

LU

B. V. Form No. 563

Owner **Northern Pacific Railway Company**  
Operating Company **Northern Pacific Railway Company**  
Division \_\_\_\_\_ State **Minnesota**  
Valuation Section No. **Minnesota 15**  
From **Manitoba Jct.** to **North Dakota State Line**  
**95.972** Miles Main Line, **118.902** Miles all Tracks.\*

INTERSTATE COMMERCE COMMISSION  
BUREAU OF VALUATION

SUMMARY SHEET  
WHOLLY OWNED AND USED

Date of Inventory as of **June 30**, 19**17**  
Date Compiled **November 4**, 19**29**  
Compiled by **F.A.M.C. - V.W.B.**  
Correct **Louis Wood** Report Engineer.  
Approved \_\_\_\_\_ Engineer.

R. and E. Account Number (1)	CLASSES (2)	ORIGINAL COST TO DATE (3)	COST OF REPRODUCTION		R. and E. Account Number (6)	REMARKS (7)
			(4) New	(5) Less Depreciation		
I. ROAD:						
1	Engineering,	\$	\$ 86,439	\$ 86,439	1	
2	Land for transportation purposes,				2	
3	Grading,		365,778	363,661	3	
4	Underground power tubes,				4	
5	Tunnels and subways,				5	
6	Bridges, trestles, and culverts,		192,394	151,160	6	
7	Elevated structures,				7	
8	Ties,		280,447	211,297	8	
9	Rails,		421,239	399,213	9	
10	Other track material,		134,164	118,906	10	
11	Ballast,		174,859	140,672	11	
12	Track laying and surfacing,		239,547	202,765	12	
13	Right-of-way fences,		29,845	30,215	13	
14	Snow and sand fences and snowsheds,		7,471	5,736	14	
15	Crossings and signs,		35,439	27,956	15	
16	Station and office buildings,		86,553	63,096	16	
17	Roadway buildings,		33,615	30,920	17	
18	Water stations,		31,221	24,794	18	
19	Fuel stations,		18,445	15,600	19	
20	Shops and engine houses,		79,049	56,842	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,		11,152	9,548	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,		1,048	514	32	
33	Power line poles and fixtures,		446	96	33	
34	Underground conduits,				34	
35	Miscellaneous structures,		806	275	35	
36	Paving,				36	
37	Roadway machines,		2,479	1,662	37	
38	Roadway small tools,		1,729	865	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,		15,725	7,956	44	
45	Power plant machinery,				45	
46	Power substation apparatus,				46	
47	Unapplied construction material and supplies,				47	
	Total, 1 to 47, inclusive,		2,247,420	1,920,365		
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,					

384

Revised page prepared by direction



mlm		INTERSTATE COMMERCE COMMISSION			Sheet No. _____ of this valuation section		
B. V. Form No. 561		BUREAU OF VALUATION			Approved: <u>C. H. Spenser</u>		
Owner <u>Northern Pacific Railway Company</u>							
Val. Section No. <u>Minn. 15</u>		Miles Main Line, _____ Miles all Tracks, *			12-900		
LOCATION.		Where but a single percentage is stated it represents both per cents.			COST OF REPRODUCTION.		
CHARACTER OF PROPERTY AND DESCRIPTION.		Condition Per Cent.	Per Cent of Cost New.	UNIT.	NUMBER OF UNITS.	Per Unit.	Now, Total.
ONE WAY PAY		(1)	(2)	(3)	(4)	(5)	Less Depreciation.
Acct. No. <u>5</u> Title <u>GRADING</u>		(I. C. C. classification.)			\$	\$	\$
<u>All Tracks:</u>							
Clearing		100		Acre	134.00	25.00	3,484
Grubbing		100		"	16.30	100.00	1,630
Excavation							
Common		100		Cu. yd.	1540197	.21	323,441
Loose Rock		100		"	15995	.44	7,038
Team O.H. 500' Free haul		100		CY.Sta.	1123100	.0125	14,101
Team O.H. over 5000' under 10000'		100		CY.1000	61400	.015	921
" " " 10000' " 25000'		100		"	686000	.01	6,860
Protection of Roadway							
Rip Rap		90		Cu.yd.	2315		4,394
Timber Crib		50		M.B.M.	9.955	32.25	321
" Drains		50		M.B.M.	13.788	33.25	458
Hardware		50		Lb.	568	.04	23
Excavation foundation common		58		Cu.yd.	756	.50	368
U.C. pipe 12"		70		Lin.ft.	4360	.47	2,049
Cross ties, 2nd hand		50		Each	30	.25	8
Piling 14" cedar		50		Lin.ft.	320	.45	144
Posts 6"		50		"	1750	.29	508
Logging 6" oak		50		Cords	3	10.00	30
Total for Valuation Section			99				365,778
NOTE: Due to subsidence 24659 cu.yds. have been added to the measured volume of embankment before the distribution of pay quantities.							363,861
Account 6 - BRIDGES, TRETTLES & CULVERTS						Approved: <u>F. B. Scheetz</u>	
Steel and I Beam Bridges - 73'							
Bridge 13, length 73', single track; built 1917							
Substructure: Two frame piers							
Piling		100		Lin.ft.	1120	0.55	616
Timber		100		M.B.M.	18.550	43.00	798
Iron		100		Lb.	1620	0.04	65
Rock fill in crib		100		Cu.yd.	81	2.85	231
Superstructure: One steel deck plate girder span, 70' long							
Steel		80	82	Lb.	70380	.0359	2,527
Sundry Items		100					29
Total			89				4,266
Bridge 26, length 92', single track; built 1913							
Substructure: Two frame piers							
Piling		85		Lin.ft.	2212	0.55	1,217
Timber		85		M.B.M.	57.500	43.00	2,473
Iron		85		Lb.	5490	0.04	220
Riprap, loose		85		Cu.yd.	630	1.50	945
Superstructure: One steel thru plate girder span, 90' long							
Steel		85	87	Lb.	150510	.0379	5,704
Sundry Items		85					37
Total			86				10,596
Bridge 44, length 53', single track; built 1916							
Substructure: Two frame piers							
Piling		95		Lin.ft.	1300	0.55	715
Timber		95		M.B.M.	8.420	43.00	362
Iron		95		Lb.	2420	0.04	97
Riprap, loose.		95		Cu.yd.	65	1.50	98
Superstructure: One steel deck plate girder span, 50' long							
Steel		85	87	Lb.	30940	.0359	1,111
Sundry items		85					21
Total			91				2,404

Revised page prepared by direction of the Commission, Nov. 20, 1929.



NORTHERN PACIFIC RAILWAY COMPANY

VALUATION DEPARTMENT  
INTERSTATE COMMERCE COMMISSION

Owner Northern Pacific Railway Company

State of

Sheet No. of this valuation section

Val. Section No. Minn. 15 Miles Main Line Miles all Tracks \*

Approved:

