

367

2010 STANDARD PLAN S43

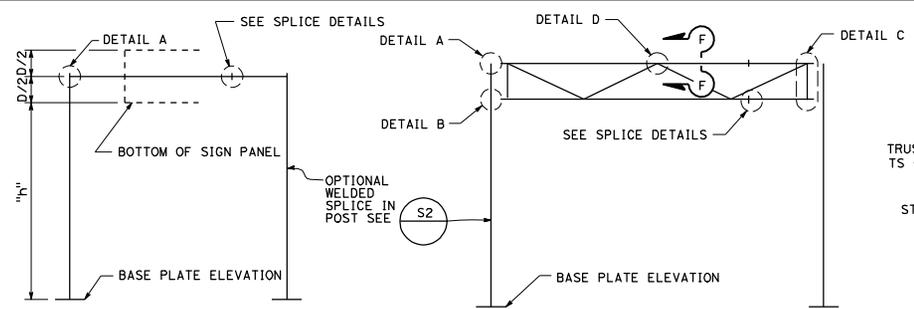
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

Stanley P. Johnson
REGISTERED CIVIL ENGINEER

Stanley P. Johnson
No. CS793
Exp. 3-31-12
CIVIL ENGINEER PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

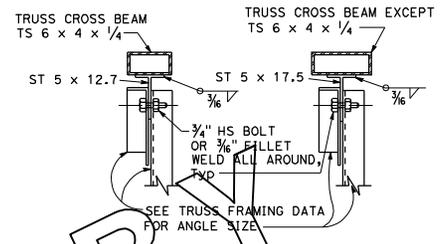
May 20, 2011
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

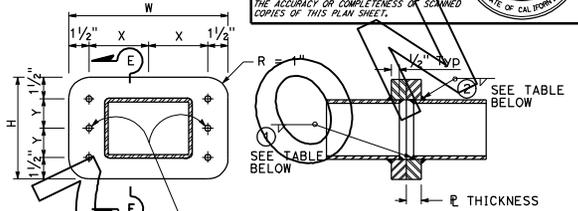


**SINGLE CROSS BEAM SERIES
TYPE A-1**

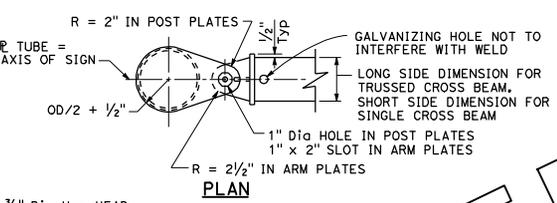
**TRUSS CROSS BEAM SERIES
TYPE A-2**



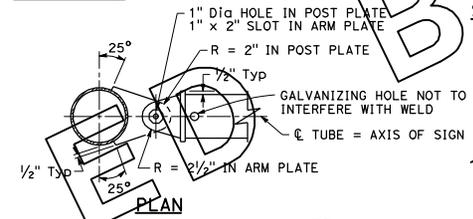
SECTION F-F



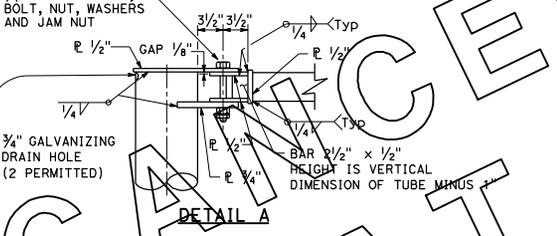
**END VIEW
SECTION E-E
SPLICE DETAILS**



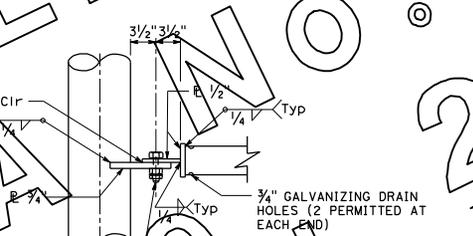
PLAN



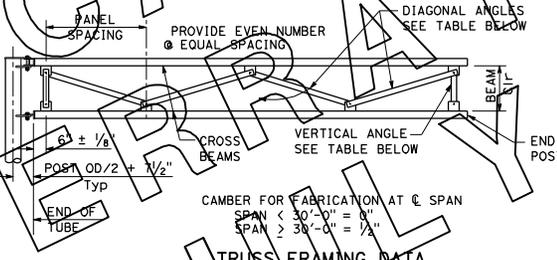
PLAN



DETAIL A



DETAIL B



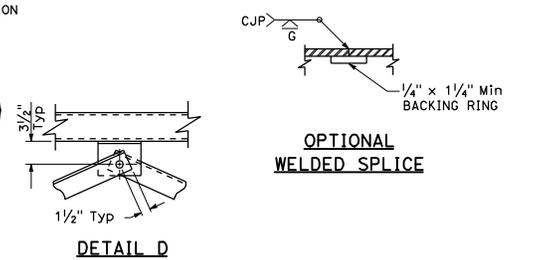
TRUSS FRAMING DATA

SIGN DEPTH	BEAM CLEARANCE	MAXIMUM PANEL SPACING	VERTICAL ANGLE	DIAGONAL ANGLE
40" TO 70"	2'-0"	5'-6"	L3/2 x 2/2 x 1/4 *	L3/2 x 2/2 x 1/4 *
80" TO 100"	4'-6"	6'-6"	L3/2 x 2/2 x 1/4 *	L3/2 x 2/2 x 1/4 *

* SHORT LEG OUTSTANDING.

TUBULAR CROSS BEAM SIZE	HIGH STRENGTH BOLTS		A-36 PLATES		WELDING				
	No.	SIZE	X	Y	W	H	THICKNESS	(1)	(2)
TS 6 x 4 x 1/4	4	4 1/4"	2"	11 1/2"	7"	1"	1"	3/8"	5/8"
TS 8 x 4 x 1/4	6	5 1/4"	2 1/2"	13 1/2"	8"	1 1/8"	1 1/8"	3/8"	5/8"
TS 8 x 6 x 1/4		4 1/4"	3 1/2"	11 1/2"	10"	1 1/8"	1 1/8"	1/2"	5/8"
TS 8 x 6 x 3/8 **		6 1/2"	2 1/2"	16"	8"	1 3/8"	1 3/8"	3/8"	3/4"
TS 10 x 6 x 1/4		6 1/2"	3"	16"	9"	1 3/8"	1 3/8"	3/8"	1/2"

** LONG DIMENSION VERTICAL FOR SINGLE CROSS BEAM



**OPTIONAL
WELDED SPLICE**

NOTES:
For post connection to base see (S48).
For cross beam to sign panel connections see (S46).

- SEE PROJECT PLANS FOR:
1. Sign type and location.
 2. Panel type and location on structure.
 3. Post size and dimension "h".
 4. Cross beam size.
 5. Foundation type.
 6. Illumination if required.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**OVERHEAD SIGNS-LIGHTWEIGHT
TYPE A
CONNECTION DETAILS**

NO SCALE

S43