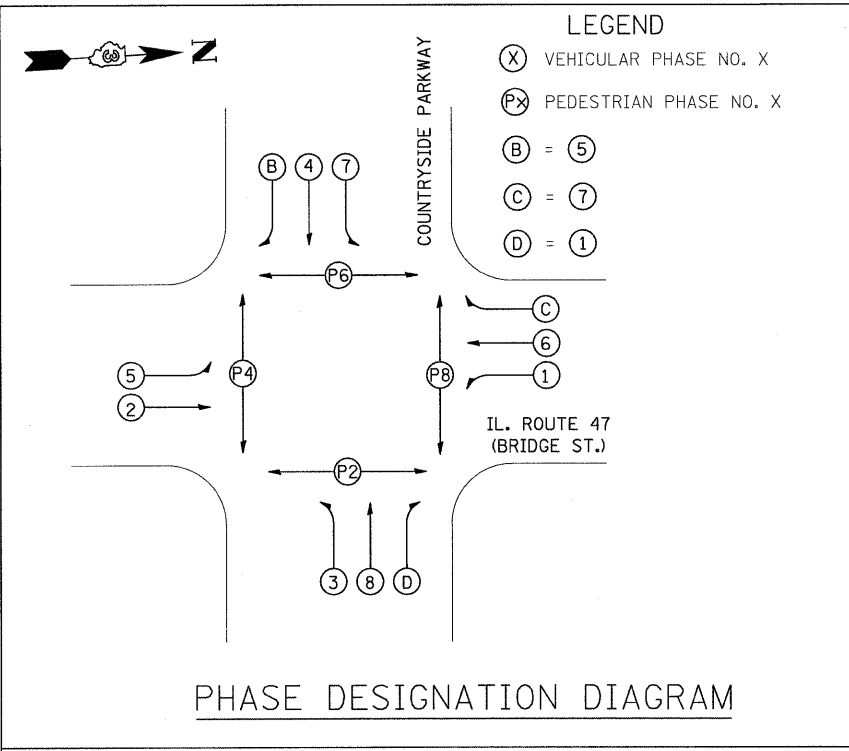


F.A.P. RTE. 326	SECTION	COUNTY KENDALL	TOTAL SHEETS 931	SHEET NO. 621
STA. N/A	TO STA. N/A			
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				
*GCS, 13C, 108, 1091R				

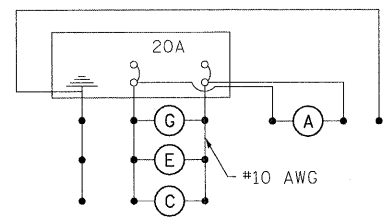


SCHEDULE OF QUANTITIES

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, MAST ARM MOUNTED	EACH	6
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	10
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	5
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	21
INDUCTIVE LOOP DETECTOR	EACH	16
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	8
REMOVE EXISTING CONCRETE FOUNDATION	EACH	10
SIGN PANEL - TYPE 1	SQ M	1.8
SIGN PANEL - TYPE 2	SQ M	5.4
CONDUIT IN TRENCH 25mm DIA., PVC	METER	221
CONDUIT IN TRENCH 50mm DIA., PVC	METER	210
CONDUIT IN TRENCH 65mm DIA., PVC	METER	4
CONDUIT IN TRENCH 75mm DIA., PVC	METER	28
CONDUIT IN TRENCH 100mm DIA., PVC	METER	70
CONDUIT PUSHED, 100mm DIA., GALVANIZED STEEL	METER	104
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	METER	792
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	METER	1044
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	533
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	METER	516
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	METER	522
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	METER	479
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	METER	1177
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14, 1-PAIR	METER	2457
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	METER	8
TRAFFIC SIGNAL POST, GALVANIZED STEEL 4.85 METER	EACH	4
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 14.02 METER	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 14.63 METER	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 15.85 METER	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 18.29 METER	EACH	1
CONCRETE FOUNDATION, TYPE A	METER	4.0
CONCRETE FOUNDATION, TYPE C (SPECIAL)	METER	1.1
CONCRETE FOUNDATION, TYPE E 1060mm DIAMETER	METER	19.8
DETECTOR LOOP, TYPE 1	METER	813
ELECTRIC CABLE IN CONDUIT NO. 20, 3/C, TWISTED, SHIELDED	METER	480
LIGHTING CONTROLLER, SPECIAL	EACH	1

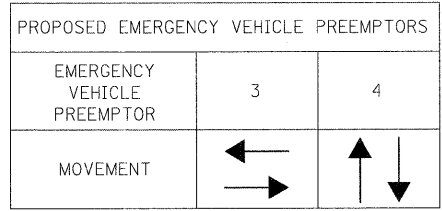
PROPOSED CABLE DIAGRAM LEGEND

- CONTROLLER AND CABINET
- LIGHTING CONTROLLER AND CABINET
- SERVICE INSTALLATION
- TRAFFIC SIGNAL HEAD WITH BACKPLATE
- DENOTES NUMBER OF CONDUCTORS
- LUMINAIRE, SODIUM VAPOR, 400 WATT
- PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN DISPLAY
- PEDESTRIAN PUSH BUTTON
- DETECTOR LOOP
- DETECTOR LOOP SYSTEM
- GROUND ROD AT HANDHOLE OR DOUBLE HANDHOLE
- GROUND ROD AT POST (P) OR MAST ARM POLE (MA)
- GROUND ROD AT ELECTRIC SERVICE INSTALLATION
- GROUND ROD AT CONTROLLER
- LIGHT DETECTOR
- CONFIRMATION BEACON
- SERVICE CABLE
- ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
- LIGHTING CABLE
- 600V (XLP-TYPE USE) 3 - 1/C NO.10

