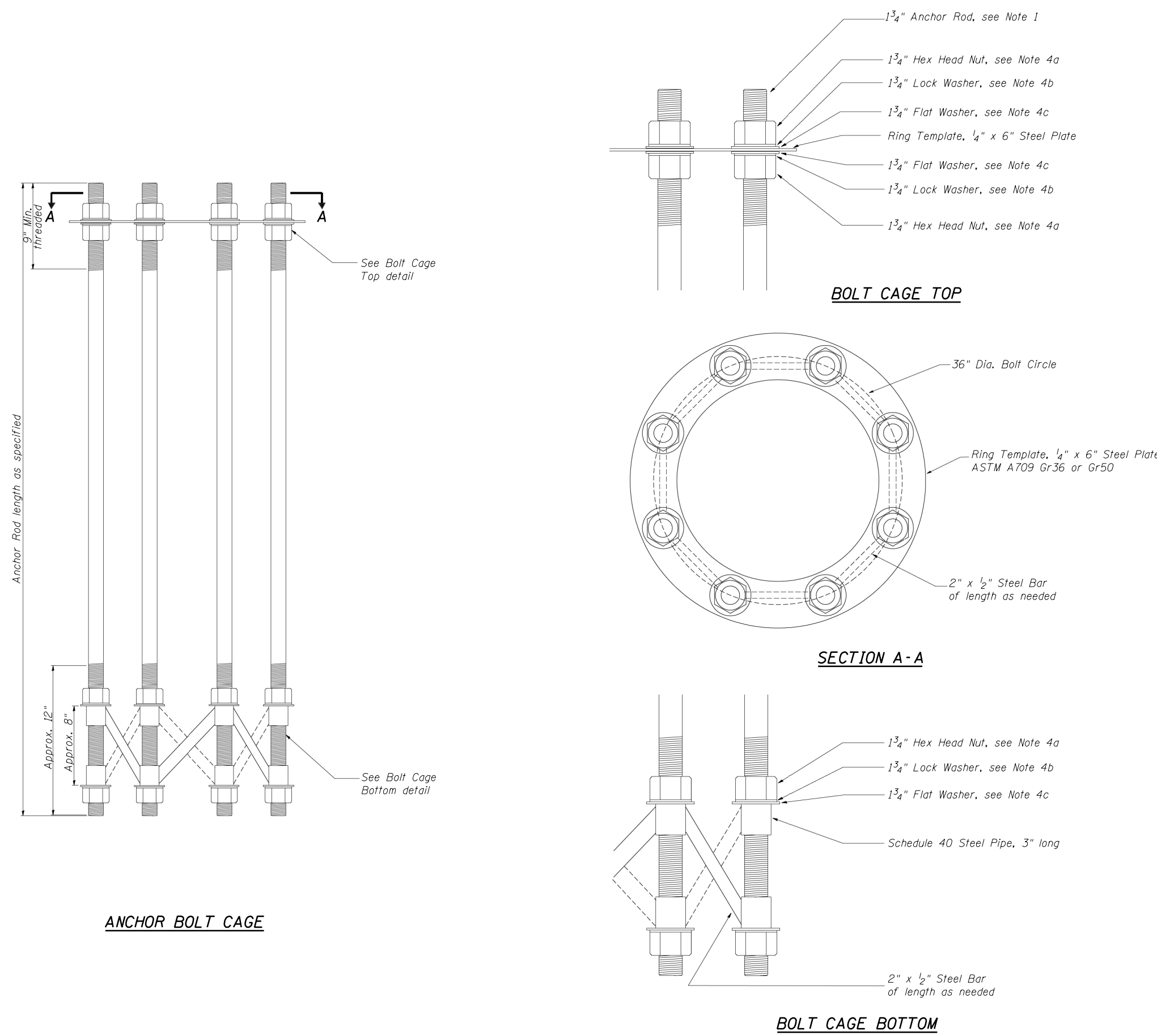


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NOTES

- Anchor Rods shall be straight and shall be according to AASHTO M 314 or ASTM F1554, Grade 725 (Grade 105) and Galvanized according to Article 1006.09.
- Anchor Rod information shall be submitted for approval and shall be fully coordinated with tower manufacturers requirements.
- Cut nuts, or jam nuts, are not allowed.
- Anchor Rod Cage hardware shall be in accordance with the following:
 - 1 3/4" Hex Head Nuts
AASHTO M291, Grade C, C3, D, DH or DH3
Hot Dipped Galvanized AASHTO M 232
 - 1 3/4" Helical Lock Washers
ANSI/ASME B18.21.1
I.D. 1.758 - 1.778
O.D. 2.596 Max.
Width 0.383 Min.
Thickness 0.469 Min.
Hardness 26 - 45 Rockwell C.
Hot Dipped Galvanized AASHTO M 232
 - 1 3/4" Flat Washers
AASHTO M 293
O.D. 3.25
I.D. 1.875
Thickness 0.16 - 0.25
Hardness 26 - 45 Rockwell C.
Hot Dipped Galvanized AASHTO M 232
- The shaft lengths shall be based on soil borings in the plans. If different soils are encountered, the Engineer shall be notified to provide a revised length.
- All foundation reinforcement steel shall be epoxy coated.
- The foundation shall be poured monolithically and shall have no construction joints.



USER NAME = rdenley	DESIGNED - SMY	REVISED -
	CHECKED - BWS	REVISED -
PLOT SCALE = 0:2.0000 '1" / 1"	DRAWN - RD	REVISED -
PLOT DATE = 2/13/2012	CHECKED - BWS	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. ROUTE 80 AT U.S. ROUTE 30 LIGHTING
LIGHT TOWER FOUNDATION, 54" DIAMETER**

SHEET NO. S-2 OF S-17 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2011-046-L	WILL	106	69
CONTRACT NO. 60P56			ILLINOIS FED. AID PROJECT	