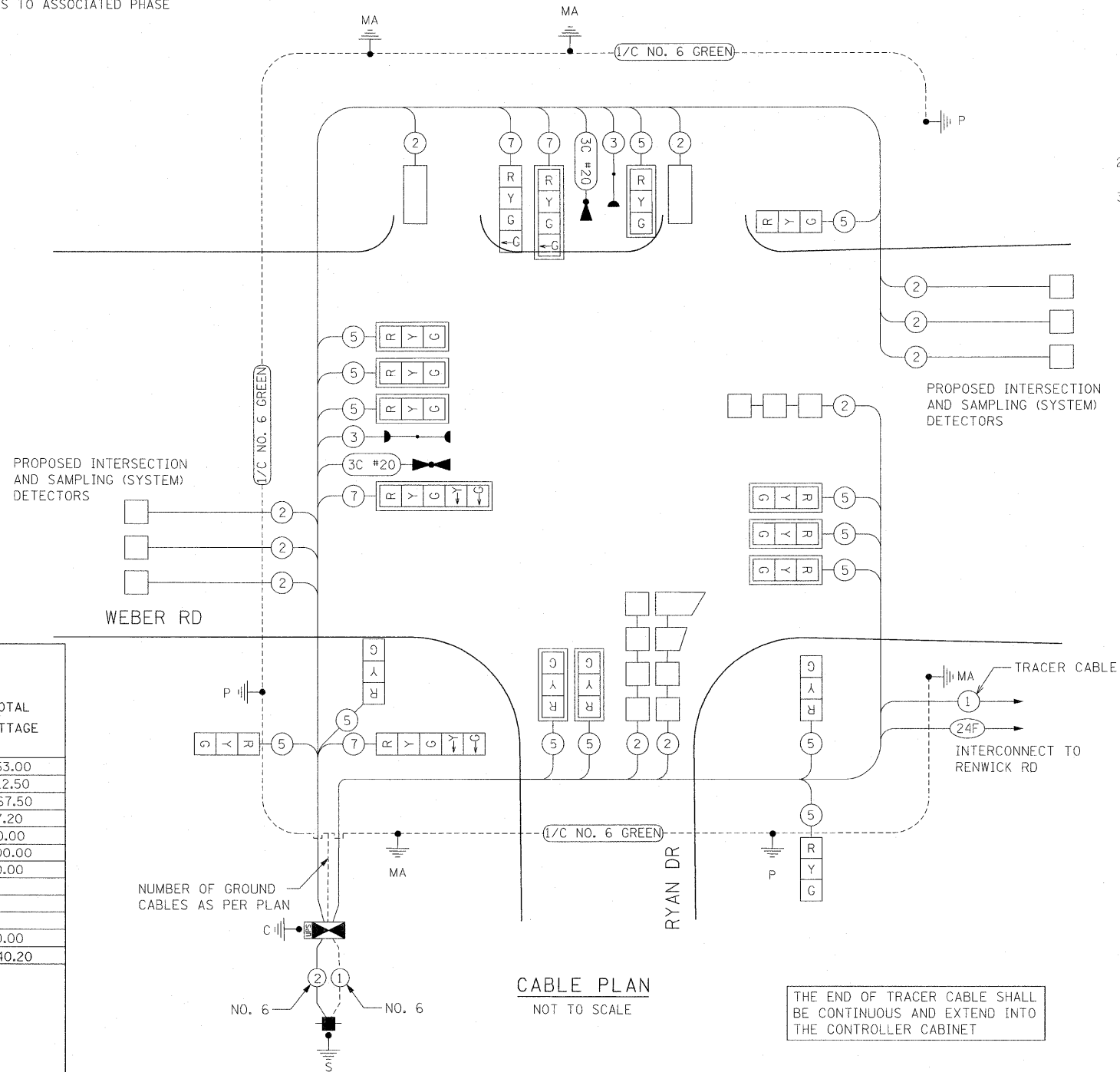


NOTE: EQUIPMENT GROUND CONDUCTOR (GREEN COLOR CODED) SPLICE TO FRAME AND COVER IS REQUIRED FOR ALL HANDHOLES OR DOUBLE HANDHOLES THAT CARRY SIGNAL CABLES AND SERVICE CABLES.

EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↑



SCHEDULE OF QUANTITIES

QTY	UNIT	ITEM DESCRIPTION
1	EACH	SERVICE INSTALLATION - GROUND MOUNTED
674	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
33	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.
30	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.
374	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.
5	EACH	HANDHOLE
2	EACH	HEAVY-DUTY HANDHOLE
1	EACH	DOUBLE HANDHOLE
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, STANDARD
1	EACH	TRANSCEIVER-FIBER OPTIC
517	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
2460	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
804	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
3383	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
35	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
585	FOOT	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C
2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
2	EACH	STEEL MAST ARM ASSEMBLY AND POLE 36 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE 42 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE 50 FT.
12	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
27	FOOT	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER
28	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
9	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, LED, 3-FACE, 2-3 SECTION, 1-5 SECTION BRACKET MOUNTED
11	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
11	EACH	INDUCTIVE LOOP DETECTOR
101	FOOT	DETECTOR LOOP, TYPE 1
767	FOOT	PREFORMED DETECTOR LOOP
1	EACH	LIGHT DETECTOR
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
1	EACH	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT
1	EACH	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	FULL-ACTUATED CONTROLLER AND CABINET, TYPE IV, SPECIAL
517	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3C, TWISTED, SHIELDED
1	EACH	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2
1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING

TYPE	NO. LAMPS	WATTAGE		%OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	18	17	0.50	153.00	
(YELLOW)	18	25	0.25	112.50	
(GREEN)	18	15	0.25	67.50	
ARROW	6	12	0.10	7.20	
PED. SIGNAL	0	25	1.00	0.00	
CONTROLLER	1	100	1.00	100.00	
ILLUM. SIGN	0	25	0.05	0.00	
FLASHER	0		0.50	0.00	
TOTAL =					440.20

ENERGY COSTS TO:
 CITY OF CREST HILL
 1610 PLAINFIELD ROAD
 CREST HILL, ILLINOIS 60403

ENERGY SUPPLY CONTACT: JIM GLOVER
 PHONE: (815) 724-5054
 COMPANY: COMED

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RYAN DRIVE & WEBER ROAD
 SCHEDULE OF QUANTITIES,
 CABLE PLAN

SCALE: 1"=20'
 DATE: APRIL, 2011

DRAWN BY: JJS
 CHECKED BY: MFB

10/20/2011 P:\79766\cadd\drawings\094-Cable-Ryan.dgn