

LOCOMOTIVE & FREIGHT
EQUIPMENT

SACRAMENTO NORTHERN RAILWAY
AND

TIDEWATER SOUTHERN RAILWAY

*LOCOMOTIVE & FREIGHT
EQUIPMENT*

TIDEWATER SOUTHERN RAILWAY

Nos. T.S. 744 -745
 DATE BUILT - No. 744, 1948
 - No. 745, 1949

MODEL - ALCO S-2

POWER PLANT

1-1000 H.P. DIESEL ELECTRIC UNIT
 DIESEL ENGINE A.L.Co. 539
 6-12½"x13" CYLS. VERT., 4 CYCLE

GENERATORS

1-G.E. D.C. TYPE 553C
 1-G.E. EXCITER, TYPE GMC. 139AC

DIESEL-ELECTRIC SWITCHING 8-WHEEL

TRACTION MOTORS

4-G.E. D.C. TYPE 731
 GEAR RATIO 75:16

CONTROL EQUIPMENT

G.E. TYPE P

AIR COMPRESSOR

1-WESTINGHOUSE TYPE 3-CD

BRAKE EQUIPMENT

WESTINGHOUSE EL-14

CLASP BRAKES

FUEL - DIESEL OIL 635 GALS.

LUBE OIL 80 "

ENGINE COOLING WATER 240 "

SAND 2700 LBS.

TRACTION EFFORT - 57,500 LBS.

MAX. PERMISSIBLE SPEED 60 M.P.H.

MAX. TRACK CURVE 50 FT. RADIUS

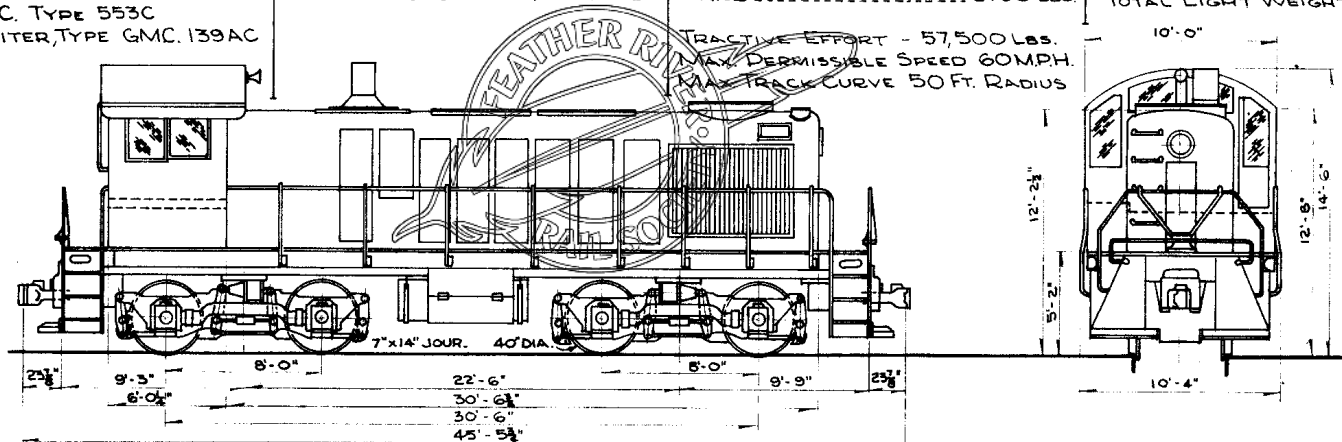
ROAD CLASS 744

SYMBOL S-57

WEIGHT IN WORKING ORDER
 (INCL. FULL FUEL OIL, LUBE OIL,
 WATER, SAND, EQUIPMENT &
 CREW) - 230,000 LBS.

AXLE LOAD - 57,500 LBS.

TOTAL LIGHT WEIGHT. 220,100



BUILDERS LOT NO 01-5124

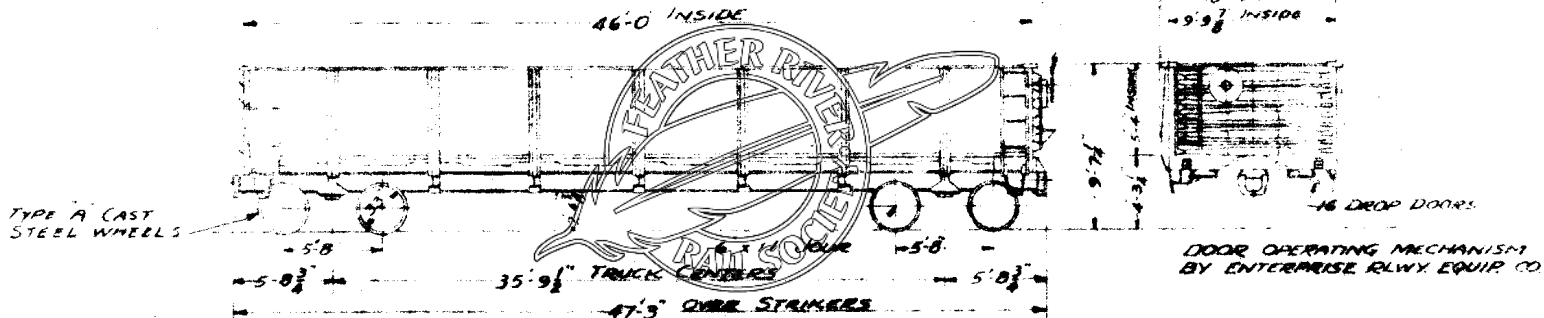
DROP BOTTOM GONDOLA, CLASS GS
BUILT BY AMERICAN CAR & FOUNDRY CO.
AFE T.S. 5-57

CAR NOS T.S. 201-205
ORIG. NO. OF CARS 5

ALL CARS EQUIPPED WITH
LUBRICATOR PADS

POWER HAND BRAKE

-10'-8" OVER SIDE
STAKES
-10'-7" OVER CORNER
-9'-9" INSIDE



ASF A-3 RIDE CONTROL TRUCKS
CARDWELL-WEST NY-11 F DRAFT GEAR
WESTINGHOUSE TYPE AD 1012 AIR BRAKES

LENGTH INSIDE 46'-0"
WIDTH " 9'-9 1/2"
HEIGHT " 5'-8"

