Pile and Frame Trestles						
	14 Timber Trestles - total length 1164.5'						
	Piling	63	Lin. ft.	9466	0.65	6,153	
	Stringers	63	M B M	101.700	41.70	4,241	
	Other timber	63	"	79.100	39.50	3,124	
	Iron	63	Lb.	20220	0.04	809	
	Galvanized iron	63	"	13010	0.05	651	
	Sundry items	63				785	
	Total Pile and Frame Trestles			63		15,763	9,931
	Masonry Culverts						
	51 Masonry Culverts span 4' or less						
	Sandstone and granite masonry	74	Cu. yd.	3428	9.05	31,023	22,957
	Reinforcing rail	85	G. T.	12.857	33.75	460	396
	19 Masonry culverts, span 5' to 8'						
	Sandstone and granite masonry	82	Cu. yd.	2672	9.05	25,932	21,315
	Plain concrete	87	"	90	9.05	815	709
	Reinforcing rail	87	G. T.	47.200	35.75	1,687	1,468
	Excavation, common	83	Cu. yd.	1027	0.50	513	416
	" loose rock	79	"	799	0.75	599	473
	" solid "	86	"	226	1.50	339	292
	Loose riprap	78	"	252	1.50	378	296
	Paving, grouted	88	Sq. yd.	89	12.20	1,086	956
	" dry	76	"	1414.5	1.35	1,909	1,454
	Sundry items	76				218	165
	Total Masonry Culverts			78		65,019	50,695
	Pipe and Timber Culverts						
	18 Wood Box Culverts						
	20 Cast Iron Pipe Drainage Culverts 12" to 48"						
	Concrete "	42	M B M	27.152	45.75	1,242	582
	Vitrified "	87	WT.	87.86	35.25	3,105	2,271
	" "	100	Lin. ft.	153	7.30	1,102	1,102
	" "	40	"	759	1.30	987	395
	" "	40	"	70	2.25	158	63
	" "	40	"	89	3.00	267	107
	Hand placed riprap	40	Cu. yd.	128	2.25	288	115
	Cobble Paving	90	Sq. yd.	92	1.35	124	112
	Excavation, common	61	"	320	0.50	160	98
	Sundry items	72				341	246
	Total Pipe and Timber Culverts			70		7,854	5,531
	Total for Valuation Section			81		252,457	204,267

Acct. 8 - TIES

Approved: Louis Hood

Main Tracks:

Cross ties #1 tamarack, fir, treated
 " #1 cedar
 " #1 tamarack
 " #1 oak

Bridge ties, fir treated
 " "

Crossing " " "
 Switch " " "

Total Main Track

Yard Tracks and Sidings:

Cross ties #1 fir treated
 " #1 cedar
 " #2 "
 " #1 tamarack
 " #2 "
 " #1 oak

Bridge ties, fir
 Crossing " " treated
 Switch " " "
 " " oak

Total Yard Tracks and Sidings

Total for Valuation Section

55	Each	1933	.92	1,778	
55	"	75641	.72	54,462	
55	"	3792	.73	2,768	
55	"	407	.95	387	
55	M B M	28.224	32.14	907	
55	"	153.942	28.10	4,326	
55	"	6.727	32.14	216	
55	"	51.982	32.14	1,671	
55				66,515	56,585
55	Each	35	.92	32	
55	"	1642	.72	1,182	
55	"	18905	.69	13,045	
55	"	60	.73	44	
55	"	2763	.68	1,892	
55	"	105	.95	101	
55	M B M	2.560	28.10	72	
55	"	5.725	32.14	184	
55	"	100.907	32.14	3,243	
55	"	2.844	32.25	92	
55				19,887	10,938
55				86,402	47,521

Revised page prepared by dir- 19,887 10,938
 section of the Commission 86,402 47,521
 Jan. 3, 1928

B.V. Form No. 561

INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATIONOwner Great Northern Railway Company

Sheet No. _____ of this valuation section.

Val. Section No. S. Dak. 4

Miles Main Line, _____ Miles all Tracks, _____

Approved: C.H. Spencer

LOCATION.

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

(1)

CHARACTER OF PROPERTY AND DESCRIPTION.

Condition
Year Built

Per Cent
in Cost
New.

UNIT.

NUMBER OF
UNITS.

Per Unit.

New, Total.

Less Depreciation.

