

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	05-00049-00-LT	COOK	9	2
SUMM. OF QUANTITIES & GEN. NOTES				
ILLINOIS				

CONTRACT NO. 63068

GENERAL NOTES

- A-1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OR BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES (48 HOUR NOTIFICATION IS REQUIRED).
- A-2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF STREAMWOOD.
- A-3. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- A-4. BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED--ONE (1) WEIGHTED SANDBAG ACROSS EACH BOTTOM RAIL.
- A-5. TYPE II BARRICADES WHEN USED FOR APPROACH TAPERS, AS INDICATED ON THE STATE STANDARDS OR SHOWN ON THE PLANS SHALL BE SAFETYCADE DIRECTION INDICATOR BARRICADES MANUFACTURED BY WJ INDUSTRIES, INC. 880 N. ADDISON, P.O. BOX 7050, VILLA PARK, IL 60181-7050 OR EQUIVALENT. THE CONTRACTORS BID PRICES FOR TRAFFIC CONTROL ITEMS SHALL INCLUDE THE COST OF THESE BARRICADES.
- A-6. THE LOCAL ROADS PROJECT ENGINEER FOR THESE IMPROVEMENTS IS PHIL MARCYN AT 847-705-4189.

LIGHTING NOTES

- B-1. THE VILLAGE OF STREAMWOOD SHALL BE RESPONSIBLE FOR THE PROVISION OF CONSTRUCTION FUNDING, OWNERSHIP, ELECTRICAL ENERGY AND MAINTENANCE DURING AND AFTER CONSTRUCTION.
- B-2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES AND THE LIGHTING CONTROLLER FOR EXAMINATION AND CONFIRMATION WITH THE ENGINEER AT THE PRECONSTRUCTION INSPECTION. THE EXACT LOCATIONS OF ALL ITEMS SHALL BE CONFIRMED WITH THE ENGINEER PRIOR TO STARTING WORK.
- B-3. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR GROUNDING. GROUNDING CONNECTIONS AT THE FOUNDATION SHALL BE EXOTHERMICALLY WELDED, AS SPECIFIED, AND SHALL BE INSPECTED AND APPROVED BY THE RESIDENT ENGINEER PRIOR TO POURING CONCRETE OR BACKFILLING, AS APPLICABLE.
- B-4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE. THE ENGINEER MAY ASSIST THE CONTRACTOR AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATING FINISHED GRADE ELEVATION WITH THE TOP OF THE FOUNDATION HEIGHTS SHALL REMAIN WITH THE CONTRACTOR.
- B-5. ALL LIGHT POLES SHALL BE LOCATED WITHIN THE CORRECT SET BACK IDOT REQUIREMENTS FROM THE BACK OF CURB TO THE FACE OF THE PROPOSED LIGHT POLE.
- B-6. NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, AS APPROVED BY THE ENGINEER.
- B-7. POLES WITH MAST ARMS SHALL NOT BE ERECTED AND LEFT TO STAND WITHOUT LUMINAIRES, TO MAINTAIN THE STRUCTURAL INTEGRITY OF POLES. NOTE THAT THE PROPOSED LIGHT POLES WILL NOT BE CONSIDERED COMPLETE WITHOUT THE LUMINAIRES INSTALLED.
- B-8. UNLESS OTHERWISE NOTED, ALL CONDUIT PROVIDED BY THIS CONTRACT SHALL BE 2" GALVANIZED STEEL CONDUIT CONFORMING TO IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SECTION 1088.01 (c).
- B-9. UNLESS OTHERWISE NOTED, ALL CONVENTIONAL POLES SHALL BE FRANGIBLE WITH BREAKAWAY DEVICES AS SPECIFIED.
- B-10. THE CONTRACTOR SHALL MAKE NOTE OF THE SPECIAL CONTROL CABINET, AUXILIARY CABINET AND LIGHTING UNIT IDENTIFICATION REQUIREMENTS NOTED ON THE DRAWINGS.
- B-11. ALL WIRING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE. PARTICULAR ATTENTION IS DIRECTED TO THE REQUIREMENTS FOR ELECTRIC SERVICE, GROUNDING, AND OVERCURRENT PROTECTION.
- B-12. THE ELECTRICAL SUPPLY SHALL BE A PROPERLY GROUNDED AC SYSTEM. DC SERIES WIRING WILL NOT BE PERMITTED.
- B-13. THE AC SYSTEM SHALL BE PROPERLY GROUNDED AT THE ASSOCIATED SERVICE DISCONNECTING MEANS. AN EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXTENDED CONTINUOUS WITH ALL CIRCUIT WIRING AND SHALL BE BONDED TO THE SYSTEM GROUND AT THE SERVICE DISCONNECTING MEANS. IT IS RECOMMENDED THAT THE EQUIPMENT GROUNDING CONDUCTOR BE INSULATED. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE IN INTEGRAL PART OF ANY MULTI-CONDUCTOR CABLE OR SHALL BE RUN WITH THE CIRCUIT CONDUCTORS IN THE SAME RACEWAY. A SEPARATE GROUNDING CONDUCTOR WILL NOT BE PERMITTED. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE SPLICED AND BONDED VIA A PITGAIL CONNECTION AT EACH POLE.
- B-14. ALL CONDUCTORS AND EQUIPMENT SHALL HAVE PROPER OVERCURRENT PROTECTION. OVERCURRENT PROTECTION SHALL BE PROVIDED FOR EACH LUMINAIRE AND ITS ASSOCIATED BRANCH CIRCUIT EITHER BY THE USE OF INDIVIDUAL POLE BASE FUSING, FUSING WITHIN THE LUMINAIRE, OR OTHER MEANS AS APPROVED BY THE ENGINEER.
- B-15. THE ANCHOR BOLTS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED IN THE FORMS.
- B-16. EXCAVATION FOR THE POLE FOUNDATION SHALL BE MADE WITH AN AUGER, 24 INCHES IN DIAMETER.
- B-17. ALL WORK SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE. THE LATEST EDITION OF THE ILLINOIS DEPT. OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND ANY APPLICABLE LOCAL CODES.
- B-18. BEFORE INSTALLING LIGHT STANDARDS NEAR OVERHEAD UTILITIES CALL LOCAL UTILITY FOR LOCATION APPROVAL.
- B-19. LOCATION OF CONTROLLER CABINET SHALL BE VERIFIED IN THE FIELD BY THE ENGINEER BEFORE FOUNDATION IS EXCAVATED OR POURED.
- B-20. NO MATERIALS SHALL BE DELIVERED TO THE JOB SITE UNTIL ALL PERTINENT EQUIPMENT SUBMITTALS HAVE BEEN APPROVED BY THE ENGINEER.
- B-21. CONTRACTOR TO COORDINATE ALL SERVICE CONNECTIONS WITH LOCAL UTILITY COMPANY. CONTRACTOR SHALL PROVIDE THE PAD FOR TRANSFORMER PER LOCAL UTILITY REQUIREMENTS AND COIL SUFFICIENT CABLES AT TRANSFORMER FOR UTILITY CONNECTION.
- B-22. UPON COMPLETION OF THE PERMANENT LIGHTING SYSTEM THE CONTRACTOR SHALL REQUEST IN WRITING A REQUEST FOR PREFINAL INSPECTION A MINIMUM OF THREE DAYS NOTICE TO THE VILLAGE OF STREAMWOOD.
- B-23. ALL PAY ITEMS REFER TO THE IDOT STANDARDS FOR ROAD AND BRIDGE CONSTRUCTION LATEST EDITION, UNLESS OTHERWISE NOTED.

