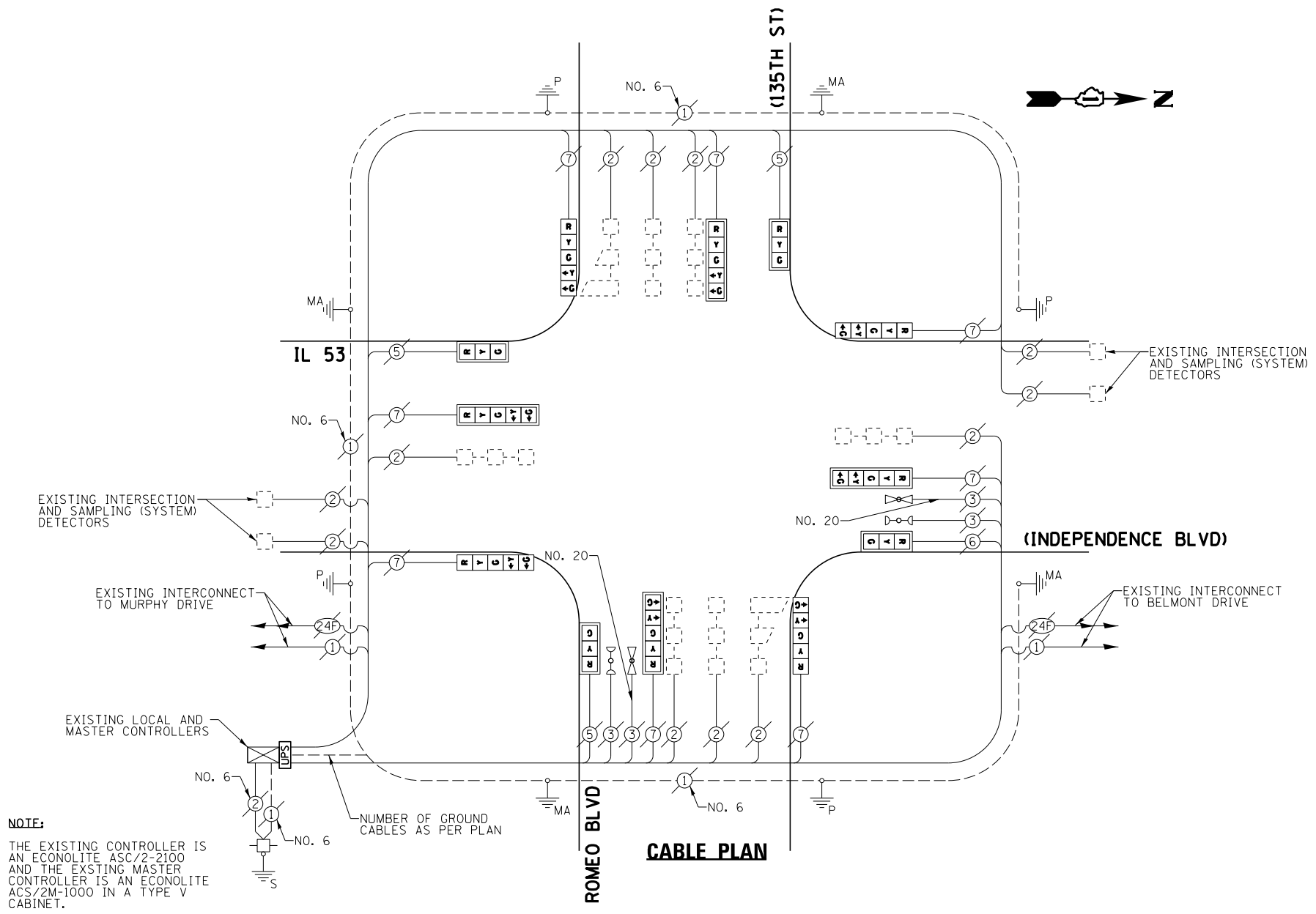


SCHEDULE OF QUANTITIES
 IL 53 (INDEPENDENCE BLVD) AT ROMEO BOULEVARD (135TH ST)

