

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2007-036 TS	COOK	13	2
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

FUNDING BREAKDOWN		90% FED. / 10% STATE	100% R.F.P.D.
LOCATION OF WORK		104TH AVENUE	104TH AVENUE
		TRAFFIC SIGNALS	PREEMPTION

SUMMARY OF QUANTITIES

CODE	PAY ITEM	UNIT	TOTAL	YO31-1F	YO31-3D
X0325-25	PAVEMENT REPLACEMENT	SQ YD	4	4	
6710010	MOBILIZATION	L SUM	1	1	
7010260	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	
** 7200010	SIGN PANEL - TYPE 1	SQ FT	13.5	13.5	
** 72000200	SIGN PANEL - TYPE 2	SQ FT	50	50	
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	1704	1704	
81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	92	92	
81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	91	91	
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	45	45	
81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	216	216	
81030100	CONDUIT SPLICE	EACH	2	2	
81400100	HANDHOLE	EACH	3	3	
81400200	HEAVY-DUTY HANDHOLE	EACH	9	9	
81400300	DOUBLE HANDHOLE	EACH	1	1	
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1882	1882	
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	1	
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1	1	
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	314		314
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	824	824	
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1528	1528	
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN NO. 14 1 PAIR	FOOT	2093	2093	
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	1188	1188	
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT.	EACH	2	2	
87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1	1	
87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1	1	
87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 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	30	30	
88030020	SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	4	4	
88030100	SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4	4	
88030110	SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4	4	
88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	8	8	
88500100	INDUCTIVE LOOP DETECTOR	EACH	8	8	
88600100	DETECTOR LOOP, TYPE I	FOOT	480	480	
* 88700200	LIGHT DETECTOR	EACH	2		2
* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	1		1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	1	
89502380	REMOVE EXISTING HANDHOLE	EACH	5	5	
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	4	4	
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	102.8	102.8	
X8050010	SERVICE INSTALLATION, GROUND MOUNT	EACH	1	1	
X8050015	SERVICE INSTALLATION, POLE MOUNT	EACH	1	1	
X8620020	UNINTERRUPTIBLE POWER SUPPLY	EACH	1	1	
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	1599	1599	
* X8730250	ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED, SHIELDED	FOOT	314		314

* 100% COST TO PALOS FIRE PROTECTION DISTRICT
 ** 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.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES AND GENERAL NOTES ILL. RTE 83 (CAL SAG RD./111TH ST.) & 104TH AVENUE
NAME	DATE	

SCALE: NOT TO SCALE
 DATE: 8/10/2007
 DRAWN BY: CEC
 DESIGNED BY: BRD
 CHECKED BY: JJE