



GENL. DATA

1. Cylinders, dia. x stroke	25" x 30"	29. Heating surface, tubes & flues	sq.ft. 2895
2. Valve gear	Walschaert	30. " " firebox & syphons	" " 300
3. Valves, size & kind	14" Piston	31. " " total	" " 3195
4. " maximum travel	6 1/2"	32. " " superheater	" " 625
5. " steam lap	1"	33. " " equivalent total	" " 4132
6. " exhaust clearance	Line	34. Grates, length x width	110" x 80 1/2"
7. " lead in full gear	3/16"	35. " area	sq.ft. 61.3
8. " out off in full gear	88.8%	36. Brick arch, type	Security
9. Rated tractive power	61,298 lbs.	37. Arch tubes, O.D., Ga., Fin. lgth. over Bd.	None
10. Ratio of Adhesion (Wt. on Drivers - Trac. Power)	3.55	38. Stoker, type	None
11. Sharpest curve	22 Deg.	AIR BRAKE	
WEIGHT	Light	Wk. Order	
12. Leading truck		39. Schedule	W.A.B. 6-ET, WMS, 1412, Type 42-B
13. Driver, first	27,000	40. Brake Power	68% 148,920 lbs.
14. " second	52,000	41. Pumps	1 - 8 1/2" CC
15. " third	52,500	AXLES	
16. " fourth	57,400	42. Leading truck	Journal Dia. x Lgth. 6" x 12"
17. " total	55,600	43. Driving, main	" " " 11" x 12"
18. Trailing truck	217,500	44. Driving, other than main	" " " 9" x 12"
19. Total engine	None	45. Trailing truck	" " " None
20. Tender, front truck	214,600	TENDER	
21. " back "	87,600	46. Frame	Structural steel
22. " total	87,600	47. Draft gear	Farlow 3-key
23. Total engine & tender	68,000	48. Brake schedule	W.A.B. 6-ET, 1412, Type "L"
	282,600	49. Brake power	91% 61,600 lbs.
BOILER		50. Truck, type	Arch bar
24. Working pressure, maximum	200 lbs.	51. Axles	A.R.O.A. 6" x 11"
25. Firebox, length x width	110" x 80 1/2"	52. Wheels	Steel 33"
26. Tubes, No., O.D., & Gauge	237-2 1/2" - 11-B.W.G.	53. Maximum width over cylinders	10' 3"
27. Flues, No., O.D., & Gauge	36-5 1/2" - 9-B.W.G.	54. " " " running boards, at cab	10' 3"
28. Tubes & Flues, length (in to in of tube sheets)	181-7/8"		