



CABLE PLAN LEGEND

- | PROPOSED | EXISTING | |
|----------|----------|---|
| | | 8" (200mm) TRAFFIC SIGNAL SECTION |
| | | 12" (300mm) TRAFFIC SIGNAL SECTION |
| | | 12" (300mm) PEDESTRIAN SIGNAL SECTION |
| | | 12" (300mm) PEDESTRIAN SIGNAL SECTION |
| | | CONTROLLER CABINET |
| | | SERVICE INSTALLATION |
| | | TELEPHONE CONNECTION |
| | | MAGNETIC DETECTOR |
| | | PUSHBUTTON DETECTOR |
| | | VEHICLE DETECTOR, INDUCTION LOOP |
| | | DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED. |
| | | SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD |
| | | RAILROAD CONTROL CABINET |
| | | ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN" |
| | | ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN" |
| | | GROUND ROD AT HANDHOLE, DOUBLE HANDHOLE, OR CONTROLLER |
| | | GROUND ROD AT POST OR MAST ARM POLE |
| | | GROUND ROD AT ELECTRIC SERVICE INSTALLATION |
| | | GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN) |
| | | FIBER OPTIC CABLE IN CONDUIT NO.62.5/125 2-MM12F & SM12F |
| | | MICROWAVE VEHICLE SENSOR |
| | | VIDEO DETECTOR |
| | | CLOSED CIRCUIT TV |
| | | EMERGENCY VEHICLE LIGHT DETECTOR |
| | | CONFIRMATION BEACON |
| | | UNINTERRUPTIBLE POWER SUPPLY |

CABLE PLAN

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		% OPERATION	
		INCAND.	LED		
SIGNAL (RED)	16	135		0.50	1080.00
(YELLOW)	16	135		0.25	540.00
(GREEN)	16	135		0.25	540.00
ARROW	16	135		0.10	216.00
PED. SIGNAL	4	90		1.00	360.00
CONTROLLER	1	100		1.00	100.00
ILLUM. SIGN	4	84		0.05	16.80
FLASHER					
ENERGY COSTS TO:					TOTAL= 2852.80
VILLAGE OF BURNHAM					
14450 S. MANISTEE AVENUE					
CHICAGO, IL 60633					
ENERGY SUPPLY CONTACT:	ANTHONY ESCALANTE				
PHONE:	(708) 235-2328				
COMPANY:	COMMONWEALTH EDISON				

FILE NAME =	USER NAME = \$USER\$	DESIGNED - NB/TCM	REVISED -
P:\P-08-1600-4\Design\4.IDOT Partial Contract\5.Brainard at Burnham\Sht\SH7013.dgn		DRAWN - NB/TCM	REVISED -
	PLOT SCALE = 1/8000" / IN.	CHECKED - NB/TCM	REVISED -
	PLOT DATE = 1/27/2009	DATE - 01/23/2009	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING CABLE PLAN
BRAINARD AVENUE AT BURHAM AVENUE

SCALE: NTS SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2009-009 TS	COOK	24	13
CONTRACT NO. 60G07			ILLINOIS FED. AID PROJECT	