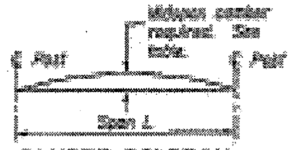
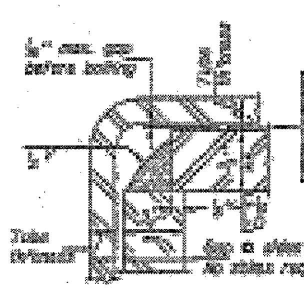
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



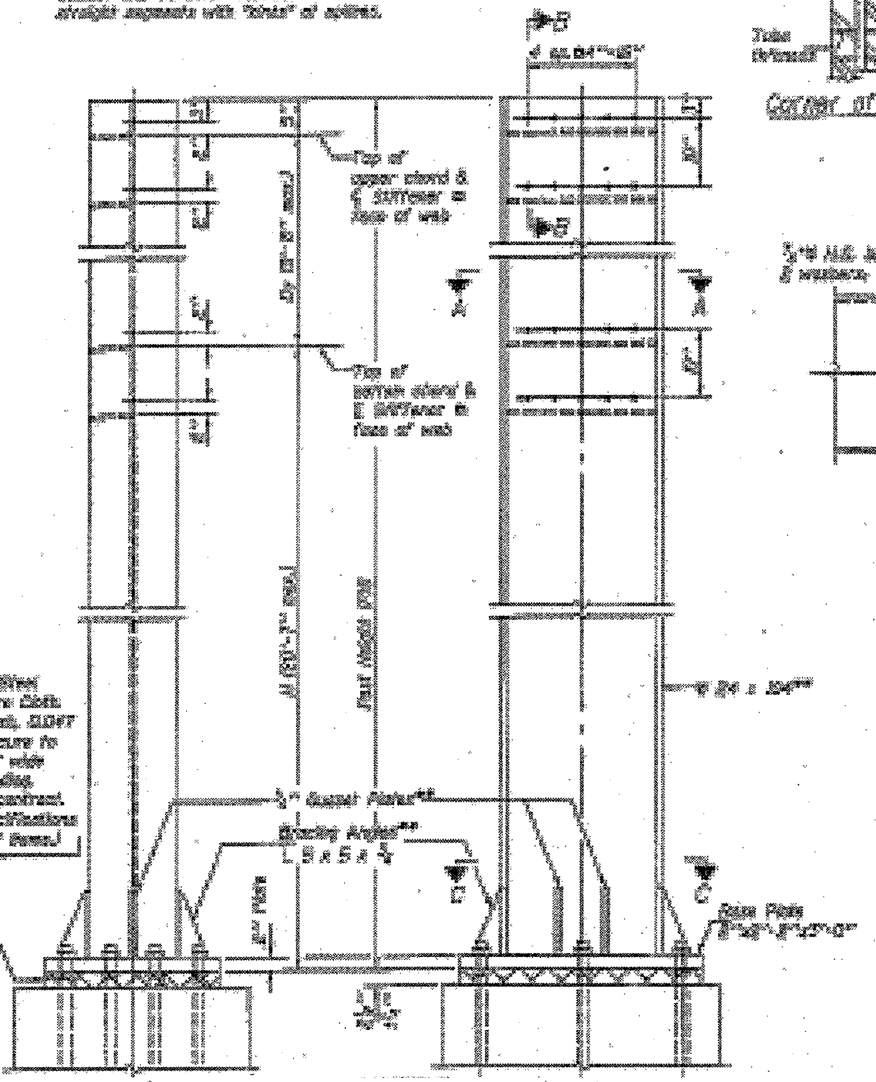
CAMBER DIAGRAM

Camber may be either continuous curve or straight segments with "kinks" at splices.



Corner of Chord Splice

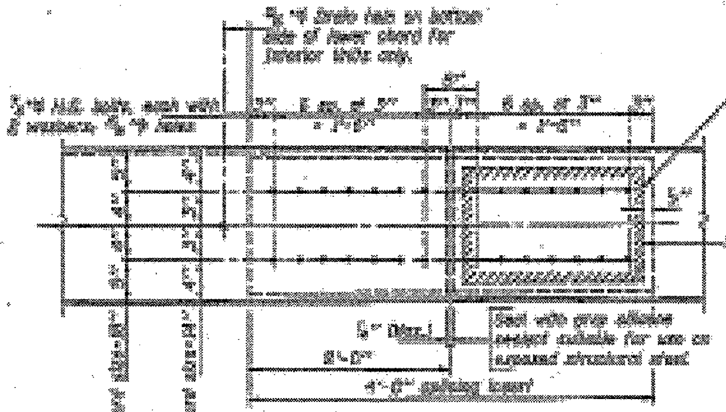
Span L	Camber at Midspan	Chord **	Vertical **	Post **
Up to 50'	2"	TS 14 x 6 x 5/16	TS 10 x 6 x 5/16	W 24 x 104
51' to 70'	4"	TS 14 x 6 x 5/16	TS 10 x 6 x 5/16	W 24 x 104
71' to 80'	4"	TS 14 x 6 x 5/16	TS 10 x 6 x 5/16	W 24 x 104
81' to 90'	6"	TS 18 x 6 x 1/2	TS 14 x 6 x 5/16	W 24 x 104
91' to 100'	6"	TS 18 x 6 x 1/2	TS 14 x 6 x 5/16	W 24 x 104
101' to 110'	8"	TS 18 x 6 x 5/8	TS 14 x 6 x 1/2	W 24 x 104
111' to 124'	8"	TS 18 x 6 x 5/8	TS 14 x 6 x 1/2	W 24 x 104



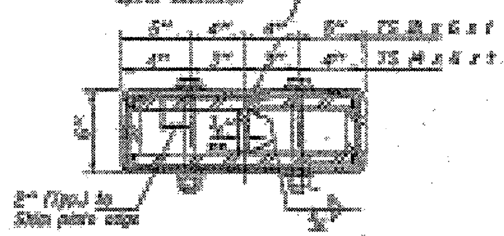
END ELEVATION

SIDE ELEVATION

POST



PLAN VIEW of CHORD SPLICE

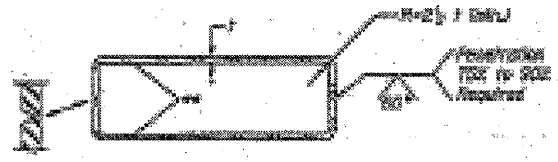


SECTION THRU SPLICE

Provide 1/8" and 1/4" thick shim plates each side of each joint for 1/8" maximum clearance top & bottom before bolting. ASTM A606, A607, A570 or similar.

Sign Structure Number	Station	Span L	D1	Camber @ Midspan	Exterior Unit Lgth.	Interior Unit Lgth.	No. of Panels	Panel Space (P)	Chord Size	Vertical Size	End Space Dim. E	Left Post Dim. H	FH Left	Right Post Dim. H	FH Right

** Indicates CVN test req'd. See General Notes on Sheet OS-S-1.



ALTERNATE BUILT-UP TUBE

Width, depth and thickness shall be as indicated for TS members shown in table.

OVERHEAD SIGN STRUCTURES
POST and CHORD DETAILS

Note: See Sheet OS-S-3 for Sections A-A, B-B and C-C.

OS-S-2 SPECIAL