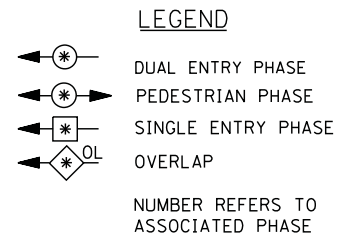
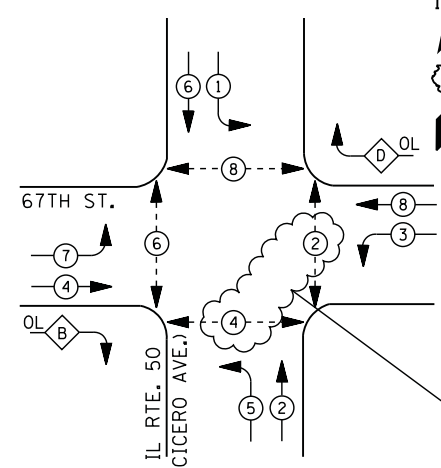




FILE NAME = M:\p\1481\2103 PTB 168-011 SINGH IDOT VAR-VAR\WD14-001 Central_Cook Co. LED\4_Design\CAD\Sheet_Files\2460_CAB_CDDC.dgn

CONTROLLER SEQUENCE

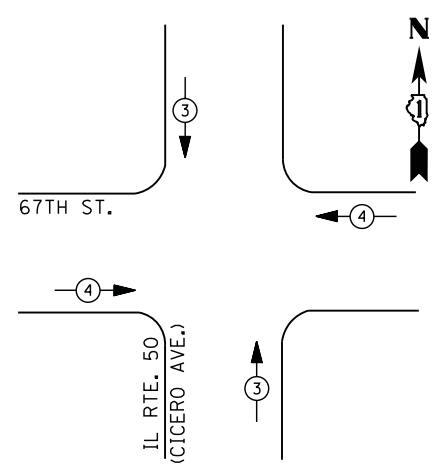


RIGHT TURN OVERLAP PHASE DESIGNATION

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

NOTES:
 PUSH BUTTON "A" SHALL PLACE A CALL IN PHASE 2
 PUSH BUTTON "B" SHALL PLACE A CALL IN PHASES 2 AND 8
 PUSH BUTTON "C" SHALL PLACE A CALL IN PHASES 4 AND 4
 PUSH BUTTON "D" SHALL PLACE A CALL IN PHASE 6
 PUSH BUTTON "E" SHALL PLACE A CALL IN PHASES 4 AND 6
 PUSH BUTTON "F" SHALL PLACE A CALL IN PHASES 6 AND 8

PHASE DESIGNATION DIAGRAM



EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↓	←

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

TYPE	NO. LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	16	135	17	0.50	136
(YELLOW)	16	135	25	0.25	100
(GREEN)	16	135	15	0.25	60
ARROW	24	135	12	0.10	29
PED. SIGNAL	12	90	25	1.00	300
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		252	25	0.05	
VIDEO SYSTEM		150	-	1.00	
FLASHER LED					
TOTAL =					725

