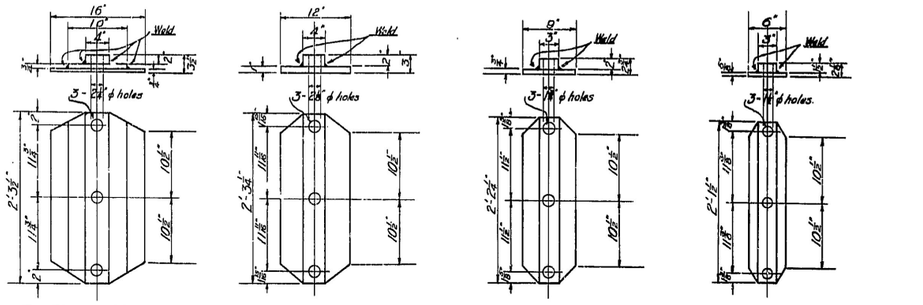


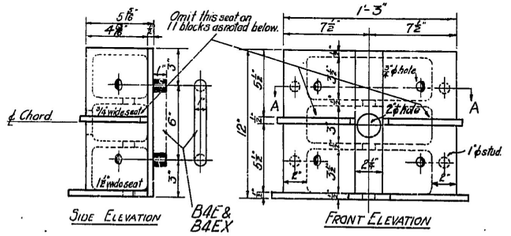
GIB PLATE MARK P1
8 Reqd - Steel
16" x ¾" x 2'-3⅝" Plate
10" x ¾" x 2'-3⅝" Plate
4" x 2" x 2'-3⅝" Flat
} Weld together.

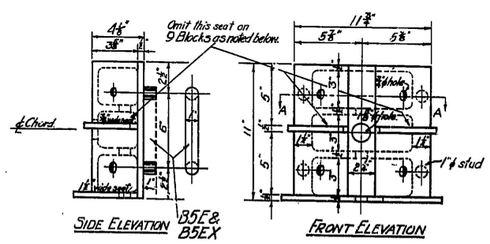
GIB PLATE MARK P2
8 Reqd Steel
12" x 1" x 2'-3⅝" Plate
4" x 2" x 2'-3⅝" Flat
} Weld together

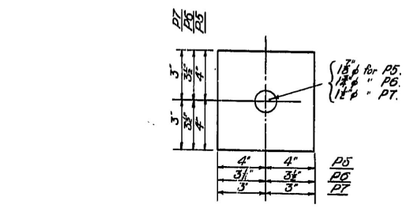
GIB PLATE MARK P3
8 Reqd Steel
9" x ¾" x 2'-2⅜" Plate
3" x 2" x 2'-2⅜" Flat
} Weld together

GIB PLATE MARK P4
12 Reqd - Steel
6" x ⅝" x 2'-1⅝" Plate.
3" x 1⅛" x 2'-1½" Flat
} Weld together.

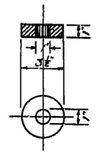
Note :- Plates and Flats to be welded together with continuous ⅜" fillet welds.



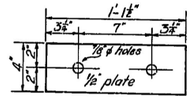




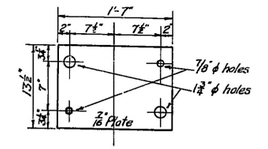
LATERAL PLATES - STEEL
8 Reqd 8" x ⅝" x 6" with 1⅞" ϕ hole, Mk. P5.
8 " 7" x ⅝" x 7" " 1¾" ϕ " , Mk. P6.
24 " 6" x ½" x 6" " 1½" ϕ " , Mk. P7.



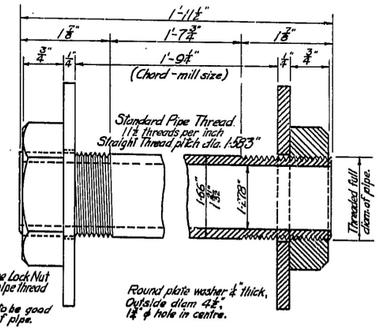
SEPARATOR
135 Reqd - Cast Iron



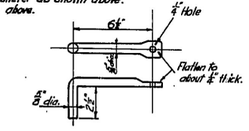
JOINT PLATE FOR UPPER CHORD MK. P8
12 Reqd 4" x ½" x 1'-1½" - Steel



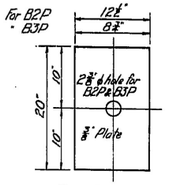
JOINT PLATE FOR LOWER CHORD MK. P9
16 Reqd 13½" x ⅞" x 1'-7" - Steel

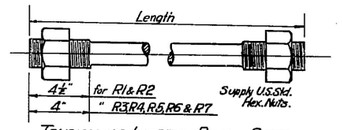


LOWER CHORD FASTENING - STEEL
270 Sets required complete, including :-
270 pcs. extra strong 1¼" block steel pipe.
540 round plate washers as shown above.
540 nuts as shown above.



