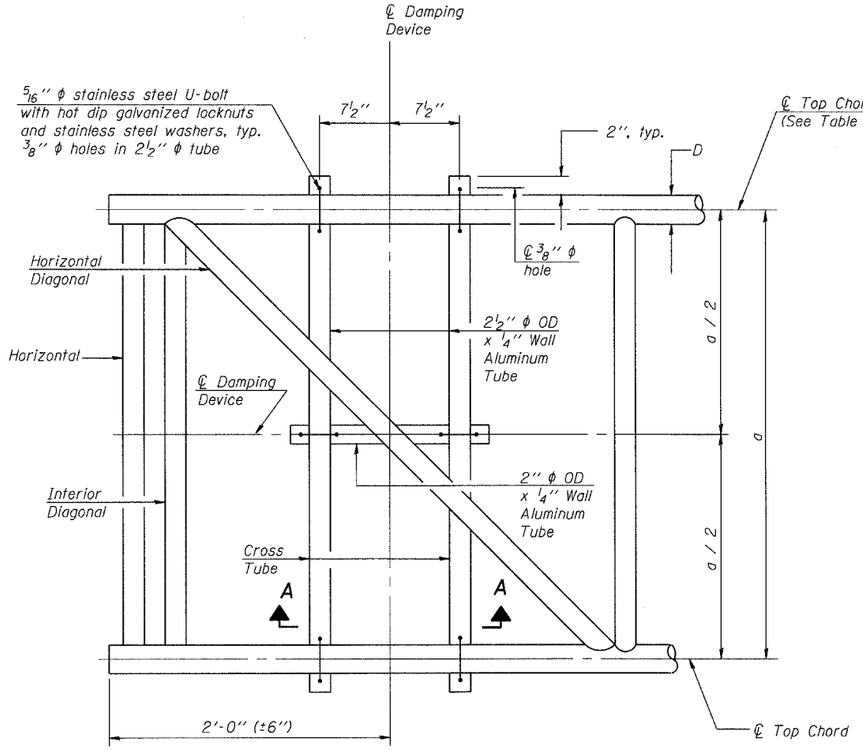
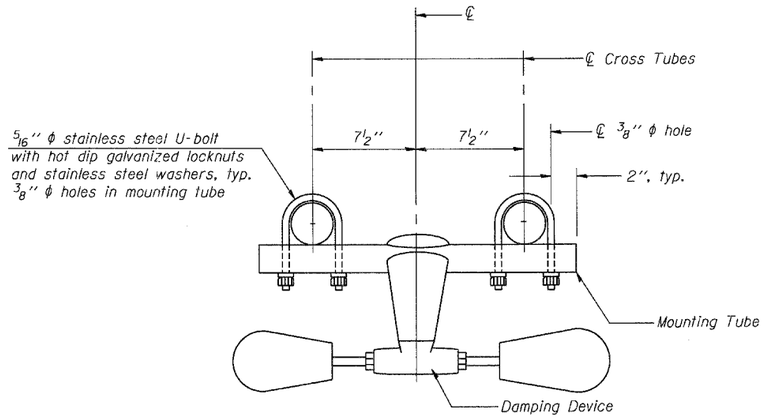
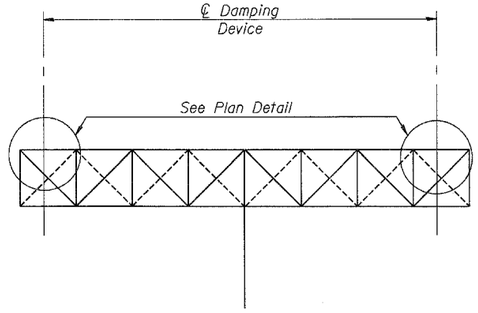


PLAN DETAIL



TRUSS DAMPING DEVICE CONNECTION DETAIL



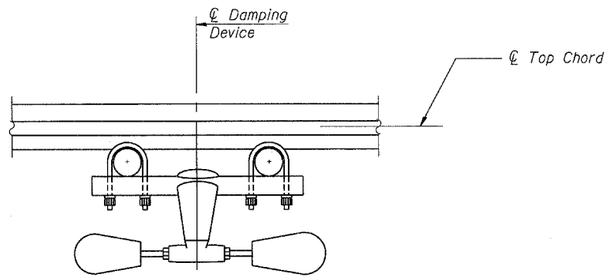
ELEVATION

Aluminum Butterfly Sign Structure

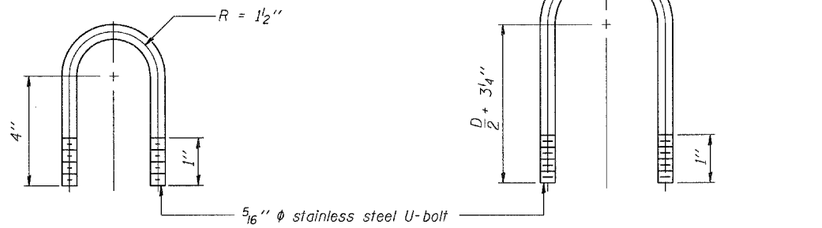
GENERAL NOTES

Damper: One damper per truss. (31 lbs. Stockbridge-Type Aluminum-29" minimum between ends of weights)

Materials: Aluminum tubes shall be ASTM B221 alloy 6061 temper T6

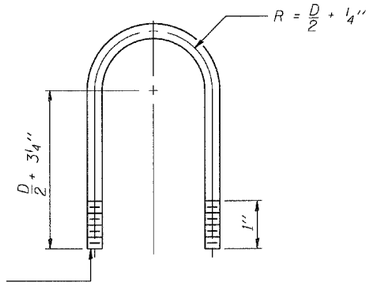


SECTION A-A



DAMPING DEVICE MOUNTING TUBE U-BOLT DETAIL

(Typical)



TOP CHORD TO CROSS TUBE U-BOLT DETAIL

(Typical)

OSF-A-D 1-20-11

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JLR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTTERFLY SIGN STRUCTURE DAMPING DEVICE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JLR	REVISED -	PROPOSED RELOCATED IL ROUTE 3 INTERCHANGE		998	82-2-1K	ST. CLAIR	353	221
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - MDJ	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 76E06		
	PLOT DATE = $DATE$	DATE - 10/21/11	REVISED -			FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

..\OBCONN-11-BORDER1.DGN, ..\OBCONN-11-DESIGND.DGN
10-19-2011, 15:26:18 BONDHUJO \\FS-0044\APPVAULT\D-TRANS_07\2202\28868-001\STRUCT\CADD\01 DESIGN\SIGNSTRUCTURE\SHEET\OBCONN-11-SHT-SIGNSD.DGN