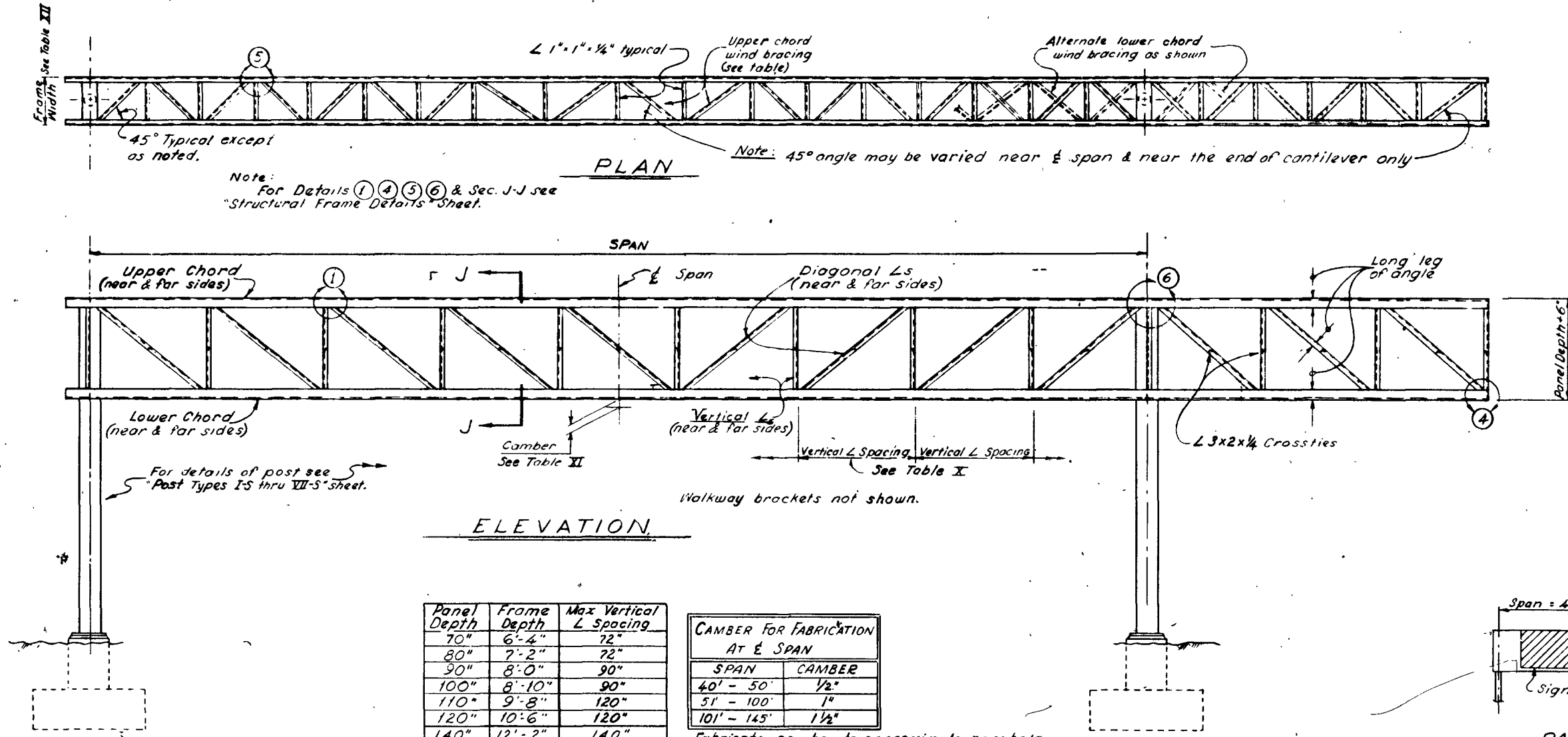




Panel Depth	Frame Depth	Max Vertical L Spacing
70"	6'-4"	72"
80"	7'-2"	72"
90"	8'-0"	90"
100"	8'-10"	90"
110"	9'-8"	120"
120"	10'-6"	120"
140"	12'-2"	140"

CAMBER FOR FABRICATION AT E SPAN	
SPAN	CAMBER
40' - 50'	1/2"
51' - 100'	1"
101' - 145'	1 1/2"

Fabricate camber to approximate parabola. Camber of cantilever arm = +1/2" for arms greater than 10'.

