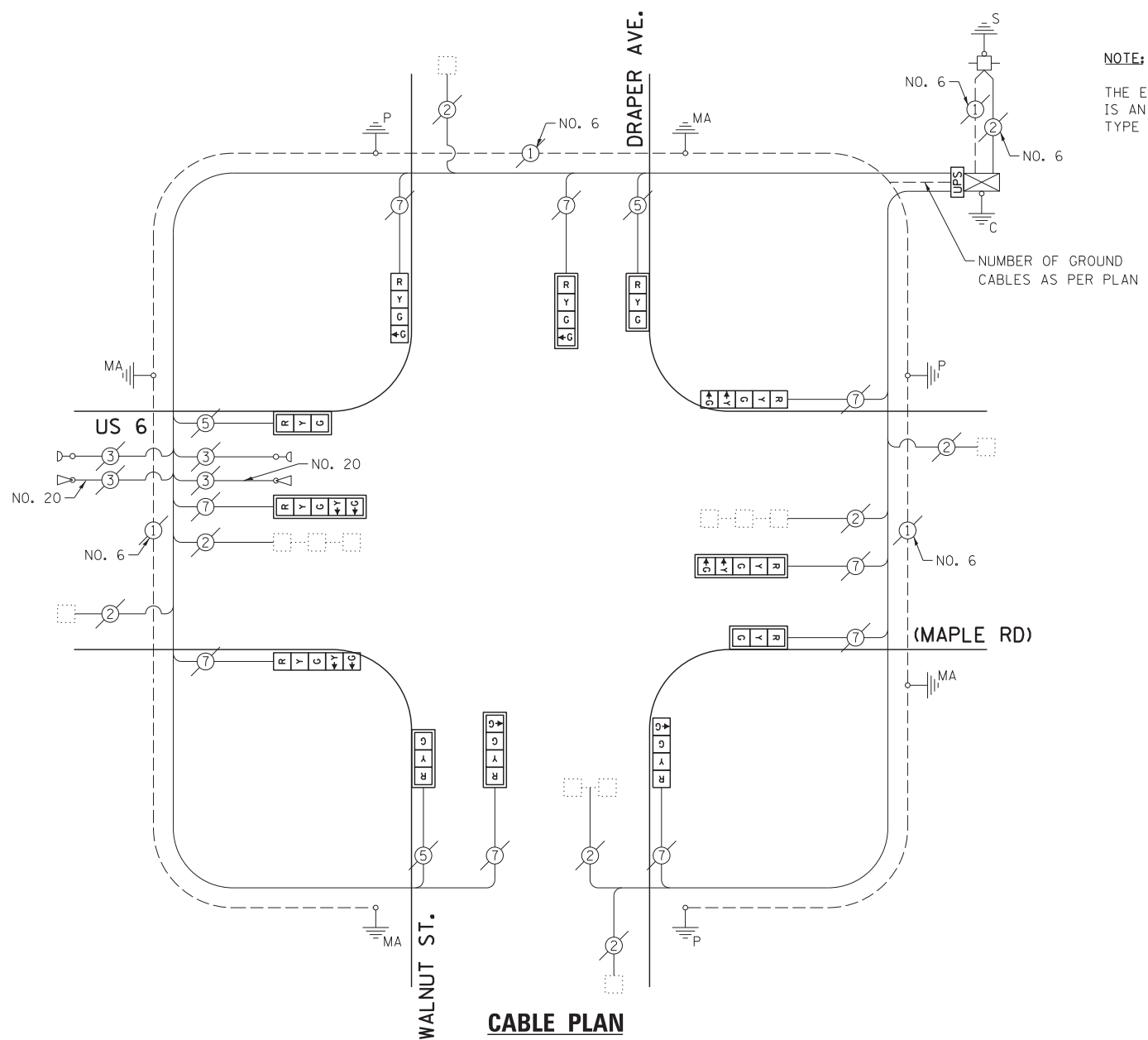


**SCHEDULE OF QUANTITIES**  
U.S 6 (MAPLE RD) AT WALNUT AVENUE / DRAPER AVENUE

NO.	QUANT.	UNIT	DESCRIPTION
1.	1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
2.	4	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
3.	2	EACH	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED
4.	2	EACH	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED
5.	2	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
6.	2	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
7.	8	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
8.	1	EACH	MODIFY EXISTING CONTROLLER CABINET
9.	1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
10.	1	EACH	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL

