

TABLE 6
ANNUAL OPERATING EXPENSES
YEAR 195 1

I.C.C. Acct. No.		Total Freight Expense		Total Passenger Expense		Total Yard Expense	
		Steam	Diesel	Steam	Diesel	Steam	Diesel
308	Steam Locomotive Repair	275,689.38	x x	35,284.78	x x	4,502.74	x x
311	Diesel Locomotive Repair	x x	640,864.36	x x	232,997.57	x x	148,195.42
YARD SWITCHING LOCOMOTIVES							
380	Enginemen \$ 262,447.18 Not Broken Down	x x	x x	x x	x x		x x
381	Motormen	x x	x x	x x	x x	x x	
382	Fuel	x x	x x	x x	x x	1,917.46	35,285.35
385	Water \$ 14,110.95 Not Broken Down	x x	x x	x x	x x		
386	Lubricants \$ 7,296.06 " "	x x	x x	x x	x x		
387	Other Supplies \$ 1,866.54 " "	x x	x x	x x	x x		
388	Enginehouse Expense \$ 61,923.78 " "	x x	x x	x x	x x		
TRAIN LOCOMOTIVES							
392	Enginemen	Steam & Diesel 394,604.32		x x	Steam & Diesel 232,779.72		x x
393	Motormen	x x		x x		x x	x x
394	Fuel	277,908.70	196,263.28	22,341.72	47,760.15	x x	x x
397	Water \$ 66,768.68 Not Broken Down.					x x	x x
398	Lubricants \$ 36,744.19 " "					x x	x x
399	Other Supplies \$ 10,093.71 " "					x x	x x
400	Enginehouse Expense \$ 389,363.62 " "					x x	x x
401	Trainmen	Steam and Diesel (488,790.69)		Steam and Diesel (200,317.50)			

TABLE 7

ANNUAL LOCOMOTIVE MILEAGE

YEAR 1951

STEAM LOCOMOTIVES

Item	Freight Service			Passenger Service
	Through	Local	Total	
Principal	-	-	187048	38620
Helper	-	-	127623	1257
Light	-	-	12230	
Train Switching	-	-	19660	
Work	-	-	117017	
Total			463578	39877

DIESEL LOCOMOTIVES

Item	Freight Service			Passenger Service
	Through	Local	Total	
Principal	-	-	409651	216982
Helper	-	-	383742	51246
Light	-	-	25757	153
Train Switching	-	-	301076	
Work	-	-	12317	
Total			11,32543	268381

If mileage by locomotive classes is available, furnish for principal classes.

Product Application Section
 Electro-Motive Division
 General Motors Corporation
 La Grange, Illinois

INFORMATION TO BE FILLED IN AND FURNISHED BY RAILROAD
FOR
PREPARATION OF DIESEL APPLICATION REPORT

Mechanical Department:

1. Furnish locomotive specification booklet including light weight of Steam locomotives and tenders, tractive effort and year built:

Attachment - Photostatic copies

2. Furnish copy of locomotive speed draw-bar pull curves, if available.

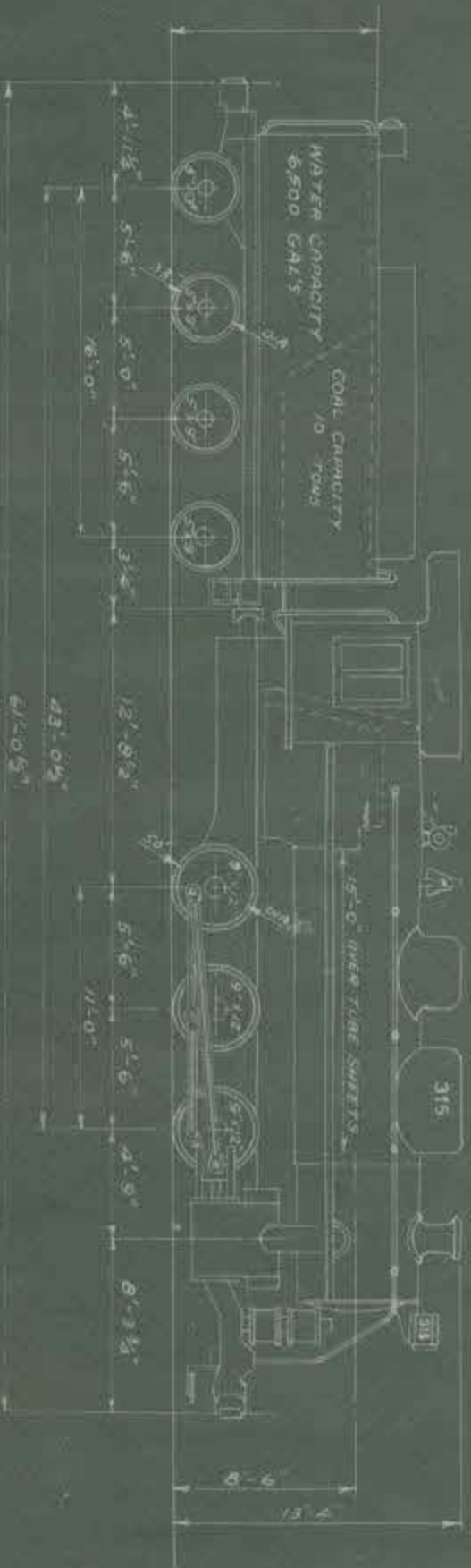
Information not available.

3. Furnish Steam and Diesel locomotive annual repair expense by classes for each of the past five years with corresponding locomotive mileage for each year.

Attachments.

4. Furnish maximum number and description of locomotives used in freight, passenger and switching services during test year segregated between Steam and Diesel types (Use Table #5.)

See Table 5.

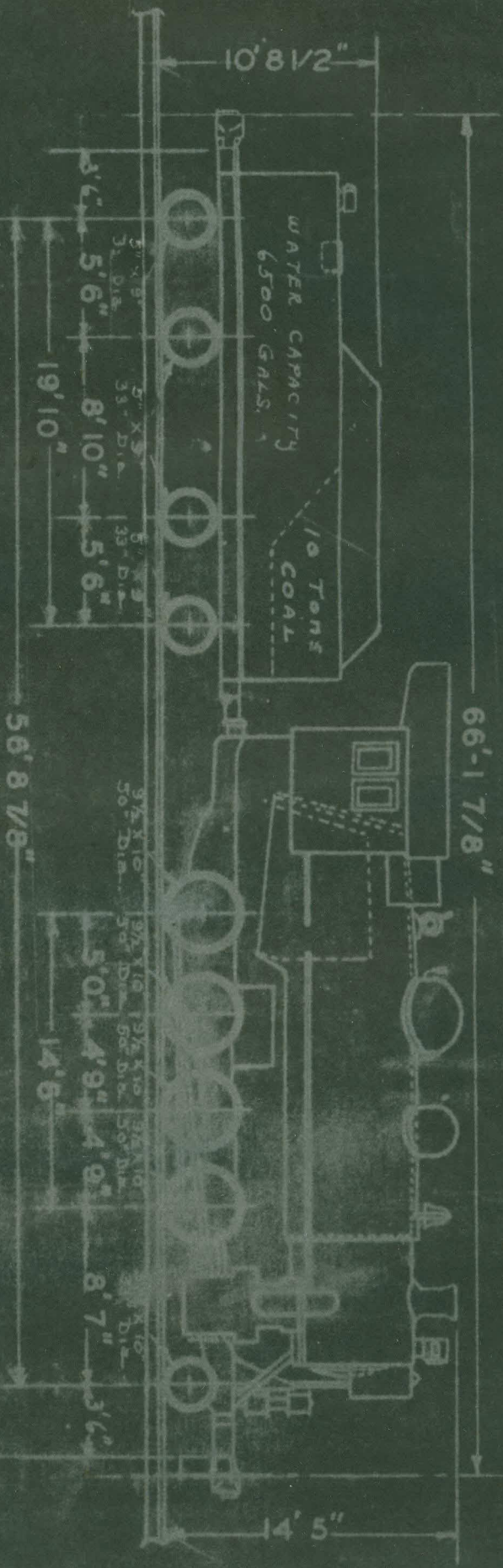


BUILT BY LIMA LOCO WORKS 1943 & 1944
 PURCH. FROM U.S. ARMY SURPLUS PROP
 PLACED IN SERVICE 1947
 TYPE: 0-6-0
 WEIGHT ON DRIVERS W.O. 157,300 LBS
 WEIGHT OF TENDER LOADED 108,560 LBS
 TOTAL WT. ENGINE & TENDER LOADED 265,860 LBS
 CYLINDERS 21' X 25"
 DIA OF DRIVERS 50"
 DRIVING WHEEL BASE 11'-0"
 TRACTIVE POWER 40000

STEAM PRESSURE 190 LBS
 BOILER DIAMETER 67"
 FIREBOX LENGTH 72' 1/2"
 FIREBOX WIDTH 66' 1/2"
 TUBES & FLUES 291 - (21' X 15'-0")
 HEATING SURFACE 2273 SQ. FT.
 FIREBOX 122 SQ. FT.
 ARCH TUBES 13 SQ. FT.
 GRATE AREA 2408 SQ. FT.
 TOTAL 331 SQ. FT.

