

ANN ARBOR

RAILROAD

EQUIPMENT

ANN ARBOR DIESEL ELECTRIC LOCOMOTIVES

LOCO. NO.	DATE-BUILT	BUILDER	SERIAL NO.	PAGE NO.
6	1950	A.L.CO.	78402	AA 2-1
7	1950	A.L.CO.	78403	AA 2-1
10	1952	A.L.C.O.	(EX-MILS#1)	AA 2-2
20	1950	A.L.CO.	78374	AA 2-3
21	1950	A.L.CO.	78375	AA 2-3

LOCO. NO.	DATE-BUILT	BUILDER	SERIAL NO.	PAGE NO.
385	1964	E.M.D.	28991	AA- 2-4
386	1964	E.M.D.	28992	" " "
387	1964	E.M.D.	28993	" " "
388	1964	E.M.D.	28994	" " "
389	1964	E.M.D.	28995	" " "
390	1964	E.M.D.	28996	" " "
391	1964	E.M.D.	28997	" " "
392	1964	E.M.D.	28998	" " "
393	1964	E.M.D.	28999	" " "
394	1964	E.M.D.	29000	" " "

REV. 1/5/64
 12/69
 7/70

ANN ARBOR FREIGHT CARS

CAR NOS.	BUILDER	TYPE	NO CARS	PAGE
905 928 940 946	"	BULKHEAD FLATS	4	3-2
1-60	PULLMAN	COV. HOPPER	27	AA.6-1
61-135	"	" "	35	AA.6-2
136-185	A.C.F	" "	42	AA.6-3
500-599	GREENVILLE	" "	96	AA.6-4
443	PULLMAN-STD	BOX	1	AA.7-3
1000-1099	A.C.F	BOX	88	AA.7-4
1200-1399	PULLMAN	"	66	AA.7-5
1400-1409	"	"	9	AA.7-6

CAR NOS.	BUILDER	TYPE	NO CARS	PAGE
15400-15499	PULLMAN	BOX	2	7-7
16534,16686	"	"	2	7-9
69000,69012	THRALL	BOX	2	AA 7-10
" "	(CLEARANCE	DIAGRAM)	-	AA 7-11
69001,02,07	GREENVILLE	BOX	3	AA 7-12
" " "	(CLEARANCE	DIAGRAM)	-	AA 7-13
69003,4,5,6,8,9,10,11	THRALL	BOX	8	AA 7-14
" " " " " " " "	(CLEARANCE	DIAGRAM)	-	AA 7-15