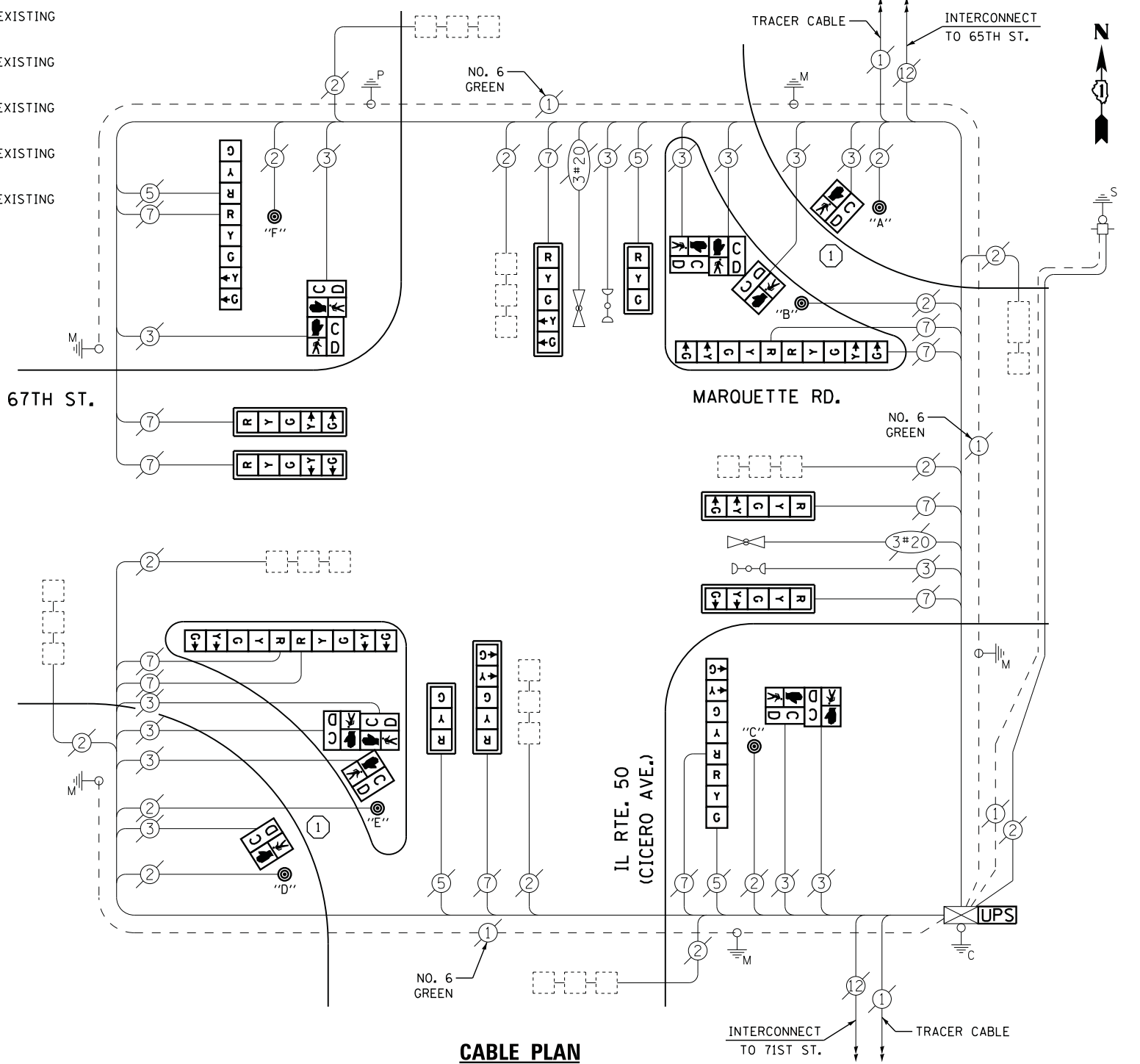
ENERGY COSTS- BILLED TO: IDOT DISTRICT 1
 201 WEST CENTER COURT
 SCHAMBURG, IL 60196-1096

ENERGY SUPPLY - CONTACT ILYAS MOHIUDDIN
 PHONE 708-235-2692
 COMMONWEALTH EDISON

- ① REPLACE 10 FT. PAINTED POST, TYPE A CONCRETE FOUNDATION. RE-USE EXISTING
- ② REPLACE 14 FT. PAINTED POST, TYPE A CONCRETE FOUNDATION. RE-USE EXISTING
- ③ REPLACE 15 FT. PAINTED POST, TYPE A CONCRETE FOUNDATION. RE-USE EXISTING
- ④ REPLACE 16 FT. PAINTED POST, TYPE A CONCRETE FOUNDATION. RE-USE EXISTING
- ⑤ REPLACE 18 FT. PAINTED POST, TYPE A CONCRETE FOUNDATION. RE-USE EXISTING

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.
2	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
6	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
2	EACH	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED
2	EACH	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
8	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
1	EACH	MODIFY EXISTING CONTROLLER CABINET
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	REMOVE AND REPLACE ANCHOR BOLTS
1	EACH	UNINTERRUPTABLE POWER SUPPLY, SPECIAL
6	EACH	PEDESTRIAN PUSH-BUTTON, NON-LATCHING



CABLE PLAN

REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

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	SIGNAL HEAD, 3 - SECTION
6	EACH	SIGNAL HEAD, 5 - SECTION
2	EACH	SIGNAL HEAD, 2 - FACE, 1-3 SECTION, 1-5 SECTION
2	EACH	SIGNAL HEAD, 2 - FACE, 5 SECTION
8	EACH	TRAFFIC SIGNAL BACKPLATE
12	EACH	PEDESTRIAN SIGNAL HEAD
6	EACH	PEDESTRIAN PUSH-BUTTON
2	EACH	SIGNAL POST

USER NAME = .USERNAME.	DESIGNED - DW	REVISED - 06/13/2014
PLOT SCALE = 20.000' / in.	DRAWN - CC	REVISED -
PLOT DATE = 6/18/2014	CHECKED - KMM	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 50 (CICERO AVENUE) AT 67TH STREET (MARQUETTE ROAD)
 SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM
 AND EMERGENCY VEHICLE PREEMPTION SEQUENCE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2014-019TS	COOK	90	19
CONTRACT NO. 60Y05				
ILLINOIS				

TS #2460
 BEDFORD PARK

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.