



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER. P-1911, GR-10  
VAL. GR. L-55.

Form 7310 4200 RP

Northern Pacific Ry. Co's Class **S** I. C. C. Class **4-6-0** Service **Freight** Number **153**

## LOCOMOTIVE DATA

Original Number **153**  
 Renumbered from \_\_\_\_\_ to \_\_\_\_\_ Date \_\_\_\_\_  
 " " " " " " " "  
 Builder **Schenectady Loco. Wks.** Builders No. **4893**  
 Date Built, Month **Oct.** Year **1898.**  
 From whom purchased **Schenectady Loco. Wks.**  
 Purchased New or Second Hand **New** Date **10-5-98.**  
 Authority No. \_\_\_\_\_ Voucher No. \_\_\_\_\_ Reqn. No. \_\_\_\_\_  
 Receiving Station **St. Paul, Minn.** Date **10-14-98.**  
 Setting up Shop **Brainerd, Minn.**  
 Boiler Type **Ext. wagon top, rad. stay** O. D. First Ring **70"**  
 Flues, No. **376** Outside Dia. **2"** Length **13'10"**  
 Steam Pressure, Maximum **200#** Working **200#**  
 Firebox, Type **Narrow** Length **120-3/16"**  
 Width, Top **65"** Bottom **41"**  
 Height, Front **84"** Back **71 1/2"**  
 Grate Area **34.2 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 **2,707 sq. ft.** Flues \_\_\_\_\_  
 Firebox **208 sq. ft.** Arch Tubes **32 sq. ft.**  
 Superheating \_\_\_\_\_ Total Equivalent **2,947 sq. ft.**  
 Cylinders H. P., Dia., **22"** L. P. Dia., **34"** Stroke **28"**  
 Drivers—Dia. over New Tires **63"**  
 Driving Wheel Centers, Kind **Cast Steel** Dia. **56"**  
 Wheels, Leading Truck, Kind **Steel Tired** Dia. **30"**  
 Wheels, Trailing Truck, Kind \_\_\_\_\_ Dia. \_\_\_\_\_  
 Wheel Base, Rigid **14'10"** Total **26'3 1/2"**

Weight on Drivers **131,800 lbs.**  
 Weight of Engine, Working Order **173,800 lbs.** Light **152,500 lbs.**  
 Tractive Power I. C. C. Formula **28.7**  
 TENDER, Type **U-Shape,** Number **5-C-1**

(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 1/4" 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 **190,700 lbs.** Loaded **266,250 lbs.**

## APPURTENANCES

Headlights, No. **1** Kind **Pyle - Electric**  
 Main Valve, Kind **Slide** Dia. (If piston) \_\_\_\_\_  
 Valve Gear, Kind **Stephenson** Driver Brake, Kind **Am. Equal.**  
 Air Brake Equipment, Kind **Westinghouse** Schedule **A-1, S.W.A.**  
 Air Pumps, No. **1** Make **Westinghouse** Size **9 1/2"**  
 Air Reservoirs, No. **2** Size **22 1/2" x 51"**  
 Train Signals, Kind **West. Air** Sanders, Kind **Browne**  
 Stoker, Kind **None** Power Reverse, Kind **None**  
 Flange Lubricators, Kind **None**  
 Pneumatic Fire Doors, Kind **None**  
 Automatic Bell Ringers, Kind **Gollmar**  
 Couplers, Kind, Engine **Tower 6" x 6"** Tender **Sharon 5" x 5"**

## FINAL DISPOSITION

By **Retired** Place \_\_\_\_\_ Date **10-1-25**

Original Cost F. O. B. Chicago, Ill.	11 635 22
Receivership Value	
Designing and Engineering	
Inspection during Construction	
Inspection of Material	
Messenger Service	
Setting up and breaking in	91 34
Miscellaneous, Tools, etc.	
Freight paid from Chicago to St. Paul	78 00
Total	11 804 56

ENG'R. REPORT 14,106.00 DEPRECIATION ENGINE 86.7% = 12,131.16  
 TENDER 14.7% = 1,974.84

DEPRECIATION BASED ON { Original Cost / Receivership Value } PLUS IMPROVEMENTS NP153

Cost or Value	DEPRECIATION			Cost or Value	DEPRECIATION		
	R+E	-ENGINE			R+E	-TENDER	
	Rate	Period	Amount		Rate	Period	Amount
E.R.	O.C.		10,151.92	E.R.	O.C.		1,652.64
	845-10		224.18	O.S.	5066-29		< 1,652.64 >
	846-11		5.43				
O.S.	925-16		1.43				
	5030-26		< 12,035.60 >				
	5015-29		1,652.64				

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	Amount
845-10	7-11	Electric headlights	224 18
846-11	5-15	Safety appliances	5 43
925-16	9-17	Back stop on pilot steps	1 43
5164-23	8-23	Tender retired	none
5030-26	10-25	Engine portion retired	< 12,035.60 >
5055-26	6-26	Tender reinstated in year	-
5015-29		Retirement adj.	1,652.64
5066-29	6-29	Tender retired from year	< 1,652.64 >

FINAL DISPOSITION

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