Acct. No. 9

Title RAILS

(I. C. C. classification.)

Main Track - 27.319 Miles

Track Miles

Relay 80# Bessemer Rail 1904-1908 4.604 100 100 G. T. 578.786 34.50 14,180 14,180

" 75# " 1887-1898 18.873 76 87 " 2284.350 24.50 54,496 47,412

" 60# " 1885-1890 3.141 78 88 " 296.143 24.50 7,256 6,385

" 55# " 1879-1886 0.701 78 88 " 61.700 24.50 1,512 1,331

Total Main Track 89 77,444 69,308

Yard Tracks and Sidings - 9.030 Miles

New 80#-66.5# Bessemer Rail 1904-1908 0.403 84 90 " 42.803 31.55 1,350 1,215

Relay 75# " 1887-1898 0.829 50 73 " 97.746 24.50 2,395 1,748

" 60#-50# " 1879-1890 7.537 50 73 " 681.883 24.50 16,706 12,195

Total Yard Tracks and Sidings 74 20,451 15,158

Total for Valuation Section 86 97,895 84,466

Acct. 10 - OTHER TRACK MATERIAL

Main Track:

Relay	75#-80# Angle bars 1887-1908	61	87	Cwt.	5192.38	1.40	7,269	6,332
"	55#-60# " 1879-1890	81	87	"	409.84	1.40	574	500
Spikes	9/16" x 5 1/2"	55		"	2080.55	1.85	3,849	2,117
Bolts	3/4" x 3 1/4"	61	85	"	497.54	2.40	1,194	1,010
Tie plates		81	86	"	5831.79	1.70	9,914	8,529
Spring frogs	75#-80# steel	50	57	Each	18		743	426
Split switch	75#-80# " 60#-15' "	50	56	"	17		709	409
Switch guard rail		50	56	"	1	40.95	41	23
High switch stands		67	71	Cwt.	195.06	3.65	712	503
Crossing frogs	75#-80# built up Steel	50	57	Each	18	10.10	182	103
"	60# " "	50	55	"	3		1,295	717
Sundry items		50	55	"	4		1,188	658
		68	75	"			594	447
Total Main Track			77				28,264	21,774

Yard Tracks and Sidings:

New	66.5#-80# Angle bars 1904-1908	52	65	Cwt.	46.93	1.75	82	53
Relay	66.5#-80# " 1887-1908	52	67	"	191.18	1.40	268	180
"	50#-60# " 1879-1890	52	67	"	926.34	1.40	1,297	874
Spikes	9/16" x 5 1/2"	56		"	717.47	1.85	1,327	730
Bolts	3/4" x 3 1/4"	52	61	"	139.28	2.40	334	204
Tie plates		52	64	"	59.26	1.70	101	65
Rail Braces		52	69	"	85.60	3.20	274	161
Spread rods		52	64	"	278.61	1.85	515	328
Rigid frogs	75# - 7-7' steel	50	56	Each	1	25.55	25	14
"	60# - 15' "	50	56	"	36		1,319	742
Split Switches	60# - 15' "	50	57	"	30	40.95	1,228	700
Stub	" 60# "	50	57	"	5	11.70	58	35
Switch guard rail		65	69	Cwt.	319.78	3.65	1,166	805
High Switch Stands		50	57	Each	15	10.10	151	86
Low	"	50	57	"	21		155	89
Sundry items		50	53	"			363	194
Total Yard Tracks and Sidings			61				8,563	5,258
Total for Valuation Section			75				36,827	27,032

Acct. 11 - BALLAST

Main Track:

Gravel ballast from Russel, average haul 49.8 miles	65	Qu. yd.	14947	.52	7,720	6,562
" " M.P. 143 " 3.9 "	85	"	3336	.27	901	766
" " Doon " 41.2 "	85	"	2057	.48	987	639
Cinder " Carretson " 14.7 "	50	"	10573	.32	3,383	1,692
Total Main Track			76		12,991	9,659

Yard Tracks and Sidings:

Gravel ballast from Russell, average haul 52.0 "	85	"	5061	.53	2,682	2,280
" " M.P. 143 " 4.5 "	85	"				1,249

Revised page 524 prepared by direct
of the Commission Jan. 3, 1928

B. V. Form No. 561

INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATIONOwner Great Northern Railway Company

Sheet No. _____ of this valuation section.

