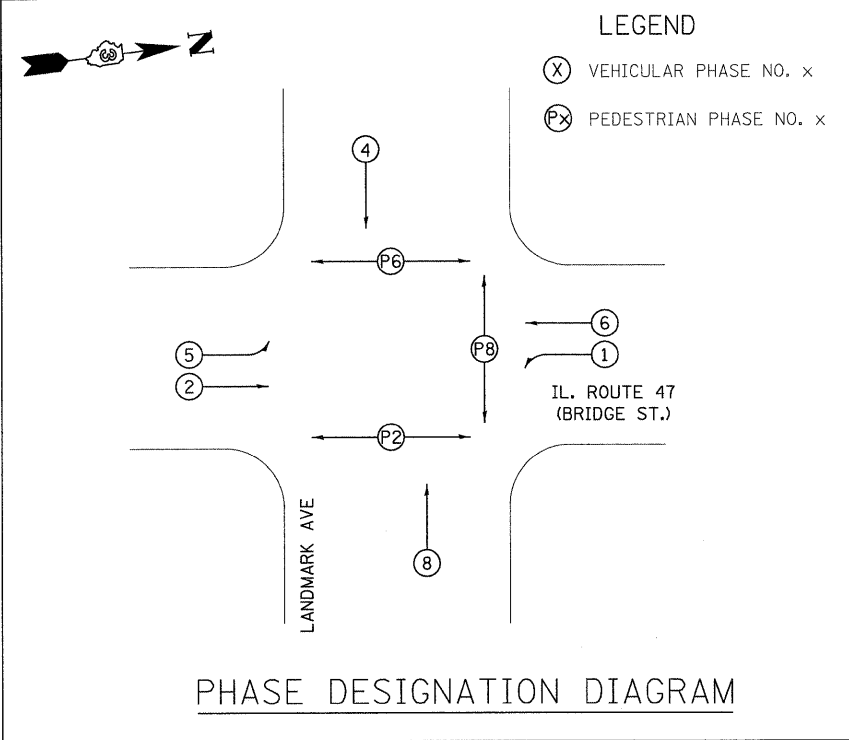


F.A.P. RTE. 326	SECTION	COUNTY KENDALL	TOTAL SHEETS 931	SHEET NO. 609
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		

