

B. V. Form No. 563

Owner **Great Northern Railway Company**Operating Company **do.**Division **State Montana**Valuation Section No. **26-Montana**From **M.P. 1337.97** to **M.P. 1350.76****12.793** Miles Main Line, **13.915** Miles all Tracks.*INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION

SUMMARY SHEET

WHOLLY OWNED AND USED

BM

Date of Inventory as of **June 30**, 19 **15**Date Compiled **Feb. 16**, 19 **22**Compiled by **L.H.A.-H.A.P.**Correct **Report** **Engineer.**Approved **Engineer.**

R. and E. Account Number.	CLASSES.	ORIGINAL COST TO DATE.	COST OF REPRODUCTION.		R. and E. Account Number.	REMARKS.
		(3)	(4)	(5)		
(2)					(6)	(7)
I. ROAD:						
1	Engineering,		29,446	29,446	1	
2	Land for transportation purposes,				2	
3	Grading,		439,617	439,588	3	
4	Underground power tubes,				4	
5	Tunnels and subways,		38,748	35,259	5	
6	Bridges, trestles, and culverts,		10,007	8,552	6	
7	Elevated structures,				7	
8	Ties,		19,451	9,122	8	
9	Rails,		72,855	62,842	9	
10	Other track material,		23,405	15,690	10	
11	Ballast,		15,696	13,342	11	
12	Track laying and surfacing,		26,937	20,741	12	
13	Right-of-way fences,				13	
14	Snow and sand fences and snowsheds,				14	
15	Crossings and signs,		132	68	15	
16	Station and office buildings,		684	576	16	
17	Roadway buildings,		6,490	5,276	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,		49	33	37	
38	Roadway small tools,		291	189	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		683,808	640,724		
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, 1928.

1512

B.V. Form No. 561

INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION

Sheet No. _____ of this valuation section.

Owner Great Northern Railway CompanyApproved: G.H. SpencerVal. Section No. 25-Mont. Miles Main Line, _____ Miles all Tracks, _____

LOCATION.	CHARACTER OF PROPERTY AND DESCRIPTION.	Custom Per Cent.	Per Cent New.	UNIT.	NUMBER OF UNITS.	COST OF REPRODUCTION.		
						Per Unit.	New Total.	Less Depreciated.
				(2)	(3)	(4)	(5)	(6)
Acct. No. <u>3</u>	Title <u>GRADING</u>					\$	\$	\$
	(I.C.C. classification.)							
<u>M.P. 1337.97 to M.P. 1350.76 - Troy to Leonia</u>								
All Tracks		100		Acres	165	65.50	10,676	10,676
Clearing		100		"	123.97	300.50	37,253	37,253
Grubbing		100		Cu.yd.	71353	.225	16,054	16,054
Excavation, common		100		"	57127	.38	21,709	21,709
" hard pan		100		"	47454	.46	21,833	21,833
" loose rock		100		"	278148	1.03	286,492	286,492
" solid "		100		"	55702	.225	12,533	12,533
Embankment, borrow, common		100		"	4453	.46	2,048	2,048
" " loose rock		100		C.Y.Sta.	543936	0.0125	4,299	4,299
Team overhaul, 500' free haul		100		Cu.yd.	12236	.23	2,815	2,815
Subsidence								
Protection of Roadway								
Riprap, hand placed		100		"	11382	2.00	22,764	22,764
" loose		100		"	570	1.50	855	855
Sundry items		90					287	258
Total for Valuation Section			100				439,617	439,588

Acct. 5 - TUNNELS AND SUBWAYS.

<u>Tunnel 7 - M.P. 1346.9 - 380 ft. long; timber lined</u>								
Solid rock excavation		100		Cu.yd.	5698	3.70	20,713	20,713
" overbreak		100		"	80	2.70	222	222
Timber lining		60		M.B.M.	215,955	40.00	8,638	8,183
Sundry items		80					84	80
Total			88				29,657	28,188
<u>Tunnel 8 - M.P. 1348.5 - 172 ft. long; unlined.</u>								
Solid rock excavation		100		Cu.yd.	2297	3.70	8,499	
" " overbreak		100		"	160	3.70	592	
Total			100				9,091	9,091
Total for Valuation Section			91				38,748	35,259

Acct. 5 - BRIDGES, TRESTLES AND CULVERTS.