Val. Section No. S. Dak. 4

Miles Main Line, _____ Miles all Tracks, *

Approved: O.H. Spencer

LOCATION, _____

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

(1)	CHARACTER OF PROPERTY AND DESCRIPTION.	Condition Per Cent.	UNIT.	NUMBER OF UNITS.	COST OF REPRODUCTION.		
					Per Unit. (4)	New, Total. (5)	Less Depreciation, (6)
Acct. No. <u>11</u>	Title <u>BALLAST CONT'D.</u>				\$	\$	\$
	(I.C.C. classification.)						
	Yard Tracks and Sidings: Cont'd.						
	Cinder ballast from Garretson, average haul 13.2 Miles	50	Cu. yd.	3040	.31	942	471
	Total Yard Tracks and Sidings			79		5,093	4,000
	Total for Valuation Section			77		15,084	13,859

Acct. 12 - TRACKLAYING AND SURFACING

Main Track:

Tracklaying and initial surfacing 90# to 61# rail	Mile	23.477	1000.00	23,477	
" " " 60# "	"	3.842	950.00	3,650	
Extra for full earth surface	"	8.883	100.00	888	
Tracklaying 90# to 61# inner guard rail	"	0.032	595.00	19	
Placing gravel ballast	Cu. yd.	20240	.25	5,060	
" cinder "	"	10573	.20	2,115	

Yard Tracks and Sidings:

Tracklaying and initial surfacing 90# to 61# rail	Mile	1.295	850.00	1,101	
" " " 60# to 56# "	"	7.735	800.00	6,188	
Extra for full earth surface	"	5.079	100.00	508	
Tracklaying 60# to 56# inner guard rail	"	0.044	538.00	24	
Placing gravel ballast	Cu. yd.	10507	.25	2,627	
" cinder "	"	3040	.20	608	

All Tracks:

Placing turnouts 90# to 61# with stands	Each	19	35.00	665	
" " " 60# "	"	29	32.50	942	
" 90# to 61# crossing frogs	"	3	43.00	129	
" 60# " " "	"	4	38.50	154	
" tie plates	"	148449	.0135	2,004	
" and framing bridge ties	M B M	184.726	1.050	1,940	
Sundry items				215	

Total for Valuation Section

72

52,064 39,486

Acct. 13 - RIGHT OF WAY FENCES

Approved: H.J. Saunders

All Tracks - 33.750 Miles Fence

Cedar posts - 7'	50	Each	11053	0.21	2,323	1,162
" " 11'	50	"	319	0.58	185	92
Barbed wire	50	Cwt.	433.17	2.45	1,061	530
Woven "	50	"	119.91	2.40	288	144
Stays, twisted wire	50	Each	20851	0.03	626	313
Pir	50	M B M	11.016	23.25	256	128
Labor placing lumber	50	"	11.016	8.00	88	44
" setting posts	50	Each	11382	0.12	1,366	683
" stringing barbed wire- Posts spaced over 12'	50	Wire Mile	123.06	4.00	492	246
" " woven " " 12'	50	Fence "	3.289		76	38
Standard surface cattle guards	50	Each	32	11.00	352	176
" 16' wood gates	50	"	37	3.00	111	56
Sundry items	50				104	51

Total for Valuation Section

50

7,328 3,663

Acct. 14 - SNOW AND SAND FENCES AND SNOWSHEDS

All Tracks:

447 Panels Portable Snow Fence, fir	65	M B M	40.845	32.75	1,338	670
Iron	65	Lb.	921	0.05	46	30
Total for Valuation Section					1,384	700

65

1,384 700

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B. V. Form No. 501

INTERSTATE COMMERCE COMMISSION BUREAU OF VALUATION

Owner Great Northern Railway Company

Sheet No. _____ of this valuation section.

Val. Section No. S. Dak. 4 Miles Main Line, _____ Miles All Tracks, _____Approved: C. H. Spencer

LOCATION.

CHARACTER OF PROPERTY AND DESCRIPTION.

Condition
Per CentPer Cent
at Cost
New.

UNIT.

NUMBER OF
UNITS.

COST OF REPRODUCTION.

Per Unit.

New, Total.

Less Depreciation.

(1)

Acct. No. 15 Title CROSSINGS AND SIGNS

(I. C. C. Classification.)