CAPACITY 110000 LBS
2410 CU FT
LEVEL FULL

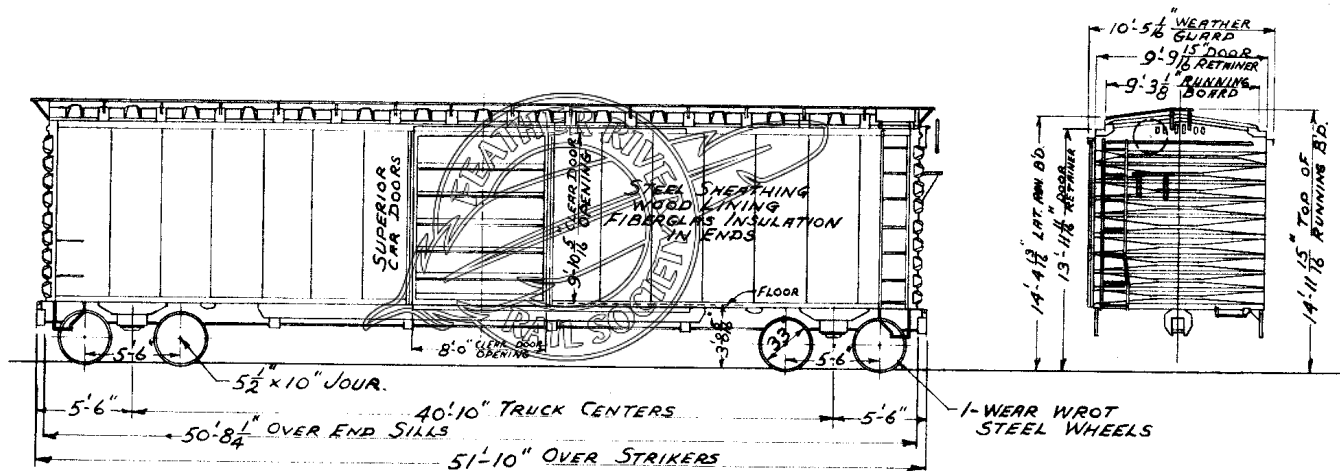
WEIGHT - BODY
TRUCKS
TOTAL 56300 LBS

RWC 8-23-58

BUILDERS LOT NO. 8240

BOX CAR, CLASS XM
 BUILT BY PULLMAN STANDARD CAR MFG. CO.
 AFE T.S. 23-55.

CAR NOS. T.S. 501-525
 ORIG. NO. OF CARS 25.



SCULLIN A-3 RIDE CONTROL TRUCKS
 N.M. & S.C. CO. TYPE MF-275 RUBBER DR. GEAR
 WESTINGHOUSE TYPE AB-1012 AIR BRAKES

LENGTH INSIDE --- 50'-5 9/16"
 WIDTH " --- 9'-2 1/16"
 HEIGHT " --- 10'-5 1/2"

CAPACITY --- 10000 LBS.
 " --- 4844 CU. FT.

WEIGHT - BODY TRUCKS
 TOTAL 52000 LBS

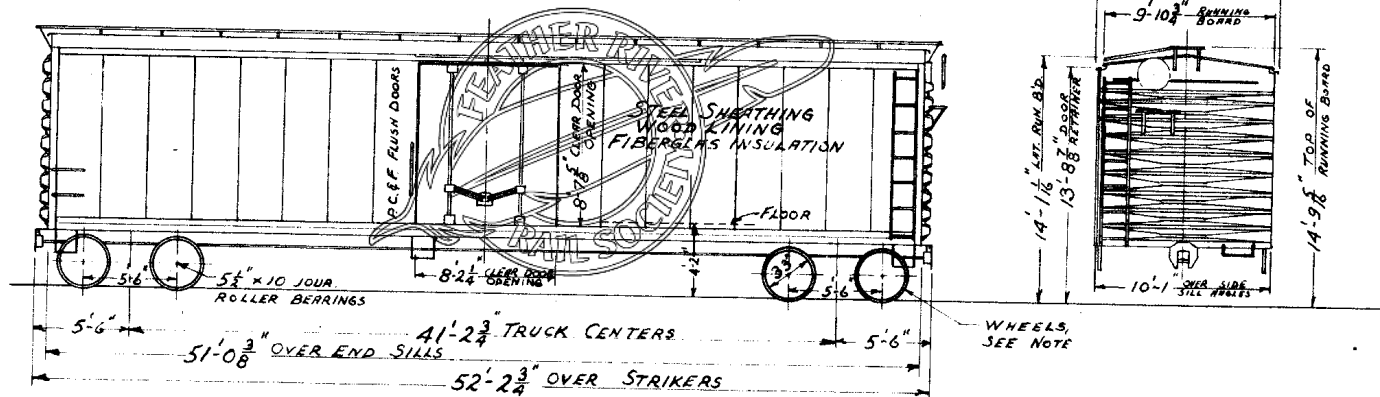
BUILDERS LOT No WP-57.

INSULATED BOX CAR, CLASS RBL
 BUILT BY PACIFIC CAR & FOUNDRY CO.
 AFE T.S. 17-57.

CAR NOS. T.S. 601 - 610
 ORIG. No. OF CARS 10

TS 601-605, 1 WEAR WROT STL. WHEELS
 TS 606-610, TYPE "A" CAST STL. WHEELS
 CARS EQUIPPED WITH PC LOADERS:
 TS 601-608, 8 BELTS
 TS 609-610, 6 BELTS.

601-605 606-610
 ROLLER BEARINGS HYATT TIMKEN
 DRAFT GEAR FR-16 MF-400



BARBER STABILIZED, TYPE S-2-C TRUCKS
 RUBBER DRAFT GEAR-SEE TABLE
 WESTINGHOUSE TYPE AB-1012 AIR BRAKES

LENGTH INSIDE	50'-0"
WIDTH	9'-2"
HEIGHT	9'-1"

CAPACITY	97000 LBS.
	4154 CU. FT.

