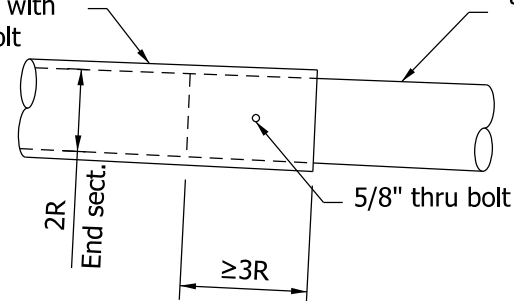


NOTES:

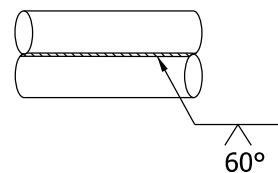
- ① Number of cable inlets depends on arm L (See Arm Dimensions Table). The inlet diameter shall be 1 3/4" with rubber grommet (Typ.)
- ② Optional splice can be used for arm length of greater than 40'. Field assembly shall achieve a snug tight joint, with minimum overlap not less than 1.5 times the inside dimension of the end section.
- ③ Arm rise R is measured in the undeflected position without vertical loads on the arm.
4. See Standard Drawings E 805-TSCS-06 and -07 for placement of signal and signs for each arm length.
- ⑤ If seam welds are used, the weld location for the arms shall be along the bottom, and on the side of pole as shown.

End section extension with wall thickness 3/16" min. and with drilled hole for 5/8" bolt



Base section with wall thickness 5/16" and field drilled hole for 5/8" bolt with curved washer and lock nut

② OPTIONAL ARM SPLICE DETAIL



⑤ TYPICAL SEAM WELD

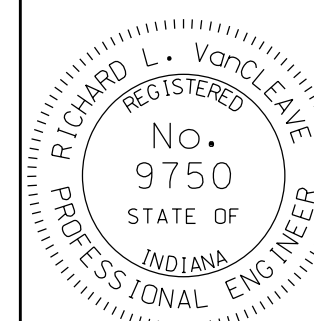
ARM DIMENSIONS TABLE				
L (ft.)	ARM DIAMETER AT POLE	ARM WALL THICKNESS (in.)	R (in.)	CABLE INLETS
15	8"	5/16"	7 1/2"	A, B
20	10"	5/16"	10"	A, B
25	11"	5/16"	1'-0 1/2"	A, B
30	13"	5/16"	1'-3"	A, B
35	14"	5/16"	1'-5 1/2"	A, B, C
40	15"	5/16"	1'-8"	A, B, C
45	17"	5/16"	1'-10 1/2"	A, B, C
50	19"	5/16"	2'-1"	A, B, C, D
55	20"	5/16"	2'-3 1/2"	A, B, C, D
60	21"	5/16"	2'-6"	A, B, C, D, E

INDIANA DEPARTMENT OF TRANSPORTATION

**TRAFFIC SIGNAL CANTILEVER STRUCTURE
SIGNAL ARM DIMENSIONS & DETAILS**

SEPTEMBER 2012

STANDARD DRAWING NO. E 805-TSCS-02



/s/ Richard L. VanCleave 09/04/12

SUPERVISOR, ROADWAY STANDARDS DATE

/s/ Mark A. Miller 09/04/12

CHIEF ENGINEER DATE