Overgrade CrossingsOvergrade Bridge, 10th St., Sioux Falls:

32' wide, 264' long, 5 span, frame trestle, 72' and 10 steel girder spans, 192' built 1890 (Total length of bridge is 808', of which 264' is owned by Great Northern Railway Company, and remainder by Chicago, St. Paul, Minneapolis and Omaha Railroad, Chicago, Milwaukee & St. Paul Railway, and City of Sioux Falls. Quantities shown are for portion owned by Great Northern Railway Company)

Timber	80	M B M	70.700	34.80	2,460	1,968
Steel Spans	60	Lb.	36950	0.036	1,293	793
Concrete	60	Cu. yd.	70	8.20	574	344
Iron	80	Lb.	2000	0.04	80	64
Embankment	100	Cu. yd.	631	0.49	309	309
Sundry items	65				77	50
Total Great Northern portion	74				4,793	3,528

Overgrade Bridge Station 7780-46, Mile 147

24' wide 156' long - 10 span pile and frame bridge, built 1895 (est)

Timber	50	M B M	51.600	34.80	1,796	898
Piling	50	Lin. ft.	710	0.53	376	188
Iron	50	"	1650	0.04	66	33
Embankment	100	Cu. yd.	3487	0.49	1,709	1,709
Total	72				3,947	2,828

Total Overgrade Crossings3 Undergrade Crossings:

Common embankment borrow	100	"	409	0.185	76	76
Lumber	55	M B M	8.447	45.75	386	212
Sundry items	71				34	24
Total Undergrade Crossings	53				496	312

79 Grade Crossings:

Common embankment borrow	100	Cu. yd.	9563	0.185	1,769	1,769
" excavation	100	"	554	0.185	102	102
Planking	55	M B M	46.420	35.25	1,636	900
Granite paving	75	Sq. yd.	2916	3.50	10,206	7,450
Concrete "	75	"	963	1.08	1,040	759
Warning signs	55	Each	32	4.90	157	86
Wood box drainage culverts	55	M B M	11.844	45.75	542	298
18" vitrified pipe, drainage culverts	63	Lin. ft.	251	1.30	326	205
Sundry items	79				432	341
Total Grade Crossings	75				16,210	11,910

SIGNS:

189 Mile Markers and Other Signs	55	Each	189		324	179
Cobble paving	73	Sq. yd.	19	0.68	13	9
Total Signs	56				337	188
Total for Valuation Section	73				25,783	18,766

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B.V. Form No. 561

Great Northern Railway Company

INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION

Sheet No. _____ of this valuation section.

Approved: J.A. Calvin

Val. Section No. S. Dak. 4

Miles Main Line, _____ Miles all Tracks.*

LOCATION.	CHARACTER OF PROPERTY AND DESCRIPTION.	Condition 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. 16	Title STATION AND OFFICE BUILDINGS (I. O. C. Classification.)					\$	\$	\$
<u>Sherman, Mile 125.0</u>								
	Passenger and Freight Depot:						1,960	
	One story 24' x 60' frame built 1891	60		Each	1		280	
	Furniture	60					464	
	Platforms 2530 sq.ft. frame	60					230	
	Sundry items	60						
	Total		60				2,934	1,760
	Stockyards:						1,132	736
	66' x 152' built 1891	65		"	1		51	33
	Well at stockyards	65		"	1			
	Total		65				1,183	769
	Total Sherman		61				4,117	2,529
<u>Garretson, Mile 129.0</u>								
	Passenger and Freight Depot:						2,450	
	One story 24' x 40' two story 24' x 24' frame built 1888	50		"	1		449	
	Furniture	50					457	
	Platforms 2776 sq.ft. frame	50					269	
	" 3032 " cinders	50					255	
	Sundry items	50						
	Total		50				3,870	1,935
	Driveway		100				563	563
	Track Scales:						2,041	1,837
	50' - 80 ton, no scale house, built 1909	90		"	1			
	Oil House:						94	85
	One story 5' x 10' frame " 1910	90		"	1			
	Ice House:						635	572
	One story 24' x 24' " " 1911	90		"	1			
	Transfer Platform:						602	542
	18' x 300' frame built 1912	90		"	1		54	45
	Equipment	85						
	Total		90				656	588
	Stockyard:						1,315	395
	90' x 136' built 1891	30		"	1		59	18
	Well at Stockyards	30		"	1			
	Total		30				1,374	413
	Lunch Room Building:						1,792	
	One story 22' x 40' frame built 1900	70		"	1		1,380	
	Furniture	70						
	Total		70				3,172	2,220
	Total Garretson		66				12,405	8,213
<u>Carsch, Mile 136.0</u>								
	Passenger and Freight Depot:						2,098	1,594
	One story 30' x 60' frame built 1903	76		"	1		233	175
	Furniture	75					347	260
	Platforms 2064 sq.ft. frame	75					226	170
	" 1200 " cinders	75					83	62
	Sundry items	75						
	Total		76				2,987	2,261

