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B. V. Form No. 563
Owner **Northern Pacific Railway Company**
Operating Company **do.**
Division **Idaho** State **Idaho**
Valuation Section No. **Idaho 2**
From **Hander** to **Coeur d'Alene**
13.089 Miles Main Line, **18.042** 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 **Nov. 5**, 19**29**
Compiled by **F.A.Mc.**
Correct **Louis Hood** Report **Engineer**
Approved _____ Engineer

B. and O. Account Number	CLASSES	ORIGINAL COST TO DATE	COST OF REPRODUCTION		B. and O. Account Number	REMARKS
			Now	Less Depreciation		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	I. ROAD:	\$	\$	\$		
1	Engineering.		10,017	10,017	1	Includes the Carrier's interest in certain joint property. See explanatory text, paragraph 12.
2	Land for transportation purposes,				2	
3	Grading.		42,210	42,072	3	
4	Underground power tubes,				4	
5	Tunnels and subways,				5	
6	Bridges, trestles, and culverts,		43,311	29,630	6	
7	Elevated structures,				7	
8	Ties,		30,621	15,598	8	
9	Rails.		49,141	39,661	9	
10	Other track material,		11,091	7,145	10	
11	Ballast,		665	333	11	
12	Track laying and surfacing,		20,185	13,928	12	
13	Right-of-way fences,		1,160	580	13	
14	Snow and sand fences and snowsheds,				14	
15	Crossings and signs,		1,973	1,239	15	
16	Station and office buildings,		14,671	13,127	16	
17	Roadway buildings,		1,358	839	17	
18	Water stations,		88	61	18	
19	Fuel stations,				19	
20	Shops and engine houses,				20	
21	Grain elevators,				21	
22	Storage warehouses,				22	
23	Wharves and docks,		1,336	868	23	
24	Coal and ore wharves,				24	
25	Gas producing plants,				25	
26	Telegraph and telephone lines,				26	
27	Signals and interlockers,		34	29	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,		4,393	3,591	36	
37	Roadway machines,		184	119	37	
38	Roadway small tools,		170	85	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,		232,608	178,922		
	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 Nov. 20, 1929.

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B. V. Form No. 561

INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION

Sheet No. _____ of this valuation section.

Owner Northern Pacific Railway Company.

Approved: C. H. Spencer

Val. Section No. 2-Idaho 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.		
		Condition Per Cent.	Per Cent. of Cost New.			Per Unit.	New, Total.	Less Depreciation.
(1)				(2)	(3)	(4)	(5)	(6)
	Acct. No. 3 Title GRADING					\$	\$	\$
	(I. C. C. classification.)							
All Tracks:								
	Clearing	100		Acre	53.64	39.00	2,092	2,092
	Grubbing	100		"	14.00	222.00	3,108	3,108
	Excavation:							
	Common	100		Cu.yd.	145404	.23	33,443	33,443
	Loose rock	100		"	5605	.45	2,522	2,522
	Team overhaul 500' free	100		CY Sta.	60345	.0125	754	754
	Protection of Roadway:							
	Riprap 2P.	84		Cu.yd.	6	2.00	12	10
	Timber	50		M.B.M.	12.833	21.25	273	137
	Excavation, common	100		Cu.yd.	10	.50	5	5
	Iron	50		Cwt.	0.27	4.00	1	1
	Total for Valuation Section	100					42,210	42,072

Approved: F. B. Scheetz.

Acct. 6 - BRIDGES, TRESTLES AND CULVERTS.

Combination Bridges:

Bridge 1 - Mile 1; single track, length 150',
built 1886 and 1905.
Substructure - two pile and timber piers
Timber
Piling
Iron
Superstructure - one 150' combination bridge
Steel
Timber
Sundry items

70	M.B.M.	10.800	38.75	419	293
70	Lin.ft.	2200	.46	1,012	708
70	Lbs.	860	.04	34	24
50	54	"	.0520	6,531	3,527
70	M.B.M.	30.900	62.80	1,941	1,359
70				8	6
				9,945	5,917

Total Combination Bridges

Pile and Frame Trestles:

14 pile and frame trestles, total length 2170'
Piling, cedar
Stringers
Other timber
Iron
Galvanized iron fire protection
Excavation, common
Sundry items