LOCATION (1)	Where but a single percentage is stated it represents both per cents CHARACTER OF PROPERTY AND DESCRIPTION	Condi- tion Per Cent	Per Cent of Cost New	UNIT (2)	NUMBER OF UNITS (3)	COST OF REPRODUCTION		
						Per Unit (4)	New Total (5)	Less Depreciation (6)
Acct. No. 6 Title BRIDGES, TRETTLES & CULVERTS (Cont'd.) (L. C. C. Classification)								
Steel and I Beam Bridges - (Cont'd.)								
Bridge 68, at Robert St., Crookston, Minn., lgth. 141'								
single trk.; built 1916								
Substructure: Two pile piers, two steel piers, one								
concrete anchor pier								
Excavation piling and grillage	96						804	768
Concrete	100			Cu.Yd.	73	8.50	621	621
Reinforcing Rods	100			Lb.	1340	0.033	44	44
Superstructure: One steel deck pl. girder span, 40'								
long, one steel deck pl. girder span 46' long,								
one steel deck pl. girder span 55' long and								
steel bents								
Steel	100	100		Lb.	141110	.0359	5,066	5,066
Sundry Items	100						56	56
Total			99				6,591	6,555
Bridge 68, at Bridge St., Crookston, Minn. lgth. 82'								
single track; built 1916								
Substructure: Two pile piers, two steel bents								
Excavation and piling	96						316	302
Concrete	100			Cu.Yd.	20	8.50	170	170
Superstructure: One steel deck plate girder span								
42' long, two steel deck pl. girder spans 20' long.								
Steel	100	100		Lb.	83480	.0359	2,997	2,997
Sundry Items	100						176	176
Total			100				3,659	3,645
Bridge 68A, lgth. 82', single trk; built 1903								
Substructure: Two concrete abutments; two concrete								
cylinder piers.								
Excavation	90						113	102
Concrete	90			Cu.Yd.	123	8.50	1,046	941
Concrete in cylinders	90			"	13	8.50	111	100
Steel cylinders	90			Lb.	9790	.0415	406	365
Superstructure: Two steel I Beam spans 25' long; one								
steel I Beam span 30' long								
Steel I Beam	85	87		"	56870	.0339	1,928	1,677
Sundry Items	85						109	93
Total			88				3,713	3,278
Bridge 68, Red Lake River, lgth. 153', single trk;								
built 1916								
Substructure: Two pile piers	70						2,328	1,630
Rip rap, loose	70			Cu.Yd.	100	1.50	150	105
Superstructure: One steel thru riveted truss span								
150' long.								
Steel	100	100		Lb.	321780	.0419	13,483	13,483
Sundry Items	70						213	149
Total			95				16,174	15,367
Metal Bridges and Combination Trusses								
Bridge 95, Single trk., tot. lgth. 418', built								
1887 and 1916. This bridge is in V.S. 15								
Minn. and V.S. 3, N.Dak. The following ave.								
for V.S. 15 Minn.								
One 118' thru Howe Truss Span and one half of								
218' Howe Truss Drain Span, two timber piers								
and one half of Stone pivot pier.								
Substructure:								
Excavation, piling grillage and cofferdams	97						5,949	5,774
Masonry - Stone dimension	95			Cu.Yd.	276	16.50	4,554	4,326
Concrete, reinforced	95			"	53	11.00	583	554
Reinforcing rods	95			Lbs.	4380	.033	145	138
Timber	80			M.B.M.	187.7	43.00	8,071	6,457
Piling	80			Lin.ft.	3100	.55	1,705	1,364
Hardware	80			Lbs.	20780	.04	831	665
Rock Crib filling	80			Cu.Yd.	772	2.00	1,544	1,235
Rip rap	95			"	65	2.00	130	124
Superstructure								
Truss Timber	20			M.B.M.	60.0	68.00	4,080	816
" "	20			"	58.0	68.00	3,944	789
" Iron	20			Lbs.	67000	.0464	3,109	622
" "	20			"	105000	.054	5,670	1,134
Sundry Items	20						104	21
Total	59						40,419	24,019
Revised Aug. 1, 1926								
State mileage to thousandths.								



7m

B. V. Form No. 591

INTERSTATE COMMERCE COMMISSION  
BUREAU OF VALUATION

Owner Northern Pacific Railway Company

Sheet No. \_\_\_\_\_ of this valuation section.

Val. Section No. Minn. 15

Miles Main Line, \_\_\_\_\_

Miles all Tracks.\* \_\_\_\_\_

Approved: F. B. Scheetz.

LOCATION.

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

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.  
(4) (5) (6)  
\$ \$ \$

Acct. No. 6 Title BRIDGES, TRETTLES AND CULVERTS.

Total (Steel and I Beam Bridges)

77

87,822

67,987

Concrete Bridges-

3rd St. Crookston, Minn., length 52', width 10'; built 1916

Excavation

Concrete

" slab

Reinforcing rods

Sundry Items

Cu.Yd.

81

8.50

35

"

14

16.50

669

Lb.

10350

0.033

231

342

38

Total

100

1,335

1,335

Total (Concrete Bridges)

100

1,335

1,335

Pile and Frame Trestles-

57 Pile and Timber Trestles, total length 4051'

Piling, cedar

" oak

" pine

Stringers

Other Timber

Iron

Galvanized iron fire protection

Excavation, common

Second Hand Lumber

Sundry Items

Lin.Ft.

39490

0155

21,720

"

1210

0.55

666

"

140

0.55

77

M.B.M.

338.200

45.00

15,219

"

783.500

43.00

33,691

Lb.

102,780

0.04

4,111

"

45,410

0.05

2,270

Cu.Yd.

26

0.50

13

M.B.M.

113.000

24.65

2,785

131

Total (Pile and Frame Trestles)

80

80,683

64,546

Masonry Culverts

1 Masonry Culvert, span 5' to 6'

Plain Concrete

Riprap, hand placed

Sundry Items

95

Cu.Yd.

90

8.50

765

95

"

18

2.00

36

95

46

Total (Masonry Culverts)

95

847

805

Pipe and Timber Culverts

23 Wood Box Culverts

59 Cast Iron Pipe Culverts, 18" to 48"

1 Reinforced Concrete Pipe Culvert 30"

1 " " " " 36"

1 Corrugated iron pipe Culvert 24"

1 Vitrified Pipe Culvert 30"

33 " " " 24"

1 Reinforced Concrete Pipe 24"

2 Vitrified Pipe Culverts 18"

2 " " " 12"

Riprap, hand placed

Masonry, bubble in mortar

Concrete, plain

Riprap, loose

Excavation, wet

75

M.B.M.

34.041

45.00

1,532

1,149

78

Net T.

342.626

38.00

13,020

10,156

94

Lin.Ft.

40

4.75

190

179

94

"

40

5.25

210

197

83

Lin.Ft.

72

1.45

104

86

70

"

64

3.30

211

148

70

"

3096

1.75

5,418

3,793

94

"

32

3.50

112

105

70

"

114

1.25

143

100

70

"

106

.66

70

49

75

Cu.Yd.

161

2.00

322

242

75

"

22.7

7.50

170

128

78

"

4

8.50

34

27

75

"

40

1.50

60

45

75

"

74

1.50

111

83

Total (Pipe and Timber Culverts)

76

21,707

16,487

Total for Valuation Section

79

192,394

151,160

Revised Aug. 1, 1926.

