

SCHEDULE OF QUANTITIES  
U.S. 20 (LAKE ST) AT WOOD DALE ROAD / VILLA AVENUE

NO.	QUANT.	UNIT	DESCRIPTION
1.	1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
2.	2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
3.	2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
4.	2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
5.	10	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
6.	1	EACH	MODIFY EXISTING CONTROLLER CABINET
7.	1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
8.	1	EACH	UNINTERRUPTABLE POWER SUPPLY, SPECIAL
9.	2	EACH	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED, RETROFIT
10.	4	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT
11.	6	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED, RETROFIT
12.	2	EACH	SIGNAL HEAD, LED, 2 FACE, 5-SECTION, BRACKET MOUNTED, RETROFIT
13.	6	EACH	PEDESTRIAN PUSH-BUTTON, NON-LATCHING

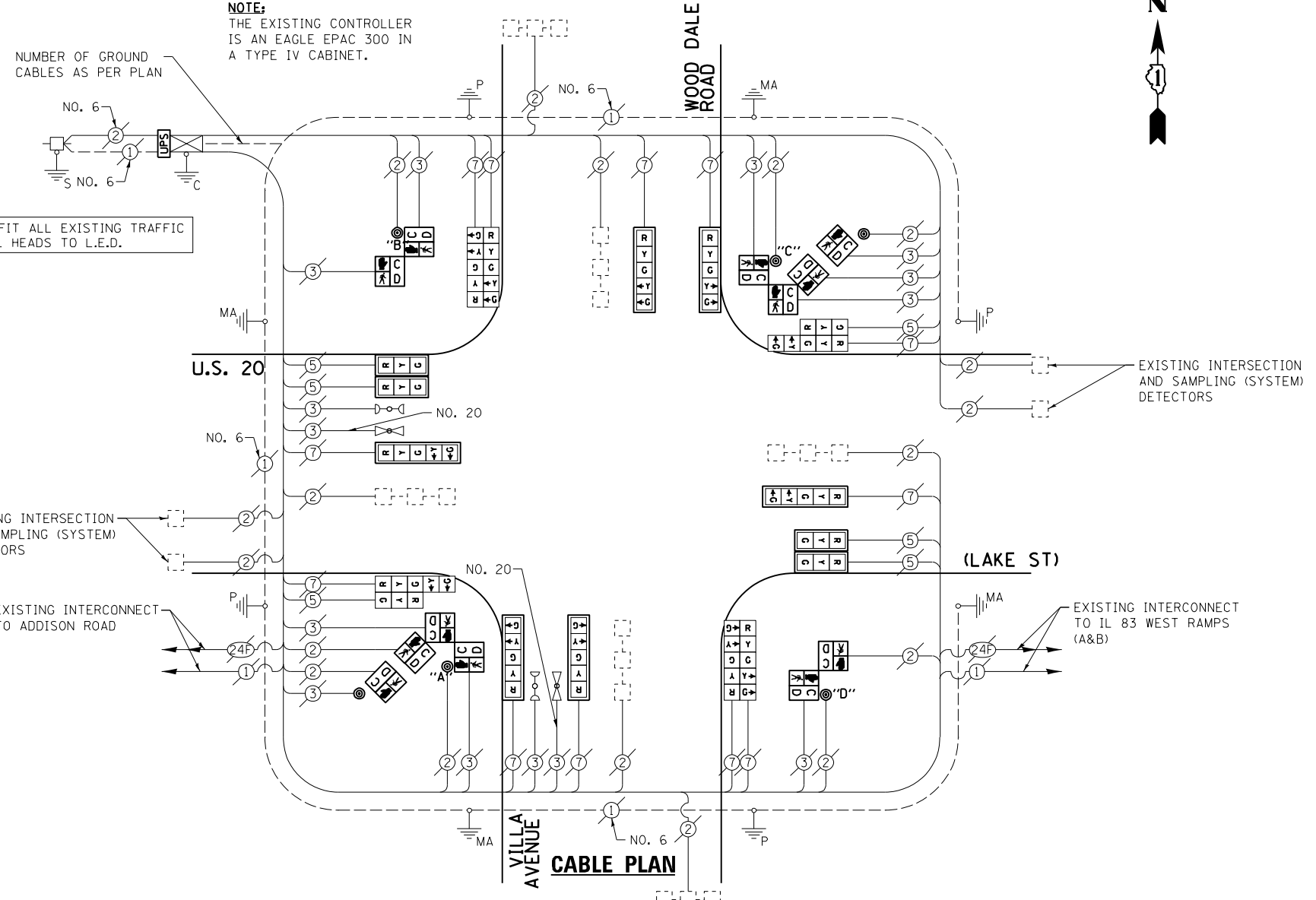
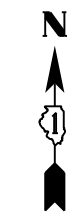
NOTE:  
THE EXISTING CONTROLLER IS AN EAGLE EPAC 300 IN A TYPE IV CABINET.

