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

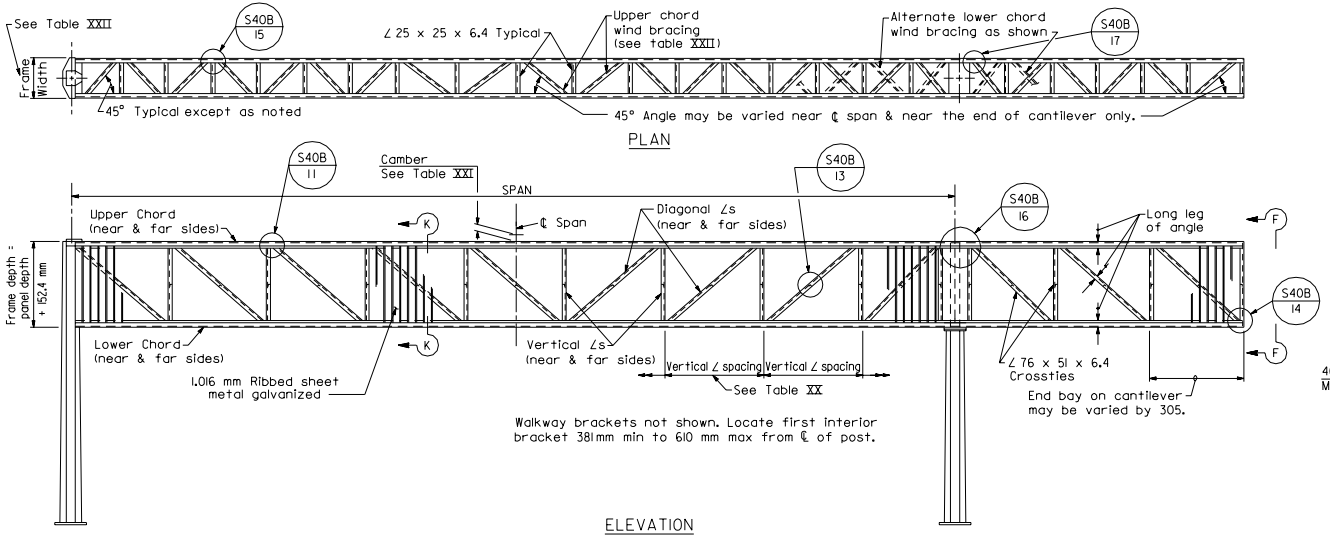
Caltrans Metric

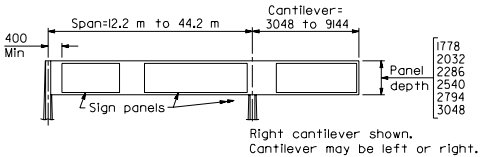
REGISTERED CIVIL ENGINEER

July 1, 1999
PLANS APPROVAL DATE

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

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.





RANGE OF STRUCTURE SIZES

TABLE XX

Panel Depth (mm)	Frame Depth (mm)	Max Vertical ∠ Spacing (mm)
1778	1931	1829
2032	2185	1829
2286	2439	2286
2540	2693	2286
2794	2947	3048
3048	3201	3048

TABLE XXI

Fabrication Camber At ℄ Span	
Span (m)	Camber (mm)
12.2 - 21.5	25
21.6 - 30.7	45
30.8 - 36.8	57
36.9 - 44.2	70

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

Camber to approximate parabola.

NOTES

1. Frame widths shown are nominal. These widths may be varied by 6 mm to standardize fabrication methods.
2. For View F-F see S40D
3. For Section K-K see S40B
4. For Foundation details see S39
5. For General Notes see S1

TABLE XXII

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	127x76x11.1	76x76x7.9	76x76x6.4	38x38x6.4	610	127x76x11.1	76x76x7.9	76x76x6.4	38x38x6.4	610	127x76x11.1	76x76x7.9	76x76x7.9	38x38x6.4
15.5-18.5		127x76x11.1					127x76x11.1					127x76x11.1			
18.6-21.5		127x76x11.1					127x76x11.1					127x76x11.1			
21.6-24.6		127x76x11.1					127x76x11.1					127x89x12.7			
24.7-27.6		127x89x12.7					127x89x12.7					127x89x12.7			
27.7-30.7		127x89x15.9					127x89x15.9					127x89x15.9			
30.8-33.7		152x102x14.3					152x102x14.3					152x102x14.3			
33.8-36.8		152x102x15.9					152x102x15.9					152x102x15.9			
36.9-40.4		178x102x19.0				762	178x102x15.9			51x51x6.4	762	178x102x15.9			51x51x6.4
40.5-44.2	762	178x102x19.0			51x51x6.4	762	178x102x19.0			51x51x6.4	762	178x102x19.0			51x51x6.4

Span (m)	2540 mm Panel Depth					2794 mm Panel Depth					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	Frame Width (mm)	Chord L's	Vertical L's	Diagonal L's	Wind Bracing L's
12.2-15.4	610	127x76x11.1	76x76x7.9	76x76x7.9	38x38x6.4	610	127x76x11.1	89x89x7.9	89x89x7.9	38x38x6.4	610	127x76x11.1	89x89x7.9	101.6x89x7.9	38x38x6.4
15.5-18.5		127x76x11.1					127x76x11.1					127x76x11.1			
18.6-21.5		127x76x11.1					127x76x11.1					127x89x12.7			
21.6-24.6		127x89x12.7					127x89x15.9					127x89x15.9			
24.7-27.6		127x89x15.9					152x102x14.3					152x102x14.3			
27.7-30.7		152x102x14.3					152x102x14.3					178x102x15.9			
30.8-33.7		152x102x15.9					178x102x15.9					178x102x19.0			51x51x6.4
33.8-36.8		178x102x19.0				762	178x102x15.9			51x51x6.4	762	203x102x19.0			51x51x6.4
36.9-40.4	762	178x102x19.0			51x51x6.4	762	178x102x19.0			51x51x6.4	762	203x102x19.0			51x51x6.4
40.5-44.2	762	203x102x19.0			51x51x6.4	762	203x102x22.2			51x51x6.4	762	203x102x22.2			51x51x6.4

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGNS-BOX BEAM CLOSED TRUSS-TWO POST TYPE FRAME MEMBERS

NO SCALE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

S40A

1999 STD. PLAN S40A