

F.A.P. SHEET NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3034 N-1	COOK	71	37
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

NO.	ITEM DESCRIPTION	UNIT	TOTAL
1	EXPLORATION TRENCH, SPECIAL	FOOT	200
2	ELECTRIC SERVICE INSTALLATION	EACH	1
3	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
4	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	705
5	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	100
6	CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	70
7	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	70
8	UNIT DUCT, WITH 3-1/C NO. 6 AND 1/C NO. 8 GROUND, 600V (XLP-TYPE USE), 1" POLYETHYLENE	FOOT	3450
9	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE), 3-1/C NO. 1/0	FOOT	230
10	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	8
11	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	12
12	LIGHTING CONTROLLER, TYPE CB-RCS 60 AMP-480 VOLT	EACH	1
13	LIGHT POLE, ALUMINUM, 40 FT. M.H., 10 FT. MAST ARM	EACH	10
14	LIGHT POLE, ALUMINUM, 40 FT. M.H., 12 FT. MAST ARM	EACH	9
15	LIGHT POLE, ALUMINUM, 40 FT. M.H., 15 FT. MAST ARM	EACH	1
16	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	144
17	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	27
18	BREAKAWAY DEVICE, TRANSFORMER BASE, 15" BOLT CIRCLE	EACH	20
19	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	20
20	LIGHTING FOUNDATION REMOVAL, PARTIAL	EACH	20
21	REMOVAL OF LIGHTING CONTROLLER	EACH	1
22	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1
23	UNIT DUCT, BORED AND PULLED	FOOT	3145

GENERAL NOTES :

- ALL WORK TO CONFORM TO THE NATIONAL ELECTRICAL CODE AND ANY APPLICABLE LOCAL CODES.
- CONTRACTOR TO VERIFY LOCATION OF ALL UNDERGROUND UTILITIES BEFORE TRENCHING OR AUGERING.
- BEFORE INSTALLING STANDARDS NEAR OVERHEAD FACILITIES CALL CE Co. FOR APPROVAL OF LOCATION.
- FOR LOCATION OF EXISTING UNDERGROUND ELECTRICAL CABLE CALL CE Co.
- ALL CONDUIT TO BE 2" DIAMETER UNLESS OTHERWISE SPECIFIED.
- ANY TREE TRIMMING REQUIRED AS DIRECTED BY THE ENGINEER SHALL BE PERFORMED BY THE CONTRACTOR, AND THE COST OF THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO RESTORE ANY SPECIALIZED LANDSCAPING, (I.E. DECORATIVE ROCKS, SHRUBS, PLANTS, ECT.) OR SHALL REPLACE IT, THE COST OF WHICH SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

LEGEND :

- EXISTING STREET LIGHT
- PROPOSED STREET LIGHT--250W HPS, 40' MOUNTING HEIGHT
- PROPOSED STREET LIGHT--400W HPS, 40' MOUNTING HEIGHT
- CONTROLLER
- CONDUIT,PUSHED,GALVANIZED STEEL
- CONDUIT,TRENCHED,GALVANIZED STEEL
- UNIT DUCT,W/3-1/C,NO. 6 AND 1/C NO. 8 GROUND, 600V (EPR TYPE RHW) 1" DIAMETER POLYETHYLENE, BORED & PULLED
- CIRCUIT
- ELECTRIC CABLE IN CONDUIT, 600V (EPR TYPE USE) 3-1/C NO. 1/0
- GROUND ROD
- SIDEWALK REMOVAL & REPLACEMENT
- BITUMINOUS PARKWAY REMOVAL AND REPLACEMENT
- (R) EXISTING STREET LIGHT TO BE REMOVED (SALVAGE)
- (RC) REMOVE EXISTING LIGHTING CONTROLLER
- BDTB BREAKAWAY DEVICES, TRANSFORMER BASE

MFT SECTION 06-00173-00-LT

ROBINSON ENGINEERING, LTD. CONSULTING REGISTERED PROFESSIONAL ENGINEERS AND PROFESSIONAL LAND SURVEYORS 17000 SOUTH PARK AVENUE SOUTH HOLLAND, ILLINOIS 60473 (708) 331-6700 FAX (708) 331-3625 © COPYRIGHT 2006 ILLINOIS DESIGN FIRM REGISTRATION NO. 184001126		REVISIONS	
		No.	Date
F.A.P. ROUTE 344 127TH STREET @ MAPLE ROAD STREET LIGHTING SUMMARY OF QUANTITIES BLUE ISLAND, ILLINOIS			
Drawn by: RG	Date: 11/27/06		
Checked by: PAP	Scale: NONE		
Sheet of	Project No. 06-688		