

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2005-058-TS	LAKE	23	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT # 60A47

PERCENTAGES		LOCATION OF WORK		U.S. RTE. 41 & AMHURST PKWY.	U.S. RTE. 41 & 22ND STREET (M.L. KING JR. DRIVE)	U.S. RTE. 41 & IL. RTE 137	U.S. RTE. 41 FROM IL. RTE. 137 TO AMHURST PKWY. INTERCONNECT
SUMMARY OF TRAFFIC SIGNAL QUANTITIES				CONSTRUCTION CODE			
ITEM	UNIT	TOTAL	Y031 1F	Y031 1F	Y031 1F	Y031 1F	Y031 1F
67100100 MOBILIZATION	L SUM	1	0.30	0.30	0.10	0.30	
70102620 TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.25	0.25	0.25	0.25	
70102635 TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.25	0.25	0.25	0.25	
70102640 TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	0.25	0.25	0.25	0.25	
81000600 CONDUIT IN TRENCH, 2" DIA. GALVANIZED STEEL	FOOT	6225					6225
81018500 CONDUIT PUSHED, 2" DIA. GALVANIZED STEEL	FOOT	235					235
81400200 HEAVY DUTY HANDHOLE	EACH	12					12
81900200 TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	6225					6225
85000200 MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	3	1	1	1		
85700205 FULL-ACTUATED CONTROLLER AND TYPE IV CABINET (SPECIAL)	EACH	1	1				
X0325706 RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE IV CABINET (SPECIAL)	EACH	2		1	1		
86400100 TRANSCEIVER - FIBER OPTIC	EACH	3	1	1	1		
87301225 ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3 C	FOOT	1567	580	987			
87301805 ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	198	198				
87301305 ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	856		856			
X8730027 ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1 C	FOOT	198	198				
X0322925 ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1 C	FOOT	8027.5					8027.5
X8710020 FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125 MM12F & SM12F	FOOT	8079.5					8079.5
* X8730250 ELECTRIC CABLE IN CONDUIT NO. 20 3C, TWISTED, SHIELDED	FOOT	987		987			
87900200 DRILL EXISTING HANDHOLE	EACH	6					6
88200210 TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	18	5	13			
88500100 INDUCTIVE LOOP DETECTOR	EACH	45	7	15	23		
* 88700200 LIGHT DETECTOR	EACH	4		4			
* 88700300 LIGHT DETECTOR AMPLIFIER	EACH	1		1			
* X0301023 CONFIRMATION BEACON	EACH	3	3				
89502300 REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	183	183				
89502375 REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	3	1	1	1		
88030020 SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	15	4	11			
88030050 SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	9	4	5			
88030100 SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1	1				
88030110 SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	3	1	2			
88030210 SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1		1			
88030240 SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	2		2			
88030310 SIGNAL HEAD, LED, 3-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1	1				
X8050015 SERVICE INSTALLATION, POLE MOUNTED	EACH	1	1				
89100400 ILLUMINATED SIGN, LED	EACH	2		2			
X0325705 RE OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	3				3	
XX006661 UNINTERRUPTABLE POWER SUPPLY	EACH	3	1	1	1		
67000400 ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	1	1	1		

* COST TO BE PAID BY CITY OF NORTH CHICAGO
Y031-30 (1001.CITY)

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEMS SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, 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.

Rev. 4-18-07

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
 U.S. RTE. 41
 AMHURST PARKWAY TO
 U.S. RTE. 137
 SCALE: NTS
 DATE: 1/31/07
 DRAWN BY: PRT
 DESIGNED BY: RKF
 CHECKED BY: JVV