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NOTE BOOK	
NO.	

SUMMARY OF QUANTITIES

S.I.	CODE NO.	PAY ITEM	UNIT	QUAN	CONSTRUCTION TYPE CODE		LIGHTS
						YO30-1E	
	21300010	EXPLORATION TRENCH, SPECIAL	FOOT	100			100
	25000210	SEEDING, CLASS 2A	ACRE	0.4			0.4
	25100105	MULCH, METHOD 1	ACRE	0.4			0.4
*	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	100			100
*	44000600	SIDEWALK REMOVAL	SQ FT	100			100
	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, 2.5" DIA., GALVANIZED STEEL	FOOT	350			350
	81702440	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 1/0	FOOT	150			150
	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	4250			4250
	82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	25			25
	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	230			230
	83600215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	20			20
	83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	25			25
	XX001579	LIGHTING CONTROLLER, CONSOLE TYPE	EACH	1			1
	XX006937	GROUND ROD, 5/8" DIA. X 10 FT.	EACH	25			25
	XX008226	UNIT DUCT, WITH 6-1/C NO. 4 AND 1/C NO. 6 GROUND, 600V (XLP-TYPE USE), 1 1/2" POLYETHYLENE	FOOT	4600			4600
	XX008227	LIGHT POLE, ALUMINUM, 40 FT. M.H. 10 FT. SCROLL ARM (SPECIAL)	EACH	25			25

* - INDICATES SPECIALTY ITEMS

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 ComEd.
- 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, 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 VILLAGE.
- 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.

SCHEDULE OF QUANTITIES - MCEVILLY ROAD

	FROM STA:	12+28	13+98	15+68	17+38	18+63	20+13	21+63	23+13	24+98	26+83	28+68	29+98	31+38	32+68	34+28
SEEDING, CLASS 2A	SQ YD	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016
MULCH, METHOD 1	SQ YD	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016
PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	50	0	0	0	50	0	0	0	0	0	0	0	0	0	0
SIDEWALK REMOVAL	SQ FT	50	0	0	0	50	0	0	0	0	0	0	0	0	0	0
CONDUIT PUSHED, 2.5" DIA., GALVANIZED STEEL	FOOT	51	0	0	0	50	0	0	0	0	0	54	0	46	0	0
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 1/0	FOOT	150	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	320	170	170	125	150	150	150	185	185	185	130	140	130	160	160
UNIT DUCT, WITH 6-1/C NO. 4 AND 1/C NO. 6 GROUND, 600V (XLP-TYPE USE), 1 1/2" POLYETHYLENE	FOOT	180	176	176	131	156	156	156	191	191	191	136	146	136	166	166

SCHEDULE OF QUANTITIES - RIDGE ROAD

	FROM STA:	23+18	25+03	26+80	28+73	30+58	32+43	34+28	36+08	37+68
SEEDING, CLASS 2A	SQ YD	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016
MULCH, METHOD 1	SQ YD	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016
PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	0	0	0	0	0	0	0	0	0
SIDEWALK REMOVAL	SQ FT	0	0	0	0	0	0	0	0	0
CONDUIT PUSHED, 2.5" DIA., GALVANIZED STEEL	FOOT	60	0	83	0	0	0	0	27	0
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 1/0	FOOT	0	0	0	0	0	0	0	0	0
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	185	177	193	185	185	185	180	160	167
UNIT DUCT, WITH 6-1/C NO. 4 AND 1/C NO. 6 GROUND, 600V (XLP-TYPE USE), 1 1/2" POLYETHYLENE	FOOT	191	183	199	191	191	191	186	166	242



FILE NAME = 09230-QUAN-01 - P01	USER NAME =	DESIGNED -- DWS	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIDGE ROAD & MCEVILLY ROAD STREET LIGHTING SINGLE LINE WIRING DIAGRAM		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = N/A	CHECKED -- PAP	REVISED --		0393	09-00054-00-LT	GRUNDY	11	2			
	PLOT DATE = 10-21-09	DRAWN -- MJD	REVISED --		SCALE: N/A		SHEET NO. 2 OF 11 SHEETS		STA. N/A TO STA. N/A	CONTRACT NO. 87438		
		CHECKED -- PAP	REVISED --		FED. ROAD DIST. NO. 3		ILLINOIS		FED. AID PROJECT ARA-003 (341)			