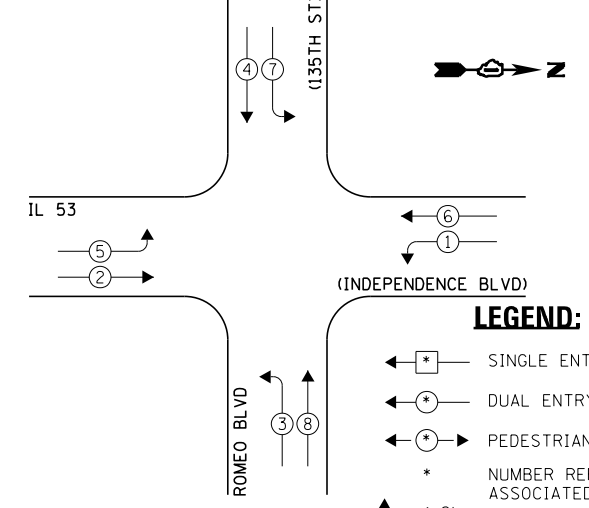
NO.	QUANT.	UNIT	DESCRIPTION
1.	1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
2.	1	EACH	MODIFY EXISTING CONTROLLER CABINET
3.	1	EACH	UNINTERRUPTABLE POWER SUPPLY, SPECIAL
4.	4	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT
5.	4	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED, RETROFIT
6.	4	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED, RETROFIT



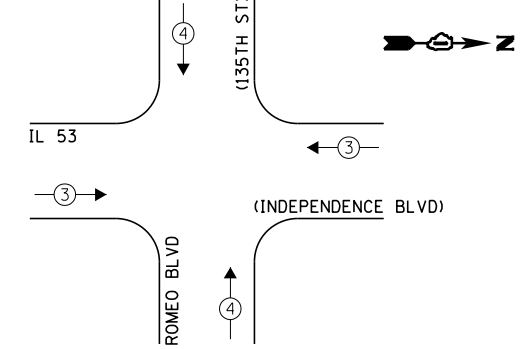
NOTE:
 THE EXISTING CONTROLLER IS AN ECONOLITE ASC/2-2100 AND THE EXISTING MASTER CONTROLLER IS AN ECONOLITE ACS/2M-1000 IN A TYPE V CABINET.

RETROFIT ALL EXISTING TRAFFIC SIGNAL HEADS TO L.E.D.

CONTROLLER SEQUENCE



EMERGENCY VEHICLE PREEMPTION SEQUENCE



LEGEND:

- ← * → SINGLE ENTRY PHASE
- ← * → DUAL ENTRY PHASE
- ← * → PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE
- ← * → OL OVERLAP

PHASE DESIGNATION DIAGRAM

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	16	135	12	0.10	19.2
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 =					366.2

ENERGY COSTS - BILLED TO: IL DEPT. OF TRANSPORTATION
 (ADDRESS) 201 W. CENTER COURT
 (ADDRESS) SCHAUMBURG, IL 60196-1096
 ENERGY SUPPLY - CONTACT: _____
 PHONE: _____
 COMPANY: _____

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

FILE NAME =	USER NAME = blumbergpa	DESIGNED - JRD	REVISED - PB 11/02/2012
S:\WP\Design\PB\60V74 Will County LED Installation\Final revisions CADD 10-25-12\60V74-	DRAWN - ZCW	REVISIONS	
Default	PLOT SCALE = 40.000000' / in.	CHECKED - KLB	REVISIONS
	PLOT DATE = 11/5/2012	DATE - 10-12-12	REVISIONS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, & EMERGENCY VEHICLE PREEMPTION SEQUENCE
 IL 53 (INDEPENDENCE BLVD) AT ROMEO BOULEVARD (135TH ST)
 SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIES	2012-067 I	WILL	39	37
CONTRACT NO. 60V74				
ILLINOIS FED. AID PROJECT				