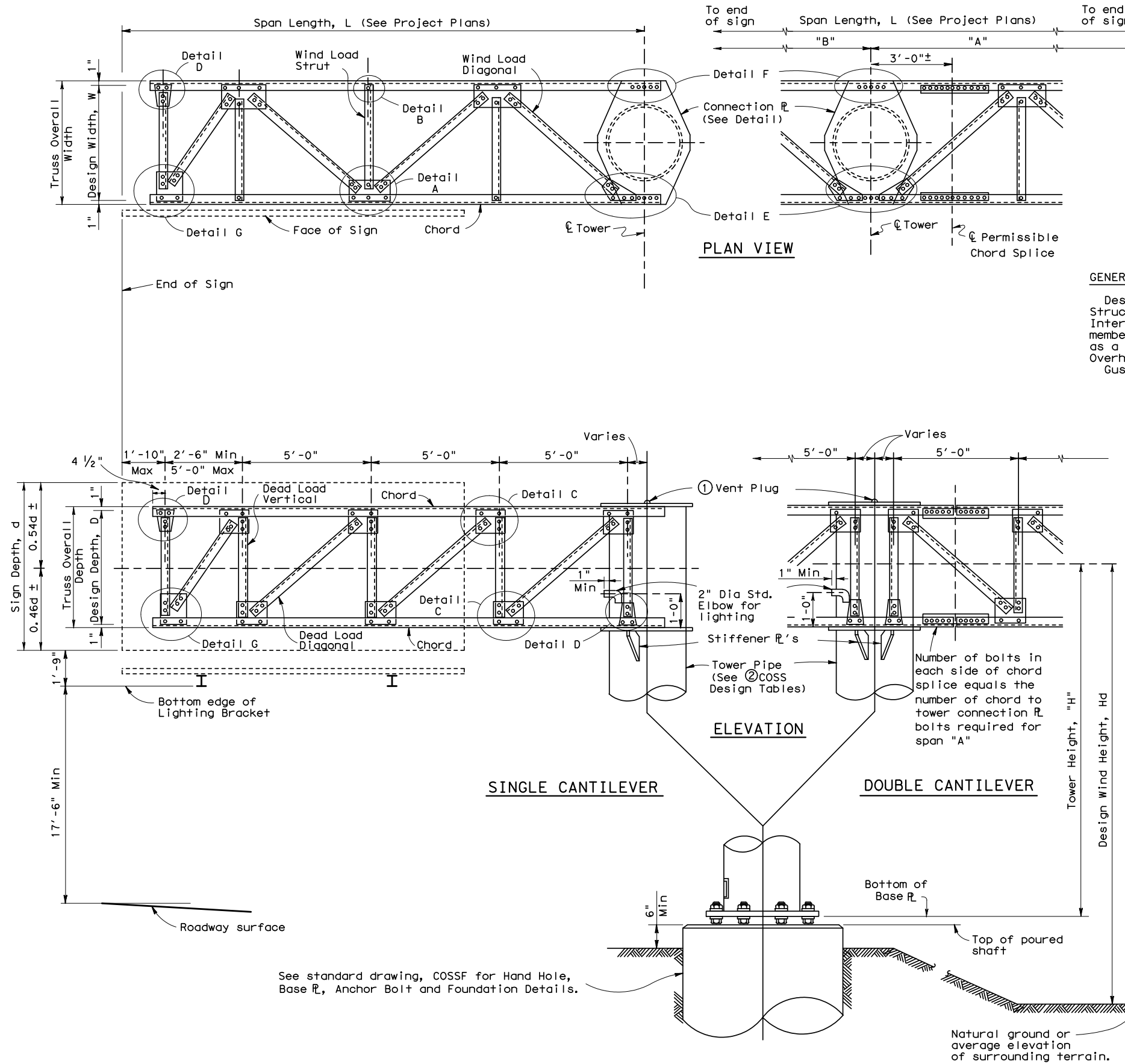


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GENERAL NOTES:

Design conforms to 1975 AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals and Interim revisions thereto. Connection details are typical only. Actual size of member and number of bolts will vary. The details on this sheet are intended as a guide only. See "Cantilever Overhead Sign Supports" or "High Level Cantilever Overhead Sign Supports" sheets for number of bolts and size of members. Gusset plates to be same thickness as thickest web member in connection.