	Lin.ft.	14800	.46	6,845	
	M.B.M.	196.000	40.75	7,987	
	"	334.100	38.75	12,946	
	Lbs.	46100	.04	1,844	
	"	13430	.054	725	
	Cu.yd.	424	.50	212	
				324	
				30,883	21,618

Total Pile and Frame Trestles

Pipe and Timber Culverts:

17 cast iron pipe culverts 15" to 24"
3 vitrified pipe " 24"
1 reinforced concrete pipe culvert 24"
1 wood box culvert
Masonry, rubble in mortar
Riprap, hand placed

85	Net ton	48.462	44.50	2,157	1,833
80	Lin.ft.	86	2.30	198	158
85	"	7	4.25	30	26
67	M.B.M.	0.480	40.75	20	13
80	Cu.yd.	2	9.00	18	14
85	Cu.ft.	30	2.00	60	51
				2,483	2,095
				43,311	29,630

Total Pipe and Timber Culverts

Total for Valuation Section

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B. V. Form No. 551

INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION

Sheet No. _____ of this valuation section.

Owner Northern Pacific Railway Company.

Approved: C. H. Spencer.

Val. Section No. Idaho 2 Miles Main Line, Miles all Tracks.*

LOCATION.		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.		
(1)	CHARACTER OF PROPERTY AND DESCRIPTION.	(1)	(2)					Per Unit.	New, Total.	Less Depreciation.
								(4)	(5)	(6)
Acct. No. 8	Title TIES	(I. C. C. classification.)						\$	\$	\$
Main Track:										
	Cross Ties, treated		50	Each		16281	.86		14,002	
	" " pine		50	"		19037	.51		9,709	
	Bridge Ties, "		50	M.B.M.		50.677	14.50		735	
	Switch " fir		50	"		39.655	14.50		575	
	Total Main Track		50						25,021	12,511
Yard Tracks and Sidings:										
	Cross Ties, fir		50	Each		7567	.51		3,859	1,930
	" treated		65	"		25	.86		22	14
	Bridge Ties, fir		70	M.B.M.		97.829	14.50		1,419	993
	Switch " "		50	"		20.710	14.50		300	150
	Total Yard Tracks and Sidings		55						5,600	3,087
	Total for Valuation Section		51						30,621	15,598

Acct. 9 - RAILS

Main Track:

New 75# Bessemer rail, 1907	0.010 Track Miles	60	91	Gr. ton	1.116	38.40	43	39
" 72# " " 1910	0.220 "	72	94	"	24.964	38.40	959	901
" 60# " " 1907	0.004 "	60	91	"	0.429	38.40	16	15
Relay 56# " " 1882-1887	12.840 "	70	80	"	1129.967	30.50	34,464	27,571
Total Main Track			80				35,482	28,526

Yard Tracks and Sidings:

New 75#-72# Bessemer rail, 1907-1910	0.127 "	90	93	"	14.468	38.40	556	517
Relay 66# " " 1889-1895	1.076 "	76	84	"	111.645	30.50	3,405	2,860
" 56# " " 1879-1887	3.613 "	70	80	"	317.983	30.50	9,698	7,758
Total Yard Tracks and Sidings			82				13,659	11,135
Total for Valuation Section			81				49,141	39,661

Acct. 10 - OTHER TRACK MATERIAL

Main Track:

Joints:								
Relay 56# plain angles and fish plates		70	79	Cwt.	1423.53	1.35	1,922	1,518
Spikes 5 1/2"		50		"	919.58	2.11	1,940	970
Bolts		70	75	"	153.61	2.65	409	307
Rail braces		70	74	"	238.37		755	552
Rigid frogs, 60#-56# steel		50	55	Each	15		500	273
Split switches, 60#-56# reinforced steel		50	55	"	15		618	341
High switch stands		59	62	"	15		250	156
Switch guard rails, braced		50	56	Cwt.	112.50	3.25	366	205
Bridge and curve guard rail, 56# relay		63	75	Gr. ton	10.317	30.50	315	236
Sundry items		59	64				310	197
Total Main Track			65				7,385	4,765

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H. V. Form No. 561

INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION

Owner Northern Pacific Railway Company.

Sheet No. of this valuation section.

Val. Section No. Idaho 2 Miles Main Line, Miles all Tracks.*

Approved: C. H. Spencer

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
New.

UNIT.

NUMBER OF
UNITS.

Per Unit.

New, Total.

Less Depreciation.