WEIGHT - BODY
 TRUCKS

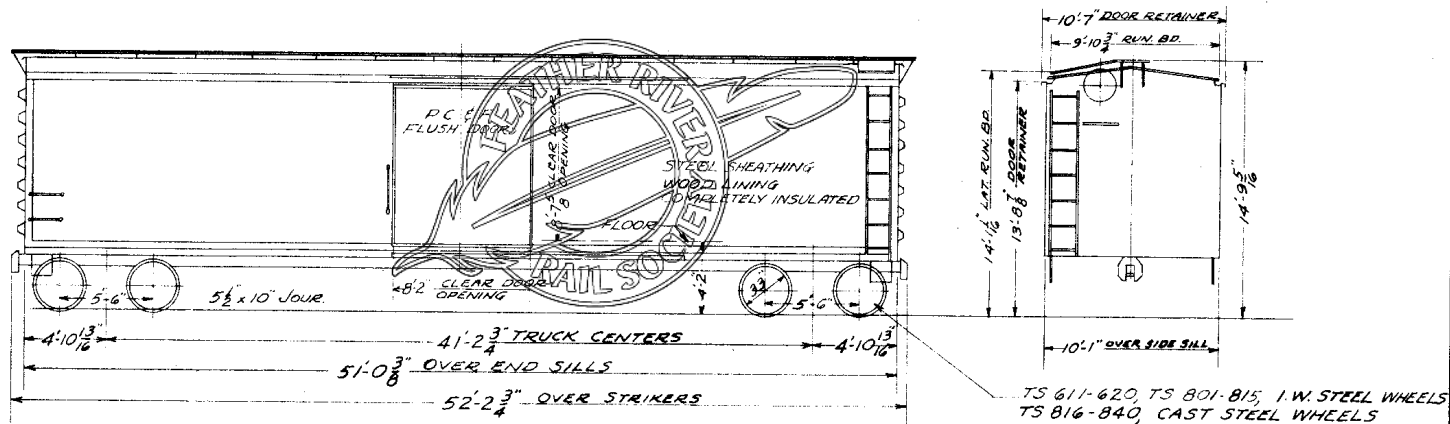
TOTAL 70900 LBS

BUILDERS LOT NO WP-58

INSULATED BOX CARS, CLASS RBL
 BUILT BY PACIFIC CAR & FOUNDRY DEC. 1958
 AFE T.S. 2-59

CAR NOS. T.S. 611-620
 T.S. 801-840
 NO OF CARS 50

NOTE:
 TS 611-620 EQUIPPED WITH 6 BELT PC LOADERS - WIDTH INSIDE 9'-2" - TOTAL WT. 70200 LBS.
 TS 801-840 EQUIPPED WITH 8 BELT DF LOADERS - WIDTH INSIDE 9'-1³/₄" - TOTAL WT. 71400 LBS.



BARBER S-2-C STABILIZED TRUCKS	LENGTH INSIDE	50'-6"	CAPACITY	97000 LBS.	WEIGHT BODY
N.M. & S.C. Co. MF-400 RUBBER DRAFT GEAR	WIDTH	SEE NOTE	"	4154 CU. FT.	TRUCKS 14590
AAR FRICTION BEARINGS	HEIGHT	9'-1"	"		TOTAL SEE NOTE

RWC 10-6-60

LOCOMOTIVE & FREIGHT
EQUIPMENT
SACRAMENTO NORTHERN RAILWAY

SACRAMENTO NORTHERN

SN.RY. Nos. 142-147 No. of LOCO'S 6

BUILT-GEN. ELEC. CO.

LOCO'S 142-146, 1946

LOCO. 147, 1942

POWER PLANT

2-190 H.P. CATERPILLAR DIESEL

ENGINES TYPE D-17000

8-5 1/2 x 8" CYLS. "V" TYPE, 4 CYCLE

GENERATORS

2-G.E. DIRECT CURRENT TYPE GT-555

2-G.E. EXCITER TYPE G.M.G.-140

TRACTION MOTORS

4 G.E. DIRECT CURRENT TYPE G.E.-733

GEAR RATIO 11.25 TO 1

DIESEL-ELECTRIC SWITCHING 8-WHEEL ROAD CLASS SN-142

SYMBOL S-26

FUEL-DIESEL OIL

* WEIGHTS IN WORKING ORDER

TOTAL ON DRIVERS 88,000 LBS.

TOTAL DRY (LIGHT) WT. 84,900 LBS.

AXLE LOAD 22,000 LBS.

TRACTIVE POWER 26,400 LBS.

MAX. PERMISSIBLE SPEED 35 M.P.H.

MAX. TRACK CURVE 50 FT. RADIUS

AIR COMPRESSOR

2 GARDNER-DENVER TYPE ADS.

BRAKE EQUIPMENT

WESTINGHOUSE A.B. Co. STRAIGHT

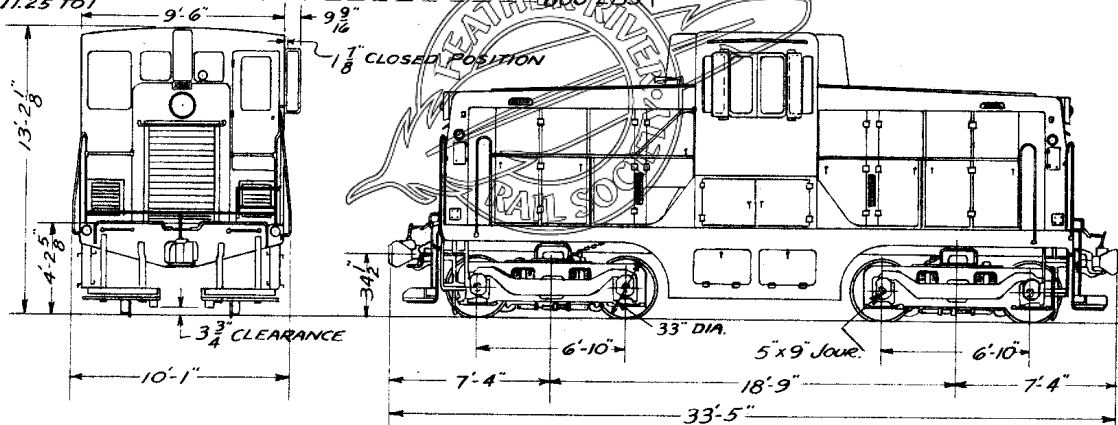
AND AUTOMATIC SCHEDULE 14-EL

FUEL-DIESEL OIL ----- 250 GALS.

LUBR. ----- 100 GALS.

ENGINE COOLING WATER ----- 80 GALS.

SAND ----- 800 LBS.



NOTE:
* INCLUDES FULL LOAD
FUEL OIL, LUBR OIL, WATER,
SAND, ALL EQUIP & 2 MEN.

RWC 4-24-58

S.N.R.Y. Nos. 301-A, 301-D No. of LOCO'S 2
 W.P.R.R. No. 801-D No. of LOCO'S 1

DIESEL-ELECTRIC FREIGHT 8-WHEEL

ROAD CLASS SN.301
 SYMBOL

BUILT-ELECTRO-MOTIVE DIVN.-G.M.C. 1948

POWER PLANT

1-1500 H.P. GMC DIESEL ELECTRIC UNIT
 DIESEL ENGINE 16-8 $\frac{1}{2}$ "x10" CYLS V TYPE,
 2 CYCLE, MODEL 16-567-B

MAIN GENERATOR

1-EMD. TYPE D-12-14 NOM. VOLTAGE 600

TRACTION MOTORS

LOCO'S S.N. 301-302
 4 E.M.D. TYPE D-7-E VOLTAGE 600

LOCO. W.P. 801-D

4 E.M.D. TYPE D-27-B VOLTAGE 600

GEAR RATIO

LOCO'S S.N. 301-A 62:15
 S.N. 301-D 65:12
 LOCO. WP 801-D 62:15

AIR COMPRESSOR
 1 GARDNER-DENVER TYPE WXE
BRAKE EQUIPMENT
 WESTINGHOUSE CLASP BRAKES
 TYPE 24 RL

FUEL DIESEL OIL **1200 GALS
 LUBE OIL 200 "
 ENG. COOLING WATER 230 "
 TOILET 50 "
 SAND 1600 LBS

** EXCEPT 801-D, 1500 GALS.

TRACTION POWER 59,000 LBS

MAX. TRACK CURVE 21°

MAX. PERMISSIBLE SPEED

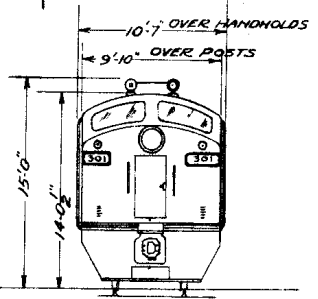
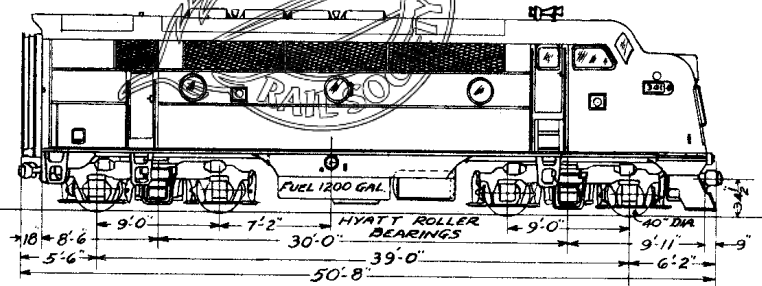
LOCO'S S.N. 301-302 50 M.P.H.
 LOCO. W.P. 801-D 65 M.P.H.

MIN. CONTINUOUS RATING SPEED

11 M.P.H

FUEL - DIESEL OIL
 * WEIGHTS IN WORKING ORDER
 TOTAL ON DRIVERS 236,500 LBS.
 TOTAL DRY (LIGHT) WT. 213,970 LBS.
 AXLE LOAD 59,125 LBS.

REV. 2-11-64
 6-11-64



NOTE:
 * INCLUDES FULL LOAD OF FUEL OIL,
 LUBE OIL, WATER, SAND, ALL EQUIPT.

RWC 4-30-58

S N 401 & 402

NOS. 501-503 NO. OF LOCOS. 3
 BUILT-ELECTRO-MOTIVE CORP. 1939
 SPEC. NO. E.M.C. MODEL SW-1

DIESEL SWITCHING 8-WHEEL

AFE 191-39

ROAD CLASS 501
 SYMBOL S-50
 FUEL-DIESEL OIL

POWER PLANT
 1- 600 H.P. DIESEL ELECTRIC
 ELECTRO-MOTIVE CORP.
 DIESEL ENGINE MODEL G-567
 6-8 1/2" x 10" CYLS. V TYPE, 2 CYCLE

AIR COMPRESSOR
 1- GARDNER-DENVER W.X.E.
 BRAKE EQUIPT.
 WESTINGHOUSE A.B. Co. 14 EL.

TRACTIVE POWER 50000 LBS.
 MAX. PERMISSIBLE SPEED 45 M.P.H.
 MAX. TRACK CURVE 100 FT. RADIUS.

* WEIGHTS IN WORKING ORDER.
 ON DRIVERS OVER 200000 LBS. BY
 LOCO. TOTAL ACTUAL SCALE WEIGHTS
 PRESENT OFFICIAL SCALE WEIGHTS ON DRIVERS AND TOTAL
 AFTER SAND BOXES ETC. HAVE BEEN REDUCED.

Loco. No.	501	283,140 LBS.	5-13-41
"	502	199,630 "	6-23-41
"	503	199,380 "	8-23-41

4-MOTORS, ELECTRO-MOTIVE CORP.
 TYPE D7A VOLTAGE 300-600

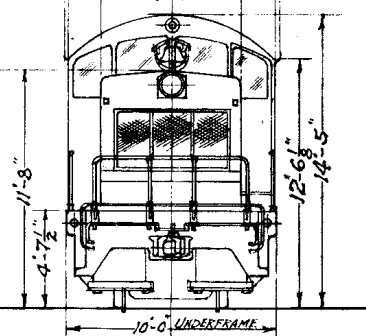
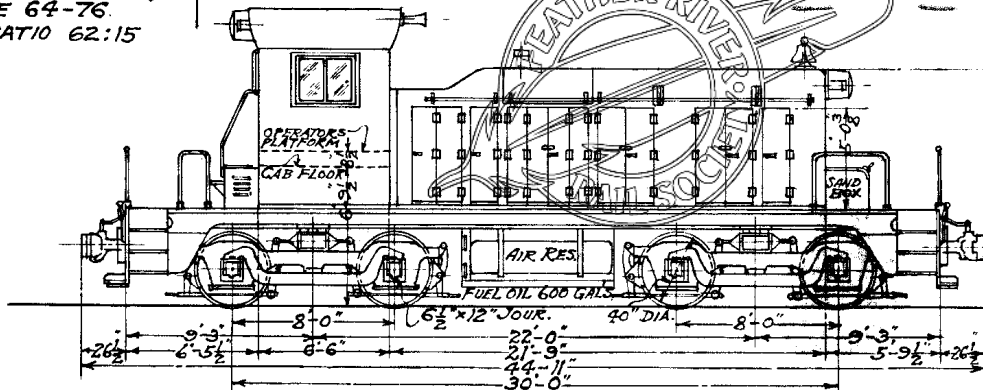
AXLE LOAD 50000 LBS.

CONTROL EQUIPT.
 ELECTRO-MOTIVE CORP.
 VOLTAGE 64-76
 GEAR RATIO 62:15

NOTE:
 UNITS 401 AND 402 SOLD TO S.N.R.V. IN 1966
 AND REPLACED BY UNITS 401 AND 402 INCL.

10'-2" OVER CUTTERS
 9'-11 1/2" CAB
 TOTAL DRY (LIGHT) WEIGHT
 APPROX. AVG. 191,900 LBS.

REVISED
 12-15-60
 5-16-67



* NOTE
 INCLUDES FULL LOAD
 FUEL, SAND, LUB. OIL, WATER, ALL EQUIPT.
 AND 2 MEN IN CAB.

Nos. S.N. 403-404
 DATE BUILT - No.403, 1945
 - No.404, 1949

MODEL - ALCO S-2

POWER PLANT

1-1000 H.P. DIESEL ELECTRIC UNIT

DIESEL ENGINE A.L.Co. 539

6-12½"x13" CYLS. VERT., 4 CYCLE

GENERATORS

1-GE. D.C. TYPE 553C

1-GE. EXCITER, TYPE GMC. 139AC

DIESEL-ELECTRIC SWITCHING 8-WHEEL

TRACTION MOTORS

4-GE. D.C. TYPE 731

GEAR RATIO 75:16

CONTROL EQUIPMENT

G.E. TYPE D

AIR COMPRESSOR

1-WESTINGHOUSE TYPE 3-CD

BRAKE EQUIPMENT

WESTINGHOUSE EL-14

CLASP BRAKES

FUEL - DIESEL OIL 635 GALS.

LUBE OIL 80 "

ENGINE COOLING WATER 240 "

SAND 2700 LBS.

ROAD CLASS 403

SYMBOL S-57

WEIGHT IN WORKING ORDER
 (INCL. FULL FUEL OIL, LUBE OIL,
 WATER, SAND, EQUIPMENT &
 CREW) - 230,000 LBS.