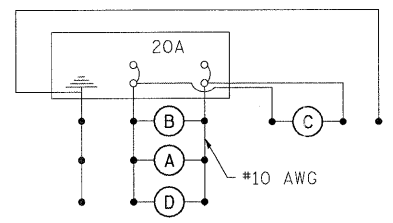
*5CS, 13C, 10B, 109R



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

- S SERVICE CABLE**
ELECTRIC CABLE IN CONDUIT, SERVICE, NO.6 2C
- L LIGHTING CABLE**
600V (XLP-TYPE USE) 3 - 1/C NO.10

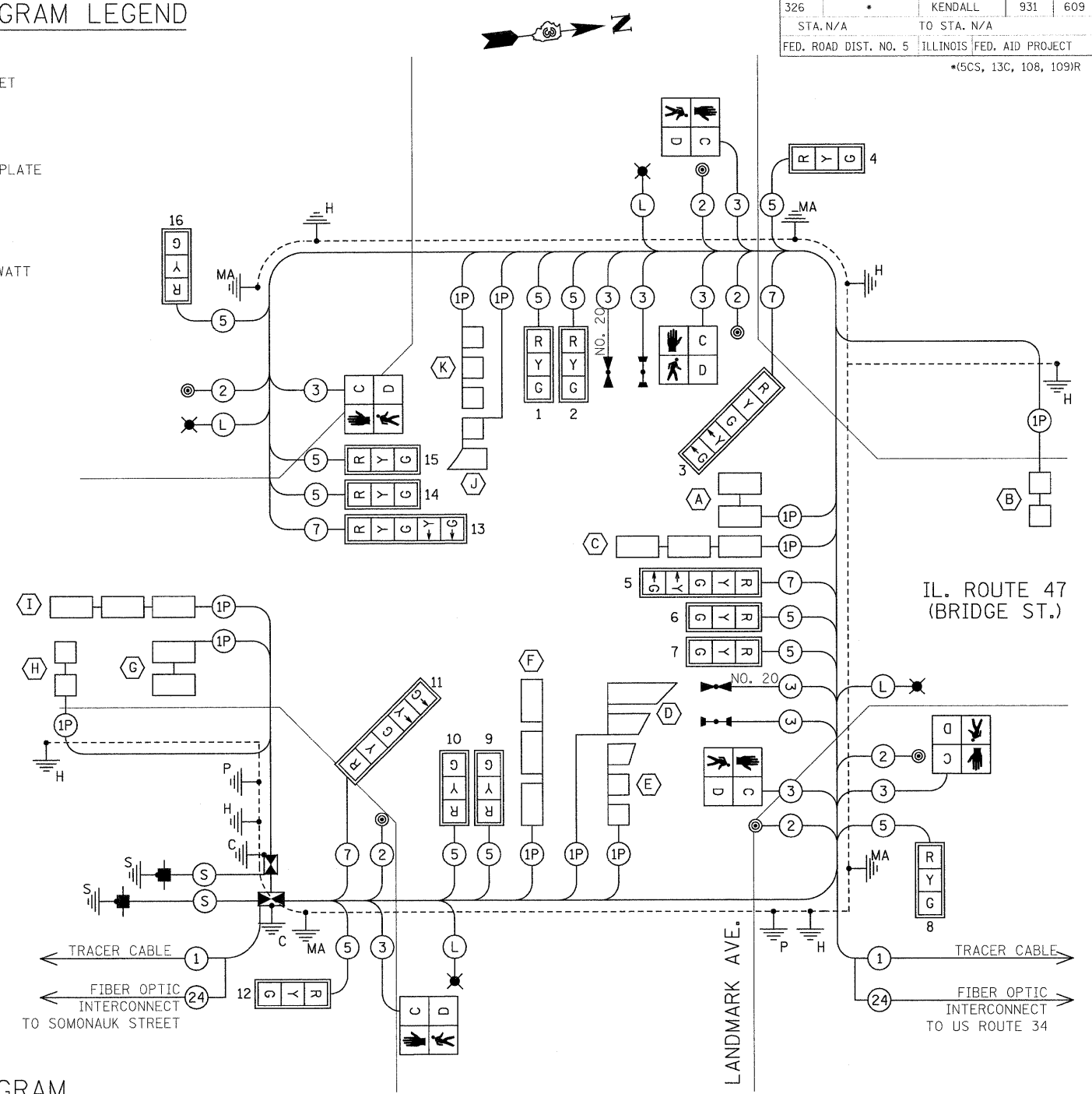


LIGHTING CIRCUIT DIAGRAM

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

PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↑ ↓

EMERGENCY VEHICLE PREEMPTION SEQUENCE



CABLE DIAGRAM

CONTROLLER SPECIFIED: ECONOLITE ASC-3/2100 TS-2 TYPE 2
PEDESTRIAN PUSH-BUTTONS: 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.

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	6
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	16
INDUCTIVE LOOP DETECTOR	EACH	11
LIGHT DETECTOR	EACH	4
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	6
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	9
REMOVE EXISTING CONCRETE FOUNDATION	EACH	7
SIGN PANEL - TYPE 1	SQ M	0.9
SIGN PANEL - TYPE 2	SQ M	5.4
CONDUIT IN TRENCH 25mm DIA., PVC	METER	95
CONDUIT IN TRENCH 50mm DIA., PVC	METER	170
CONDUIT IN TRENCH 65mm DIA., PVC	METER	2
CONDUIT IN TRENCH 100mm DIA., PVC	METER	65
CONDUIT PUSHED, 50mm DIA., GALVANIZED STEEL	METER	19
CONDUIT PUSHED, 100mm DIA., GALVANIZED STEEL	METER	58
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	METER	576
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	METER	682
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	332
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	METER	328
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	METER	340
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	METER	703
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	METER	237
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14, 1-PAIR	METER	1535
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	METER	11
TRAFFIC SIGNAL POST, GALVANIZED STEEL 4.85 METER	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 11.58 METER	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 14.02 METER	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16.76 METER	EACH	1
CONCRETE FOUNDATION, TYPE A	METER	2.0
CONCRETE FOUNDATION, TYPE C (SPECIAL)	METER	1.1
CONCRETE FOUNDATION, TYPE E 900mm DIAMETER	METER	15.4
DETECTOR LOOP, TYPE 1	METER	465
ELECTRIC CABLE IN CONDUIT NO. 20, 3/C, TWISTED, SHIELDED	METER	680
LIGHTING CONTROLLER, SPECIAL	EACH	1

REVISIONS	
NAME	DATE

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

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

PLOT DATE = 8/11/2011
 FILE NAME = h:\1522\design\66671\landmark_cable.dgn
 PLOT SCALE = 6:3500 m / 7 IN.
 USER NAME = _USERDESCR_