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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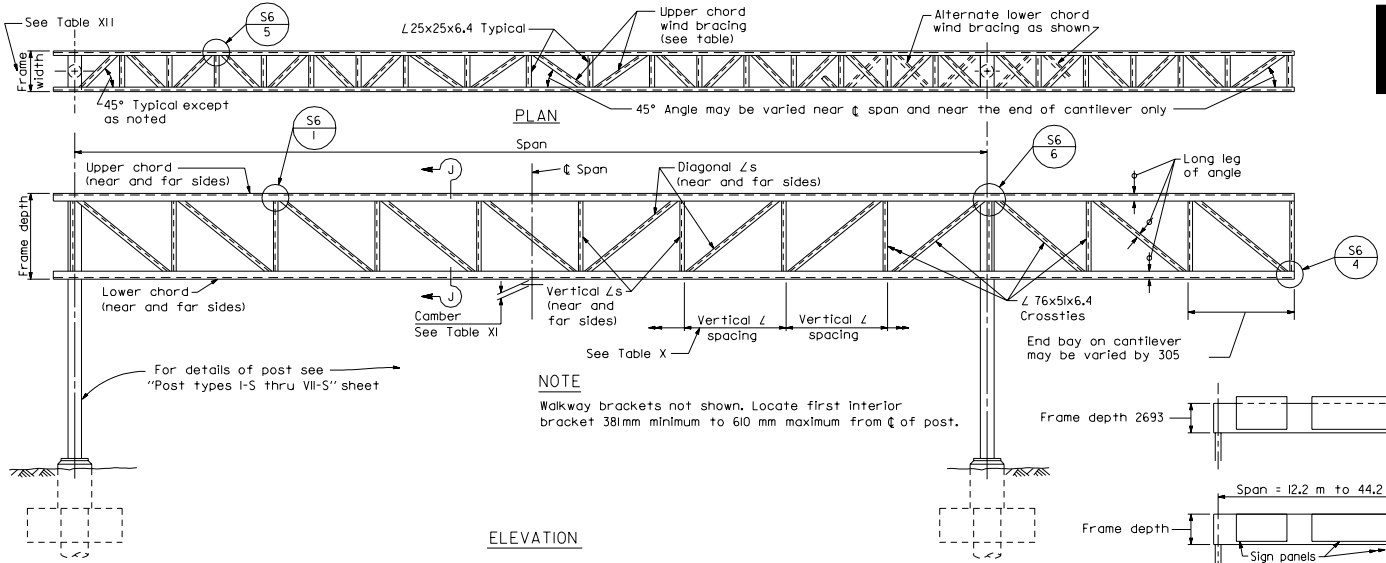
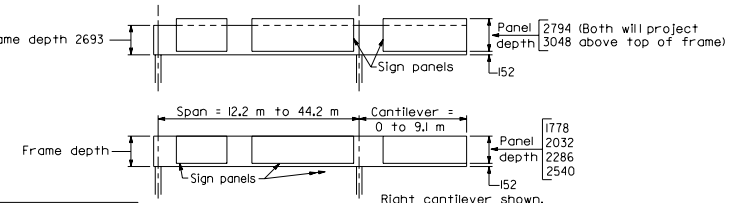


NOTE

Walkway brackets not shown. Locate first interior bracket 381mm minimum to 610 mm maximum from ℄ of post.



