SUMMARY OF QUANTITIES

90% FED.
10% STATE

					ILL RTE 25 (DUNDEE AVE) AT I-90 RAMP		ILL RTE 58 (SUMMIT ST) AT ILL RTE 25 (LIBERTY ST)		INTERCONNECT - ILL RTE 58 (SUMMIT ST) BETWEEN ILL RTE 25 (LIBERTY ST) AND WAVERLY DR		ILL RTE 31 (STATE ST) AT KIMBALL ST/ LAWRENCE AVE		ILL RTE 31 (SOUTH STATE ST) AT WALNUT AVE/ NATIONAL ST		US RTE 20 WESTBOUND RAMP AT SOUTH McLEAN BLVD		US RTE 20 EASTBOUND EXIT RAMP/WELD RD AT SOUTH McLEAN BLVD		ILL RTE 31 (LA FOX ST) AT STATE ST	
					CONSTRUCTION CODES															
NO.	CODE NO.	ITEM	UNIT	TOTAL	Y031-1F	100% CITY OF ELGIN Y031-3D *	Y031-1F	100% CITY OF ELGIN Y031-3D *	Y031-1F	100% CITY OF ELGIN Y031-3D *	Y031-1F	100% CITY OF ELGIN Y031-3D *	Y031-1F	100% CITY OF ELGIN Y031-3D *	Y031-1F	100% CITY OF ELGIN Y031-3D *	Y031-1F	100% CITY OF ELGIN Y031-3D *	Y031-1F	100% VILLAGE OF SOUTH ELGIN Y031-3D **
1.	20200100	EARTH EXCAVATION	CU YD	25	15		10													
2.	31100300	SUB-BASE GRANULAR MATERIAL, TYPE A, 4"	SQ YD	80	80															
3.	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	18	18															
4.	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	12	12															
5.	42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	2,010			1,550												460	
6.	42400800	DETECTABLE WARNINGS	SQ FT	100															100	
7.	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	115	115															
8.	44000600	SIDEWALK REMOVAL	SQ FT	1,410			950												460	
9.	44003100	MEDIAN REMOVAL	SQ FT	720	720															
10.	44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	80	80															
11.	67000200	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	2		2													
12.	67100100	MOBILIZATION	L SUM	1	0.25		0.25				0.1		0.1		0.1		0.1		0.1	
13.	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.25		0.25				0.1		0.1		0.1		0.1		0.1	
14.	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.25		0.25				0.1		0.1		0.1		0.1		0.1	
*** 15.	72000100	SIGN PANEL - TYPE 1	SQ FT	32.0							32.0									
*** 16.	72000200	SIGN PANEL - TYPE 2	SQ FT	77.5			52.5												25.0	
*** 17.	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	350	350															
*** 18.	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	250	250															
19.	81000600	CONDUIT IN TRENCH, 2" DIA, GALVANIZED STEEL	FOOT	1,999	756		823								420					
20.	81000700	CONDUIT IN TRENCH, 2-1/2" DIA, GALVANIZED STEEL	FOOT	213	38		57													118
21.	81000800	CONDUIT IN TRENCH, 3" DIA, GALVANIZED STEEL	FOOT	171	31		117												23	
22.	81001000	CONDUIT IN TRENCH, 4" DIA, GALVANIZED STEEL	FOOT	135	106		29													
23.	81018500	CONDUIT PUSHED, 2" DIA, GALVANIZED STEEL	FOOT	520	103		417													
24.	81018900	CONDUIT PUSHED, 4" DIA, GALVANIZED STEEL	FOOT	674	217		306												151	
25.	81400100	HANDHOLE	EACH	11	5		6													
26.	81400200	HEAVY-DUTY HANDHOLE	EACH	8	3		4								1					
27.	81400300	DOUBLE HANDHOLE	EACH	3	1		2													
28.	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	2,515	874		1,080								420				23	118
29.	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	6					1		1		1		1		1		1	
30.	85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1	1															
31.	85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	2			1								1					
32.	86000105	MASTER CONTROLLER, SPECIAL	EACH	1													1			
33.	86400100	TRANSCEIVER - FIBER OPTIC	EACH	3			1								1		1			
34.	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 2C	FOOT	1,814			1,054				176						461		123	
35.	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C	FOOT	2,932		349	1,126	233								357		431		436
36.	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	FOOT	2,656	1,205		1,087												364	
37.	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	FOOT	2,557	970		1,323												264	
38.	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	5,192	1,727		2,682								783					
39.	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	541	79		65						130		204				63	
40.	87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 14 FT	EACH	1	1															
41.	87501200	TRAFFIC SIGNAL POST, 16 FT	EACH	4			4													
42.	87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 18 FT	EACH	4	1						2									1
43.	87700160	STEEL MAST ARM ASSEMBLY AND POLE, 24 FT	EACH	2			2													
44.	87700170	STEEL MAST ARM ASSEMBLY AND POLE, 26 FT	EACH	1	1															
45.	87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT	EACH	1															1	
46.	87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT	EACH	2			2													
47.	87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT	EACH	2	1														1	
48.	87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT	EACH	1	1															
49.	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	36	8		16				8									4
50.	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	8	4		4													
51.	87800400	CONCRETE FOUNDATION, TYPE E, 30 INCH DIAMETER	FOOT	30	10		20													
52.	87800415	CONCRETE FOUNDATION, TYPE E, 36 INCH DIAMETER	FOOT	68	24		22												22	
53.	87900200	DRILL EXISTING HANDHOLE	EACH	9			1								1				8	1
54.	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	34	3		6				11		4		3		2		5	
55.	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	9	3						3				2				1	
56.	88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	3											1		1		1	
57.	88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	1															1	
58.	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	6			4												2	
59.	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	18	4		4				1		4		1		2		2	
60.	88030210	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2							2									
61.	88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	6							1		4				1			
62.	88030250	SIGNAL HEAD, LED, 2-FACE, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	2											1		1			
63.	88030310	SIGNAL HEAD, LED, 3-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1	1															
64.	88102710	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	2							2									
65.	88102740	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	2							2									
66.	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	18									8		4		2		4	
67.	88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8			4										2		2	
68.	88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	53	7		10				12		8		4		4		8	
69.	88500100	INDUCTIVE LOOP DETECTOR	EACH	33	7		10								8		8			
70.	88600100	DETECTOR LOOP, TYPE I	FOOT	1,396	752		609								35					
71.	88700200	LIGHT DETECTOR	EACH	11		2		2								2		2		3
72.	88700300	LIGHT DETECTOR AMPLIFIER	EACH	5		1		1								1		1		1
73.	88800100	PEDESTRIAN PUSH-BUTTON	EACH	40			8				6		8		4		6		8	
74.	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2	1		1													
75.	89100400	ILLUMINATED SIGN, LED	EACH	2							2									
76.	89502200	MODIFIY EXISTING CONTROLLER	EACH	1															1	
77.	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4,366					3,738				234		191				203	
78.	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	7	1		1				1		1		1		1		1	
79.	89502380	REMOVE EXISTING HANDHOLE	EACH	20	9		11													
80.	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	17	8		9													
81.	X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	179.9	77.1		102.8													
82.	X0322925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	1,926					1,926											
83.	X0325737	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2	1		1													
84.	X8050015	SERVICE INSTALLATION - POLE MOUNTED	EACH	5	1		1						1		1				1	
85.	X8140074	GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	6															6	
86.	X8620020	UNINTERRUPTIBLE POWER SUPPLY	EACH	6	1		1						1		1		1		1	
87.	X8710020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	1,926					1,926											
88.	X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	2,190	598		767						117		191				607	
89.	X8730250	ELECTRIC CABLE IN CONDUIT, NO. 20 3C, TWISTED, SHIELDED	FOOT	1,175		349		233												593
90.	X9000406	BRICK PAVER REMOVAL AND REPLACEMENT	SQ FT	125															125	
91.	X9001621	BRICK PAVER REMOVAL	SQ FT	600	600															
92.	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1							1									
93.	Z0062450	SAWING PAVEMENT (FULL DEPTH)	FOOT	115	115															
94.	X0326856	RADIO ACTIVATED SOLAR ADVANCE FLASHING BEACON SYSTEM (COMPLETE)	EACH	1							1									

* 100% OF THE COST SHALL BE PAID BY THE CITY OF ELGIN

** 100% OF THE COST SHALL BE PAID BY THE VILLAGE OF SOUTH ELGIN

*** SPECIALTY ITEM

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

PAY ITEM	AIR VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	4% @ 70 GYRATIONS
CLASS D PATCH (HMA BINTER IL-19 MM)	4% @ 70 GYRATIONS

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQYD/IN

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

FILE NAME = 4085.852-TR1.dwg	USER NAME = GHA	DESIGNED - JRD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - ZCW	REVISED -			VARIES	2009-105-TS	KANE	36 / 2
	PLOT SCALE = 1" = .0833'	CHECKED - KLB	REVISED -					CONTRACT #: 60J01	
	PLOT DATE = 12/9/2009	DATE - 11/20/09	REVISED -		SCALE: N.A. SHEET NO. OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		