Approved: F.B. Schenck.

<u>Combination Bridges.</u>								
<u>Bridge 202.1; single track; length 44 ft., built 1906.</u>								
<u>Substructure: Two timber abutments</u>								
Timber		80		M.B.M.	3,600	33.80	291	238
" log crib		80		"	28,600	29.80	852	682
Riprap, loose		80		Cu.yd.	636	1.50	957	746
<u>Superstructure: One Howe Truss span, 44 ft. long</u>								
Timber		80		M.B.M.	15,400	64.70	890	704
Iron		80		Lb.	4520	0.032	209	167
Sundry items		80					103	82
Total			80				3,292	2,634
Total Combination Bridges			80				3,292	2,634
<u>Pile and Frame Trestles.</u>								
<u>3 Timber Trestles, total length 117.3 ft.</u>								
Piling		80		Lin.ft.	720	0.52	374	299
Stringers		80		M.B.M.	11,200	41.50	465	372
Other Timber		80		"	8,300	33.80	281	225
Iron		80		Lb.	1940	0.04	78	62
Galv. iron		80		"	2230	0.054	120	96
Sundry items		80					6	5
Total Pile and Frame Trestles			80				1,324	1,069

Revised page prepared by direction
of the Commission Jan. 3, 1933.

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. 26-Mont.

Miles Main Line, _____ Miles all Tracks, *

Approved: H.B. Sheets.

LOCATION.

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

(1)

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.

Acct. No. 6 Title BRIDGES, TRESTLES AND CULVERTS. (Cont'd.)
(I. C. C. classification.)**Masonry Culverts.**

2 Concrete Arch Culverts, span 5' - 8'

Plain concrete

Common excavation

Hand placed riprap

Blind drains, loose rock

94

Cu. yd.

335.7

9.65

3,240

3,045

94

"

558

0.50

279

252

94

"

45

2.00

90

85

100

"

69

4.60

317

317

Total Masonry Culverts

94

3,926

3,710

Pipe and Timber Culverts.

24" Vitrified Pipe Drainage Culverts

27" " " " "

Excavation, common

" hand pan

Sundry items

80

Lin. ft.

220

2.50

784

527

80

"

60

3.65

219

175

90

Cu. yd.

282

0.50

141

113

80

"

290

0.75

216

174

55

"

103

60

Total Pipe and Timber Culverts

78

1,465

1,149

Total for Valuation Section

85

10,007

8,552

Acct. 8 - TIES.

Approved: Louis Reed.

Main Tracks:

Cross ties triangle fir treated

" " " "

" 7x8 sawn fir

" #1 fir tamarack

Bridge ties, fir

Switch ties fir treated

" " "

48

Each

1925

.54

1,039

498

28

"

1298

.69

896

251

48

"

1015

.46

467

234

48

"

52878

.47

15,455

7,417

48

M.S.N.

9,728

13.40

130

62

38

"

6,332

17.19

109

51

48

"

7,155

13.15

94

45

Total Main Track

47

18,187

8,528

Yard Tracks and Sidings:

Cross ties triangle fir treated

" 7x8 sawn fir tamarack

" #1 fir tamarack

" #2 " "

28

Each

90

.69

62

17

48

"

620

.46

281

135

48

"

606

.47

285

187

48

"

1719

.37

536

305

Total Yard Tracks and Sidings

47

1,254

594

Total for Valuation Section

47

19,451

9,122

Acct. 9 - RAILS.

Approved: C.H. Spenser.

Main Track - 12.793 Miles.

New 90# Open Hearth Rail, 1908 - 12.793 trk. mi.

53

86

O.T. 1809.510

38.00

68,754

59,128

Total Main Track

86

68,754

59,128

Yard Tracks and Sidings - 1.122 Miles.

New 90# Open Hearth Rail, 1908 - 0.262 trk. mi.

