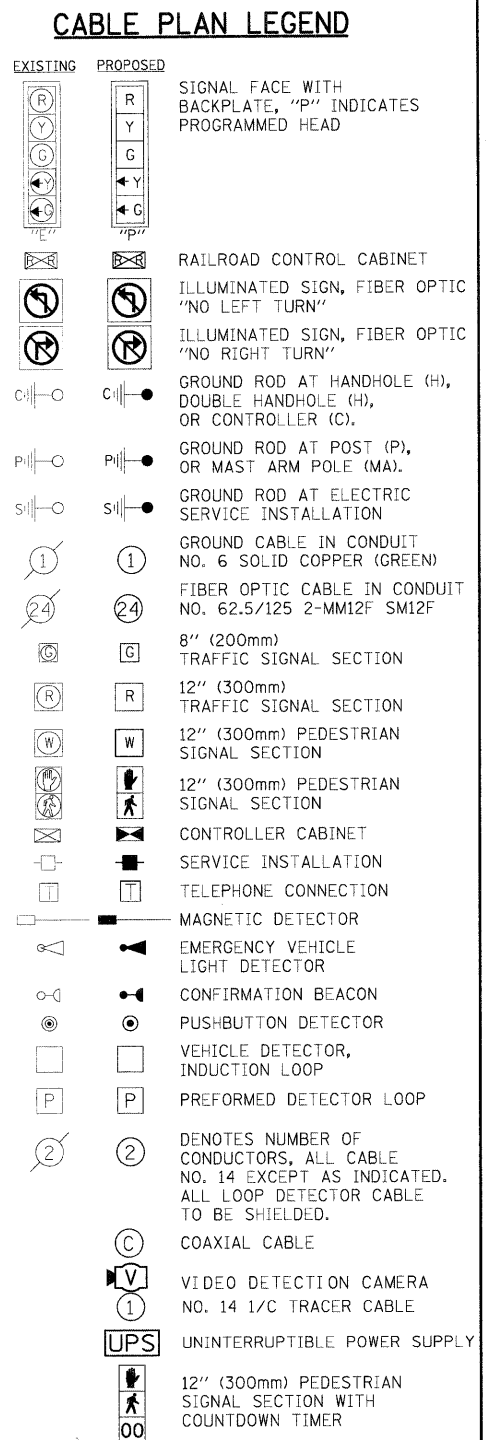
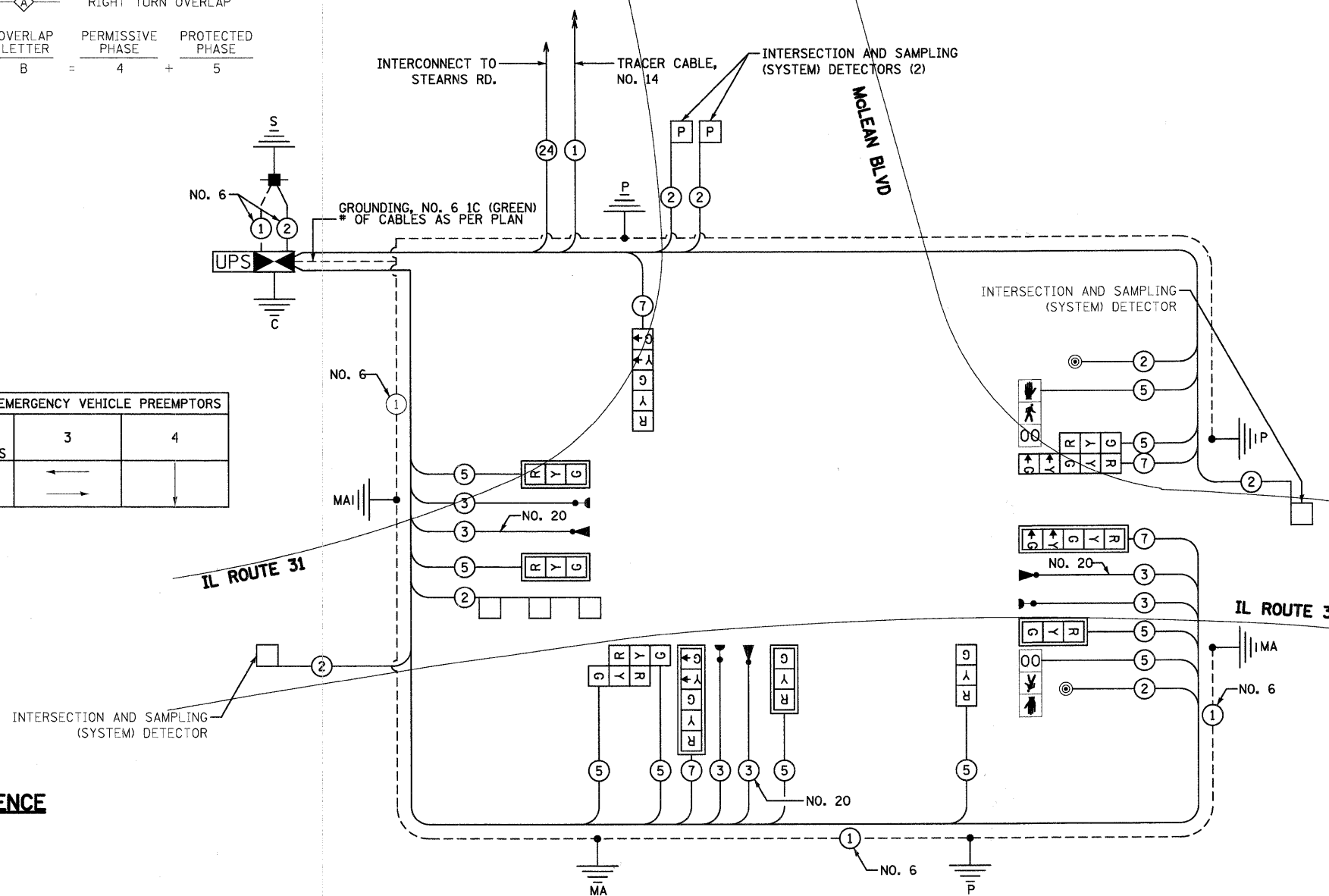
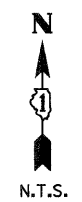


EMERGENCY VEHICLE PREEMPTORS	3	4
MOVEMENT	←	↓

THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.



CABLE PLAN



TYPE	NO. OF LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	12	135	17	0.50	102.0
(YELLOW)	12	135	25	0.25	75.0
(GREEN)	12	135	15	0.25	45.0
ARROW	8	135	12	0.10	9.6
PED. SIGNAL	2	90	25	1.00	50.0
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN	0	84	35	0.05	0.0
UPS	1		25	1.00	25.0
FLASHER	0		25	0.50	0.0
ENERGY COST TO:				TOTAL =	406.6

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	1 (0.3)	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\td811.dgn	USER NAME = tthornton	DESIGNED - MJT	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 TRAFFIC SIGNAL CABLE PLAN - IL ROUTE 31/MCLEAN BLVD	F.A.P. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 77		
PLOT SCALE = 1:20	PLOT DATE = 3/29/2009	DRAWN - MJT	REVISED -			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	CONTRACT NO. 63073			
CHECKED - TMT	DATE - 3/27/09	REVISOR -	REVISOR -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						