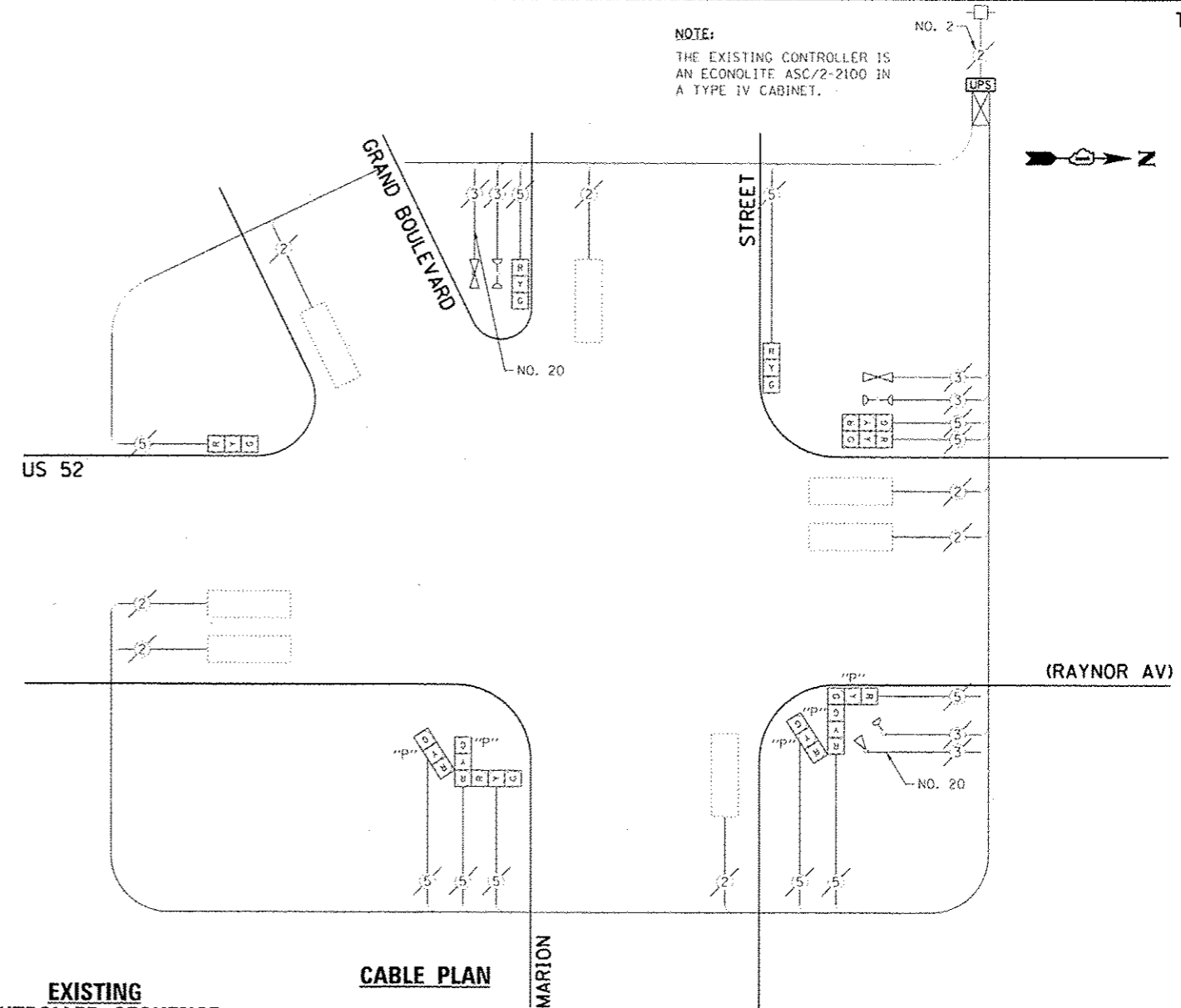


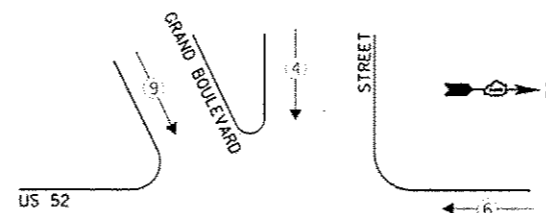
SCHEDULE OF QUANTITIES
US 52 (RAYNOR AV) AT MARION STREET