TENDER TYPE 2 - (4-WHEEL TRUCKS)
 FUEL: Nº 310 TO 311 Nº 315 TO 320 COAL
 Nº 312 TO 314 OIL
 TENDER COAL CAPACITY 10 TONS
 TENDER OIL CAPACITY Nº 312, 313, 314 1,000 G.
 TENDER WATER CAPACITY Nº 317 & Nº 319 6,000 GAL.
 TENDER COAL CAPACITY 12 TONS
 TENDER WATER CAPACITY 8,000 GALS

400 CLASS
CONSOLIDATION TYPE



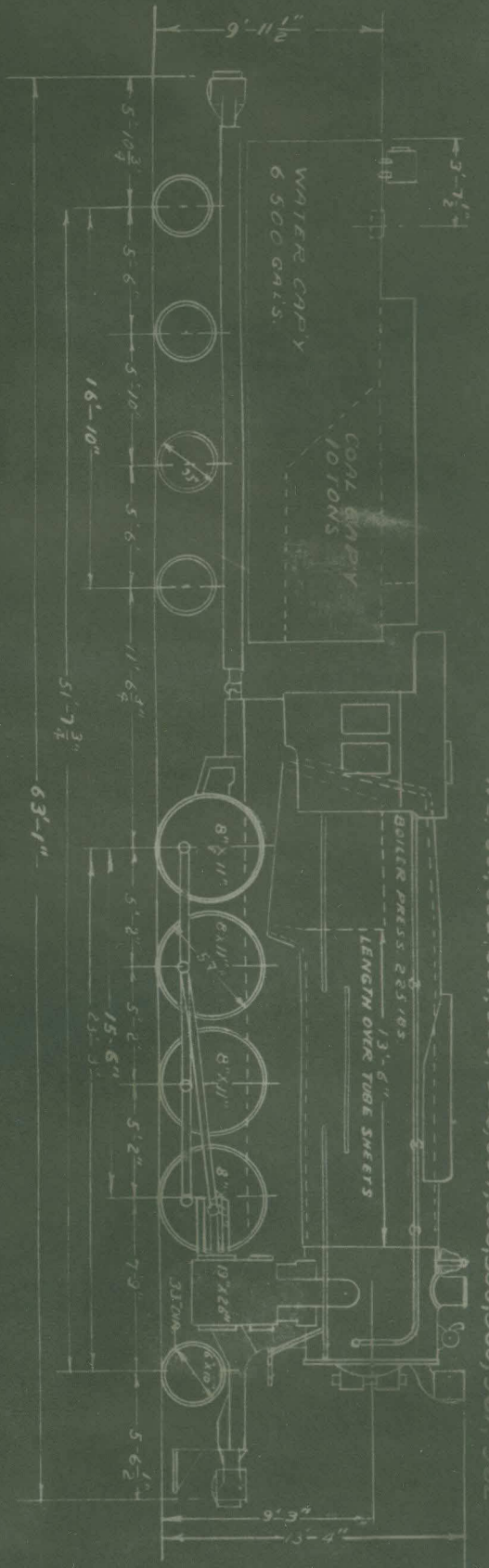
BUILT BY _____ LIMA LOCOMOTIVE WORKS
 DATE BUILT _____ 1942
 PURCHASED FROM _____ 1 & 2-LIMA; 3,4586 W.S.
 PLACED IN SERVICE _____ 1947
 TOTAL WT. OF ENG. & TENDER _____ 304,700 LBS.
 TOTAL WT. OF ENG. _____ 180,000 LBS.
 TOTAL WT. OF TENDER _____ 124,700 LBS.
 WT. ON DRIVERS _____ 160,500 LBS.
 WT. ON FRONT TRUCK _____ 19,500 LBS.
 NUMBER OF BOILER TUBES _____ 173
 CYLINDERS _____ 21 X 26"
 TRACTIVE FORCE-LBS. (95 X 8 P) 3,7100 LBS.
 BOILER PRESSURE LBS. _____ 210 LBS.

SUPERHEATER _____
 AIR PUMP _____
 STORAGE _____

BLESCOT TRUCK _____
 ONE & TWO WHEELS _____
 NONE

LOW WATER ALARM _____ NONE
 BRICK ARCH _____ AMERICAN SECURITY
 ENG 403 - OIL-1800 GAL.S,

No. 551, 552, 554, 555, 556, 557, 558, 559, 560, 561, 562

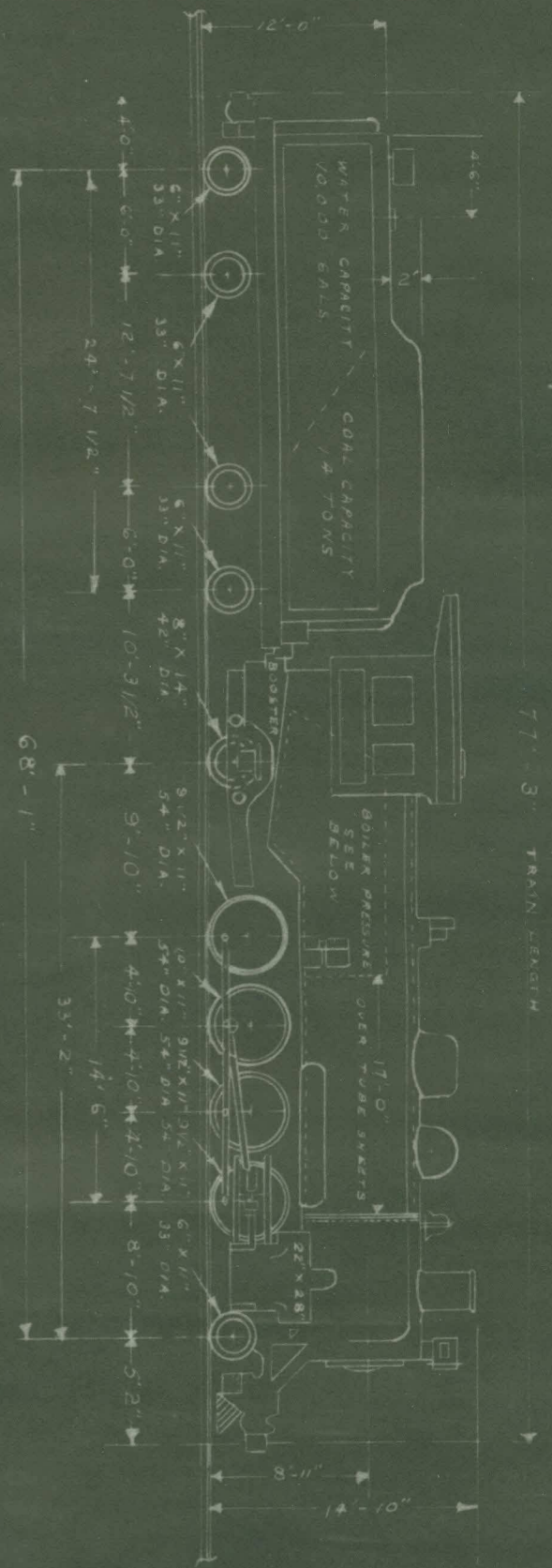


BUILT BY - BALDWIN LOCO. WORKS
 YEAR BUILT - 1943
 TYPE - CONSOLIDATION
 WEIGHT ON DRIVERS - WORKING ORDER - 191,000 LBS.
 WEIGHT ON FRONT TRUCK - WORKING ORDER - 21,500 LBS.
 WEIGHT ON BACK TRUCK - WORKING ORDER - NONE
 TOTAL WEIGHT OF ENG. WORKING ORDER - 162,500 LBS.
 TOTAL WEIGHT OF TENDER LOADED - 126,450 LBS.
 TOTAL WEIGHT OF ENG. & TENDER LOADED - 288,950 LBS.
 CYLINDERS - 19" X 26"
 DIA. OF DRIVERS - 57"
 TRACTIVE POWER (65% BOILER PRESS.) 31,500 LBS.
 FACTOR OF ADHESION - 4.4
 MAXIMUM WIDTH OVERALL 8' 11 1/2"
 FUEL BITUMINOUS COAL
 BRICKARCH - AMERICAN SECURITY

