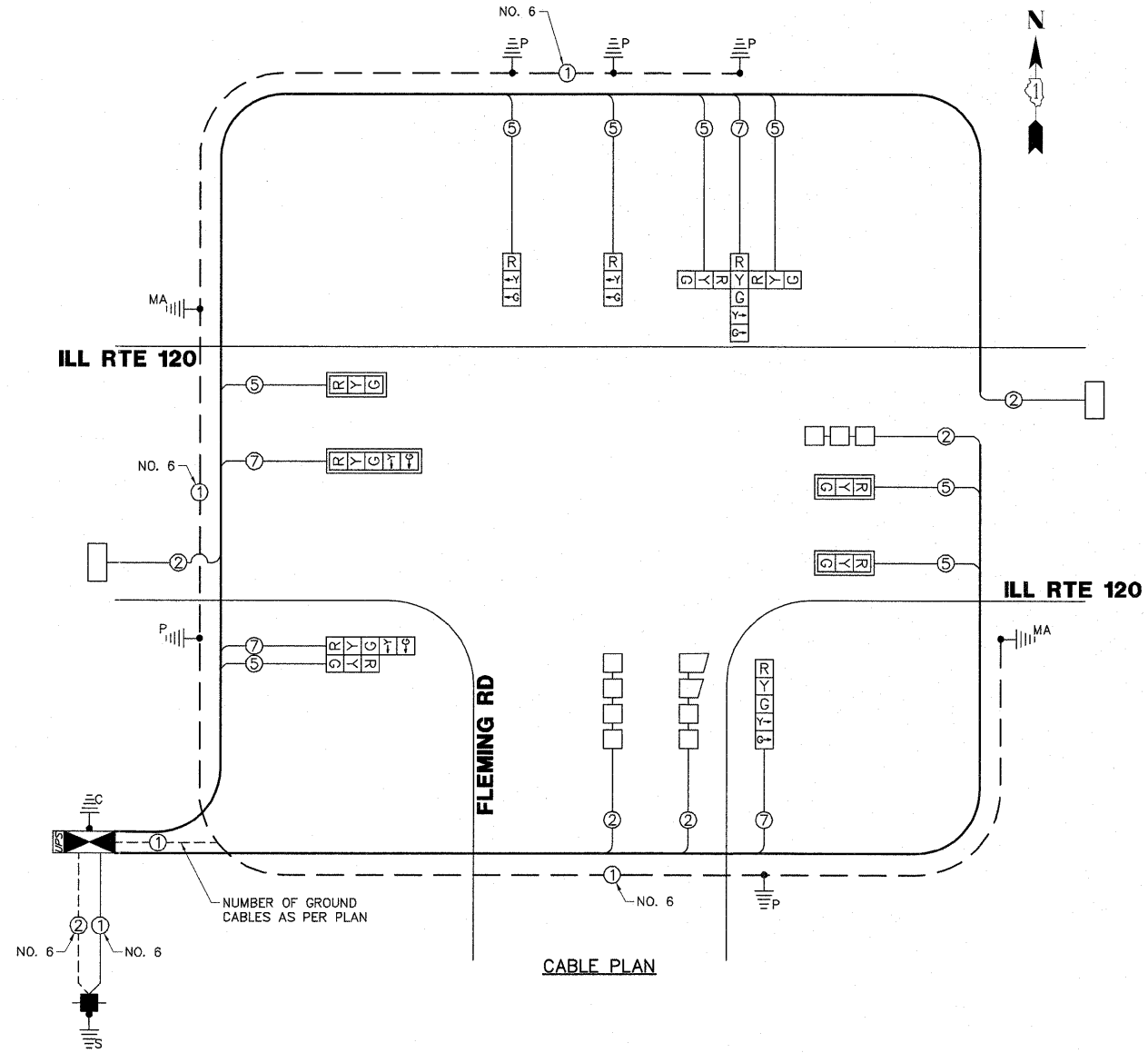
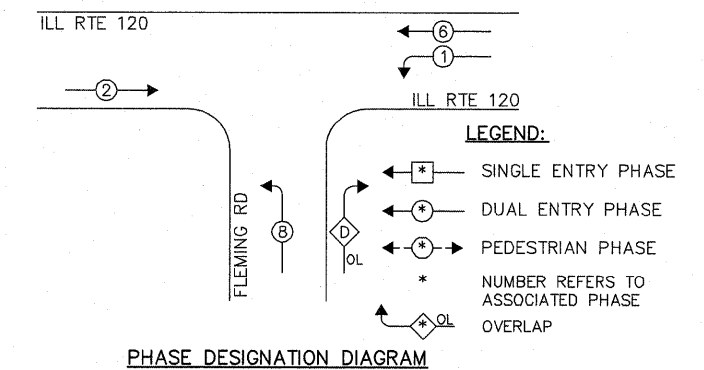


