

B. V. Form No. 563

Owner **Great Northern Railway Company**Operating Company **do.**Division **State** **North Dakota**Valuation Section No. **North Dakota 27**From **M.P. 121.811** to **M.P. 144.538****22.156** Miles Main Line, **26.485** Miles all Tracks.INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION

SUMMARY SHEET

WHOLLY OWNED AND USED

RM

Date of Inventory as of **June 30, 1915**Date Compiled **Feb. 16, 1922**Compiled by **E.R.F.-H.A.P.**Correct **Louis A. Hark** **Report** Engineer.Approved **Carl B. Hark** Engineer.

R. and E. Account Number.	CLASSES.	ORIGINAL COST TO DATE.		COST OF REPRODUCTION.		R. and E. Account Number.	REMARKS.
		(3)	(4)	New.	Less Depreciation.		
(1)	(2)				(5)	(6)	(7)
	I. ROAD:						
1	Engineering,			28,111	28,111	1	
2	Land for transportation purposes,					2	
3	Grading,			191,949	191,949	3	
4	Underground power tubes,					4	
5	Tunnels and subways,					5	
6	Bridges, trestles, and culverts,			84,358	68,957	6	
7	Elevated structures,					7	
8	Ties,			81,708	41,596	8	
9	Rails,			106,905	83,446	9	
10	Other track material,			41,164	21,480	10	
11	Ballast,			97,966	83,271	11	
12	Track laying and surfacing,			60,198	42,139	12	
13	Right-of-way fences,			8,627	6,461	13	
14	Snow and sand fences and snow sheds,			314	157	14	
15	Crossings and signs,			1,505	1,223	15	
16	Station and office buildings,			5,620	3,305	16	
17	Roadway buildings,			3,248	2,170	17	
18	Water stations,			18,185	16,449	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,			127	103	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,			346	233	37	
38	Roadway small tools,			578	269	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			730,877	591,319		
	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,						

Revised page prepared by direction
of the Commission Jan. 3, 1920.

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INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION

BM

Owner Great Northern Railway Company

Sheet No. _____ of this valuation section.

Val. Section No. 27-No. Dak.

Miles Main Line, _____ Miles all Tracks, *

Approved: C.H. Spencer.

1917-1920

LOCATION.

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

CHARACTER OF PROPERTY AND DESCRIPTION.

Condition
PercentPer Cent
of Cost
New

UNIT.

NUMBER OF
UNITS.

COST OF REPRODUCTION.

Per Unit.

New Total.

Less Depreciation.

(1)

(2)

(3)

(4)

(5)

(6)

Acct. No. 3 Title GRADING.

(I. C. C. classification.)

M.P. 121.811 to M.P. 144.338 - Williston to Montana State Line.

All Tracks:

Clearing

100

Acre

62.54

29.00

1,614

Grubbing

100

"

0.89

233.50

208

Excavation, common

100

Cu. yd.

174775

0.19

33,207

" loose rock

100

"

53550

0.43

23,018

" solid rock

100

"

845

0.99

837

Embankment borrow, common

100

"

591746

0.19

112,432

Team overhaul - 500' free haul

100

C.Y. Sta.

471620

0.0125

5,895

Subsidence

100

Cu. yd.

588

0.197

116

Protection of Roadway:

Riprap, hand placed

100

"

4541

3.00

13,623

Sundry items

100

799

Total for Valuation Section

100

191,949

191,949

Acct. 6 - BRIDGES, TRESTLES AND CULVERTS.

Approved: F.B. Schaetz.

Steel and Concrete Bridges.

Bridge 154 - single track, length 141', built 1915.

Substructure:

Concrete piers and abutments on pile foundations

100

Cu. yd.

320

10.05

3,216

3,216

Concrete

100

"

5

27.00

135

135

Masonry bridge seats

100

Lin. ft.

1800

0.64

1,152

1,152

Piling

100

Cu. yd.

150

3.50

525

525

Excavation, under water

Superstructure: Three steel deck plate girder spans

95

96

Lb.