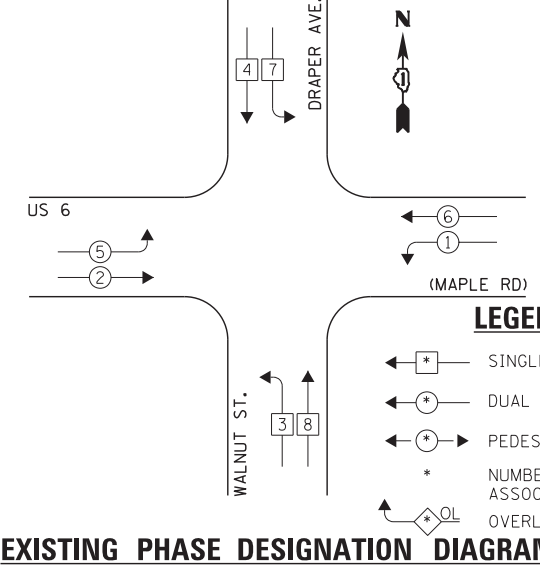
**NOTE:**  
THE EXISTING CONTROLLER IS AN EAGLE EPAC 300 IN A TYPE IV CABINET.



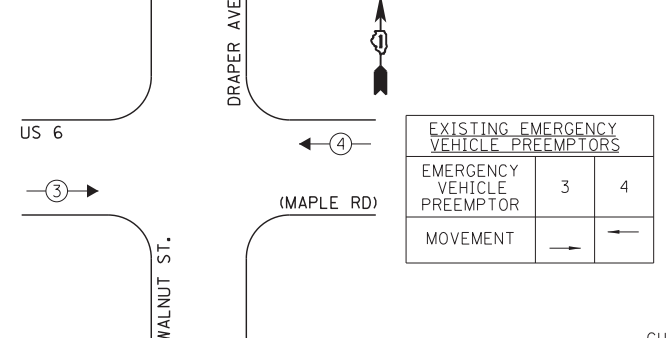
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 4 EACH TRAFFIC SIGNAL HEAD, 1-FACE, 3-SECTION
- 4 EACH TRAFFIC SIGNAL HEAD, 1-FACE, 4-SECTION
- 4 EACH TRAFFIC SIGNAL HEAD, 1-FACE, 5-SECTION
- 8 EACH TRAFFIC SIGNAL BACKPLATE

**EXISTING CONTROLLER SEQUENCE**



**EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE**



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

TYPE	NO. LAMPS	WATTAGE		OPERATION	TOTAL WATTAGE
		INCAND.	L.E.D.		
SIGNAL (RED)	12	135	17	0.50	102.0
SIGNAL (YELLOW)	12	135	25	0.25	75.0
SIGNAL (GREEN)	16	135	15	0.25	60.0
ARROW	8	135	12	0.10	9.6
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 =					371.6

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

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

FILE NAME = 60W21-086-US6Maple St@Walnut Ave.dgn	USER NAME = gwhitten	DESIGNED - JRD	REVISED -
60W21-086	PLOT SCALE = 1:20	DRAWN - GW3	REVISED -
	PLOT DATE = 3/28/2013	CHECKED - KLB	REVISED -
		DATE - 03-28-13	REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, & EMERGENCY VEHICLE PREEMPTION SEQUENCE**  
US 6 (MAPLE RD) AT WALNUT STREET / DRAPER AVENUE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2013-003-I	WILL	89	86
CONTRACT NO. 60W21				
ILLINOIS FED. AID PROJECT				