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B. V. Form No. 561

INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION

Sheet No. _____ of this valuation section.

Owner Great Northern Railway CompanyApproved: J. A. GalvinVal. Section No. S. Dak. 4

Miles Main Line, _____ Miles all Tracks, _____

LOCATION.

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

CHARACTER OF PROPERTY AND DESCRIPTION.

(1)	CONDITION PER CENT	PER CENT AT COST NEW	UNIT	NUMBER OF UNITS	COST OF REPRODUCTION		
					Per Unit	New Total	Less Depreciation
(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
					\$	\$	\$
Acct. No. <u>16</u> Title <u>STATION AND OFFICE BUILDINGS CONT'D.</u>							
(U. S. C. Class (Location))							
<u>Carson, Mile 136.0 Cont'd.</u>							
Stockyards:							
48' x 104' built 1903	85		Each	1	848	721	
Well at stockyard	85		"	1	92	78	
Total	85				940	799	
Total Carson	78				3,927	3,060	
<u>Sioux Falls, Mile 146.0</u>							
Passenger Depot:							
One story 32' x 133' brick built 1906	90		"	1	15,499	15,969	
Furniture	85				1,048	891	
Platforms, 11,200 sq.ft. brick	90				2,612	2,351	
Grading at depot	100				247	247	
Outside piping	90				193	174	
Sundry items	90				86	77	
Total	90				19,685	17,709	
Freight Depot:							
One story 40' x 80' built 1903	70		"	1	2,340		
Furniture	70				625		
Platforms 4434 sq.ft. frame	70				781		
Total	70				3,746	2,622	
Parking at Depot	90				396	356	
Walks at Depot:							
4072 sq.ft. concrete	90				652	567	
1548 " frame	85				282	240	
Total	89				934	807	
Oil House:							
One story 8' x 8' frame built 1907	75		"	1	84	65	
Machinery Loading Platform:							
11' x 36' frame built	75		"	1	60	45	
Stockyards:							
48' x 56' built 1903	50		"	1	208	62	
Total Sioux Falls	86				25,115	21,684	
Total for Valuation Section	78				45,562	35,466	

Acct. 17 - ROADWAY BUILDINGS

Garretson, Mile 129.0

Lineman's House:							
One and one-half story 10' x 16' frame built 1890	65		Each	1	256	153	
Bunk House:							
Carbody 8' x 28' built 1900	65		"	1	253	164	
Tool House:							
8' x 12' frame built 1900	70		"	1	94	66	
Tool House:							
8' x 12' " " 1900	75		"	1	100	75	
Sundry items	65				105	68	
Total Garretson	67				788	526	

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all

B. V. Form No. 561

INTERSTATE COMMERCE COMMISSION BUREAU OF VALUATION

Owner Great Northern Railway Company

Sheet No. _____ of this valuation section.

Approved: J. A. GalvinVal. Section No. S. Dak. 4 Miles Main Line, _____ Miles all Tracks.*

LOCATION.	CHARACTER OF PROPERTY AND DESCRIPTION.	Condition Per Cent.	Per Cent of Cost to 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 CONT'D.</u> (I. C. C. Classification)					\$	\$	\$
<u>Carson, Mile 136.0</u>								
Section House:	One and one-half story 16' x 32', lean-to 6' x 14' frame, built 1892	54		Each	1		937	538
Bank House:	One story 12' x 34' frame built 1905	70		"	1		500	350
Tool House:	8' x 12' frame built 1902	50		"	1		99	50
Sundry items		40					47	19
Total Carson			52				1,643	957
<u>Sioux Falls, Mile 146.0</u>								
Section House:	One and one-half story 30' x 30' frame built 1888	40		"	1		1,370	548
Tool House:	8' x 12' frame built 1892	65		"	1		112	73
Sundry items		30					57	17
Total Sioux Falls			41				1,539	638
Total for Valuation Section			63				3,970	2,121

