

SUMMARY OF QUANTITIES

S.I.	CODE NO.	PAY ITEM	UNIT	QUAN	CONSTRUCTION TYPE CODE		LIGHTS
							Y030-1E
	21300010	EXPLORATION TRENCH, SPECIAL	FOOT	50			50
	25200650	SODDING, SALT TOLERANT (SPECIAL)	SQ YD	250			250
*	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1800			1800
*	44000600	SIDEWALK REMOVAL	SQ FT	1800			1800
	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	2			2
	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1			1
	81018600	CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	695			695
	81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	60			60
	81603030	UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	330			330
	81603090	UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	6050			6050
	81702440	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 1/0	FOOT	80			80
	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	650			650
	82102150	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 150 WATT	EACH	32			32
	82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	4			4
	83001400	LIGHT POLE, ALUMINUM, 35 FT. M.H. 10 FT. DAVIT ARM	EACH	36			36
	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	300			300
	83600215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	10			10
	83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	16			16
	84200500	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	15			15
	84200705	LIGHTING FOUNDATION REMOVAL, PARTIAL	EACH	15			15
	XX001399	UNIT DUCT, BORED AND PULLED	FOOT	4600			4600
	XX001579	LIGHTING CONTROLLER, CONSOLE TYPE	EACH	2			2
	XX006937	GROUND ROD, 5/8" DIA. X 10 FT.	EACH	38			38
	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1			1
	XX008228	LUMINAIRE, SODIUM VAPOR, 70 WATT, COACH LIGHT	EACH	32			32
	XX008229	DECORATIVE LIGHT POLE BASE	EACH	20			20

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 ComEd FOR APPROVAL OF LOCATION.
- FOR LOCATION OF EXISTING UNDERGROUND ELECTRICAL CABLE CALL Com Ed.
- ALL CONDUIT TO BE 2.5" 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, ETC.) OR SHALL REPLACE IT, THE COST OF WHICH SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- 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 CITY.
- 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.
- 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.
- NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, AS APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR WIRE MARKERS AND SHALL TAG ALL WIRE MARKERS AND SHALL TAG ALL WIRE ACCORDINGLY.
- EQUIPMENT GROUND CONDUCTORS SHALL BE SPLICED AND BONDED AT EACH LIGHT POLE OR OTHER PIECE OF EQUIPMENT.
- CONDUIT AND UNIT DUCT MUST BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH TREES, BUSHES, DRAINS AND OTHER UTILITIES AND LANDSCAPING.
- 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 WORK MUST BE CONSIDERED INCIDENTAL TO THE CONTRACT. SEPARATE PAYMENT WILL NOT BE MADE.
- 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.

\* - INDICATES SPECIALTY ITEMS



PLAN	DATE
REVISIONS	BY
PLOTTED	
ALIGNMENT CHECKED	
GRADE CHECKED	
GOOD FILE NAME	
NO.	

PROFILE	DATE
REVISIONS	BY
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GRADES CHECKED	
BY NOTED	

FILE NAME = 09307-QUAN-01	USER NAME =	DESIGNED -- DWS	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BROADWAY AVENUE STREET LIGHTING PARK AVENUE TO 151ST STREET (SIBLEY BOULEVARD) SUMMARY OF QUANTITIES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = N/A	CHECKED -- EJT	REVISED --	1025			09-00192-00-LT	COOK	10	2	
PLOT DATE = 10-19-09	DRAWN -- MJD	REVISED --	CONTRACT NO. 63286							
CHECKED -- PAP	REVISED --	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003 (333)								