112610

0.042

4,730

4,541

3/40 and 1/60 ft. long.

100

359

359

Sundry items

Total

98

10,117

9,928

Bridge 156 - single track, length 96', built 1914.

Substructure: Concrete piers and abutments on pile foundations

Concrete

99

Cu. yd.

321

10.05

3,226

3,194

" reinforced

99

"

56

13.10

734

727

Piling

99

Lin. ft.

1210

0.64

774

766

" concrete

99

"

272

1.31

356

352

" treated

99

"

500

0.88

440

436

Superstructure: One steel deck plate girder span 48' long

98

98

Lb.

39720

0.042

1,666

1,635

Three concrete slab spans 16' long

99

Cu. yd.

51

19.00

969

959

Sundry items

98

455

446

Total

99

8,622

8,515

Total Steel and Concrete Bridges

98

18,739

18,445

Pile and Frame Trestles.

Sixteen timber trestles, total length 1607.39'

Piling

67

Lin. ft.

22733

0.64

14,549

Stringers

67

M.B.M.

139.500

43.20

6,018

Other timber

67

"

105.600

41.00

4,350

Iron

67

Lb.

28590

0.04

1,144

Galv. iron

67

"

27840

0.05

1,392

Riprap, hand placed

67

Cu. yd.

239

3.00

717

Sundry items

67

42

Total Pile and Frame Trestles

67

28,192

18,889

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

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INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION

Sheet No. _____ of this valuation section.

Owner Great Northern Railway CompanyApproved: F.B. Schetz.Val. Section No. 27-No. Dak. Miles Main Line, _____ Miles all Tracks,* _____

LOCATION. (1)	CHARACTER OF PROPERTY AND DESCRIPTION. (2)	Condition Per Cent. New. (3)	UNIT. (4)	NUMBER OF UNITS. (5)	COST OF REPRODUCTION.		
					Per Unit. (6)	New, Total. (7)	Less Depreciation. (8)
Acct. No. <u>6</u>	Title <u>BRIDGES, TRETTLES AND CULVERTS.</u> (I. C. C. Class (b).)				\$	\$	\$
	Masonry Culverts.						
	13 Masonry Culverts, span 4' or less.						
	Rubble masonry	83	Cu. yd.	961	10.05	9,658	8,016
	Plain concrete	88	"	689.4	10.05	6,928	6,097
	2 Masonry Culverts, span 5' to 8'						
	Plain concrete	88	"	456.8	10.05	4,591	4,040
	Scrap rail	84	G. T.	74.025	45.15	3,342	2,807
	Excavation, dry common	87	Cu. yd.	1060	0.50	530	461
	Sundry items	95				361	343
	Total Masonry Culverts					25,410	21,764
	Pipe and Timber Culverts.						
	2 Wood Box Culverts	30	M.B.M.	15.704	41.25	648	194
	20 Cast Iron Pipe Drainage Culverts 6" to 48"	85	Net T.	181.96	46.00	8,370	7,115
	3 Vitrified " " " 27"	74	Lin. ft.	179	3.35	600	444
	2 " " " 28"	76	"	71	3.60	256	195
	Loose riprap	100	Cu. yd.	112	4.10	459	459
	Hand laid riprap	100	"	123	3.00	369	369
	Dry masonry end walls	80	"	138	4.80	652	530
	Sundry items	82				653	535
	Total Pipe and Timber Culverts					12,017	9,841
	Total for Valuation Section					84,358	68,937

Acct. 8 - TIES.

Approved: Louis Hood.