REV. 1/66 1/69 7/0 1/12

WORK AND MARINE EQUIPMENT

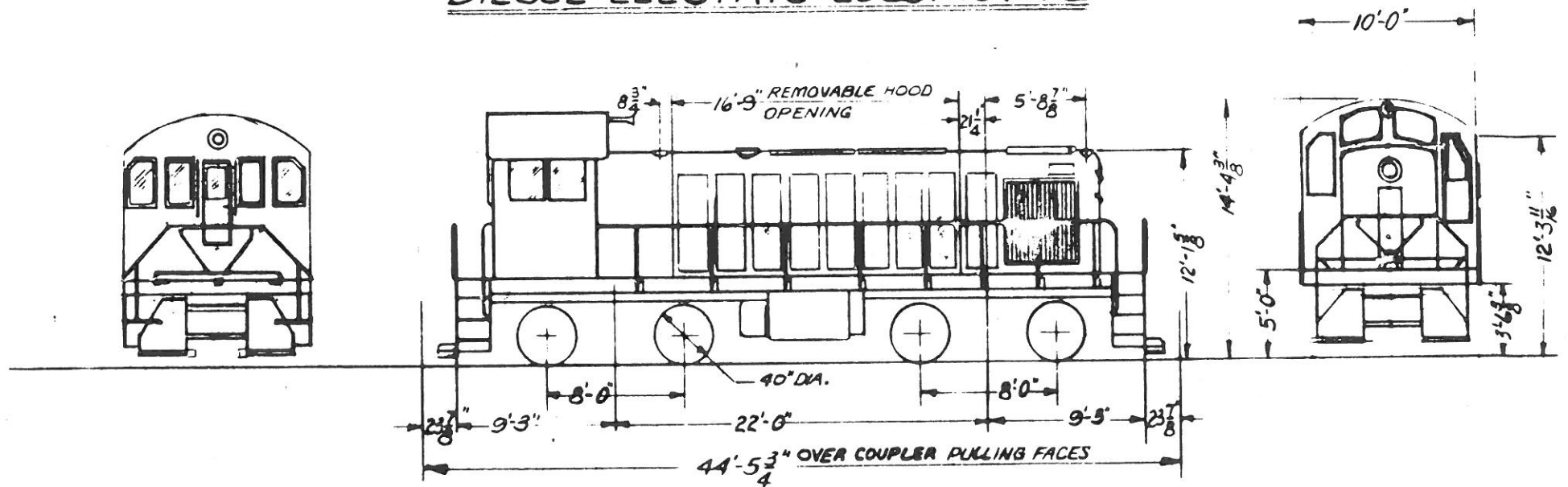
NUMBERS	BUILDER	CLASS	NO. OF CARS	PAGE	CAR FERRY	BUILDER	PAGE
2700-2701	STD. STEEL CAR CO.	CABOOSE	2	AA8-1			
					ARTHUR K. ATKINSON	GREAT LAKES ENG'RING WORKS	AA10-1
					VIKING	MANITOWOC SHIPBUILDING, INC.	AA10-2
2823	ANN ARBOR	CABOOSE	1				
2831-2839	WABASH R.R.	CABOOSE	7	AA8-2			
2840-2846	INTERNATIONAL	CABOOSE	4	AA8-2			
3187	BUCYRUS CO.	WRECK CRANE	1	AA9-1			
3295	ANN ARBOR	TOOL CAR	1				
3296	PULLMAN CO.	DINER & BUNK	1				
3394	HASKELL, BARKER	FLAT BOOM IDLER	1				
3395	ANN ARBOR	FLAT	1				
3396	ANN ARBOR	FLAT	1				
4105		TENDER	1				
4319	WABASH R.R.	BUNK CAR	1				
4502	RUSSEL CAR & SNOW PLOW	SNOW PLOW	1				
4505-4518	ANN ARBOR	FERRY IDLER	6				
4534-4550	WABASH R.R.	FLAT	6				
X-4619 - X-4648	VARIOUS	COMPANY MATERIAL CARS	29				
X-4625		BOILER CAR	1				
5454		.GON, SCRAP CAR	1				
5456		.GON, SCRAP CAR	1				
5458		.GON, SCRAP CAR	1				

REVISION 1/1/20

LEASED CARS WITHOUT A. A. REPORTING MARKS

REPORTING MARKS	NUMBER LEASED	LESSOR	CAR DESCRIPTION
GACX: 42700 & 42701	10	ARCHER-DANIELS-MIDLAND	C.HOP: 50 TON, CAPY. 2600 cu. FT., BUILDER GEN. AM.
GACX: 45802	1	GENERAL AMERICAN	C.HOP: 70 TON, CAPY. 2600 cu. FT., BUILDER GEN. AM.
GATX: 29584	1	GENERAL AMERICAN	TANK: 50 TON, CAPY. , BUILDER
SHPX: 46025-46029	5	SHIPPERS CAR LINE	C.HOP: 100 TON, CAPY. 4650 cu. FT., BUILDER A.C.F.

