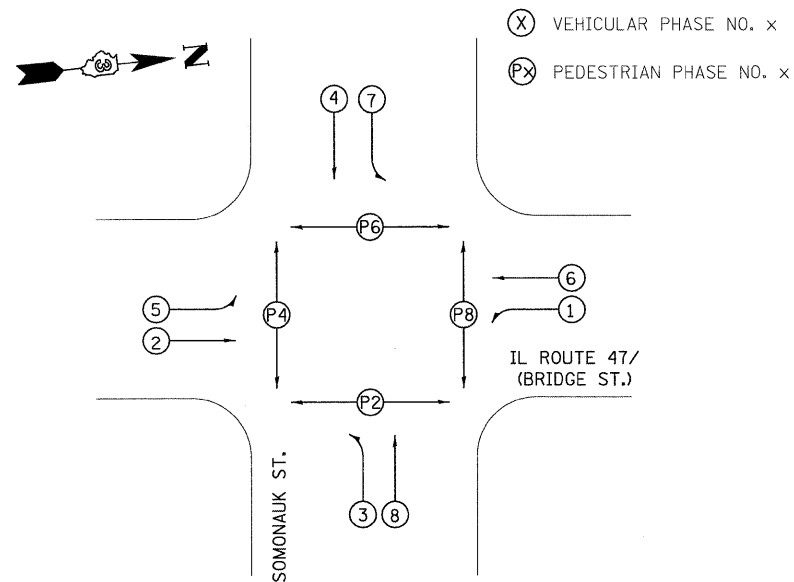


LEGEND

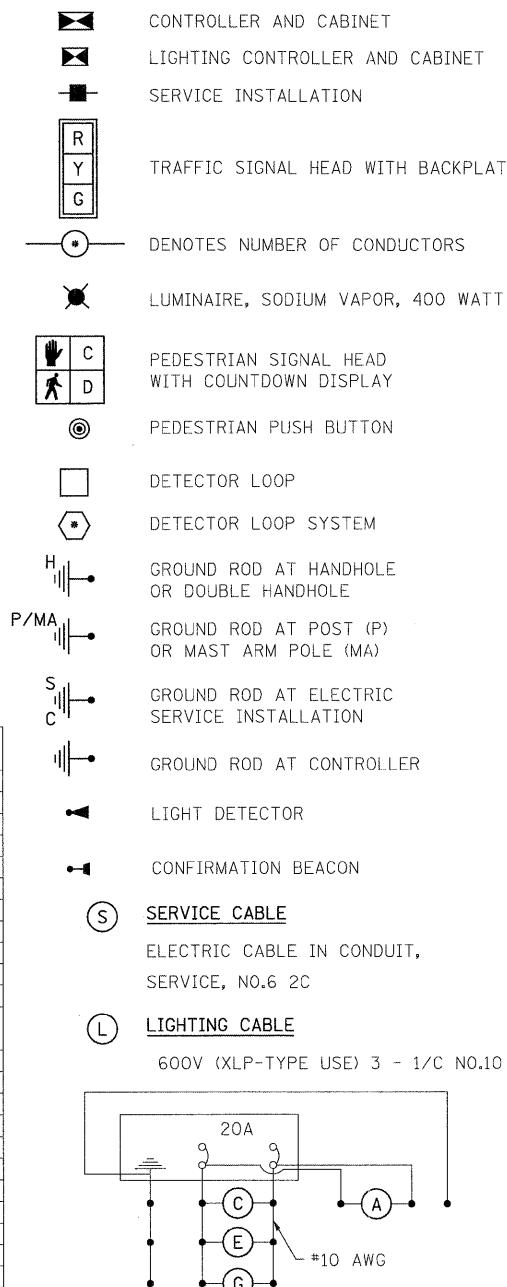


PHASE DESIGNATION DIAGRAM

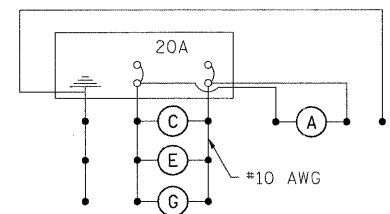
SCHEDULE OF QUANTITIES

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	6
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	18
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	4
REMOVE EXISTING CONCRETE FOUNDATION	EACH	5
SIGN PANEL - TYPE 1	SQ M	1.8
SIGN PANEL - TYPE 2	SQ M	5.4
CONDUIT IN TRENCH 25mm DIA., PVC	METER	227
CONDUIT IN TRENCH 50mm DIA., PVC	METER	159
CONDUIT IN TRENCH 65mm DIA., PVC	METER	3
CONDUIT IN TRENCH 75mm DIA., PVC	METER	21
CONDUIT IN TRENCH 100mm DIA., PVC	METER	33
CONDUIT PUSHED, 50mm DIA., GALVANIZED STEEL	METER	38
CONDUIT PUSHED, 100mm DIA., GALVANIZED STEEL	METER	73
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	METER	543
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	METER	821
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	443
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	METER	376
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	METER	391
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	METER	520
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	METER	457
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14, 1-PAIR	METER	1745
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	METER	10
TRAFFIC SIGNAL POST, GALVANIZED STEEL 4.85 METER	EACH	4
PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 12.80 METER	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 14.63 METER	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 15.24 METER	EACH	2
CONCRETE FOUNDATION, TYPE A	METER	5.0
CONCRETE FOUNDATION, TYPE C (SPECIAL)	METER	1.1
CONCRETE FOUNDATION, TYPE E 900mm DIAMETER	METER	17.2
DETECTOR LOOP, TYPE 1	METER	517
ELECTRIC CABLE IN CONDUIT NO. 20, 3/C, TWISTED, SHIELDED	METER	640
REMOVE EXISTING JUNCTION BOX	EACH	2
LIGHTING CONTROLLER, SPECIAL	EACH	1