Main Track:							
	Gross ties triangle fir treated	50	Each	10469	1.04	10,888	5,444
	" 7x8 "	50	"	30120	.94	28,315	14,157
	" 7" face "	50	"	1967	1.14	2,242	1,121
	" 7" " tamarack treated	50	"	26776	.94	25,169	12,585
	" 7" " cedar "	50	"	125	1.00	125	63
	" 7x8 oak treated	50	"	4	.94	4	2
	Bridge ties fir treated	82	M.B.M.	88.368	26.18	2,313	1,897
	Switch " " "	50	"	31.260	25.93	811	406
	Total Main Track					69,865	35,675
Yard Tracks and Sidings:							
	Gross ties triangle fir treated	50	Each	104	.82	85	
	" " "	50	"	433	1.04	450	
	" 7x8 "	50	"	2212	.94	2,079	
	" 7" face "	50	"	272	1.14	310	
	" 6" " "	50	"	44	.88	39	
	" 6" " tamarack treated	50	"	8844	.88	7,783	
	" 6" " cedar "	50	"	686	.78	519	
	" 7x8 oak "	50	"	10	.94	9	
	Switch ties fir treated	50	M.B.M.	21.882	25.93	567	
	Total Yard Tracks and Sidings					11,841	5,921
	Total for Valuation Section					81,706	41,596

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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: O.H. Spencer.Val. Section No. 27-No. Dak. Miles Main Line _____ Miles all Tracks _____

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)	(4)	(5)	(6)	(7)	(8)	Per Unit.	New, Total.	Less Depreciation.
								(9)	(10)	(11)
Acct. No.	9	Title	RAILS.					\$	\$	\$
Main Track - 22.156 Miles.										
			New 90# Open Hearth Rail, 1912 - 0.031 trk. mi.	88	94	G.T.	4,393	36.55	161	151
			" 77.5# Bessemer rail, 1901 22.125 "	22	77	"	2694,474	34.85	93,902	72,305
			Total Main Track		77				94,063	72,456
Yard Tracks and Sidings - 4.329 Miles.										
			New 77.5# Bessemer rail, 1901 0.414 trk. mi.	81	86	"	50,467	34.85	1,759	1,513
			Relay 77.5#-75# Bessemer " 1888-1903 3.064 "	77	86	"	363,588	25.50	9,271	7,973
			" 60#-56# " " 1883-1884 0.767 "	73	83	"	71,043	25.50	1,812	1,504
			Total Yard Tracks and Sidings		86				12,842	10,990
			Total for Valuation Section		78				106,905	83,446

Acct. 10 - OTHER TRACK MATERIAL.

Main Track:										
			New 77.5#-90# angle bars, 1901-1912	22	76	Cwt.	5339.45	1.95	10,412	7,915
			Spikes, 9/16x5 1/2 to 5/8x6"	50		"	2425.84	2.05	4,973	2,487
			Bolts 3/4x3 1/2 to 1x4 1/2"	22	33	"	454.53	2.60	1,182	395
			Tie plates	22	37	"	9971.86	1.90	18,947	7,046
			Spring frogs, 77.5#-80# steel	50	55	Each	10		477	264
			Split switches, 77.5#-80# "	50	56	"	10		482	268
			High switch stands	50	55	"	10	11.30	113	62
			Switch guard rail	50	55	Cwt.	112.90	4.05	457	250
			Sundry items	44	46				149	69
			Total Main Track		50				37,192	18,754
Yard Tracks and Sidings:										
			New 77.5# Angle bars, 1901	81	85	Cwt.	57.38	1.95	73	62
			Relay 75#-77.5# Angle bars, 1888-1903	77	82	"	810.93	1.60	1,298	1,070
			" 60# " " 1883-1888	74	80	"	28.80	1.60	151	121
			Spikes, 9/16x5 1/2 to 5/8x6"	50		"	357.57	2.05	733	367
			Bolts 3/4x3 1/2"	77	80	"	80.72	2.60	210	168
			Rigid frogs, 75#-85# steel	50	55	Each	6		313	173
			Tie plates	70	81	Cwt.	135.37	1.90	257	207
			Rigid frogs, 60#-47, 12' steel	50	55	Each	1	37.70	38	21
			Split switches, 77.5#-15' steel	50	56	"	6	48.25	290	161
			" " 60#-15' "	50	54	"	1	46.15	46	25
			High switch stands	50	55	"	4		49	27
			Low " " "	50	55	"	3	9.15	27	15
			Switch guard rail	50	55	Cwt.	76.31	4.05	309	169
			Sundry items	76	79				178	140
			Total Yard Tracks and Sidings		69				3,972	2,725
			Total for Valuation Section		52				41,164	21,480

Acct. 11 - BALLAST.

