



LEGEND

- ◀ ⊗ ▶ DUAL ENTRY PHASE
- ◀ ⊗ SINGLE ENTRY PHASE
- ◀ ⊗ ▶ PEDESTRIAN PHASE
- ◀ ⊗ OL OVERLAP
- * NUMBER REFERS TO ASSOCIATED PHASE

NOT TO SCALE

ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SO FT	40
SERVICE INSTALLATION - GROUND MOUNTED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	965
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	35
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	44
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	545
HANDHOLE	EACH	5
HEAVY-DUTY HANDHOLE	EACH	4
DOUBLE HANDHOLE	EACH	2
UNINTERRUPTIBLE POWER SUPPLY, EXTENDED	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,548
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,501
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3,868
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	666
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3,524
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	185
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	769
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16 FT.	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 58 FT. AND 20 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	4
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	20
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	39
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	15
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	3
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	19
INDUCTIVE LOOP DETECTOR	EACH	15
PREFORMED DETECTOR LOOP	FOOT	1,160
LIGHT DETECTOR	EACH	4
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	8
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	18
REMOVE EXISTING CONCRETE FOUNDATION	EACH	15
FULL-ACTUATED CONTROLLER AND CABINET, TYPE IV, SPECIAL	EACH	1
ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	953
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

PROPOSED EMERGENCY VEHICLE PREEMPTORS					
EMERGENCY VEHICLE PREEMPTORS	3	4	5	6	
MOVEMENT	→	→	→	→	

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS						TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE (INCAND.)	LED	% OPERATION		
SIGNAL (RED)	21	135	17	0.50		179
(YELLOW)	21	135	25	0.25		131
(GREEN)	21	135	15	0.25		79
ARROW	8	135	12	0.10		10
PED. SIGNAL	8	90	25	1.00		200
CONTROLLER	1	100	100	1.00		100
ILLUM. SIGN		84		0.05		
FLASHER				0.50		--
ENERGY COSTS TO: VILLAGE OF SKOKIE 9050 GROSS POINT ROAD SKOKIE, IL 60077					TOTAL =	699
ENERGY SUPPLY CONTACT: MR. LARRY SHANKS PHONE: (847) 816-5465 COMPANY: COMED						

THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO CONTROLLER CABINET

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS SIGNAL SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM