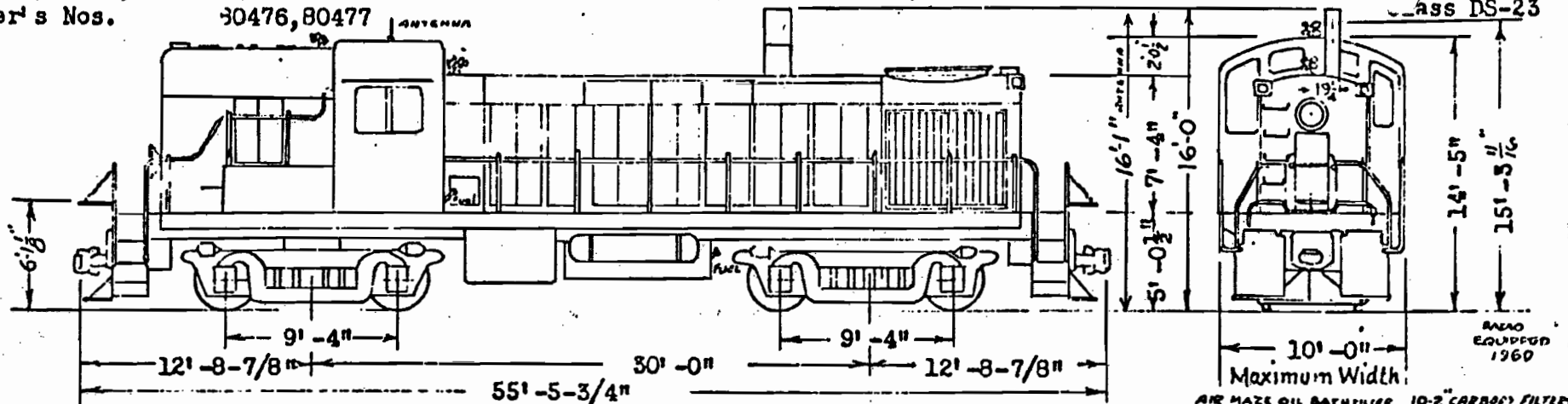


Built by 1953, American Locomotive Co.
Builder's Nos. 80476, 80477

Diesel Electric Road Switching Locomotives No.

193, 194
Class DS-23



GENERAL DATA - MU Connections - Front and Back

J-16 RED VALVE

TRAIN AIR SIGNAL EQUIPMENT

Dynamic Braking - 650 Amps. Max. 33000# @ 22 MPH

AIR MADE OIL BATH TYPE, 10-2 CARBON FILTER WABCO

AUTOMATICALLY REGULATED

1. Weight - Working Order	256,000 lbs.	28. Fuel Oil	800 Gals. (1 Tank)	Lubricating Oil	200 Gals.	
2. Horsepower	1600	29. Cooling Water	250 Gallons	Sand	29 cu. ft.	
3. Ratio of Gears	74-13	AIR BRAKE	Flat Maintaining and Emergency Brake Valve			
4. Maximum Speed (Over Speed Setting)	65 M.P.H.	30. Schedule	1	24 RL	W.A.B.Co.	
ENGINE		31. Brake Power @ 30 lbs. cylinder pressure	106,800 lbs.	32. Air Compressor	Westinghouse 3 CDB	
5. Type-4 Cycle, V Type, Series 244D, Turbo Superch'd.	Alco	33. Air Compressor Capacity at full engine speed	306 CFM	34. Reservoir Capacity	60,650 cu. in.	
6. Cylinders - Bore and Stroke	12 - 9" dia. x 10 1/2"	35. Feed Valve - D-24-B	Relay Air Valve HA-24-C	36. Deadman Control Pedal-Breakintwo Protection	Wabco	
7. Speed - Idling	350 R.P.M. at Rated H.P. 1000 R.P.M.	37. Handbrake	Ajax, Reservoir Drain Valves	Prime	MISCELLANEOUS	
8. Turbo Supercharger	Model G.E. RD1K1	38. Fire Extinguishers	2 3/4" Ansul in Cab, 2 - 30-lb. Ansul	39. Sanders	8 Graham-White Windshield Wipers - Sebacue	
9. Governor	G.E. Type 17-MG6D1 Electro-Hydraulic	40. Horns	2 Nathan M5 Modulated, Bell Ringer	Price	41. Speed Recorder	Balco DP, 0-60 M.P.H.
ELECTRICAL		42. Draft Gear	Miner A-22-XL	Couplers	A.A.R. Type "E"	
10. 1 - G.E. Main Generator Type 50T581A1	Cont. Rat. 2170 Amps	43. Steam Generator	2750#/Hr.	Vapor-Clarkson	CK-4625	
11. 1 - G.E. Aux. Generator Type 5GY-27A3	12 KW, 75 Volts DC	44. Water Capacity for Steam Generator	1200 Gals.	TRUCKS		
12. 1 - G.E. Exciter	Type 5-AM-808-A3 9KW, 100V, 240CRPM	45. Type	4-wheel Swivel Swing Motion Pedestal Type	V-110 Cobra Brake Shoes		
13. 4 - G.E. Tract. Motors Type 50E-752-E1	1085 Amps. Cont. DC	46. Axles	6 1/2" x 12" Journals for Ryatt Roller Bearings	47. Wheels		40" M.W. Rolled Steel
14. 1 - G.E. Radiator Fan Aphonc	Type 50DY32A1 75 Volts DC	48. Brake Cylinders	8 - 10" dia. x 8" W.A.B.Co.	49. Side Bearings		Plain Steel - Hardened
15. 1 - G.E. Fuel Pump-Type 5BC76AB-236A	1 H.P. 75 Volts DC	LIMITING DIMENSIONS				
16. Control Equipment-GE Type P, Overspeed with Time Delay		50. Maximum Length Coupled	55' - 5-3/4"	51. Maximum Height		15' - 8-11/16"
17. Multiple Control Cable	60 Inch Length, 27 Wires					
18. Batteries	32 Cells, 64 Volt, Exide MV-25-D					
19. Lighting Circuit	75 Volts					
20. Headlight - 2 Pyle-National Twin-Sealed Beam	200W, 30V					
TRACTIVE POWER						
21. Starting at 25% adhesion	64,000 lbs.					
22. 10 M.P.H.	49,000 lbs.					
23. 15 M.P.H.	33,500 lbs.					
24. 20 M.P.H.	25,000 lbs.					
25. 25 M.P.H.	20,000 lbs.					
26. 30 M.P.H.	16,500 lbs.					