

SCHEDULE OF QUANTITIES

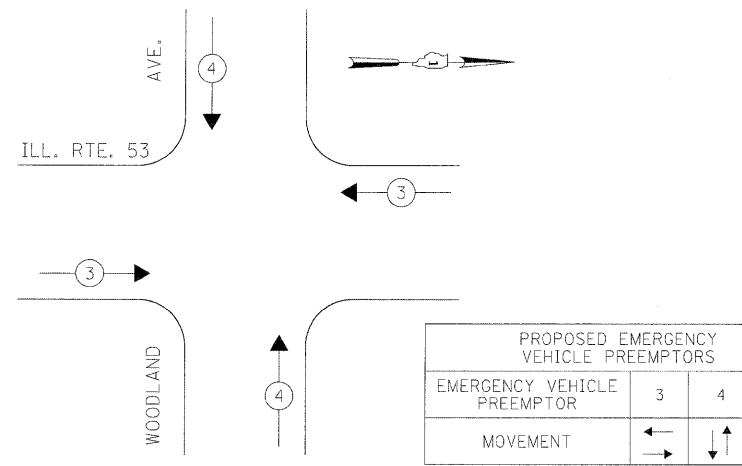
QUANTITY	UNIT	ITEM
18	SQ FT	SIGN PANEL - TYPE 1
21	SQ FT	SIGN PANEL - TYPE 2
504	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
13	FOOT	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL
50	FOOT	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL
25	FOOT	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL
188	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
375	FOOT	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL
5	EACH	HANDHOLE
2	EACH	HEAVY-DUTY HANDHOLE
2	EACH	DOUBLE HANDHOLE
581	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
1	EACH	TRANSCEIVER-FIBER OPTIC
1232	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
1769	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
1078	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
1445	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
1585	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
115	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.
8	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
10	FOOT	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER
45	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
6	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
4	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
4	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
4	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
10	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
8	EACH	INDUCTIVE LOOP DETECTOR
64	FOOT	DETECTOR LOOP, TYPE 1
3	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER
8	EACH	PEDESTRIAN PUSH-BUTTON
667	FOOT	PREFORMED DETECTOR LOOP
1	EACH	SERVICE INSTALLATION - POLE MOUNTED
1	EACH	UNINTERRUPTIBLE POWER SUPPLY
706	FOOT	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C
481	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED

* 100% COST TO VILLAGE OF ADDISON

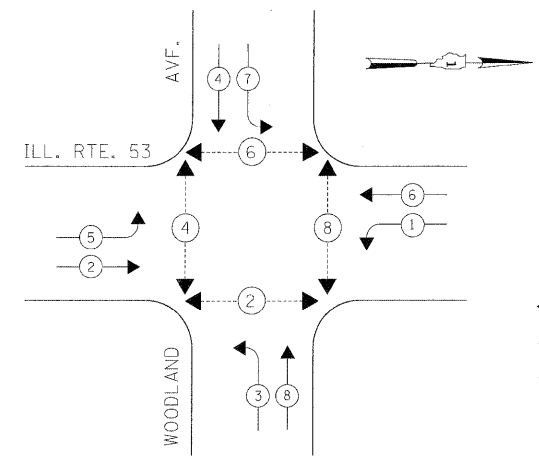
THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.

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EMERGENCY VEHICLE PREEMPTION SEQUENCE



CONTROLLER SEQUENCE



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

LEGEND

- ← * → DUAL ENTRY PHASE
- ← * → SINGLE ENTRY PHASE
- ◊ O.L. OVERLAP
- ← * → PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		OPERATION	
SIGNAL (RED)	14	INCAND.	17	0.50	119
	14	LED	25	0.25	
	14	LED	15	0.25	
ARROW (GREEN)	16	INCAND.	12	0.10	19.2
	8	LED	25	1.00	
PED. SIGNAL	1	LED	100	1.00	100
ILLUM. SIGN		LED	25	0.05	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	578.2

ILLINOIS DEPARTMENT OF TRANSPORTATION
 201 WEST CENTER COURT
 SCHAMBURG, ILLINOIS 60196-1096
 ENERGY SUPPLY CONTACT: CURTIS TOPPS
 PHONE: (630) 691-4356
 COMPANY: COMMONWEALTH EDISON

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN, PHASE DESIGNATION DIAGRAM,
 EMERGENCY VEHICLE PREEMPTION SEQUENCE, AND SCHEDULE OF QUANTITIES
 ILLINOIS ROUTE 53 (ROHLWING RD.) AT WOODLAND AVE.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	450
CONTRACT NO. 60477				

FILE NAME =
 USER NAME = *USER*
 DESIGNED - PKG
 DRAWN - MAA, EA
 CHECKED - PKG, EA
 DATE - 5/10/2010

REVISIONS:
 REVISED -
 REVISED -
 REVISED -

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT