



	REAR TRUCK	FRONT TRUCK	TOTAL
LOADED WT.	119,000 LB	117,400 LB	236,400 LB
LIGHT WT.			221,800 LB
SUPPLIES			14,600 LB

ALL WEIGHTS ON DRIVERS

LOCO NUMBERS	0450-0464
BUILDER AND YEAR	AMERICAN Loco CO. 1947
MAX TRACTIVE EFFORT 25% ADHESION	38500 LBS.
CONT TRACTIVE EFFORT	48500 LBS.
SPEED AT CONT. TRACTIVE EFFORT	41 M.P.H.
MAX DESIGN SPEED	68 M.P.H.
MIN. CURVATURE	21°
FUEL CAPACITY	200 GALS.
LUBRICATING OIL - DIESEL ENGINE	200 GALS.
COOLING WATER - DIESEL ENGINE	250 GALS.
NO. OF SAND BOXES	FOUR
TOTAL SAND CAPACITY	2200 LBS.
SANDERS	GRAMM-WHITE, FRONT & BACK - EACH TRUCK
DIESEL ENGINE - MAKE	ONE A.L.CO. SERIES 244 V TYPE
DIESEL ENGINE - TYPE	4 STROKE CYCLE TURBO SUPER-CHARGED
DIESEL ENGINE - NO. OF CYLINDERS	TWELVE - SIZE 5 1/2" x 10 1/2"
DIESEL ENGINE - HORSEPOWER	1500 H.P. AT 1000 R.P.M.
MAIN GENERATORS - NO. MAKE & TYPE	ONE G.E. GY-564
AUX. GENERATORS - NO. MAKE & TYPE	TWO G.E. GY-27
EXCITERS - NO. MAKE & TYPE	ONE G.E. AM-800
TRACTION MOTORS - NO. MAKE & TYPE	FOUR G.E. GE-752
GEAR RATIO	18:74
CONTROL STATION	RESTLESS POSITION
CONTROL M.U.	G.E. TYPE P
AIR COMPRESSOR - NO. MAKE & TYPE	ONE W.A.S. OR 3-COB
AIR COMPRESSOR CAPACITY - FULL SPEED	500 CFM
AIR COMPRESSOR CAPACITY - IDLE SPEED	107 CFM
AIR BRAKES	W.A.S. 24RL
FOUNDATION BRAKES	AMERICAN BRAKE DIVISION
BRAKE CYLINDERS	8-10" x 8" W.A.S. TYPE MAN
HAND BRAKE	NATIONAL PEACOCK 1040 RS
DYNAMIC BRAKE - TYPE	G.E. SINGLE RANGE
DYNAMIC BRAKE BLOWER	G.E. GY-19A1
TRUCKS	4-WHEEL - EQUALIZED
JOURNAL BEARINGS	6 1/2" - TIMKEN ROLLER
RADIATOR FAN	G.E. 72 AERONIC, EDDY CURRENT CLUTCH
TRACTION MOTOR BLOWER MOTOR	TWO G.E. GY-26A2
DRAFT GEAR	NATL. MALL. RUBBER TYPE M-345
COUPLER	A.A. TYPE E
WARNING HORNS	ONE W.A.S. CO. AS
STAND BY HEATING	EXTERNAL SOURCE
FIRE EXTINGUISHER	TWO 50 LB. LUX, ONE 1 GAL CARBON-TET
BATTERY - MAKE	E.S.B. CO.
BATTERY - NO. & TYPE OF CELLS	THIRTY-TWO - MVANT-25
VERTICAL CENTER OF GRAVITY	59' ABOVE RAIL
BACK-UP LIGHT	PYLE NATIONAL

WHERE USED
 OVER THE
 ROAD LINES
 0450-0464
 DEV-5b

W.D.	WEIGHT DISTRIBUTION	6-350	A
W.R.	WHY REISSUED	DATE	LETTER

N.Y., N.H. & H.R.R.
 NEW HAVEN MAR. 25, 1947

DIAGRAM
 0450-0464

CORRECT
 APPROVED
 56196

1/2" CA. 1/4" IN.