① Note: Cap shall be solid steel sheet 3/8" nominal thickness. Drill, tap and plug galvanizing vent. Weld plate to pipe with 3/8" weld all around.

② For COSS design tables see standard drawing, "Cantilever Overhead Sign Supports" or "High Level Cantilever Overhead Sign Supports".

SHEET 1 OF 2



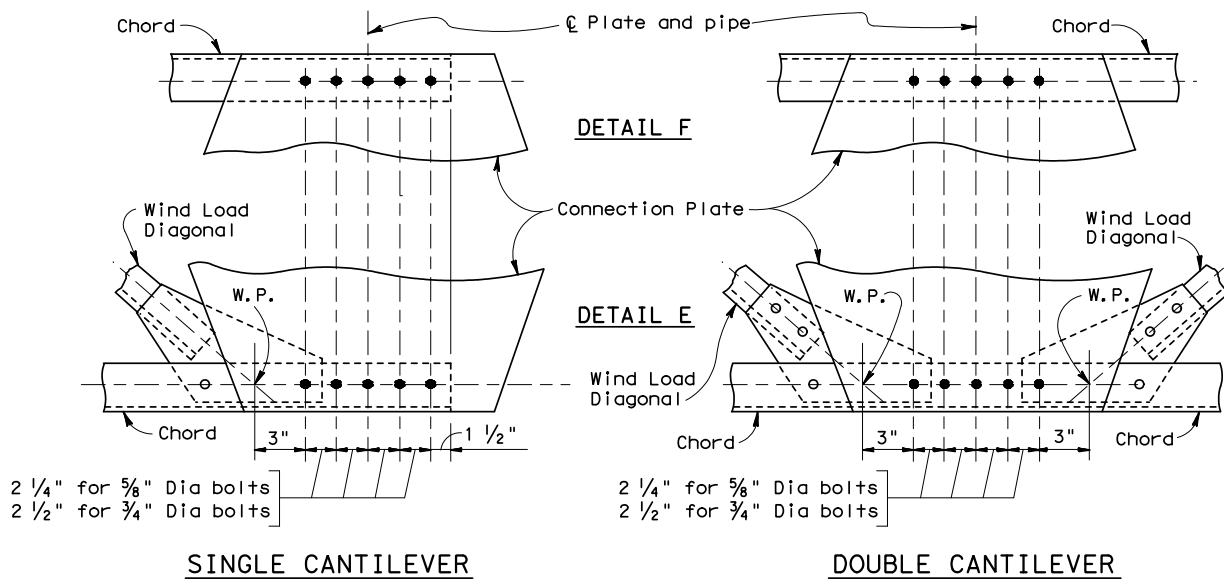
CANTILEVER OVERHEAD SIGN SUPPORT DETAILS