TABLE X

TABLE XI

SPAN	70' PANEL DEPTH					80' PANEL DEPTH					90' PANEL DEPTH					100' PANEL DEPTH				
	FRAME WIDTH	CHORD L's	VERTICAL L's	DIAGONAL L's	WIND BRACING	FRAME WIDTH	CHORD L's	VERTICAL L's	DIAGONAL L's	WIND BRACING	FRAME WIDTH	CHORD L's	VERTICAL L's	DIAGONAL L's	WIND BRACING	FRAME WIDTH	CHORD L's	VERTICAL L's	DIAGONAL L's	WIND BRACING
40'-50'	2'-0" @ 2'-0"	5 x 3 1/2 x 5/16	3 x 3 x 1/4	3 x 3 x 1/4	1/4 x 1 1/4 x 1/4	2'-0" @ 2'-0"	5 x 3 1/2 x 5/16	3 x 3 x 1/4	3 x 3 x 1/4	1/4 x 1 1/4 x 1/4	2'-0" @ 2'-0"	5 x 3 1/2 x 5/16	3 x 3 x 5/16	3 x 3 x 5/16	1/4 x 1 1/4 x 1/4	2'-0" @ 2'-0"	5 x 3 1/2 x 5/16	3 x 3 x 5/16	3 x 3 x 5/16	1/4 x 1 1/4 x 1/4
51'-60'	2'-0" @ 2'-0"	5 x 3 1/2 x 5/16			1/4 x 1 1/4 x 1/4	2'-0" @ 2'-0"	5 x 3 1/2 x 5/16			1/4 x 1 1/4 x 1/4	2'-0" @ 2'-0"	5 x 3 1/2 x 5/16			1/4 x 1 1/4 x 1/4	2'-0" @ 2'-0"	5 x 3 1/2 x 5/16			1/4 x 1 1/4 x 1/4
61'-70'	2'-6" @ 2'-6"	5 x 3 1/2 x 5/16			1/4 x 1 1/4 x 1/4	2'-6" @ 2'-6"	5 x 3 1/2 x 5/16			1/4 x 1 1/4 x 1/4	2'-6" @ 2'-6"	5 x 3 1/2 x 5/16			1/4 x 1 1/4 x 1/4	2'-6" @ 2'-6"	5 x 3 1/2 x 5/16			1/2 x 1 1/2 x 1/4
71'-80'	2'-6" @ 2'-6"	6 x 4 x 3/8			1/4 x 1 1/4 x 1/4	2'-6" @ 2'-6"	6 x 4 x 3/8			1/4 x 1 1/4 x 1/4	3'-0" @ 3'-0"	6 x 4 x 3/8			1/2 x 1 1/2 x 1/4	3'-0" @ 3'-0"	6 x 4 x 3/8			1/4 x 1 3/4 x 1/4
81'-90'	3'-0" @ 3'-0"	6 x 4 x 3/8			1/2 x 1 1/2 x 1/4	3'-0" @ 3'-0"	6 x 4 x 3/8			1/2 x 1 1/2 x 1/4	3'-0" @ 3'-0"	6 x 4 x 3/8			1/4 x 1 3/4 x 1/4	3'-0" @ 3'-0"	6 x 4 x 3/8			1/4 x 1 3/4 x 1/4
91'-100'	3'-0" @ 3'-0"	6 x 4 x 3/8			1/2 x 1 1/2 x 1/4	3'-0" @ 3'-0"	6 x 4 x 3/8			1/2 x 1 1/2 x 1/4	3'-0" @ 3'-0"	6 x 4 x 3/8			1/4 x 1 3/4 x 1/4	3'-0" @ 3'-0"	6 x 4 x 3/8			1/4 x 1 3/4 x 1/4
101'-110'	3'-0" @ 3'-0"	7 x 4 x 7/16			1/4 x 1 3/4 x 1/4	3'-0" @ 3'-0"	7 x 4 x 7/16			1/4 x 1 3/4 x 1/4	3'-0" @ 3'-0"	7 x 4 x 7/16			1/4 x 1 3/4 x 1/4	3'-6" @ 3'-6"	7 x 4 x 7/16			2 x 2 x 1/4
111'-120'	3'-0" @ 3'-0"	7 x 4 x 7/16			1/4 x 1 3/4 x 1/4	3'-0" @ 3'-0"	7 x 4 x 7/16			1/4 x 1 3/4 x 1/4	3'-0" @ 3'-0"	8 x 4 x 1/2			1/4 x 1 3/4 x 1/4	3'-6" @ 3'-6"	7 x 4 x 7/16			2 x 2 x 1/4
121'-132'	3'-0" @ 3'-0"	8 x 4 x 1/2			1/4 x 1 3/4 x 1/4	3'-0" @ 3'-0"	8 x 4 x 1/2			1/4 x 1 3/4 x 1/4	3'-6" @ 3'-6"	8 x 4 x 1/2			2 x 2 x 1/4	3'-6" @ 3'-6"	8 x 4 x 1/2			2 x 2 x 1/4
133'-145'	3'-0" @ 3'-0"	8 x 4 x 1/2			1/4 x 1 3/4 x 1/4	3'-0" @ 3'-0"	8 x 4 x 1/2			1/4 x 1 3/4 x 1/4	3'-6" @ 3'-6"	8 x 4 x 1/2			2 x 2 x 1/4	3'-6" @ 3'-6"	8 x 4 x 1/2			2 x 2 x 1/4