BOILER PRESSURE - 225 LBS.
 LENGTH OF FIREBOX INSIDE - 84' 6"
 WIDTH OF FIREBOX INSIDE - 70"
 GRATE AREA - 41.09 SQ. FT.
 SIZE OF BOILER TUBES - 2" X 13' 6"
 NUMBER OF BOILER TUBES - 150
 SIZE OF SUPERHEATER TUBES - 3" X 13' 6"
 NUMBER OF SUPER HEATER TUBES - 30
 TOTAL HEATING SURFACE - 1773 SQ. FT.
 SUPERHEATER - 480 SQ. FT.
 SUPERHEATER - ELESTO - TYPE N
 STORAGE - NONE
 LOW WATER ALARM - NONE
 VALVE GEAR - WALSCHAERT
 POWER REVERSE GEAR - BALDWIN
 AIR PUMP - ONE 9 1/2" WESTINGHOUSE
 AIR PUMP - ONE 11" WESTINGHOUSE (557 ONLY)

DEPARTMENT OF THE INTERIOR
 THE ALASKA RAILROAD
 OFFICE OF SPT. M. P. & E.
 ANCHORAGE, ALASKA

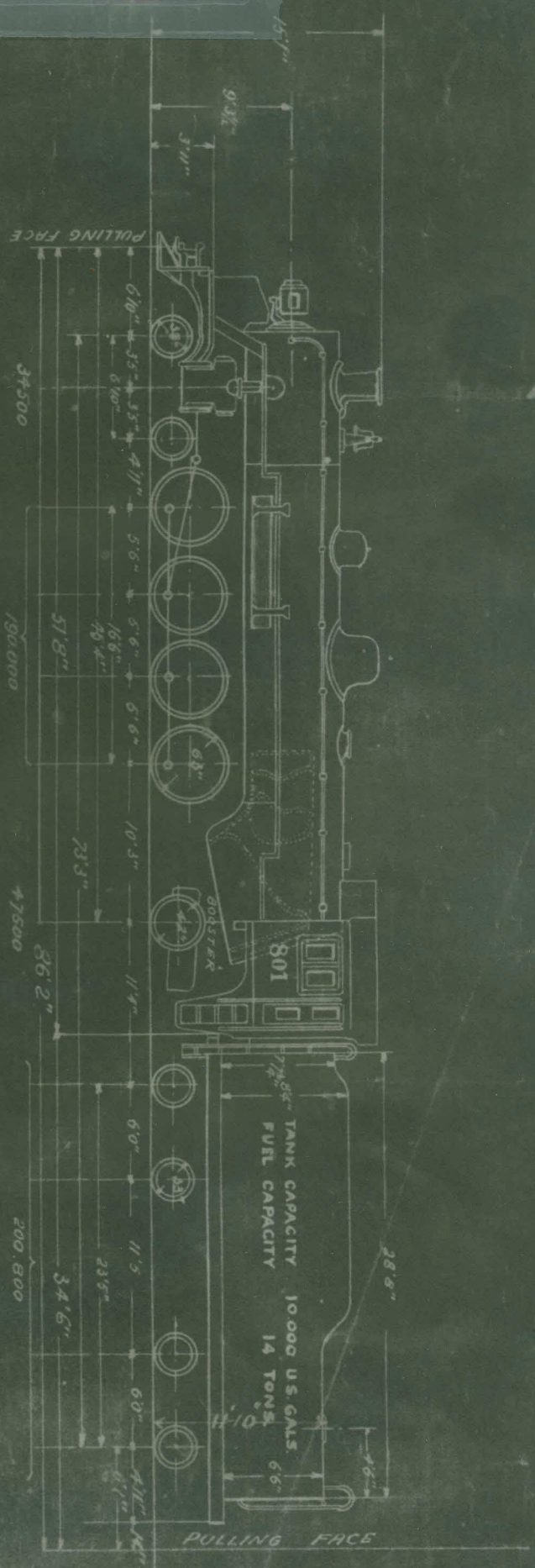
NO. 701, 702, 703
MIKADO TYPE



BUILT BY - BALDWIN LOCO. WKS.	701-702	703	NO.	NO.	LENGTH OF FIREBOX INSIDE	115 1/8"
DATE BUILT	1927	1928	NEW	NEW	WIDTH OF FIREBOX INSIDE	72 1/4"
PURCHASED FROM - B.L.WORKS	1927	1928	NEW	NEW	GRATE AREA	57.7 SQ. FT.
PLACED IN SERVICE	1927	1928	NEW	NEW	SIZE OF BOILER TUBES	2" X 17'-0"
TOTAL WT. OF ENG. & TENDER	441680	441400	NEW	NEW	SIZE OF SUPERHEATER FLUES	5 3/8" X 17'-0"
TOTAL WT. OF ENG.	244400	244120	NEW	NEW	NO. OF SUPERHEATER FLUES	32
TOTAL WT. OF TENDER	197280	197280	NEW	NEW	TOTAL HEATING SURFACE	2718 SQ. FT.
WT. ON DRIVERS	172360	175680	NEW	NEW	SUPERHEATER	621 SQ. FT.
WT. ON FRONT TRUCK	23130	23130	NEW	NEW	VALVE GEAR	BAKER
WT. ON BACK TRUCK	45310	45310	NEW	NEW	POWER REVERSE GEAR	BALDWIN
CYLINDERS	22 X 28	22 X 28	NEW	NEW	ARCH TUBES	4
TRACT. POWER - LBS. (85% B.P.)	42600	44800	NEW	NEW	FACTOR OF ADHESION	5.44
BOILER PRESSURE LBS.	200	210	NEW	NEW	MAXIMUM WIDTH OVERALL	10'-5"
NUMBER OF BOILER TUBES	192	193	NEW	NEW		

SUPERHEATER _____
 AIR PUMP _____
 STOKER _____
 LOW WATER ALARM _____
 BRICK ARCH _____

SCHMIDT TYPE "A"
 ONE 8 1/2" CROSS COMPOUND
 SIMPLEX TYPE "B-K"
 BARCO TYPE "F-3A"
 AMERICAN SECURITY



No. of Locomotives in Service 1
 Locomotive 801.

Baker, Baldwin Loc. Co.

Year Built 1932

Max. horsepower 4,820

Cylinders 2x30"

Diameter of driver 51.65"

Weight on drivers 190,000 lbs.

Weight on tender 82,000 lbs.

Total weight of engine 272,000 lbs.

Height of boiler (loaded) 20.500 ft.

Total weight engine & tender (loaded) 472,000 lbs.

Tractive power of engine 43,100 lb. (60% working pressure)

Value Baker 1800

Value Reverse Gear BARCO

Driving wheel base 16'6"

Total wheel base engine tender 73'3"

Driving journal main 10 1/2" others 9 1/4" "

Maximum width engine & tender 10'5"

Size of tender axles 6x11"

" " front engine truck axles 6x11"

" " rear " " 8x14"

Total truss length (tender & pilot cowcatcher) 86'2"

Boiler working pressure 280 lbs.

Heating surface equivalent 47,800 sq. feet

Combustion chamber surface 64'8.5"

Fire box surface 184'59.5"

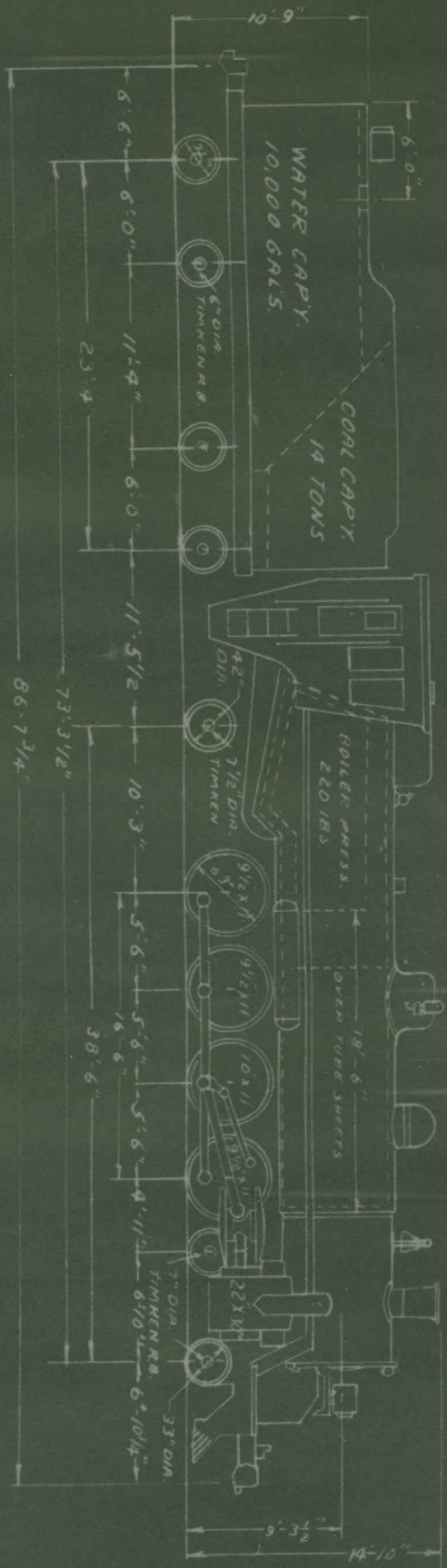
Tubes surface 7850' Flues 1870' total 2967' sq. feet.