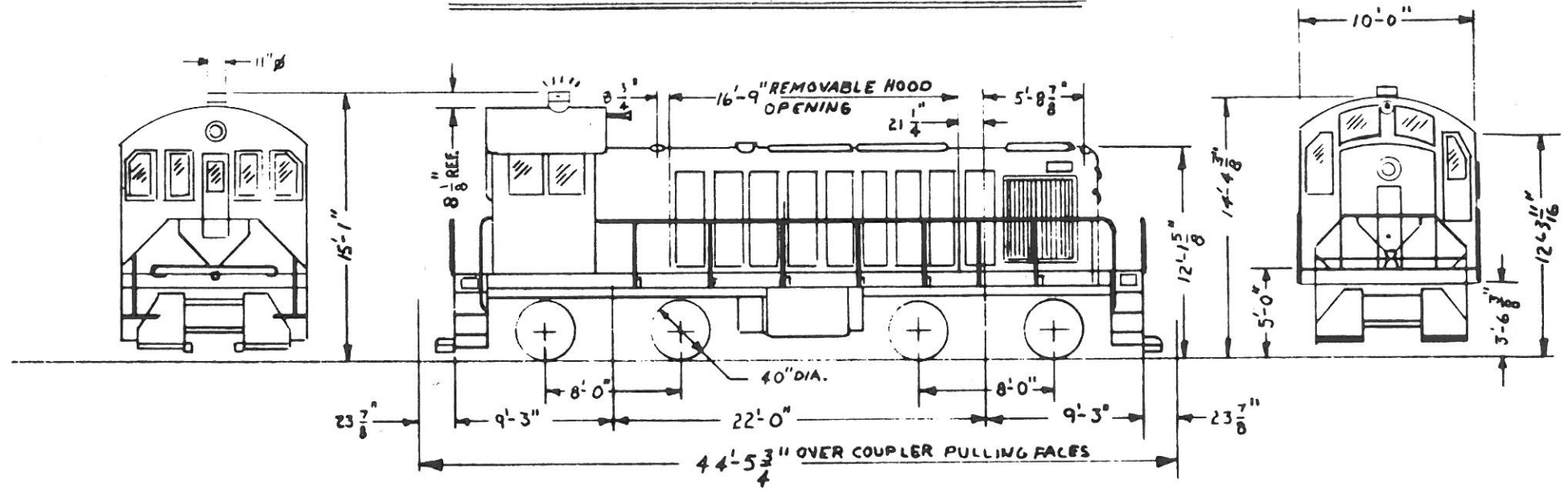
DIESEL ELECTRIC LOCOMOTIVE



LOCO'S 6 & 7 EQUIPPED WITH IMMERSION HEATERS

- GENERAL -		- CHASSIS -									
BUILDER: AMERICAN LOCOMOTIVE CO.		DRAFT GEAR: NATIONAL M-17-A									
SERIAL NO. 78402-78403		AIR BRAKES: 14EL									
YEAR BUILT: 1930		JOURNALS: 6 1/2" x 12"									
TYPE: SWITCHER											
CURVE RADIUS: MIN - 50 FT. (114°)											
MAX PERMISSIBLE SPEED - 60 MPH.											
GEAR RATIO: - 75-16		- SUPPLIES -									
MODEL: 660 H.P. SWITCHER		FUEL OIL CAPACITY: 635 GALS.									
		COOLING WATER: 220 GALS.									
		LUBRICATING OIL: 80 GALS.									
		SAND: 27 CU.FT.									
- ENGINE -		- WEIGHTS -									
TYPE: DIESEL 4 CYCLE		ON DRIVERS - LIGHT 186,000 LBS.									
MODEL - VERTICAL 6 CYLINDERS 12 1/2" x 13"		" " - LOADED 197,750 "									
RATING - 660 HP AT 740 RPM.		TOTAL - LOADED 197,750 "									
AIR COMPRESSOR: WESTINGHOUSE 3-CDC											
228 C.F.M. AT 740 R.P.M.											
ELECTRICAL		TRACTIVE EFFORT @ 25% AVE WTL @ 197,750 LBS.									
TRACTION MOTORS (4) GENERAL ELECTRIC GE 731		STARTING: 49,440 LBS.									
GENERATOR: GENERAL ELECTRIC - GT 552											
VOLTAGE: 600 NOMINAL											
BATTERIES: 32 CELL - 64 VOLTS GOULD											
TRANSITION: AUTOMATIC OR MANUAL											
CONNECTIONS: 1 SERIES											
2 SERIES - PARALLEL											
3 SERIES - PARALLEL SHUNT (REDUCED FIELD)											
		<p align="center">LOCO NO. 6 & 7</p> <p align="center">ANN ARBOR RAILROAD</p> <p align="center">MECHANICAL ENGINEERING DEPT. 11-3-64</p> <p align="center">- REVISION -</p>									
		<table border="1"> <tr> <td>1/66</td> <td>7/10</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		1/66	7/10						
1/66	7/10										