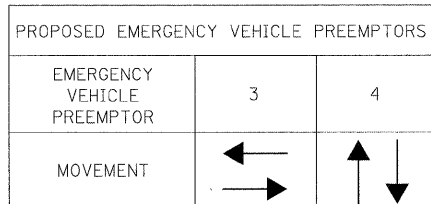
PROPOSED CABLE DIAGRAM LEGEND



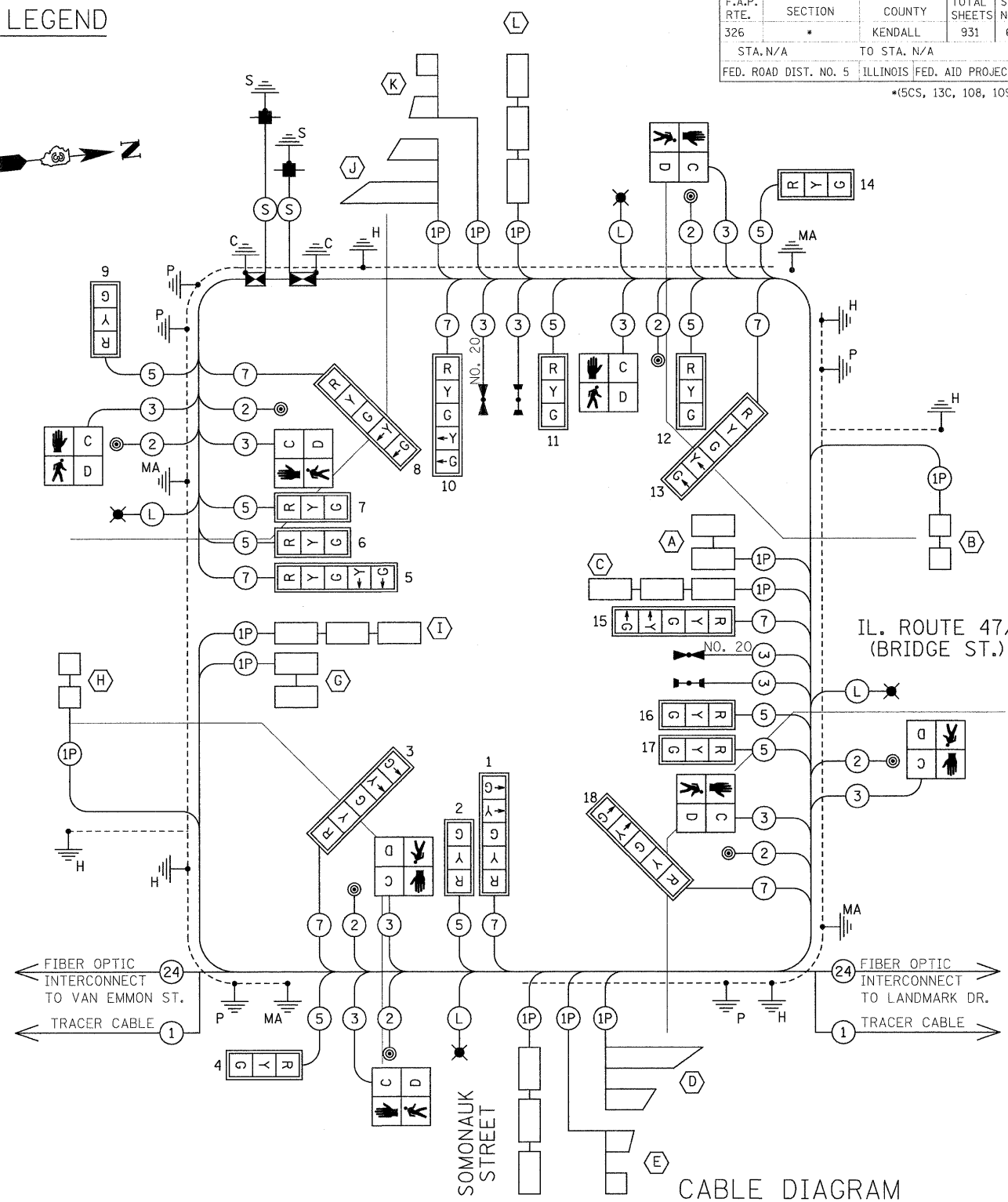
LIGHTING CIRCUIT DIAGRAM



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



EMERGENCY VEHICLE PREEMPTION SEQUENCE



CABLE DIAGRAM

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	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PHASE DIAGRAM, CABLE DIAGRAM
 SCHEDULE OF QUANTITIES
 IL. 47 (BRIDGE ST.)/
 SOMONAUK STREET

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

PLOT DATE = 8/11/2011
 FILE NAME = h:\s122\design\604\sononauk.cable.dgn
 PLOT SCALE = 6.3500 m / IN.
 USER NAME = JUSERDESCR.