SUMMARY OF QUANTITIES

S.I.	CODE NO.	PAY ITEM	UNIT	QUAN		LIGHTS
					CONSTRUCTION TYPE CODE	Y030-1E
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1115		1115
	X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	100		100
	25200200	SUPPLEMENTAL WATERING	UNIT	21		21
	25200110	SODDING, SALT TOLERANT	SQ YD	1115		1115
	67100100	MOBILIZATION	L SUM	1		1
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1		1
	70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1		1
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1		1
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1		1
	80400100	ELECTRIC SERVICE INSTALLATION	EACH	1		1
	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1		1
	81018600	CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	280		280
	81018700	CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	430		430
	81100705	CONDUIT ATTACHED TO STRUCTURE, 2 1/2" DIA., PVC COATED GALVANIZED STEEL	FOOT	220		220
	81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	2		2
	81300730	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 16" X 14" X 6"	EACH	4		4
	81702440	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 1/0	FOOT	125		125
	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	2885		2885
	82102150	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 150 WATT	EACH	16		16
	82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	23		23
	82107100	UNDERPASS LUMINAIRE, 70 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	2		2
	83001200	LIGHT POLE, ALUMINUM, 35 FT. M.H., 6 FT. DAVIT ARM	EACH	2		2
	83001500	LIGHT POLE, ALUMINUM, 35 FT. M.H., 12 FT. DAVIT ARM	EACH	14		14
	83050730	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 8 FT. DAVIT ARM	EACH	8		8
	83050825	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. DAVIT ARM	EACH	15		15
	83050910	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 2-15 FT. MAST ARMS	EACH	1		1
	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	98		98
	83600215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	28		28
	83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	16		16
	83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	22		22
	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	33		33
	84200804	REMOVAL OF POLE FOUNDATION	EACH	1		1
	84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	2		2
	82500365	LIGHTING CONTROLLER, BASE MOUNTED, 480 VOLT, 150 AMP	EACH	1		1
	Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	2		2
	X8163090	UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	3344		3344
	XX007586	ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 4/C NO. 6 & 1/C NO. 6 GROUND, SPECIAL	FOOT	715		715

GENERAL NOTES :

1. ALL WORK TO CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND ANY APPLICABLE LOCAL CODES.
2. CONTRACTOR TO VERIFY LOCATION OF ALL UNDERGROUND UTILITIES BEFORE TRENCHING OR AUGERING.
3. BEFORE INSTALLING STANDARDS NEAR OVERHEAD FACILITIES CALL ComEd FOR APPROVAL OF LOCATION.
4. FOR LOCATION OF EXISTING UNDERGROUND ELECTRICAL CABLE CALL ComEd.
5. ALL CONDUIT TO BE 2.5" DIAMETER UNLESS OTHERWISE SPECIFIED.
6. CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO RESTORE ANY SPECIALIZED LANDSCAPING, (i.e. DECORATIVE ROCKS, SHRUBS, PLANTS, ETC.) OR SHALL REPLACE IT, THE COST OF WHICH SHALL BE INCLUDED IN THE COST OF THE LIGHT POLE ITEMS.
7. CARE IS TO BE TAKEN AS NOT TO DAMAGE ANY OF THE EXISTING TRAFFIC SIGNAL CONDUITS, DETECTORS AND EQUIPMENT. IF ANY OF THE TRAFFIC SIGNAL CONDUIT AND/OR EQUIPMENT IS DAMAGED, THE CONTRACTOR SHALL REPAIR AND/OR REPLACE THE CONDUIT AND/OR EQUIPMENT AT NO COST TO THE COUNTY, STATE, OR THE VILLAGE.
8. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENT FOR BURIED WARNING TAPE, SPECIFIED AS PART OF "TRENCH AND BACKFILL FOR ELECTRICAL WORK". THE INSTALLATION OF THE TAPE SHALL BE INSPECTED AND APPROVED BY THE RESIDENT ENGINEER PRIOR TO BACKFILLING OR DURING PLOWING OPERATIONS, AS APPLICABLE.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE. THE RESIDENT ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATING THE FINISHED GRADE ELEVATION WITH THE TOP OF THE FOUNDATION HEIGHTS AND THE LIGHT SHALL REMAIN WITH THE CONTRACTOR.
10. NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, AS APPROVED BY THE ENGINEER.
11. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR WIRE MARKERS AND SHALL TAG ALL WIRE MARKERS AND SHALL TAG ALL WIRE ACCORDINGLY.
12. EQUIPMENT GROUND CONDUCTORS SHALL BE SPLICED AND BONDED AT EACH LIGHT POLE OR OTHER PIECE OF EQUIPMENT.
13. CONDUIT AND UNIT DUCT MUST BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH TREES, BUSHES, DRAINS AND OTHER UTILITIES AND LANDSCAPING.
14. ALL DISTURBED AREAS WHERE RESTORATION IS NOT COVERED BY APPLICABLE SECTIONS OF THE SPECIAL PROVISIONS MUST BE RESTORED TO THE SATISFACTION OF THE ENGINEER. THE COST OF WHICH SHALL BE INCLUDED IN THE COST OF THE LIGHT POLE ITEMS.
15. THE EXACT LOCATIONS OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE LIGHTING SYSTEM. FOR THE LOCATIONS OF THE UTILITIES, CALL JULIE TOLL FREE AT 1-800-892-0123. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE EXISTING TRAFFIC SIGNAL CABLES AND CONDUITS.
16. SAW CUT JOINTS –
    THE REMOVAL AND/OR REPLACEMENT OF ANY DRIVEWAYS, PAVEMENT, CURB, SIDEWALK, ETC. SHALL BE ACCOMPLISHED BY MEANS OF A SAW CUT JOINT, AT THE DIRECTION OF THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE UNIT PRICE BID FOR THE VARIOUS ITEMS.
17. THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT 847-705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TRAFFIC CONTROL DEVICES.

* – INDICATES SPECIALTY ITEMS

Robinson ENGINEERING

PLAN			BY	DATE
NOTE BOOK NO.	SURVEYED			
	PLOTTED			
	ALIGNMENT CHECKED			
	BY			
	GRADES CHECKED BY			
	CADD FILE NAME			

PROFILE			BY	DATE
NOTE BOOK	SURVEYED			
	PLOTTED			
	GRADES CHECKED			
	B.M. NOTED			

FILE NAME = 09301-QUAN-01 - P01

USER NAME =	DESIGNED — PAP	REVISED — #1 06-11-10	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	CHECKED — PKB	REVISED — #2 06-29-10	
PLOT SCALE = N/A	DRAWN — MJD	REVISED —	
PLOT DATE = 04-28-10	CHECKED — DWS	REVISED —	

HARLEM AVENUE
STREET LIGHTING
SUMMARY OF QUANTITIES

SCALE: N/A | SHEET NO. 2 OF 15 SHEETS | STA. N/A | TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	10-00062-00-LT	COOK	15	2
		CONTRACT NO. 63486		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT ARA-M-9003(670)