COSSD

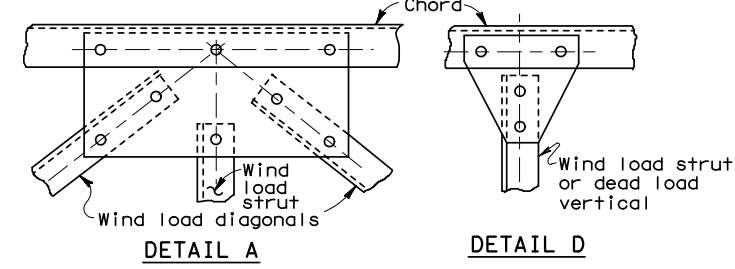
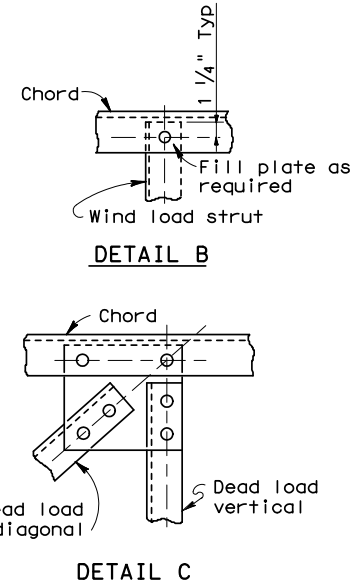
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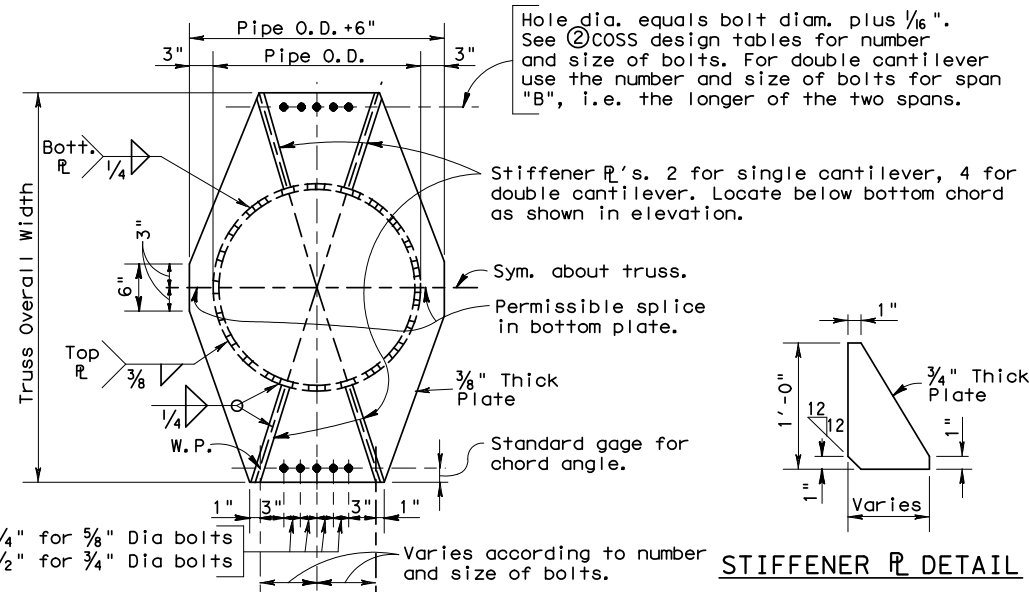
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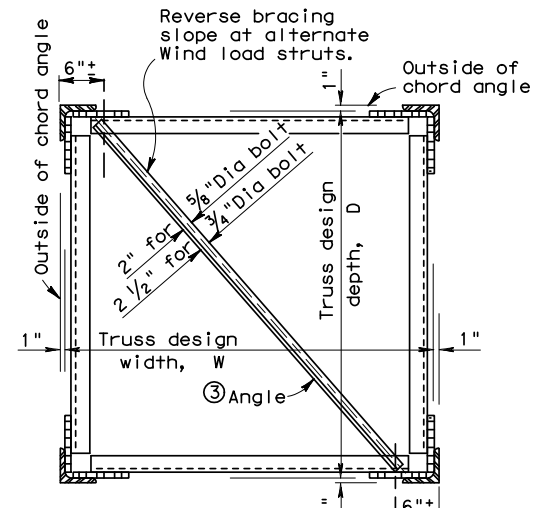
CONNECTION DETAILS



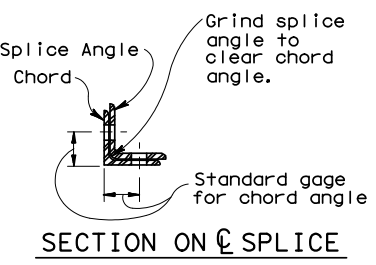
NUMBER OF BOLTS REQD. IN GUSSET PLATE TO CHORD CONNECTION	
TOTAL NO. OF BOLTS IN DIAG'S. IN JOINT	
0	2
2	2
3	3
4	3
5	4
6	4
8	5
10	6



