Cov. Pl. - 18 3/32 × 14-6 3/8"

Fill - 10 × 5/16 × 10 1/2" at

Holes for 3/4" oil pipe

1/16 cov. pl.

12 3/8 5 of 2 = 10 | 5 at 2 1/4 = 11 1/4 | 8 of 3 = 2'-0" | 12 3/8 4 of 3 = 1'-0" | 3 | 3 3/4 | 3 3/4 | 3 3/8 | 3 | 3 | 3 3/4 | 4 1/2

5 13/16 not less for cov. pl. & flge L

15'-6" c to c of Trusses

7-3 1/4"

14'-6 1/2" b to b of L's

2'-6"

5'-3"

Symm about cen. line except for rope control device and for holes in flanges for oil pipe

End X

Hole gage G.S. legs 3"

Hole for 1" wire rope this half only

These L's on this half of girder only

Base of Rail

RT

7 of 4 = 2'-4"

4-0 1/2" b to b of L's

Web must not run over

12 of 2 3/4 = 2'-9"

Bolt 1/2" pl. between L's while riveting

Exact

Punching for ag & da

Punch Holes 1 1/8" and ream to match holes in W2, sh #3

Exact

6 of 2 3/4 = 1'-8 3/4" | 10"

20 of 2" | 3 | 4

16'-4 1/2" b to b of L's

2'-10"

8 of 3 = 2'-0" | 2 3/8 4 of 3 = 1'-0" | 3 3/4 | 3 3/8 | 6 3/8 | 3 | 2 1/4 | 4 | 3 3/4 | 2 1/4 | 2 1/4 | 3 3/8 | 4 | 2 1/4

3 3/4 | 4 | 5 3/4

12" 12"

10 | 10

ang L

ang L

ang L

Holes for 3/4" oil pipe barrel

Punch holes 1 1/8" and ream to match holes in CG, sh #3

Gov. Pl. - 18 × 3/4" - 11'-0"

CROSS GIRDER CG

2 - L's - 8 × 6 × 3/4 × 14-6 3/8

2 " 8 × 6 × 3/4 × 16-4 1/2

1 - Pl. - 18 × 5/8 × 16-4 1/2

Rev. 7-1-15

P41 P40 P40 P41 P40 P40 P41

32 32 32 32 32 32

5'-0" c to c 4 at 4'-6"

6-3 1/16"

5'-0 15/16"

5-12

7"

15"

2"

1/2

10 5/16"

L - 3 1/2 × 3 3/8

DI

P1 - 11 3/8 × 1-3 1/2 P40

Fill - 3 × 3/8 × 1-3 1/2 aa bolt to ship to P40

8 of 1-3 3/8" = 10'-3"

S4

8 of 1-3 3/8" = 10'-3"

21'-8 5/16" b to b of L's

12 of 4 = 4'-0"

10'-10 5/32"

12 of 2 = 2'-0"

16 of 3 = 4'-0"

P40 S4 P41 P40 P40 S4 P41 P40 P40 P41

33 33

8 of 1-3 3/8" = 10'-3"

S3

P1 - 11 3/8 × 5/16 × 1-11 P41

Fill - 3 × 5/16 × 1-11 aa bolt to ship to P41

5-12

Holes in top flanges use 3/4" bolts in the corner

S3 is symm about ℄ except as shown for punching for top flanges in sketch

2-L's - 6 × 6 × 1/2 × 2-2 1/4 angle

2-Pl's - 7 × 2 × 1-3 angle

4-L's - 6 × 6 × 1/2 × 21-8 5/16" Fin.

1-Pl - 27 × 3/8 × 21-8 5/16"

7'-2 5/16"

3-7 27/32

S3

STRINGERS S3 & S4

Bottom View of S4 is opp. hand to S3

REQUIRED		
1	CROSS GIRDER	CG
4	STRINGERS	S3
4	do	S4
24	LATERALS	DI
10	PLATES	P40
16	do	P41

NOTES. MATERIAL, Struct. O. H. Steel
SPECIFICATIONS, A.R.E.&M.of W.A. 1910
INSPECTION, Hildreth & Co.
ERECTION, A. B. Co.
RIVETS 7/8 dia.
OPEN HOLES 13/16 dia. unless noted
REAMING: Holes marked RT to be punched 1/8 dia. and reamed to 7/8 dia. with a metal templet
SHOP BILL PAGE NO. 515-16

Ferrocarril del Pacifico, Colombia, S. A.
Bridge over Cauca River.
1 S. T. Thru Riv. Truss Draw Span
Center Bearing 174'-6 c to c End Wedges.
U. S. S. P. Co. X A B 3874
SCALE 1 in. = 1 ft.

AMERICAN BRIDGE CO.
AMBRIDGE PLANT
Dwgs made at Amobridge No. 2 In charge of R. A. M.
Detailed by G.W.S. Date 5/1/15 Checked by R.A.M. Date 6-9-15
Fld conn chk by E.M.D. Date 7-7-15
ORDER NO. D-3429 S. SHEET NO. 12