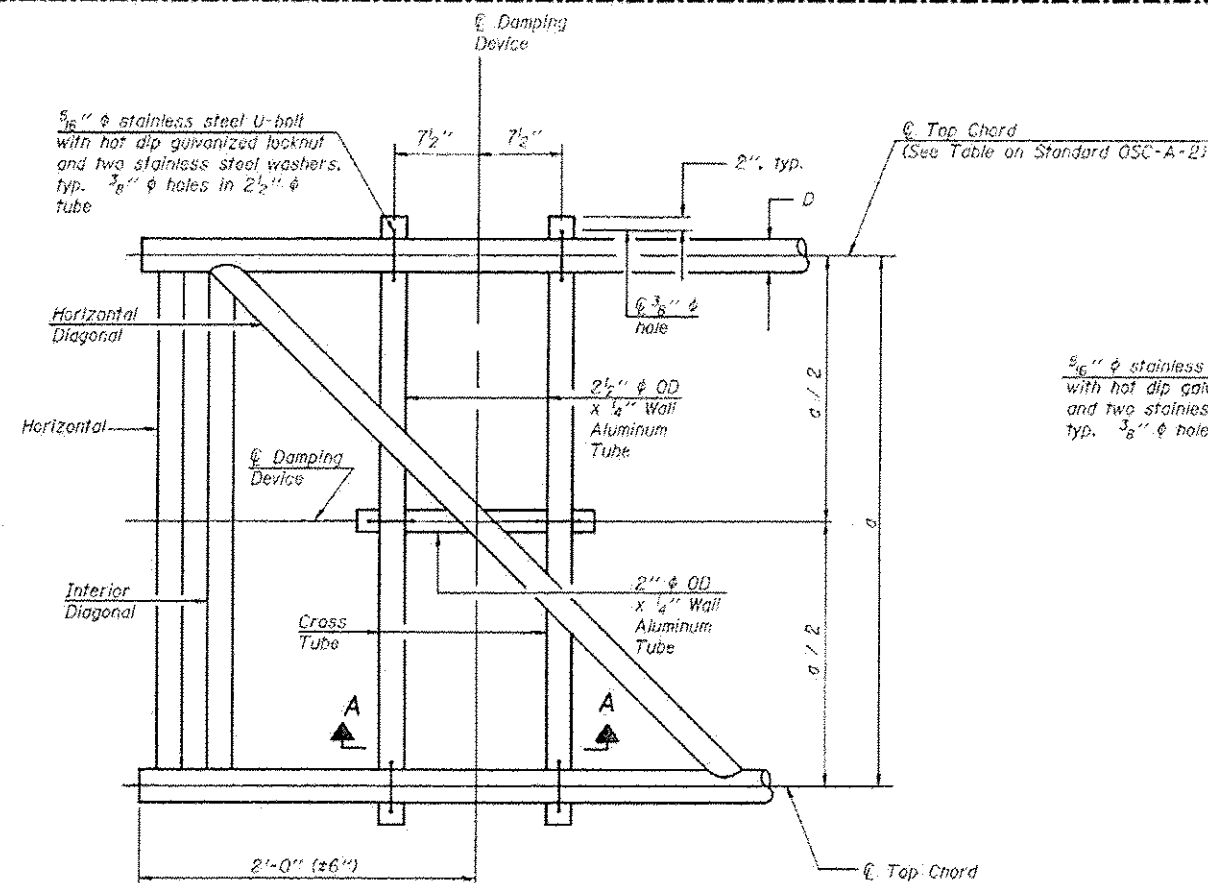
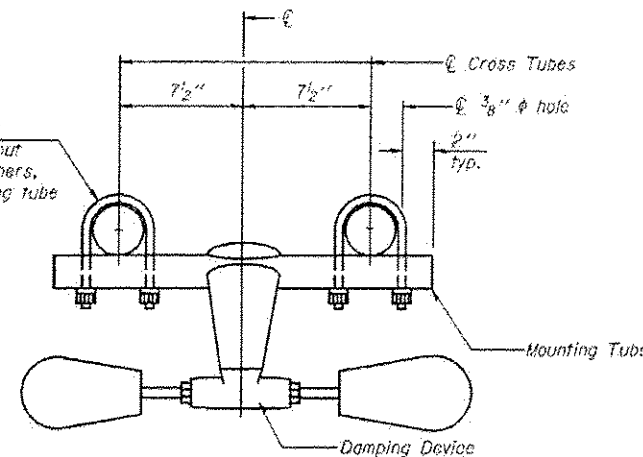
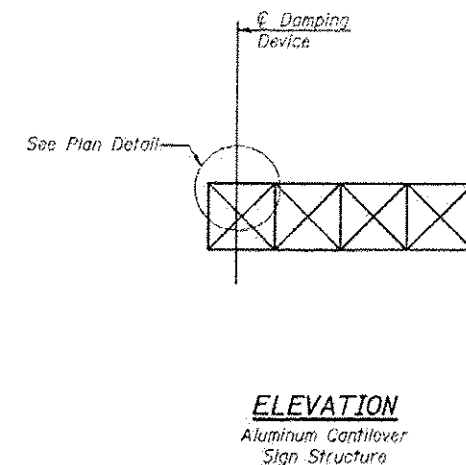




