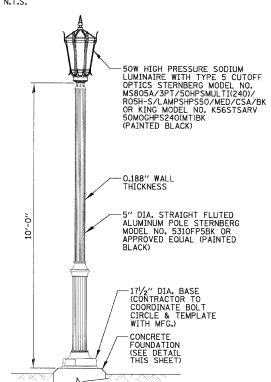


POLE HANDHOLE WIRING DIAGRAM



ORNAMENTAL LIGHTPOLE DETAIL

LOT SCALE = 20°

OT DATE = 2/18/200

TLE NAME =

HEAT-SHRINKABLE CAP WITH FACTORY APPLIED WATERPROOF SEALANT, (SIZED TO ACCOMMODATE NUMBER OF CABLES) TRIMMED CABLES -COMPRESSION TYPE COPPER SLEEVE (SIZED FOR ACTUAL NUMBER OF CABLES AND MFG. SUGGESTED CRIMP TOOL USED) SEALANT TAPE OR-INSERT (AROUND AND THROUGH CROTCH SPACE) -EXPOSED SEALANT ELECTRIC BRANCH CABLE (SIZE AS NOTED ON CONTRACT DRAWINGS) NO. 10 AWG TO LUMINAIRE

TACK (TYPICAL)

3-#7 VERT. HOOK 180 DEG.

#3 G HOOPS "A" (FOR SPCG. SEE ELEV.)

3" CLEAR-

ON 3" CENTERS "A"

VARIES

TYPICAL 8

21/2" RACEWAY (2 REQ'D)

COMPACTED FILL

3 TIES □@6″

SCALE:

8-"G" PERIPHERALLY SPACED @ 7" + O.C.

6-"B" STIRRUPS

LAP

SECTION A-A

NOTE 1

1'-0"

2'-0"

#

1'-0"

SECTION B-B

(HOOKED 90 DEG. INTO 24"x24" BRACKET)

-¢ 4- O/GALVANIZED ANCHOR BOLTS TOP 10"- 8 N.C. THREADS Fy=50,000 PS1 ASTM A576 (NOTE 2)

-BOLT PROJECTION

EXISTING GRADE

3" CLEARANCE (TYP.)

THREAD BOTTOM 4"

-24" Ø DRILLED IN PLACE CONCRETE SHAFT

-EXISTING GRADE

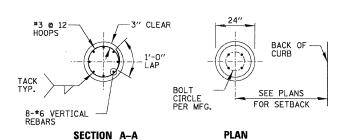
-GROUND ROD 5%"×10" @ EACH POLE

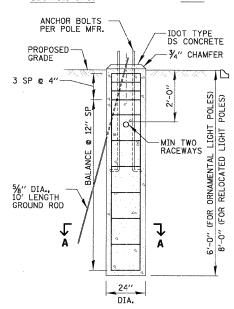
-5-#7 FROM SHAFT (2-1/2" SPACE BETWEEN BARS, 3" CLEARANCE)

-5" DIA. HOLE IN PLATE

-10-3/4" X 10-3/4" X 1/2" 凡

SPLICING ELECTRIC CABLE





- 1. GROUND ROD SHALL BE CAST INTO CONCRETE FOUNDATION WITH 8 FEET IN CONTACT WITH SOIL.
- FOUNDATION WILL BE PAID FOR UNDER "LIGHT POLE FOUNTION, 24" DIAMETER.
- 3. USE THIS FOUNDATION FOR ALL LIGHT POLES, UNLESS OTHERWISE INDICATED, ON LIGHTING PLAN SHEETS.

NOTES:

REVISED

REVISED

REVISED

REVISED

DESIGNED

DRAWN

CHECKED

DATE

4. FOUNDATINS SHALL NOT PROTRUDE MORE THAN 4" ABOVE FINISHED GRADE INCLUDING ANCHOR RODS.

CONCRETE FOUNDATION DETAIL

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ROADWAY LIGHTING IMPROVEMENTS LIGHTING DETAILS (2 SHEET NO. OF SHEETS STA.

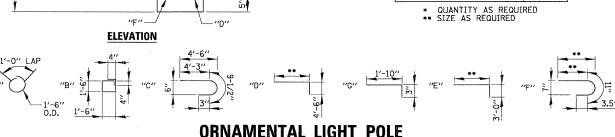
LIĞHT POLE SHĀFT 3'-0" (MAX) BOLT CIRCLE PER MANUFACTURER 24"×24" CANTILEVER BRACKET

PLAN-CANTILEVERED BRACKET

NOTES:

- BOLT CIRCLE PER POLE MANUFACTURER
- THE TOP OF THE ANCHOR BOLTS SHALL NOT PROJECT MORE THAN 4" ABOVE A 60" CHORD ALIGNED RADIALLY TO THE CENTERLINE OF THE ROADWAY, AND CONNECTING ANY POINT, WITHIN THE LENGTH OF THE CHORD, ON THE GROUND SURFACE ON ONE SIDE OF THE SUPPORT TO A POINT ON THE GROUND SURFACE ON THE OTHER SIDE.
- CONCRETE SHALL BE 3500 PSI AT 14 DAYS
- HOLE FOR FOUNDATION SHAFT SHALL BE AUGERED
- REINFORCING BARS SHALL CONFORM TO BILLET STEEL BARS. (ASTM-A615) SPECIFICATIONS WITH A 6000 PSI MINIMUM YIELD STRENGTH.
- FOUNDATION AS SHOWN REPRESENTS 9.5 LINEAL FEET FOR "LIGHT POLE FOUNDATION, OFFSET, 24" DIAMETER".

BILL OF MATERIALS							
QUAN.	MARK	SIZE	LENGTH	TH SHAPE			
*	A	#3	5′-9′′	0			
6	В	#3	6′-8′′				
3	С	#6	5-31/2"				
8	D	#6	2'-1''				
3	E	#7	**				
2	F	#7	**				
3	G	#7	**				
	11						
CLASS	1.7						
ANCHO	4						
ANCHO	1						
* QUANTITY AS REQUIRED							



ORNAMENTAL LIGHT POLE OFFSET CONCRETE FOUNDATION DETAIL

S – HARVARD ST.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.
OF 3)	1702	07-00106-00-PV	COOK	75	45
<u> </u>			CONTRACT	NO. 6	3148
TO STA.		OAD DIST NO 1 THINDIS EED A	ID PROJECT		