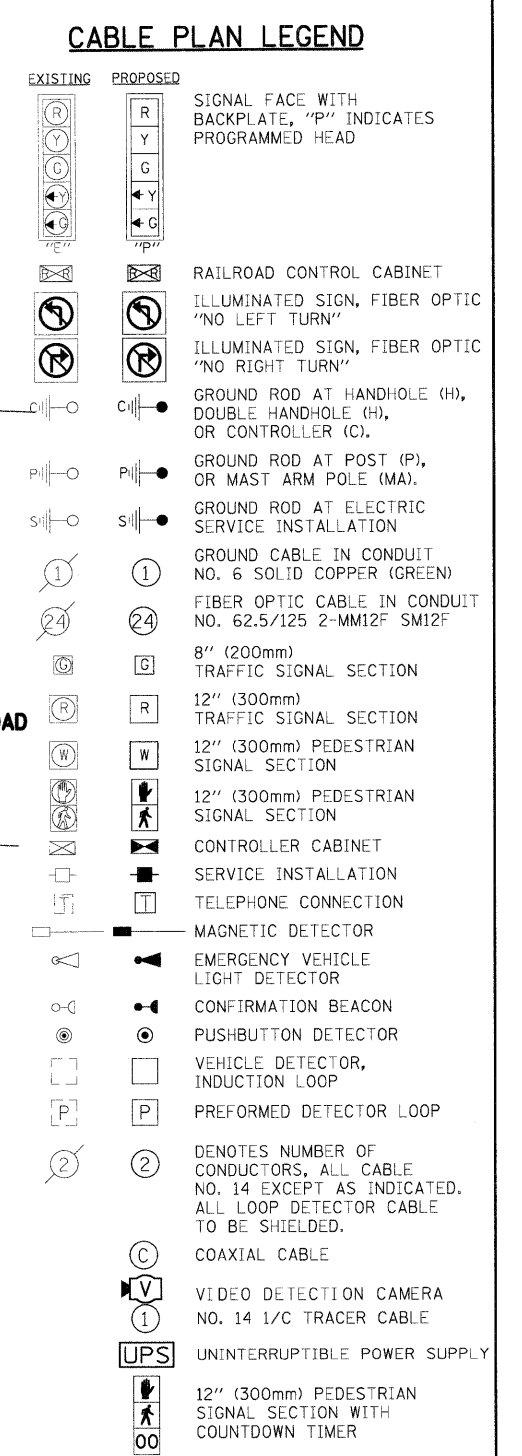
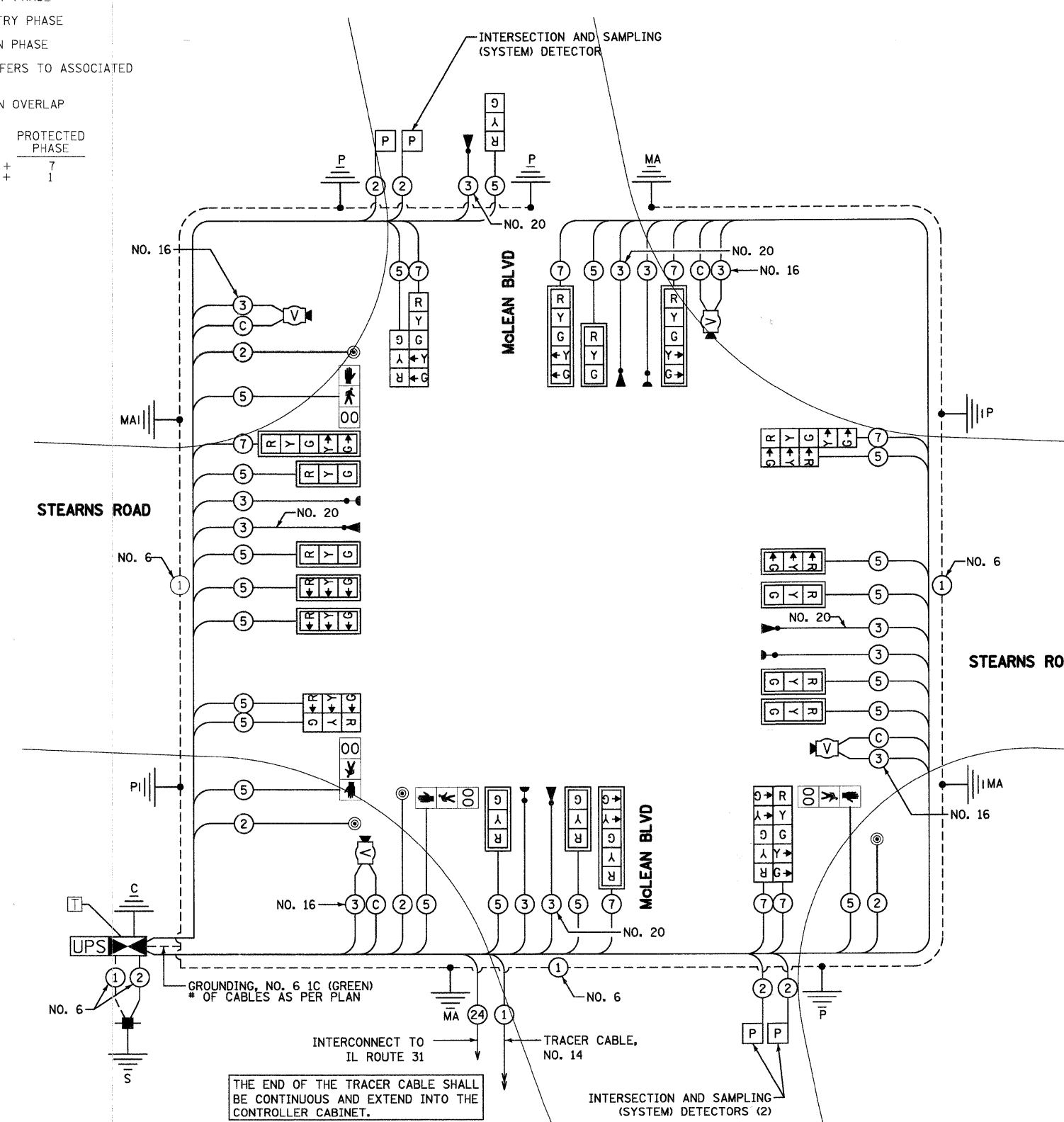