mlm									
B.V. Form No. 561									
INTERSTATE COMMERCE COMMISSION									
BUREAU OF VALUATION									
Owner Northern Pacific Ry. Co.									
Sheet No. _____ of this valuation section									
Val. Section No. Minn. 15									
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.									
CHARACTER OF PROPERTY AND DESCRIPTION.									
(1)		Condition Per Cent.	Per Cent. of Cost New.	UNIT.	NUMBER OF UNITS.	COST OF REPRODUCTION.			
		(2)			(3)	Per Unit. (4)	New, Total. (5)	Less Depreciation. (6)	
						\$	\$	\$	
Main Track									
TIES									
(I. C. C. classification.)									
Cross ties, treated									
		86		Each	149708	.97	145,212	124,882	
		64		"	60391	.62	37,442	35,963	
		63		"	15641	.60	9,385	5,913	
		64		"	4979	.68	3,386	2,167	
		63		"	50547	.60	30,328	19,107	
Bridge ties, fir									
		60		M.B.M.	291.494	28.00	8,162	4,897	
Switch " "									
		63		"	78.321	28.50	2,232	1,406	
		64		"	69,862	28.00	1,956	1,252	
		86		"	81,060	35.50	2,878	2,475	
Crossing " "									
		86		"	0.127	35.50	5	4	
		64		"	0.799	28.00	22	14	
		63		"	1,187	28.50	34	21	
Total Main Track									
		77					241,042	186,101	
Yard Tracks and Sidings									
Cross ties, treated									
		86		Each	34	.97	33	28	
		90		"	6	2.82	17	15	
		63		"	8156	.60	4,894	3,083	
		64		"	2771	.68	1,884	1,206	
		64		"	18502	.62	1,471	7,341	
		63		"	27369	.60	16,421	10,345	
		63		"	78	.60	44	28	
Bridge ties, fir									
		60		M.B.M.	11,032	28.00	309	185	
Switch " treated									
		86		"	25,768	35.50	915	787	
		63		"	64,829	28.50	1,848	1,164	
		64		"	56.027	28.00	1,569	1,004	
Total Yard Tracks and Sidings									
		64					39,405	25,186	
Total for Valuation Section									
		75					280,447	211,287	
Account 9 - RAILS									
Main Track									
New 90# Ferro Titanium Bessemer Rail, 1912, 23.997 Tr. Mi.									
		84		Gr. Ton	3393.910	34.05	115,563	109,785	
" 90# Open Hearth Rail, 1909-1912, 28.491 "									
		84		"	4029.482	34.40	138,614	131,683	
Relay 85# Open Hearth Rail, 1906-1908 3.984 "									
		92		"	532.085	24.00	12,770	12,259	
" 72# Bessemer Rail, 1898-1902 25.935 "									
		84	91	"	2934.343	24.00	70,424	64,086	
" 70# " " 1895-1897 11.534 "									
		80		"	1268.792	24.00	30,451	27,101	
" 56# " " 1879-1899 0.020 "									
		64		"	1.717	24.00	41	33	
Total Main Track									
		94					367,863	344,947	
Yard Tracks and Sidings									
New 90# Ferro Titanium Bessemer Rail, 1912 0.064 "									
		95		"	9.054	34.05	308	299	
" 90# Open Hearth Rail, 1912-1913, 0.664 Tr. Mi.									
		95		"	94.031	34.40	3,235	3,138	
" 85#-72# Bessemer Rail, 1897-1905 0.057 "									
		94		"	7,292	32.40	236	227	
Relay 85# Open Hearth Rail, 1908 0.193 "									
		92		"	25,829	24.40	620	595	
" 72#-66# Bessemer Rail, 1887-1902, 1.252 Tr. Mi.									
		82		"	138.910	24.00	3,334	3,001	
" 60#-20# " " 1875-1899, 21.633 "									
		64		"	1902.523	24.00	45,661	36,985	
" 50# Iron Rail, 1875, 0.017 Trk. Mi.									
		64		"	1.339	24.00	32	26	
Total Yard Tracks and Sidings									
		83					53,426	44,271	
Total for Valuation Section									
		92					421,289	389,218	
Account 10 - OTHER TRACK MATERIAL									
Main Track									
Relay 72# Weber									
		84	88	Joints	820	1.15	943	830	
New 90# plain angles									
		84	95	Cwt.	9269.64	1.66	15,388	14,619	
Relay 85#-70# plain angles and Fish Plates									
		84		"	5161.58	1.10	5,678	5,167	
Spikes									
		75		"	7754.57	1.76	13,648	10,236	
Bolts									
		84		"	1942.43	2.31	4,487	5,904	
Tie Plates									
		84		"	37170.08	1.66	61,702	54,298	
Spring Frogs, 90#-70# Steel									
		77	80	Each	70		3,545	2,833	
Split Switches, 90#-70#									
		78	81	"	70		3,368	2,733	
High Switch Stands									
		68	71	"	73		981	694	
Crossing Frogs, 90#-85# Built Up Steel									
		83	85	"	2	459	459	389	
Switch Guard Rails, clamped									
		89	91	Cwt.	1034.16	3.25	3,261	3,059	
" " braced									
		84	87	"	22.01	2.50	55	48	
Bridge and Curve Guard Rail, Relay									
		80		Gr. Ton	118.240	24.00	2,838	2,526	
Sundry Items									
		72	75		63		1,290	965	
Total Main Track									
		87					117,743	102,301	

Revised page prepared by direction  
of the Commission, Nov. 20, 1929.





VM

B. V. Form No. 561

INTERSTATE COMMERCE COMMISSION  
BUREAU OF VALUATION

Owner Northern Pacific Railway Company

Sheet No. \_\_\_\_\_ of this valuation section.

Val. Section No. Minn. 15

Miles Main Line, \_\_\_\_\_

Miles all Tracks.\* \_\_\_\_\_

Approved: C.H. Spencer

LOCATION. \_\_\_\_\_

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

CHARACTER OF PROPERTY AND DESCRIPTION.

Condition  
Per CentPer Cent  
of Cost  
New.

UNIT.

NUMBER OF  
UNITS.

Per Unit.

COST OF REPRODUCTION.

New, Total.

Less Depreciation

Acct. No. 12 Title TRACKLAYING AND SURFACING (Cont'd.)

Placing Crossing frogs

Each

2

40.00

80

Placing scale track switches

"

4

15.00

60

All Tracks-Placing Turnouts — Y

"

129

30.00

3,870

Placing Double Slip Switches, 90#-66#, with stands — Y

"

2

100.00

200

" Tie Plates M = 7109

"

577,226

.0125

7,215

" Anticreepers M = 46

"

2,281

.02

46

" Tie rods — Y

"

2,048

.05

102

" Guard rail points M = 27

"

29

.94

27

" C.I. Fillers M = 4

"

16

.25

4

Sundry Items — Y

"

7,642

.02

153

Placing rail braces Y

"

299,512

10.00

2,995

Framing and Placing Bridge Ties M = 2915

M.B.M.

299,512

10.00

2,995

Placing derails, split with stand M = 30

Each

4

7.50

30

" " " " no " Y

"

6

5.00

30

Total (All Tracks)

Total for Valuation Section

85

238,547

202,765

ACCOUNT 13 - RIGHT OF WAY FENCES.All Tracks - 117.189 Miles Fence. \$242.04 PER MILE.

Cedar Posts

61

Each

40091

8,704

5,351

Barbed Wire

67

Cwt.

1106.61

2.55

2,822

1,891

Woven Wire

67

"

841.92

2.50

2,105

1,410

Stakes in Place

90

Each

6783

0.15

1,017

915

Wire Stays

67

"

9251

0.03

278

186

Lumber in Place

90

M.B.M.

237.210

25.50

6,049

5,444

Labor Setting Posts

61

Each

40091

5,097

3,098

" Stringing Barbed Wire, Posts spaced over 12'

50

Wire Mi.

312.021

4.00

1,248

624

" " 24"-60" Woven Wire, Posts spaced over 12'

50

Fence"

29.747

881

441

Cattle Guards, Wood Surface, Single Track

50

Each

71

17.75

1,260

630

Sundry Items

59

364

225

Total for Valuation Section

68

29,645

20,215

ACCOUNT 14 - SNOW AND SAND FENCES AND SNOWSHEDS.All Tracks-1328 Panels Portable Snow Fence. 4.024 MILES = \$1204.77 PER MILE.

Lumber

50

M.B.M.

160.898

29100

4,666

2,333

Nails

50

Cwt.

40.15

2.25

90

45

Bolts and Washers

50

"

18.33

5.00

92

46

1207 Miles Permanent Snow Fence.

Lumber

50

M.B.M.

58.445

27.50

1,607

804

Nails

50

Cwt.

37.26

2.25

84

42

Posts, Cedar

50

Each

796

0.87

693

346

Stakes

50

"

1592

0.15

239

120

Total for Valuation Section

50

7,471

3,736

ACCOUNT 15 - CROSSINGS AND SIGNS.Overgrade Crossings-Overgrade Highway Crossing - M.P. 68+4270

19 Spans 20 Frame bents, 299 Ft. Long. frame

Excavation 299 ft. long. trestle

Timber

M.B.M.

