



## GENL. DATA

1. Cylinders, dia. x stroke	24" x 28"	29. Heating surface, tubes & flues	sq. ft. 3287
2. Valve gear	Walschaert	30. " " firebox & arch tubes	" " 234
3. Valves, size & kind	14" Piston	31. " " total	" " 3521
4. " maximum travel	6"	32. " " superheater	" " 755
5. " steam lap	1-1/16"	33. " " equivalent total	" " 4653
6. " exhaust clearance	Line	34. Grates, length x width	111" x 80 1/2"
7. " lead in full gear	3/16"	35. " area	sq. ft. 61.8
8. " cut off in full gear	85.3%	36. Brick arch, type	Security 4-tube
9. Rated tractive power	39,736 lbs.	37. Arch tubes O.D., Ga., Fin. Lgth. over Bd.	3"-7-BWG 116-3/8"
10. Ratio of Adhesion (Wt. on Drivers ÷ Trac. Power)	-4.04	38. Stoker, type	None
11. Sharpest curve	22 Deg.	AIR BRAKE	
WEIGHT	Light	39. Schedule	W.A.B. 6-ET, WM 3, 1410, Type 21-B
12. Leading truck	43,900	40. Brake power	56% 90,000 lbs.
13. Driver, first	52,800	41. Pumps	2 - 9 1/2"
14. " second	54,900	AXLES	
15. " third	52,800	42. Leading truck	Journal Dia. x Lgth. 6" x 10"
16. " fourth	None	43. Driving, main	" " " 10 1/2" x 12"
17. " total	160,500	44. " other than main	" " " 10" x 12"
18. Trailing truck	49,900	45. Trailing truck	" " " 8" x 14"
19. Total engine	222,400	TENDER	
20. Tender, front truck	80,100	46. Frame	Structural
21. " back	80,100	47. Draft gear	Farlow 3-key
22. " total	63,500	48. Brake schedule	W.A.B. 6-ET, 1412, Type "L"
23. Total engine & tender	285,900	49. Brake power	85% 53,900 lbs.
BOILER		50. Truck, type	Andrews
24. Working pressure, maximum	200 lbs.	51. Axles	A.A.R. 5 1/2" x 10"
25. Firebox, length x width	111" x 80 1/2"	52. Wheels	Steel 33"
26. Tubes, No., O.D., & Gauge	202-2 1/2"-11-B.W.G.	53. Maximum width over cylinders	10' 5"
27. Flues, No., O.D., & Gauge	32-5 1/2"-9-B.W.G.	54. " " " running boards, at cab	10' 5"
28. Tubes & Flues, length (in to in of tube sheets)	239"		