PROPOSED EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTORS	3	4	5
MOVEMENT			



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE INCANDESCENT	LED	% OPERATION	
SIGNAL (RED)	24	135	17	0.50	204.0
(YELLOW)	24	135	25	0.25	150.0
(GREEN)	24	135	15	0.25	90.0
ARROW	16	135	12	0.10	19.2
PED. SIGNAL	4	90	25	1.00	100.0
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN	0	84	35	0.05	0.0
VIDEO SYSTEM	1		150	1.00	150.0
UPS	1		25	1.00	25.0
FLASHER	0		25	0.50	0.0
ENERGY COST TO:				TOTAL =	838.2

FOUNDATION (DEPTH)	FT (m)	CABLE SLACK	FT (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
C - CONT. & UPS	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'+L-2= (6m+L-0.6m=)
D - CONTROLLER	4 (1.2)	SIGNAL POST	2 (0.6)	BRACKET MOUNTED	13 (4.0)
E - M. ARM POLE		CONTROLLER CAB.	1 (0.3)	PED. PUSHBUTTON	4 (1.2)
24" (600MM)	10 (3.0)	FIBER OPTIC	13 (4.0)	ELECTRIC SERVICE	13.5 (4.1)
30" (750MM)	15 (4.6)	ELECTRIC SERVICE	1 (0.3)	SERVICE TO GROUND	13.5 (4.1)
36" (900MM)	15 (4.6)	GROUND CABLE	1 (0.3)	POST MOUNTED	6 (1.8)
42" (1060MM)	25 (7.6)				

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAY/DISTRICT 1  
 201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096  
 ENERGY SUPPLY: CONTACT: MARTY RUBIN  
 PHONE: 847-608-2400  
 COMPANY: COMMONWEALTH EDISON

FILE NAME = I:\Dgn\Civil\Sheet\td07.dgn	USER NAME = sthornton	DESIGNED - MJT	REVISED -
		DRAWN - MJT	REVISED -
		CHECKED - TMT	REVISED -
		DATE - 3/27/09	REVISED -

**KANE COUNTY**  
**DIVISION OF TRANSPORTATION**

**NEW STEARNS ROAD - STAGE 2**  
**TRAFFIC SIGNAL CABLE PLAN - STEARNS RDMCLEAN BLVD**

F.A.P. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 73
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63073	