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

NUMBER OF GROUND CABLES AS PER PLAN

EXISTING INTERSECTION AND SAMPLING (SYSTEM) DETECTORS

EXISTING INTERCONNECT TO ADDISON ROAD

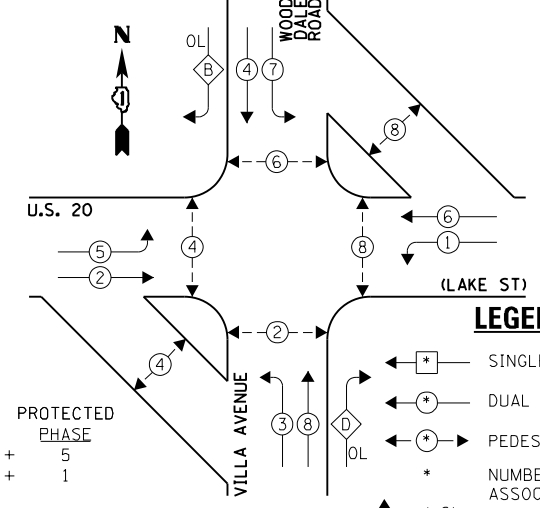


THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE, THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

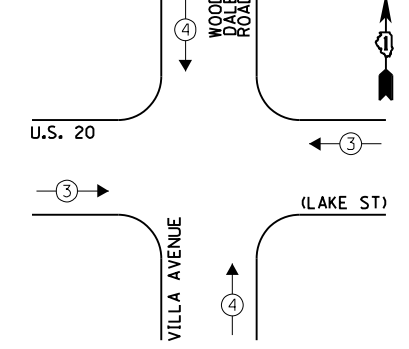
- 2 EACH PEDESTRIAN SIGNAL HEAD, 1-FACE
- 2 EACH PEDESTRIAN SIGNAL HEAD, 2-FACE
- 2 EACH PEDESTRIAN SIGNAL HEAD, 3-FACE
- 6 EACH PEDESTRIAN PUSH-BUTTON
- 10 EACH TRAFFIC SIGNAL BACKPLATE

NOTE:  
PUSH BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4.  
PUSH BUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6.  
PUSH BUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8.  
PUSH BUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 8.

EXISTING CONTROLLER SEQUENCE



EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



LEGEND:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
B	= 4	+ 5
D	= 8	+ 1

EXISTING 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)	18	135	17	0.50	153.0
SIGNAL (YELLOW)	18	135	25	0.25	112.5
SIGNAL (GREEN)	18	135	15	0.25	67.5
ARROW	24	135	12	0.10	28.8
PED. SIGNAL	12	90	25	1.00	300.0
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
ILLUMINATED SIGN	-	-	25	0.05	-
TOTAL =				786.8	

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
MOVEMENT	4

FILE NAME = 60V80-025-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  
U.S. 20 (LAKE ST) AT WOOD DALE ROAD / VILLA AVENUE

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A. RTE. VARIES	SECTION 2012-070 I	COUNTY DuPAGE	TOTAL SHEETS 103	SHEET NO. 25
CONTRACT NO. 60V80			ILLINOIS FED. AID PROJECT	

GHA #4085.887