

B. V. Form No. 563

Owner **Great Northern Railway Company**

Operating Company **Do**

Division **State Minnesota**

Valuation Section No. **Minn. 32**

From **M.P. 0.00** to **M.P. 2.593**

2.593 Miles Main Line, **4.156** Miles all Tracks.

INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION

SUMMARY SHEET
WHOLLY OWNED AND USED

Date of Inventory as of **June 30**, 19**15**

Date Compiled **February 15**, 19**22**

Compiled by **C. A. K. - R. G. P.**

Correct **Louis Hook** Engineer.

Approved **C. B. Hart** Engineer.

R. and E. Account Number (1)	CLASSES (2)	ORIGINAL COST TO DATE (3)		COST OF REPRODUCTION (4)		R. and E. Account Number (6)	REMARKS (7)
				New.	Less Depreciation.		
I. Fixtures:							
1	Engineering,			2,600	2,600	1	
2	Land for transportation purposes,					2	
3	Grading,			31,330	31,330	3	
4	Underground power tubes,					4	
5	Tunnels and subways,					5	
6	Bridges, trestles, and culverts,			5,027	2,452	6	
7	Elevated structures,					7	
8	Ties,			7,420	3,711	8	
9	Rails,			11,283	9,677	9	
10	Other track material,			4,093	2,696	10	
11	Ballast,			2,275	1,934	11	
12	Track laying and surfacing,			5,576	5,671	12	
13	Right-of-way fences,			87	45	13	
14	Snow and sand fences and snow sheds,					14	
15	Crossings and signs,			102	85	15	
16	Station and office buildings,					16	
17	Roadway buildings,					17	
18	Water stations,					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,					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,					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			67,593	58,381		
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	
78	Interest during construction,					78	
	Total, 71 to 77, inclusive,						
	Grand total, 1 to 77, inclusive						
	Grand total—Other:						

INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION

Owner Great Northern Railway Company

Approved: C. H. Spencer

Val. Section No. Minnesota 32 Miles Main Line, _____ Miles all Tracks, *

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

COST OF REPRODUCTION.

(1)	UNIL.	NUMBER OF UNITS.	COST OF REPRODUCTION.		
			Per Unit.	New, Total.	Less Depreciation.
(3)	(2)	(4)	(5)	(6)	
			\$	\$	\$
Acct. No. <u>5</u> Title <u>GRADING</u> (I. C. C. Classification.)					
M.P. 0.000 to M.P. 2.595 - Sandstone to Kettle River Quarries					
All Tracks	100	Acres	19.10	52.00	611
Clearing	100	"	6.53	210.00	1,329
Grubbing	100	Cu.yd.	17426	0.295	5,141
Excavation, common	100	"	4495	0.295	1,326
" quarry waste	100	"	9715	0.50	4,856
" loose rock	100	"	6698	1.35	9,029
" solid rock	100	"	26668	0.295	7,867
Embankment borrow, common	100	"	3654	0.275	1,054
Subsidence					
Protection of Roadway	100				117
Sundry items					
Total for Valuation Section	100				51,330
					51,330

Approved: P. B. Scheetz

Acct. 6 - BRIDGES TRESSLES AND CULVERTS

File and Frame Trestles

Two timber trestles, total length 64'	72	M.B.M.	5.500	42.50	234
Stringers	72	"	4.600	40.50	185
Other timber	72	Lbs.	1701	.04	68
Iron	72	"	1216	.05	61
Galv. iron	72	Cu.yd.	55	9.17	504
Masonry	72				60
Sundry items					
Total File and Frame Trestles	72				1,112
					601

Pipe and Timber Culverts

5 cast iron pipe culverts	95	Net ton	37.077	29.75	1,105	1,048
Dry masonry and walls	72	Cu.yd.	141	4.60	649	467
Sundry items	71				163	116
Total Pipe and Timber Culverts	65				1,915	1,631
Total for Valuation Section	60				3,027	2,452