(1)

(2)

(3)

(4)

(5)

(6)

Acct. No. 10 Title OTHER TRACK MATERIAL
(I.C.C. classification.)

Yard Tracks and Sidings:

Joints:

Relay 66# plain angles

" 56# " " and fish plates

Spikes

Bolts

Rail braces

Bumper, timber

Rigid frogs, 75#-66# steel

" " 60# " "

Split switches, 66# reinforced steel

" " 60#-56# " "

High switch stands

Switch guard rails, braced

Sundry items

Total Yard Tracks and Sidings

Total for Valuation Section

76

83

Cwt.

144.09✓

1.35

195

162

70

79

"

363.95✓

1.35

491

368

50

"

"

399.99✓

2.11

844

422

76

80

"

57.81✓

2.66

154

123

70

74

"

103.35✓

"

339

252

81

81

M.B.M.

1.870✓

25.25

47

38

50

55

Each

4✓

"

149

82

50

55

"

8✓

"

204

156

50

55

"

4✓

41.90

168

93

50

55

"

5✓

"

204

113

59

62

"

15✓

"

252

157

50

56

Cwt.

72.98✓

3.25

237

133

72

77

"

"

342

261

64

64

3,706

2,380

11,091

7,145

Acct. 11 - BALLAST

Main Track:

Cinder ballast from Parkwater, average haul 25 miles	50	Cu.yd.	1705	0.39	665	333
Total Main Track	50				665	333
Total for Valuation Section	50				665	333

Acct. 12 - TRACK LAYING AND SURFACING

Main Track:

Track laying and initial surfacing, 60#-56# rail	Mile	12.854	950.00	12,211
" " " " " 90#-61# "	"	0.235	1000.00	235
Extra for full earth surfacing	"	11.959	100.00	1,196
Placing cinder ballast	Cu.yd.	1705	.20	341
" inner guard rail	lin.ft.	1238	.025	31

Yard Tracks and Sidings:

Track laying and initial surfacing, 90#-61# rail	Mile	1.228	900.00	1,105
" " " " " 56# "	"	3.062	850.00	2,603
Placing inner guard rail	Rail ft.	245	.025	6

All Tracks:

Placing scale track switches — Y	Each	2	15.00	30
" turnouts — Y	"	25	30.00	750
" derails, split with stand — Y	"	2	7.50	15
" " block type with stand M = 5	"	1	5.00	5
" rail braces M = 116	"	8337	.02	167
" tie plates M = 5	"	40	.0125	5
Framing and placing bridge ties — M = 507	M.B.M.	148.506	10.00	1,485
Total for Valuation Section	69		20,185	13,928

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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. Idaho 2

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 Cent.

Per Cent
of Cost
New.

UNIT.

NUMBER OF
UNITS.

Per Unit.

New, Total.

Less Depreciation.

(1)

(2)

(3)

(4)

(5)

(6)

Acct. No. 13 Title RIGHT-OF-WAY FENCES
(I. C. C. Classification)
6.767 MILES = \$ 157 ²³ PER MILE.

All Tracks:

Posts

Barbed wire

Wire stays

Labor setting posts

Labor stringing barbed wire, posts spaced over 12'

Standard surface single track, cattle guards

Staples

Bracing timber

" iron

Cattle guard, standard surface, double track

Total for Valuation Section

50

Each

Cwt.

Each

"

Wire mi.

Each

Cwt.

M.B.M.

Cwt.

Each

2322

88.93

4120

2322

25.265

4

1.34

1.766

0.88

1

0.10

2.85

0.03

0.13

4.20

16.25

2.85

22.25

4.00

31.00

232

253

124

302

106

65

4

39

4

31

1,160

580

Acct. 15 - CROSSINGS AND SIGNS

41 Grade Crossings:

Excavation, common

Embankment "

Hardware

Cinder surfacing

Planking

Riprap, hand placed

1 vitrified pipe culvert, 24"

Tell tales, single track

High warning signs

Timber culverts, fir

1 corrugated iron pipe culvert 12"

Sidewalk, concrete

Total Grade Crossings

64

Cu.yd.

"

Cwt.

Cu.yd.

M.B.M.

Cu.yd.

Lin.ft.

Each

"

M.B.M.

Lin.ft.

Sq.yd.