Main Track:										
			Gravel ballast from Palermo, avg. haul 85.5 miles	85		Cu.yd.	126178	0.68	85,801	
			Total Main Track		85				85,801	72,931
Yard Tracks and Sidings:										
			Gravel ballast from Palermo, avg. haul 87.8 miles	85		"	17889	0.68	12,165	
			Total Yard Tracks and Sidings		85				12,165	10,340
			Total for Valuation Section		85				97,966	83,271

Revised page prepared by direction
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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. 27-No. Dak.

Miles Main Line, _____ Miles all Tracks, *

Approved: C. H. Spencer.

12-900

LOCATION.		Where but a single percentage is stated it represents both per cents.		UNIT.	NUMBER OF UNITS.	COST OF REPRODUCTION.		
(1)	CHARACTER OF PROPERTY AND DESCRIPTION.	Condition Per Cent.	Per Cent. of Cost New.			Per Unit. (4)	New, Total. (5)	Less Depreciation. (6)
	Acct. No. <u>12</u> Title <u>TRACKLAYING AND SURFACING.</u> (I. C. C. Classification.)					\$	\$	\$
	Main Track:							
	Tracklaying and initial surfacing 90#-61# rail			Mile	22.156	1075.00	23,818	
	Placing gravel ballast			Cu. yd.	128173	.20	25,236	
	Yard Tracks and Sidings:							
	Tracklaying and initial surfacing 90#-61# rail			Mile	3.557	900.00	3,201	
	" " surfacing 60#-56# rail			"	0.772	850.00	656	
	Placing gravel ballast			Cu. yd.	17889	.20	3,578	
	All Tracks:							
	Placing turnouts 90#-61# with stands			Each	16	36.50	584	
	" tie plates			"	145019	.0145	2,103	
	" and framing bridge ties			M.B.M.	88.368	11.00	972	
	Sundry items						50	
	Total for Valuation Section			70			60,196	42,139

Acct. 13 - RIGHT OF WAY FENCES.

All Tracks - 40.510 Miles Fence.								
Cedar posts, 7 1/2'	75	Each	13777	0.23	3,169	2,377		
Barbed wire	75	Cwt.	570.38	2.70	1,540	1,155		
Wire stays	75	Each	39668	0.03	1,190	892		
Labor setting posts	75	"	13777	0.13	1,791	1,343		
" stringing barbed wire. Posts spaced over 12'	75	W.M.	162.040	3.90	632	474		
Cattle guards, wood surface	75	Each	22	11.25	248	186		
Sundry items	60				57	34		
Total for Valuation Section	75				8,627	6,461		

Acct. 14 - SNOW AND SAND FENCES AND SNOWSHEDS.

All Tracks:								
90 Panels portable snow fence								
Lumber	50	M.B.M.	6.813	34.25	302	151		
Iron	50	Lb.	240	0.05	12	6		
Total for Valuation Section	50				314	157		

Acct. 15 - CROSSINGS AND SIGNS.

18 Grade Crossings								
Common embankment borrow	100	Cu. yd.	3966	0.19	754	754		
Planking	50	M.B.M.	6.455	33.50	216	108		
Sundry items	62				357	221		
Total Grade Crossings	82				1,327	1,083		
Signs:								
Mile markers and other signs	75	Each	137		155	117		
Common embankment	100	Cu. yd.	123	0.19	23	23		
Total Signs	79				178	140		
Total for Valuation Section	61				1,505	1,223		

Revised page prepared by direction
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INTERSTATE COMMERCE COMMISSION

Owner Great Northern Railway Company

BUREAU OF VALUATION

Sheet No. _____ of this valuation section.

