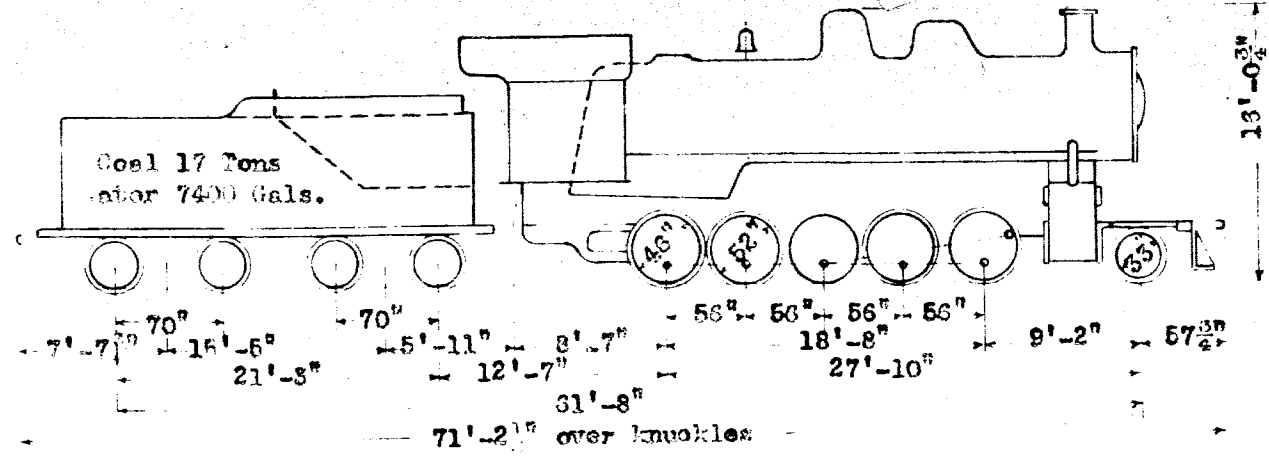


Engine No. 1104  
 Class II 1105  
 1107  
 1110



GEN. DATA

1. Cylinders, dia. x stroke	25" x 20"	28. Tubes & Flues, lgth. (in to in of tube sheets)	203 1/2"
2. Valve gear	Walschaert	29. Heating surface, tubes and flues	sq. ft. 2380
3. Valves, size & kind	12" Piston	30. " " firebox & syphons	" " 287
4. " maximum travel	6 1/2"	31. " " total	" " 2667
5. " steam lap	1 1/4"	32. " " superheater	" " 579
6. " exhaust clearance	Line	33. " " equivalent total	" " 3535
7. " lead in full gear	3/16"	34. Grates, length x width	108" x 86 1/2"
8. " cut off in full gear	80.3%	35. " area	sq. ft. 64.7
9. Rated tractive power	51,500 lbs.	36. Brick arch, type	Security
10. Ratio of Adhesion (Wt. on Drivers ÷ Trac. Power)	3.79	37. Arch tubes O., Ga., Fin. Lgth. over Bd.	None
11. Sharpest curve	16 Deg.	38. Stoker, type	None
WEIGHT	Light	AIR BRAKE	
12. Leading truck	23,800	39. Schedule	W.A.B. 6-ET, WU2, 1410, Type 21-B
13. Driver, first	39,400	40. Brake power	45.1% 79,376 lbs.
14. " second	39,400	41. Pumps	1-8 1/2" C.C.
15. " third	40,700	AXLES	
16. " fourth	37,300	42. Leading Truck	Journal Dia. x Lgth. 6" x 12"
17. " fifth	37,900	43. Driving, main	" " " 10 1/2" x 12"
18. " total	195,200	44. Driving, other than main	" " " 8 1/2" x 12"
19. Trailing truck	None	45. Trailing truck	" " " None
19. Total engine	195,500	TENDER	
20. Tender, front truck	76,650	46. Frame	Structural
21. " back "	76,650	47. Draft gear	Farlow-Liner
22. " total	57,600	48. Brake schedule	W.A.B. 6-ET, 1412, Type "L"
23. Total engine & tender	253,100	49. Brake power	78% 45,000
BOILER		50. Truck, type	Arch Bar
24. Working pressure, maximum	180 lbs.	51. Axles	A.R.A. 6" x 11"
25. Firebox, length x width	108" x 86 1/2"	52. Wheels	Steel 33"
26. Tubes, no., dia., & Gauge	194-2"-11-B.u.C.	53. Maximum width over cylinders	10' 3"
27. Flues, no., dia., & Gauge	28-5-3/8"-9-B. .C.	54. " " " running boards, at cab	10' 3"