

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
339	584 Y-TS	COOK	17	2
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

FUNDING BREAKDOWN		90% FED. 10% STATE	90% FED. 10% STATE	100% VILLAGE			
LOCATION OF WORK		GREENWOOD AVENUE	INTERCONNECT	GREENWOOD AVENUE			
		URBAN	TRAFFIC SIGNALS	TRAFFIC SIGNALS			
CODE NO.	PAY ITEM	UNIT	TOTAL	Y031-1F	Y031-1F	Y031-3D	PREEMPTION
67100100	MOBILIZATION	L SUM	1	1			
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1			
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1			
** 72000100	SIGN PANEL - TYPE 1	SQ FT	36.5	36.5			
** 72000200	SIGN PANEL - TYPE 2	SQ FT	25	25			
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	899	747	152		
81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	106	106			
81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	12	12			
81001100	CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL	FOOT	10	10			
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	513	458	55		
81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	357	357			
81400100	HANDHOLE	EACH	6	6			
81400200	HEAVY-DUTY HANDHOLE	EACH	4	4			
81400300	DOUBLE HANDHOLE	EACH	2	2			
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1022	870	152		
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2		2		
85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET (SPECIAL)	EACH	1	1			
86400100	TRANSCEIVER - FIBER OPTIC	EACH	1	1			
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	570				570
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2648	2648			
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1084	1084			
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN NO. 14 1 PAIR	FOOT	2406	2406			
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	141	141			
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 14 FT.	EACH	2	2			
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT.	EACH	1	1			
87700160	STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	1	1			
87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1	1			
87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1	1			
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12	12			
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4	4			
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	30	30			
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	15	15			
87900200	DRILL EXISTING HANDHOLE	EACH	1		1		
88030020	SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	7	7			
88030110	SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	3	3			
88030210	SIGNAL HEAD, L.E.D., 2-FACE, 3 SECTION, BRACKET MOUNTED	EACH	2	2			
88030220	SIGNAL HEAD, L.E.D., 2-FACE, 5 SECTION, BRACKET MOUNTED	EACH	1	1			
88030240	SIGNAL HEAD, L.E.D., 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1	1			
88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	10	10			
88500100	INDUCTIVE LOOP DETECTOR	EACH	9	9			
88600100	DETECTOR LOOP, TYPE I	FOOT	654	654			
* 88700200	LIGHT DETECTOR	EACH	3				3
* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	1				1
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	1			
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	1			
89502380	REMOVE EXISTING HANDHOLE	EACH	11	11			
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9	9			
X0322925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	2469		2469		
X8050015	SERVICE INSTALLATION, POLE MOUNT	EACH	1	1			
X8620020	UNINTERRUPTIBLE POWER SUPPLY	EACH	1	1			
X8710020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	2521		2521		
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	695	695			
* X8730250	ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED, SHIELDED	FOOT	570				570
X0325705	RE OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1		1		
X0325737	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1	1			
87700400	STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.	EACH	1	1			
X0325742	CONCRETE FOUNDATION, TYPE E (SPECIAL)	FOOT	15	15			

\* 100% COST TO VILLAGE OF NILES  
 \*\* SPECIALTY ITEMS

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND GOVERNMENT AGENCIES.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN CONSENT FROM THE DEPARTMENT.
- ALL DIMENSIONS, INCLUDING RADII, ARE GIVEN TO THE CENTERLINE UNLESS OTHERWISE NOTED.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR II BARRICADE USED, ONE (1) SAND BAG ACROSS EACH BOTTOM RAIL. TYPE III BARRICADES SHALL HAVE FOUR (4) WEIGHTED SAND BAGS.
- PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, THE WORK IS NOT REQUIRED, THE ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ALL EXISTING LANDSCAPING DISTURBED BY THE CONSTRUCTION OPERATIONS SHALL BE RESTORED, AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.

**RESTORATION OF WORK AREA.** RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIAN, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE:  
 THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUMMARY OF QUANTITIES AND  
 GENERAL NOTES  
 ILL. RTE 58 (GOLF ROAD)

SCALE: NOT TO SCALE  
 DATE: 3/16/2007  
 DRAWN BY: CEC  
 DESIGNED BY: BRD/KEH  
 CHECKED BY: JJE