Relay 80#-88# Bessemer Rail, 1891 0.813 "

" 56# " " 1883 0.028 "

91

94

"

37,000

36.00

1,406

1,322

82

89

"

93,737

28.00

2,625

2,336

66

80

"

2,500

28.00

70

58

Total Yard Tracks and Sidings

91

4,101

3,714

Total for Valuation Section

86

72,855

62,842

Revised page prepared by direction
of the Commission Jan. 3, 1925.

1514

52

U. V. Form No. 561

INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION

Owner Great Northern Railway Company

Sheet No. _____ of this valuation section.

Val. Section No. 24-Root Miles Main Line _____ Miles All Tracks _____Approved: O.H. Spencer

LOCATION.

Where but a single percentage is stated it represents 50% per cent.

CHARACTER OF PROPERTY AND DESCRIPTION.

Condition
by Class
by
by

UNIT

NUMBER OF
UNITS

COST OF REPRODUCTION.

Per Unit.

New, Total.

Less Depreciation.

Acct. No. 10 Title OTHER TRACK MATERIAL.

(I. C. C. classification)

Main Tracks:

New 90° Angle Bars, 1908	55	81	Gwt.	2132.00	2.35	7,360	5,962
Spikes, 5/8" x 5"	48		"	1343.04	2.35	3,203	1,537
Bolts 7/8"x1 1/2"	55	60	"	246.10	2.85	707	426
Tie plates #58	55	62	"	4514.97	2.25	10,159	6,318
Spring frogs, 90°-11' - 14.5'	50	55	Each	4	75.60	302	167
Split switches, 90°-16.5'	50	55	"	4	71.35	285	158
Switch stands, high	50	55	"	4	13.10	52	29
Guard rails, 90°-15'	92	92	Gwt.	89.90	4.70	382	259
Sundry items	56	57				54	31

Total Main Track

22,404 14,887

Yard Tracks and Sidings

New 90° Angle Bars, 1908	92	92	Gwt.	64.50	2.35	152	140
Relay 88°-90° Angle Bars, 1891	52	57	"	180.89	1.65	298	259
Spikes, 9/16"x5 1/2" - 5/8"x5"	48		"	81.19	2.33	191	92
Bolts 3/4"x5-5/8" - 7/8"x5 1/2"	53	55	"	23.86	2.85	58	58
Tie plates, 4 1/2"x8" - 5"x8"	54	57	"	97.91	2.25	280	192
Sundry items	54	56				72	62

Total Yard Tracks and Sidings

1,001 803

Total for Valuation Section

23,405 15,690

Acct. 11 - BALLAST.**Main Tracks:**

Gravel ballast from M.P. 1343, avg. haul 2.5 mi.	55		Cu. yd.	31401	.27	8,478	
" " " M.P. 1410, " 51.1 "	55		"	10462	.58	5,068	

Total Main Track

14,543 12,364

Yard Tracks and Sidings:

Gravel ballast from M.P. 1343, avg. haul 1.0 mi.	55		Cu. yd.	2243	.27	606	
" " " " 1410, " 55.0 "	55		"	955	.57	544	

Total Yard Tracks and Sidings

1,150 978

Total for Valuation Section

15,696 13,342

Acct. 12 - TRACKLAYING AND SURFACING.**Main Tracks:**

Tracklaying and initial surfacing 90° rail			Mile	12.794	1125.00	14,392	
Placing gravel ballast			Cu. yd.	41863	.23	9,628	

Yard Tracks and Sidings:

Tracklaying and initial surfacing 90°-61 1/2 rail			Mile	1.094	900.00	985	
" " " " 55 1/2 rail			"	0.028	850.00	24	
Placing gravel ballast			Cu. yd.	3198	.23	736	

All Tracks:

Placing turnouts 90° with stands			Each	4	35.00	140	
" tie plates			"	68726	0.0135	928	
" rail braces			"	106	0.0225	2	
" and framing bridge ties			M.B.M.	9.728	10.80	102	

Total for Valuation Section

25,937 20,741

Revised page prepared by direction
of the Commission Jan. 3, 1926.

1515

S. V. Form No. 561

INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION

Owner Great Northern Railway Company

Sheet No. _____ of this valuation section.

Val. Section No. 35-Mont.

Miles Main Line, _____

Miles all Tracks, _____

Approved: H. J. Saunders
Supervising Engineer.

