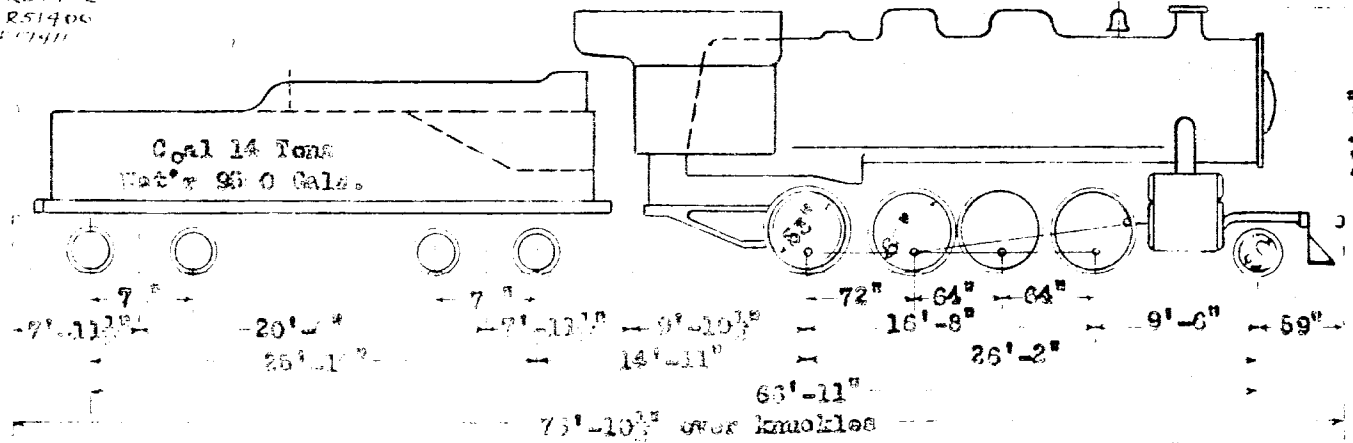


56
34

Built A.L.Co. May 1912
Builder's Nos. ~~R51396-51402~~
R51396 - R51402
R51404 - R51406
R51408 - R51410

Engines No. 75
Class H7-b
759-754
756-758
760-763



G.M.L. DATA		75'-10 1/2" over knuckles	
1. Cylinders, dia. x stroke	25" x 30"	29. Heating surface, tubes & flues	sq. ft.
2. Valve gear	Walschaert	30. " " " firebox & syphons	" "
3. Valves, size & kind	16" piston	31. " " " total	" " 58
4. " maximum travel	6 1/2"	32. " " " superheater	" " 658
5. " steam lap	1-1/16"	33. " " " equivalent total	" " 4214
6. " exhaust clearance	1/16" lap	34. Grates, length x width	111" x 80 1/2"
7. " lead in full gear	1/8"	35. " " area	sq. ft. 61.8
8. " cut off in full gear	33 1/2%	36. Brick arch, type	Security
9. Rated tractive power	43,125 lbs.	37. Arch tubes	None
10. Ratio of Adhesion (Wt. on Drivers ÷ Trac. Power)	4.07	38. Stoker, type	5 x 5 1/2, 8' long H"
11. Sharpest curve	22 Deg.	39. Schedule	W.A.B. 6-ET, WJ 3, 1412, Type 42-B
WEIGHT		40. Brake power	59% 128,100 lbs.
12. Leading truck	27,000	41. Pumps	2 - 8 1/2" CC
13. Driver, first	51,700	AXLES	
14. " second	52,200	42. Leading truck	Journal Dia. x Lgth. 6" x 12"
15. " third	58,700	43. Driving, main	" " " 10 1/2" x 12"
16. " fourth	53,400	44. Driving, other than main	" " " 9" x 12"
17. " total	216,000	45. Trailing truck	" " " None
18. Trailing truck	None	TENDER	
19. Total engine	214,400 243,000	46. Frame	Structural Steel
20. Tender, front truck	87,600	47. Draft gear	Farlow 3-key
21. " back "	87,600	48. Brake schedule	W.A.B. 6-ET, 1412, Type "L"
22. " total	68,000 175,200	49. Brake power	91% 61,600 lbs.
23. Total engine & tender	282,400 418,200	50. Truck, type	Andrews
BOILER		51. Axies	A.A.R. 6" x 11"
24. Working pressure, maximum	200 lbs.	52. Wheels	Steel 33"
25. Firebox, length x width	111" x 80 1/2"	53. Maximum width over cylinders	10' 3"
26. Tubes, No., O.D., & Gauge	100-2 1/2"-11-B.W.G.	54. " " " running boards, at cab	10' 3"
27. Flues, No., O.D., & Gauge	36-5 1/2"-9-B.W.G.		
28. Tubes & Flues, length (in to in of tube sheets)	197-7/8"		

Jan 3, 1958 Locomotive 759 Revised
Locos 753, 764 Retired