205

1436

9.28

11

44.081

33

30

2

23

0.436

30

23

.23

.23

4.00

.60

22.25

2.00

2.45

22.50

5.00

40.75

.70

1.60

47

330

37

7

981

66

74

45

115

18

21

37

1,778

1,142

Signs:

Mile markers and other signs

Cobble stone paving

Total Signs

50

Each

Sq.yd.

110

7

1.73

.68

190

5

195

95

2

97

Total for Valuation Section

63

1,973

1,239

Northern Pacific Railway Company

VALUATION DEPARTMENT

Owner Northern Pacific Railway Company

State of

Val. Section No. Idaho 2 Miles Main Line, Miles all Tracks*

Sheet No. of this valuation section

Approved: Jno. A. Galvin & J. W. Barrie

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. 16 Title (16) STATION AND OFFICE BUILDINGS. (I. C. C. Classification)						\$	\$	\$
Mile 3.0								
	Platform cinders 80 cu.yds., built 1897	50		Each	1		129	65
	Total (Mile 3)		50				129	65
Post Falls, Mile 5.0								
	Passenger and freight depot, one story 18'x48' frame, built 1897	63		"	1		1,183	745
	Furniture	50					195	98
	Platform cinders 213 cu.yds.	50					155	78
	Sundry items	64					118	76
	Total		60				1,651	997
	Ice house, 10'x20' frame, built 1912	90		"	1		271	244
	Coal house 10'x12' frame, built 1902	54		"	1		129	70
	Total (Post Falls)		64				2,051	1,311
Coeur D'Alene, Mile 14.0								
	Passenger depot, one story 31'x147', brick, built 1915	98		Each	1		10,018	9,820
	Furniture	50					737	369
	Grading 2113 cu.yds.	100					528	528
	Platform concrete 1070 sq. ft.	90					121	109
	" frame 990 sq. ft.	87					118	103
	Outside piping	80					170	136
	Sundry items	60					188	113
Jointly owned by:								
C. M. & St. P. Ry. Co. 25%								
Blackwell Lumber Co. 50%								
Northern Pacific Ry. Co. 25%								
Cost of Reproduction								
New Less Depr.								
	Track scales 50', 100 ton, registered beam with wood frame built 1915	1,384	1,333	96				
	Concrete pit	845	811	96				
	Scale house 6'x10' frame	79	76	96				
	Total	2,308	2,220					
	Northern Pacific Railway Company's portion						577	555
	Total (Coeur D'Alene.)						12,457	11,733
	Station signs located at Alan, Blackwell and Grand Junct.	50		Each	3		21	11
	Sundry items	50					13	7
	Total	50					34	18
	Total for Valuation Section		89				14,671	13,127
Acct. 17 - ROADWAY BUILDINGS.						Approved: Jno. A. Galvin.		
Post Falls, Mile 5.0								
	Bunk houses 2-8'x34' carbodies, inst. 1912	64		Each	2		402	257
	Tool house 10'x12' frame, built 1902	45		"	1		106	48
	Sundry items	54					53	29
	Total (Post Falls)		60				561	334
Coeur D'Alene, Mile 14.0								
	Bunk houses 2-8'x34' Conv. carbodies inst. 1912	64		"	2		555	355
	Tool house 10'x12' frame, built 1910	65		"	1		105	68
	Sundry items	60					137	82
	Total (Coeur D'Alene)		63				797	505
						Revised Aug. 1, 1926		

State mileage to thousandths

-1219- 2097

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B. V. Form No. 561

INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATIONOwner Northern Pacific Railway Company

Sheet No. _____ of this valuation section.

