



ORIENTATION OF RACEWAYS SHALL BE COORDINATED WITH CIRCUIT DIRECTIONS AND BE INSPECTED BY THE ENGINEER PRIOR TO CONCRETE PLACEMENT

1-INCH (25.4) R.S.C. TO GROUND FIELD OF 3 GROUND RODS IN A 10 FT (3,048 m). TRIANGLE CONNECTED VIA BARE COPPER WIRE. VERIFY EXACT LOCATION OF GROUND FIELD WITH THE ENGINEER. NO GROUND WELL SHALL BE PLACED IN CONCRETE PAD IN FRONT OF CONTROLLER.

FILE NAME = E-12.dgn

SPAA Tech, Inc.  
311 S. Wacker Drive, Suite 2400  
Chicago, IL 60606  
312.277.8800  
312.277.8828  
www.spaa-tech.com

**COLLINS ENGINEERS**

USER NAME = tmsckey	DESIGNED - IAB	REVISED -
PLOT SCALE = 2.000000' / in.	DRAWN - DL/TM	REVISED -
PLOT DATE = 3/5/2013 11:30:47 AM	CHECKED - YK	REVISED -
PLOT DRIVER = CRA - PDF.plt	DATE - DEC 2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**I-90/94 AT OHIO STREET  
LIGHTING CONTROLLER, SHEET NO. 3 OF 4**

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	173
CONTRACT NO. 60F63				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				