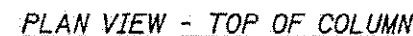


Bolts, washers (including contoured washers), and locknuts shall be stainless steel.



DETAIL OF STAINLESS STEEL SLEEVE

Weld to post after galvanizing.
(Prepare post surface to insure
tight, uniform fit and allow welding.)
Welds to be $1\frac{1}{2}$ " long at 6" cts.
along top edge and at $\frac{1}{4}$ " opening.



⑤ Optional full penetration weld in collar.
(Two locations maximum....(180° apart)....X-ray or UT 100%)



SECTION THRU POST ABOVE LOWER CHORDS

Hole in aluminum plate
(and 16 ga. stnl. stl. sheet)
to be O.D. post + $\frac{1}{2}$ "



- ① Grind top if required to fully seat aluminum plate and stainless steel sheet.
- ② After tightening lower connection bolts, fill gap with non-hardening, silicone caulk suitable for exterior exposure and acceptable to the Engineer. Cost is included in Overhead Sign Structure Cantilever.
- ③ Upper and lower connection bolts in collar and bolts at lower chord connection shall be high strength with matching locknuts. Connection bolts shall have 2 stainless steel flat washers each.

△ ADDED SHEET

OSC-A-3

6-1-12

PATRICK ENGINEERING INC.
4970 VARSITY DRIVE
Lisle, IL 60532
patrickengineering.com

USER NAME	•
PLOT SCALE	•
PLOT DATE	•

DESIGNED	-	CPK
DRAWN	-	MJP
CHECKED	-	JAH
DATE	-	2/18/2013

REVISED		4/1/2013 AY
REVISED		
REVISED		
REVISED		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CANTILEVER SIGN STRUCTURES - JUNCTURE DETAILS
ALUMINUM TRUSS & STEEL POST

SCALE: SHEET NO. 50N-38 OF 10 SHEETS

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2746	16168	COOK	404	147
CONTRACT NO. 60J1				
ILLINOIS FED. AID PROJECT				