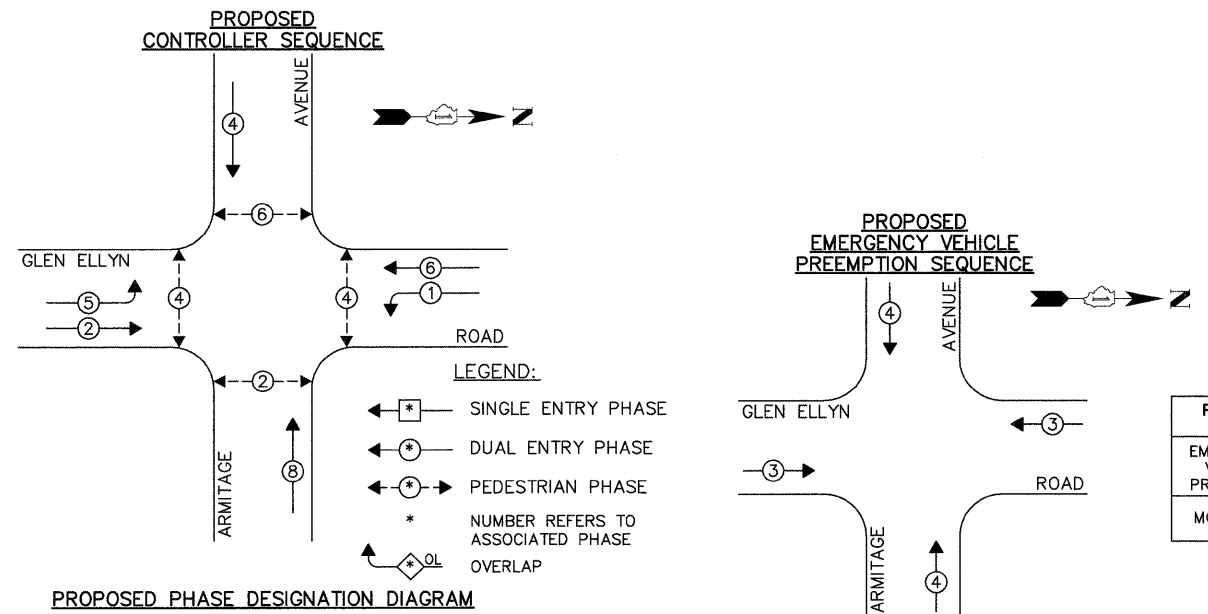
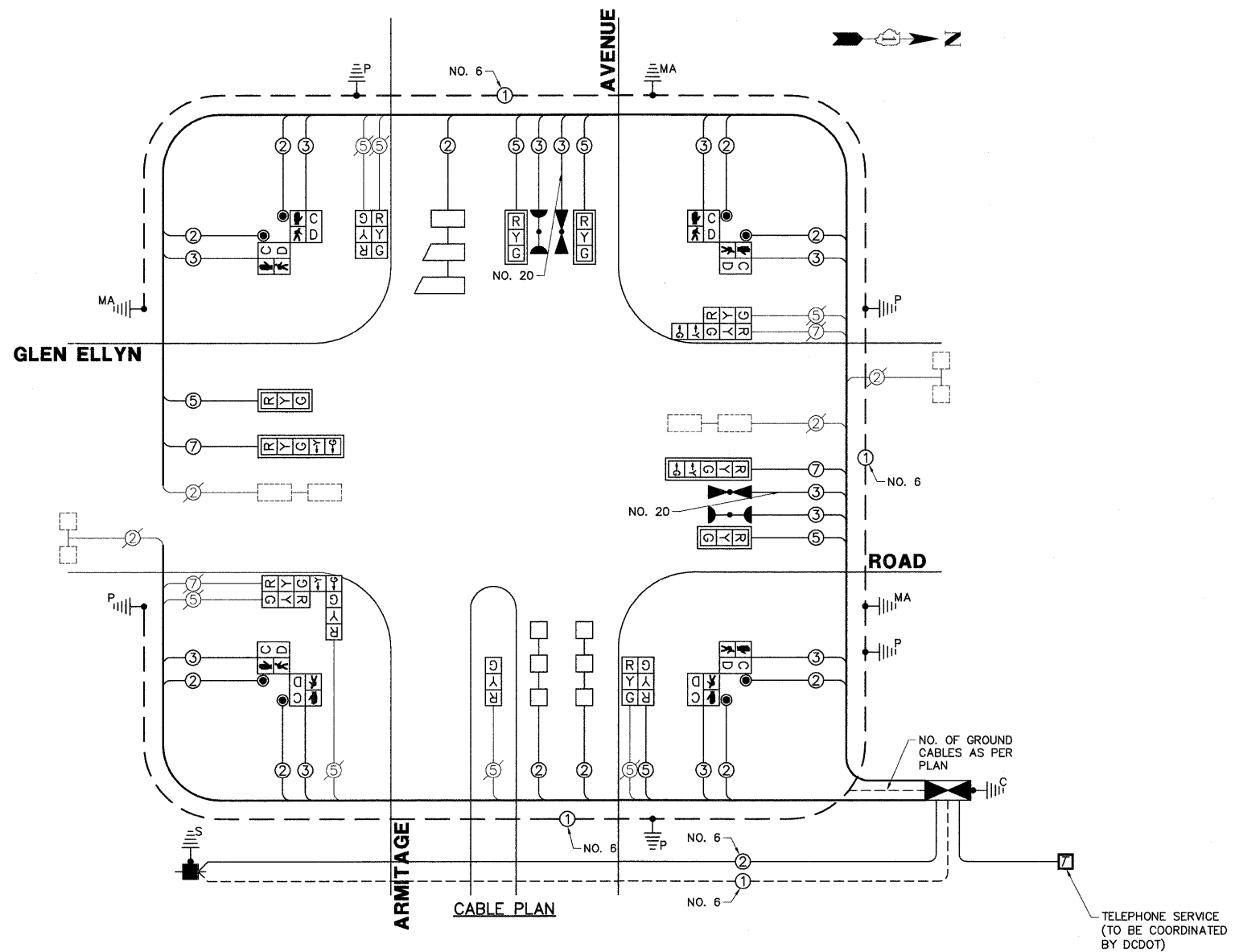


