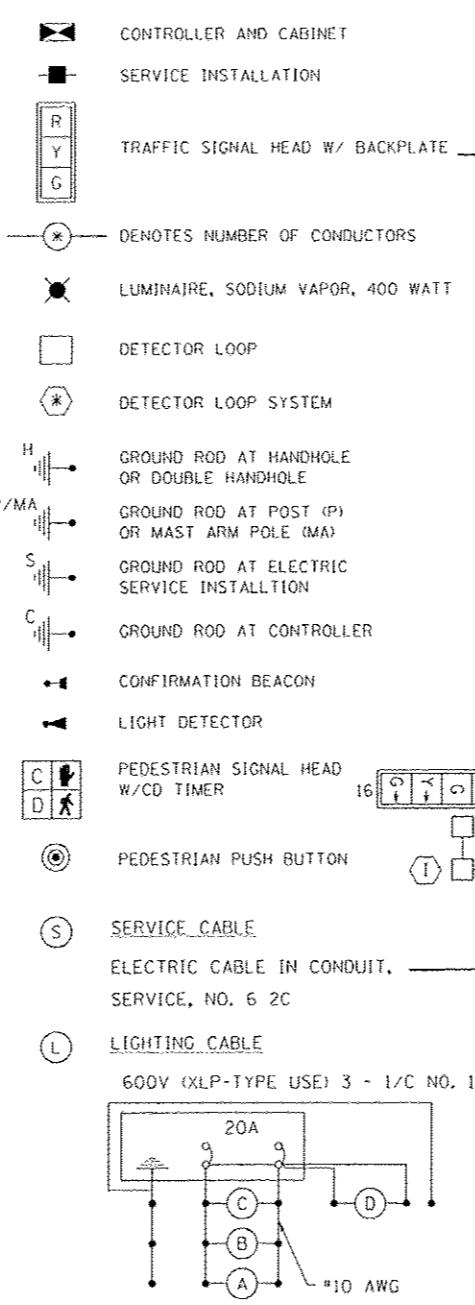


SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SO FT	27
SIGN PANEL - TYPE 2	SO FT	23
SERVICE INSTALLATION - GROUND MOUNTED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	106
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	359
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	293
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	1471
UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	154
UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	8
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	7
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	2667
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	4
UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1363
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1870
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1354
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1688
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14, 1-PAIR	FOOT	4010
ELECTRIC CABLE IN CONDUIT, SERVICE NO. 6 2C	FOOT	27
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	593
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3
PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	3
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 68 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 74 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	18
CONCRETE FOUNDATION, TYPE C	FOOT	3
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	30
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	50
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	5
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	3
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	3
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED W/CD TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	17
INDUCTIVE LOOP DETECTOR	EACH	12
DETECTOR LOOP, TYPE I	FOOT	1554
LIGHT DETECTOR	EACH	4
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	8
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	569
LOOP DETECTOR TESTING	EACH	1

