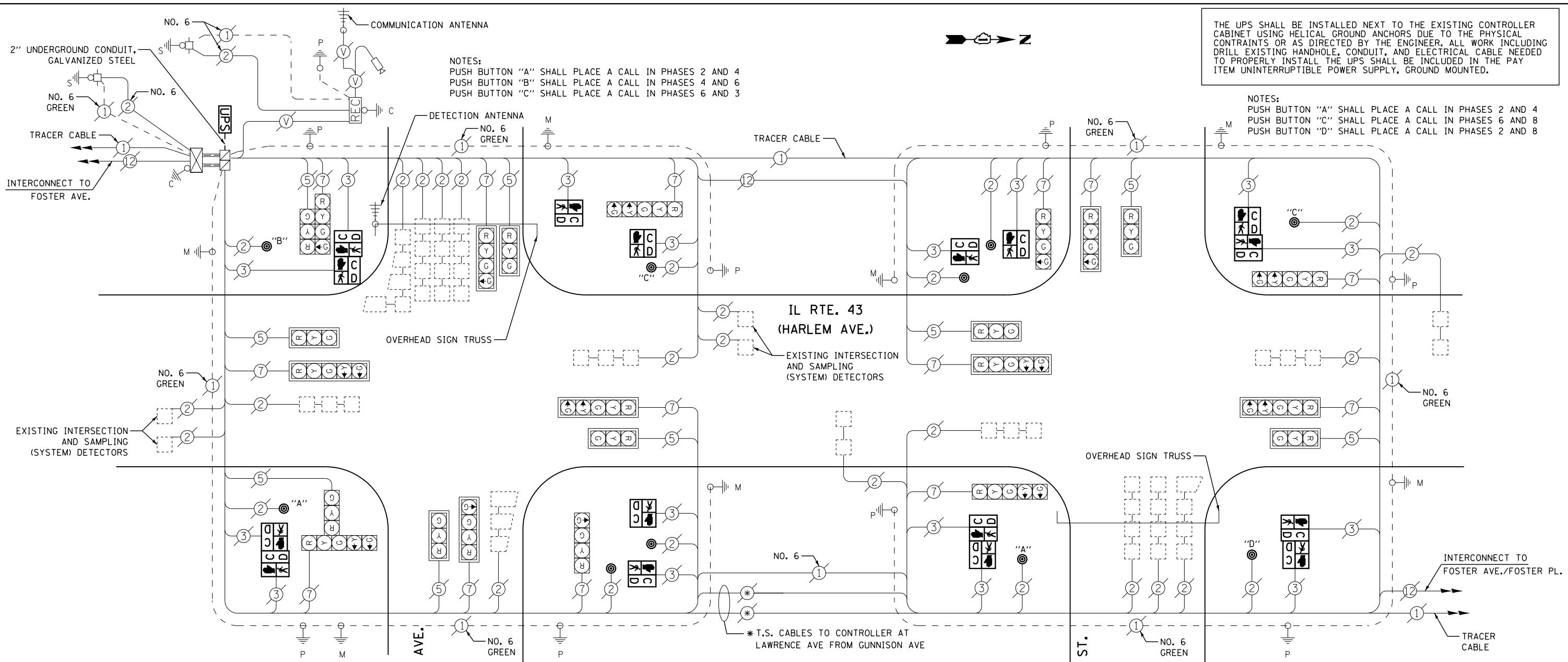




FILE NAME = M:\p\1481\2103 PTB 168-011 SINGH IDOT VAR-VAR\WD14-001 Central Cook Co. LED\4\Design\CAD\Sheet Files\2325_CAB_CDOK.dgn



THE UPS SHALL BE INSTALLED NEXT TO THE EXISTING CONTROLLER CABINET USING HELICAL GROUND ANCHORS DUE TO THE PHYSICAL CONSTRAINTS OR AS DIRECTED BY THE ENGINEER. ALL WORK INCLUDING DRILL EXISTING HANDHOLE, CONDUIT, AND ELECTRICAL CABLE NEEDED TO PROPERLY INSTALL THE UPS SHALL BE INCLUDED IN THE PAY ITEM UNINTERRUPTIBLE POWER SUPPLY, GROUND MOUNTED.

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

NOTES:
 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 3

CABLE PLAN

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
6	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
5	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
1	EACH	MODIFY EXISTING CONTROLLER CABINET
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, GROUND MOUNT
10	EACH	PEDESTRIAN PUSH-BUTTON, NON-LATCHING

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

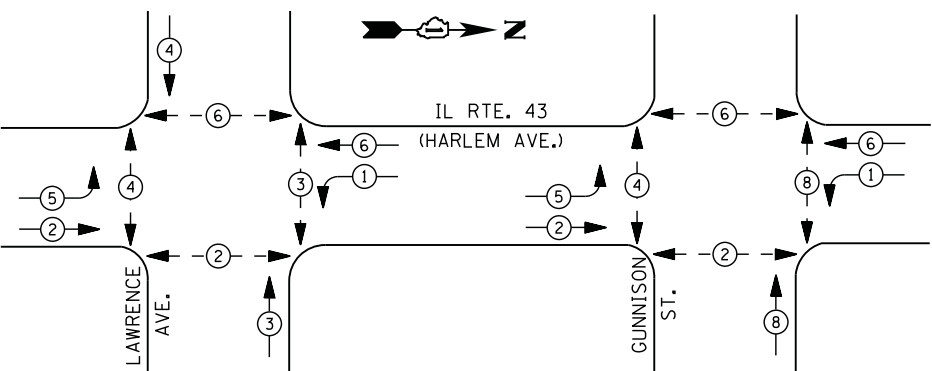
TYPE	NO. LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	23	135	17	0.50	196
(YELLOW)	23	135	25	0.25	144
(GREEN)	29	135	15	0.25	109
ARROW	16	135	12	0.10	20
PED. SIGNAL	16	90	25	1.00	400
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		252	25	0.05	
VIDEO SYSTEM		150	-	1.00	
FLASHER LED					
TOTAL =					969

ENERGY COSTS-
 ENERGY SUPPLY -

BILLED TO: IDOT DISTRICT 1
 201 WEST CENTER COURT
 SCHAUMBURG, IL 60196-1096

CONTACT JOE STACHO
 PHONE 630-424-5704
 COMMONWEALTH EDISON

CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

LEGEND

- DUAL ENTRY PHASE
- PEDESTRIAN PHASE
- SINGLE ENTRY PHASE
- OVERLAP
- NUMBER REFERS TO ASSOCIATED PHASE

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.

16	EACH	PEDESTRIAN SIGNAL HEAD
10	EACH	PEDESTRIAN PUSH-BUTTON

USER NAME = .USERNAME.	DESIGNED - DW	REVISED -
	DRAWN - CC	REVISED -
PLOT SCALE = 20.000' / in.	CHECKED - KMM	REVISED -
PLOT DATE = 5/13/2014	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 43 (HARLEM AVENUE) AT LAWRENCE AVENUE /GUNNISON STREET
 SCHEDULE OF QUANTITIES, CABLE PLAN, AND PHASE DESIGNATION DIAGRAM

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2014-019TS	COOK	90	49
CONTRACT NO. 60Y05				
ILLINOIS				

TS #2325
 HARWOOD HEIGHTS