RANGE OF STRUCTURE SIZES

Span (m)	1778 mm Panel Depth					2032 mm Panel Depth					2286 mm Panel Depth				
	Frame Width (mm)	Chord L's	Vertical L's	Diagonal L's	Wind Bracing L's	Frame Width (mm)	Chord L's	Vertical L's	Diagonal L's	Wind Bracing L's	Frame Width (mm)	Chord L's	Vertical L's	Diagonal L's	Wind Bracing L's
12.2-15.4	610 *	127x89x7.9	76x76x6.4	76x76x6.4	32x32x6.4	610 *	127x89x7.9	76x76x6.4	76x76x6.4	32x32x6.4	610 *	127x89x7.9	76x76x7.9	76x76x7.9	32x32x6.4
15.5-18.5	610 *	127x89x7.9			32x32x6.4	610 *	127x89x7.9			32x32x6.4	610 *	127x89x7.9			32x32x6.4
18.6-21.5	762 †	127x89x7.9			32x32x6.4	762 †	127x89x7.9			32x32x6.4	762 †	127x89x7.9			32x32x6.4
21.6-24.6	762 †	152x102x9.5			32x32x6.4	762 †	152x102x9.5			32x32x6.4	915	152x102x9.5			38x38x6.4
24.7-27.6	915	152x102x9.5			38x38x6.4	915	152x102x9.5			38x38x6.4	915	152x102x9.5			44x44x6.4
27.7-30.7	915	152x102x9.5			38x38x6.4	915	152x102x9.5			38x38x6.4	915	152x102x9.5			44x44x6.4
30.8-33.7	915	178x102x12.7			44x44x6.4	915	178x102x12.7			44x44x6.4	915	178x102x12.7			44x44x6.4
33.8-36.8	915	178x102x12.7			44x44x6.4	915	178x102x12.7			44x44x6.4	915	203x102x12.7			44x44x6.4
36.9-40.4	915	203x102x12.7			44x44x6.4	915	203x102x12.7			44x44x6.4	1067	203x102x12.7			51x51x6.4
40.5-44.2	915	203x102x12.7			44x44x6.4	915	203x102x15.9			44x44x6.4	1067	203x102x15.9			51x51x6.4

Span (m)	2540 mm Panel Depth					2794 mm and 3048 mm Panel Depth				
	Frame Width (mm)	Chord L's	Vertical L's	Diagonal L's	Wind Bracing L's	Frame Width (mm)	Chord L's	Vertical L's	Diagonal L's	Wind Bracing L's
12.2-15.4	610 *	127x89x7.9	76x76x7.9	76x76x7.9	32x32x6.4	610 *	127x89x7.9	76x76x7.9	76x76x7.9	44x44x6.4
15.5-18.5	610 *	127x89x7.9			32x32x6.4	610 *	127x89x7.9			44x44x6.4
18.6-21.5	762 †	127x89x7.9			38x38x6.4	762 †	127x89x7.9			51x51x6.4
21.6-24.6	915	152x102x9.5			44x44x6.4	915	152x102x9.5			51x51x6.4
24.7-27.6	915	152x102x9.5			44x44x6.4	915	152x102x9.5			64x64x6.4
27.7-30.7	915	152x102x9.5			44x44x6.4	1067	152x102x9.5			64x64x6.4
30.8-33.7	1067	178x102x12.7			51x51x6.4	1067	178x102x12.7			64x64x6.4
33.8-36.8	1067	178x102x12.7			51x51x6.4	1067	203x102x12.7			76x76x6.4
36.9-40.4	1067	203x102x12.7			51x51x6.4	1067	203x102x15.9	89x89x7.9		76x76x6.4
40.5-44.2	1067	203x102x15.9			51x51x6.4	1067	229x102x15.9			76x76x6.4

TABLE XII

Panel Depth (mm)	Frame Depth (mm)	Max Vertical ∠ Spacing (mm)
1778	1931	1829
2032	2185	1829
2286	2439	2286
2540	2693	2286
2794	2693	2286
3048	2693	2286

TABLE X

Camber For Fabrication At ℄ Span	
Span (m)	Camber (mm)
12.19 - 15.24	13
15.25 - 30.48	26
30.49 - 44.20	38

Camber to approximate parabola.
Camber of cantilever arm = +13 mm for arms greater than 3.05 m.

TABLE XI

NOTES

Frame widths shown are nominal. These widths may be varied by 6 mm to standardize fabrication methods.

* Add 152 to frame width for post Types V-S and VI-s. Add 305 mm for post Type VII-S.

† Add 152 to frame width for post Type VII-S.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGNS-TRUSS TWO POST TYPE STRUCTURAL FRAME MEMBERS

NO SCALE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

S5

1999 STD. PLAN S5