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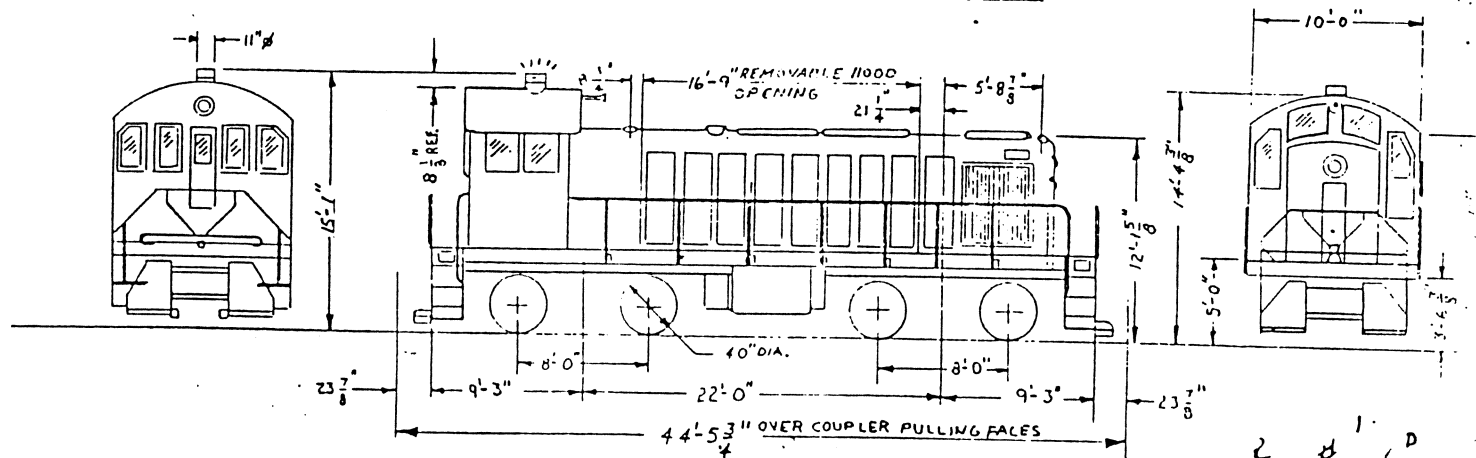
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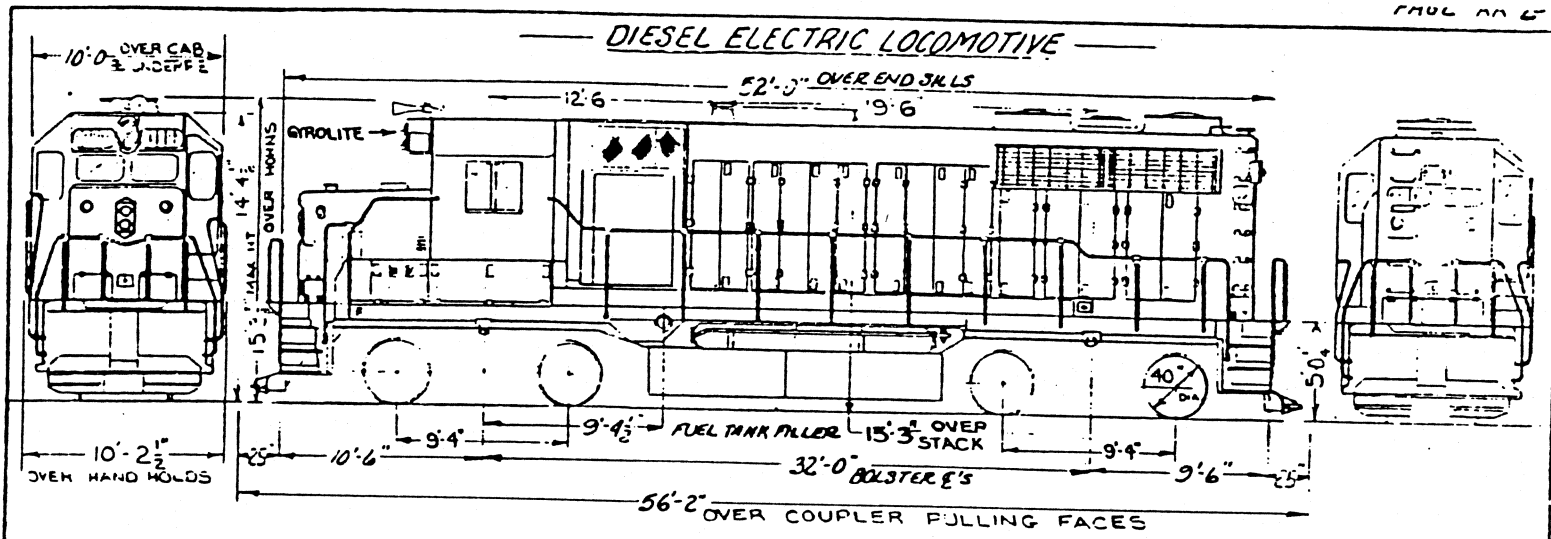
— DIESEL ELECTRIC LOCOMOTIVE —