92.630

43.00

40

Iron

Lb.

5,400

0.04

216

Total (Overgrade Crossings)

50

4,239

3,391

176 Grade Crossings-

Excavation, Common

100

Cu.Yd.

14339

.21

3,011

3,011

Embankment Borrow, Common

100

"

16128

.21

3,387

3,387



B. V. Form No. 561

INTERSTATE COMMERCE COMMISSION  
BUREAU OF VALUATION

Owner **Northern Pacific Railway Company**

Sheet No. \_\_\_\_\_ of this valuation section.

Val. Section No. **Minn. 15** Miles Main Line, \_\_\_\_\_ Miles all Tracks.\*

Approved: **C.H.Spencer**

LOCATION. (1)	CHARACTER OF PROPERTY AND DESCRIPTION. (1)	Condition Per Cent. (2)	Per Cent of Cost New. (3)	UNIT. (2)	NUMBER OF UNITS. (3)	COST OF REPRODUCTION.		
						Per Unit. (4) \$	New, Total. (5) \$	Less Depreciation (6) \$

Acct. No. **15** Title **CROSSINGS AND SIGNS. (Continued)**  
(L.C.C. Classification.)

176 Grade Crossings --(Cont'd.)

Embankment, cinders	100	Cu.Yd.	39	.76	30	30	
Embankment Borrow, Gravel	100	"	675	0.63	425	425	
Planking	50	M.B.M.	93.843	33.85	3,120	1,560	
Iron	50	Cwt.	39.31	4.00	157	79	
Cedar Piling, 6" to 12"	50	Lin.Ft.	405	0.42	170	85	
Concrete Paving	80	Sq.Yd.	170	1.17	199	159	
Crossing Signal Bells	96	Each	1	434.00	434	417	
Warning Signs	70	"	95	5.00	475	332	
Wagon Bridge & Culvert Lumber	75	M.B.M.	223.217	43.00	9,598	7,199	
Iron	75	Cwt.	50.19	4.00	201	151	
Excavation, Common	75	Cu.Yd.	1204	0.50	602	452	
" , wet	75	"	20	1.50	30	23	
Vitrified Pipe Culverts, 24"	78	Lin.Ft.	2535	1.75	4,436	3,460	
" " " 18"	78	"	631	1.05	663	517	
" " " 12"	78	"	106	.66	70	55	
" " " 8"	78	"	52	.37	19	15	
Reinforced Concrete Pipe culverts 6"	94	"	12	.75	9	8	
Cast Iron Pipe Culverts, 24" to 48"	78	Net Ton	65.954	41.25	2,721	2,122	
Corrugated iron pipe culvert 24"	83	Lin.Ft.	20	1.45	29	24	
Riprap, hand placed	90	Cu.Yd.	24	2.00	48	43	
Ties, second hand	50	Each	102	.25	26	13	
Rubble Masonry	78	Cu.Yd.	16	7.50	120	94	
Concrete	70	"	10	8.50	85	60	
Riprap, loose	90	"	68	1.50	102	92	

Total (Grade Crossings) 79 30,167 23,813

Signs--

623 Mile Markers and Other Signs	70	Each	623		994	697	
Cobble Paving	90	Sq.Ft.	525	0.075	39	35	

Total (Signs) 71 1,033 732

Total for Valuation Section 79 35,439 27,936



dmc

B. V. Form No. 361

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

Sheet No. \_\_\_\_\_ of this valuation section.

Val. Section No. **Minn. 15**

Miles Main Line, \_\_\_\_\_ Miles and Tracks, \_\_\_\_\_

Approved: **Jno. A. Galvin.**

LOCATION.

Where two or more percentages are stated it represents both per cents.

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.

(4)

(5)

(6)

Acct. No. **16.** Title **STATION AND OFFICE BUILDINGS.**Hitterdale, Mile 6.0

Passenger and freight depot, 15'x48' frame, built 1902	70	Each	1	1,400	980
Furniture	50			370	185
Platform 1530 sq.ft. frame	74	"	1	314	232
" 85 cu.yds. cinders	50	"	1	164	82
Sundry items	55			62	34
Total	65			2,310	1,513
Stock yard 48'x48'	60	"	1	332	199
Total (Hitterdale)	65			2,642	1,712

Ulen, Mile 13.0

Passenger and freight depot, 16'x78' frame, built 1902	70	"	1	2,248	1,574
Furniture	50			524	262
Platforms 1025 sq.ft. frame	74			359	266
Platform 131 cu.yds. cinder and gravel	75	"	1	239	179
" 48 cu.yds. cinder	50	"	1	60	30
Bridging 6850 F.B.M.	80			315	158
Platform 1152 sq.ft. frame	74	"	1	326	241
Sundry items	58			198	115
Total	66			4,269	2,825
Ice house 16'x16' frame, built 1905	74	"	1	204	151
Stock pen 40'x116'	60	"	1	518	311
" shelter shed 14'x20' frame	60	"	1	157	94
" well 4'x4'x24' deep	84	"	1	134	113
Total	64			809	519
Total (Ulen)	66			5,282	3,494

Syre, Mile 20.0

Passenger and freight depot, 12'x57' frame, built 1905	75	Each	1	1,159	969
Furniture	50			257	129
Platform 54 cu.yds. cinders	50	"	1	90	45
Sundry items	66			70	46
Total	69			1,576	1,089
Stock pen 47'x97'	60	"	1	346	208
Well 4'x4'x24' deep	84	"	1	85	71
Total	65			431	279
Total (Syre)	68			2,007	1,368

Twin Valley, Mile 27.0

Passenger and freight depot, one story 24'x76' frame, built 1914	94	"	1	3,276	3,079
Furniture	50			405	203
Platform 1440 sq.ft. frame	87	"	1	499	434
" 5512 sq.ft. frame	80	"	1	1,022	818
Grading 120 cu.yds. cinders	100			102	102
Parking 1000 sq.ft. lawn	100			33	33
Sundry items	90			259	233
Total	88			5,596	4,902



dmo

B. V. Form No. 561

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

Sheet No. \_\_\_\_\_ of this valuation section.

Val. Section No. **Minn. 15.**

Miles Main Line, \_\_\_\_\_

Miles all Tracks, \_\_\_\_\_

Approved: **Jno. A. Galvin.**

LOCATION

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

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. **16.** Title **STATION AND OFFICE BUILDINGS. (Cont'd)**Twin Valley, Mile 27.0 (Cont'd).

Stock pen, 50'x100'	60	Each	1	573	344
Shelter shed 14'x50' frame	60	"	1	196	118
Well 3-1/2'x3-1/2'x15' deep	84	"	1	73	61
Total	62			842	523
Total (Twin Valley)	64			6,436	5,425

Gary, Mile 34.0

Passenger and freight depot, 16'x78' frame, built 1905	76	"	1	2,150	1,634
Furniture	50			381	191
Platform 3234 sq.ft. frame	87	"	1	1,125	979
" 864 sq.ft. frame	72	"	1	289	208
Platforms 312 cu.yds. cinders	50			267	134
Walks 1072 sq.ft. frame	72			100	72
Grain covers 5160 F.B.M.	50			184	92
Sundry items	74			185	137
Total (Gary)	74			4,681	3,447

Flaming, Mile 40.0

Passenger and freight depot, 9'x36' converted boxcar body, frame, built 1915	58	"	1	286	166
Furniture	50			25	13
Platform 1920 sq.ft. frame	90	"	1	641	577
" 30 cu.yds. cinders	50	"	1	67	34
Sundry items	70			23	16
Total	77			1,042	806
Stock pen, 48'x49'	60	"	1	194	116
Grading 15 cu.yds. cinders	100			12	12
Well 4'x4'	85			164	138
Total	72			370	266
Total (Flaming)	76			1,412	1,072