SCHEDULE OF QUANTITIES
GLEN ELLYN ROAD AT ARMITAGE AVENUE

NO.	QUANT.	UNIT	DESCRIPTION
1.	1	EACH	SERVICE INSTALLATION - POLE MOUNTED
2.	150	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
3.	5	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.
4.	85	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.
5.	181	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.
6.	1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
7.	1	EACH	FULL-ACTUATED CONTROLLER AND TYPE V CABINET
8.	1	EACH	MASTER CONTROLLER
9.	1	EACH	TRANSCIVER - FIBER OPTIC
10.	567	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
11.	900	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
12.	811	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
13.	385	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
14.	297	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 20 3C
15.	322	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
16.	686	FOOT	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C
17.	1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.
18.	3	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.
19.	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.
20.	2	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.
21.	4	FOOT	CONCRETE FOUNDATION, TYPE A
22.	1	EACH	MODIFY EXISTING TYPE "D" FOUNDATION
23.	30	FOOT	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER
24.	17	EACH	DRILL EXISTING HANDHOLE
25.	4	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
26.	2	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
27.	2	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
28.	2	EACH	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
29.	1	EACH	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
30.	1	EACH	SIGNAL HEAD, LED, 3-FACE, 2-3 SECTION, 1-5 SECTION BRACKET MOUNTED
31.	4	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
32.	6	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
33.	7	EACH	INDUCTIVE LOOP DETECTOR
34.	340	FOOT	DETECTOR LOOP, TYPE I
35.	2	EACH	LIGHT DETECTOR
36.	1	EACH	LIGHT DETECTOR AMPLIFIER
37.	8	EACH	PEDESTRIAN PUSH-BUTTON
38.	803	FOOT	REMOVE ELECTRIC CABLE FROM CONDUIT
38.	1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
40.	4	EACH	REMOVE EXISTING CONCRETE FOUNDATION
41.	1	EACH	REMOVE EXISTING SERVICE INSTALLATION
42.	4	EACH	GROUNDING EXISTING HANDHOLE FRAME AND COVER
43.	1	EACH	REBUILD EXISTING HANDHOLE TO DOUBLE HANDHOLE



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	INCAND.	L.E.D.	% OPERATION	
SIGNAL (RED)	16	135	17	0.50	136.0
SIGNAL (YELLOW)	16	135	25	0.25	100.0
SIGNAL (GREEN)	16	135	15	0.25	60.0
ARROW	8	135	12	0.10	9.6
PED. SIGNAL	8	90	25	1.00	200.0
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	-	-	25	1.00	-
ILLUMINATED SIGN	-	-	25	0.05	-
TOTAL =					605.6

ENERGY COSTS - BILLED TO: VILLAGE OF GLEN ELLYN
 (ADDRESS) 20 S. LAMBERT ROAD
 (ADDRESS) GLEN ELLYN, IL 60137
 ENERGY SUPPLY - CONTACT: MS. DEB RANKIN
 PHONE: (630) 691-4379
 COMPANY: COM-ED

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.