



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER. P. 1911, GR-5.  
VAL. GR. L-50.

Form 7310 4200 RP

Northern Pacific Ry. Co's Class P-2 I. C. C. Class 4-6-0 Service Passenger Number 245

## LOCOMOTIVE DATA

Original Number 245  
 Renumbered from \_\_\_\_\_ to \_\_\_\_\_ Date \_\_\_\_\_  
 Builder Schenectady Loco. Wks. Builders No. 5929  
 Date Built, Month May Year 1901  
 From whom purchased Schenectady Loco. Wks.  
 Purchased New or Second Hand New Date 5-14-01  
 Authority No. \_\_\_\_\_ Voucher No. \_\_\_\_\_ Regn. No. \_\_\_\_\_  
 Receiving Station St. Paul, Minn. Date 5-24-01  
 Setting up Shop Breinerd, Minn.  
 Boiler Type Ext. wagon top, rad. stay O. D. First Ring 62 1/2"  
 Flues, No. 156+26 312 Outside Dia. 2" + 5/8" Length 14'0" 13-8"  
 Steam Pressure, Maximum 200# Working 200#  
 Firebox, Type Narrow Length 108-3/16"  
 Width, Top 61" Bottom 41"  
 Height, Front 76 1/2" Back 64 1/2"  
 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 2,292 sq. ft. Flues 497  
 Firebox 172 1/2 sq. ft. Arch Tubes 29 sq. ft. 2393  
 Superheating 391 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 118,500  
~~115,900 lbs.~~  
 Weight of Engine, Working Order 158,500  
~~154,900 lbs.~~ Light 140,600  
~~137,100 lbs.~~  
 Tractive Power I. C. C. Formula 25.6  
 TENDER, Type U-Shape Number 3-C-20  
 (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 Cast 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 175,300 lbs. Loaded 247,350 lbs.  
 APPURTENANCES 178,800 250,350  
 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, PL-1012  
 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 E Dble. & 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 CHANGES EFFECTIVE 11-26-24.

## FINAL DISPOSITION

By DISM. Place \_\_\_\_\_ Date MAY 26

Original Cost F. O. B. Chicago, Ill.	13	802	03
Receivership Value			
Designing and Engineering			
Inspection during Construction			
Inspection of Material			
Messenger Service			
Setting up and breaking in	(	116	82
Miscellaneous, Tools, etc.	(		
Freight paid from Chicago to St. Paul		70	00
Total	13	988	85

**ENG'R. REPORT 13,666.00**  
 DEPRECIATION BASED ON { Original Cost / Receivership Value } PLUS IMPROVEMENTS  
 ENGINE 85 1/2 % = 11,684.43  
 TENDER 14 1/2 % = 1,981.57  
**NP 245**

DEPRECIATION - ENGINE			DEPRECIATION - TENDER		
R+E	Rate	Amount	R+E	Rate	Amount
		12,030.41 ← 86% + 14% →			1,958.44
E.R.	O.C.	11,960.47	E.R.	O.C.	2,028.30
	846-11	6.20	0.3.	515-25	< --- >
	879-16	67.60	1	5015-29	< 1958.44 >
	5158-23	212.58			
	879-16 ADJ	< 2.96 >			
0.3.	925-16	1.43			
	5074-22	170.56			
	5073-23	1,378.98			
	5111-23	1.59			
	5098-24	115.96			
	5102-27	8.73			
	5092-28	4.84			
	5007-30	64.92			
	5003-30	2.05			
	5122-36	< 14,062.89 >			

**ADDITION AND BETTERMENT**

A. F. E. No.	Date	Description		
846-11	5-15	Safety appliances	6	20
879-16	8-19	Air brakes	67	60
925-16	4-26-24	Back stop on pilot step	1	43
5074-22	12-17-23	Air Res. Cont. - 2 Reservoirs In	170	56
5073-23	11-21-24	Superheater	1	378.98
5158-23	Prin	2-bulb. Hand signal	212	58
5111-23	11-19-24	AL-169 Handholds on sand box	1	59
5098-24	11-24	AL-48 Eccentric Straps	115	96
5015-29		Retirement Adj.	<	1,958.44
5102-27	3-29	AL-184. Blangisier Fittings	8	73
5092-28	7-28	AL-183. Wind Shields	4	84
5007-30	12-30	BE 74 PNEUMATIC FIRE DOOR	64	92
5003-30	6-30	AL 204. SIGNAL KIT	2	05
5122-36	9-16-37	ENGINE PORTION RETIRED	<	14,062.89

**FINAL DISPOSITION**

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