Fertile, Mile 46.0

Passenger and freight depot, 16'x115' frame, built 1887	54	"	1	2,558	1,381
Furniture	50			463	232
Platform 3798 sq.ft. frame	67	"	1	848	568
" 1664 " "	80	"	1	459	357
" 10'x23' frame	62	"	1	73	45
" 1174 cu.yds. cinders	50	"	1	1,001	501
Parking 13,300 sq.ft. frame	100			537	537
Walks, cinder 49 cu.yds. conc. curb	50			398	198
Grain covers 23240 F.B.M.	50			823	412
Sundry items	65			285	185
Total	60			7,442	4,426
Track scales, 125 tons, 50' Fairbanks registering beam, steel frame, built 1914	96	"	1	3,041	2,919
Concrete pit 135 cu.yds.	97	"	1	1,965	1,906
Scale house 5'x14' frame	93	"	1	112	104
Outside piping	90			28	25
Total	96			5,146	4,954



dms

B. V. Form No. 561

INTERSTATE COMMERCE COMMISSION  
BUREAU OF VALUATION

Owner **Northern Pacific Railway Company**

Sheet No. \_\_\_\_\_ of this valuation section.

Val. Section No. **Minn. 15**

Miles Main Line, \_\_\_\_\_

Miles all Tracks, \_\_\_\_\_

Approved: **Jno. A. Galvin.**

LOCATION.

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

CHARACTER OF PROPERTY AND DESCRIPTION.

(1)

Condition  
Per Cent.

Per Cent.  
of Cost  
New.

UNIT.  
(2)

NUMBER OF  
UNITS.  
(3)

COST OF REPRODUCTION.

Per Unit.  
(4)

New Total.  
(5)

Less Depreciation.  
(6)

Acct. No. **16.** Title

**STATION AND OFFICE BUILDINGS.**

Fertile, Mile 46.0(Cont'd).

Stock pen, 96'x100'	60	Each	1	566	340
Shelter shed 14'x48' frame	60	"	1	188	113
Scales, 4 ton Fairbanks	70	"	1	114	80
Outside piping	70	"		521	365
Concrete pit 16 cu.yds.	70	"	1	132	92
Total	65			1,521	990
Total (Fertile)	73			14,109	10,370

Melvin, Mile 54.0

Passenger depot, 8'x34' converted box car body frame, built 1914	57	"	1	264	150
Platform 25 cu.yds. common	1 00			83	83
Sundry items	70			23	16
Total	67			370	249
Passenger depot, 8'x28' converted box car body frame, built 1914	57	"	1	234	133
Furniture	50			18	9
Total	56			252	142
Stock chute 4'x16'	50	"	1	24	12
Total (Melvin)	62			646	403

Kankel, Mile 59.0

Passenger depot, 8'x34' converted box car body, frame, built 1915	58	"	1	264	153
Furniture	50			24	12
Platform 27 cu.yds. gravel	75	"	1	61	46
Platform 5930 F.B.M.	80	"	1	292	234
Total (Kankel)	69			641	445

Harold, Mile 62.0

Platform 1248 sq.ft. frame, built 1917	1 00	"	1	345	345
" 25 cu.yds. gravel	75	"	1	20	15
Total (Harold)	99			365	360

Crookston, Mile 69.0

Passenger and freight depot, one story 24'x153' frame, built 1896	62	"	1	5,108	3,167
Furniture	50			839	420
Platform 8863 sq.ft. brick	75	"	1	1,110	833
" 2490 sq.ft. frame	74	"	1	512	379
Planking 7'x51' frame	50	"		83	42
Platform 1528 sq.ft. frame	74	"	1	328	243
Embankment	100			1,110	1,110
Walks 360 cu.yds. embankment	100			144	144
Sundry items	72			731	526
Total	69			9,965	6,864
Stock pen, 31'x40'	60	"	1	340	204
Total (Crookston)	69			10,305	7,068



B. V. Form No. 561

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

Sheet No. \_\_\_\_\_ of this valuation section.

Val. Section No. **Minn. 15**

Miles Main Line, \_\_\_\_\_ Miles all Tracks, \*

Approved: **Jno. A. Galvin.**

LOCATION

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

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. **16.** Title **STATION AND OFFICE BUILDINGS.**Hixon, Mile 76.0Platform 264 cu.yds. cinders  
" 14'x77' frame  
Sundry items50  
58  
50Each  
"  
"1  
1  
1261  
436  
60131  
254  
30

Total (Hixon)

55

759

415

Freeman, Mile 80.0Platform 1120 sq.ft. cinders  
" 1504 " frame, built 1912  
Sundry items50  
72  
50"  
"  
"1  
1  
1174  
413  
3587  
297  
18

Total (Freeman)

65

622

402

Vannet, Mile 83.0Platform 1248 sq.ft. frame, built 1913  
Sundry items74  
80"  
"1  
1333  
1246  
1

Total (Vannet)

74

334

247

Davidson, Mile 85.0Passenger and freight depot, 8'x34' converted box car body,  
frame, built 1913  
Furniture  
Platform 1338 sq.ft. frame  
" 656 sq.ft. frame56  
50  
74  
74"  
"  
"  
"1  
1  
1  
1264  
29  
294  
161146  
15  
218  
119

Total

67

746

500

Stock pen 32'x48'

60

"

1

255

153

Total (Davidson)

65

1,003

653

Hesbit, Mile 86.0

Grain covers

50

47

24

Total (Hesbit)

80

47

24

Cummings, Mile 88.0Platform 984 sq.ft. frame, built 1911  
Sundry items67  
50"  
"1  
1293  
11196  
6

Total (Cummings)

66

304

202

Sullivan, Mile 93.0Platform 1254 sq.ft. frame  
Crossings 168 sq.ft. frame67  
50"  
"1  
1340  
80323  
76

Total (Sullivan)

95

420

399

East Grand Forks, Mile 96.0Passenger depot, two story 25'x67' basement 14'x24' frame,  
built 1907  
Furniture  
Platform 1664 sq.ft. frame  
Platform 4880 sq.ft. frame  
Grounds 720 cu.yds. gravel 1603 cu.yds. cinder  
Outside piping  
Outside piping80  
50  
72  
74  
58  
80  
80"  
"  
"  
"  
"  
"  
"1  
1  
1  
1  
1  
1  
17,136  
947  
460  
776  
1,891  
1,444  
3165,709  
474  
331  
574  
1,097  
1,155  
253

Total

74

12,970

9,593

Revised Aug. 1, 1926.



