



## GENL. DATA

1. Cylinders, dia. x stroke	19" x 26"	29. Heating surface, tubes	sq.ft. 1759
2. Valve gear	Stephenson	30. " " firebox	" " 143
3. Valves, size & kind	D-Slide	31. " " total	" " 1902
4. " maximum travel	5 1/2"	32. " " superheater	" " None
5. " steam lap	3/4"	33. " " equivalent total	" " None
6. " exhaust clearance	Line	34. Grates, length x width	102" x 41"
7. " lead in full gear	1/8"	35. " area	sq.ft. 29.0
8. " cut-off in full gear	90.8%	36. Brick arch, type	None
9. Rated tractive power	27,126 lbs.	37. Arch tubes O.D., Ga., Fin. Lgth. over Bd.	None
10. Ratio of Adhesion (Wt. on Drivers ÷ Trac. Power)	4.35	38. Stoker, type	None
11. Sharpest curve	22 Deg.	AIR BRAKE	
WEIGHT	Light Wk. Order	39. Schedule	W.A.B. A1, WM1, 1410, Type 21-C
12. Leading truck	11,500	40. Brake power	70% 77,700 lbs.
13. Driver, first	29,200	41. Pumps	1 - 9 1/2"
14. " second	29,200	AXLES	
15. " third	30,400	42. Leading truck	Journal Dia. x Lgth. 5" x 10"
16. " fourth	29,300	43. Driving, main	" " " 7 1/2" x 9"
17. " total	118,100	44. " other than main	" " " 7 1/2" x 9"
18. Trailing truck	None	45. Trailing truck	" " " None
19. Total engine	113,800 129,600	TENDER	
20. Tender, front truck	44,200	46. Frame	Wood
21. " back	44,200	47. Draft gear	Swivel Coupler
22. " total	35,400 88,400	48. Brake schedule	W.A.B. FL-812, Type "L"
23. Total engine & tender	149,200 218,000	49. Brake power	100% 35,400 lbs.
BOILER		50. Truck, type	Arch bar
24. Working pressure, maximum	170 lbs.	51. Axles	A.R.A. 5" x 9"
25. Firebox, length x width	102" x 41"	52. Wheels	Cast iron 33"
26. Tubes, No., O.D., & Gauge	261-2"-11-B.W.G.	53. Maximum width over cylinders	9' 4 1/2"
27. Flues, No., O.D., & Gauge	None	54. " " " running boards, at cab	9' 10"
28. Tubes & Flues, length (in to in of tube sheets)	154 1/2"		