FORMER #1
 TRANSFERRED
 TO #10
 2-67

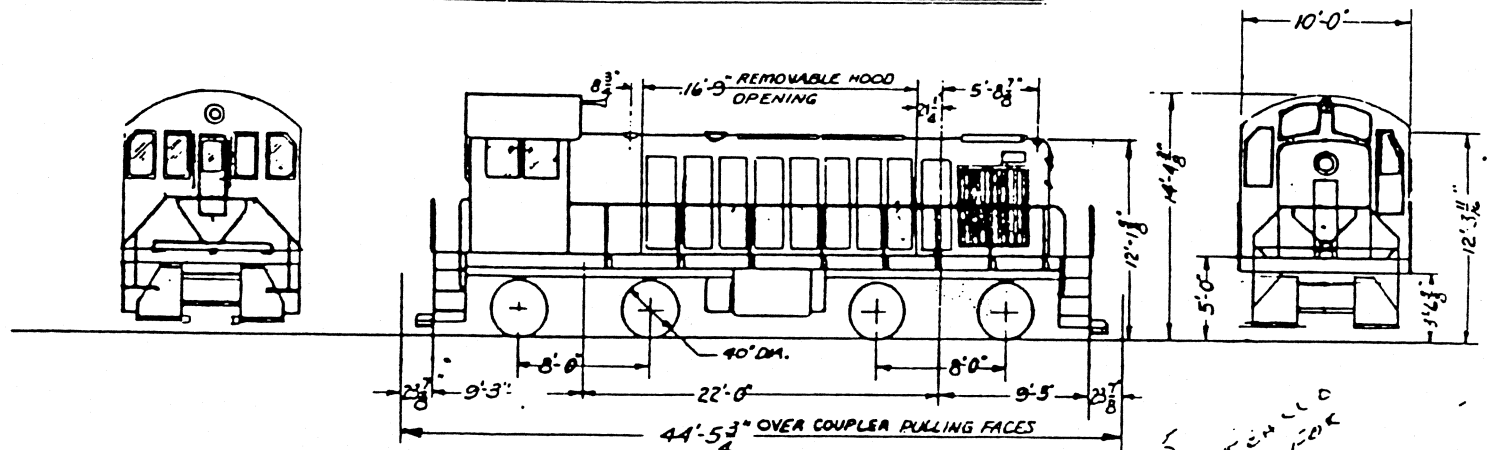
- GENERAL -		2: SERIES - PARALLEL	3: SERIES - PARALLEL SHUNT
BUILDER: AMERICAN LOCOMOTIVE CO.		- CHASSIS -	
SERIAL NO:		DRAFT GEAR: NATIONAL M-17-A	
YEAR BUILT: 1952		AIR BRAKES: WESTINGHOUSE 1A-EL	
TYPE: SWITCHER		4 - 9" 47" CYLINDERS	
MINIMUM CURVE RADIUS: 50 FT.		JOURNALS: 6 7/8" X 12"	
MAXIMUM PERMISSIBLE SPEED: 60 M.P.H.		HORN:	
GEAR RATIO: 75-16		HEADLIGHTS: PYLE NATIONAL C 620-LCZ	
MODEL: 3-3 660 H.P. SWITCHER		SANDERT: GRAHAM-WHITE	
- ENGINE -		WARMING LIGHT: RE. DIETZ 211A (AMBER) 24VOLT	
TYPE: 4 CYCLE SINGLE ACTING DIESEL		- SUPPLIES -	
MODEL: VERTICAL 6 CYLINDER 12 1/2" X 13"		FUEL OIL: 637 GALS.	
RATING: 660 H.P. AT 740 R.P.M.		COOLING WATER: 220 GALS.	
AIR COMPRESSOR: WESTINGHOUSE 3CD		LUBRICATING OIL: 80 GALS.	
22B CFM @ 740 R.P.M.		SAND: 27 CU. FT.	
- ELECTRICAL -		- WEIGHTS -	
TRACTION MOTORS: (4) GENERAL ELECTRIC GF-731		ON DRIVERS: LIGHT 195,400 LBS.	
GENERATOR: GENERAL ELECTRIC GT-532-A		LOADED 146,210 LBS.	
AUX. GENERATOR & EXCITER: GENERAL ELECTRIC GM6-139-A1		TRACTION EFFORT: STARTING 19,050 LBS.	
VOLTAGE: 630 VOLTS D.C. (NOMINAL)			
BATTERIES: 32 CELL 64VOLT GOULD			
TRANSITION: AUTOMATIC OR MANUAL			
CONNECTIONS: 1: SERIES			