Val. Section No. Idaho 2

Miles Main Line, _____ Miles all Tracks.*

Approved: Jno. A. Galvin & J. W. Barrie

LOCATION. (1)	CHARACTER OF PROPERTY AND DESCRIPTION. (2)	Condition Per Cent. (3)	Per Cent of Cost New. (4)	UNIT. (5)	NUMBER OF UNITS. (6)	COST OF REPRODUCTION.		
						Per Unit. (7)	New, Total. (8)	Less Depreciation. (9)
Acct. No. <u>17.</u> Title <u>ROADWAY BUILDINGS. (Cont'd).</u> (I. C. C. classification.)						\$	\$	\$
	Total for Valuation Section		62				1,358	839
Acct. 18 - WATER STATIONS.						Approved: F. T. Oakley.		
<u>Coeur D'Alene, Mile 14.0-</u>								
	Stand pipe 4" diam. W. I. Pipe built 1912	70					42	29
	Pipe lines	70		Each	1		46	32
	Total for Valuation Section		70				88	61
Acct. 23 - WHARVES AND DOCKS.								
<u>Coeur D'Alene.</u>								
	Dock 16'x290' frame on pile bents	65		Each	1		1,336	868
	Total for Valuation Section		65				1,336	868
Acct. 27 - SIGNALS AND INTERLOCKERS.								
	Disc. type train order signals at Post Falls	85					34	29
	Total for Valuation Section		85				34	29
Acct. 36 - PAVING.						Approved: H. J. Saunders.		
<u>All Tracks:</u>								
	Brick paving	82		Sq. Yd.	748	2.90	2,169	1,779
	Concrete	82		"	60	1.17	70	57
	Bitulithic paving	82		"	836	1.80	1,505	1,234
	Timber planks	50		M. B. M.	1,455	22.25	32	16
	Iron and nails	50		Cwt.	0.20	5.00	1	0
	Concrete base	82		Cu. Yd.	127	4.85	616	505
	Total for Valuation Section		82				4,393	3,591
Acct. 37 - ROADWAY MACHINES.						Approved: W. W. Johnson.		
	Hand cars, Sheffield #1, insulated	65	65	Each	3	31.98	96	62
	Sheffield #1, insulated equipped with engine, engine owned by foreman	65	65	"	1	40.30	40	26
	Total (Hand Cars)		65				136	88
	Push cars, Sheffield #4, insulated	65	65	"	2	24.22	48	31
	Total for Valuation Section		65				184	119
Acct. 38 - ROADWAY SMALL TOOLS.								
	Section sets	50		Sets	2	85.00	170	85
	Total for Valuation Section		50				170	85

Revised March 1, 1924.
Aug. 1, 1926

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S. V. Form No. 361

INTERSTATE COMMERCE COMMISSION
BUREAU OF VALUATION

Report Northern Pacific Railway Company

Sheet No. _____ of this valuation section.

Val. Section No. 14 Sub 2

Miles Main Line, _____

Miles all Tracks, _____

Approved: J. A. Calvin & J. V. Harbo

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

Condition of Property
Per Cent of Cost New.
UNIT.
NUMBER OF UNITS.
COST OF REPRODUCTION.
Per Unit.
New, Total.
Less Depreciation.

Acct. No. 17. Title ROADWAY BUILDINGS (Cont'd).
(I.C.C. Classification.)

Total for Valuation Section

62

1,356

659

Acct. 18 - WATER STATIONS.

Approved: F. T. Oakley.

Center P'Along, Mile 14.0-

Stand pipe 4" diam. N. 1. Pipe built 1912
Pipe lines

70
70

Each

1

42
44

43
45

Total for Valuation Section

70

86

81

Acct. 23 - WHARVES AND DOCKS.

Center D'Along.

Deck 15"x200' frame on pile bents

65

Each

1

1,336

648

Total for Valuation Section

65

1,336

659

Acct. 27 - SIGNALS AND INTERLOCKERS.

Disc. type train order signals at Post Falls

85

34

39

Total for Valuation Section

85

54

39

Acct. 36 - PAVING.

Approved: H. J. Saunders.

All Tracks:

Brick paving

82

Sq. Yd.

748

2.90

2,169

1,779

Concrete

82

"

68

1.17

79

57

Silicithic paving

82

"

836

1.60

1,336

1,234

Timber planks

50

M. S. M.

1,655

22.25

36

14

Iron and nails

80

Cwt.

0.30

5.00

1

0

Concrete base

82

Cu. Yd.

127

4.85

616

505

Total for Valuation Section

82

4,393

3,591

Acct. 37 - ROADWAY MACHINES.

Approved: E. C. Johnson.

Hand cars, Sheffield #1, insulated

65

65

Each

3

31.96

96

42

Sheffield #1, insulated equipped with engine, engine
owned by foreman

65

65

"

1

40.30

40

34

Total (Hand Cars)

65

136

76

Push cars, Sheffield #4, insulated

65

65

"

2

24.22

49

32

Total for Valuation Section

65

184

110

Acct. 38 - ROADWAY SMALL TOOLS.

Section note

50

Sets

XXXXXXX \$5.00

170

85

Total for Valuation Section

50

170

85