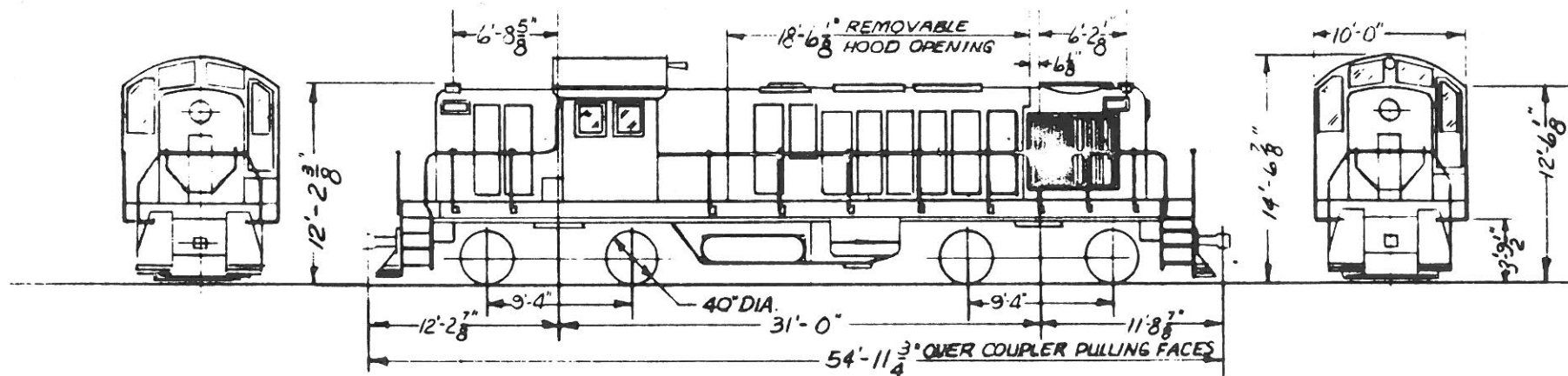
— DIESEL ELECTRIC LOCOMOTIVE —



— GENERAL —	2: SERIES - PARALLEL	
BUILDER: AMERICAN LOCOMOTIVE CO.	3: SERIES - PARALLEL SHUNT	
SERIAL NO:	— CHASSIS —	
YEAR BUILT: 1952	DRAFT GEAR: NATIONAL M-17-A	
TYPE: SWITCHER	AIR BRAKES: WESTINGHOUSE 14-EL	
MINIMUM CURVE RADIUS: 50 FT.	4 - 9" X 7" CYLINDERS	
MAXIMUM PERMISSIBLE SPEED: 60 M.P.H.	JOURNALS: 6 1/2" X 12"	
GEAR RATIO: 75-16	HORN:	
MODEL: S-3 660 H.P. SWITCHER	HEADLIGHTS: PYLE NATIONAL C-620-LCZ	
— ENGINE —	SANDERS: GRAHAM-WHITE	
TYPE: 4-CYCLE SINGLE ACTING DIESEL	WARNING LIGHT: RE. DIETZ 211A (AMBER) 24VOLT	
MODEL: VERTICAL 6 CYLINDER 12 1/2" X 13"	— SUPPLIES —	
RATING: 660 H.P. AT 740 R.P.M.	FUEL OIL: 635 GALS.	
AIR COMPRESSOR: WESTINGHOUSE 3CD	COOLING WATER: 220 GALS.	
228 CFM @ 740 R.P.M.	LUBRICATING OIL: 80 GALS.	
— ELECTRICAL —	SAND: 27 CU. FT.	
TRACTION MOTORS: (4) GENERAL ELECTRIC GE-731	— WEIGHTS —	
GENERATOR: GENERAL ELECTRIC GT-552-A	ON DRIVERS: LIGHT 105,600 LBS.	
AUX. GENERATOR & EXCITER: GENERAL ELECTRIC	LOADED 196,210 LBS.	
GMB-139-A1	TRACTIVE EFFORT: STARTING 49,050 LBS.	
VOLTAGE: 600 VOLTS D.C. (NOMINAL)	CONTINUOUS - SERIES @ 7.5 MPH. 24,700 LBS.	
BATTERIES: 32 CELL 64VOLT GOULD	" - SERIES - PARALLEL @ 15 MPH 12,900 LBS.	
TRANSITION: AUTOMATIC OR MANUAL		
CONNECTIONS: 1: SERIES		