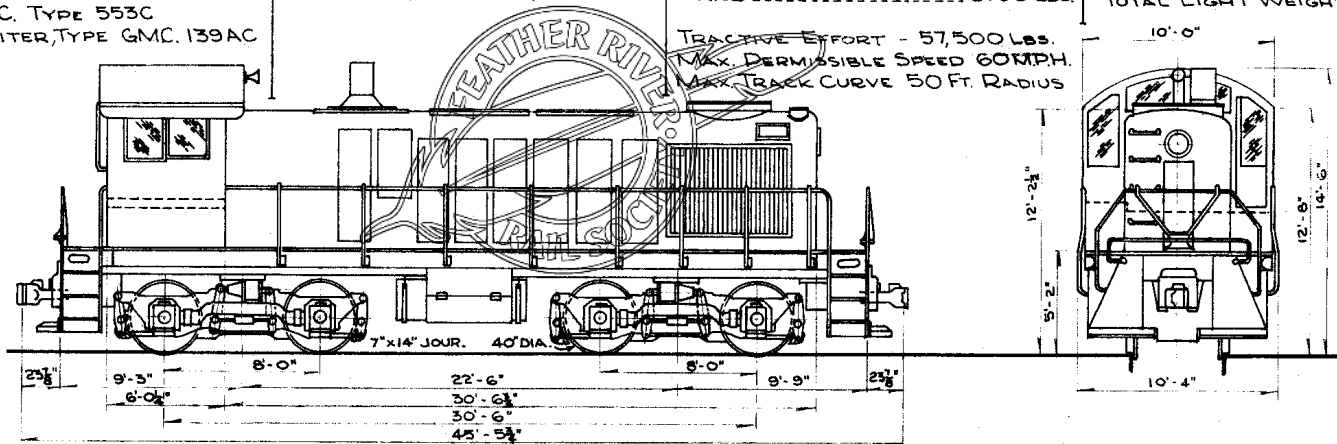
AXLE LOAD - 57,500 LBS.

TOTAL LIGHT WEIGHT. 220,100

TRACTION EFFORT - 57,500 LBS.

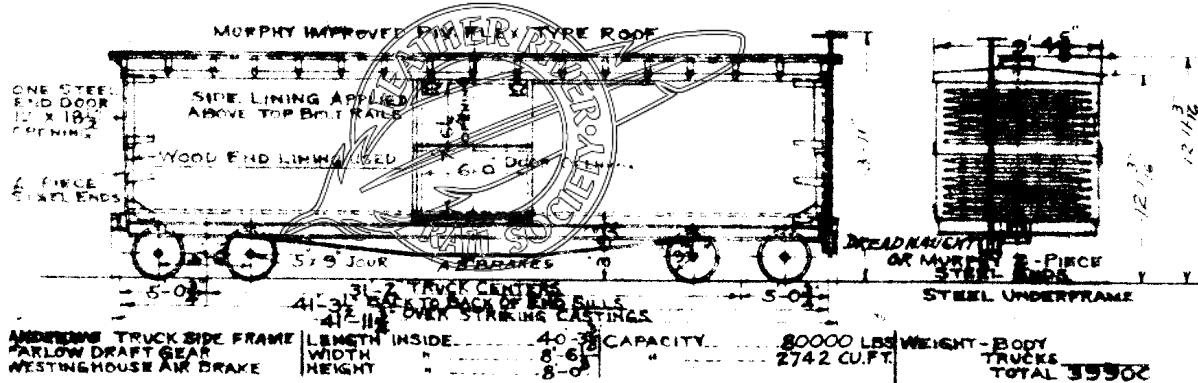
MAX. PERMISSIBLE SPEED 60MPH.

MAX. TRACK CURVE 50 FT. RADIUS



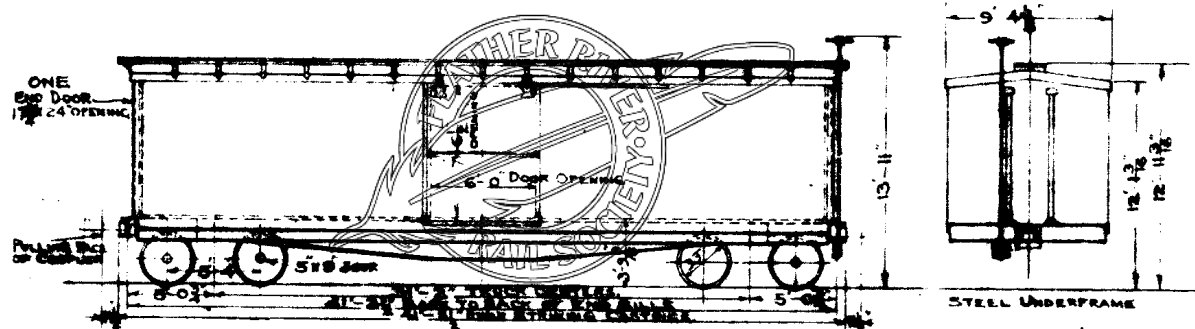
BOX CAR, CLASS XM
 BUILT BY MT. VERNON CAR MFG. CO.
 1917-18

CAR NOS SN 2301-2327



BOX CAR, CLASS XM
 BUILT BY MT. VERNON CAR MFG. CO.

CAR NOS. S.N. 2329-2350



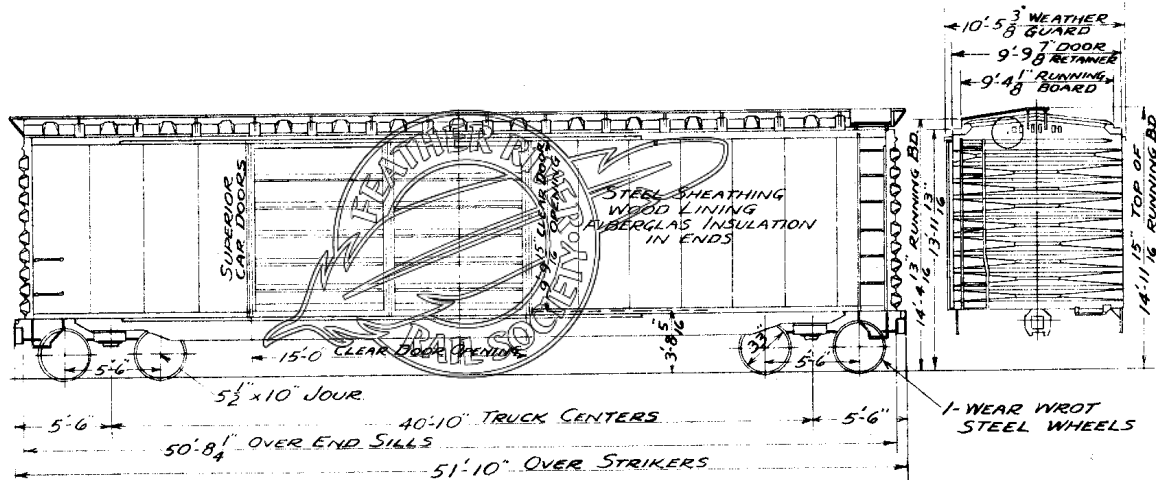
ANDREWS TRUCK SIDE FRAME
 FARLOW DRAFT GEAR
 WESTINGHOUSE AIR BRAKE

LENGTH INSIDE	40'-0"	CAPACITY	80000 LBS.	WEIGHT - BODY	
WIDTH	8'-0"		2723 C.F.T.	TRUCKS	
HEIGHT	8'-0"			TOTAL	33400 LBS.

