



	790-791	792-799
TOTAL WEIGHT LBS.	306,000	307,500
WEIGHT ON DRIVERS LBS.	251,480	252,480
WEIGHT ON FRONT TRUCK LBS.	127,300	128,900
WEIGHT ON REAR TRUCK LBS.	178,700	181,600

LOCO. NUMBERS	790-791	792-799	HAND BRAKE
BUILDER & YEAR			TRUCKS
MAX TRACT. EFFORT AT 25% ADHESION	62870 LBS.	63120 LBS.	JOURNAL BEARINGS
CONTINUOUS TRACTIVE EFFORT	30000 LBS.	36600 LBS.	RAD. FANS-NO. MAKE & TYPE
SPEED AT CONT. TRACT. EFFORT	25.2 M.P.H.	20.4 M.P.H.	RAD. FAN MOTORS-NO. MAKE & TYPE
MAX. DESIGN SPEED	107 M.P.H.	90 M.P.H.	TRACTION MOTOR BLOWER
MIN. CURVATURE	21°		TRAC. MOTOR BLOWER MOTOR
FUEL CAPACITY	1200 GALS.		DRAFT GEAR
LUBE OIL - DIESEL ENGINE	400 GALS.		COUPLERS
COOLING WATER - DIESEL ENGINE	350 GALS.		WARNING HORNS
WATER - STEAM GENERATOR	1800 GALS.		HEADLIGHTS
NO. OF SAND BOXES	4		BACK UP LIGHT
SAND CAPACITY	2000 LBS.		SPEED INDICATOR
SAWDERS-FT. & BK. EACH TRUCK	8 - GRAHAM WHITE		ONE SIGNAL EQUIPMENT
DIESEL ENGINE - MAKE	F.M. MODEL 38 D-19		STEAM GENERATOR
DIESEL ENGINE - TYPE	OPPOSED PISTON 2 CYC. K.		CAB HEATER
DIESEL ENGINE - NO. OF CYLINDERS	12 - 8 1/2" x 10"		FIRE EXTINGUISHERS
DIESEL ENGINE - HORSE POWER	2400 AT 850 RPM		BATTERY LOCS. 790
MAIN GENERATOR-NO. MAKE & TYPE	1 WESTINGHOUSE-498 A		BATTERY LOCS. 791
AUX. GEN. EXCITER-NO. MAKE & TYPE	1 WESTINGHOUSE-YG 54 A		BATTERY LOCS. 792-794
ALTERNATOR-NO. MAKE & TYPE	1 F.M. T.G.Z.O.		BATTERY LOCS. 798-799
TRACTION MOTORS-NO. MAKE & TYPE	4 WESTINGHOUSE 3784 OR 3785 OR 3786 OR 3787 OR 3788 OR 3789		GEAR RATIO
CONTROL	WESTINGHOUSE-SINGLE END PANEL.		
AIR COMPRESSOR-NO. MAKE & TYPE	1 WAB 3 CD		
AIR COMPRESSOR-CAPACITY-FULL SPEED	262 CFM AT 850 RPM		
AIR COMPRESSOR-CAPACITY-IDLING SPEED	92 CFM AT 300 RPM		
AIR BRAKES	WAB CO #24 RL		
FOUNDATION BRAKES	A S.F.		
BRAKE CYLINDERS-DRIVERS	8 - 10" x 10"		
BRAKE CYLINDERS-IDLER	2 - 9" x 10"		

NATIONAL - PEACOCK	6 S.C. CO. 4 WHL. FRT. 6 WHL. BK.
TYPEDEN - 6 1/2" x 12"	4
4 F.M. - QZA	
4 - STURTEVANT	
4 - F.M. - QXZA	
NAT. PAL. M-300 RUBBER	
TITE LOCK - AAR TYPE H	
2 - WAB CO. TYPE E B	
1 - PYLE - NATIONAL	
1 - PYLE - NAT. TS LC - 228	
4 B	
G.R.S. DISK	
WIPOR - TYPE OK 4740	
80 G. COOLING WATER - KYSOR	
4 - 20" AN BL.	
EXUR - 3E NVAHT - 29	
EXUR - 3E KPH - 29	
EXUR - 3E MV - 25 P	
EXUR - 3E KPZ - 25 P	

VIEW USED
DIESEL ENO.
LOCS.
DER. 4
790 - 799

N.Y., N.H. & H.R.R.
NEW HAVEN MAY 28, 1951.

DIAGRAM

NO.	BY	DATE	LETTER	APPROVED
A	TO ALL LOCS. 792-799	5-27-51	B	
A	TO ALL LOCS. 792-799	8-14-51	A	
IN CH. BY	WAY PROPOSED	DATE	LETTER	

CORRECT

APPROVED

W. Paige

56342

J. L. Schell