LOCATION.		CHARACTER OF PROPERTY AND DESCRIPTION.		Quantity Per Cont.	Unit	Number of Units.	Per Unit.	Net, Total.	Less Depreciation.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Acct. No. <u>15</u>	Title <u>CROSSINGS AND SIGNS.</u>	(I. C. C. classification.)							
	One Grade Crossing.			50	M.B.M.	0.160	21.75	3	2
	Plancking			100				2	5
	Sundry items								
	Total Grade Crossing			98				4	5
	Signs:								
	Mile markers and other signs			50	Each	54		126	63
	Total Signs			50				126	63
	Total for Valuation Section			82				132	68

Acct. 15 - STATION AND OFFICE BUILDINGS.

Approved: Jno. A. Galvin.

Yakt. Mile

Passenger and Freight Depot
One story, 12x34', frame, built 1907
Sundry items

Total Yakt

Total for Valuation Section

84	1	576	484
86		108	92
84		684	576
84		684	576

Acct. 17 - ROADWAY BUILDINGS.

Yakt. Mile 1343.5

Section house
One and one half story, 19x30', lean-to 11x30',
frame, built 1908

Bunk house
One story, 16x24', frame, built 1899

Bunk house
One story 12x16', frame, built 1907

Tool house
12x20', frame, built 1906

Sundry items

Total Yakt

Total Mile 1344.9

80	Each	1	1,350	1,080
80	"	1	396	317
85	"	1	108	92
75	"	1	131	98
75			182	137
79			3,167	1,724

Mile 1344.9

Watchman's house
One story 11x15', frame, built 1910

Wood shed
10x10', frame

Total Mile 1344.9

90	Each	1	138	124
100	"	1	66	66
93			204	190

Mile 1345.6

Watchman's house
One story, 10x16', frame, built 1910
Sundry items

Total Mile 1345.6

85	Each	1	166	154
75			76	57
82			254	191

Mile 1346.3

Watchman's house
One story, 10x13', lean-to 13x13', frame,
built 1905

60	Each	1	92	66
----	------	---	----	----

Revised page prepared by direct on 1516
of the Commission Jan. 3, 1928.

B.V. Form No. 561

INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION

Owner Great Northern Railway CompanyVal. Section No. 26-Mont.

Miles Main Line, _____ Miles all Tracks, _____

Sheet No. _____ of this valuation section.

Approved: Jno. A. Galvin.

(1)	LOCATION.	CHARACTER OF PROPERTY AND DESCRIPTION. Where but a single percentage is stated it represents both per cents.	Condition Per Cent	Per Cent of Cost of 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. C. Classification.)							

Mile 1346.8

Watchman's House

One story 11x18', frame, built 1907

Outhouse 3x3', frame

80

Each

1

458

342

80

"

1

13

10

Total Mile 1346.8

80

458

372

Mile 1347.1

Watchman's House

One story, 11x13', frame, built 1905

Sundry items

80

Each

1

138

110

80

"

1

80

48

Total Mile 1347.1

80

138

158

Mile 1348.2

Watchman's house

6x6' stone, built 1905

80

Each

1

24

19

Mile 1349.1

Watchman's house

One story, 9x12', frame, built 1914

Sundry items

100

"

1

181

181

100

"

88

48

Total Mile 1349.1

100

181

186

Leonia, Mile 1350.3

Section house

Two story, 30x30', frame, built 1905

80

Each

1

1,860

1,438

Bunk house

One story, 16x24', frame, built 1899

85

"

1

416

354

Tool house

12x20', frame, built 1900

65

"

1

133

86

Sundry items

85

520

442

Total Leonia

81

2,929

2,370

Total for Valuation Section

81

6,490

5,276

Acct. 37 - ROADWAY MACHINES.H. J. Saunders,
Supervising Engr.

Hand cars

8 men capacity

70

70

Each

1

28.16

28

20

Push cars

5000# capacity

60

60

"

1

21.05

21

15

Total for Valuation Section

67

2

49

35

Acct. 38 - ROADWAY SMALL TOOLS.

Section nets

65

Set

2

145.72

291

189

Total for Valuation Section

65

291

189

1517