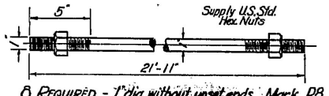
ANGLE BLOCK HOOK
40 REQUIRED - STEEL



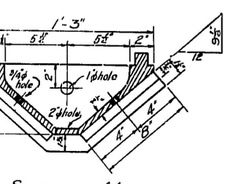
BED PLATES - STEEL
12 Reqd Mark B2P
24 " " B3P

TENSION AND LATERAL RODS - STEEL

12	Required -	1⅜	dia Upset to 2¼	dia - 22'-2¼	long - Mark R1
12	"	1⅛	" " 2"	" 22'-1"	" R2
12	"	1⅛	" " 1⅝"	" 21'-11⅝"	" R3
18	"	1"	" " 1⅝"	" 21'-10½"	" R4
4	"	1⅛	" " 1⅝"	" 22'-0⅛"	" R5
2	"	1⅛	" " 1⅝"	" 22'-0"	" R6
6	"	1"	" " 1⅝"	" 22'-0"	" R7

Note :- Rods with upset ends to be upset by hand or machine. Welds will not be allowed. The threaded ends of Rods to be coated with a mixture of white lead and tallow and wrapped in burlap before shipping.



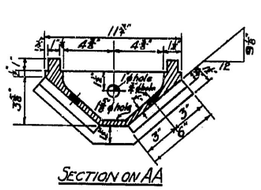
8 REQUIRED - 1" dia. without upset ends. Mark R8



SECTION ON AA

9 Reqd Mk. B4X without seat as noted.
2 " Mk. B4EX - " " "
9 " Mk. B4 as drawn.
2 " Mk. B4E " " .

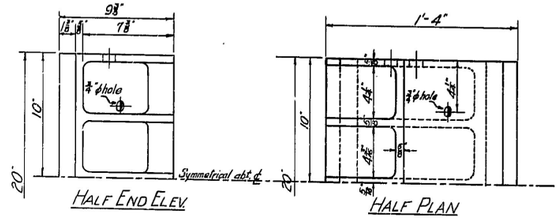
LOWER CHORD LATERAL BLOCK

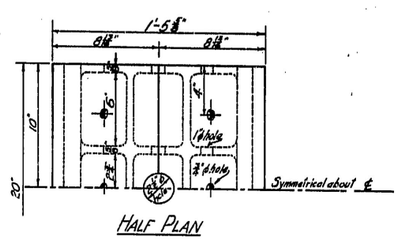


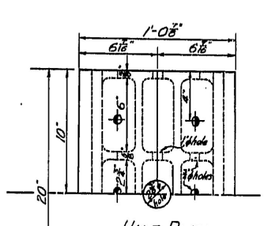
SECTION ON AA

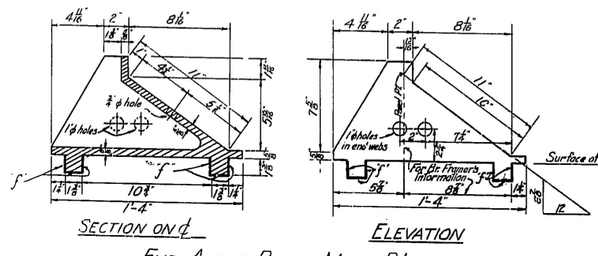
7 Reqd Mk. B5X without seat as noted.
2 " Mk. B5EX - " " "
7 " Mk. B5 as drawn.
2 " Mk. B5E " " .

UPPER CHORD LATERAL BLOCK.

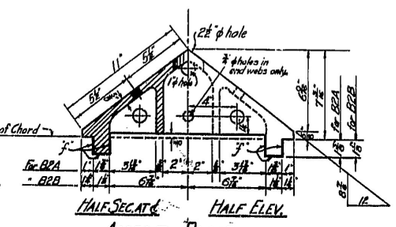




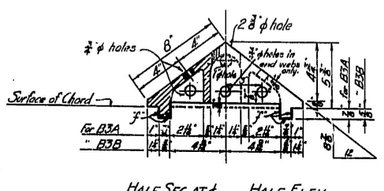




END ANGLE BLOCK MARK B1
4 Reqd - Cast Iron



ANGLE BLOCK, CAST IRON
4 Reqd Mark B2A
8 " " B2B



ANGLE BLOCK, CAST IRON
8 Reqd Mark B3A
16 " " B3B

Note :- Surfaces of angle blocks bearing on steel plates to be dressed smooth, square and true.
f Indicates to be machined.
Paint material on this sheet one shop coat Red Lead, except Cast Iron and Lower Chord Fastenings, and Angle Block Hooks.

140 FT. SPAN
THROUGH HOWE TRUSS
WITH LAMINATED CHORDS
16'-0" ROADWAY
DETAILS OF IRONWORK

Scales :- 1½" 3" and full size.

GO . OF BRITISH COLUMBIA
DEPT. OF PUBLIC WORKS
VICTORIA

MADE BY	C.K. Saunders	Feb. 1931
TRACED BY	D.T. Jones	Nov. 1932
CHECKED BY	J.F. Hepburn	Feb. 1935
APPROVED:		
CHIEF ENGINEER		

DRAWING NO. 2062-3

Revised for 16' Roadway C.K.S. Oct. 1934.

Formerly Std. Bridges 178 A-3

51850