

STATIC SIGN BRIDGE

NOTES

1. THE MAXIMUM SIGN PANEL OVERLAP ONTO ELBOW SHALL NOT EXCEED 6'-0" FROM THE FIELD SPLICE.
2. WHEN SEVERAL SIGN PANELS ARE TO BE INSTALLED WITH A SPACE BETWEEN THE PANELS, THE SPACE SHALL BE AS SMALL AS POSSIBLE AND 2'-0" MAXIMUM WITHOUT SAFETY CABLES.
3. ALL POSTS BETWEEN BASE PLATE AND FIELD SPLICE SHALL HAVE A TUBE WALL THICKNESS OF 1/2". ALL MAST ARMS SHALL HAVE A TUBE WALL THICKNESS OF 3/8".
4. BEFORE ANY PORTION OF THE SIGN FRAMES ARE ASSEMBLED IN THEIR FINAL POSITIONS THE CONTRACTOR SHALL DEMONSTRATE TO THE ENGINEER BY PREASSEMBLY OR OTHER APPROVED METHODS THAT THE SPAN LENGTHS OF THE FRAMES IN THE NO LOAD CONDITION MATCH WITHIN 1/2" OF THE FIELD MEASURED SPAN LENGTHS BETWEEN FOUNDATIONS.
5. IF THE SIGN FRAMES ARE ERECTED AS ONE UNIT, THEY SHALL BE ADEQUATELY SUSPENDED TO AVOID DISTORTIONS OR CHANGES IN SPAN LENGTH BETWEEN BASE PLATES.
6. FOR MAST ARMS WITH LENGTHS BETWEEN 40'-0" AND 80'-0" A BOLTED FIELD SPLICE WILL BE PERMITTED AT 1/2 OF THE ARM TO FACILITATE GALVANIZING AND HAULING OPERATIONS. FOR MAST ARMS WITH LENGTHS GREATER THAN 80'-0", TWO BOLTED FIELD SPLICES WILL BE PERMITTED AT THE 1/3 POINTS TO FACILITATE GALVANIZING AND HAULING OPERATIONS.
7. SEE SHEET 2 FOR FIELD SPLICE DETAILS.

* PIPE POST

PIPE OD (IN.)	"R" (FT.)	CAMBER TYPE
12.75	8	(A)
14	8	(A)
16	8	(B)
18	8	(C)
20	10	(C)
24	12	(D)

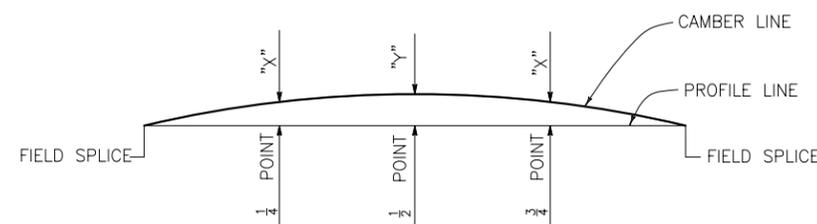
• USE CAMBER TYPE E FOR 130'-140'.

* MAST ARM DIAMETER SAME AS POST.

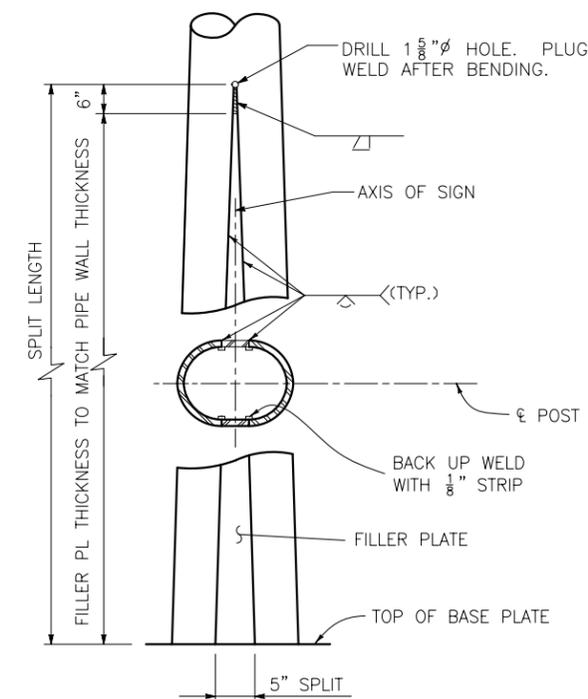
○ INDICATES CAMBER TYPE, SEE TABLE.

CAMBER

TYPE	"X"	"Y"
(A)	1 1/2"	2"
(B)	2 1/4"	3"
(C)	2 3/4"	4"
(D)	3 1/2"	5"
(E)	4 1/2"	6"



CAMBER DIAGRAM



POST SPLIT DETAILS

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**MONOTUBE
OVERHEAD SIGNS**
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 S-614-50
 Sheet No. 3 of 14