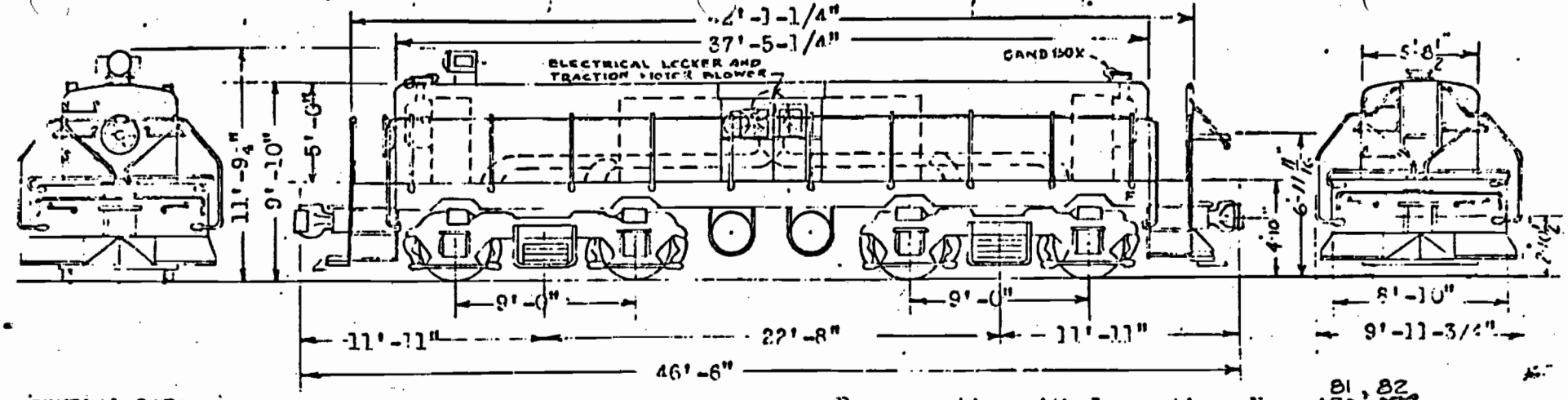
Built W.A.B.Co., March 1956 — Diesel Trailer Unit No. 139-1



GENERAL DATA

For operation with Locomotives Nos. 81, 82

1. Weight - Working Order	249,600 lbs.
2. Tractive Power @ 30% Adhesion	74,900 lbs.
3. Gear Ratio	62:15
4. Maximum Speed (in Series with Switcher)	9 M.P.H.
5. Engine	None
6. Underframe - All Welded	Baldwin-Lima-Hamilton
7. Ballast	Concrete and Steel
8. Air Filters	2 - 2" Farr
ELECTRICAL	
9. Generator	None
10. 4 - EMD Traction Motors Model D-77B	825 Amp. Cont. DC
11. 1 - EMD Traction Motor Blower	2400 RPM, 4250 CFM
12. 1 - Vapor Heating Corp. Blower Motor	5 HP, 1800 RPM, 74 Vts.
13. Control Equipment	G.E. Type P - 75 Volts
14. Multiple Control Cable - Front End, Length 60",	27 Wire
15. 1 - EMD Reverser	Part No. 8131666
16. 1 - Headlight	Pyle-National No. 1417-MO, 32 Volts
17. Lighting Circuit	75 Volts
DRAFT	
18. Arrangement	Vertical Swivel Yoke A.A.R.
19. Draft Gear	Miner A-22-XL
20. Coupler	6½"x 8" A.A.R. Type E, Top Operated
SANDING EQUIPMENT	
21. Type - Prime	Front & Back, Each Truck
22. 8 Sand Traps - Prime	4 - GMS-251, 4 - GMS-256
23. 4 Control Valves	Prime GMS-250
24. 2 Magnet Control Valves with Manifold	Alco Type 17MC2AS
25. 4 Sand Boxes - Total capacity -	36 cu.ft.
26. 2 Sand Box Lids	E.M.D. Part No. 8151948
27. 8 Rubber Sand Nozzles	¾ I.D. Air Hose

BRAKE EQUIPMENT	
28. Air Brake Schedule	W.A.B.Co. 14-EL
29. Air Brake Power	145,000# @ 50# Cyl. Pressure
30. Reservoirs	2 - 22½" x 84", Capacity 60,650 cu.in.
31. Control Air Reservoir	1-12"x 24", Capacity 2,500 cu.in.
32. Distributing Valve	W.A.B.Co. No. 6 DKA
33. Reducing Valve - Control Air	W.A.B.Co. Type [illegible]
34. Relayaire Valve	W.A.B.Co. Type H-5-BS
35. Safety Valve - Set valve 150#	W.A.B.Co. E-7b
36. Combined Dirt Collector & Branch Pipe Cutout Cock	Mabee
37. Vent Valve	W.A.B.Co. Type EV
38. Emergency Brake Valve	1 - W.A.B.Co. Type B-3
39. Hand Brake	Champion-Peacock No. 1412
40. Main Reservoir Pipe	1¼ dia.
Cobra Brake Shoes V-144	J-6 Relay Valve
TRUCKS	
41. Type	E.M.D. Type Cast Steel, Heat Treated
42. Axles -Heat Trt. 6½"x12"	Journals for Hyatt Roller Brgs.
43. Wheels	40" dia. Rolled Steel
44. Brake Cylinders	8 - 9" x 8"
45. Side Bearing	Plain Steel Hardened
46. Side Bearing Safety Device	Interlocking Type
47. Flange Oilers	None
LIMITING DIMENSIONS	
48. Maximum length (inside knuckles)	46'-6"
49. Maximum width	9'-11-3/4"
50. Maximum height	11'-9-1/4"
51. Maximum degree of curvature	21°