BUILDERS LOT NO. 8268-B

BOX CAR, CLASS XM
 BUILT BY PULLMAN STANDARD CAR MFG. CO.
 AFE S.N. 27-55

CAR NOS. S.N. 2401-2500
 ORIG. NO. OF CARS 100



BARBER S-2-C STABILIZED TRUCKS	LENGTH INSIDE	50'-5 $\frac{9}{16}$ "	CAPACITY	100000 LBS.	WEIGHT - BODY TRUCKS
RUBBER DRAFT GEARS	WIDTH	9'-2 $\frac{1}{16}$ "	"	4840 CU. FT.	TOTAL 55800 LBS.
WESTINGHOUSE TYPE AB1012 AIR BRAKES	HEIGHT	10'-5 $\frac{1}{2}$ "			

RWC 4-22-58

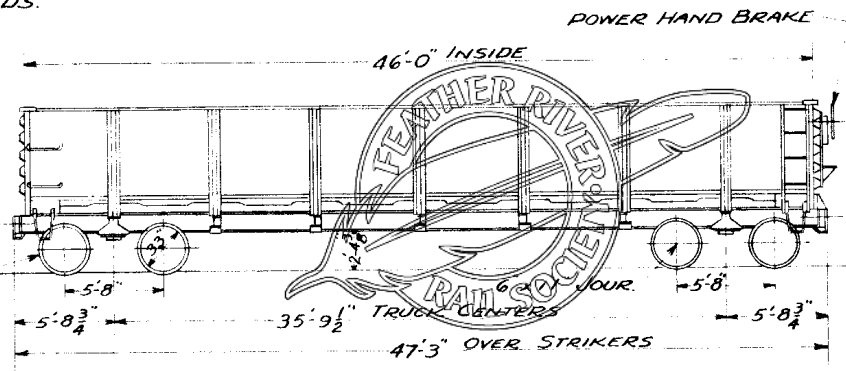
BUILDERS LOT NO. 01-5124

DROP BOTTOM GONDOLA, CLASS GS
 BUILT BY AMERICAN CAR & FOUNDRY CO.
 AFE SN. 16-57

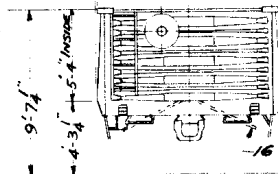
CAR NOS. S.N. 4001-4020
 ORIG. NO. OF CARS 20

ALL CARS EQUIPPED WITH
 LUBRICATOR PADS.

TYPE "A" CAST
 STEEL WHEELS



← 10'-8" OVER SIDE STAKES →
 ← 10'-7 7/8" OVER CORNER CAPS →
 ← 9'-9 7/8" INSIDE →



16 DROP DOORS

DOOR OPERATING MECHANISM
 BY ENTERPRISE RLWY. EQUIP. CO.

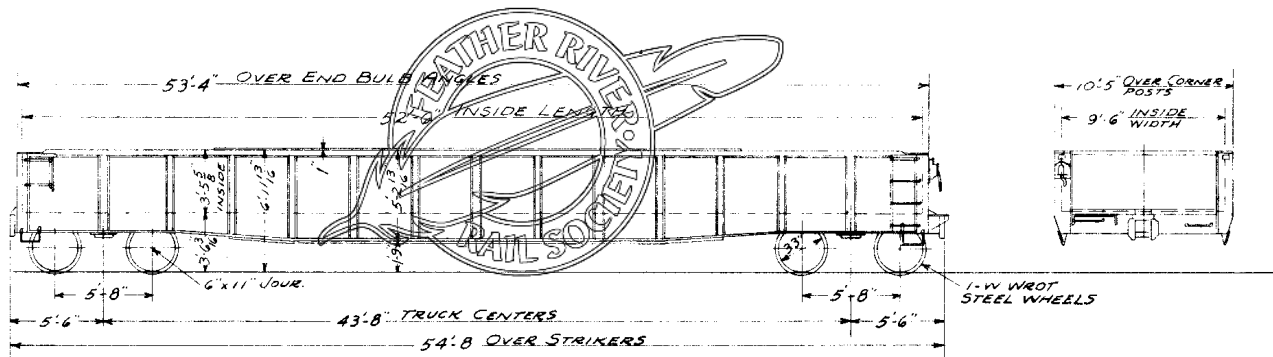
ASF A-3 RIDE CONTROL TRUCKS	LENGTH INSIDE	46'-0"	CAPACITY	140000 LBS	WEIGHT - BODY
CARDWELL-WEST NY-11-F DRAFT GEAR	WIDTH	9'-9 7/8"	"	2410 CUFT	TRUCKS
WESTINGHOUSE TYPE AB 1012 AIR BRAKES	HEIGHT	5'-4"	"	LEVEL FULL	TOTAL 56300 LBS

REV:
5-22-68

BUILDERS LOT 5363

GONDOLA CARS, CLASS GB
BUILT BY AMERICAN CAR & FDRY, JULY 1959
AFE S.N. 4-59

CAR NOS. S.N. 4501-4525
NO. OF CARS 25



BARBER S-2-A STABILIZED TRUCKS
MINER A-22-XL DRAFT GEARS
ROLLER BEARINGS

LENGTH INSIDE	52'-6"
WIDTH	9'-6"
HEIGHT	3'-5 ⁵ / ₈ "

CAPACITY	140,000 LBS.
	1728 CU.FT.

WEIGHT-BODY	39590
TRUCKS	16440
TOTAL	56030 LBS.