Fire box length 115'8" width 78"
 Length of combustion chamber 40"
 No. of thermic syphons 3
 No. of 2" tubes 192
 No. of 5 1/2" tubes 32
 Length over tubes sheet 18'6"

Type of superheater. SCHMIDT "A"
 " " low water alarm CLEVELAND
 " " steam R. SYDNEY B-X
 " " mechanical lubricators "NATHAN"
 " " heavy lubricators "CHICAGO
 Make & type of injectors: 2 EDWA TYPE M. N-10

CORRECT

No. 802

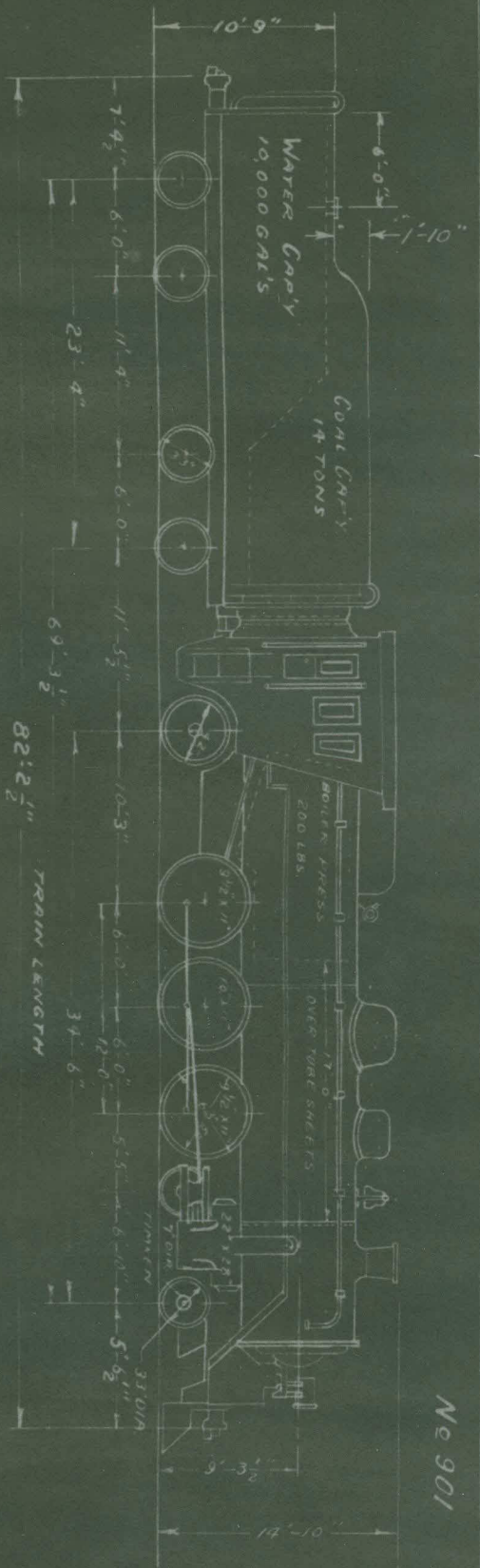


BUILT BY - BALDWIN LOCOM. WORKS
 YEAR BUILT - 1942
 TYPE - MOUNTAIN
 WEIGHT ON DRIVERS, WORKING ORDER - 190,850 IBS.
 WEIGHT ON FRONT TRUCK, WORKING ORDER - 43,700 IBS.
 WEIGHT ON BACK TRUCK, WORKING ORDER - 38,750 IBS.
 TOTAL WEIGHT OF ENGINE, WORKING ORDER, 273,300 IBS.
 TOTAL WEIGHT OF TENDER LOADED - 200,300 IBS.
 TOTAL WEIGHT OF ENGINE & TENDER LOADED - 473,600 IBS.
 CYLINDERS - 2 2" X 30"
 TRACTIVE POWER (85% BOILER PRESS.) 43,100 IBS.
 FACTOR OF ADHESION - 4.4
 MAXIMUM WIDTH OVERALL - 10' 10"
 FUEL - BITUMINOUS COAL
 BRICK ARCH - AMERICAN SECURITY
 THERMIC SYPHONS - 2

BOILER PRESS - 220 IBS.
 LENGTH OF FIREBOX INSIDE - 115 1/8"
 WIDTH OF FIREBOX INSIDE - 78 1/8"
 GRATE AREA - 62.5 SQ. FT.
 SIZE OF BOILER TUBES - 2" X 18' 6"
 NUMBER OF BOILER TUBES - 181
 SIZE OF SUPERHEATER FLUES - 5 7/8" X 18' 6"
 NUMBER OF SUPERHEATER FLUES - 32
 TOTAL HEATING SURFACE - 2870 SQ. FT.
 SUPERHEATER - 705 SQ. FT.
 SUPERHEATER - TYPE "A"
 STOKER - SIMPLEX TYPE "B.K."
 LOW WATER ALARM - BARCO TYPE F.3H
 VALVE GEAR - BAKER
 POWER REVERSE GEAR - FRANKLIN TYPE "E"
 AIR PUMP - 8 1/2" CROSS COMPOUND.

DEPARTMENT OF THE INTERIOR
 THE ALASKA RAILROAD
 OFFICE OF Supt. M. P. & E. ANCHORAGE, ALASKA

WORKS 9-27-45



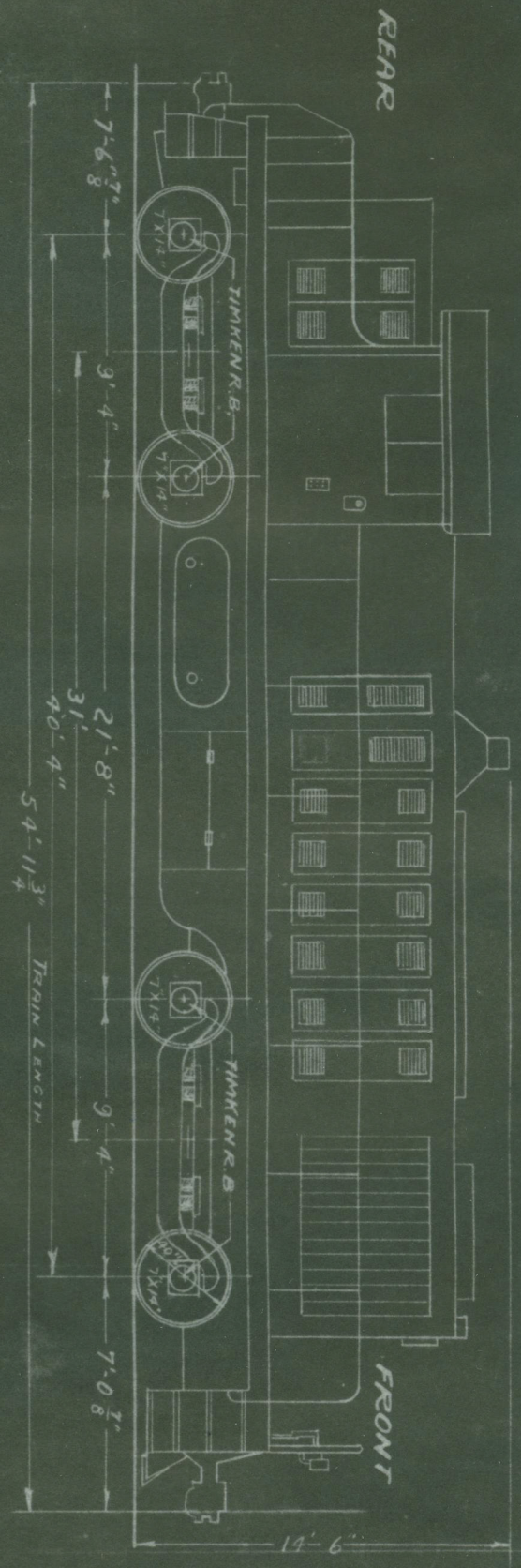
No 901

Built By - Baldwin Loco. Works
 Year Built - 1941
 Type - Pacific
 Weight on Drivers Working Order - 156,200 lbs
 Weight on Front Truck Working Order - 52,200 lbs
 Weight on Back Truck Working Order - 40,600 lbs
 Total Weight of Eng. Working Order - 249,000 lbs
 Total Weight of Tender Loaded - 197,500 lbs
 Total Weight of Eng. & Tender Loaded 446,500 lbs.
 Cylinders - 22" x 28"
 Dia of Drivers 63"
 Tractive Power (85% boiler press.) 36,500 lbs
 Factor of Adhesion 4.21
 Maximum Width Overall - 10'-10"
 Fuel - Bituminous Coal
 Brick Arch - American Security.
 Thermic Syphons - 2