LOCO. NO. 10
ANN ARBOR RAILROAD
 MECHANICAL ENGINEERING DEPT. 12-17-69
 — REVISIONS —

- DIESEL ELECTRIC LOCOMOTIVE -

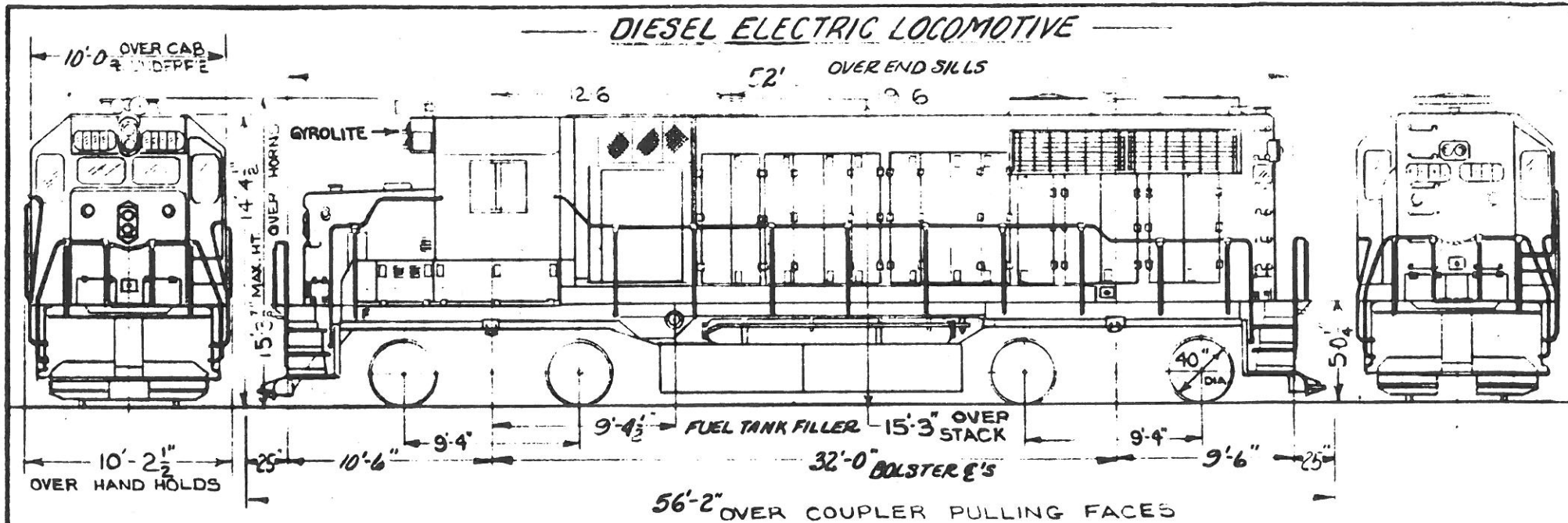


**LOCO. #21 EQUIPPED WITH CAST STEEL PILOT SNOW PLOW (LONG HOOD END)
MANUFACTURER - G.S.I. (DWG. NO. 54932-C)**

LOCO'S EQUIPPED TO MULTIPLE UNIT WITH EACH OTHER 1965

LOCO'S EQUIPPED WITH IMMERSION HEATERS

- GENERAL -	- CHASSIS -	
BUILDER: AMERICAN LOCOMOTIVE CO	DRAFT GEAR: NATIONAL M-17-A	
SERIAL NO: 78374-78375	AIR BRAKES: 14EL	
YEAR BUILT: 1950	JOURNALS: 6 1/2" x 12"	
TYPE: ROAD SWITCHER		
CURVE RADIUS MIN: 100 FT - (57°)		
MAX. PERMISSIBLE SPEED: 60 MPH		
GEAR RATIO: 75-16		
MODEL: 1000 HP ROAD SWITCHER		
	- SUPPLIES -	
	FUEL OIL CAPACITY:	1600 GALS
	COOLING WATER:	240 GALS
	LUBRICATING OIL:	80 GALS
	SAND:	27 CU. FT.
- ENGINE -		
TYPE: DIESEL - 4 CYCLE (TURBO-CHARGED)		
MODEL: VERTICAL - SERIES 539 6 CYL. 12 1/2" x 13"	- WEIGHTS -	
RATING: 1000 H.P. @ 740 RPM	ON DRIVERS - LIGHT	224,800 LBS.
AIR COMPRESSOR: 3-CDC 228 CFM @ 740 RPM	" " - LOADED	240,230 LBS.
	TOTAL " - LOADED	240,230 LBS.
- ELECTRICAL -		
TRACTION MOTORS: GENERAL ELECTRIC GE 731		
GENERATOR: GENERAL ELECTRIC GT 553-C		
VOLTAGE: 600 NOMINAL		
BATTERIES: 32 CELL - 64 VOLT - GOULD		
TRANSITION: AUTOMATIC OR MANUAL		
CONNECTIONS: 1. SERIES		
2. SERIES PARALLEL		
3. SERIES PARALLEL SHUNT (REDUCED FIELD)		
	TRACTIVE EFFORT @ 2 1/2% AVE. WT. 240,230 LBS.	
	STARTING: 69,000 LBS.	
	CONTINUOUS: @ 15 MPH 14,800 LBS.	
		LOCO. No. 20-21
		ANN ARBOR RAILROAD
