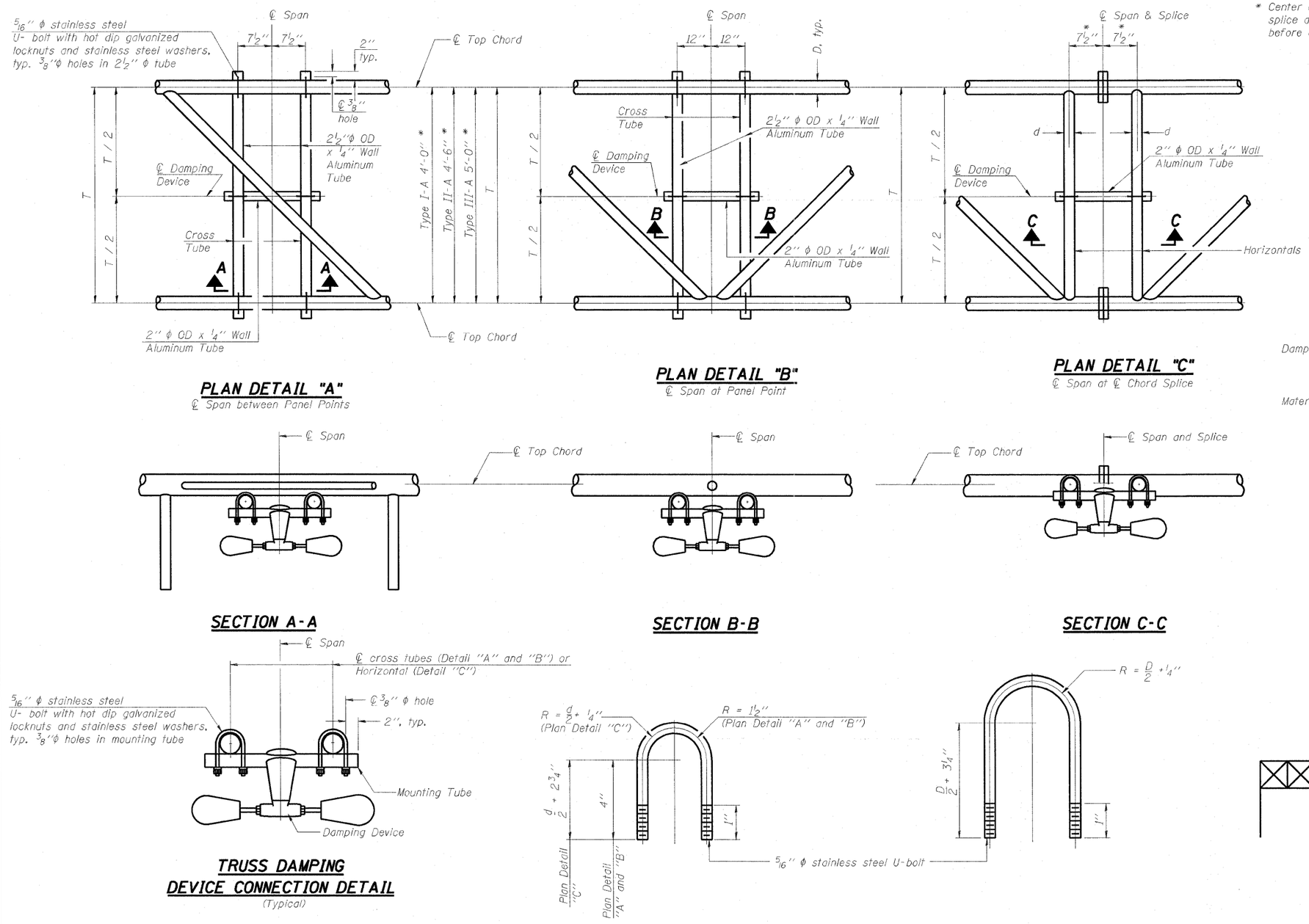


* Center of horizontal to center of splice dimension may vary. Verify before drilling holes in mounting tube.

PLAN DETAIL "A"
℄ Span between Panel Points

PLAN DETAIL "B"
℄ Span at Panel Point

PLAN DETAIL "C"
℄ Span at ℄ Chord Splice

NOTES

Damper: One damper per truss. (31 lbs. minimum Stockbridge-Type Aluminum - 29" minimum between ends of weights) Cost included in Overhead Sign Structure...

Materials: Materials: Aluminum tubes shall be ASTM B221 alloy 6061 temper T6. Cost included in Overhead Sign Structure...

SECTION A-A

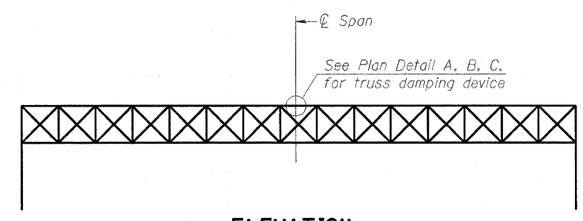
SECTION B-B

SECTION C-C

TRUSS DAMPING DEVICE CONNECTION DETAIL
(Typical)

DAMPING DEVICE MOUNTING TUBE U-BOLT DETAIL
(Typical)

TOP CHORD TO CROSS TUBE U-BOLT DETAIL
(Typical - Detail "A" and "B")



ELEVATION
Aluminum Overhead Sign Truss

OS-A-D 7-1-10

FILE NAME = $FILEL$	USER NAME = pkissel	DESIGNED	PMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OVERHEAD SIGN STRUCTURE DAMPING DEVICE	F.A.I. RTE. 64/998	SECTION 82-1-B-2	COUNTY ST. CLAIR	TOTAL SHEETS 399 / SHEET NO. 105
		DRAWN	PMK	REVISED -					CONTRACT NO. 76C76	
	PLOT SCALE = 3.3673 ' / IN.	CHECKED	MPW	REVISED -						
	PLOT DATE = 6/13/2011	DATE	07-01-2011	REVISED -		SCALE: N/A / SHEET NO. 4 OF 13 SHEETS / STA. N/A / TO STA. N/A	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	