



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 **256**

LOCOMOTIVE DATA

Original Number **206**
 Renumbered from **206** to **256** Date
 " " " " " "
 Builder **Schenectady Loco. Wks.** Builders No. **4708.**
 Date Built, Month **Feb.** Year **1898.**
 From whom purchased **Schenectady Loco. Wks.**
 Purchased New or Second Hand **New** Date **2-25-98.**
 Authority No. Voucher No. Reqn. No.
 Receiving Station **St. Paul, Minn.** Date **3-5-98.**
 Setting up Shop **Brainerd, Minn.**
 Boiler Type **Ext. wagon top, rad. stay** O. D. First Ring **62 1/2"**
 Flues, No. **312** Outside Dia. **2"** Length **14'0"**
 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**
 Feedwater Heater, Kind **None** Reheater, Kind **None**
 Heating Surface Tubes **2,275 sq. ft.** Flues
 Firebox **168 sq. ft.** Arch Tubes **29 sq. ft.**
 Superheating 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 **112,000 lbs.**
 Weight of Engine, Working Order **150,600 lbs.** Light **132,900 lbs.**
 Tractive Power I. C. C. Formula **25.6**
 TENDER, Type **U-Shape,** Number **3-C-9**
 (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 **Rolled Steel** 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

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**
 Stoker, Kind **None** Power Reverse, Kind **None**
 Flange Lubricators, Kind **None**
 Pneumatic Fire Doors, Kind **None**
 Automatic Bell Ringers, Kind **Crosby**
 Couplers, Kind, Engine **Sharon 6" x 6"** Tender **Sharon 5" x 5"**

FINAL DISPOSITION

By _____ Place _____ Date _____

Original Cost F. O. B. Chicago, Ill.	11	889	11
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	048	95

ENGR. REPORT 13,567.00 DEPRECIATION-ENGINE 8 1/4 % = 11,430.20
 TENDER 15 1/4 % = 2,136.80

DEPRECIATION BASED ON { Original Cost } PLUS IMPROVEMENTS NP256
 { Receivership Value }

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	
846-11	5-15	Safety appliances	7 48
925-16	7-17	Back stop on pilot step	1 43
5079-21	1-18	AL-156 Brake Crane Hooks	1 74
5063-20	4-26-21	AL-149 Hand Holds on Sand Drums	1 74
5070-20	4-21	{ AL-163 Lag Steam Pipes } { AL-164 " Boiler Backhead }	58 46
5122-24	12-18-24	AL-13 Air Reservoirs	173 25
5108-23	Prin	BL-66 Elec. Header Eng	212 58
5098-24	12-24	BL-48 Eccentric Strap	115 96
5066-28	3-29	Tender retired	< 1,899.45 >
5002-31	2-24-31	AL-74 PNEU. FIRE DOOR	65 96

- DEPRECIATION -			- DEPRECIATION -		
R+E - ENGINE			R+E - TENDER		
Rate	Period	Amount	Rate	Period	Amount
E.R.	O.C.	10,151.24	E.R.	O.C.	1,897.71
	846-11	7.48	O.S.	5079-21	1.74
	5158-23	212.58		5066-28	< 1,899.45 >
O.S.	925-16	1.43			
	5063-20	1.74			
	5070-20	58.46			
	5122-24	173.25			
	5098-24	115.96			
	5002-31	65.96			
	5065-39	< 10,788.10 >			

5065-39 10-13-39 ENGINE DISM. < 10,788.10 >

FINAL DISPOSITION

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