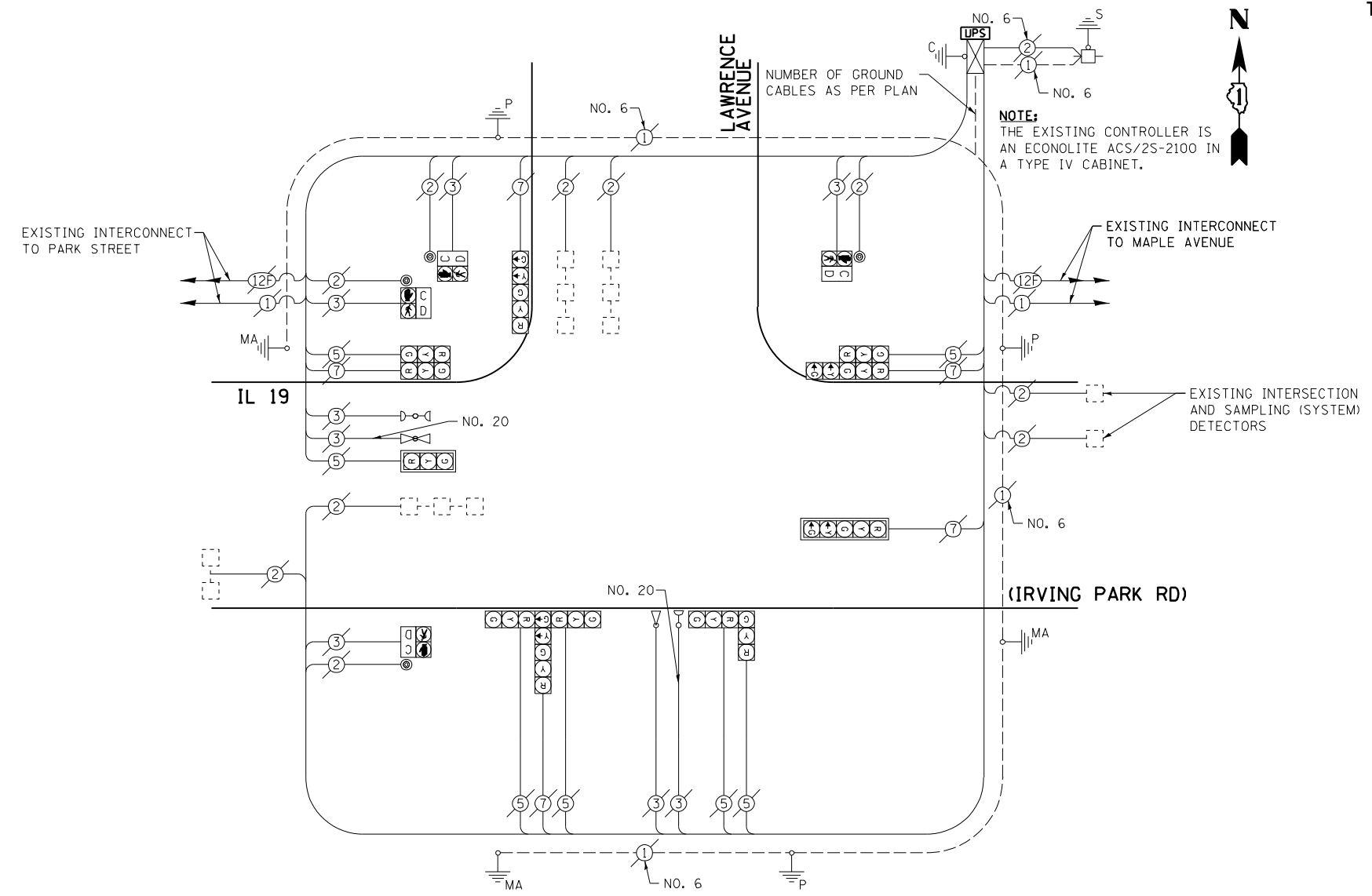


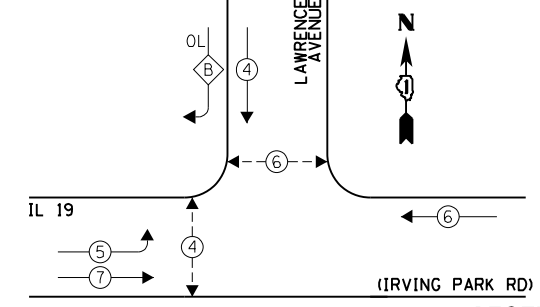
SCHEDULE OF QUANTITIES
IL 19 (IRVING PARK RD) AT LAWRENCE AVENUE

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

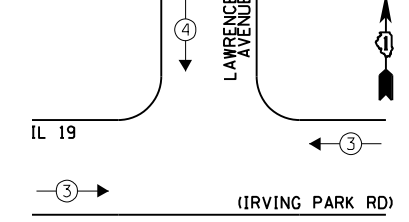


CABLE PLAN

EXISTING CONTROLLER SEQUENCE



EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



LEGEND:

- ← * → SINGLE ENTRY PHASE
 - ← * → DUAL ENTRY PHASE
 - ← * → PEDESTRIAN PHASE
 - * NUMBER REFERS TO ASSOCIATED PHASE
 - ← * OL → OVERLAP
- OVERLAP LETTER B = PERMISSIVE PHASE 4 + PROTECTED PHASE 5

EXISTING PHASE DESIGNATION DIAGRAM

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE 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	4	90 25	1.00	100.0
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	1	- 25	1.00	25.0
ILLUMINATED SIGN	-	- 25	0.05	-
TOTAL =				456.6

ENERGY COSTS - BILLED TO: IL DEPT. OF TRANSPORTATION
(ADDRESS) 201 W. CENTER COURT
(ADDRESS) SCHALMBURG, IL 60196-1096
ENERGY SUPPLY - CONTACT: JOE STACHO
PHONE: (630) 424-5704
COMPANY: CQM-ED

EXISTING EMERGENCY VEHICLE PREEMPTORS	
EMERGENCY VEHICLE PREEMPTOR	3 4
MOVEMENT	→ ↓

FILE NAME = 60V80-078-ts.dgn	USER NAME = zwallsten	DESIGNED - JRD	REVISED -
Default	PLOT SCALE = 1:20	DRAWN - ZCW	REVISED -
	PLOT DATE = 12/20/2012	CHECKED - KLB	REVISED -
		DATE - 12-20-12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, & EMERGENCY VEHICLE PREEMPTION SEQUENCE
IL 19 (IRVING PARK RD) AT LAWRENCE AVENUE
SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIES	2012-070 I	DuPAGE	103	78
			CONTRACT NO.	60V80
ILLINOIS FED. AID PROJECT				