SUMMARY OF QUANTITIES Y030-1E				
NO.	CODE NO.	PAY ITEM	UNIT	TOTAL
1.	67100100	MOBILIZATION	L SUM	1
2.	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
2.	70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1
3.	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
4.	80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
5.	80400200	ELECTRIC UTILITY SERVICE CONNECTION	LSUM	1
6.	81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	584
7.	81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	1,064
8.	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	584
9.	82500505	LIGHTING CONTROLLER, SPECIAL	EACH	1
10.	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	625
11.	84200500	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	1
12.	87800215	CONCRETE FOUNDATION, TYPE D	EACH	1
13.	XX007584	CONDUIT, BORED AND PULLED, GALVANIZED STEEL, 2", SPECIAL	FOOT	3,956
14.	XX007585	ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 2/C NO. 8 & 1/C NO. 6 GROUND, SPECIAL	FOOT	934
15.	XX007586	ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 4/C NO. 6 & 1/C NO. 6 GROUND, SPECIAL	FOOT	4,820
16.	XX007587	LIGHT POLE, ALUMINUM, 32 FT. M.H., 4 FT. MAST ARM, WITH 250W HPS LUMINAIRE, SPECIAL	EACH	50
17.	XX007588	LIGHT POLE, ALUMINUM, 32 FT. M.H., DUAL 4 FT. MAST ARMS, WITH TWO 250W HPS LUMINAIRES, SPECIAL	EACH	1
18.	XX007589	LIGHT POLE, ALUMINUM, 32 FT. M.H., DUAL 4 FT. MAST ARMS, WITH TWO 400W HPS LUMINAIRES, SPECIAL	EACH	4

PLANS PREPARED BY:

GEWALT HAMILTON
ASSOCIATES, INC.

Consulting Engineers & Surveyors
850 Forest Ridge Drive
Verona Hills, IL 60051
(847) 478-9700
(847) 478-9701 Fax

REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES & GENERAL NOTES
IRVING PARK ROAD LIGHTING
STREAMWOOD, ILLINOIS

SCALE: 1"=30'
DATE: 6-16-08

DRAWN BY: DRS
DESIGNED BY: AJP
CHECKED BY: BLS