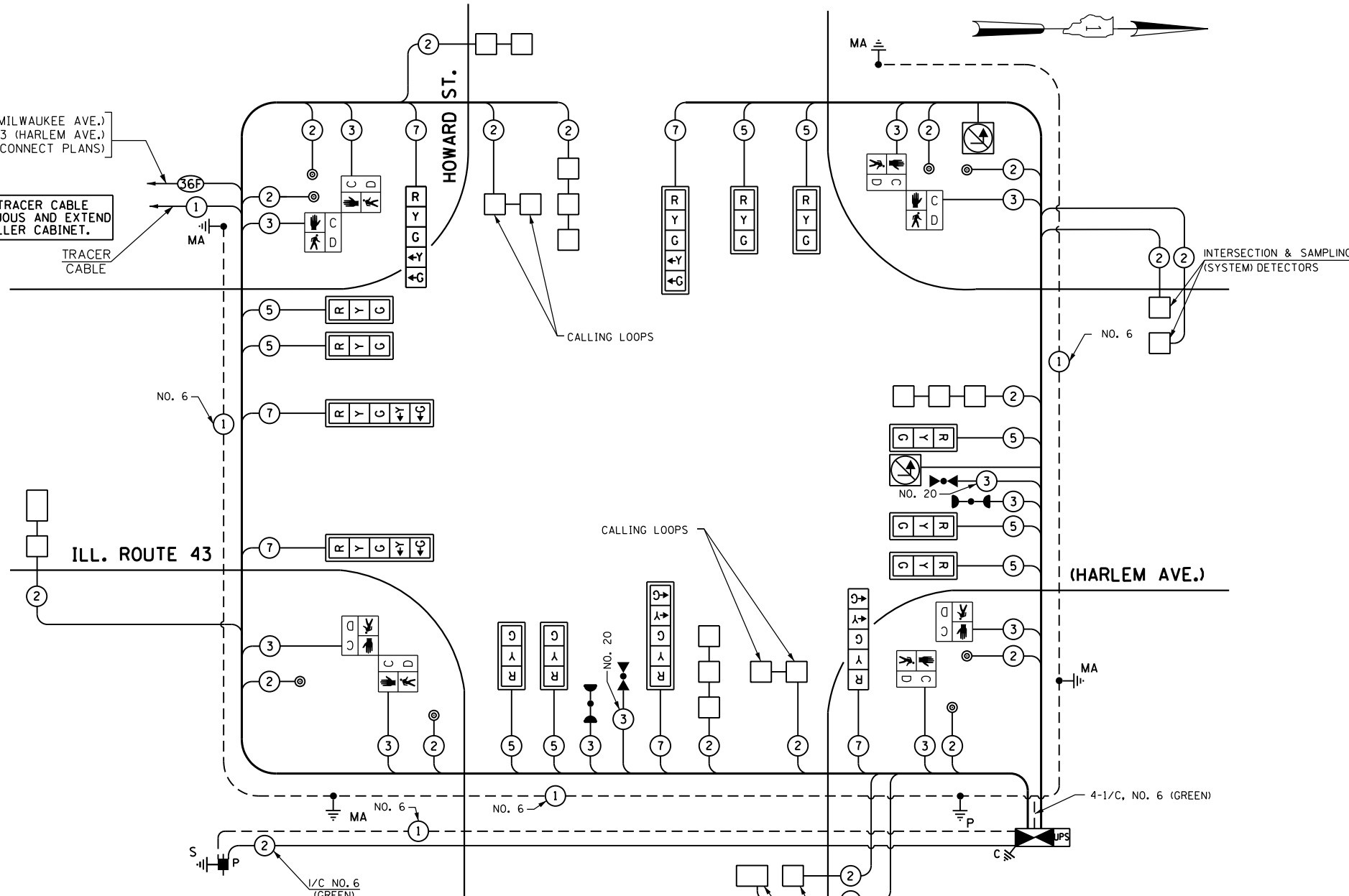


SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
1143	SQ FT	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
108	SQ FT	DETECTABLE WARNINGS
74	FOOT	COMBINATION CURB AND GUTTER REMOVAL
1188	SQ FT	SIDEWALK REMOVAL
74	FOOT	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
33	SQ FT	SIGN PANEL - TYPE 1
25	SQ FT	SIGN PANEL - TYPE 2
84	SQ FT	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
415	FOOT	THERMOPLASTIC PAVEMENT MARKING - LINE 6"
94	FOOT	THERMOPLASTIC PAVEMENT MARKING - LINE 24"
119	FOOT	POLYUREA PAVEMENT MARKING TYPE I-LINE 6"
24	FOOT	POLYUREA PAVEMENT MARKING TYPE I-LINE 24"
608	SQ FT	PAVEMENT MARKING REMOVAL
1	EACH	SERVICE INSTALLATION - POLE MOUNTED
1099	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
7	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.
85	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.
264	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.
7	EACH	HANDHOLE
3	EACH	HEAVY-DUTY HANDHOLE
2	EACH	DOUBLE HANDHOLE
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET
1	EACH	TRANSCEIVER-FIBER OPTIC
1158	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
1496	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
1485	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
1165	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
2681	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
132	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
650	FOOT	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE 34 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE 36 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE 40 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 16 FT. AND 38 FT.