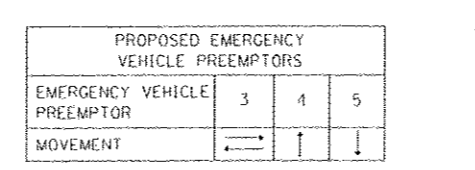
PROPOSED CABLE DIAGRAM LEGEND



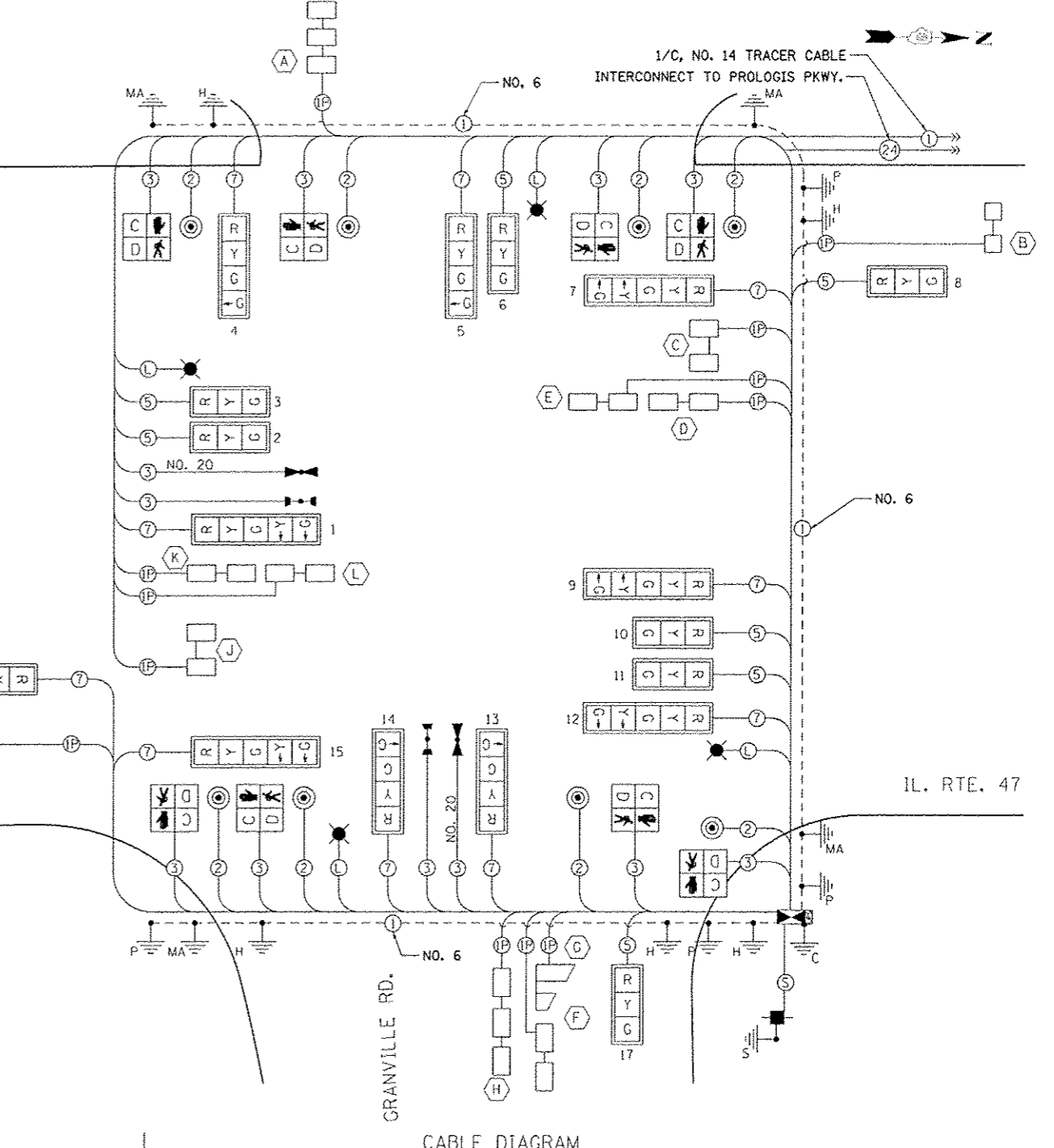
LIGHTING CIRCUIT DIAGRAM

AGENCY RESPONSIBLE FOR ENERGY CHARGES:
CITY OF MORRIS

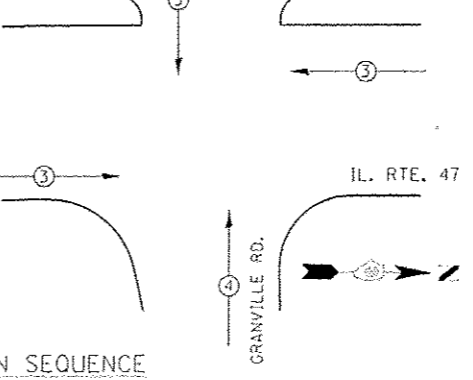
CONTRACTOR PAYS ALL ENERGY CHARGES
UNTIL PROJECT IS ACCEPTED.



EMERGENCY VEHICLE PREEMPTION SEQUENCE



CABLE DIAGRAM



THE TRAFFIC SIGNAL EQUIPMENT FOR THIS CONTRACT SHALL BE EAGLE BRAND. THE CONTROLLERS FURNISHED SHALL BE THE MOST CURRENT EAGLE BRAND.

PEDESTRIAN PUSHBUTTONS SHALL BE BULLDOGS.

THE EMERGENCY VEHICLE PRE-EMPTION EQUIPMENT SHALL BE COMPLETELY COMPATIBLE WITH ALL COMPONENTS OF THE EQUIPMENT CURRENTLY USED BY THE CITY OF MORRIS. THE CITY CURRENTLY USES TOMAR EQUIPMENT.

NOTIFY THE TRAFFIC SIGNAL SECTION AT (815) 434-8506 72 HOURS IN ADVANCE TO REDESIGN THE DETECTOR LOOPS, IF POSSIBLE, TO AVOID CONSTRUCTION JOINTS.