Boiler Pressure - 200 lbs
 Length of Firebox Inside - 115 8/8"
 Width of Firebox Inside - 78 1/4"
 Grate Area - 62.5 sq. ft.
 Size of Boiler Tubes - 2" x 17'-0"
 Number of Boiler Tubes - 181
 Size of Superheater Tubes - 5 3/8" x 17'-0"
 Number of Superheater Tubes - 32
 Total Heating Surface - 2660 sq. ft.
 Superheater - 646 sq. ft.
 Superheater - Flesco Type "A"
 Stoker - Simplex Type "BK"
 Low Water Alarm - Barco Type "3A"
 Valve Gear - Baker
 Power Reverse Gear - Franklin Type "E"
 Air Pump - One 8 1/2" Cross Compound

DEPARTMENT OF THE INTERIOR
 THE ALASKA RAILROAD
 OFFICE OF SUPT. M. P. & E.
 ANCHORAGE, ALASKA

No. 1000 & 1001

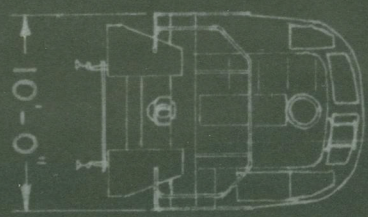
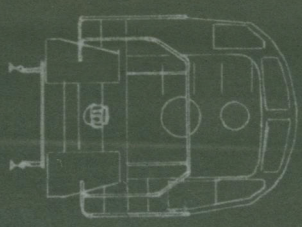
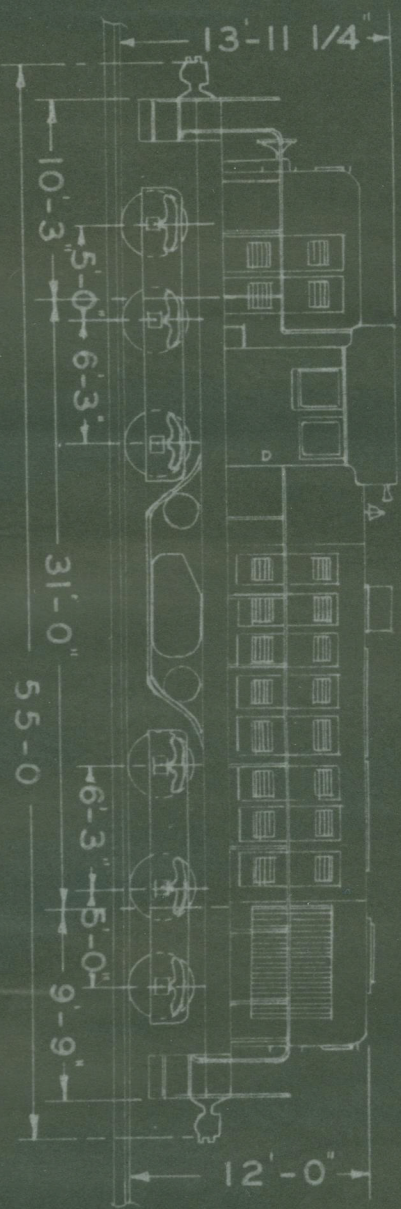
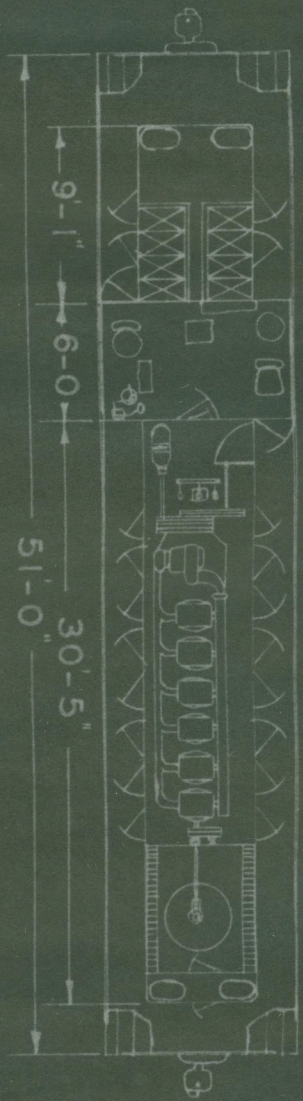


BUILT BY AMERICAN LOCO. CO. 1944
 TYPE DIESEL ELECTRIC 1000 H.P.
 NOMINAL RUNNING SPEED - 740 R.P.M.
 IDLING SPEED - 270 R.P.M.
 WEIGHT IN WORKING ORDER - 244,000 LBS.
 CYLINDERS - NUMBER SIX
 DIA. DRIVERS - 40"
 TRACTIVE POWER - STARTING 72,000 IBS.
 TRACTIVE POWER - 10 M.P.H. 30,000 IBS.
 TRACTIVE POWER - 30 M.P.H. 10,750 IBS.
 MAXIMUM WIDTH OVERALL - 10'-0"
 FUEL - STANDARD DIESEL
 FUEL OIL TANK - 800 GAL. CAPY.
 LUBRICATING OIL 80 GAL. CAPY.
 ENGINE COOLING SYSTEM - 240 GAL. CAPY.
 SAND - 27 CU. FT.

BOILER WATER TANK - 800 GAL. CAPY.
 WHEELS - STEEL TIRED
 JOURNAL BEARINGS - TIMKEN
 BRAKE CYLINDERS - 8 (4 9" X 8" EACH TRUCK)
 AIR BRAKE SCHEDULE - EL-14
 2-250 H.P. MOTORS EACH TRUCK.
 AIR COMPRESSOR - 2 STAGE - 228 CU. FT. PER MIN.
 MAXIMUM AT FULL ENG. SPEED, 83 CU. FT. PER MIN. AT
 ENG. IDLING SPEED.
 HEATER - VAPOR CAR HEATING CO. TYPE CFM-4160-2B
 CAPY - 1600 LBS. PER HOUR.

DEPARTMENT OF THE INTERIOR
THE ALASKA RAILROAD
 OFFICE OF SUPPLY & E.
 ANCHORAGE, ALASKA

1010 CLASS

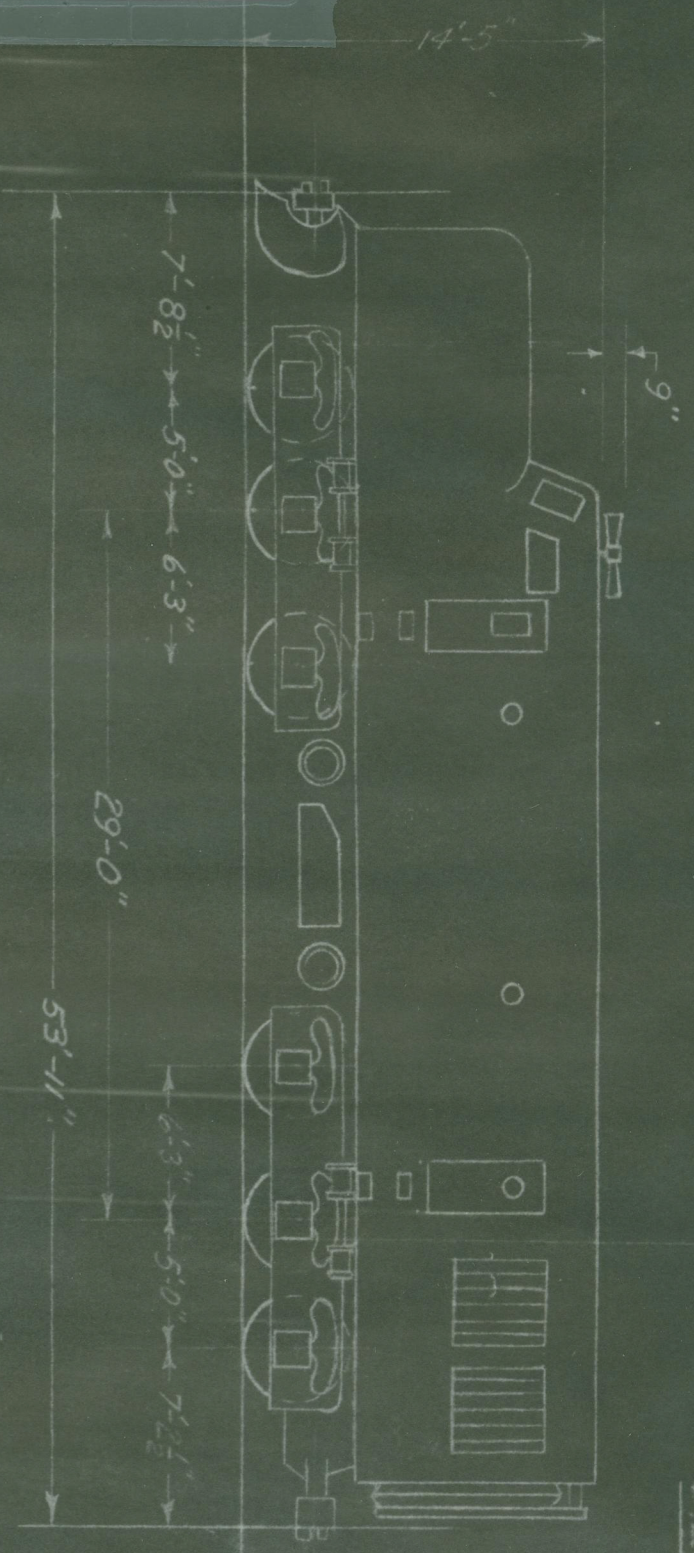


BUILT BY
 REBUILT BY
 PURCHASED FROM
 PLACED IN SERVICE
 WHEEL DIA. IN.
 TRUCKS
 JOURNALS
 BATTERIES
 NOMINAL RUN. SPEED
 IDLING SPEED
 CYLINDERS
 WEIGHTS - LIGHT
 WORKING ORDER
 ON DRIVERS
 TRUCK COMPLETE
 CONSTRUCTION
 AIRBRAKE SCHEDULE
 GEAR RATIO

