



EQUIPPED FOR LOADING AUTO STEERING COLUMNS	23500-23525
EQUIPPED FOR LOADING AUTO - MISC. PARTS	23530-23579

CLASS	CARS
40 TON AUTO BOX	
N.K.P.	
ADVISORY MECHANICAL COMMITTEE CLEVELAND OHIO MAR 31 1933.	

REV. 0		REVISIONS	
NO. 1	DATE	BY	REASON
1	3/13/33	W.P.B.	STANDARDIZATION
2	3/13/33	W.P.B.	STANDARDIZATION
GROUP NO.	SHEET NO.		
2	4		

GENERAL DATA

BUILT BY ILL. CAR & MFG. CO.
 YEAR BUILT - 1934
 CAPACITY LEVEL FULL C. & T. - 3459
 CAPACITY - 30000 LBS.
 AVERAGE LOAD LIMIT LBS. 8100
 AVERAGE LIGHT WEIGHT LBS. 46108
 BLDG DES. REFERENCE - LOT 115
 A & R SPEC. NO. 382

CAR BODY DATA

AIR BRAKE MFG. M.A.B. CO.
 AIR BRAKE SCHEDULE - MC1012
 BODY NO. STEEL - BUILT UP STEEL
 BODY CENTER PLATE - CAST STEEL - PATT. A-946
 BODY SIDE BEARING - WOODS - TIP ROLLER
 CAR LINES - PRESSED STEEL

LETTER BILL - BODY OF SHAPES AND PLATES
 CENTER BILL AREA 7,821.52 IN.
 CENTER BILL COVER PLATE 1/4" X 11"
 COUPLER AREA - TYPE B & R
 COUPLER RELEASE RIDING - IMPERIAL TYPE B
 DOOR - WOOD
 DOOR FASTENERS - CAMEL - 92
 DOOR CLEAR OPENING - 8'-0" WIDE 8'-4 1/2" HIGH
 DRAHT CLEAR - SEE NOTE 1
 DRAHT CLEAR ATTACHMENT - FARLOW - 2-KEY
 ENDS - THROUGH
 END LOAD RATIO - 0.44
 FLOORING - 1 1/4" YELLOW PINE T. & G.
 GENERAL LAYOUT OF CAR NO. - 139-11-177
 HAND BRAKE - WHEEL & SHAFT
 LINING END - 1/3" 4T & G.
 LINING MID - 1 1/2" T & G.
 HOOP - HUTCHINS

SIDE BEARING CENTER - 5'-0"
 SHEATHING 1 1/2" WOOD
 SUPERSTRUCTURE - WOOD
 UNDERFRAME - BUILT UP STEEL

TRUCK DATA

ROLSTER - CAST STEEL - PATT. A-911
 BRAKE BEAM - AKA No 2 DAMASCUS
 BRAKE BEAM SAFETY - CRECO 4 POINT
 CENTER PLATE - CAST INTEGRAL
 GENERAL DRAWING OF TRUCK NO. JOURNAL 5" X 4"
 SIDE BEARING - WOODS PLATE
 WIDE - HAME - CAST STEEL - PATT
 SPRING - AKA TYPE C
 WHEELS - 35" DIA. CAST IRON
 WEIGHT OF ONE TRUCK - 7200
 CENTER PLATE HEIGHT - 2'-11 1/2"

MISCELLANEOUS

NOTE - 1. CARS 20800-20899 HAVE MINOR A-18-B-2 - CARS 10700-10994 HAVE BRADFORD BOCHER TYPE R-55