SCHEDULE OF QUANTITIES
ILL RTE 120 AT FLEMING ROAD

NO.	QUANT.	UNIT	DESCRIPTION
1.	16.50	SQ FT	SIGN PANEL - TYPE 1
2.	1	EACH	SERVICE INSTALLATION - POLE MOUNTED
3.	510	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
4.	87	FOOT	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL
5.	52	FOOT	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL
6.	104	FOOT	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL
7.	167	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
8.	222	FOOT	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL
9.	1	EACH	HANDHOLE
10.	6	EACH	HEAVY-DUTY HANDHOLE
11.	1	EACH	DOUBLE HANDHOLE
12.	665	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
13.	1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET
14.	1	EACH	UNINTERRUPTIBLE POWER SUPPLY
15.	1,613	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
16.	672	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
17.	1,208	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
18.	56	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C
19.	453	FOOT	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C
20.	4	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.
21.	1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
22.	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.
23.	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.
24.	20	FOOT	CONCRETE FOUNDATION, TYPE A
25.	4	FOOT	CONCRETE FOUNDATION, TYPE C
26.	10	FOOT	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER
27.	13	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
28.	3	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
29.	3	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
30.	1	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
31.	1	EACH	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
32.	1	EACH	SIGNAL HEAD, LED, 3-FACE, 2-3 SECTION, 1-5 SECTION BRACKET MOUNTED
33.	4	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
34.	5	EACH	INDUCTIVE LOOP DETECTOR
35.	470	FOOT	DETECTOR LOOP, TYPE I



CONTROLLER SEQUENCE



OVERLAP LETTER = PERMISSIVE PHASE + PROTECTED PHASE
D = 8 + 1

Restoration of Work Area. Restoration of the traffic signal work area shall be incidental to the related pay items such as foundation, conduit, handhole, trench and backfill, etc., and no extra compensation shall be allowed. All roadway surfaces such as shoulders, medians, sidewalks, pavement, etc. shall be replaced in kind. All damage to mowed lawns shall be replaced with an approved sod, and all damage to unmowed fields shall be seeded in accordance with Standard Specifications 252 and 250 respectively.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	INCAND.	L.E.D.	% OPERATION	
SIGNAL (RED)	12	135	17	0.50	102.0
SIGNAL (YELLOW)	12	135	25	0.25	75.0
SIGNAL (GREEN)	12	135	15	0.25	45.0
ARROW	8	135	12	0.10	9.6
PED. SIGNAL	-	90	25	1.00	-
CONTROLLER	1	-	100	1.00	100.0
LUMINAIRE	-	-	250	0.50	-
L.E.D. ST. NAME SIGN	-	-	64	0.50	-
VIDEO SYSTEM	-	-	150	1.00	-
BATTERY BACKUP	1	-	25	1.00	25.0
ILLUMINATED SIGN	-	-	25	0.05	-
TOTAL =					356.6

ENERGY COSTS - BILLED TO: IL DEPT. OF TRANSPORTATION
(ADDRESS) 201 W. CENTER COURT
(ADDRESS) SCHAUMBURG, IL 60196-1096
ENERGY SUPPLY - CONTACT: NEW BUSINESS
PHONE: (866) 639-3552
COMPANY: CQM ED