Approved: Louis Hook

Acct. 8 - TIES

Main Track

Cross ties, 7x9 sawn oak	50	Each	37	.88	33	
" #2 oak	50	"	1091	.76	629	
" #1 tamarack	50	"	256	.55	141	
" #2 "	50	"	6366	.54	3,438	
Bridge ties, fir	50	M.B.M.	6.440	20.99	135	
Switch ties, oak	50	"	7.136	30.68	219	
Total Main Track	50				4,998	2,598

Yard Tracks and Sidings

Cross ties, 7x9 sawn fir	50	Each	9	.67	6	
" #2 birch tamarack	50	"	4274	.54	2,308	
" #2 cedar	50	"	168	.59	99	
" #2 oak	50	"	96	.76	73	
Switch ties, fir treated	50	M.B.M.	5.545	25.05	139	
Total Yard Tracks and Sidings	50				2,625	1,315
Total for Valuation Section	50				7,420	3,711

Revised page prepared by direction of the Commission Jan. 3, 1923

INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION

Owner Great Northern Railway Company

Sheet No. _____ of this valuation section.

Val. Section No. Minn. 38 Miles Main Line, _____ Miles all Tracks.*

Approved: C. H. Spencer

LOCATION. (1)	CHARACTER OF PROPERTY AND DESCRIPTION. (2)	Where but a single percentage is stated it represents both per cents.	Condition Per Cent. New.	UNIT. (3)	NUMBER OF UNITS. (3)	COST OF REPRODUCTION.				
						Per Unit. (4)	New, Total. (5)	Less Depreciation. (6)		
Acct. No.	Title					\$	\$	\$		
RAILS (L. C. C. classification.)										
Main Track - 2,593 miles										
	New 90¢ Open hearth rail, 1908	0.018	Track miles	84	95	Cr. ton	2,518	33.20	84	80
	" 80¢ Bessemer " 1908	0.005	"	84	96	"	0.619	31.20	19	18
	" 75¢ " " 1906	0.036	"	80	95	"	4,285	31.20	154	127
	" 70¢ " " 1906	0.003	"	80	95	"	0.250	31.20	8	8
	" 60¢ " " 1888	2.384	"	46	86	"	224,786	31.20	7,013	6,031
	" 55.5¢ " " 1887	0.015	"	46	86	"	1,410	31.20	44	38
	" 56¢ " " 1883-1886	0.132	"	46	86	"	11,667	31.20	364	313
	Total Main Track								7,666	6,615
Yard Tracks and Sidings 1,563 miles										
	Relay 70¢-75¢ Bessemer rail, 1888-1906	0.428	"	74	86	"	49,098	24.00	1,178	1,013
	" 56¢-60¢ " " 1882-1906	1.097	"	70	84	"	101,618	24.00	2,439	2,049
	Total Yard Tracks and Sidings								3,617	3,062
	Total for Valuation Section								11,283	9,677

Acct. 10 - OTHER TRACK MATERIAL

Main Track:

New 60¢ angle bars 1883-1888	46	87	Cwt.	288.51	1.70		490	428
Spikes, 9/16"x5-1/2"	50		"	199.86	1.75		350	175
Bolts 3/4"x3-5/4" to 1"x1-1/2"	48	58	"	38.07	2.30		88	51
Tie plates	46	62	"	45.53	1.60		75	45
Tie rods	46	60	"	406.65	1.75		712	428
Spring frogs, 90¢ -#11 - 16.5' steel	50	57	Each	1	56.35		56	32
Rigid " 60¢ steel	50	56	"	8			222	125
" " 70¢ "	50	55	"	1	19.65		20	11
Split switches, 75¢ -90¢ steel	50	58	"	3			136	79
" " 60¢ "	50	57	"	6			216	123
High switch stands	50	80	"	2	10.05		20	12
Low " "	50	57	"	8			53	30
Switch guard rail	66	71	Cwt.	78.31	3.65		286	202
Sundry items	64	70					102	71
Total Main Track							3,824	1,812