PLAN DETAIL



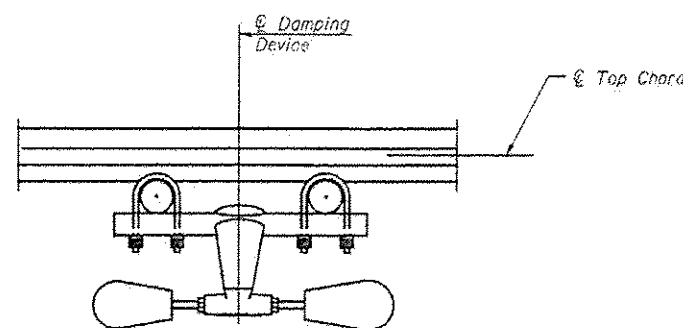
TRUSS DAMPING
DEVICE CONNECTION DETAIL



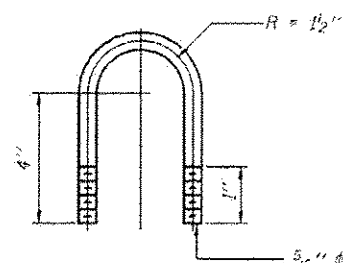
ELEVATION
Aluminum Cantilever
Sign Structure

GENERAL NOTES

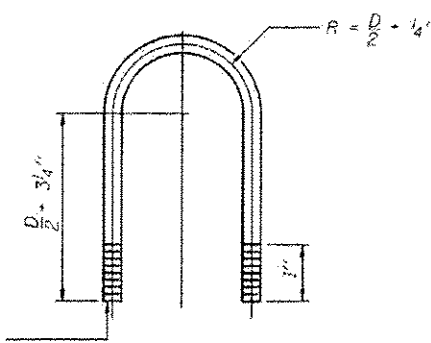
- Damper: One damper per truss. (31 lbs. Stockbridge-Type Aluminum-29" minimum between ends of weights)
- Materials: Aluminum tubes shall be ASTM B221 alloy 6061 temper T6



SECTION A-A



DAMPING DEVICE MOUNTING
TUBE U-BOLT DETAIL
(Typical)



TOP CHORD TO CROSS TUBE
U-BOLT DETAIL
(Typical)

ADDED SHEET

OSC-A-D

6-1-12



PATRICK ENGINEERING INC.
4070 VARSITY DRIVE
LISLE, IL 60532
patrickengineering.com

USER NAME	DESIGNED - CPK
DESIGNED	DRAWN - MJP
FLAT SCALE	CHECKED - JAH
FLAT DATE	DATE - 2/18/2013

DESIGNED - CPK	REVISED - 4/1/2013 AY
DRAWN - MJP	REVISED
CHECKED - JAH	REVISED
DATE - 2/18/2013	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CANTILEVER SIGN STRUCTURE
DAMPING DEVICE

SCALE: SHEET NO. 50N-3J OF 10 SHEETS

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2746	1616B	COOK	404	147J
CONTRACT NO. 60J14				
ILLINOIS FED. AID PROJECT				