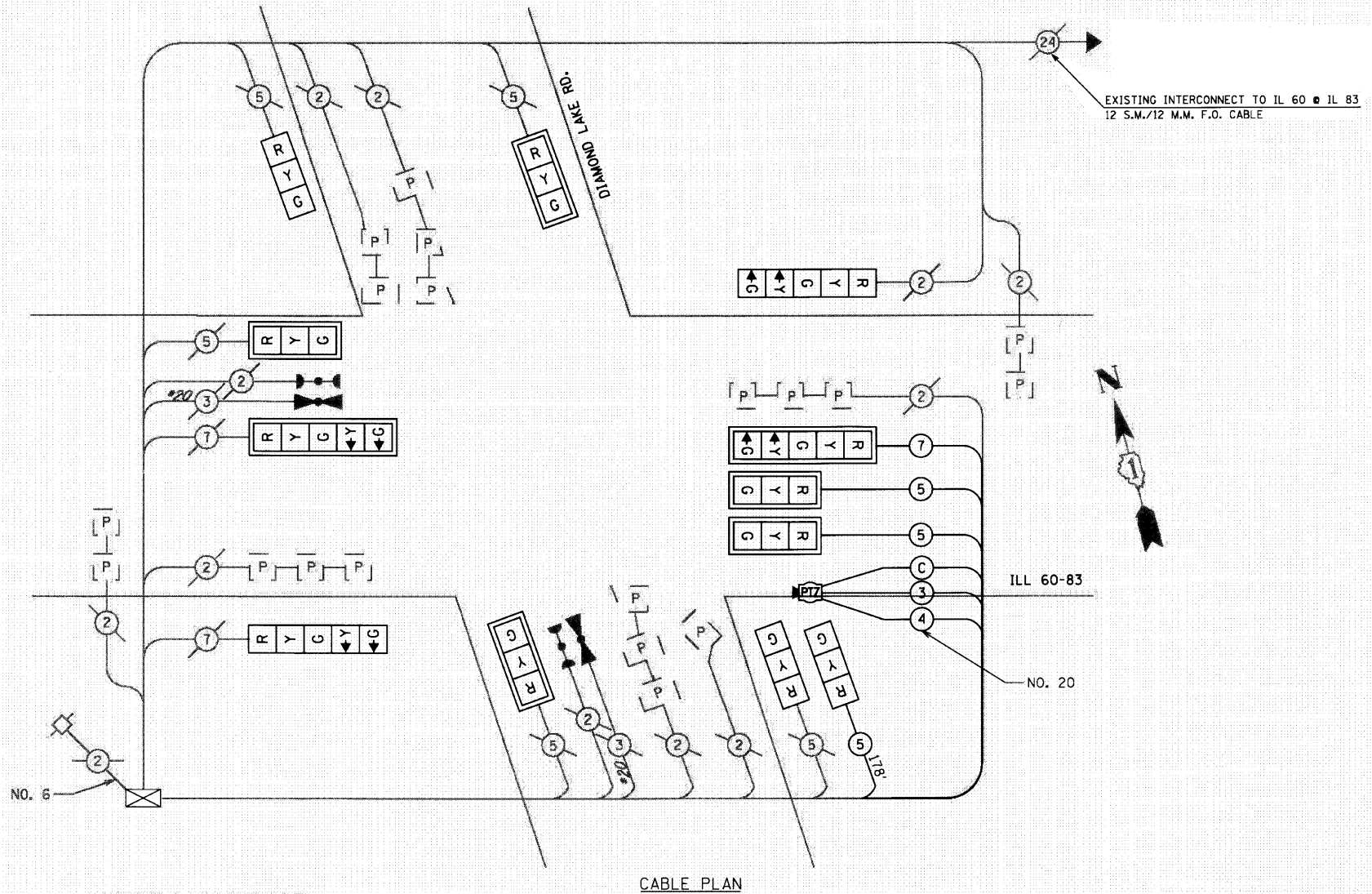
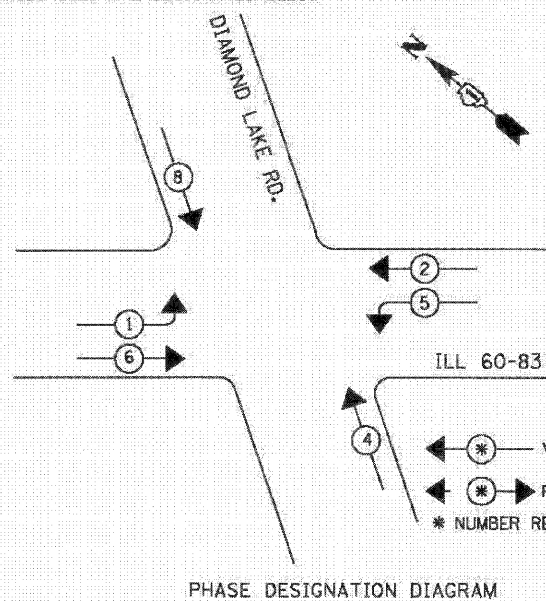