NORTHERN PACIFIC RAILWAY COMPANY

VALUATION DEPARTMENT  
INTERSTATE COMMERCE COMMISSION

Owner **NORTHERN PACIFIC RAILWAY COMPANY**

State of \_\_\_\_\_

Sheet No. \_\_\_\_\_ of this valuation section

Val. Section No. **Minn. 15** Miles Main Line, \_\_\_\_\_ Miles all Tracks \*

Approved: **Jno. A. Gelvin**

LOCATION. (1)	Where but a single percentage is stated it represents both per cents CHARACTER OF PROPERTY AND DESCRIPTION	Condi- tion Per Cent	Per Cent of Cost New	UNIT (2)	NUMBER OF UNITS (3)	COST OF REPRODUCTION		
						Per Unit (4)	New Total (5)	Less Depreciation (6)
						\$	\$	\$
Acct. No. <b>16</b> Title <b>STATION AND OFFICE BUILDINGS (Cont'd.)</b> (I. C. C. Classification)								
<b>East Grand Forks, Mile 96.0 (Cont'd.)</b>								
	Freight house, one story 24'x123' frame, built 1905	76		Each	1		4,770	3,625
	Furniture	50					875	438
	Platform 1787 sq.ft. frame	72		"	1		408	294
	Outside piping	80					342	274
	Total	72					6,395	4,631
	Lamp house, 7'x12' frame, built 1905	61		"	1		176	107
	Furniture	50					210	105
	Coal shed 10'x21' frame	54		"	1		206	111
	" " 10'x31' frame	54		"	1		304	164
	Ice room 7' x 9' frame	54		"	1		62	33
	Sundry Items	66					42	28
	Total	55					1,000	548
	Ice houses 47'x68-1/2' frame, built 1907	78		"	1		4,138	3,228
	" " 31'x42' frame, built 1904	70		"	1		1,531	1,072
	" " 37x37' frame, built 1913	90		"	1		1,720	1,548
	Platform 611 sq.ft. frame	50		"	1		146	73
	Outside piping	80					72	58
	Sundry Items	72					60	43
	Total	79					7,667	6,022
	Yard Office 10 1/2'x24' frame, built 1912	75		"	1		300	225
	Sundry items	70					43	30
	Total	74					343	255
	Switchman's house, 12'x24' frame, built 1912	80		"	1		326	261
	Furniture	50					32	16
	Total	77					358	277
	Track scales, 125 tons, 50' Fairbanks regis. beam, wood frame, built 1912	93		"	1		3,041	2,828
	Concrete pit 102 cu.yds.	95		"	1		974	925
	Scale house 6'x9' frame	90		"	1		70	63
	Outside piping	70					203	142
	Total	92					4,288	3,958
	Stock pen 32'x64' & shelter shed 11'x32' frame	60		"			454	272
	Total (East Grand Forks)	76					33,475	25,556
	Station signs located at Nada, Cummings, Equation, Anglin, Vannet, Nesbit, Sullivans, Heiberg						54	27
	Grading, 14 cu.yds. common	100					7	7
	Total	56					61	34
	Total for Valuation Section	74					85,553	63,096
<b>ACCT. 17 - ROADWAY</b>								
<b>Hittedale, Mile 6.0</b>								
	Section house, one and one-half story 16'x32' with one story 14'x16' frame, built 1902	68		Each	1		1,699	1,155
	Well	90					57	51
	Total	69					1,756	1,206
Revised Aug. 1, 1926								
State mileage to thousandths.								



B. V. Form No. 561

INTERSTATE COMMERCE COMMISSION  
BUREAU OF VALUATIONOwner Northern Pacific Railway Company

Sheet No. \_\_\_\_\_ of this valuation section.

Val. Section No. Minn. 15

Miles Basic Line, \_\_\_\_\_ Miles all Tracks, \*

Approved: Jno. A. Galvin.

LOCATION.

Where two single percentages are 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. (4)	New, Total. (5)	Less Depreciation. (6)
Acct. No. <u>17.</u>	Title <u>ROADWAY BUILDINGS.</u>							

Hitterdale, Mile 6.0 (Cont'd).

Bank house 8'x34' conv. carbody, installed 1915	58	"	1		296	172
Tool house 10'x14' frame, built 1897	33	"	1		170	56
Barn 14'x25' frame, built 1902	45	"	1		162	73
Sundry items	74				207	153
Total (Hitterdale)	64				2,591	1,660

Ulan, Mile 13.0

Section house, two story 16'x32' with one story 14'x15' addition frame, built 1905	74	"	1		1,845	1,365
Parking 5000 sq.ft.	100				165	165
Well	76	"	1		95	72
Total	76				2,105	1,602
Tool house 10'x12', 10'x14' frame, built 1917-1909	56	"	2		234	131
Cinders 80 cu.yds.	100				68	68
Total	66				302	199
Embankment 243 cu.yds.	100				122	122
Sundry items	56				168	94
Total (Ulan)	75				2,697	2,017

Twin Valley, Mile 27.0

Section house two story 20'x32' with one story 14'x16' addition frame, built 1905	74	"	1		2,270	1,680
Well	76	"	1		95	72
Total	74				2,365	1,752
Tool house 10'x14' frame, built 1902	45	"	1		132	59
Barn 14'x16' frame, built 1902	43	"	1		218	94
Sundry items	63				284	179
Total (Twin Valley)	69				2,999	2,084

Gary, Mile 34.0

Section house one and one-half story 16'x32' with one story 14'x16' addition frame, built 1887	54	"	1		1,709	923
Garden 6800 sq.ft.	100				224	224
Well	63				47	30
Total	59				1,980	1,177
Barn 16'x18' frame, built 1902	45	"	1		229	103
Ice house 15'x16' frame, built 1909	80	"	1		159	135
Tool house 10'x14' frame, built 1897	33	"	1		124	41
Sundry items	53				161	85
Total (Gary)	58				2,663	1,541

~~XX REVISIONS MADE BY XX, 1924.~~ Revised Aug. 1, 1926.

dmc

B. V. Form No. 561

INTERSTATE COMMERCE COMMISSION  
BUREAU OF VALUATION

Owner Northern Pacific Railway Company

Sheet No. \_\_\_\_\_ of this valuation section.

Val. Section No. Minn. 15

Miller Main Line,

Miles and Tracks.

Approved: Jno. A. Calvin.

LOCATION.

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

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. 17. Title ROADWAY BUILDINGS. (Cont'd).

Fertile, Mile 45.0

Section house one and one-half story 20'x32' with one story 14'x16' addition frame, built 1897	60	Each	1	2,265	1,359
well	63	"	1	95	60
Total	60			2,360	1,419
Bunk house 8'x34' conv. carbody installed 1912	54	"	1	288	156
Barn 10'x19' with addition 15'x18' frame, built 1903	48	"	1	250	120
Tool house 10'x14', 10'x12' frame, built 1907-1917	75	"	1	227	170
Cinders	100			59	59
Total	60			266	229
Garden 21,700 sq.ft.	100			716	716
Sundry items	63			335	212
Total (Fertile)	67			4,236	2,852

Melvin, Mile 53.0

Section house, two story 20'x34' with one story 15'x16' addition frame, built 1887	45	Each	1	2,554	1,149
well	54	"	1	95	51
Total	45			2,649	1,200
Bunk house 8'x28' conv. carbody installed 1915	58	"	1	256	148
Tool house 10'x12' frame, built 1887	30	"	1	130	39
Ice house 13'x16' frame, built 1917	100	"	1	202	202
Sundry items	57			82	47
Total (Melvin)	49			3,319	1,636

Harold, Mile 61.0

Section house, one and one-half story 20'x34' with one story 15'x16' addition frame, built 1889	48	"	1	2,314	1,111
Bunk house 8'x34' conv. carbody, installed 1909	50	"	1	284	142
Tool house 10'x12' frame, built 1905	54	"	1	179	97
Gravel	100			35	35
Total	62			214	132
Sundry items	70			368	258
Total (Harold)	52			3,180	1,643



Approved: Jno. A. Galvin

State mileage to thousandths.



dmc

D. V. Form No. 561.

Owner Northern Pacific Railway CompanyINTERSTATE COMMERCE COMMISSION  
DIVISION OF VALUATION

Sheet No. \_\_\_\_\_ of \_\_\_\_\_ sheets (this series).

Val. Section No. Minn. 15 Miles Main Line, \_\_\_\_\_ Miles All Tracks, \_\_\_\_\_Approved: F.B. Scheetz & J.W. Barrie.

