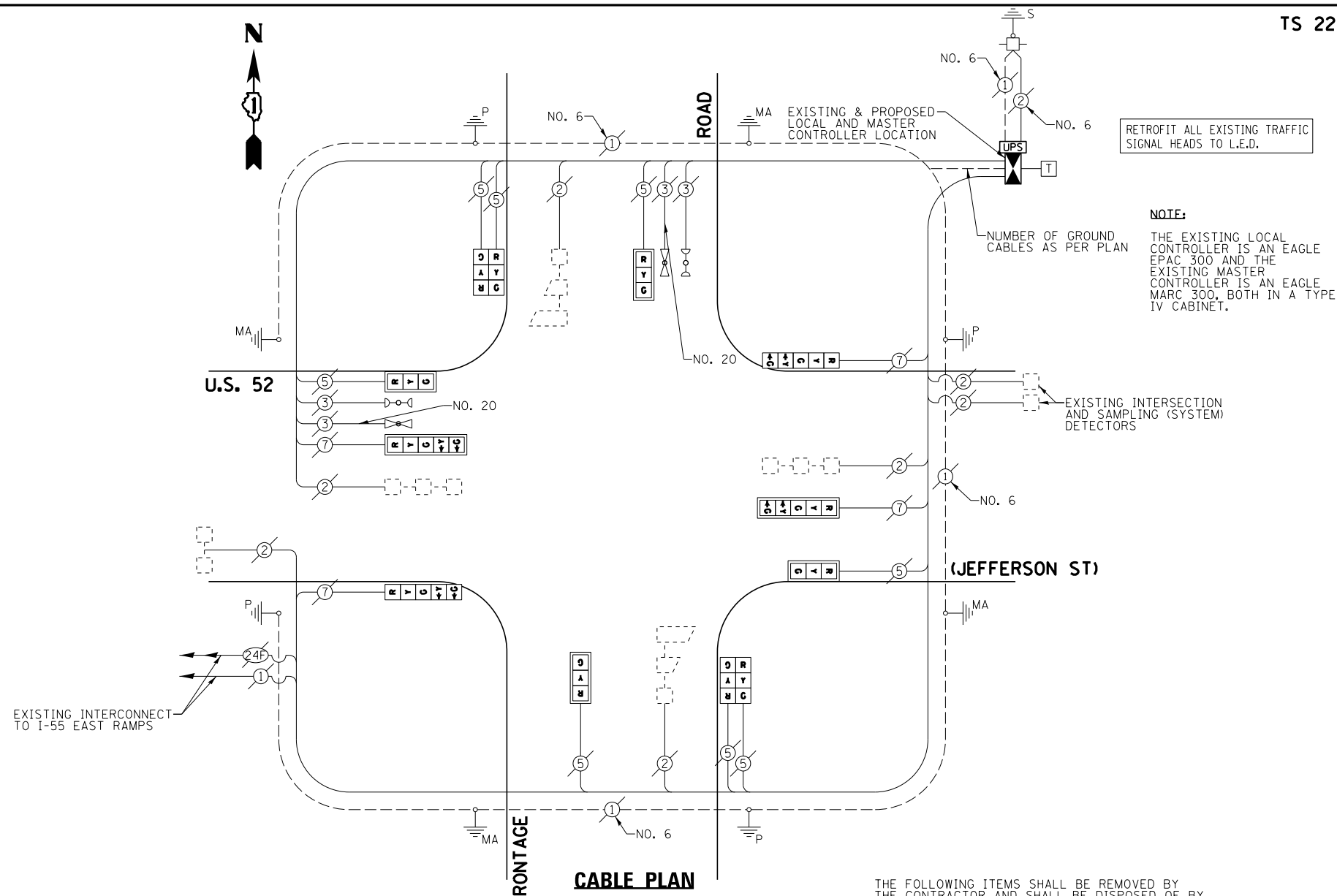


SCHEDULE OF QUANTITIES  
U.S. 52 (JEFFERSON ST) AT I-55 EAST FRONTAGE ROAD

NO.	QUANT.	UNIT	DESCRIPTION
1.	1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
2.	1	EACH	FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL
3.	1	EACH	TRANSCEIVER - FIBER OPTIC
4.	7	EACH	INDUCTIVE LOOP DETECTOR
5.	1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
6.	1	EACH	MASTER CONTROLLER (SPECIAL)
7.	1	EACH	UNINTERRUPTABLE POWER SUPPLY, SPECIAL
8.	2	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT
9.	4	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT
10.	2	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED, RETROFIT
11.	2	EACH	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT



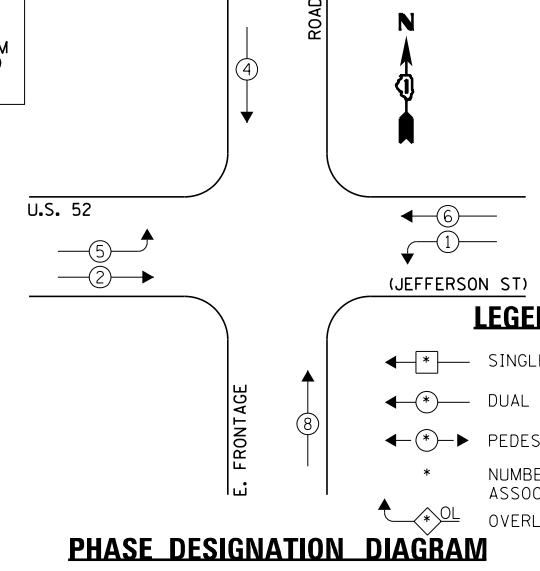
**NOTE:**  
THE EXISTING LOCAL CONTROLLER IS AN EAGLE EPAC 300 AND THE EXISTING MASTER CONTROLLER IS AN EAGLE MARC 300, BOTH IN A TYPE IV CABINET.

**CONSTRUCTION NOTE**  
RELOCATION OF THE EXISTING PHASING UNIT FOR THE EMERGENCY VEHICLE PRE-EMPTION SYSTEM IS INCLUDED IN THE COST OF THE FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL

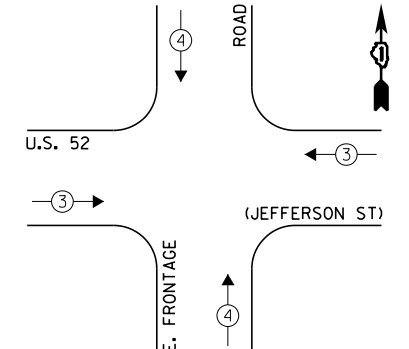
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 1 EACH MASTER CONTROLLER

**EXISTING AND PROPOSED CONTROLLER SEQUENCE**



**EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE**



EXISTING EMERGENCY VEHICLE PREEMPTORS	
EMERGENCY VEHICLE PREEMPTOR	3
MOVEMENT	4

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	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 =					356.6

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

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

FILE NAME =	USER NAME = blumbergpa	DESIGNED - JRD	REVISED - PB 11/08/2012
S:\WP\Design\PB\60V74 Mill County LED Installation\Final revisions CADD 11-5-12\60V74-2	DRAWN - ZCW	REVISIONS	
Default	PLOT SCALE = 40.000000' / in.	CHECKED - KLB	REVISIONS
	PLOT DATE = 11/8/2012	DATE - 10-12-12	REVISIONS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, & EMERGENCY VEHICLE PREEMPTION SEQUENCE  
U.S. 52 (JEFFERSON ST) AT I-55 EAST FRONTAGE ROAD

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIABLES	2012-067 I	WILL	39	21
CONTRACT NO. 60V74				