

TRAFFIC SIGNALS SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			Red Gate Road at IL 31	Red Gate Road at IL 25	Interconnect
DESCRIPTION	UNIT	TOTAL QUANTITY			
DETECTABLE WARNINGS	SQ.FT	50	50		
SIGN PANEL - TYPE 1	SQ.FT	56	32	24	
SERVICE INSTALLATION - GROUND MOUNTED	EACH	2	1	1	
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	3,616	1,430	832	1,354
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	76	36	40	
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	92	55	37	
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	618	348	270	
UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1" DIA.	FOOT	460	267	193	
CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	FOOT	1,207			1,207
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 14" X 12" X 6"	EACH	2			2
HANDHOLE	EACH	18	6	6	6
HEAVY DUTY HANDHOLE	EACH	7	6	1	
DOUBLE HANDHOLE	EACH	2	1	1	
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1		1	
FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1	1		
MASTER CONTROLLER	EACH	1			1
UNITERRUPTIBLE POWER SUPPLY, STANDARD	EACH	2	1	1	
TRANSCEIVER - FIBER OPTIC	EACH	2	1	1	
FIBER OPTIC CABLE IN CONDUIT, NO.62.5/125, MM12F SM12F	FOOT	3,436			3,436
ELECTRIC CABLE IN CONDUIT, TRACER, NO.14 1C	FOOT	3,436			3,436
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	597	597		
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	597	597		
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,876	954	922	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,988	1,554	434	
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR, TWISTED SHIELDED	FOOT	4,593	2,873	1,720	
ELECTRIC CABLE IN CONDUIT, SERVICE, NO.6 2C	FOOT	208	162	46	
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO.6 1C	FOOT	898	501	397	
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	1		1	
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3	2	1	
STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	1		1	
STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	1		1	
STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1	1		
STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1		1	
STEEL MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	1	1		
STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.	EACH	1	1		
STEEL MAST ARM ASSEMBLY AND POLE, 64 FT.	EACH	1	1		
CONCRETE FOUNDATION, TYPE A	FOOT	16	8	8	
CONCRETE FOUNDATION, TYPE C	FOOT	8	4	4	
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	24		24	
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	41	26	15	
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	42	42		
SIGNAL HEAD LED 1-FACE 3-SECTION BRACKET MOUNTED	EACH	3		3	
SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	9	4	5	
SIGNAL HEAD, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5	4	1	
SIGNAL HEAD, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	5	4	1	
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2	2		
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	14	8	6	
INDUCTIVE LOOP DETECTOR	EACH	21	12	9	
DETECTOR LOOP, TYPE I	FOOT	2,556	1,625	931	
LIGHT DETECTOR	EACH	7	4	3	
LIGHT DETECTOR AMPLIFIER	EACH	2	1	1	
PEDESTRIAN PUSH-BUTTON	EACH	2	2		
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	1		
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	1		
REMOVE EXISTING HANDHOLE	EACH	8	8		
REMOVE EXISTING CONCRETE FOUNDATION	EACH	7	7		
ELECTRIC CABLE IN CONDUIT NO. 20 3C, TWISTED SHIELDED	FOOT	664	357	307	
OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1			1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1	1		

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CITY OF ST. CHARLES

TRAFFIC SIGNAL SUMMARY OF QUANTITIES

SCALE: NTS SHEET NO. 1 OF 12 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	187
CONTRACT NO. 63650				
ILLINOIS FED. AID PROJECT				