LOCATION. (1)	CHARACTER OF PROPERTY AND DESCRIPTION. (2)	Condition Per Cent of Cost New. (3)	UNIT. (4)	NUMBER OF UNITS. (5)	COST OF REPRODUCTION.		
					Per Unit. (6)	New, Total. (7)	Less Depreciation. (8)
Acct. No. <u>18.</u>	Title <u>WATER STATIONS.</u>				\$	\$	\$

Ulen, Mile 13.0

Pump house, one story 12'x12' brick concrete foundation, built 1910;	90	Each	1		711	640	
Equipment	90				582	524	
Gas cellar 14'x5' concrete lined, 1-600 gal. tank	90	"	1		131	118	
Pipe lines	70				42	29	
Total	89					1,466	1,311
Tank 24' dia. x 16' high wood tub on wood tower, concrete foundation, built 1914	96	"	1		2,559	2,457	
Well 16' dia. x 40' deep, wood lined 8" dia. x 87', drilled well in bottom	80	"	1		1,911	1,529	
Total (Ulen)	89					5,936	5,297

Twin Valley, Mile 27.0

Pump house 12'x14' frame, built 1902	80	"	1		314	251	
Equipment	80				694	555	
Retaining wall 83' long, concrete built 1914	95	"	1		226	215	
Pipe lines	70				67	47	
Total	82					1,301	1,068
Tank 24' dia. x 16' high, wood tub on housed wood tower, concrete foundation	80	"	1		2,375	1,900	
Well 6" dia. x 150' deep, built 1902	80	"	1		442	354	
Sundry items	80				221	177	
Total (Twin Valley)	81					4,339	3,499

Fertile, Mile 45.0

Pump house 12'x14' frame		"	1		391		
Equipment					907		
Gas cellar 4'x12' wood lined 1-200 and 1-600 gal tank		"	1		173		
Total	80				1,471	1,177	
Tank 24' dia. x 16' high, wood tub on 18' housed wood tower, masonry foundation	80	"	1		2,969	2,375	
Well 8" dia. x 287' deep	80	"	1		1,207	966	
Pipe lines	70				2,453	1,717	
Total (Fertile)	77					8,100	6,235

Crookston, Mile 68.0

Tank 24' dia. x 16' high, wood tub on housed wood tower, concrete foundation, built 1907	80	"	1		2,382	1,906	
Pipe lines	70				342	239	
Total (Crookston)	89					2,724	2,145



D. V. Form No. 531.

INTERSTATE COMMERCE COMMISSION  
DIVISION OF VALUATION

Owner Northern Pacific Railway Company

Sheet No. \_\_\_\_\_ of \_\_\_\_\_ sheets (this series).

Val. Section No. Minn. 15 Miles Main Line, \_\_\_\_\_ Miles all Tracks.

Approved: P.B. Scheets & J.W. Barrie.

LOCATION. \_\_\_\_\_ Where but one per cent is stated it represents both.

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.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
				\$	\$	\$

Acct. No. 18. Title WATER STATIONS. (Cont'd).  
(I. C. C. classification.)

East Grand Forks, Mile 95.0

Pump house, 16'x30' frame, built 1898	60	Each	1	1,051	631
Equipment	80			771	617
Total	68			1,822	1,248
Tank 24' dia. x 16' high, wood tub on 15' wood tower, masonry foundation	80	"	1	2,643	2,114
Tank 24' dia. x 16' high, wood tub on 29' wood tower, masonry foundation, built 1912	80	"	1	2,961	2,369
Pipe lines	70			2,696	1,887
Total (East Grand Forks)	75			10,122	7,618
Total for Valuation Section	79			31,221	24,794

Acct. 19 - FUEL STATIONS.

Approved: F.T. Oakley.

Fertile, Mile 46.0

Coal dock 31'x39' frame, 2 pocket serving 1 tracks, Bucket hoist machinery, built 1913	90	Each	1	7,748	6,973
Engine house 12'4"x24' brick with 11 HP gas engine, built 1913	90	"	1	1,505	1,354
Total (Fertile)	90			9,253	8,327

East Grand Forks, Mile 96.0

Coal dock 34'x39' frame, 2 pocket serving 1 track, Bucket hoist machinery, built 1913	90	"	1	7,748	6,973
Engine house 12'4"x24'8" brick with 15 HP motor & wiring built 1913	90	"	1	1,444	1,300
Total (East Grand Forks)	90			9,192	8,273
Total for Valuation Section	90			18,445	16,600

Acct. 20 - SHOPS AND ENGINEHOUSES.

Approved: Jno. A. Galvin.

East Grand Forks, Mile 95.0

Round house 18 stalls 67' deep brick, built 1888-98	70	Each	1	49,580	35,089
Contents	50			468	234
Total	71			50,048	35,323
Turntable 70' thru plate girder built 1912	90	"	1	5,157	4,658
Boiler house 44'x44' brick, built 1898	73	"	1	4,241	3,096
Contents	50			101	51
Stack 2'6" dia. 65' high steel	24	"	1	444	107
Total	68			4,786	3,254

dmc

B. V. Form No. 561

INTERSTATE COMMERCE COMMISSION  
BUREAU OF VALUATION

Owner **Northern Pacific Railway Company**

Sheet No. \_\_\_\_\_ of this valuation section.

Val. Section No. **Minn. 15**

Miles Main Line, \_\_\_\_\_ Miles all Tracks.\*

Approved: **Jno. A. Galvin.**

LOCATION.

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

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. **20.** Title **SHOPS AND ENGINEHOUSES.**East Grand Forks, Mile 95.0 (Cont'd).

Blacksmith shop 23'x33' brick, built 1901	76	Each	1	2,363	1,796
Contents	50			28	14
Total	76			2,391	1,810
Store house 16'x71' one and one-half story frame, built 1905	74	"	1	1,402	1,037
Contents	50			252	116
Platforms 900 sq.ft. frame	67	"	2	148	99
Total	70			1,782	1,252
Oil house 18'x27' brick, built 1898	73	"	1	1,086	793
Contents	50			221	111
Total	69			1,307	904
Cinder pit 4'x55' concrete built 1904	70	"	1	956	669
Motor house 10'x14' frame	60	"	1	266	160
Machinery	50			412	206
Total	63			1,634	1,035
Sand house 21'x25' brick, built 1898	73	"	1	1,349	985
Equipment	50			578	289
Total	66			1,927	1,274
Tool house 34' carbody installed 1902	40	"	1	171	68
Fuel shed 21'x23' frame, built 1898	36	"	1	326	117
Contents	50			14	7
Total	36			340	124
Fuel oil cellar 10'x10'-12' deep frame with 8' dia. x 8' deep tank built 1912	90	"	1	319	287
Car repair store house 17'x25' frame, built 1902	70	"	1	407	285
Contents	50			85	43
Total	67			492	328
Car repair shop and office 17'x25' frame, built 1902	70	"	1	676	473
Contents	50			146	73
Total	66			822	546
✓ Carpenter shop 21'x31' two story frame, built 1907	80	"	1	1,068	854
Contents	50			43	22
Total	79			1,111	876
✓ Store house 11'x24' frame, built 1902	70	"	1	317	222
Fire equipment house 9'x15' frame, built 1910	80	"	1	166	149
Equipment	50			180	90
Total	65			366	239
Lumber shed 23'x27' frame, built 1902	54	"	1	449	242
Pipe lines	80			4,885	3,908
Sundry items	66			745	492
Total (East Grand Forks)	72			79,049	56,842
Total for Valuation Section	72			79,049	56,842



B. V. Form No. 561

INTERSTATE COMMERCE COMMISSION  
BUREAU OF VALUATION

Owner **Northern Pacific Railway Company**

Sheet No. \_\_\_\_\_ of this valuation section.

Val. Section No. **Minn. 15**

Miles Main Line, \_\_\_\_\_ Miles all Tracks, \_\_\_\_\_

Approved: **W. H. O'Loughlin**

LOCATION. \_\_\_\_\_ Where but a single percentage is stated it represents both per cents.  
CHARACTER OF PROPERTY AND DESCRIPTION. \_\_\_\_\_  
(1) Condition Per Cent. (2) Per Cent. of Cost (3) UNIT. (4) NUMBER OF UNITS. (5) Per Unit. (6) New, Total. (7) Less Depreciation.

