

Locomotive Data

Road Number:	1
Class:	C3 4-4-0
Builder:	Baldwin
Builder Number:	3242
Year:	4/1873
Previous Owners:	West Wisconsin Railway; Chicago, St.Paul, Minneapolis & Omaha Railway (CMO)
Date purchased:	12/1903
Cylinders:	16 x 24 inch
Driving wheel centers:	56-inch
Number of drivers:	4
Wheelbase, driving:	8 feet, 0 inches
Wheelbase, total engine:	21 feet, 9 inches
Wheelbase, engine & tender:	43 feet, 0 inches
Weight on drivers:	41,000 pounds
Weight of engine:	68,000 pounds (34 short tons)
Weight of engine & tender:	117,700 pounds
Firebox, length:	65 inches
Firebox, width:	34 inches
Diameter boiler (1 st . ring):	47 ¾ inches
Tubes, number:	138
Tubes, length:	10 feet, 11 inches
Tubes, diameter:	2 inches
Tubes, heating surface:	785 square feet
Firebox, heating surface:	106 square feet
Boiler steam pressure:	140 pounds
Tender capacity	
Water:	2,200 gallons
Coal:	5 tons
Tractive power at 10M:	11,604 pounds
Adhesive power at 10M:	9,020 pounds

Road Number:	2
Class:	B 32-2
Builder:	Lima
Builder Number:	683
Build plan:	679
Year:	12/1901
Previous Owners:	Alexander Edgar Lumber Company
Date Purchased:	5/1905
Gauge:	Standard (4 feet, 8½ inches)
Minimum rail weight:	30-pound
Maximum curve:	75 feet
Height:	12 feet, 6 inches
Length:	26 feet, 2 inches
Width:	8 feet, 6 inches
Cylinders, number:	3
Cylinders, diameter:	10 inches
Cylinders, stroke:	12 inches
Trucks:	2
Driving wheels, number:	8
Wheel diameter:	29.5 inches
Rigid wheelbase:	4 feet, 2 inches
Weight, empty:	60,000 pounds (30 short tons)
Weight, working order:	72,000 pounds
Firebox, length:	54¾ inches
Firebox, width:	37½ inches
Diameter boiler:	42 inches
Tubes, number:	127
Tubes, length:	8 feet, 11 ¾ inches
Tubes, diameter:	2 inches
Tubes, heating surface:	590 square feet
Firebox, heating surface:	60 square feet
Boiler steam pressure:	180 pounds
Tender capacity	
Water:	1585 gallons
Coal:	2 tons
Tractive power:	16,885 pounds
Factor of adhesion:	4.26/4.52
Gear ratio:	1-2.05
Grate area:	14.26 square feet
Pinions:	20 teeth
Gear rims:	41 teeth

Maximum safe speed: 17.1 (mph?)