RWC 3-8-60

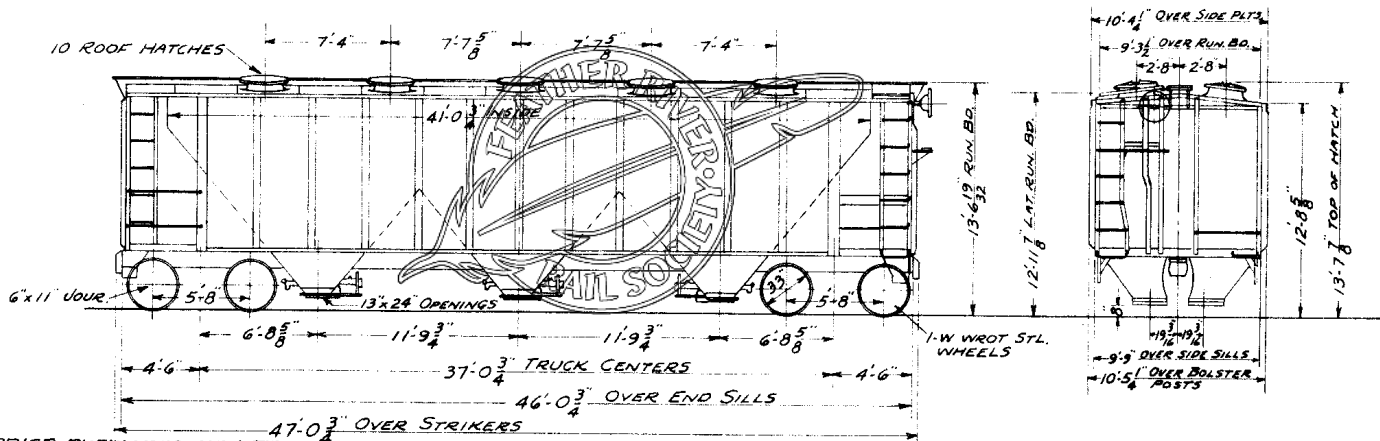
BUILDERS LOT NO. 11-5259

COVERED HOPPER CAR, CLASS LO
BUILT BY AMERICAN CAR & FOUNDRY CO.

CAR NOS. S.N. 5001-5010
ORIG. NO. OF CARS 10

ALL CARS EQUIPPED
WITH LUBRICATOR PADS.

AFE S.N. 2-59



ENTERPRISE PNEUMATIC OUTLETS
TRUCKS, ASF A-3 RIDE CONTROL
DRAFT GEAR, AAR APPROVED
AIR BRAKES, WESTINGHOUSE TYPE AB-1012

LENGTH INSIDE 41'-0³/₄"
WIDTH " 9'-9"

CAPACITY 140,000 LBS.
3200 CUFT.

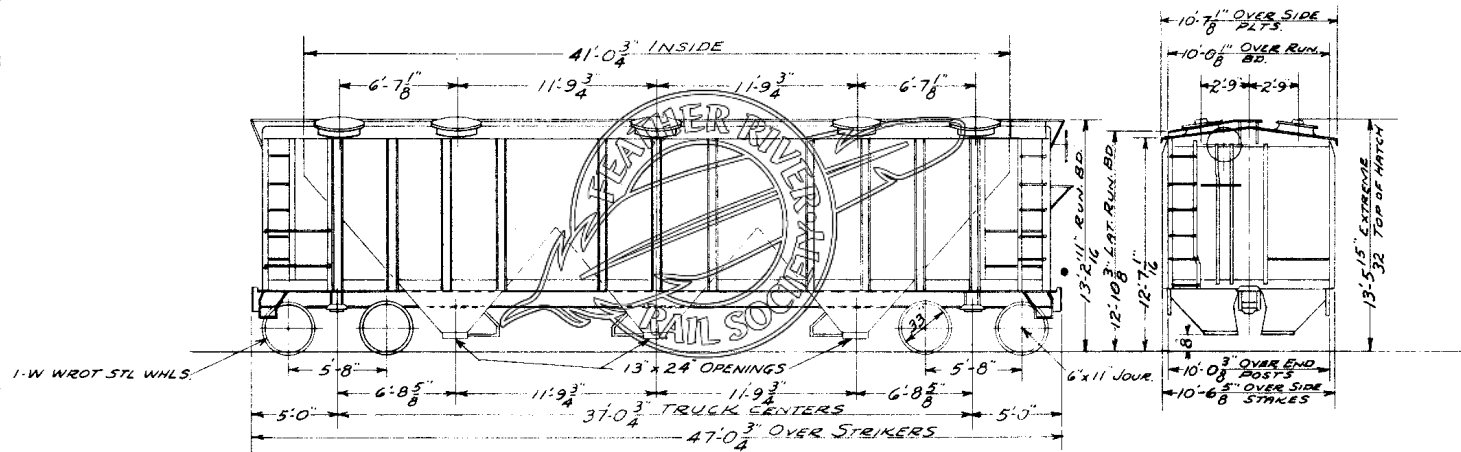
WEIGHT-BODY 47210
TRUCKS 16440
TOTAL 63650 LB.

RWC 11-3-58

BUILDERS LOT 8460-G

COVERED HOPPER CARS, CLASS LO
 BUILT BY PULLMAN STANDARD MAY 1959
 AFE S.N. 4-59

CAR NOS. S.N. 5011-5020
 NO. OF CARS 10



ENTERPRISE PNEUMATIC OUTLETS
 ASF A-3 RIDE CONTROL TRUCKS
 WAUGH NO. 420 DRAFT GEARS
 TIMKEN AP ROLLER BEARINGS

LENGTH INSIDE
 WIDTH "

41'-0³/₄"
 9'-11⁵/₈"

CAPACITY
 "

140,000 LBS.
 3219 CU.FT.

WEIGHT-BODY 46260
 TRUCKS 16440

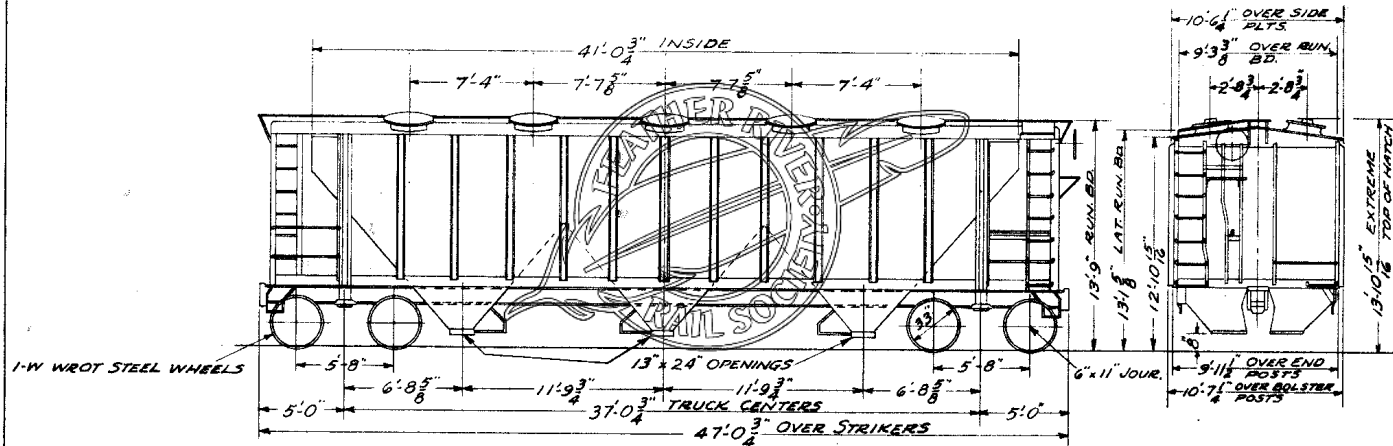
TOTAL 62700 LBS.

