CONTRACT NO. 83987

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
363	06-00339-00-TL	KANE	33	2
STA.		TO STA.		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

	CODE NO.	PAY ITEM	UNIT	TOTAL	WESTERN AVENUE (FUNDING BREAKDOWN / LOCATION OF WORK)	ILL. RTE. 31 (BATAVIA AVENUE)	ILL. RTE. 25 (WASHINGTON/ CRISSEY AVENUE)	RADDANT ROAD	KIRK ROAD	FABYAN PARKWAY
					TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	INTERCONNECT
					Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F
	67100100	MOBILIZATION	L SUM	1						
Δ	70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1						
	81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	9708			65			9643
	81000700	CONDUIT IN TRENCH, 2½" DIA., GALVANIZED STEEL	FOOT	229		57	101		71	
	81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	22					22	
	81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	103		26	77			
	81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	1288			90			1198
	81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	181			181			
	81100600	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	1310						1310
	81300720	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 16" X 12" X 8"	EACH	3						3
Δ	81306500	REMOVE EXISTING JUNCTION BOX	EACH	4			4			
	81400100	HANDHOLE	EACH	19						19
	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	10042		83	223		93	9643
	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	3	1			1	1	
Δ	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		
	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	637		220			417	
	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2249	98	699	425	199	828	
	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	5852		2128	2132		1592	
	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	4351		1741	1742		868	
	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	8706	868	2497	2602	811	1928	
	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	222		48	174			
	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT.	EACH	8		4	4			
	87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1		1				
	87702900	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1			1			
	87702910	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	2		1	1			
	87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	2		1	1			
	87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	2					2	
	87702960	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	2					2	
	87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1			1			
Δ	87704090	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 32 FT. (SPECIAL)	EACH	1		1				
	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	4			4			
	87800410	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	15		15				
	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	165		45	60		60	
	87900200	DRILL EXISTING HANDHOLE	EACH	29		4	11		4	10
	88030020	SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	20		6	6		8	
	88030110	SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	8		4	4			
	88030240	SIGNAL HEAD, L.E.D., 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	8		4	4			
	88102710	PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED	EACH	4		2			2	
	88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	32		10	10		12	
	88500100	INDUCTIVE LOOP DETECTOR	EACH	24	4	6	6		8	
	88800100	PEDESTRIAN PUSH-BUTTON	EACH	4		2			2	
	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2		1	1			
	89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	4					4	
Δ	89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	6		2	2		2	
Δ	89501410	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	4	1	1	1	1		
Δ	89502200	MODIFY EXISTING CONTROLLER	EACH	1					1	
	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	19072	1031	6882	6509	1404	3246	
	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	5	1	1	1	1	1	
	89502380	REMOVE EXISTING HANDHOLE	EACH	7	1	1	4	1		
	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	13		4	5		4	
Δ	X0322925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	14533						14533
Δ	X0324007	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1						1
Δ	X8620020	UNINTERRUPTIBLE POWER SUPPLY	EACH	5	1	1	1	1	1	
Δ	X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	596		160	436			
Δ	X8730250	ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED, SHIELDED	FOOT	1037		385	342		310	
Δ	XX007252	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 16 3/C	FOOT	4580	1026	900	958	861	835	
Δ	XX003660	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM24F SM12F	FOOT	14629						14629
Δ	XX003661	ELECTRIC CABLE IN CONDUIT, COAXIAL	FOOT	5240	1124	1090	1041	1060	925	
Δ	XX003662	ELECTRIC CABLE IN CONDUIT, VIDEO, NO. 20 3C	FOOT	565	98	95	83	199	90	
Δ	XX005723	VIDEO DETECTION SYSTEM COMPLETE INTERSECTION	EACH	5	1	1	1	1	1	
Δ	X0325737	TEMPORARY TRAFFIC SIGNAL TIMINGS	EACH	2		1	1			
Δ	XX007251	INTERSECTION VIDEO TRAFFIC MONITORING SYSTEM WITH PTZ CAMERA	EACH	4	1	1	1	1		
Δ	XX007250	RELOCATE EXISTING PTZ CAMERA	EACH	1					1	

Δ DENOTES ITEMS REQUIRING SPECIAL PROVISIONS
* DENOTES SPECIALTY ITEMS

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).

2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND GOVERNMENT AGENCIES.

3. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN CONSENT FROM THE DEPARTMENT.

4. ALL DIMENSIONS, INCLUDING RADII, ARE GIVEN TO THE CENTERLINE UNLESS OTHERWISE NOTED.

5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

6. 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.

7. 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.

8. ALL EXISTING LANDSCAPING DISTURBED BY THE CONSTRUCTION OPERATIONS SHALL BE RESTORED, AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.

STATE STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
701011-01	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-01	OFF-ROAD OPERATIONS, MULTILANE, 4.5 m (15') TO 600 mm (24") FROM PAVEMENT EDGE
701606-05	URBAN LANE CLOSURE, MULTILANELANE, 2W WITH MOUNTABLE MEDIAN
701701-05	URBAN LANE CLOSURE, MULTILANE, INTERSECTION
701901	TRAFFIC CONTROL DEVICES
814001-01	HANDHOLES
857001	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001	UNINTERRUPTABLE POWER SUPPLY (UPS)
877001-03	STEEL MAST ARM ASSEMBLY AND POLE
877011-03	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
878001-06	CONCRETE FOUNDATION DETAILS
880001	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006	TRAFFIC SIGNAL MOUNTING DETAILS

THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, SHALL GOVERN THIS WORK.

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 SHOULDER, MEDIAN, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SALT TOLERANT 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 "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

REVISIONS	
NAME	DATE

KANE COUNTY DIVISION OF TRANSPORTATION

SUMMARY OF QUANTITIES AND GENERAL NOTES

FABYAN PARKWAY
WESTERN AVENUE TO KIRK ROAD

SCALE: NOT TO SCALE
DATE: 12/14/2007

DRAWN BY: CEC
DESIGNED BY: BRD/JSH
CHECKED BY: JJE