

TRAFFIC SIGNAL SCHEDULE OF QUANTITIES

ITEM	UNIT	IL RTE 56 AT IL RTE 59	IL RTE 56 AT BATAVIA ROAD	IL RTE 56 AT WINFIELD ROAD	IL RTE 59 INTERCONNECT	IL RTE 56 INTERCONNECT	TOTAL
SIGN PANEL - TYPE 1	SQ FT	55	55	56.5			166.5
SIGN PANEL - TYPE 2	SQ FT	30	30	30			90
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	1063	580	1208	357	3111	6319
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	134	213	85			432
CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	18	44	46			108
CONDUIT IN TRENCH, 3 1/2" DIA., GALVANIZED STEEL	FOOT		29	10			39
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	106	77	72			255
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	274	53	256		144	727
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	560	991	573			2124
CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT					224	224
HANDHOLE	EACH	4	6	3		1	14
HEAVY-DUTY HANDHOLE	EACH	6	2	6		5	19
DOUBLE HANDHOLE	EACH	2	4	3			9
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1255	922	1391	357	3111	7036
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH				1		1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH			1			1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1					1
FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH		1				1
MASTER CONTROLLER	EACH					1	1
TRANSCEIVER - FIBER OPTIC	EACH	1	1	1			3
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	859	2713	2548			6120
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2037	6222	2908			11167
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3241	6128	3215			12584
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2035		2030			4065
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4772	2962	4551			12285
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	42	28	32			102
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH		2				2
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH		4				4
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH			1			1
STEEL MAST ARM ASSEMBLY AND POLE, 16 FT.	EACH	3		2			5
STEEL MAST ARM ASSEMBLY AND POLE, 18 FT.	EACH		1	1			2
STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.	EACH		1				1
STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	1					1
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH		1				1
STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH		2				2
STEEL MAST ARM ASSEMBLY AND POLE, 56 FT.	EACH		1				1
STEEL MAST ARM ASSEMBLY AND POLE, 58 FT.	EACH			2			2
STEEL MAST ARM ASSEMBLY AND POLE, 66 FT.	EACH			1			1
STEEL MAST ARM ASSEMBLY AND POLE, 74 FT.	EACH			1			1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT. (SPECIAL)	EACH	1					1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT. (SPECIAL)	EACH	2					2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT. (SPECIAL)	EACH	1					1
CONCRETE FOUNDATION, TYPE A	FOOT		24	4			28
CONCRETE FOUNDATION, TYPE C	FOOT	4	4	4			12
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	40	33.5	30			103.5
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	58	26				84
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT		21	92			113
DRILL EXISTING HANDHOLE	EACH				1		1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	12	14	11			37
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH		6				6
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	8		7			15
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH		2				2
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH			1			1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2	6				8
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1	2	4			7
PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH		2				2
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	20	14	18			52
INDUCTIVE LOOP DETECTOR	EACH	14	10	15			39
LIGHT DETECTOR	EACH	4*	4*	2**			10
LIGHT DETECTOR AMPLIFIER	EACH	1*	1*	1**			3
PEDESTRIAN PUSH-BUTTON	EACH	4	24	13			41
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	1	1			3
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH			2**			2
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH			1**			1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT				3500		3500
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	1	1			3
REMOVE EXISTING HANDHOLE	EACH	12	13	12			37
REMOVE EXISTING CONCRETE FOUNDATION	EACH	9	8	9			26
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT				2284	4455	6739
PREFORMED DETECTOR LOOP	FOOT	866	875	978			2719
OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH					1	1
TEMPORARY TRAFFIC SIGNAL TIMINGS	EACH	1	1	1			3
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM - LEVEL I	EACH				1		1
SERVICE INSTALLATION, POLE MOUNT	EACH	1	1	1			3
UNINTERRUPTIBLE POWER SUPPLY	EACH	1	1	1			3
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT				2296	4478	6774
ELECTRIC CABLE IN CONDUIT, GROUNDING NO. 6 1C	FOOT	903	1460	986			3349
ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	1144	1662	1116			3922

* DENOTES 100% OF COST TO CITY OF WARRENVILLE
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