RWC 3-10-60

BUILDERS LOT 11-5389-E

COVERED HOPPER CARS, CLASS L0
 BUILT BY AMERICAN CAR & FOUNDRY MARCH 1960
 AFE S.N. 12-60

CAR NOS. S.N. 5101-5110
 NO. OF CARS 10



KEYSTONE OUTLET GATES
 ASF A-3 RIDE CONTROL TRUCKS
 DRAFT GEAR AAR APPROVED
 TIMKEN AP ROLLER BEARINGS

RWC 4-6-60

LENGTH INSIDE	41'0 ³ / ₄ "	CAPACITY	140,000 LBS.	WEIGHT-BODY	45760
WIDTH "	9'-11"	"	3500 CU.FT.	TRUCKS	16440
				TOTAL	62200

BUILDERS LOT 11-5778

ALUMINUM COVERED HOPPER CARS CLASS L0

CAR NOS S.N. 5501-5510

BUILT BY AMERICAN CAR & FOUNDRY NOV. 1961

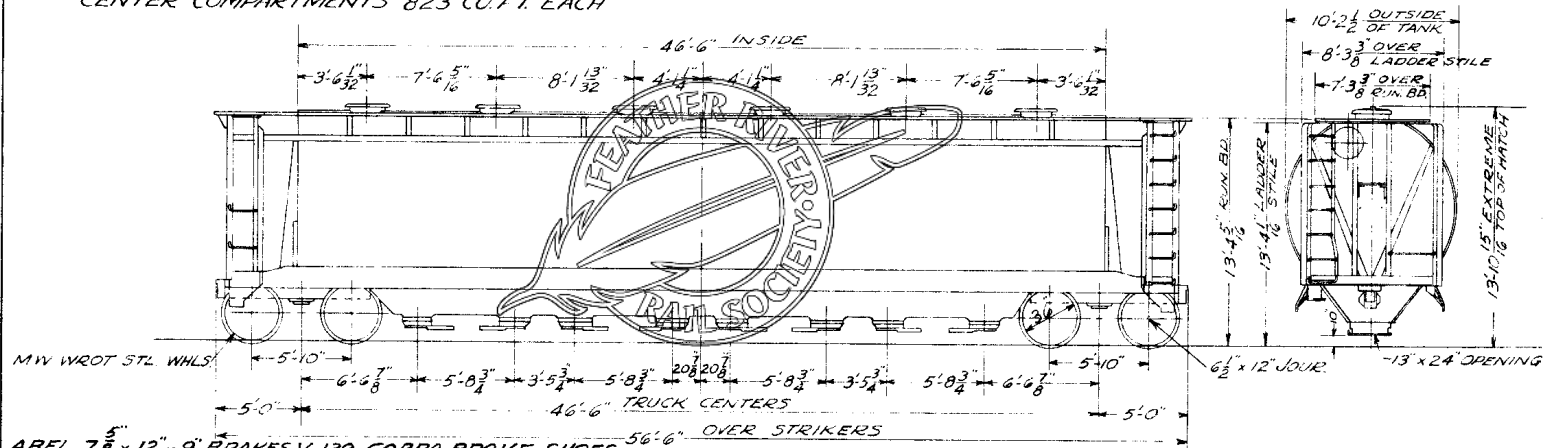
NO. OF CARS 10

AFE S.N. 28-61

NOTE:

END COMPARTMENTS 1152 CU.FT. EACH
 CENTER COMPARTMENTS 823 CU.FT. EACH

REV. 2-24-64



ABEL 7 5/8" x 12" x 9" BRAKES V-139 COBRA BRAKE SHOES

KEYSTONE OUTLET GATES

ASF A-3 RIDE CONTROL TRUCKS

NATIONAL MF-400A RUBBER DRAFT GEAR

TIMKEN AP ROLLER BEARINGS

LENGTH INSIDE

46'-6"

CAPACITY

200,000 LBS.

WEIGHT-BODY 22700

WIDTH

10'-2"

3950 CU.FT.

" -TRUCKS 21600

TOTAL 44300

RWC 11-14-61

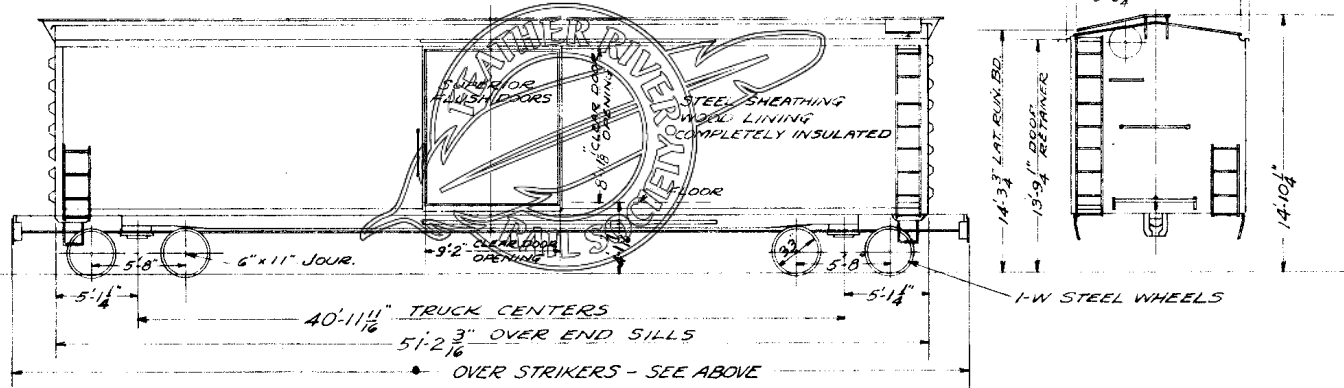
INSULATED BOX CARS, CLASS RBL
 BUILT BY THRALL CAR MFG. CO. DEC. 1961

CAR NOS S.N. 8001-8040
 NO. OF CARS 40

REV. 4-22-63

LENGTH OF TRAVEL AFE S.N. 28-61
 & TYPE OF CUSHION

S.N.	CAR PAC LOADERS	LENGTH OF TRAVEL & TYPE OF CUSHION	ROLLER BEARINGS	WEIGHT	DISTANCE OVER STRIKERS	DRAFT GEARS
8001-8005	4 BELT	24"-NATIONAL	SKF	74800	56'-5 ³ / ₁₆ "	NAT'L CSTG'S MS-130
8006-8010	6 BELT	24"-NATIONAL	SKF	75400	"	NAT'L CSTG'S MS-430
8011-8032	6 BELT	20"-KEYSTONE	TIMKEN	75600	55'-7 ¹ / ₁₆ "	MINER A-22-XL
8033-8040	6 BELT	20"-KEYSTONE	HYATT	75600	"	MINER A-22-XL



ASF A-3 RIDE CONTROL TRUCKS
 DRAFT GEARS - SEE ABOVE
 ROLLER BEARINGS - SEE ABOVE

LENGTH INSIDE 50'-6"
 WIDTH " 9'-4"
 HEIGHT " 9'-6"

CAPACITY "

133000 LBS
 4477 CUFT

WEIGHT - BODY TRUCKS 16440
 TOTAL SEE ABOVE

RWC 11-16-61