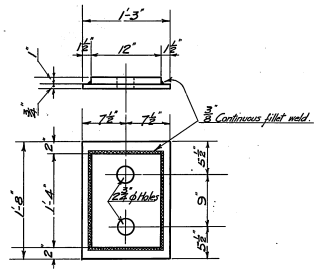
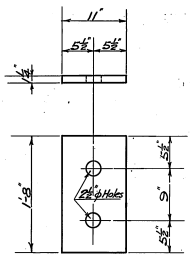


GIB PLATE – MARK P1

8 REQUIRED – STEEL

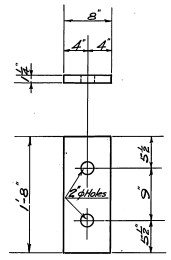
12"×1"×16" Plate
15"×⅜"×20" " } Weld together all around with continuous ⅜" fillet weld



GIB PLATE – MARK P2

8 REQUIRED – STEEL.

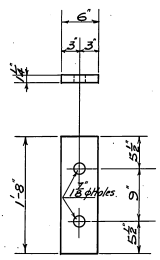
11"×1½"×20" Plate



GIB PLATE – MARK P3

8 REQUIRED – STEEL

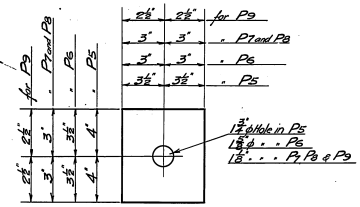
8"×1½"×20" Plate.



GIB PLATE – MARK P4

4 REQUIRED – STEEL

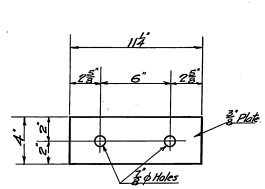
6"×1½"×20" Plate.



LATERAL PLATES – STEEL.

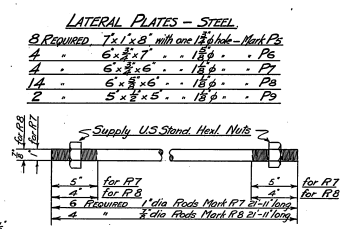
8 REQUIRED 7"×1"×8" with one 1⅜" ϕ hole – Mark P5

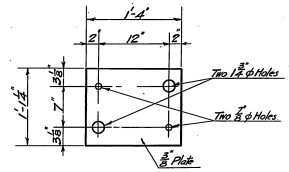
4	"	6"×⅜"×7" " 1⅝" ϕ "	P6
4	"	6"×⅜"×6" " 1⅜" ϕ "	P7
14	"	6"×⅜"×6" " 1⅛" ϕ "	P8
2	"	5"×⅜"×5" " 1⅛" ϕ "	P9



JOINT PLATE FOR UPPER CHORD – MARK P10.

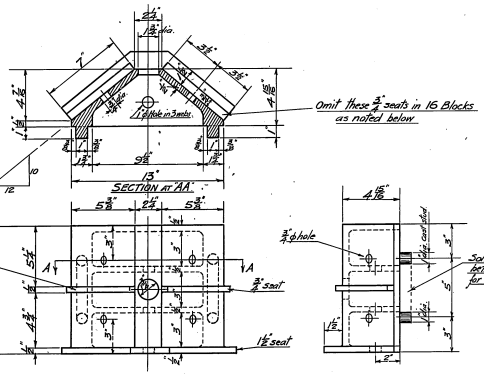
10 REQUIRED, 4"×⅜"×11¼" – STEEL.





JOINT PLATE FOR LOWER CHORD – MARK P11

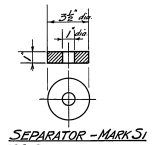
14 REQUIRED – 13"×⅜"×16" – STEEL.



LATERAL BLOCK – CAST IRON

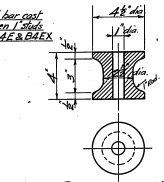
12 REQUIRED AS SHOWN – MARK B4

4	"	– "	B4E
12	"	WITHOUT ¾" SEATS – "	B4X
4	"	" " " "	B4EX



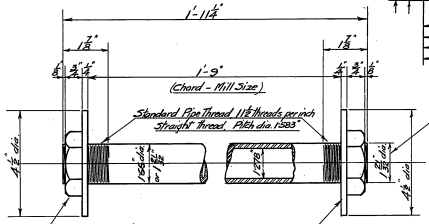
SEPARATOR – MARK S1

166 REQUIRED – CAST IRON.



SEPARATOR – MARK S2

24 REQUIRED – CAST IRON.

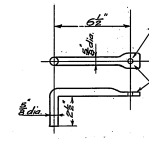


LOWER CHORD FASTENING – STEEL

Scale Half Size.

