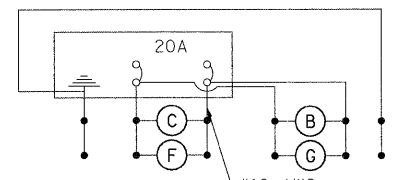


SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	QUANTITY
SERVICE INSTALLATION - GROUND MOUNTED	EACH	2
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	3
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
UNINTERRUPTIBLE POWER SUPPLY, EXTENDED	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
DRILL EXISTING HANDHOLE	EACH	3
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5
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	19
INDUCTIVE LOOP DETECTOR	EACH	13
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	2
REMOVE EXISTING CONCRETE FOUNDATION	EACH	9
SIGN PANEL - TYPE 1	SQ M	4.0
SIGN PANEL - TYPE 2	SQ M	5.2
CONDUIT IN TRENCH 25mm DIA., PVC	METER	109
CONDUIT IN TRENCH 50mm DIA., PVC	METER	207
CONDUIT IN TRENCH 65mm DIA., PVC	METER	1
CONDUIT IN TRENCH 75mm DIA., PVC	METER	6
CONDUIT IN TRENCH 100mm DIA., PVC	METER	38
CONDUIT PUSHED, 100mm DIA., GALVANIZED STEEL	METER	91
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	683
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	359
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	METER	397
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	METER	413
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	METER	685
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	METER	486
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14, 1-PAIR	METER	1727
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	METER	10
TRAFFIC SIGNAL POST, GALVANIZED STEEL 4.85 METER	EACH	3
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 10.97 METER	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 14.02 METER	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 15.24 METER	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 15.85 METER	EACH	1
CONCRETE FOUNDATION, TYPE A	METER	3.0
CONCRETE FOUNDATION, TYPE C (SPECIAL)	METER	1.1
CONCRETE FOUNDATION, TYPE E 900mm DIAMETER	METER	16.6
DETECTOR LOOP, TYPE 1	METER	555
ELECTRIC CABLE IN CONDUIT NO. 20, 3/C, TWISTED, SHIELDED	METER	404
LIGHTING CONTROLLER, SPECIAL	EACH	1

PROPOSED CABLE DIAGRAM LEGEND

- PROPOSED
- TRAFFIC CONTROLLER AND CABINET
 - LIGHTING CONTROLLER AND CABINET
 - SERVICE INSTALLATION
 - TRAFFIC SIGNAL HEAD WITH BACKPLATE
 - DENOTES NUMBER OF CONDUCTORS
 - LUMINAIRE, SODIUM VAPOR, 250 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



LIGHTING CIRCUIT DIAGRAM

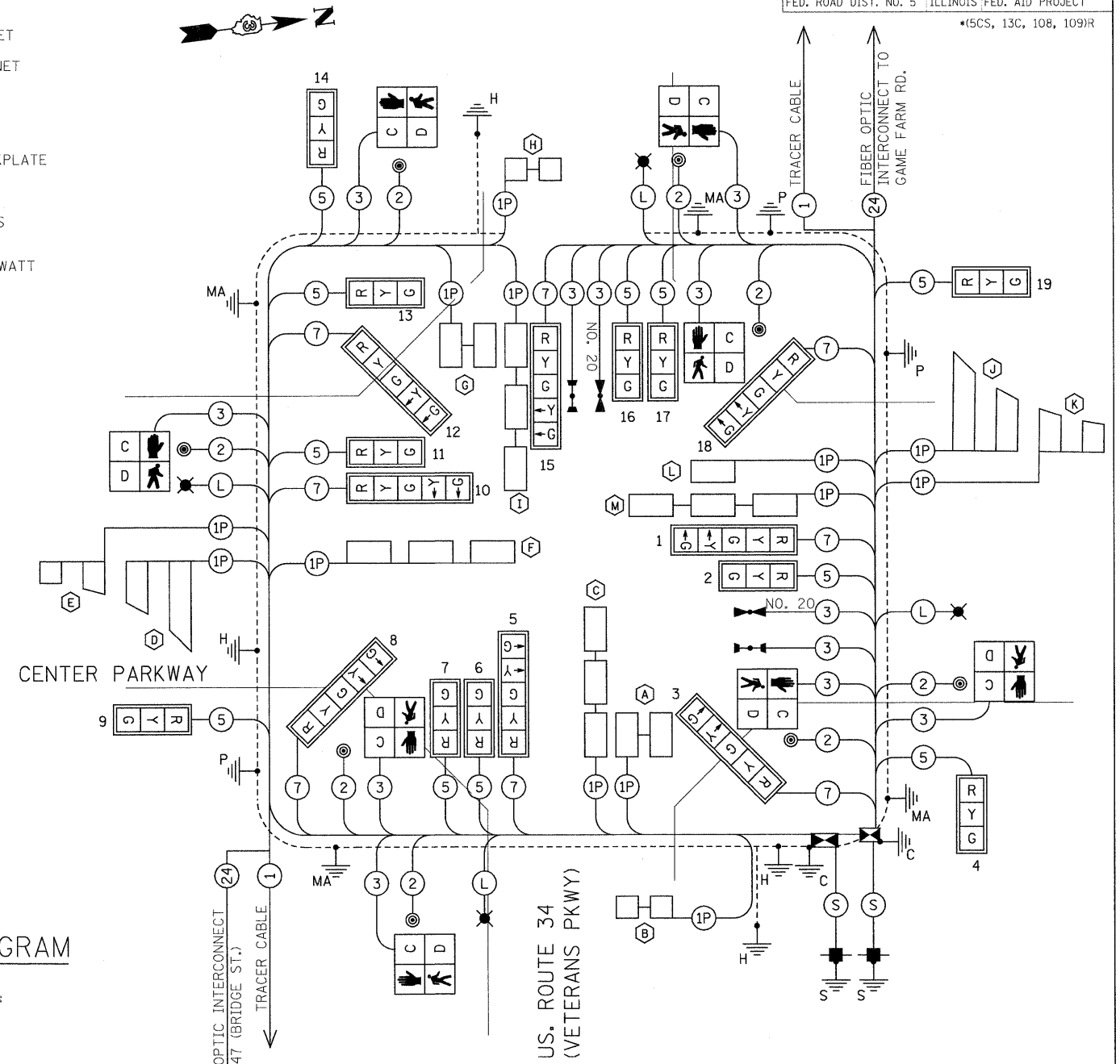
AGENCY RESPONSIBLE FOR ENERGY CHARGES:
 CITY OF YORKVILLE
 CONTRACTOR PAYS ALL ENERGY CHARGES
 UNTIL PROJECT IS ACCEPTED

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

PROPOSED EMERGENCY VEHICLE PREEMPTORS

EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↑ ↓	← →

EMERGENCY VEHICLE PREEMPTION SEQUENCE



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
 US ROUTE 34 (VETERANS PKWY)/
 CENTER PARKWAY

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

PLOT DATE = 8/11/2011
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