

SUMMARY OF QUANTITIES					ILL RTE 25 AT I-90 RAMP	ILL RTE 58 (SUMMIT ST) AT ILL RTE 25 (LIBERTY ST)	INTERCONNECT - ILL RTE 58 (SUMMIT ST) AT ILL RTE 25 (LIBERTY ST) AND WAVERLY DR	ILL RTE 31 (STATE ST) AT HUMBALL 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				
NO.	CODE NO.	ITEM	UNIT	TOTAL	CONSTRUCTION CODES											
					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 *
1	20200100	EARTH EXCAVATION	CU YD	25	15											
2	31103300	SUB-BASE GRANULAR MATERIAL, TYPE A, 4"	CU YD	80	80											
3	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	18	18											
4	40603340	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	12	12											
5	42402000	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	2,010		1,550										
6	42402000	DETECTABLE WARRINGS	SQ FT	100											450	
7	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	115	115										100	
8	44000600	SIDEWALK REMOVAL	SQ FT	1,410		950									460	
9	44003100	MEDIAN REMOVAL	SQ YD	720		720										
10	44003100	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	80		80										
11	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4		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 70150d	L SUM	1	0.25	0.25		0.1		0.1		0.1		0.1		0.1
14	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 70170f	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	1,898		756					420					
20	81000700	CONDUIT IN TRENCH, 2-1/2" DIA, GALVANIZED STEEL	FOOT	95		38										
21	81000800	CONDUIT IN TRENCH, 3" DIA, GALVANIZED STEEL	FOOT	170		31										23
22	81001000	CONDUIT IN TRENCH, 4" DIA, GALVANIZED STEEL	FOOT	729		100										
23	81018500	CONDUIT PUSHED, 2" DIA, GALVANIZED STEEL	FOOT	520		103										
24	81018900	CONDUIT PUSHED, 4" DIA, GALVANIZED STEEL	FOOT	674		217										151
25	81400100	HANDHOLE	EACH	11		5										
26	81400200	HEAVY-DUTY HANDHOLE	EACH	8		3					1					
27	81400300	DOUBLE HANDHOLE	EACH	3		1										
28	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	2,397		874					420					
29	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	6							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												
33	86400100	TRANSCIVER - FIBER OPTIC	EACH	1		1										
34	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 2C	FOOT	2,095		1,054		176								
35	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C	FOOT	2,717		1,126	233				357			431		
36	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	FOOT	2,975	1,205	1,087										
37	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	FOOT	2,697	970	1,323										
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	941	79	65			130		204					63
40	87302480	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 14 FT	EACH	1		1										
41	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT	EACH	4		4										
42	87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 18 FT	EACH	3		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	87700180	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	87600100	CONCRETE FOUNDATION, TYPE A	FOOT	32		8										
50	87600150	CONCRETE FOUNDATION, TYPE C	FOOT	8		4										
51	87600400	CONCRETE FOUNDATION, TYPE E, 30 INCH DIAMETER	FOOT	30		10	20									
52	87600415	CONCRETE FOUNDATION, TYPE E, 36 INCH DIAMETER	FOOT	68		24	22									
53	87900200	DRILL EXISTING HANDHOLE	EACH	8		1				1						22
54	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	35		3	6				3					6
55	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	10		3					2					2
56	88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2							1					1
57	88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2												2
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					1					2
60	88030210	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2			4									2
61	88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	6							1					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												
65	88102740	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	2												
66	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	18						8						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				4					8
69	88500100	INDUCTIVE LOOP DETECTOR	EACH	33		7	10				8					
70	88600100	DETECTOR LOOP, TYPE I	FOOT	1,396		752	609				35					
71	88700200	LIGHT DETECTOR	EACH	8		2	2				2					2
72	88700300	LIGHT DETECTOR AMPLIFIER	EACH	4		1	1				1					1
73	88800100	PEDESTRIAN PUSH-BUTTON	EACH	40		8					4					8
74	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2		1										
75	89100400	ILLUMINATED SIGN, LED	EACH	2												
76	89502200	MODIFY EXISTING CONTROLLER	EACH	1												
77	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4,366					3,738							1
78	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	7		1										203
79	89502380	REMOVE EXISTING HANDHOLE	EACH	20		9	11				1					1
80	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	17		8	9									
81	X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	178.9		77.1	102.8									
82	X0322925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	1,926					1,326							
83	X0325737	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2		1										
84	X9000015	SERVICE INSTALLATION - POLE MOUNTED	EACH	5		1					1					1
85	X8140074	GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	11		7										6
86	X8620020	UNINTERRUPTIBLE POWER SUPPLY	EACH	7		1										1
87	X8710020	FIBER OPTIC CABLE IN CONDUIT, NO. 62 5/125, MM12F SM12F	FOOT	1,825					1,326							
88	X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	2,759		508	767									
89	X8730250	ELECTRIC CABLE IN CONDUIT, NO. 20 3C, TWISTED, SHIELDED	FOOT	582		349	233				191					607
90	X0000406	BRICK PAPER REMOVAL AND REPLACEMENT	SQ FT	125												125
91	X0001621	BRICK PAPER REMOVAL	SQ FT	600		600										
92	20048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1												
93	20062450	SAWING PAVEMENT (FULL DEPTH)	FOOT	115		115										
94	X0321076	RADIO-ACTIVATED SOLAR ADVANCE FLASHING BEACON SYSTEM (COMPLETE)	EACH	1												
95	18002500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	240		120	120									
96	18002500	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	460		240	220									
97	85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1												
98	85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1												
99	X0324007	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1												

\* 100% CITY OF ELGIN  
 \*\*\* SPECIALTY ITEMS  
 HOT-MIX ASPHALT MIXTURE REQUIREMENTS

PAY ITEM	REMARKS	AIR VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	(IL-9.5mm)	4% @ 70 GYRATIONS
CLASS D PATH (HMA BINDER IL-19 MM, 10")		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.

Rev. 2-16-10

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

4085.852-TR1.dwg

DESIGNED - JHA	
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