

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	3152WRS	COOK	195	86
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 62742	

SUMMARY OF TRAFFIC SIGNAL QUANTITIES	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE							
			MONEE	SAUK	MAIN	NORWOOD/ 26TH	NORWOOD PLAZA	NORTH/ BEACON	ILLINOIS/ 16TH	INTER- CONNECT
			YO31-1F	YO31-1F	YO31-1F	YO31-1F	YO31-1F	YO31-1F	YO31-1F	YO31-1F
SIGN PANEL, TYPE 1	SQ FT	48						48		
RELOCATE SIGN PANEL, TYPE 1	SQ FT	90			18	45			27	
RELOCATE SIGN PANEL, TYPE 2	SQ FT	25			25					
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	6596	348		268	308			53	5619
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	415	20	27	96	83		120	69	
CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	48			48					
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	30				20			10	
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	1146	73			117				956
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	829			188	306		210	125	
HANDHOLE	EACH	18	1		3	3		1		10
HEAVY-DUTY HANDHOLE	EACH	3				3				
DOUBLE HANDHOLE	EACH	2				1			1	
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	7328	409		449	493		247	111	5619
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2	1	1						
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	6	1	1	1	1		1	1	
TRANSCIVER - FIBER OPTIC	EACH	6	1	1	1	1		1	1	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	3447		290	690	842		1007	618	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	6938	311	306	1449	2004		1957	911	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4800	817		782	666		987	1548	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	5741	161		725	2618		1562	675	
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	8700	868		1486	1863		2569	1914	
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	212			18	62		69	63	
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	2		1	1					
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	2	2							
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	9	1		2			4	2	
TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1							1	
STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.	EACH	1							1	
STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1							1	
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1				1				
STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1				1				
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	2				2				
CONCRETE FOUNDATION, TYPE A	FOOT	44	4		8			16	16	
CONCRETE FOUNDATION, TYPE C	FOOT	4							4	
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	180			30	60		60	30	
DRILL EXISTING HANDHOLE	EACH	73	10		2	22		24	7	8
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	14	3		3	2		4	2	
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5	2		3					
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5			3			2		
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	14	1		1	6		4	2	
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2							2	
SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2				2				
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	3	1					2		
SIGNAL HEAD, LED, 3-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1	1							
SIGNAL HEAD, LED, 3-FACE, 2-3 SECTION, 1-5 SECTION BRACKET MOUNTED	EACH	2							2	
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	10			2			4	4	
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	9			2	4		2	1	
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	28	4		4	8		8	4	
INDUCTIVE LOOP DETECTOR	EACH	50	6	8	7	10		10	9	
DETECTOR LOOP, TYPE I	FOOT	4120	457	453	538	1102		941	629	
* LIGHT DETECTOR	EACH	8	2			2		2	2	
* LIGHT DETECTOR AMPLIFIER	EACH	4	1			1		1	1	
PEDESTRIAN PUSH-BUTTON	EACH	19			4	4		6	5	
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	4			1	1		1	1	
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2		2						
RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	2		2						
RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE	EACH	6			2			4		
MODIFY EXISTING CONTROLLER FOUNDATION	EACH	1	1							
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	36371	1134	553	4200	7743	3504	6391	5159	7687
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	375		375						
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	7	1	1	1	1	1	1	1	
REMOVE EXISTING HANDHOLE	EACH	20				5	4	2	2	7
REMOVE EXISTING CONCRETE FOUNDATION	EACH	37	1		4	9	7	8	8	
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	12100								12100
SERVICE INSTALLATION, GROUND MOUNTED	EACH	2			1				1	
SERVICE INSTALLATION, POLE MOUNTED	EACH	3	1	1				1		
UNINTERRUPTIBLE POWER SUPPLY	EACH	6	1	1	1	1		1	1	
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	13600								13600
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6, 1C	FOOT	2535			402	1088		585	460	
RELOCATE LIGHT DETECTOR	EACH	4			2					
REBUILD EXISTING HANDHOLE TO HEAVY-DUTY HANDHOLE	EACH	1				1				
FLASHING BEACON AND FLASHER CONTROLLER	EACH	1		1						
* ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED & SHIELDED	FOOT	1580	315		297	301		539	128	
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL II	EACH	1								1

* 100% COST TO THE VILLAGE OF PARK FOREST

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
WESTERN AVENUE
MONEE ROAD TO ILLINIOS ST/16TH ST.

SCALE: VERT. DRAWN BY JLA
HORIZ. DESIGNED BY KK/BPT
DATE 5/17/2007 CHECKED BY JTL/BPT

PLOT DATE = 5/18/2007
FILE NAME = J:\mncor\3528054\sign\mnc\00_summary.dgn
USER = JLA