4	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
47	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
9	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
4	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
3	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
13	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
11	EACH	INDUCTIVE LOOP DETECTOR
676	FOOT	DETECTOR LOOP, TYPE I
2	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER
8	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
6	EACH	REMOVE EXISTING HANDHOLE
1	EACH	REMOVE EXISTING DOUBLE HANDHOLE
9	EACH	REMOVE EXISTING CONCRETE FOUNDATION
282	FOOT	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL
122	FOOT	PORTLAND CEMENT CONCRETE SIDEWALK CURB
1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING
		• 100% VILLAGE OF NILES

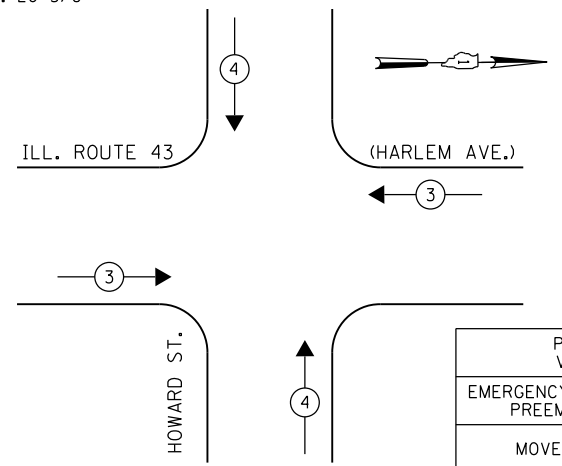
INTERCONNECT TO ILL. RTE. 21 (MILWAUKEE AVE.) AT ILL. ROUTE 43 (HARLEM AVE.) (SEE PROPOSED INTERCONNECT PLANS)

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

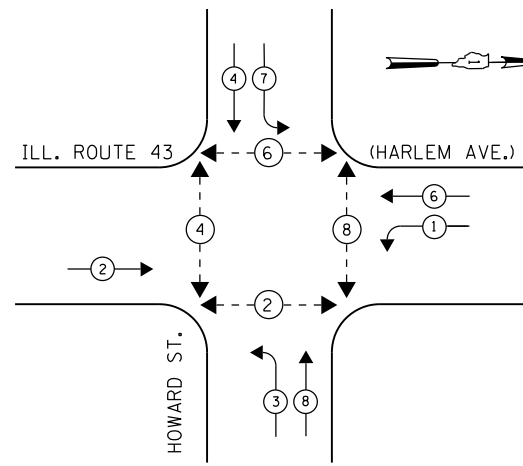


CABLE PLAN (NOT TO SCALE)

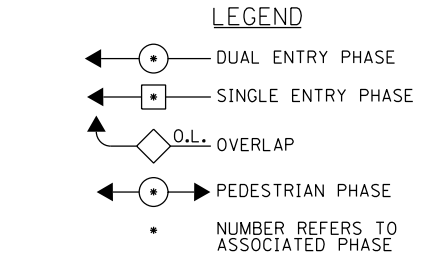
EMERGENCY VEHICLE PREEMPTION SEQUENCE



CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		%OPERATION	
SIGNAL (RED)	15	135	17	0.50	127.5
(YELLOW)	15	135	25	0.25	93.75
(GREEN)	15	135	15	0.25	56.25
ARROW	12	135	12	0.10	14.4
PED. SIGNAL	8	90	25	1.00	200
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN			25	0.05	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	591.9

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY CONTACT: MAUREEN RAY
PHONE: (847)-816-5492
COMPANY: COMMONWEALTH EDISON