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ILL RTE 131 (GREEN BAY ROAD) AND 14th STREET/PULASKI MEMORIAL DRIVE	ILL RTE 131 (GREEN BAY ROAD) AND 10th STREET	ILL RTE 131 (GREEN BAY ROAD) AND CRESCENT AVENUE	ILL RTE 131 (GREEN BAY ROAD) AND SUNSET AVENUE	ILL RTE 131 (GREEN BAY ROAD) AND WASHINGTON STREET

SUMMARY OF QUANTITIES

CONSTRUCTION CODES

CODE NUMBER	ITEM	UNIT	TOTAL											
				Y031-1F	Y031-1F	100% CITY OF WAUKEGAN Y031-3D	Y031-1F	100% CITY OF WAUKEGAN Y031-3D	Y031-1F	100% CITY OF WAUKEGAN Y031-3D	Y031-1F	100% CITY OF WAUKEGAN Y031-3D		
20200100	EARTH EXCAVATION	CU.YD.	40										40	
31100300	SUB-BASE GRANULAR MATERIAL, TYPE A 4"	SQ.YD.	90										90	
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	12										12	
40800010	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	10										10	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ.FT.	350				350							
42400800	DETECTABLE WARNINGS	SQ.FT.	48				48							
44000500	COMBINATION CURB & GUTTER REMOVAL	FOOT	270				270						270	
44000600	SIDEWALK REMOVAL AND	SQ.FT.	150				150							
44003100	MEDIAN REMOVAL	SQ.FT.	500										500	
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ.YD.	90										90	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.24	FOOT	50				50							
67000200	ENGINEER'S FIELD OFFICE, TYPE A	CAL.MO.	3											
67100100	MOBILIZATION	L.SUM	1											
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L.SUM	1	0.20	0.20		0.20			0.20			0.20	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L.SUM	1	0.20	0.20		0.20			0.20			0.20	
72000100	SIGN PANEL - TYPE 1	SQ.FT.	18										18	
72000200	SIGN PANEL - TYPE 2	SQ.FT.	82.5				27.5						27.5	
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	220										220	
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	340										340	
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	315										315	
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	55				55							
78300100	PAVEMENT MARKING REMOVAL	SQ.FT.	205				120						85	
Z0062450	SAWING PAVEMENT (FULL DEPTH)	FOOT	220										220	
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	762										762	
81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	211	65	52		80						114	
81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	7										7	
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	295										295	
81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	362										362	
81400100	HANDHOLE	EACH	9										9	
81400200	HEAVY-DUTY HANDHOLE	EACH	2										2	
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1,045	65	52		80						848	
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	4	1	1		1			1			1	
85700500	FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	5	1	1		1			1			1	
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 2C	FOOT	177				177							
87301235	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 4C	FOOT	1,153			98	195	175			313		372	
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	FOOT	4,841	524	820		812						2,685	
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	FOOT	2,642	524									2,118	
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2,312										2,312	
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	243	19	29		79			22			94	
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	844	19	29		79			22			695	
X8730250	ELECTRIC CABLE IN CONDUIT, NO. 20 3C TWISTED SHIELD	FOOT	649			98	179						372	
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	4		2		2							
87501200	TRAFFIC SIGNAL POST, 16 FT.	EACH	11	3	2		2			4				
87700150	STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.	EACH	1										1	
87700160	STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	4	2									2	
87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	3				1							
87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1		2		1							
87700260	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	2										2	
87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1										1	
87702910	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	1										1	
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12				4						8	
87800400	CONCRETE FOUNDATION, TYPE E 30" DIAMETER	FOOT	100.5	20	27		23.5						30	
87800415	CONCRETE FOUNDATION, TYPE E 36" DIAMETER	FOOT	52										52	
87900200	DRILL EXISTING HANDHOLE	EACH	13	2	2		3						6	
88030020	SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	25	2	6		6			3			8	
88030050	SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	7		2		2						3	
88030100	SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4		2		2						2	
88030110	SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	18	2	2		2			5			7	
88030220	SIGNAL HEAD, L.E.D., 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1							1				
88030240	SIGNAL HEAD, L.E.D., 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	4							3			1	
88102717	PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4				4							
88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINIUM	EACH	43	4	8		8			8			15	
88500100	INDUCTIVE LOOP DETECTOR	EACH	8										8	
88600100	DETECTOR LOOP, TYPE I	FOOT	660										660	
88700200	LIGHT DETECTOR	EACH	6			1		1			2		2	
88700300	LIGHT DETECTOR AMPLIFIER	EACH	2							1			1	
88800100	PEDESTRIAN PUSH-BUTTON	EACH	4											
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1				4							
89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	6	6										
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	EACH	1,368	505	330		385			13			135	
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	21										21	
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	5	1	1		1			1			1	
89502380	REMOVE EXISTING HANDHOLE	EACH	9										9	
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	11	2	2		3						4	
X8050015	SERVICE INSTALLATION - POLE MOUNTED	EACH	5	1	1		1			1			1	
X8620020	UNINTERRUPTIBLE POWER SUPPLY	EACH	5	1	1		1			1			1	
X8950210	REBUILD EXISTING HANDHOLE TO HEAVY-DUTY HANDHOLE	EACH	1										1	
X0326309	RELOCATE EXISTING REMOTE-CONTROLLED VIDEO SYSTEM (SPECIAL)	EACH	1										1	

- ① 90% FED. / 5% STATE / 5% LAKE CO.
- ② 90% FED. / 3.75% STATE / 1.25% WAUKEGAN / N. CHICAGO
- ③ 90% FED. / 5% STATE / 2.5% WAUKEGAN / 2.5% GURNEE
- ④ 90% FED. / 5% STATE / 2.5% WAUKEGAN / 2.5% LAKE CO.

*Specialty Items

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIX TYPE	AC TYPE	AIR VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 4.5" MIN	PG 64-22	4% @ 70 GYRATIONS

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