

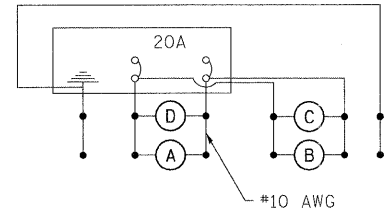
SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	QUANTITY
SERVICE INSTALLATION - GROUND MOUNTED	EACH	2
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	7
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
LUMINAIRE, SODIUM VAPOR, HOR. MOUNT, 250 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	3
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	7
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	6
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	20
INDUCTIVE LOOP DETECTOR	EACH	10
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	10
SIGN PANEL - TYPE 1	SQ M	1.8
SIGN PANEL - TYPE 2	SQ M	5.4
CONDUIT IN TRENCH 25mm DIA., PVC	METER	167
CONDUIT IN TRENCH 50mm DIA., PVC	METER	282
CONDUIT IN TRENCH 75mm DIA., PVC	METER	6
CONDUIT IN TRENCH 100mm DIA., PVC	METER	50
CONDUIT PUSHED, 100mm DIA., GALVANIZED STEEL	METER	80
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	METER	600
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	METER	1091
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	505
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	METER	410
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	METER	426
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	METER	778
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	METER	575
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14, 1-PAIR	METER	1886
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	METER	10
TRAFFIC SIGNAL POST, GALVANIZED STEEL 4.85 METER	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 14.63 METER	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16.46 METER	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 18.29 METER	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 22.56 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	15.0
CONCRETE FOUNDATION, TYPE E 1060mm DIAMETER	METER	7.6
DETECTOR LOOP, TYPE 1	METER	559
ELECTRIC CABLE IN CONDUIT NO. 20, 3/C, TWISTED, SHIELDED	METER	720
LIGHTING CONTROLLER, SPECIAL	EACH	1

PROPOSED CABLE DIAGRAM LEGEND

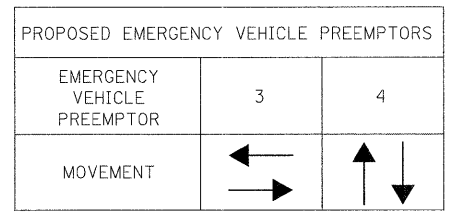
- CONTROLLER AND CABINET
- LIGHTING CONTROLLER AND CABINET
- SERVICE INSTALLATION
- TRAFFIC SIGNAL HEAD WITH BACKPLATE
- PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN DISPLAY
- PEDESTRIAN PUSH BUTTON
- DETECTOR LOOP
- DETECTOR LOOP SYSTEM
- GROUND ROD AT HANDHOLE OR DOUBLE HANDHOLE
- GROUND ROD AT POST (P) OR 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

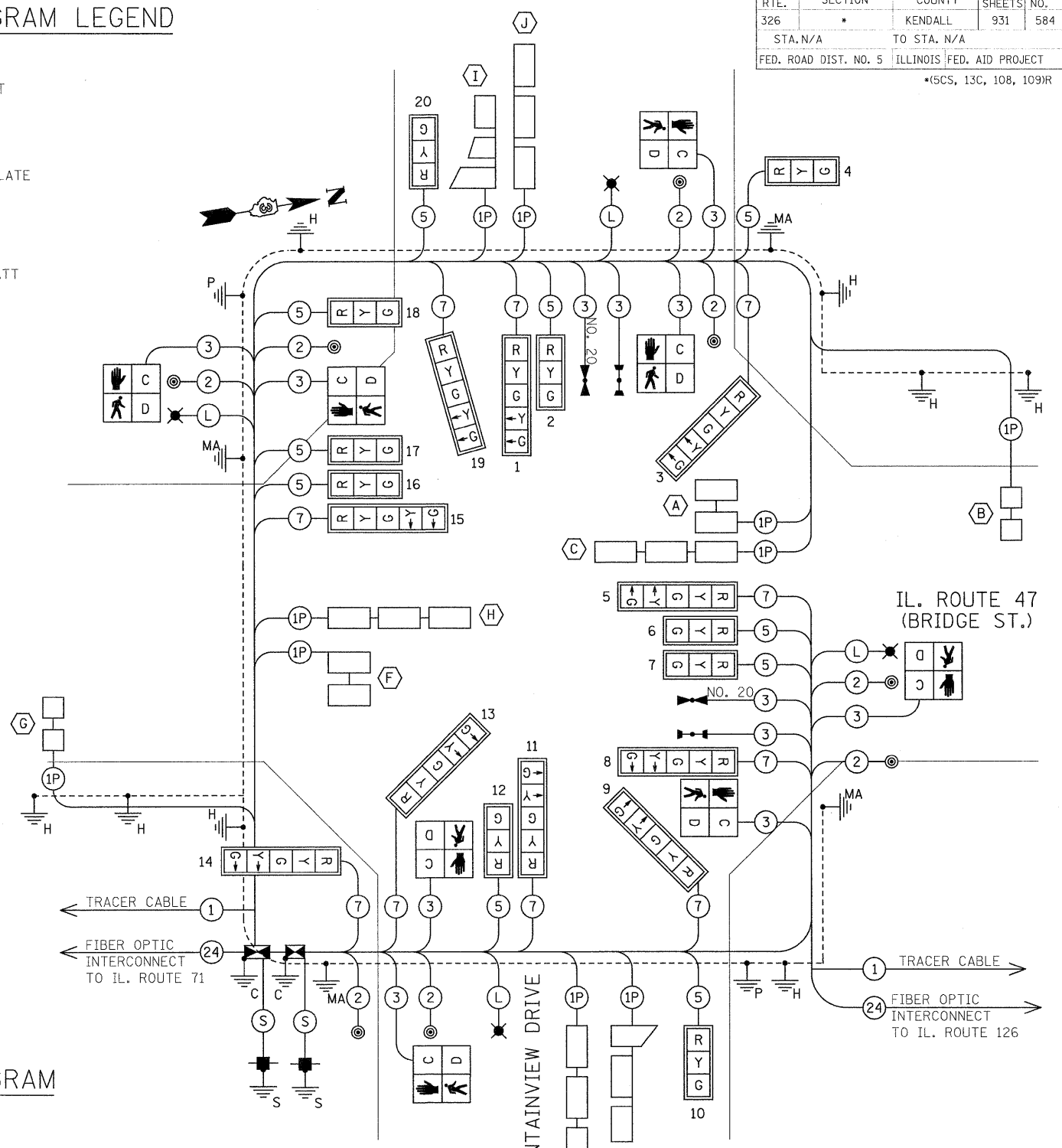


LIGHTING CIRCUIT DIAGRAM

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



EMERGENCY VEHICLE PREEMPTION SEQUENCE



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.

REVISIONS	
NAME	DATE

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

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

PLOT DATE = 8/11/2011
 FILE NAME = H:\S122\design\584\Fountainview-04b1.dgn
 PLOT SCALE = 6.3500 m / IN.
 USER NAME = _USERDESCR.