LOCO. NO. 10
ANN ARBOR RAILROAD
 MECHANICAL ENGINEERING DEPT. 12-17-6
 - REVISIONS -



<p>GENERAL</p> <p>BUILDER: ELECTROMOTIVE DIV. G.M. CO</p> <p>SERIAL NO.: 28991-29000 (10 UNITS)</p> <p>YEAR BUILT: 1964</p> <p>TYPE: ROAD SWITCHING</p> <p>CURVE RADIUS: SINGLE 250'-23" MULTIPLE 303'-10"</p> <p>MAX PERMISSIBLE SPEED - 71 MPH</p> <p>GEAR RATIO: 74:10</p> <p>MODEL: GP 35</p>	<p>COUPLERS</p> <p>DRAFT GEAR: NAT'L TAIL NO 11-380-A RUBBER</p> <p>A.E. SPRINGS: 246 WITH F CONTROL VALVE</p> <p>JOURNALS: 6" X 12" TIMBER ROLLER BEARING</p> <p>HORN: NATHAN M. JEL'S CHIME</p> <p>SNOW FLOW - FRONT END ONLY, REMOVABLE</p>	<p>394 Damaged Head on</p> <p>Collection 96.10.10-18-69 Head</p> <p>For Rep. Est. 98,000. Unit returned</p> <p>to ATC 3-8-70.</p>
<p>ENGINE</p> <p>TYPE: DIESEL - 2 CYCLE (MID-CYCLE)</p> <p>MODEL 16-56TD3A 16 CYL V45" 8 1/2" X 10"</p> <p>RATING: 2500 HP @ 900 R.P.M.</p> <p>AIR COMPRESSOR WAO 253 CFM @ 90 P.S.I.M.</p>	<p>SUPPLIES</p> <p>FUEL OIL CAPACITY: 2300 GALS</p> <p>COOLING WATER: 275 GALS</p> <p>LUBRICATING OIL: 243 GALS</p> <p>SAND: (20 CU FT/END) TOTAL 40 CU FT.</p>	<p>385 Damaged in yard</p> <p>Head on 1-13-70 to End For Rep.</p> <p>Est 120,000.</p>
<p>ELECTRICAL</p> <p>TRACTION MOTORS: GE 752-640 20</p> <p>GENERATOR: EMD D-32 ALTERNATOR 80 KW</p> <p>VOLTAGE: 600 VOLTS D.C. (NOMINAL)</p> <p>BATTERIES: 32 CELL - 64 VOLT EXIDE-GOULD</p> <p>TRANSITION: AUTOMATIC</p> <p>CONNECTIONS: SERIES PARALLEL (NINE STEP FIELD SHUNT) PARALLEL (SIX STEP FIELD SHUNT)</p> <p>SIGNAL LIGHT: PRE-WAR BYROUTE (1 RED, 1 WHITE)</p>	<p>WEIGHTS</p> <p>ON DECKERS - LIGHT 232,300 LBS</p> <p>" LOADED 257,500 LBS</p> <p>TOTAL LOADED 297,300 LBS</p>	<p>TRACTIVE EFFORT - @ 25% ME WT 75,300 LBS</p> <p>STARTING 63,300 LBS</p> <p>CONTINUOUS: @ 12 MPH 31,000 LBS.</p>
		<p>LOC NO. 385-394</p>
		<p>ANN ARBOR RAILROAD</p> <p>MOTIVE POWER DEPT 3-27-64</p>
		<p>3/63</p>

