



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER-P-1911, GR-3.
VAL. GR. L-48.

Form 7310 4200 RP

Northern Pacific Ry. Co's Class **P** I. C. C. Class **4-6-0** Service **Passenger** Number **253**

LOCOMOTIVE DATA

Original Number **203**
Renumbered from **203** to **253** Date **4-2-1901.**
Builder **Schenectady Loco. Wks.** Builders No. **4705.**
Date Built, Month **Feb.** Year **1898.**
From whom purchased **Schenectady Loco. Wks.**
Purchased New or Second Hand **New** Date **2-23-97.**
Authority No. _____ Voucher No. _____ Reqn. No. _____
Receiving Station **St. Paul, Minn.** Date **3-3-97.**
Setting up Shop **Brainerd, Minn.**
Boiler Type **Ext. wagon top, rad. stay** O. D. First Ring **62 1/2"**
Flues, No. **312 NG + 26** Outside Dia. **2" x 5 3/8** Length **14' 12"**
Steam Pressure, Maximum **200#** Working **200#**
Firebox, Type **Narrow** Length **108-3/16"**
Width, Top **61"** Bottom **41"**
Height, Front **76"** Back **64"**
Grate Area **30.8 sq. ft.** Oil Burner, Type _____ Size _____
Combustion Chamber, Length **None**
Arch Tubes, No. **4** Size **3"**
Superheater, Kind **None SCHMIDT**
Feedwater Heater, Kind **None** Reheater, Kind **None**
Heating Surface Tubes **2,275 1/2 ft.** Flues **477**
Firebox **167 sq. ft.** Arch Tubes **29 sq. ft.**
Superheating **390** Total Equivalent **2,472 sq. ft.**
Cylinders H. P., Dia., **20"** L. P. Dia., _____ Stroke **26"**
Drivers—Dia. over New Tires **69"**
Driving Wheel Centers, Kind **Cast Steel** Dia. **62"**
Wheels, Leading Truck, Kind **Steel Tired** Dia. **33"**
Wheels, Trailing Truck, Kind _____ Dia. _____
Wheel Base, Rigid **14'10"** Total **25'10"**

Weight on Drivers ^{**115,000**} ~~**112,000**~~ lbs. **114,200**
Weight of Engine, Working Order ~~**150,000**~~ lbs. Light ^{**126,500 after rep.**} ~~**132,900**~~ lbs.
Tractive Power I. C. C. Formula **25.6**
TENDER, Type **U-Shape**, Number **1-0-3 3-C-52**
(Tender shown is one purchased with this locomotive)
Capacity, Water, Gals. **4,350** Oil, Gals. _____ Coal, Tons **9**
Underframe, Kind **Steel** End Sills, Kind **Wood**
Wheels, No. **8** Kind **2 prs. S.T.** Dia. **33"**
Journals, Size **4 1/2" x 8"** Trucks, Kind **Arch Bar**
Air Brake Cylinder, Size **10" x 12"** Coal Pusher, Kind **None**
Weight, Light **38,200 lbs.** Loaded **92,450 lbs.**
Weight Engine and Tender, Light ~~**171,100**~~ lbs. Loaded ~~**243,050**~~ lbs.
APPURTENANCES **174,700** **246,650**
Headlights, No. **1** Kind **Pyle - Electric**
Main Valve, Kind **Piston** Dia. (If piston) **10"**
Valve Gear, Kind **Stephenson** Driver Brake, Kind **Am. Equal.**
Air Brake Equipment, Kind **Westinghouse** Schedule **A-1, SWA.**
Air Pumps, No. **1** Make **Westinghouse** Size **9 1/2"**
Air Reservoirs, No. **2** Size **20 1/2" x 41"**
Train Signals, Kind **West. Air** Sanders, Kind **Leach D-2 & Hand**
Stoker, Kind **None** Power Reverse, Kind **None**
Flange Lubricators, Kind **None**
Pneumatic Fire Doors, Kind **None**
Automatic Bell Ringers, Kind **Crosby**
Couplers, Kind, Engine **Tower 6" x 6"** Tender **Sharon 5" x 5"**

NOTE: INK FIGURES EFFECTIVE 5-23-27.

FINAL DISPOSITION

By _____ Place _____ Date _____

Original Cost F. O. B. Chicago, Ill.	11 897 63
Receivership Value	
Designing and Engineering	
Inspection during Construction	
Inspection of Material	
Messenger Service	
Setting up and breaking in	47 91
Miscellaneous, Tools, etc.	42 73
Freight paid from Chicago to St. Paul	69 20
Total	12 057 47

ENG'R. REPORT 13,567.00

DEPRECIATION-ENGINE 8 1/4% = 11,430.20
 TENDER 15 3/4% = 2,136.80

DEPRECIATION BASED ON { Original Cost
 Receivership Value } PLUS IMPROVEMENTS

NP253

DEPRECIATION- R+E -ENGINE			DEPRECIATION- R+E -TENDER		
Rate	Period	Amount	Rate	Period	Amount
E.R.	O.C.	10,158.42	E.R.	O.C.	1,899.05
	846-11	7.49	O.3.	5079-21	1.74
	879-16	67.61		5030-26	< - - - - >
	" Adj.	< 2.97 >		5015-29	< 1900.79 >
	5158-23	212.58			
O.3.	925-16	1.43			
	5074-22	170.56			
	5013-23	59.78			
	5063-20	1.74			
	5027-26	1457.09			
	5005-25	8.01			
	5098-24	115.96			
	5092-28	4.84			
	5007-30	64.92			
	5081-29	< 12327.46 >			

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	Cost or Value
846-11	5-15	Safety appliances	7 49
925-16	10-27	Back stop on pilot step	1 43
899-19	1-20	Priest flanger	216 50
5079-21	3-14-24	AL-156 4-bale Crane Hooks	1 74
5014-22	3-24-23	2 Air Res. Out-2 Reservoirs in	170 56
5013-23	3-24-23	AL-167 Lagging Bottom of Boiler	59 78
5063-20	3- -23	AL-169 Hand Holds on Sand Dumps	1 74
5158-23	3- -23	BL-64 Rec. Hand Sizer	212 58
5027-26	5-27	AL-91 SUPERHEATER	457 09
5030-26	9-25	Tender portion retired	< - - >
5005-25	5-27	AL-184 Exhaust Blower pipe Fittings	8 01
879-16	1-19	Straight Air Brakes	67 61
		Adj. for 879-16	< 2.97 >
5098-24	3-26	BL-48 Eccentric Straps	115 96
5015-29		Retirement Adj.	< 1900.79 >
5092-28	10-29	AL-183 Wind Shields	4 84
5007-30	10-30	BL-74 PNEUMATIC FIRE PUMP	64 92
5081-29	1-19-40	ENGINE PORTION DISM.	< 12327.46 >

Eng'r. Report
 Order 3
 on separate card
 Order 3
 Eng'r. Report
 Order 3

FINAL DISPOSITION

By	Place	Date
Total Cost based on	{ Original Cost Receivership Value }	
Salvage		
Accrued Depreciation		
Amount Charged to Retirements		

12327.46