



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER. P-1912, GR-13.  
VAL. GR. L-75.

Form 7310 4200 RP

Northern Pacific Ry. Co's Class Y-1 I. C. C. Class 2-8-0 Service Freight Number 25

## LOCOMOTIVE DATA

Original Number 25

Renumbered from \_\_\_\_\_ to \_\_\_\_\_ Date \_\_\_\_\_

Builder Schenectady Loco. Wks. Builders No. 5129.Date Built, Month Sept. Year 1899.From whom purchased Schenectady Loco. Wks.Purchased New or Second Hand New Date 1899.

Authority No. \_\_\_\_\_ Voucher No. \_\_\_\_\_ Reqn. No. \_\_\_\_\_

Receiving Station St. Paul, Minn. Date 9-22-99.Setting up Shop Brainerd, Minn.Boiler Type Ext. Wagon top, rad. stay O. D. First Ring 72-1/8"Flues, No. 358 Outside Dia. 2" + 5/2 Length 142" 13 1/2"Steam Pressure, Maximum 200# Working 175#Firebox, Type Narrow Length 120-3/16"Width, Top Fr. 67 1/2" ; Bk. 61 1/2" Bottom 42"Height, Front 77" Back 73 1/2"Grate Area 35 sq. ft. Oil Burner, Type \_\_\_\_\_ Size \_\_\_\_\_Combustion Chamber, Length NoneArch Tubes, No. 2 Size 3"Superheater, Kind None SCHMIDT 1/10/23Feedwater Heater, Kind None Reheater, Kind None

Heating Surface Tubes \_\_\_\_\_ Flues \_\_\_\_\_

Firebox \_\_\_\_\_ Arch Tubes 2921Superheating 468 Total Equivalent 3,079 sq. ft.Cylinders H. P., Dia., 23" 20" L. P. Dia., x Stroke 34"Drivers—Dia. over New Tires 55"Driving Wheel Centers, Kind Cast Steel Dia. 48"Wheels, Leading Truck, Kind Steel Tired Dia. 30"

Wheels, Trailing Truck, Kind \_\_\_\_\_ Dia. \_\_\_\_\_

Wheel Base, Rigid 15'8" Total 23'7"Weight on Drivers 172,500 lbs. ~~171,500~~ lbs. <sup>AFTER 3/10/23</sup> 171,500 lbs.Weight of Engine, Working Order 199,500 lbs. Light 171,640 lbs.Tractive Power I. C. C. Formula 43.5 36.7TENDER, Type U-Shape, Number 10-C-7

(Tender shown is one purchased with this locomotive)

Capacity, Water, Gals. 5,500 Oil, Gals. \_\_\_\_\_ Coal, Tons 10Underframe, Kind Steel End Sills, Kind WoodWheels, No. 8 Kind Steel Tired Dia. 33"Journals, Size 5" x 9" Trucks, Kind Arch BarAir Brake Cylinder, Size 10" x 12" Coal Pusher, Kind NoneWeight, Light 45,000 lbs. Loaded 112,000 lbs.Weight Engine and Tender, Light 212,850 lbs. Loaded 302,500 lbs.

APPURTENANCES

Headlights, No. 1 Kind Pyle - ElectricMain Valve, Kind Piston & Slide Dia. (If piston) 12"Valve Gear, Kind Stephenson Driver Brake, Kind Am. Equal.Air Brake Equipment, Kind Westinghouse Schedule A-1, SWA.Air Pumps, No. 2 Make Westinghouse Size 9 1/2"Air Reservoirs, No. 2 Size 22 1/2" x 51"Train Signals, Kind None Sanders, Kind Leach & Dble. & HandStoker, Kind None Power Reverse, Kind NoneFlange Lubricators, Kind 2 NP #2Pneumatic Fire Doors, Kind NoneAutomatic Bell Ringers, Kind GollmarCouplers, Kind, Engine Sharon 6" x 6" Tender Sharon 5" x 5"*Note: pencil changes effective 8-10-23.*

## FINAL DISPOSITION

By \_\_\_\_\_ Place \_\_\_\_\_ Date \_\_\_\_\_

Original Cost F. O. B. Chicago, Ill.	13 478 68
Receivership Value	
Designing and Engineering	34
Inspection during Construction	
Inspection of Material	
Messenger Service	
Setting up and breaking in	( 103 04
Miscellaneous, Tools, etc.	(
Freight paid from Chicago St. Paul	60 00
Total	13 642 06

ENG. REPORT \$15,965.00 DEPRECIATION ENGINE 84% = 13,410.60  
 TENDER 16% = 2,554.40  
 DEPRECIATION BASED ON { Original Cost } PLUS IMPROVEMENTS NP 25  
 { Receivership Value }

Cost or Value	DEPRECIATION R+E - ENGINE			Cost or Value	DEPRECIATION R+E - TENDER		
	Rate	Period	Amount		Rate	Period	Amount
	E.R.	O.C.	11 459.33		E.R.	O.C.	2 182.73
		845-10	224 18			8104-29	< 2 182.73
		846-11	7 78				
	O.S.	925-16	1 43				
		5070-22	2 493 44				
		5111-23	1 59				
		5092-28	4 83				
		5002-31	65 96				
		5010-36	255 67				
		5007-38	11 45				
		5143-37	177 99				
		5000-48	28 62				
		5161-57	514 73 272				

14258.94  
 14514.21  
 14525.06  
 14703.65  
 14797.77

ADDITION AND BETTERMENT

A.F.E. No.	Date	Description	Amount
845-10	7-11	Elec. hdts.	224 18
846-11	5-15	Safety Appliances	7 78
925-16	7-27	Back stop on pilot step	1 43
<del>5070-22</del>	<del>8-10-23</del>	<del>Resamaced</del>	<del>2 493 44</del>
5070-22	8-10-23	Resamaced	2 493 44
5111-23	8-19-23	AL-169 Handholds on Land Dome	1 59
5092-28	10-28	AL-183 Wind Shields	4 83
5104-29	3-11-30	Tender position retried	< 2 182 73
5002-31	4-30-31	PNEU. FIRE DOOR	65 96
5010-36	4-30-36	AL-177 SPARK ARRESTER	255 67
5007-38	5-19-37	AL-217 ANEMITE LUB. FITTINGS	11 45
5143-37	5-31-39	AL-176 POWER REVERSE	177 99
5000-48	12-2-47	BL-94 WATER GLASS GUARD COIP.	28 62
5161-57	5-8-58	ENGINE DONATED TO CITY OF BUTTE	< 14 73 272

Eng. Report  
 Order 3

FINAL DISPOSITION

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