DIESEL ELECTRIC LOCOMOTIVE



LOCO'S 6 & 7 EQUIPPED WITH IMMERSION HEATERS

AA # 5
 200 U 10 RENTAL
 70 H 1 9,500
 AA # 4 2-3-4
 200 U 10 RENTAL
 200 # 3,000

- GENERAL -		- CHASSIS -	
BUILDER: AMERICAN LOCOMOTIVE CO.	SERIAL NO.	DRAFT GEAR: NATIONAL M-17-A	AIR BRAKES: 14 EL
YEAR BUILT: (LOCO 213, 1944) (LOCO 3, 6, 7, 1950)	TYPE: SWITCHER	WHEELS: 77 1/8" (LOCO'S 2 & 3)	61" x 12" (LOCO 4 & 7)
CURVE RADIUS: MIN - 50 FT. (1/4")	MAX PERMISSIBLE SPEED - 60 MPH	- SUPPLIES -	
GEAR RATIO: 75-16	MODEL: 660 H.R. SWITCHER	FUEL OIL CAPACITY: 633 GALS.	COOLING WATER: 220 GALS.
- ENGINE -		LUBRICATING OIL: 80 GALS.	SAND: 27 CU FT.
TYPE: DIESEL 4 CYCLE	MODEL - VERTICAL 6 CYLINDERS 12 1/2" x 13"	- WEIGHTS -	
RATING - 660 HP AT 740 RPM	AIR COMPRESSOR: 8 CD 220 CFM @ 740 RPM (LOCO 2 & 3)	ON DRIVERS - LIGHT	186,000 LBS.
3-CD (LOCO 4 & 7)		" " " LOADED	197,750 "
ELECTRICAL		TOTAL - " LOADED	197,750 "
TRACTION MOTORS (4) GENERAL ELECTRIC GE 731	GENERATOR: GENERAL ELECTRIC - GT 552	TRACTION EFFORT @ 25% OF WT @ 197,750 LBS	
VOLTAGE: 600 NOMINAL	BATTERIES: 32 CELL - 64 VOLTS GROUND	STARTING: 49,440 LBS.	
TRANSITION: AUTOMATIC OR MANUAL	CONNECTIONS: 1 SERIES		
2 SERIES - PARALLEL	3 SERIES - PARALLEL SHUNT (REDUCED FIELD)		
		LOCO NO. 2, 3, 4, 5, 6, 7	
		ANN ARBOR RAILROAD	
		MECHANICAL ENGINEERING DEPT. 11-3-64	
		- REVISION -	
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