ALCO. G. E. 1942 & 43
 WAR SURPLUS
 1947 - 48-49 & 50
 40
 GENERAL STEEL CAST.
 FRICTION 7 X 14
 8 EXIDE 64 V. SYSTEM
 740 R.P.M.
 270 R.P.M.
 6 - 12 1/2 X 13
 250000
 266700
 266700
 53250
 WELDED STEEL
 EL-14
 16:75

SUPPLIES: TOTAL CAPACITY.
 LUBRICATING OIL GALS. 80
 FUEL OIL GALS. 1600
 ENGINE COOLING WATER GALS. 240
 SAND CU. FT. 27
 CONTINUOUS RATING T.F. LBS. 28000
 CONTINUOUS RATING SPEED MPH 10
 MAXIMUM SAFE SPEED MPH 60
 STARTING TRACTIVE FORCE AT 30%
 ADHESION LBS. 75000
 MAXIMUM OVER-ALL DIMINIONS
 WIDTH FT. - IN. 10-0
 HEIGHT FT. - IN. 13-11 1/4
 TRAIN LENGTH FT. - IN. 55-0
 WHEEL BASE - TRUCK FT. - IN. 11-3
 LOCOMOTIVE TOTAL FT. - IN. 39-0
 MAXIMUM CURVATURE DEGREES 25

DIESEL 1050

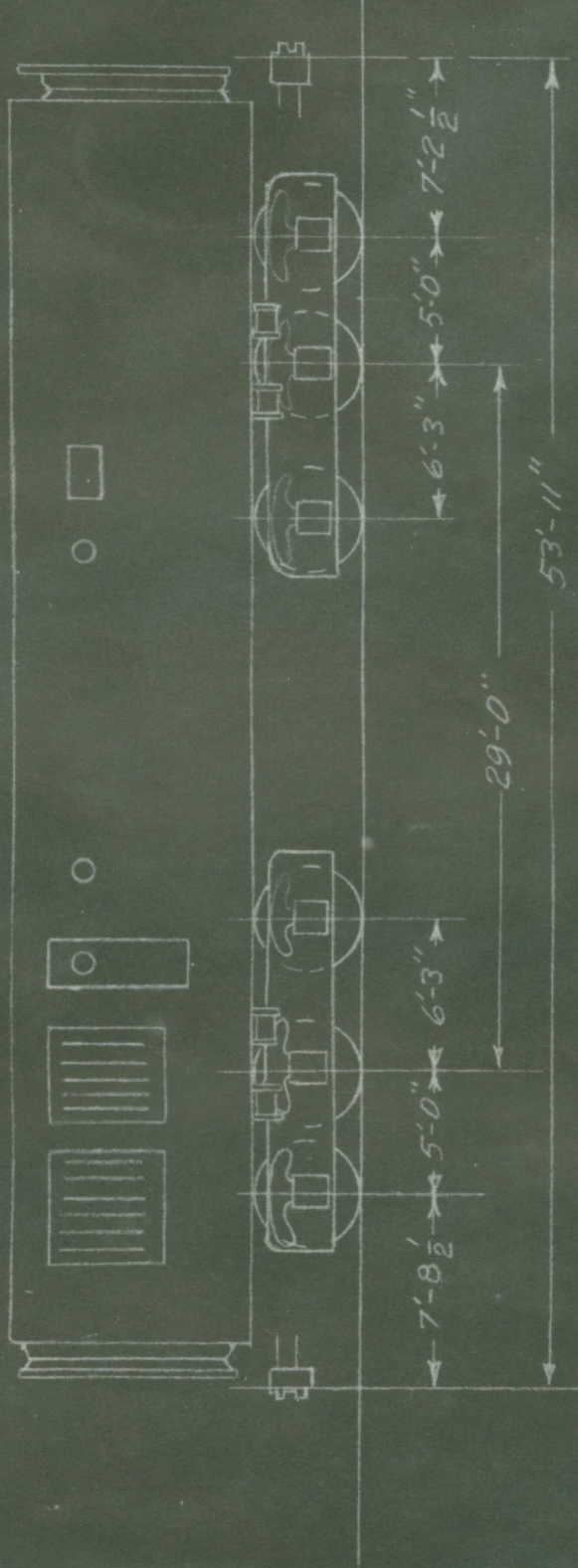


BUILT BY: AMERICAN LOCOMOTIVE CO 1943
 TYPE: DIESEL ELECTRIC, 1000 HP, 0-6-6-0
 NOMINAL RUNNING SPEED: 740 RPM
 TRACTIVE EFFORT - 30% ADH AT 10 MPH 75,000 LBS.
 CURVE RADIUS (MAX) 28,000 LBS.
 MAXIMUM SPEED 25 DEG. 60 MPH
 TRACTION: RUNNING GEAR, 2-SIX WHEEL
 SWIVEL, EQUALIZED, RIGID BOLSTER,
 BAR FRAME, PEDESTAL TRUCKS
 DRIVING WHEELS: 12
 DIAMETER 40"
 TREAD & FLANGE CONTOUR, AAR STD.
 TIRES 2 1/2" THICK RIM
 JOURNAL 7" x 14" FRICTION
 MOTOR GEAR RATIO 75 TO 16

WEIGHT & CAPACITIES:
 LIGHT 266,000 LBS
 LOADED 282,700 LBS
 WT PER DRIVING AXLE 47,100 LBS
 FUEL TANK (OIL) 1600 GAL.
 COOLING WATER 240 GAL.
 LUBRICATING OIL 80 GAL.
 SAND 24 CU. FT.

DIMENSIONS:
 TRAIN LENGTH 53'-11"
 TRUCK WHEEL BASE 11'-3"
 TRUCK CENTER TO CENTER 29'-0"
 WIDTH 10'-0"
 HEIGHT 15'-2"

DIESEL 1051

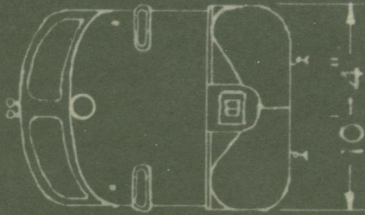
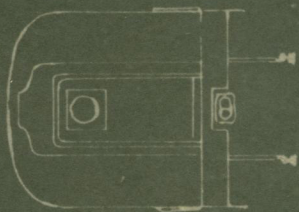
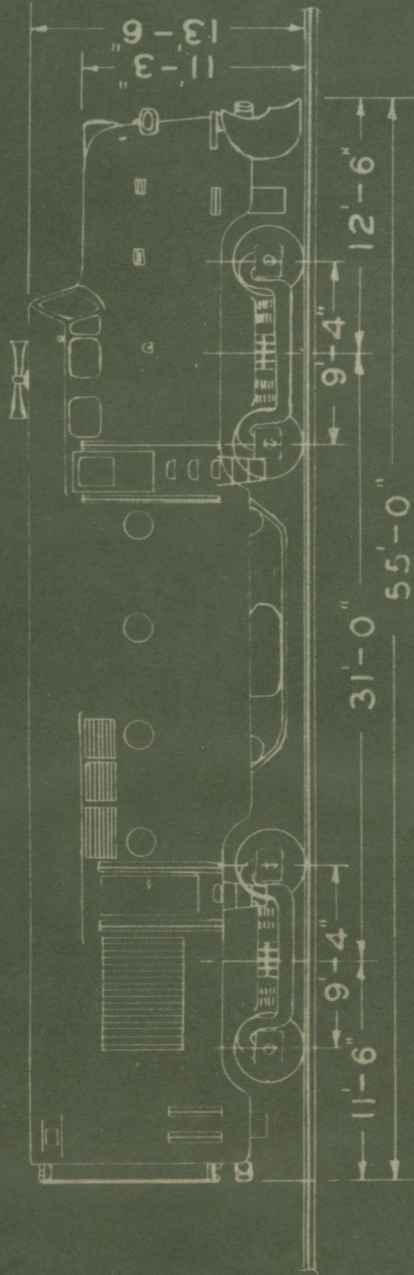
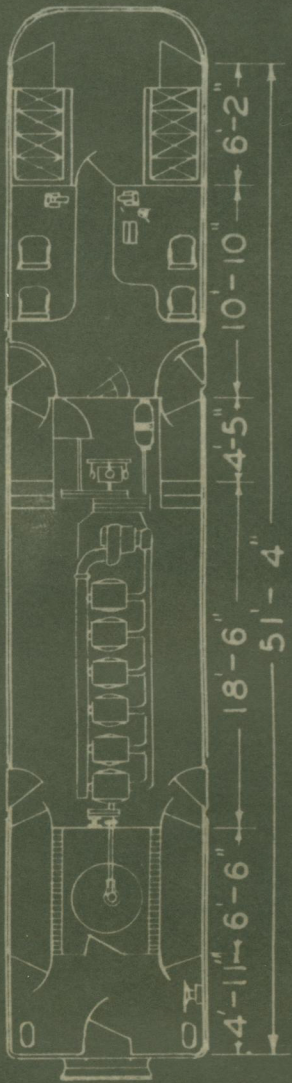


