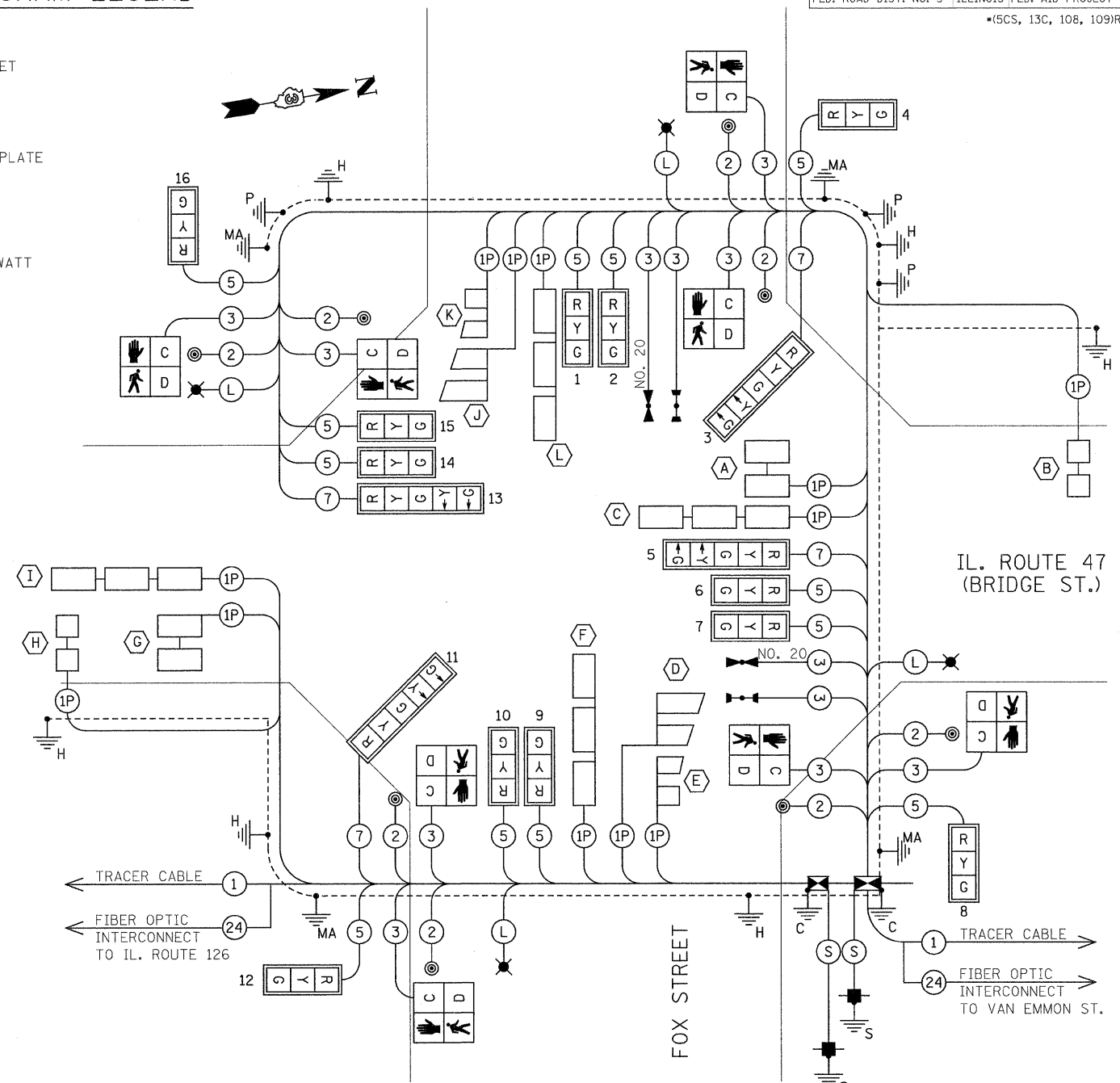
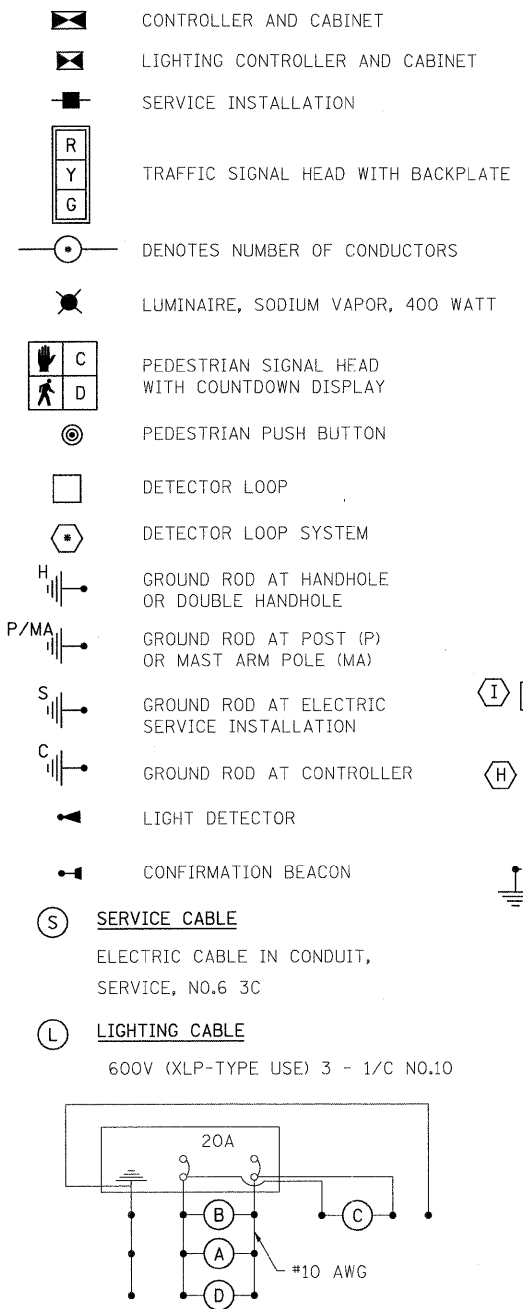