SPAN	110' PANEL DEPTH					120' PANEL DEPTH					140' PANEL DEPTH				
	FRAME WIDTH	CHORD L's	VERTICAL L's	DIAGONAL L's	WIND BRACING	FRAME WIDTH	CHORD L's	VERTICAL L's	DIAGONAL L's	WIND BRACING	FRAME WIDTH	CHORD L's	VERTICAL L's	DIAGONAL L's	WIND BRACING
40'-50'	2'-0" @ 2'-0"	5 x 3 1/2 x 5/16	3 1/2 x 3 1/2 x 5/16	3 1/2 x 3 1/2 x 5/16	1/4 x 1 1/4 x 1/4	2'-0" @ 2'-0"	5 x 3 1/2 x 5/16	3 1/2 x 3 1/2 x 5/16	4 x 3 1/2 x 5/16	1/4 x 1 1/4 x 1/4	2'-6" @ 2'-6"	5 x 3 1/2 x 5/16	3 1/2 x 3 1/2 x 5/16	4 x 3 1/2 x 5/16	1/4 x 1 1/4 x 1/4
51'-60'	2'-6" @ 2'-6"	5 x 3 1/2 x 5/16			1/4 x 1 1/4 x 1/4	2'-6" @ 2'-6"	5 x 3 1/2 x 5/16			1/2 x 1 1/2 x 1/4	2'-6" @ 2'-6"	5 x 3 1/2 x 5/16			1/4 x 1 1/4 x 1/4
61'-70'	3'-0" @ 3'-0"	5 x 3 1/2 x 5/16			1/2 x 1 1/2 x 1/4	3'-0" @ 3'-0"	6 x 4 x 3/8			1/4 x 1 3/4 x 1/4	3'-0" @ 3'-0"	6 x 4 x 3/8			1/2 x 1 1/2 x 1/4
71'-80'	3'-6" @ 3'-6"	6 x 4 x 3/8			2 x 2 x 1/4	3'-6" @ 3'-6"	6 x 4 x 3/8			2 x 2 x 1/4	3'-6" @ 3'-6"	6 x 4 x 3/8			2 x 2 x 1/4
81'-90'	3'-6" @ 3'-6"	6 x 4 x 3/8			2 x 2 x 1/4	3'-6" @ 3'-6"	6 x 4 x 3/8			2 x 2 x 1/4	3'-6" @ 3'-6"	6 x 4 x 3/8			2 x 2 x 1/4
91'-100'	3'-6" @ 3'-6"	6 x 4 x 3/8			2 x 2 x 1/4	3'-6" @ 3'-6"	7 x 4 x 7/16			2 x 2 x 1/4	3'-6" @ 3'-6"	7 x 4 x 7/16			2 x 2 x 1/4
101'-110'	3'-6" @ 3'-6"	7 x 4 x 7/16			2 x 2 x 1/4	3'-6" @ 3'-6"	7 x 4 x 7/16			2 x 2 x 1/4	3'-6" @ 3'-6"	7 x 4 x 7/16			2 x 2 x 1/4
111'-120'	3'-6" @ 3'-6"	8 x 4 x 1/2			2 x 2 x 1/4	3'-6" @ 3'-6"	8 x 4 x 1/2			2 1/2 x 2 1/2 x 1/4	3'-6" @ 3'-6"	8 x 4 x 1/2			2 1/2 x 2 1/2 x 1/4
121'-132'	3'-6" @ 3'-6"	8 x 4 x 1/2			2 1/2 x 2 1/2 x 1/4	3'-6" @ 3'-6"	8 x 4 x 1/2			2 1/2 x 2 1/2 x 1/4	3'-6" @ 3'-6"	8 x 4 x 1/2			2 1/2 x 2 1/2 x 1/4
133'-145'	3'-6" @ 3'-6"	8 x 4 x 1/2			2 1/2 x 2 1/2 x 1/4	3'-6" @ 3'-6"	8 x 4 x 1/2			2 1/2 x 2 1/2 x 1/4	3'-6" @ 3'-6"	8 x 4 x 1/2			2 1/2 x 2 1/2 x 1/4

TABLE XII

- ① Add 6" to frame width for Post Type I-S and VII-S; Add 1'-0" for Post Type VIII-S.
- ② Add 6" to frame width for Post Type III-S.

107V 3834

STATE OF NEVADA
DEPARTMENT OF HIGHWAYS

OVERHEAD SIGN DETAILS
TWO POST TYPE 13/
STRUCTURAL FRAME MEMBERS

STANDARD SHEET

59265