

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1602	2004-021TS	COOK	25	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62740				

PERCENTAGES									
LOCATION OF WORK									
SUMMARY OF QUANTITIES									
CONSTRUCTION TYPE CODE									
CODE NO.	ITEM	UNIT	TOTAL	Y 031-1F	Y 031-1F	Y 031-1F	Y 031-1F	Y 031-1F	Y 031-1F
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	0.5	1.5	1.5	0.5		2
67100100	MOBILIZATION	L.SUM	1	0.2	0.2	0.2	0.2		0.2
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L.SUM	1	0.2	0.2	0.2	0.2		0.2
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L.SUM	1	0.2	0.2	0.2	0.2		0.2
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L.SUM	1	0.2	0.2	0.2	0.2		0.2
72000100	SIGN PANEL - TYPE 1	SQ.FT.	60		30	30			
80600400	GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	8	4			4		
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	4189		486	540			3163
81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	175		87	88			
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	1280			85			1195
81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	349		172	177			
81100600	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	48		24				24
81400100	HANDHOLE	EACH	15		5	5			5
81400300	DOUBLE HANDHOLE	EACH	2		1	1			
81500200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	4364		573	628			3163
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	4	1	1	1	1		
85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	4	1	1	1	1		
86400100	TRANSCEIVER - FIBER OPTIC	EACH	4	1	1	1	1		
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO.6 1C	FOOT	2841	1050	426	512	853		
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 2C	FOOT	1167		442	725			
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C	FOOT	1933		956	977			
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	FOOT	3396		1706	1690			
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4972	823	681	726	2742		
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	461	175	19	89	178		
X8710020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125 MM 12F & SM12F	FOOT	5705						5705
X0322925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	5705						5705
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 14 FT.	EACH	5		2	3			
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT.	EACH	3				3		
87700150	STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.	EACH	4		2	2			
87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	2		2				
87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	2			2			
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	25		10	15			
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	8		4	4			
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	120		60	60			
87900200	DRILL EXISTING HANDHOLE	EACH	2						2
X8800035	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	8		4	4			
X8800020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	21	1	8	8	4		
X8800040	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4				4		
X8800045	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	11	7			4		
X8800070	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3	3					
X8805280	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION BRACKET MOUNTED	EACH	1	1					
X8810610	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	20	6		6	8		
X8810620	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	6	1	4	1			
88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	32	8	8	8	8		
88500100	INDUCTIVE LOOP DETECTOR	EACH	39	14	4	4	17		
88600100	DETECTOR LOOP, TYPE 1	FOOT	693		304	316	73		
88800100	PEDESTRIAN PUSH-BUTTON	EACH	26	7	4	7	8		
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2		1	1			
X8050015	SERVICE INSTALLATION, POLE MOUNTED	EACH	4	1	1	1	1		
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	4	1	1	1	1		
89502380	REMOVE EXISTING HANDHOLE	EACH	10		6	4			
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	16		8	8			
XX002856	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM	L.SUM	1						1
X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	519		184	335			

*SPECIALTY ITEMS

SETON ENGINEERING
 CIVIL ENGINEERS
 19 S. BOTHWELL STREET
 PALATINE, ILLINOIS 60067
 VOICES 847-776-7200 FAX 847-776-7239
 SETON PROJECT # 2008001-201-211

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 ILL. ROUTE 83 (147TH STREET) FROM
 ILL. ROUTE 50 (CICERO AVENUE) TO
 PULASKI ROAD
 MIDLOTHIAN, ILLINOIS
 SCALE: NONE
 DATE 09-20-2004
 DRAWN BY CWC
 DESIGNED BY VO
 CHECKED BY TJM