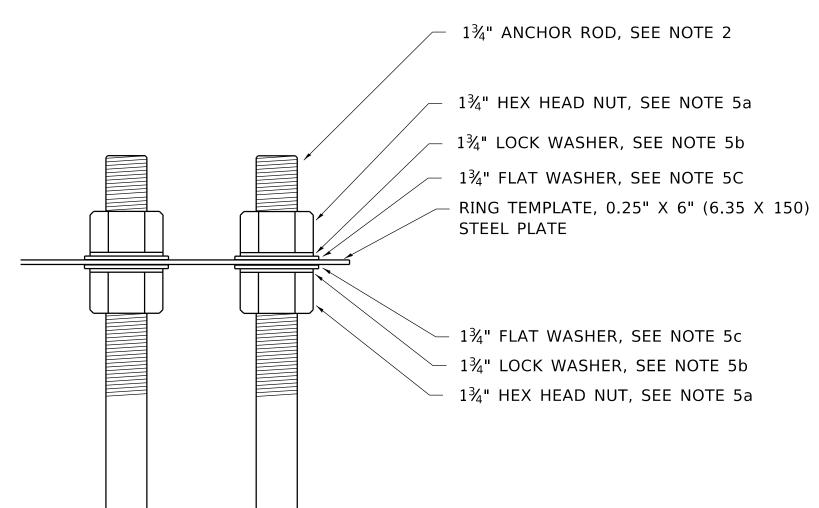
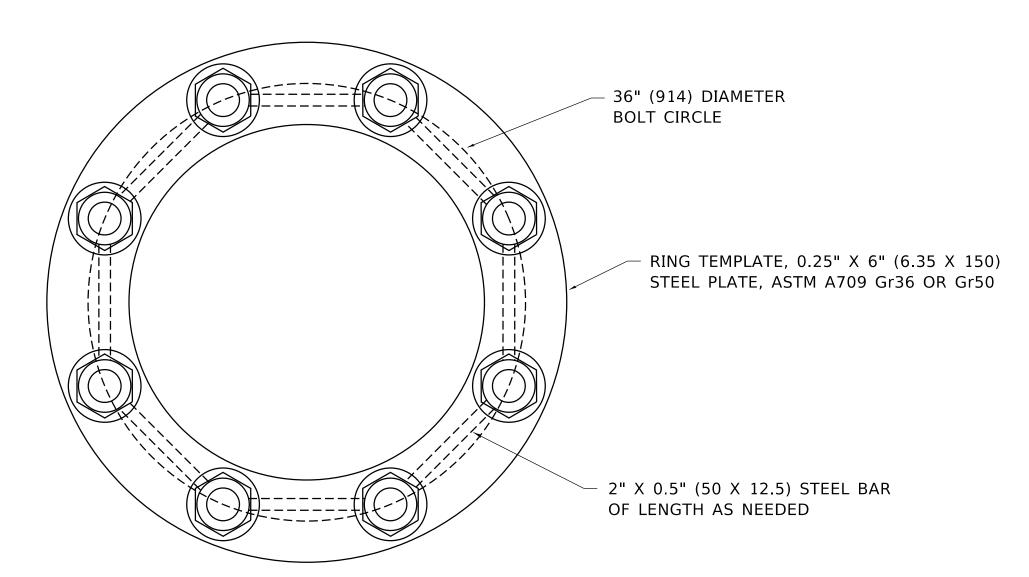