BUILT BY: AMERICAN LOCOMOTIVE CO 1943
 TYPE: DIESEL ELECTRIC, 1000 HP, 0-6-6-0
 NOMINAL RUNNING SPEED: 740 RPM
 TRACTIVE EFFORT - 30% ADH
 AT 10 MPH
 CURVE RADIUS (MAX)
 MAXIMUM SPEED
 TRACTION: RUNNING GEAR, 2 - SIX WHEEL
 SWIVEL, EQUALIZED, RIGID BOLSTER,
 BAR FRAME, PEDESTAL TRUCKS
 DRIVING WHEELS:
 DIAMETER 40"
 TREAD & FLANGE CONTOUR AAR STD.
 TIRES 2 1/2" THICK RIM
 JOURNAL 7" X 14" FRICTION
 MOTOR GEAR RATIO 75 TO 16
 HEATER: VAPOR CAR HEATING CO.
 3000 LB/HR NO. DK-74-9530A

WEIGHT & CAPACITIES:
 LIGHT 274,000 LBS
 LOADED 311,200 LBS
 WT PER DRIVING AXLE 51,900 LB
 FUEL TANK (OIL) 1600 GAL
 COOLING WATER 240 GAL
 LUBRICATING OIL 80 GAL
 SAND 24 CU.F.
 HEATING SYSTEM WATER 2460 GAL.

DIMENSIONS:
 TRAIN LENGTH 53'-11"
 TRUCK WHEEL BASE 11'-3"
 TRUCK CENTER WIDTH 29'-0"
 HEIGHT 10'-0"

NOS. 1070-2-4&6

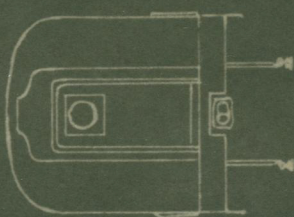
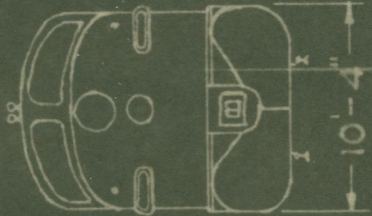
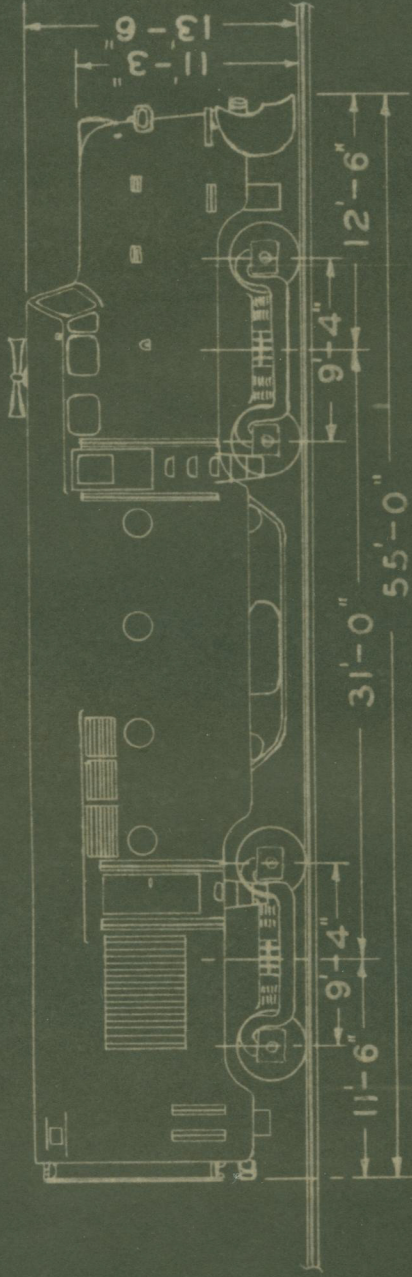
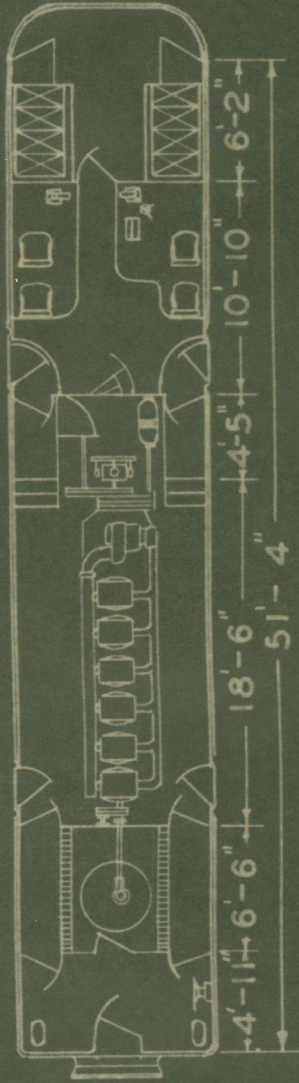


BUILT BY
 REBUILT BY
 PURCHASED FROM
 PLACED IN SERVICE
 WHEEL DIA.
 TRUCKS
 JOURNALS
 BATTERIES
 NOMINAL RUN. SPEED
 IDLING SPEED
 CYLINDERS
 WEIGHTS -LIGHT
 WORKING ORDER
 ON DRIVERS
 TRUCK COMPLETE
 CONSTRUCTION
 AIR BRAKE SCHEDULE
 GEAR RATIO

ALCO GE 1942 & 43
 P.S.B. & D. 1949 & 50
 WAR SURPLUS
 1950
 40"
 GENERAL STEEL CAST.
 TIMKEN 7 X 14"
 8 EXIDE 64 V. SYS.
 740 R.P.M.
 270 R.P.M.
 6
 237900
 253700 LBS.
 253700 LBS.
 37900
 WELDED STEEL
 EL-14
 16 : 75

SUPPLIES: TOTAL CAPACITY
 LUBRICATING OIL GALS.
 FUEL OIL GALS.
 ENGINE COOLING WATER GALS.
 SAND CU. FT.
 CONTINUOUS RATING T.F. LBS
 CONTINUOUS RATING SPEED M.P.H.
 MAXIMUM SAFE SPEED M.P.H.
 STARTING TRACTIVE FORCE AT 30%
 ADHESION LBS.
 MAXIMUM OVER-ALL DIMENSIONS
 WIDTH FT. IN.
 HEIGHT FT. IN.
 TRAIN LENGTH FT. IN.
 WHEEL BASE - TRUCK FT. IN.
 LOCOMOTIVE TOTAL FT. IN.
 MAXIMUM CURVATURE DEGREES