Yard Tracks and Sidings

Relay 70¢ -75¢ angle bars 1888-1906	75	81	Cwt.	66.22	1.45		96	78
" 56¢ 60¢ " 1882-1890	70	80	"	146.44	1.45		212	169
Spikes 9/16"x5-1/2"	50		"	126.52	1.75		221	111
Bolts 3/4"x3-5/4"	71	76	"	23.84	2.30		55	42
Spread rods	70	78	"	112.48	1.75		197	153
Tie plates	70	79	"	70.31	1.60		112	88
Rail braces	70	75	"	36.90	2.60		96	72
Rigid frogs, 60¢ -#7, 7' steel	50	57	Each	4	15.85		63	36
Split switches, 60¢ -10' "	50	56	"	2	30.90		62	35
Stub " 60¢ steel	50	58	"	2	11.95		24	14
Low switch stands	50	57	"	4	7.05		28	16
Switch guard rail	63	68	Cwt.	26.14	3.65		96	55
Sundry items	70	71					7	5
Total Yard Tracks and Sidings							1,269	684
Total for Valuation Section							4,093	2,696

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

INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION

Owner Great Northern Railway Company

Approved: C. H. Spencer

Val. Section No. Minnesota 52 Miles Main Line, _____ Miles all Tracks.*

LOCATION.	CHARACTER OF PROPERTY AND DESCRIPTION.	Calculation 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)
						\$	\$	\$

Acct. No. 11 Title BALLAST
(I. C. C. classification)

Main Tracks:

Quarry chips ballast from Pit MP. 2.6 ave. haul 1.5 miles	85	Cu. yd.	4114	.57	1,522		
Total Main Track	85				1,522	1,294	

Yard Tracks and Sidings:

Quarry chips ballast from Pit M.P. 2.6 ave. miles hauled 1.1	85	"	2036	.57	753		
Total Yard Tracks and Sidings	85				753	640	
Total for Valuation Section	85				2,275	1,934	

Acct. 12 - TRACK LAYING AND SURFACING

Main Tracks:

Tracklaying and initial surfacing 90¢ to 61¢ rail		Mile	0.062	950.00	59		
" " " " 80¢ to 45¢ "		"	2.551	900.00	2,278		
Placing ballast, quarry chips		Cu. yd.	4114	.20	823		

Yard Tracks and Sidings:

Tracklaying and initial surfacing 90¢ to 61¢ rail		Mile	0.428	850.00	364		
" " " " 60¢ to 40¢ "		"	1.156	800.00	908		
Placing ballast, quarry chips		Cu. yd.	2036	.20	407		

All Tracks

Placing turnouts 90¢ to 61¢ with stands		Each	2	32.50	65		
" " 60¢ " "		"	9	50.00	270		
" " 60¢ (Stub)		"	3	22.50	68		
" tie rods		"	1403	0.02	28		
Sundry items					106		
Total for Valuation Section	72				5,376	3,671	

Acct. 13 - RIGHT OF WAY FENCES

All Tracks - 0.603 miles fence

Cedar posts, 7'	50	Each	180	0.16	27	14	
" " 6'	50	"	55	0.14	8	4	
Barbed wire	50	Cwt.	6.54	2.35	15	8	
Labor setting posts	50	Each	225	0.12	27	14	
" stringing barbed wire, posts spaced over 12'	50	Wire miles	1.627	3.95	6	3	
Sundry items	50				4	2	
Total for Valuation Section	50				87	45	

Acct. 15 - CROSSINGS AND SIGNS

4 Grade Crossings:

Embankment, common	100	Cu. yd.	235	0.295	69	69	
Flanking	50	M.B.M.	0.792	54.50	27	14	
Iron and steel	50	Cwt.	0.24	5.00	1	0	
Warning sign	50	Each	1	4.85	5	2	
Total Grade Crossings	55				102	85	
Total for Valuation Section	55				102	85	

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