PROPOSED CABLE DIAGRAM LEGEND

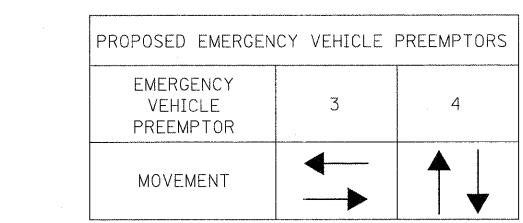


SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	QUANTITY
SERVICE INSTALLATION - GROUND MOUNTED	EACH	2
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	5
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
LUMINAIRE, SODIUM VAPOR, HOR. MOUNT, 400 WATT	EACH	4
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	16
INDUCTIVE LOOP DETECTOR	EACH	12
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	6
REMOVE EXISTING CONCRETE FOUNDATION	EACH	5
SIGN PANEL - TYPE 1	SQ M	0.9
SIGN PANEL - TYPE 2	SQ M	4.5
CONDUIT IN TRENCH 25mm DIA., PVC	METER	164
CONDUIT IN TRENCH 50mm DIA., PVC	METER	143
CONDUIT IN TRENCH 100mm DIA., PVC	METER	29
CONDUIT PUSHED, 100mm DIA., GALVANIZED STEEL	METER	84
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	METER	519
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	METER	691
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	331
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	METER	356
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	METER	378
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	METER	663
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	METER	223
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14, 1-PAIR	METER	1464
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	METER	12
TRAFFIC SIGNAL POST, GALVANIZED STEEL 4.85 METER	EACH	1
PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 12.19 METER	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 15.24 METER	EACH	3
CONCRETE FOUNDATION, TYPE A	METER	3.0
CONCRETE FOUNDATION, TYPE C (SPECIAL)	METER	1.1
CONCRETE FOUNDATION, TYPE E 900mm DIAMETER	METER	17.8
DETECTOR LOOP, TYPE 1	METER	530
ELECTRIC CABLE IN CONDUIT NO. 20, 3/C, TWISTED, SHIELDED	METER	352
REMOVE EXISTING JUNCTION BOX	EACH	1
LIGHTING CONTROLLER, SPECIAL	EACH	1

LIGHTING CIRCUIT DIAGRAM

AGENCY RESPONSIBLE FOR ENERGY CHARGES:
 CITY OF YORKVILLE
 CONTRACTOR PAYS ALL ENERGY CHARGES
 UNTIL PROJECT IS ACCEPTED



EMERGENCY VEHICLE PREEMPTION SEQUENCE

CONTROLLER SPECIFIED: ECONOLITE ASC-3/2100 TS-2 TYPE 2
 PEDESTRIAN PUSH-BUTTONS: 4 EVR ROUND MODEL
 LUMINAIRES: 400 WATT HPS STERNBERG 1914A/CHS LUMINAIRES

NOTIFY THE TRAFFIC SIGNAL SECTION AT (815) 434-8506
 72 HOURS IN ADVANCE TO REDESIGN THE DETECTOR
 LOOPS, IF POSSIBLE, TO AVOID CONSTRUCTION JOINTS.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION PHASE DIAGRAM, CABLE DIAGRAM SCHEDULE OF QUANTITIES IL. 47 (BRIDGE ST.)/ FOX STREET
NAME	DATE	

SCALE: NONE DRAWN BY: SL
 DATE: MARCH, 2010 CHECKED BY: KC

PLOT DATE = 8/11/2011
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