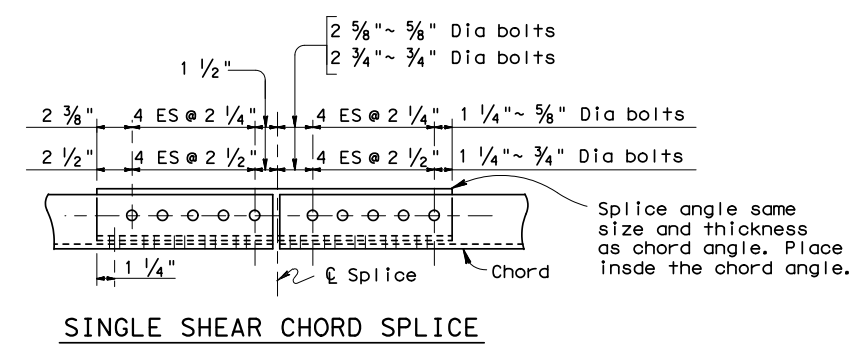
CONNECTION PLATE DETAIL



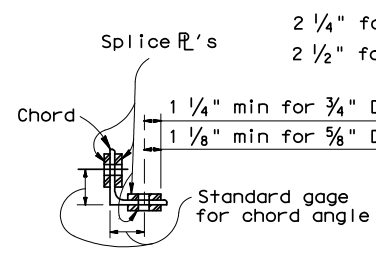
TRUSS SECTION (DIAGONALS NOT SHOWN)



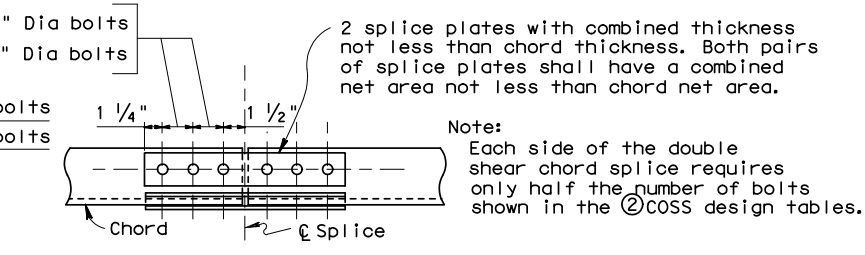
SECTION ON C SPLICE



SINGLE SHEAR CHORD SPLICE

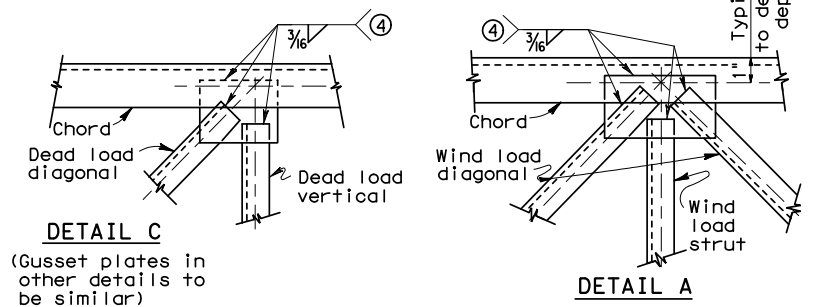


SECTION ON C SPLICE



DOUBLE SHEAR CHORD SPLICE

SPLICE DETAILS



ALTERNATE WELDED CONNECTION DETAILS

④ MINIMUM LENGTH OF 3/16" FILLET WELD REQUIRED		
NUMBER OF BOLTS	TO REPLACE 5/8" DIA BOLTS	TO REPLACE 3/4" DIA BOLTS
1	2"	3"
2	4"	6"
3	6"	9"
4	8"	11 1/2"
5	10"	14 1/2"
6	12"	17 1/2"
7	14"	20"



CANTILEVER OVERHEAD SIGN SUPPORT DETAILS

COSSD

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