Val. Section No. 27-No. Dak. Miles Main Line, _____ Miles all Tracks.*Approved: Jno. A. Galvin.

LOCATION.	CHARACTER OF PROPERTY AND DESCRIPTION.	Condition Per Cent.	Per Cent of Cost New.	UNIT.	NUMBER OF UNITS.	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>Trenton, Mile 133.0</u>								
	Passenger and freight depot							
	One story 12x34', frame, built 1901	80		Each	1	733		586
	Furniture	80				170		136
	Platform 600 sq.ft. cinders, built 1901	80		"	1	80		64
	Sundry items	80				223		178
	Total		80				1,206	964
	Stock yards	90		"	1	243		219
	Total Trenton		82				1,449	1,183
<u>Harley, Mile 137.0</u>								
	Depot							
	Carbody 8x34', built 1895	45		"	1	275		124
	Furniture	45				16		7
	Total Harley		45				291	131
<u>Buford, Mile 142.0</u>								
	Passenger and freight depot							
	Two story 20x64' frame, built 1887	44		"	1	2,061		907
	Furniture	44				332		146
	Platform 2355 sq.ft., frame, built 1887	44		"	1	397		175
	Walks and driveways	100		Cu. yd.	473	308		308
	Sundry items	44				67		38
	Total		49				3,185	1,574
	Stock yards	60		Each	1	679		407
	Total Buford		51				3,864	1,981
	Station signs at Todd and Harley	65		"	2	16		10
	Total for Valuation Section		59				5,620	3,305

Acct. 17 - Roadway buildings.

Trenton, Mile 133.00

Section house								
One story 30x30', frame, built 1887	44		Each	1		739		338
Bunk house								
One story 16x24', frame, built 1899	70		"	1		414		290
Bunk house								
One story 11x34', frame, built 1907	80		"	1		510		408
Tool houses								
8x12' frame, built 1907 - 1899	70		"	2		190		133
Sundry items	70					182		127
Total Trenton		63					2,065	1,296

Buford, Mile 142.00

Bunk houses								
16x32', frame, built 1907, 11x24', frame, built 1903	75		"	2		1,017		763
Tool house								
8x12' frame, built 1900	80		"	1		90		54
Sundry items	75					75		57
Total Buford		74					1,183	874
Total for Valuation Section							3,248	2,170

INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION

RM

Owner Great Northern Railway Company

Sheet No. _____ of this valuation section.

Val. Section No. 27-No. Dak. Miles Main Line, _____ Miles all Tracks, *Approved: F.T. Oakley

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

Acct. No. 18 Title WATER STATIONS.
(I. C. C. classification.)Trenton, Mile 133.Treating plant
50,000 gals., built 1914

98

Each

1

6,005

5,885

Pump house
10x12' frame, built 1902
Equipment
Pit

80

"

1

255

204

80

1,429

1,143

80

202

162

Total

80

1,886

1,509

Tank
16x24' wood tub and steel grill, built 1902

80

"

1

1,818

1,454

Gasoline cellar
400 gals., built 1902

90

"

1

170

153

Dam
Built 1902

90

5,848

5,281

Outside piping
3861 lineal feet, built 1902

90

4,630

4,167

Total Trenton

91

18,155

16,449

Total for Valuation Section

91

18,155

16,449

Acct. 27 - SIGNALS AND INTERLOCKERS.

Wood Semaphore type train order signal
at Buford

80

110

88

Swift Train Order Signal
at Trenton

90

17

15

Total for Valuation Section

81

127

103

Acct. 37 - ROADWAY MACHINES.

Approved: G.H. Kessler

Hand Cars
8 men capacity

70

70

Each

27.22

245

172

Push cars
5000# capacity

60

60

Each

20.14

101

51

Total for Valuation Section

67

346

223

Acct. 38 - ROADWAY SMALL TOOLS.

Section sets

50

Set

115.60

578

289

Total for Valuation Section

50

578

289