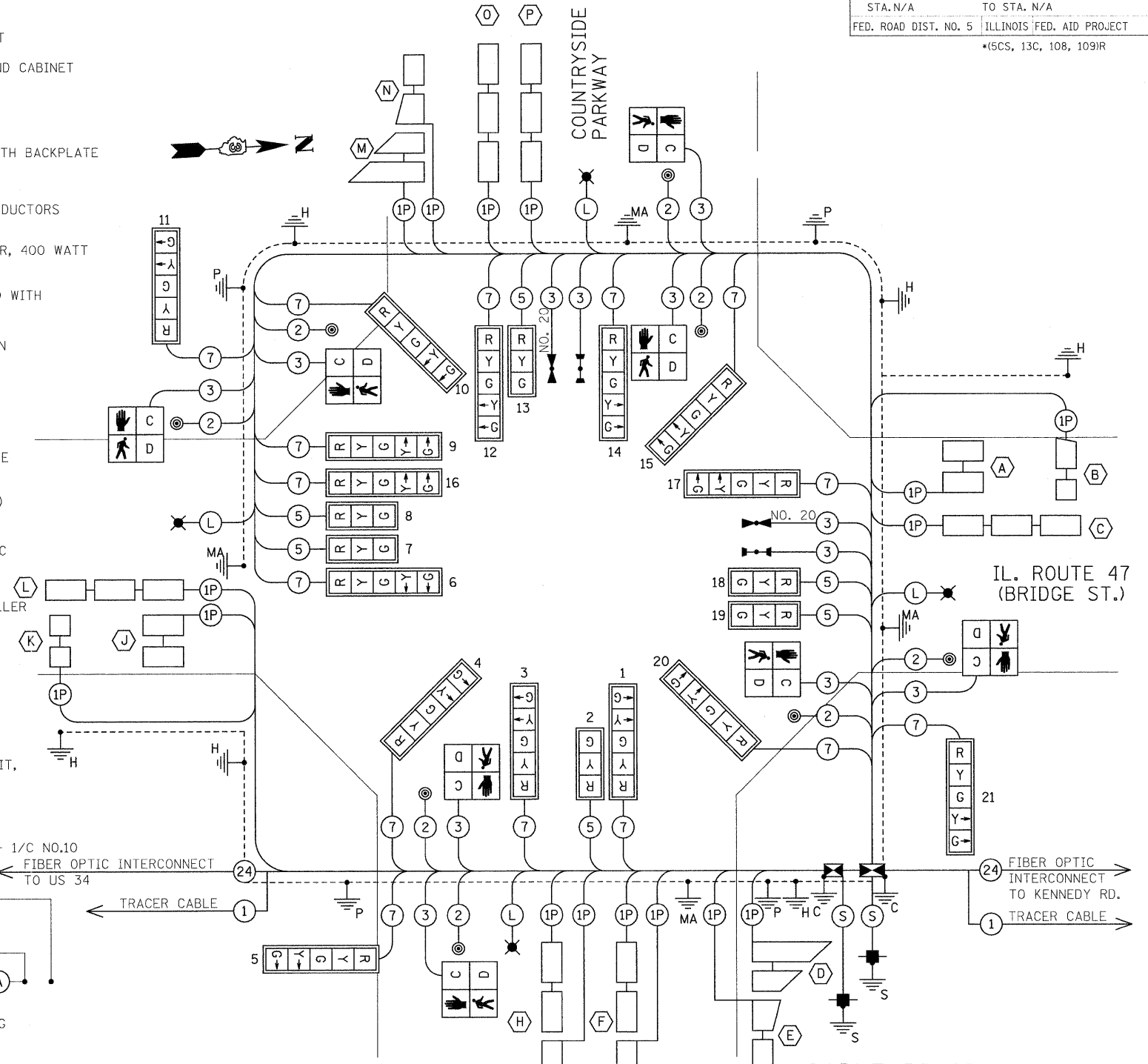


LIGHTING CIRCUIT DIAGRAM

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-BUTTON: 4 EVR ROUND MODEL

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.)/
COUNTRYSIDE PARKWAY
SCALE: NONE DRAWN BY: SL
DATE: MARCH, 2010 CHECKED BY: KC

PLOT DATE = 8/11/2011
FILE NAME = h:\6122\design\621\op-ebb.e.dgn
PLOT SCALE = 6:3000 m / IN.
USER NAME = JBERNDESCR.