Approved: F. B. Scheetz

Acct. 18 - WATER STATIONS

Sherman, Mile 126.0

Tank:	24' dia. x 16' high, wood tub on wood tower, wood foundation, built in 1887	20		Each	1		1,564	313
Windmill	20' Eclipse on 45' tower built in 1887	20		"	1		451	90
Well	7'-6" oct. x 18", wood lined, Curtis #4 pump, built in 1887	25		"	1		592	98
Total Sherman			21				2,407	501

Garretson, Mile 128.0

Pump House	14.4' x 16.3' frame built 1902	70		"	1		320	224
Equipment		70					1,045	746
Total			71				1,365	970
Outside Piping and Wall:	1197' pipe, 2' x 48' stone wall, built in 1902	70					1,655	1,088
Coal Bin:	8' x 10' built in 1905	60		"	1		51	19
Gas Celler:	5' x 12' x 5' brick walls, 400 gal. tank, built 1901	80		"	1		162	146
Tank:	24' dia. x 16' high, wood tub on wood tower, stone foundation, built 1889	25		"	1		1,659	415

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B. V. Form No. 561

INTERSTATE COMMERCE COMMISSION BUREAU OF VALUATION

Sheet No. _____ of this valuation section.

Owner Great Northern Railway CompanyApproved: F.T. OakleyVal. Section No. S. Dak. 4

Miles Main Line, _____ Miles all Tracks, *

LOCATION.	CHARACTER OF PROPERTY AND DESCRIPTION.	Condition Per Cent.	UNIT.	NUMBER OF UNITS.	COST OF REPRODUCTION.		
					Per Unit. (4)	New, Total. (5)	Less Depreciation. (6)
(1)		(2)	(3)	(4)	\$	\$	\$
Acct. No. <u>18</u>	Title <u>WATER STATIONS CONT'D.</u>						
	(I. C. C. classification)						
<u>Garretson, Mile 128.0</u>							
Tank:							
	24' dia. x 16' high, wood tub on wood tower, stone foundation, built in 1910	90	Each	1		1,663	1,497
		64				6,455	4,135
	Total Garretson						
<u>Sioux Falls, Mile 147.0</u>							
Tank:							
	24' dia. x 16' high wood tub on wood tower, stone foundation, built in 1889	40	"	1		1,638	655
Outside Piping:							
	360 lin.ft.	50				900	450
		44				2,538	1,105
	Total Sioux Falls					11,400	5,741
	Total for Valuation Section	50					

Acct. 19 - FUEL STATIONS

Garretson, Mile 128.0

Coal Platform:							
	22' x 32' frame with derrick and buckets, built in 1911	65	Each	1		796	517
Coal Loading Crane							
	Clem shell crane, mounted on Car No. 62688, equipped with boiler, two cylinder winch, slewing device, self-propelling engine, air pump and brakes, dynamo and headlight, built in 1912	90	"	1		2,950	2,655
		85				3,746	3,172
	Total Garretson					3,746	3,172
	Total for Valuation Section	85					

Acct. 20 - SHOPS AND ENGINE HOUSES

Garretson, Mile 128.0

Roundhouses:							
	7 stalls, frame, two are 72' long, five are 66' long, built 1901	50	Each	1		13,597	6,799
	Furniture	50				932	466
	Sewer system	80				199	159
	Total	50				14,728	7,424
Turntable:							
	56' deck girder, timber pit, hand operated, built 1900	75	"	1		2,418	1,820
Ginder Pit:							
	4' x 23', masonry, built 1901	45	"	1		151	68
Car Repair Shop:							
	12' x 14' frame built 1900	80	"	1		288	230
	Furniture	80				66	53
	Total	80				354	283
Foreman's Office:							
	12' x 34' frame built 1907	85	"	1		504	425

B. V. Form No. 561

INTERSTATE COMMERCE COMMISSION BUREAU OF VALUATION

Sheet No. _____ of this valuation section.

Owner Great Northern Railway CompanyApproved: F. T. OakleyVal. Section No. S. Dak. 4

Miles Main Line, _____ Miles all Tracks, *

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

Acct. No. 20 Title SHOPS AND ENGINE HOUSES CONT'D.
 (I. C. Classification)

Garretson, Mile 129.0 (Cont'd.)