NO.	QUANT.	UNIT	DESCRIPTION
1.	1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
2.	1	EACH	MODIFY EXISTING CONTROLLER CABINET
3.	1	EACH	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL

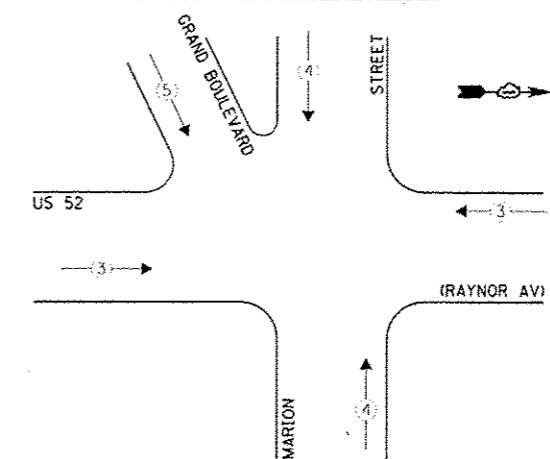
NOTE:
THE EXISTING CONTROLLER IS
AN ECONOLITE ASC/2-2100 IN
A TYPE IV CABINET.



EXISTING CONTROLLER SEQUENCE



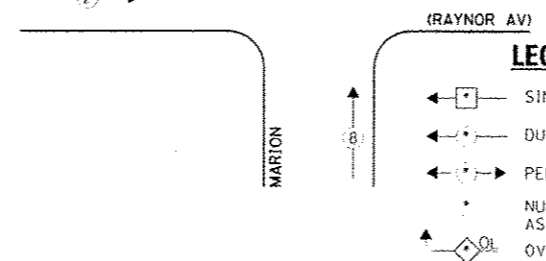
EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



LEGEND:

- ◀ ◻ ▶ SINGLE ENTRY PHASE
- ◀ ◻ ◻ ▶ DUAL ENTRY PHASE
- ◀ ◻ ◻ ◻ ▶ PEDESTRIAN PHASE
- NUMBER REFERS TO ASSOCIATED PHASE
- ◀ ◻ ◻ ▶ OVERLAP

EXISTING PHASE DESIGNATION DIAGRAM



EXISTING EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT		

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				TOTAL WATTAGE	
TYPE	NO. LAMPS	WATTAGE	OPERATION		
SIGNAL (RED)	11	135	17	0.50	93.5
SIGNAL (YELLOW)	11	135	25	0.25	68.75
SIGNAL (GREEN)	11	135	15	0.25	41.25
ARROW	-	135	12	0.10	-
PEL. 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 =					328.5

ENERGY COSTS - BILLED TO: IL DEPT. OF TRANSPORTATION
(ADDRESS) 201 W. CENTER COURT
(ADDRESS) SCHAMBERG, IL 60196-1096
ENERGY SUPPLY - CONTACT: TIM COSLET
PHONE: 815-724-5010
COMPANY: COMED - JOLIET

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

FILE NAME -	USER NAME - gwhitten	DESIGNED - JRD	REVISED - 05-24-13
BB9C-Raynor and Marion.dgn		DRAWN - GW3	REVISED -
Default	PLOT SCALE - 1/20	CHECKED - KLB	REVISED -
	PLOT DATE - 5/24/2013	DATE - 05/24/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, & EMERGENCY VEHICLE PREEMPTION SEQUENCE
US 52 (RAYNOR AV) AT MARION STREET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE. VAR	SECTION 2013-003-1	COUNTY WILL	TOTAL SHEETS 89	SHEET NO. 89C
CONTRACT NO. 60W21				ILLINOIS FED. AID PROJECT