Acct. No. **27.** Title **SIGNALS AND INTERLOCKERS.**

Carman, Minn. (Redland)

20 lever mechanical interlocker including four power signals installed 1910;

Cost of Reproduction  
New : Less Depr.  
9,076 7,715

Total cost

84 85

Owned by:

Great Northern Ry. Co. 0%

Northern Pacific Ry. Co. 100%

84 85

9,076 7,715

Two story 12'3"x18'4" frame tower including frame supply house 8'x18', outhouse tools and furniture;

Cost of Reproduction  
New : Less Depr.  
1,878 1,665

89

Owned by:

Great Northern Ry. Co. 0%

Northern Pacific Ry. Co. 100%

89

1,878 1,665

Various Locations.

Disc. type train order signals

85

Each

6 33.00

198

168

Total for Valuation Section

86

11,152 9,548

Acct. 32 - POWER DISTRIBUTION SYSTEMS.

Approved: **W. A. Johnston**

East Grand Forks

Electric lines serving all facilities

26 46

871

404

Air lines serving all facilities

62 62

177

110

Total for Valuation Section

49

1,048 514

Acct. 33 - POWER LINE POLES AND FIXTURES.

East Grand Forks.

Poles and fixtures for all electric lines

22 22

446

98

Total for Valuation Section

22

446 98

Acct. 35 - MISCELLANEOUS STRUCTURES.

Approved: **Jno. A. Galvin**

East Grand Forks, Mile 95

Bank houses 8'x34' convertible carbodies, installed 1905  
Contents

45  
50

Each

2

552  
54

248  
27

Total for Valuation Section

45

606 275

B. V. Form No. 561

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

Sheet No. \_\_\_\_\_ of this valuation section.

Val. Section No. **Minn. 15**

Miles Main Line, \_\_\_\_\_ Miles all Tracks, \*

Approved: **E. Johnston.**

LOCATION.

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

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. **37.** Title**ROADWAY MACHINES.****Hand cars,**

Buda #1 insulated	65	65	Each	1	30.17	30	20
Buda #1, non-insulated	65	65	"	1	25.50	26	17
Sheffield #1, insulated	65	65	"	3	30.41	91	59
Sheffield #1, non-insulated	65	65	"	8	29.41	235	153
Sheffield #1, insulated equipped with engine, engine owned by foreman	65	65	"	1	38.61	39	25
Sheffield #1, non-insulated equipped with engine, engine owned by foreman	65	65	"	12	36.01	432	281
Total (Hand Cars)		65				553	355

**Push Cars,**

Sheffield #4, non-insulated	65	65	"	16	21.76	348	226
Sheffield #4, insulated	65	65	"	1	22.76	23	15
Buda #4, non-insulated	65	65	"	5	21.89	108	70
Total (Push Cars)		65				479	311

**Velocipedes Sheffield #1**

	65	65	"	1	30.11	30	20
--	----	----	---	---	-------	----	----

**Motor cars, Buda #11**

	65	65	"	1	172.17	172	112
--	----	----	---	---	--------	-----	-----

" Sheffield #15, with 6 HP Fairmont engine

	65	65	"	1	457.06	457	296
--	----	----	---	---	--------	-----	-----

**Total (Motor Cars)**

	65					629	410
--	----	--	--	--	--	-----	-----

**Snow plow center wedge # MP 419 and 421**

	75	75	"	2	243.80	488	366
--	----	----	---	---	--------	-----	-----

**Total for Valuation Section**

	67					2,479	1,662
--	----	--	--	--	--	-------	-------

**Acct. 38 - ROADWAY SMALL TOOLS.**

Section tools	50		Set	16	85.00	1,360	680
Extra gang tools	50		"	1	123.00	123	62
B. & B. gang tools	50		"	2	123.00	246	123
Total for Valuation Section		50				1,729	865

**Acct. 44 - SHOP MACHINERY.****East Grand Forks.****Engine House, boiler Room;**

Boiler from old locomotive, tube surface 1416 sq.ft., 100# pressure, Baldwin including breeching	42	42	Each	2	1552.00	3,104	1,304
Pump horizontal, duplex, cylinders 10"x7"x12", Fairbanks-Morse 1902, including piping	40	42	"	1	405.00	405	170
Pump horizontal, duplex, cylinders 7- $\frac{1}{2}$ "x4 $\frac{1}{2}$ "x10", Balke, 1895, including piping	19	21	"	1	181.00	181	38
Air compressor horizontal straight line steam driven, cylinders 10"x10"x10", Ingersoll Rand 1911 including piping	76	77	"	1	790.00	790	606
Air compressor locomotive type, cylinders 9 $\frac{1}{2}$ "x8 $\frac{1}{2}$ "x10", Westinghouse including piping	60	61	"	2	104.00	208	126

~~Revised Aug. 1, 1924~~ Revised Aug. 1, 1926.



dms

B. V. Form No. 561

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

Sheet No. \_\_\_\_\_ of this valuation section.

Val. Section No. **Minn. 15**

Miles Main Line, \_\_\_\_\_

Miles all Tracks, \_\_\_\_\_

Approved: **W. J. Johnston**

LOCATION:

Where data single percentage is stated it represents both per cents.

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. **44.**

Title

**SHOP MACHINERY. (Cont'd).**East Grand Forks. (Cont'd).Engine House, Boiler Room. (Cont'd).

Air reservoir, 29"x67", Fairbanks-Morse 1911, including piping	40	40	Each	2	35.00	70	28
Steam engine, vertical, two cylinders 10"x9", Westinghouse, 1898, including piping	24	26	"	1	521.00	521	136
Motor A.C. 25 HP, 1150 r.p.m. 220 volts, 3 phase, General Electric 1911, including wiring	74	75	"	1	316.00	316	236
Generator 35 K.W. D.C., 950 r.p.m. 250 volts, Westinghouse 1898, including wiring	37	39	"	1	590.00	590	230
Switchboard single panel 48"x24"x2", Westinghouse 1898	40	42	"	1	151.00	151	63
Tank 3'x6' Northern Pacific Ry.Co. 1899	28	28	"	1	46.00	46	13
Piping, steam exhaust, air and water, miscellaneous lot	69	69				530	366
Total (Engine House Boiler Room)		48				6,912	3,316

Engine House:

Lathe, engine 24"x12", belt drive, Putnam 1871	25	28	"	1	904.00	904	252
Lathe, engine 16"x6'5", belt drive, Porter machine works	26	28	"	1	382.00	382	108
Shaper traveling head 16"x6' belt drive, Miles 1883	32	34	"	1	1264.00	1,264	436
Drill vertical 30" belt drive, Putnam	30	32	"	1	451.00	451	146
Grindstone 48"x8" belt drive, Northern Pacific Ry.Co.	75	75	"	1	45.00	45	34
Pump horizontal single cylinders 6"x3 1/2"x6", Wells, including piping	39	40	"	1	134.00	134	53
Drop pit jack, engine driver, Northern Pacific Ry.Co. 1900, including piping	43	48	"	1	283.00	283	137
Drop pit jack, engine truck, Northern Pacific Ry.Co. 1903, including piping	53	56	"	1	245.00	245	137
Screw press hand operated, Northern Pacific Ry.Co.	50	53	"	1	51.00	51	27
Shafting, hangers, pulleys and supports, miscellaneous lot	46	50				91	46
Belting, leather, miscellaneous lot	67	67				224	150
Tools and devices, hand and portable, miscellaneous lot	65	66				3,698	2,431
Total (Engine House)		51				7,772	3,956

Repair Tracks:

Tools and devices, hand and portable, miscellaneous lot	65	66				1,041	684
---	----	----	--	--	--	-------	-----

Total for Valuation Section

51

15,725

7,956