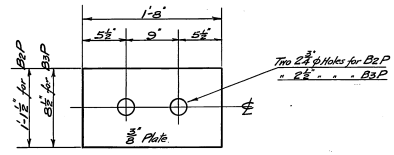
200 SETS REQUIRED COMPLETE. – INCLUDING

200 Pcs. 1¼" Standard "Extra Strong" Black Pipe.
400 – 1⅞" Round Plate Washers as above
400 – Hex. Machine Nuts, as above.



ANGLE-BLOCK HOOK.

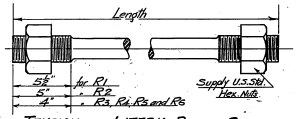
7 REQUIRED – STEEL.



BED PLATES FOR ANGLE BLOCKS – STEEL.

12 REQUIRED, 13½"×⅜"×20" with 2-2¾" ϕ holes – Mark B2P

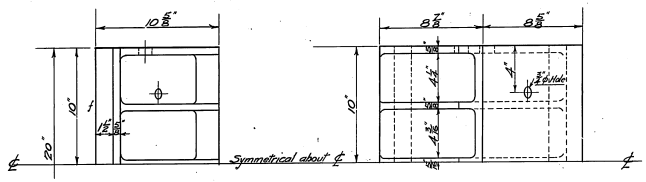
16 " 8½"×⅜"×20" " 2-2⅝" ϕ " " B3P



TENSION AND LATERAL RODS – STEEL.

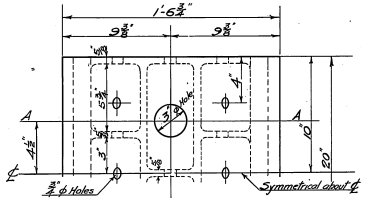
8	REQUIRED – 2" dia. Upset to 2½" dia –	21'-11" long –	Mark R1	
2	"	1⅞" " " 2¼" "	21'-10"	" R2
2	"	1⅞" " " 1½" "	21'-9"	" R3
4	"	1¼" " " 1⅜" "	21'-8½"	" R4
4	"	1" " " 1⅛" "	22'-1"	" R5
2	"	1" " " 1⅛" "	22'-0"	" R6

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.
The surfaces of Angle Blocks bearing on Steel plates to be dressed smooth, square and true.
f indicates surfaces to be machined.
Paint material on this sheet one shop coat Red Lead except castings and Chord Fastenings.

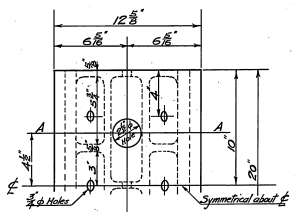


HALF END ELEVATION

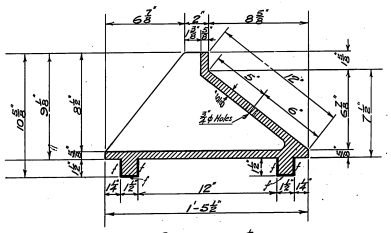
HALF PLAN



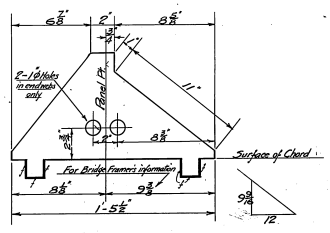
HALF PLAN



HALF PLAN



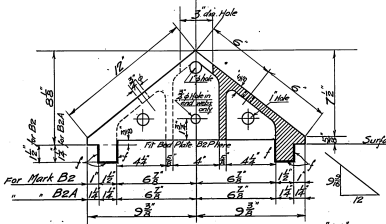
SECTION AT ℄.



ELEVATION

ANGLE BLOCK – MARK B1

4 REQUIRED – CAST IRON.

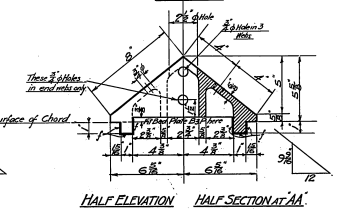


HALF ELEVATION HALF SECTION AT AA

ANGLE BLOCK – CAST IRON.

4 REQUIRED – MARK B2

8 " " B2A



HALF ELEVATION HALF SECTION AT AA

ANGLE BLOCK – MARK B3

16 REQUIRED – CAST IRON.

120' SPAN
THROUGH HOWE TRUSS.
WITH LAMINATED CHORDS.
16' ROADWAY.

DETAILS OF IRONWORK.

Scales, 1½" and 3" = 1'-0"

Formerly Std. Bridges 178 A - 3

GOVT. of BRITISH COLUMBIA
DEPT. of PUBLIC WORKS
VICTORIA

TRACED BY		DRAWING No.
CHECKED BY	C.A.F.Sturgess	2059-3
APPROVED BY	G.H.Duncan Feb. 1934	
APPROVED		
	ASST. CHIEF ENGINEER	

MADE BY J.T. Hepburn Jan. 1934.

STANDARD ISO. CREAM LIMIT, HOWE TRUSS - B.C.D. STANDARD - LAMINATED CHORDS

51832