



GENL. DATA

1. Cylinders, dia. x stroke	24" x 30"	29. Heating surface, tubes & flues	sq.ft. 3064
2. Valve gear	Walschaert	30. " " firebox & arch tubes	" " 221
3. Valves, size & kind	Universal - 9" Piston	31. " " total	" " 3286
4. " maximum travel	6"	32. " " superheater	" " 658
5. " steam lap	1-1/8"	33. " " equivalent total	" " 4272
6. " exhaust clearance	1/8" Clear	34. Grates, length x width	111" x 80 $\frac{1}{2}$ "
7. " lead in full gear	1/4"	35. " area	sq.ft. 61.8
8. " cut off in full gear	83%	36. Brick arch, type	Security 2-Tube
9. Rated tractive power	48,960 lbs.	37. Arch tubes O.D., Ga., Fin. Lgth. over Bd.	3" - 7-B.W.G. - 110 $\frac{3}{4}$ "
10. Ratio of Adhesion (Wt. on drivers ÷ Trac. Power)	4.59	38. Stoker, type	None
11. Sharpest curve	22 Deg.	AIR BRAKE	
WEIGHT	Light	39. Schedule	W.A.B. 6-ET, WN 3, 1412, Type 42-B
12. Leading truck	26,000	40. Brake Power	60% 129,000 lbs.
13. Driver, first	51,000	41. Pumps	(721,731, 2 - 8 $\frac{1}{2}$ " CC) 1 - 8 $\frac{1}{2}$ " CC
14. " second	55,000	42. Leading truck	Journal Dia. x Lgth. 6" x 12"
15. " third	61,000	43. Driving, main	" " " 10 $\frac{1}{2}$ " x 12"
16. " fourth	48,000	44. Driving, other than main	" " " 9" x 12"
17. " total	215,000	45. Trailing truck	" " " None
18. Trailing truck	None	TENDER	
19. Total engine	222,400	46. Frame	Structural Steel
20. Tender, front truck	87,100	47. Draft gear	Farlow 3-key
21. " back	87,100	48. Brake schedule	W.A.B. 6-ET, 1212, Type "L"
22. " total	67,000	49. Brake power	67% 45,100 lbs.
23. Total engine & tender	289,400	50. Truck, type	Arch bar
BOILER		51. Axles	A.R.A. 6" x 11"
24. Working pressure, maximum	200 lbs.	52. Wheels	Steel 33"
25. Firebox, length x width	111" x 80 $\frac{1}{2}$ "	53. Maximum width over cylinders	10' 10 $\frac{1}{2}$ "
26. Tubes, No., O.D., & Gauge	239-2 $\frac{1}{4}$ " - 11-B.W.G.	54. " " " running boards, at oab	10' 3"
27. Flues, No., O.D., & Gauge	36-5 $\frac{1}{2}$ " - 9-B.W.G.		
28. Tubes & Flues, length (in to in of tube sheets)	190-7/8"		