Foreman's Office " Furniture

85

142

121

Total

85

545

549

Storehouse:
10' x 14' frame, built 1905

75

Each

1

128

96

Sundry items

75

216

162

Total Garretson

56

18,541

10,402

Sioux Falls, Mile 146.0Car Repair Office:
10' x 14' frame built 1895

70

"

1

271

190

Total Sioux Falls

70

271

190

Total for Valuation Section

56

18,912

10,592

Acct. 27 - SIGNALS AND INTERLOCKERS

Mechanical Interlocking Plant:

At Sioux Falls, protecting crossing C. St. P.M. & O. Ry.
 and G. N. Ry. 13 working levers, installed 1900
 100% owned by G.N.Ry. (Jointly Used)
 Interlocking
 Tower Building
 Supply House and Contents
 Sundry items

80

3,165

2,532

80

621

497

80

215

172

80

12

10

Total

80

4,013

3,211

Steel Semaphore Train Order Signal
 At Sioux Falls

90

Each

1

183

165

Swift Train Order Signals
 At Garretson and Corson

80

"

2

17.00

34

27

Total for Valuation Section

80

4,250

3,403

Acct. 35 - MISCELLANEOUS STRUCTURES

Sioux Falls, Mile 146.0Bunk House:
Carbody 8' x 34' installed 1900

40

Each

1

281

112

Total Sioux Falls

40

281

112

Garretson, Mile 129.0Bunk House:
One story, frame 11' x 18', built 1907

85

"

1

365

310

Total Garretson

85

365

310

Total for Valuation Section

85

546

422

all

B.V. Form No. 561

INTERSTATE COMMERCE COMMISSION BUREAU OF VALUATION

Owner Great Northern Railway Company

Sheet No. _____ of this valuation section.

Val. Section No. S. Dak. 4

Miles Main Line, _____ Miles all Tracks, *

Approved: C.H. Kessler

LOCATION.	CHARACTER OF PROPERTY AND DESCRIPTION.		Where but a single percentage is stated it represents both per cents.		UNIT.	NUMBER OF UNITS.	COST OF REPRODUCTION.		
(1)	(2)	(3)	Condition Per Cent.	Per Cent. New.	(4)	(5)	Per Unit.	New, Total.	Less Depreciation.
							(6)	(7)	(8)
							\$	\$	\$
Acct. No. 37 ROADWAY MACHINES									
(I. C. C. classification.)									
Hand Cars:			70	70	Each	9	26.71	240	168
8 men capacity			70	70	"	3	43.01	129	90
12 "									
Total Hand Cars				70				369	258
Push Cars:			60	60	"	7	19.60	137	82
5000# capacity									
Velocipedes:			70	70	"	5	26.59	133	93
#1 Sheffield									
Motor Cars:			80	80	"	1	207.23	207	166
#28 "									
Gravel Plows:			80	82	"	1	458.75	459	374
#0-41 Center plow, built by Great Northern Ry. Co.									
Total for Valuation Section				75				1,305	973
Acct. 38 - ROADWAY SMALL TOOLS									
Section Sets			50		Set	4	106.40	426	213
Total for Valuation Section				50				426	213
Acct. 44 - SHOP MACHINERY									
<u>Garretson</u>									
Engine House:									
Boiler, vertical 46" x 6'-6", 25 H.P., Clark 1907			60	60	Each	1	291.00	291	175
including stack									
Air Pump No. 1, New York 1907			70	70	"	2	69.00	138	97
Drill Press, post type No. 7, hand power, Kennedy-Otto 1912			75	75	"	1	20.00	20	15
Forge 40" diameter, built by Great Northern Ry. Co. 1909			60	60	"	1	17.00	17	10
Tools and devices, hand and portable, miscellaneous lot			60	61				972	592
Total Engine House				62				1,438	869
Freight Car Repair Track:									
Tools and devices, hand and portable, miscellaneous lot			60	61				132	80
Total Garretson				62				1,570	969
<u>Sioux Falls:</u>									
Freight Car Repair Track:									
Tools and devices, hand and portable, miscellaneous lot			60	61				164	100
Total Sioux Falls				61				164	100
Total for Valuation Section				62				1,734	1,069