80
 1600
 240
 24
 30000
 10
 60
 72000
 10-4
 14-5
 55-0
 9-4
 40-4
 16

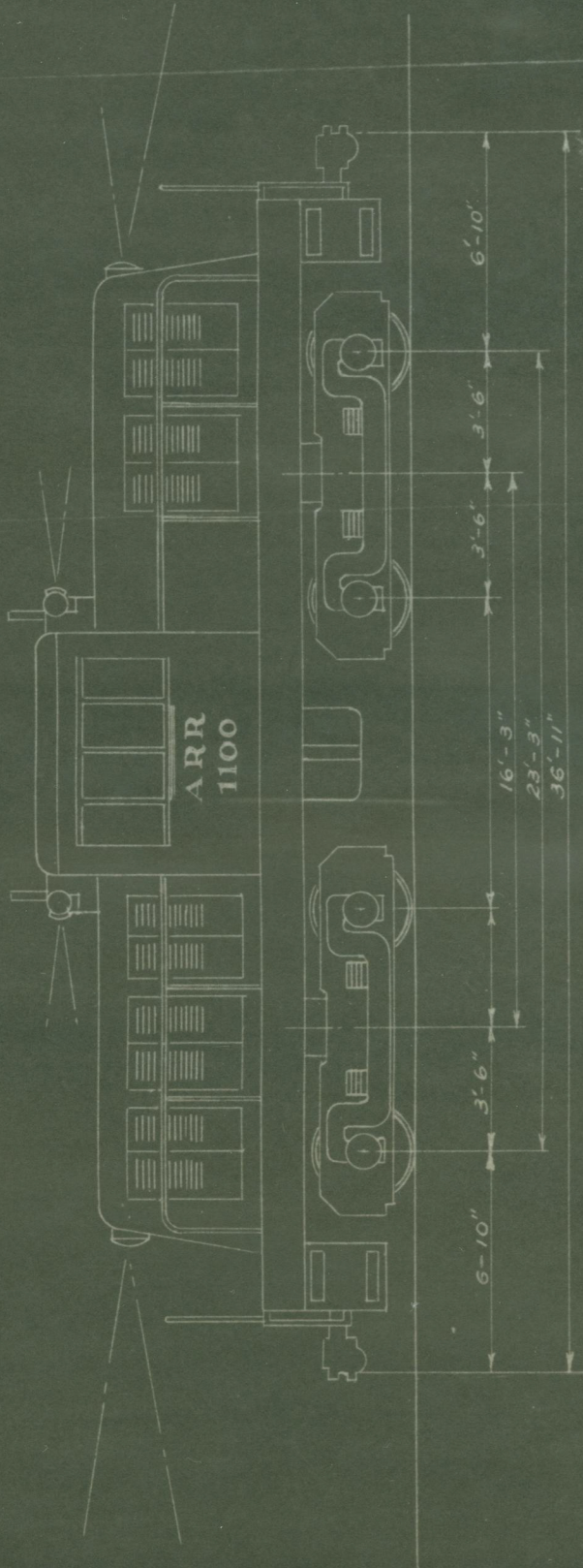


BUILT BY
 REBUILT FROM
 PURCHASED IN SERVICE
 PLACED IN SERVICE
 WHEEL DIA.
 TRUCKS
 JOURNALS
 BATTERIES
 NOMINAL RUN. SPEED
 IDLING SPEED
 CYLINDERS
 WEIGHTS - LIGHT
 WORKING ORDER
 ON DRIVERS
 TRUCK COMPLETE
 CONSTRUCTION
 AIR BRAKE SCHEDULE
 GEAR RATIO

ALCO GE 1943
 P.S.B. & D. 1949
 WAR SURPLUS
 1950
 40
 GENERAL STEEL CAST.
 TIMKEN 7X14
 8 EXIDE 64 V. SYSTEM
 740 R.P.M.
 270 R.P.M.
 6
 237900
 253700 LBS.
 253700 LBS.
 37900
 WELDED STEEL
 EL-14
 16:75

SUPPLIES: TOTAL CAPACITY
 LUBRICATING OIL GALS.
 FUEL OIL GALS.
 ENGINE COOLING WATER GALS.
 SAND CU. FT.
 CONTINUOUS RATING T.F. LBS
 CONTINUOUS RATING SPEED M.P.H.
 MAXIMUM SAFE SPEED M.P.H.
 STARTING TRACTIVE FORCE AT 30%
 ADHESION LBS.
 MAXIMUM OVER-ALL DIMENSIONS
 WIDTH FT. IN.
 HEIGHT FT. IN.
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 WHEEL BASE - TRUCK FT. IN.
 LOCOMOTIVE TOTAL FT. IN.
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80
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 72000
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 14-5
 55-0
 9-4
 40-4
 16



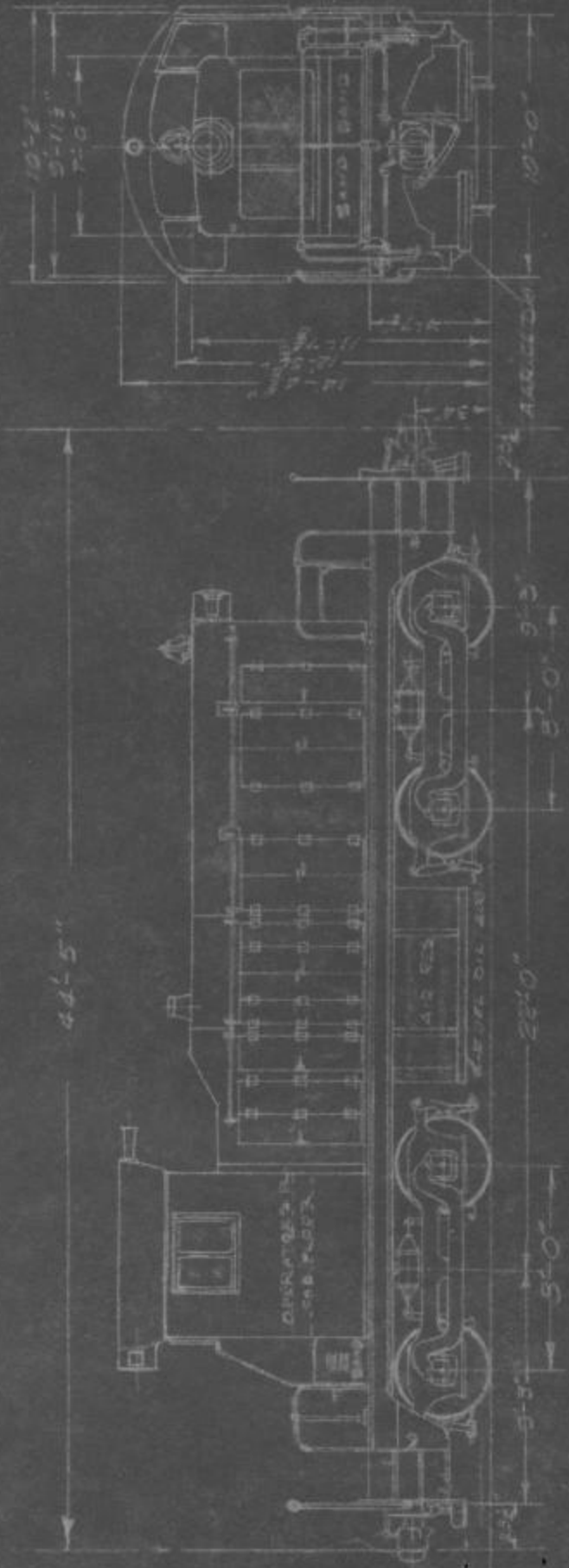
BUILT BY R.K. PORTER CO.
 TYPE: PORTER CUMMINS DIESEL
 (2) 4-WHEEL SWIVEL TRUCKS
 PURCHASED FROM SURPLUS PROP. U.S. ARMY
 PLACED IN SERVICE
 WEIGHT
 400 H.P.
 2 HIGH SPEED GENERATORS
 4 LOW SPEED MOTORS
 TRACTIVE FORCE AT 30% ADHESION
 TRACTIVE FORCE CONTINUOUS RATING

DEC. 1942
 FEB. 1947
 130,000 LBS.
 39,000 LBS.
 5,600 LBS. AT 10 M.P.H.

WHEEL BASE - TRUCKS
 TOTAL WHEEL BASE
 LENGTH OVER BUMPERS
 TRAIN LENGTH
 HEIGHT
 WIDTH

7'-0"
 23'-3"
 34'-0"
 36'-11"
 12'-0"
 9'-6"

DIESEL NO. 1201 To 1204



BUILT BY G.M. ELECTRO-MOTIVE DIV. FUEL TANK 600 GALS.
 MODEL EM-1 TYPE (OLD) 100 TON SWITCHING LOCO. LIGHTING 32-VOLT
 ENGINE 6 Motors Diesel 6-567 14' G.M.
 500 H.P. 4-500 RPM
 TRACTION MOTOR D-7
 GENERATOR D-4A-D-4 DAD
 WEIGHT FULLY LOADED 195000
 STARTING T.O. AT 25% A.M. - 49000 LBX.
 MAX. SPEED 49 M.P.H., HEAT TREATED
 DRIVER 4 Pcs. Dia. 40", Heat Treated
 JOURNAL SIZE 6 1/2" x 12"
 GEAR RATIO 22.1:1
 MIN. CURVE RADIUS 100 FT.
 LUB. OIL CAPY NET SUMP 85 GALS, DRY SUMP 65 GALS.
 COOLING WATER 135 GALLONS
 SAND CAPACITY 28 CU. FT.
 DRAFT GEAR NATIONAL M-17-A
 COUPLERS TYPE E, STAND. LENGTH 64.78"
 TRUCK FRAMES CAB STEEL PIPE RAIL TYPE
 AXLES M-102 ALL DRG & WHL. SWS
 GROUND