



GENERAL DATA

COBRA COMPOSITION BRAKE SHOES NO. V-101 APPLIED BOTH UNITS MARCH 1956

|                                  |   |   |  |
|----------------------------------|---|---|--|
| 1. Weight - Working Order        | 88,000 lbs.                                     | CAPACITY (Continued)                          |  |
| 2. Horsepower                    | 380 H.P. @ 1000 r.p.m.                          | 27. Sand                                      | 1800 lbs.                                  |
| 3. Tractive Power @ 25% adhesion | 22,000 lbs.                                     | MISCELLANEOUS                                 |  |
| 4. Ratio of Gears                | 11.25 - 1                                       | 28. Sanders                                   | 4 Type K - Graham White                    |
| 5. Maximum speed restriction     | 35 M.P.H.                                       | 29. Horn                                      | Westinghouse A-2                           |
| ENGINE                           |   | 30. Bell Ringer                               | Transportation Devices Corp.               |
| 6. Type                          | 2 Alban - "V" Type Caterpillar D-17000, 4 Cycle | 31. Window Wiper                              | Sprague Standard Type                      |
| 7. Cylinders                     | 8   | 32. Traction Motor Blower                     | None                                       |
| 8. Cylinders - bore and stroke   | 5-3/4" x 8"                                     | 33. Draft Gear                                | None                                       |
| 9. Displacement (Two engines)    | 3340 cu.in.                                     | 34. Coupler                                   | 6" x 6" Shank A.A.R. Type "E" Top Operated |
| ELECTRICAL                       |   | AIR BRAKE CYLINDERS 4 1/2" x 8" TYPE UAH8     |  |
| 10. 2 GE Generator               | Type GT 555 A1 Cont. Rat. 840 Amps.             | 35. Schedule                                  | Westinghouses Type EL-14                   |
| 11. 2 GE Aux. Generator          | " GMG 140 A1 " " 20 "                           | 36. Brake Power                               | 62% 54,500 lbs.                            |
| 12. 4 GE Motors                  | " 733 J1 " " 325 "                              | 37. Pumps (Air Compressor)                    | 2 Gardner-Denver Type ADS                  |
| 13. Control Equipment            | Type "M"  | 38. Pump capacity at full engine speed        | Each - 50 c.f.m.                           |
| 14. Radiator                     | Yates   | 39. Reservoir capacity                        | 30,000 cu.in.                              |
| 15. Batteries                    | Exide 32-cell KT-19                             | 40. Hand Brake                                | Blackall Drop lever Type                   |
| 16. Lighting Circuit             | 75 Volts  | TRUCKS  |  |
| 17. Headlight                    | bulb 250 Watts, 32 Volts                        | 41. Type                                      | 4-Wheel Swivel                             |
| TRACTIVE POWER                   |   | 42. Axles                                     | Journal dia. & length 5" x 9"              |
| 18. Starting                     | 26,400 lbs.                                     | 43. Wheels                                    | Rolled Steel 33" dia.                      |
| 19. 5 M.P.H.                     | 17,500 "  | 44. Brake cylinders                           | 4 - 6" x 8" type B                         |
| 20. 10 M.P.H.                    | 9,650 "   | 45. Side bearings                             | Plain Steel                                |
| 21. 15 M.P.H.                    | 6,650 "   | 46. Flange Oilers                             | 8 Swanson Type                             |
| 22. 20 M.P.H.                    | 4,800 "   | LIMITING DIMENSIONS                           |  |
| 23. 25 M.P.H.                    | 3,500 "   | 47. Maximum length (inside knuckles)          | 33' 5"                                     |
| CAPACITY                         |   | 48. " width                                   | 10' 1"                                     |
| 24. Fuel                         | 250 gals.                                       | 49. " height                                  | 13' 2-7/8"                                 |
| 25. Cooling water                | 80 "  | 50. Minimum radius of curvature (Loco. Alone) | 50'  |
| 26. Lubricating Oil              | 100 "   |   |  |