1 Girder 4G1

7/16" Camber.

End Stiffs + Fills
1L 4 - 6 × 3/8 × 4'-11 1/2" (1) sbm
1L do (1) sbo
1L do (1) sbo
1L do (1) sbp
2 Fill 12" × 3/8 × 3'-8 1/2" (2) fbm

1 PL 18 × 7/16 × 1'-3 1/2" (1) paf B.S.

1 PL 18 × 7/16 58'-2" (1) and 30'-0"

1 PL 18 × 7/16 × 29'-10 1/2" (1) and 30'-0"

2 L 8" × 8" × 9/16 × 52'-7 3/4" (2)

1 Web PL 60" × 3/8 × 31'-5 1/4" (1)

2 L 8" × 8" × 7/16 × 55'-2" (2)

55'-3 7/16"

55'-1 7/16" B to B Brgs at Bot.

Shelf Ls Gr. D.S.
Legs 2" Space Holes Adj 1'-0"
1L 3/8 × 3 1/2 × 5/16 × 0'-6 1/2" (1) acm
1L do. 0'-7 1/2" (1) acn
1L do. 2'-2" (2) aco
1L do. 2'-2" (2) acp
1L do. 4'-8" (2) acs
1L do. 3'-10" (1) acv
1L do. 0'-9" (1) acw
1L do. 4'-2" (1) acx
1L do. 2'-2 3/4" (1) act
1L do. 1'-1" (1) acu

These holes to be subpunched 1/2" small and reamed in field after erected

1 PL 18 × 1 1/2 × 1'-6" (1) Planed Bev.

1 PL 18 × 7/16 × 41'-5 1/2" (1)

4'-2 11/16"

1 PL 15 × 4 3/8 × 1'-5" (1) Plane Bev.

1 Web PL 60" × 3/8 × 23'-9 1/2" (1)

End Stiffs + Fills
1L 6 - 6" × 7/16 × 0'-10 1/2" (12) Bolt or Grmp aco H.S.
1L 4 - 6" × 3/8 × 4'-11 1/2" (1) sk H.S. acp F.S.
1L do - 4'-11 1/2" (1) sl F.S.
2 Fills 7" × 9/16 × 3'-8 1/2" (2) fa

Sect @ A
Sect @ X

Note
All stiffeners to bear on bottom flg. L
Surfaces in contact 1 Coat Paint
All Floor Beam connections subpunched
1/16" small and reamed to size.

{1 PL 13 3/4" × 3/8 × 3'-2 1/2" (3) pa}
Cord. 20 × 3/8 Cut 2.
2 L 3 1/2 × 3 × 3/8 × 0'-6 1/2" (10) ad
2 L 3 × 3 1/2 × 3/8 × 2'-11 3/4" (10) ad
2 L 3 × 3 × 9/16 × 0'-11" (10) ae
1 Fill 13 × 3/8 × 0'-8 (6) fb
2 L 3 × 3 1/2 × 7/16 × 40'-9 1/2" (10) af B.S.
1 Fill 3 × 3/8 × 0'-5" (5) fak
1 " 3 1/2 × 3/8 × 0'-3 1/2" (5) fay

Sect @ B

Sect @ G

Note: No Paint on + below these lines full length of Girder except 1 Coat to cover Beam conn.+ one Coat on ends of Girders. Surfaces in Contact 1 Coat Paint.

Sect "E"

Sect "D"

WISCONSIN BRIDGE & IRON CO.
NORTH MILWAUKEE, WISCONSIN

CONTRACT NO. 9199 ERECTED BY W.B. & I. Co.
FOR CITY OF DETROIT MICH. DEPT. OF PUBLIC WORKS
LOCATION VERMONT AVE. & M.C.R.R. DETROIT
DESCRIPTION HIGHWAY VIADUCT
DETAILS OF GIRDER
SPECIFICATIONS MICH. STATE HIGHWAY
INSPECTION BY PITTSBURG TESTING LAB. See Note
SHOP PAINT 1 coat Red Lead Per Specifications
FIELD PAINT By others
RIVETS 3/4 OPEN HOLES 13/16 EXCEPT AS NOTED
MADE BY W.L. GIBSON DATE 10-7-20
TRACED BY A.H. DATE 10-22-20
CHECKED BY DATE

SCALE 3/4" = 1'-0" SECTION
DATE REVISED
CONT. NO. 9199
SHEET NO. 4