		MECHANICAL ENGINEERING DEPT. 11-4-64
		- REVISION -



NOTE: FOLLOWING 385
 LOCO'S HAD ENGINE
 CONVERTED TO 392
 645 TYPE: 388 394

— GENERAL —		— CHASSIS —	
BUILDER: ELECTRIC MOTIVE DIV. G.M. CO	TRAFFIC YEAR: NATIONAL RAILROAD	DRIVE: 265 WITH "F" CONTROL VALVE	
SERIAL NO: 28991-29000 (10 UNITS) IMP 7712	AIR BRASES: 265 WITH "F" CONTROL VALVE	JOURNALS: 6" X 12" TIMKEN ROLLER BEARING	
YEAR BUILT: 1964	HORN: NATHAN - M 321, 3 CHIME	SNOW FLOW - FRONT END ONLY, REMOVABLE	
TYPE: ROAD SWITCHING			
CURVE RADIUS: SINGLE 250'-23" MULTIPLE 303'-19"			
MAX PERMISSIBLE SPEED - 71 MPH			
GEAR RATIO: 74:18			
MODEL: GP 35			
— ENGINE —		— SUPPLIES —	
TYPE: DIESEL - 2 CYCLE (TURBOCHARGED)	FUEL OIL CAPACITY: 2300 GALS	COOLING WATER: 275 GALS	
MODEL: 567D3A, 16 cyl, V*45° 8 1/2" x 10" (SEE NOTE)	LUBRICATING OIL: 243 GALS	SAND: (20 CU.FT./END) TOTAL 40 CU.FT.	
RATING: 2500 H.P. @ 900 R.P.M.			
AIR COMPRESSOR: WBO 253 C.F.M. @ 900 R.P.M.			
— ELECTRICAL —		— WEIGHTS —	
TRACTION MOTORS: GE 752 - EMD 20	ON DRIVERS - LIGHT 232,500 LBS.	" " LOADED 257,500 LBS.	
GENERATOR: EMD D-32 ALTERNATOR 80 KW	TOTAL LOADED 257,500 LBS.		
VOLTS: 600 VOLTS DC (NOMINAL)			
BATTERIES: 32 CELL - 64 VOLT EXIDE + GOLD			
TRANSITION: AUTOMATIC			
CONNECTION: SERIES-PARALLEL (MVB STEP	TRACTIVE EFFORT - @ 25% AVE. WT. 257,300 LBS.		
FIELD SHUNT) PARALLEL (SIX STEP	STARTING: 65,300 LBS.		
SHUNT)	CONTINUOUS: @ 12 M.P.H. 51,000 LBS.		
SIGNAL LIGHT: PRAIRIE SHOUTS (1 RED, 1 WHITE)			

LOCO NO. 385-394
 ANN ARBOR RAILROAD
 MOTIVE POWER DEPT. 3-27-64
 REVISION