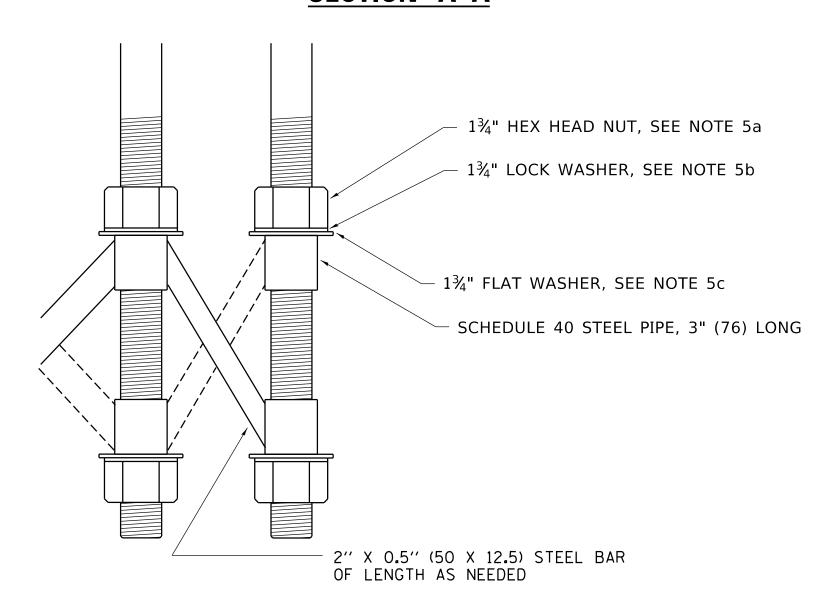
ANCHOR BOLT CAGE



BOLT CAGE TOP



SECTION A-A



BOLT CAGE BOTTOM

USER NAME = leysa	DESIGNED - R. TOMSONS 09-02-10	REVISED - R. TOMSONS 02-27-13
	DRAWN -	REVISED - R. TOMSONS 04-29-16
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/2/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGH MAST LIGHT TOWER 120 FT TO 140 FT FOUNDATION DETAIL SHEET 2 OF 2 SHEETS STA. TO STA.

SCALE: NONE

F.A. RTE. SECTION COUNTY TOTA SHEE BE-506 CONTRACT NO. ILLINOIS FED. AID PROJECT

NOTES:

- 1. ALL DIMENSIONS IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN
- 2. ANCHOR RODS SHALL BE STRAIGHT AND SHALL BE ACCORDING TO ASTM F1554, GRADE 725 (GRADE 105) AND GALVANIZED ACCORDING TO ARTICLE 1006.09.
- 3. ANCHOR ROD INFORMATION SHALL BE SUBMITTED FOR APPROVAL AND SHALL BE FULLY COORDINATED WITH TOWER MANUFACTURERS REQUIREMENTS
- 4. CUT NUTS, OR JAM NUTS, ARE NOT ALLOWED
- 5. ANCHOR ROD CAGE HARDWARE SHALL BE IN ACCORDANCE WITH THE FOLLOWING:
 - a) 1.5 (38) HEX HEAD NUTS AASHTO M291, GRADE C, C3, D ,DH OR DH3 HOT DIPPED GALVANIZED AASHTO M 232
 - b) 1.5 (38) HELICAL LOCK WASHERS
 ANSI/ASME B18.21.1
 I.D. 1.504 1.524
 O.D. 2.159 MAX.
 WIDTH 0.292 MIN.
 THICKNESS 0.375 MIN.
 HARDNESS 26-45 ROCKWELL C
 HOT DIPED GALVANIZED AASHTO M232
 - c) 1.5 (38) FLAT WASHERS
 AASHTO M293
 O.D. 2.75
 I.D. 1.56
 THICKNESS 0.16 0.25
 HARDNESS 26-45 ROCKWELL C.
 HOT DIPED GALVANIZED AASHTO M232
- 6. THE SHAFT LENGTHS SHALL BE BASED ON SOIL BORINGS IN THE PLANS AND OR A DETERMINATION OF SOIL CONDITIONS BY THE ENGINEER.
- 7. ALL FOUNDATION REINFORCEMENT STEEL SHALL BE EPOXY COATED.
- 8. THE FOUNDATION SHALL BE POURED MONOLITHICALLY AND SHALL HAVE NO CONSTRUCTION JOINTS.
- 9. ANCHOR RODS AND ALL ASSOCIATED HARDWARE ARE SHOWN AS MINIMUMS. SIZING SHALL BE DETERMINED BY THE TOWER MANUFACTURER AND APPROVED BY THE ENGINEER. EACH FOUNDATION SHALL HAVE A MINIMUM OF 8 ANCHOR RODS.