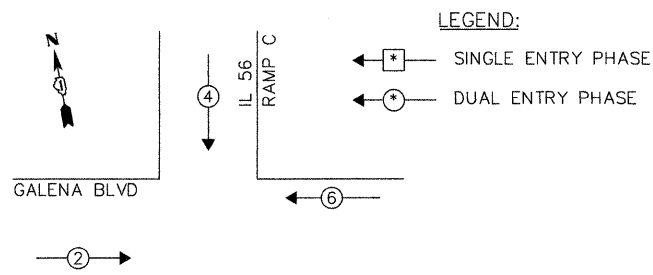


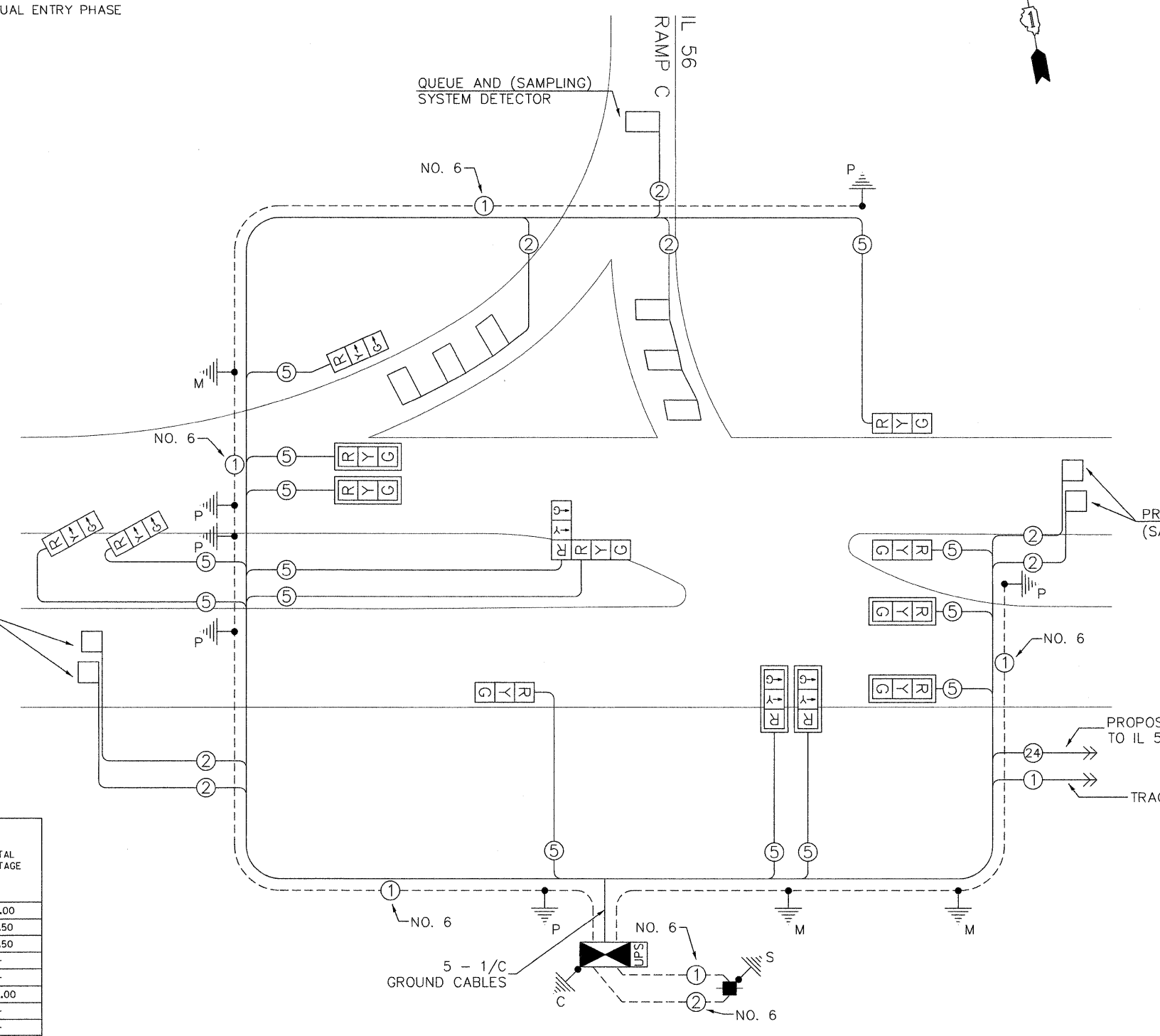
CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

**SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUANTITY
CHANGEABLE MESSAGE SIGN	CAL MO	1
SERVICE INSTALLATION, POLE MOUNTED	EACH	1
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	700
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	45
CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	35
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	120
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	200
CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	135
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	245
HANDHOLE	EACH	4
HEAVY-DUTY HANDHOLE	EACH	5
DOUBLE HANDHOLE	EACH	1
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	875
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
UNINTERRUPTIBLE POWER SUPPLY	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2320
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2170
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	125
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	890
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 14 FT	EACH	6
STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 30 FT	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	24
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	20
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13
SIGNAL HEAD LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	6
SIGNAL HEAD LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	6
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	6
INDUCTIVE LOOP DETECTOR	EACH	7
DETECTOR LOOP, TYPE I	FOOT	385



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

TYPE	NO. OF LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	14	17	0.50	119.00	
(YELLOW)	14	25	0.25	87.50	
(GREEN)	14	15	0.25	52.50	
ARROW	-	12	0.10	-	
PED. SIGNAL	-	25	1.00	-	
CONTROLLER	1	100	1.00	100.00	
ILLUM. SIGN	-	25	0.05	-	
VIDEO SYSTEM	-	-	1.00	-	
FLASHER	-	-	0.50	-	
ENERGY COSTS TO:		TOTAL =		359.00	

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS / DISTRICT 1  
 201 WEST CENTER COURT / SCHAUMBURG, ILLINOIS 60196-1096  
 ENERGY SUPPLY: CONTACT: TOM PERKINS  
 PHONE: (847) 894-7968  
 COMPANY: COMMONWEALTH EDISON

ADDENDUM 1 : ELIMINATION OF EMERGENCY VEHICLE PREEMPTION EQUIPMENT

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM 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.

FILE NAME =	USER NAME = pascencia	DESIGNED - IP	REVISED - 10/28/2011	<p align="center"><b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b></p>	<p align="center"><b>SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE GALENA BLVD AND IL 56 WEST RAMPS</b></p>			F.A.U. RTE. = 573	SECTION = 61HB-1-R	COUNTY = KANE	TOTAL SHEETS = 110	SHEET NO. = 38
#FILE ABBREVS	PLOT SCALE = 20,000,000' / 1" =	DRAWN - IP	REVISED -		SCALE: 1" =	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 60K76 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
	PLOT DATE = 10/28/2011	CHECKED - DAG	REVISED -									
		DATE - 08/25/2011	REVISED -									