SCHEDULE OF QUANTITIES

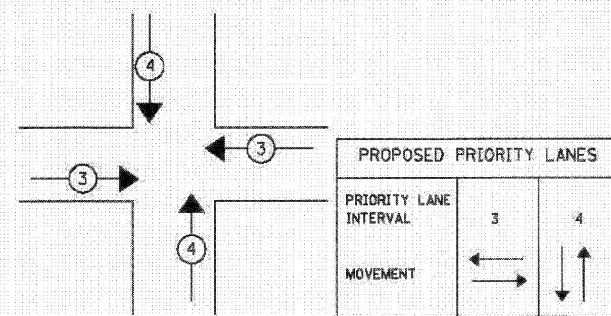
ITEM	UNIT	QTY.
CONDUIT IN TRENCH, 3 1/2" DIA., GALVANIZED STEEL	FOOT	22
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	22
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	203
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	570
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	214
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	1
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	15
DRILL EXISTING HANDHOLE	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	3
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	553
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
ELECTRIC CABLE IN CONDUIT, COAXIAL	FOOT	203
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT	EACH	2
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED, RETROFIT	EACH	3
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED, RETROFIT	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED, RETROFIT	EACH	1
REMOTE CONTROLLED VIDEO SYSTEM	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
VIDEO ENCODER	EACH	1
ELECTRIC CABLE IN CONDUIT, 4/C #20, VIDEO	FOOT	203



CONTROLLER SEQUENCE IV
 REFERRING TO STANDARD 2393-1, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED BELOW



LEGEND
 * VEHICULAR MOVEMENT
 * PEDESTRIAN MOVEMENT
 * NUMBER REFERS TO ASSOCIATED PHASE



EXISTING PRIORITY SEQUENCE FOR CONTROLLER SEQUENCE IV

I.D.O.T
 TRAFFIC SIGNAL INSTALLATION
 ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	WATTAGE LED	% OPERATION	TOTAL WATTAGE (LED)
SIGNAL (RED)	12	10	0.50	60
(YELLOW)	12	19	0.10	22.8
(GREEN)	12	11	0.40	52.8
ARROW	8	9	0.10	7.2
PED SIGNAL		9	1.00	
CONTROLLER	1	100	1.00	100
LUMINAIRE		250	0.50	
L.E.D. ST. NAME SIGN		64	0.50	
VIDEO SYSTEM	1	150	1.00	150
BATTERY BACKUP		25	1.00	
TOTAL				392.80

ENERGY COSTS - BILLED TO: VILLAGE OF MUNDELEIN
 (ADDRESS) 440 E. HAWLEY ST.
 (ADDRESS) MUNDELEIN, IL 60060
 ENERGY SUPPLY - CONTACT: PAUL CRUZ
 PHONE: 847-816-5247
 COMPANY: COMED



USER NAME = JM	DESIGNED - DG	REVISED -
PLOT SCALE = 1 INCH = 20 FEET	DRAWN - JM	REVISED -
PLOT DATE = 10-05-2010	CHECKED - DG	REVISED -
	DATE - 10-05-2010	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CABLE PLAN AND PHASE DESIGNATION DIAGRAM
 IL 60 @ DIAMOND LAKE RD.

ROUTE SECTION	SECTION NUMBER	SHEET	SHEETS
FAU 181	09-00999-07-TL	42	72
VCL-6-1		CONTRACT NO. 09472	

SCALE: N/A