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

Caltrans Metric

REGISTERED CIVIL ENGINEER

July 1, 1999
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Jeffrey B. Woody No. C41260 Exp. 3-31-03 CIVIL STATE OF CALIFORNIA

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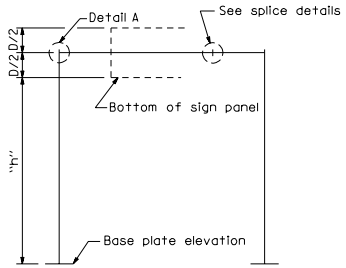
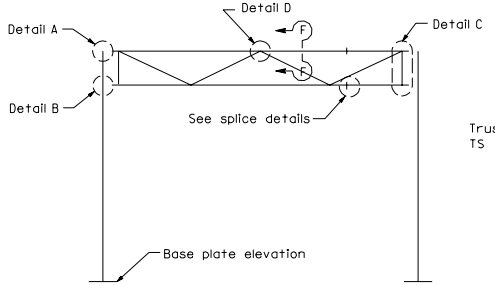
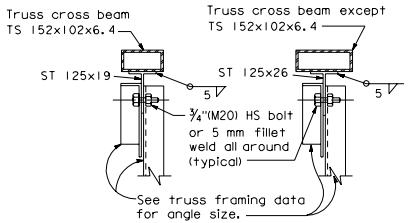


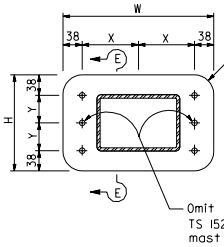
SINGLE CROSS BEAM SERIES
TYPE A-1



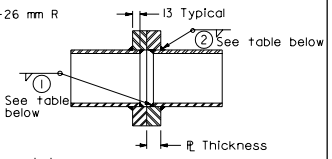
TRUSS CROSS BEAM SERIES
TYPE A-2



SECTION F-F

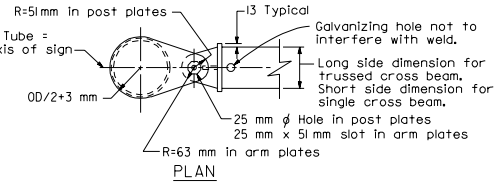


END VIEW

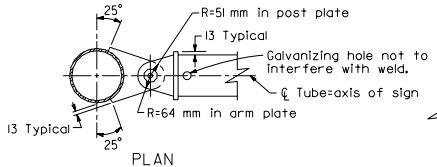


SECTION E-E

SPLICE DETAILS



PLAN



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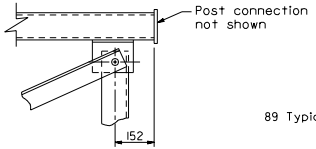
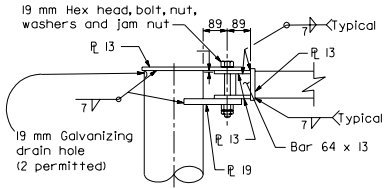
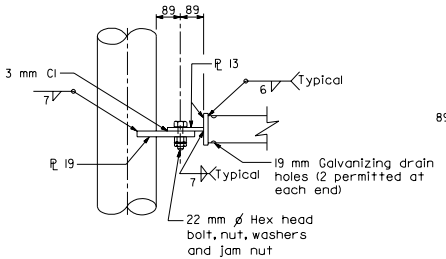




DETAIL A



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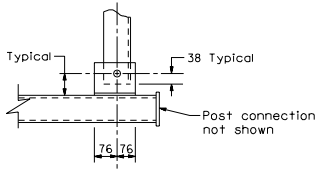

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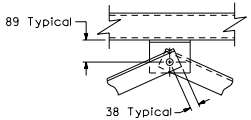

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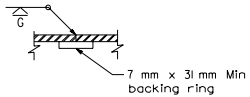
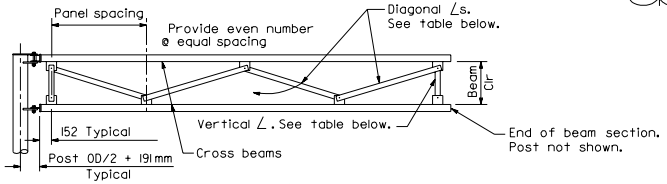


OPTIONAL
WELDED SPLICE



Camber for fabrication at ℄ span
Span < 9 m=0 mm
Span ≥ 9 m=13 mm

TRUSS FRAMING DATA

SIGN DEPTH (mm)	BEAM CLEARANCE (mm)	MAXIMUM PANEL SPACING (mm)	VERTICAL ANGLE (mm)	DIAGONAL ANGLE (mm)
1016-1778	610	1676	∠ 89x64x6.4 *	∠ 89x64x6.4 *
2032-2540	1372	1981	∠ 89x64x6.4 *	∠ 89x64x6.4 *

* Short leg outstanding.

SPLICE DATA

TUBULAR CROSS BEAM SIZE (mm)	HIGH STRENGTH BOLTS				A-36 PLATES (mm)			WELDING	
	NO.	SIZE	X (mm)	Y (mm)	W (mm)	H (mm)	THICK-NESS	1	2
TS 152x102x6.4	4	3/4" (M20)	108	51	292	178	25.4	5	8
TS 203x102x6.4	6	3/4" (M20)	133	51	343	178	25.4	5	8
TS 203x152x6.4	6	3/4" (M20)	133	64	343	203	29	5	10
TS 203x152x9.5	6	3/4" (M20)	108	89	292	254	29	7	8
TS 254x152x6.4	6	3/4" (M20)	165	64	406	203	35	5	10
TS 254x152x9.5	6	3/4" (M20)	165	76	406	229	41	8	13

NOTE

For post connection to base PL see S20A/A

For cross beam to sign panel connections see S18A

See Format sheet 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

ALL DIMENSIONS ARE IN
MILLIMETERS UNLESS OTHERWISE SHOWN

S15

1999 STD. PLAN S15