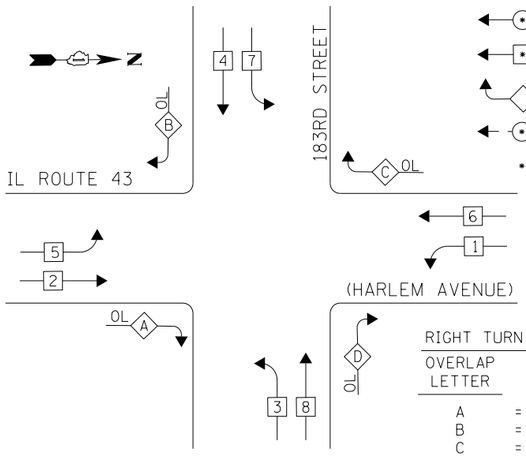
EXISTING CONTROLLER SEQUENCE



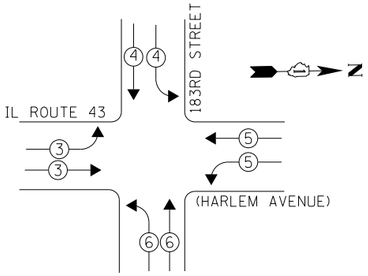
LEGEND

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

RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
A	=	2	+	3
B	=	4	+	5
C	=	6	+	7
D	=	8	+	1

PHASE DESIGNATION DIAGRAM



EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE

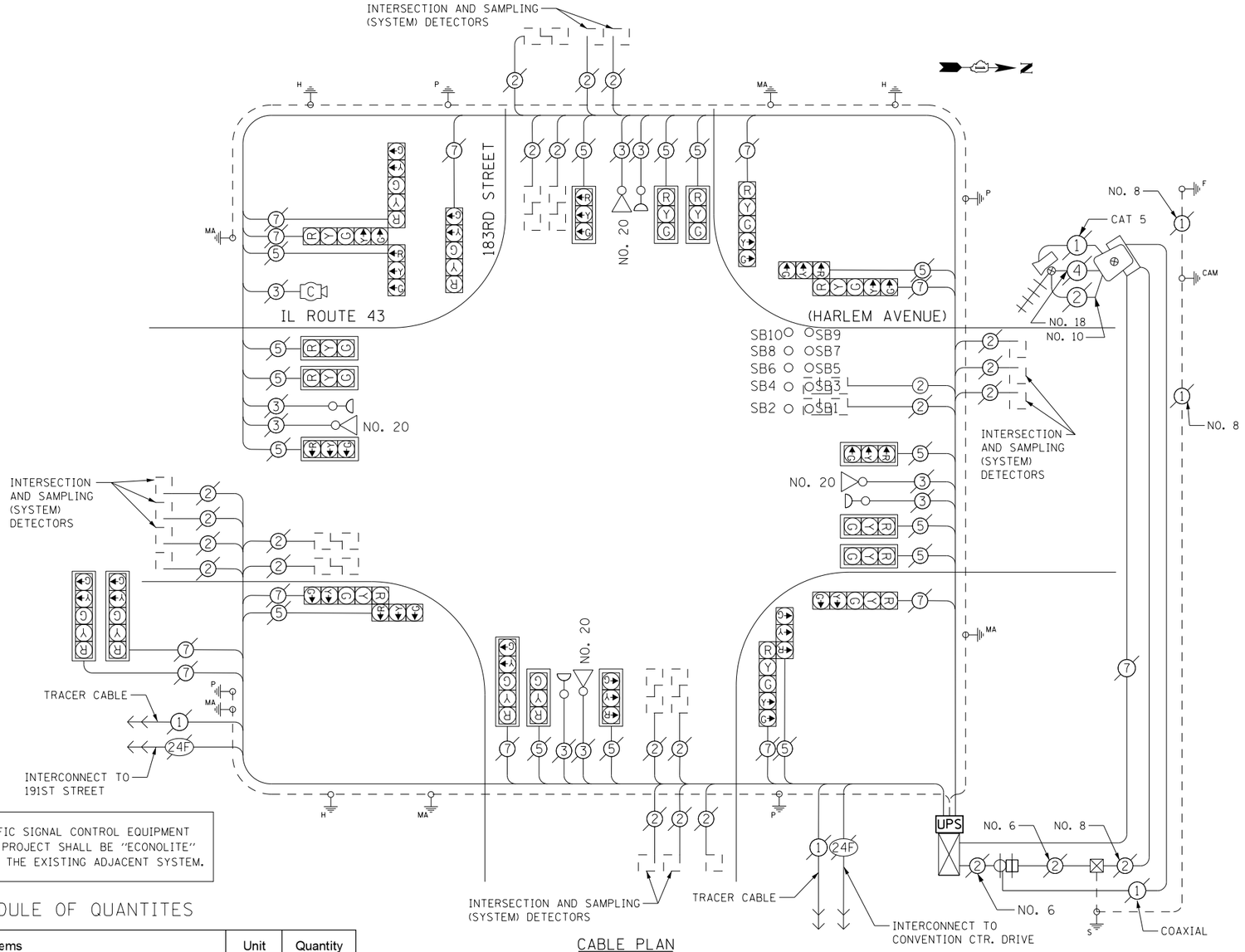
EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT				

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

TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	%OPERATION	TOTAL WATTAGE
SIGNAL (RED)	26	-	17	0.50	221.0
(YELLOW)	18	-	25	0.25	112.5
(GREEN)	18	-	15	0.25	67.5
ARROW	38	-	12	0.10	45.6
PED. SIGNAL	-	-	25	1.00	-
CONTROLLER	1	100	-	1.00	100.0
ILLUM. SIGN	-	-	84	0.05	-
VIDEO SYSTEM	1	150	-	1.00	150.0
BATTERY BACKUP	1	25	-	1.00	25.0
LUMINAIRE	-	-	-	-	-
FLASHER	-	-	25	0.50	-
				TOTAL =	571.6

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

ENERGY SUPPLY- CONTACT BRAD SHINABARGAR
PHONE 708-325-2692
COMMONWEALTH EDISON



CABLE PLAN

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

SCHEDULE OF QUANTITES

Items	Unit	Quantity
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1

RLRC LEGEND

- ○ # (FMS) FLUSH MOUNTED SENSOR # INDICATES SENSOR NUMBER
- ⊠ RLRC SERVICE INSTALLATION WITH DISCONNECT
- FMS AP ANTENNA BOX
- FLASH
- CAMERA ENCLOSURE WITH POLE MOUNTED CABINET

TS 2255
TINLEY PARK

FILE NAME = D160X65-sht-TS2255.dgn	USER NAME = SE3	DESIGNED - PHL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN - PHL	REVISED -	
Default	PLOT SCALE = 40.0000 ' / in.	CHECKED - BKS	REVISED -	
	PLOT DATE = 2/4/2014	DATE - $SUBDATE	REVISED -	

IL ROUTE 43 (HARLEM AVENUE) AT 183RD STREET – CABLE PLAN
SCHEDULE OF QUANTITIES, PHASE DESIG. DIAGRAM & EVP SEQUENCE

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2013-076TS	COOK	65	55
		CONTRACT NO. 60X65		
	ILLINOIS FED. AID PROJECT			