



TEMPORARY SEQUENCE OF OPERATIONS

MOVEMENT	=		=		L		F	L	A	S				
	1	2	3A	3B	4	5A					5B	6A	6B	7
PHASE	1+6		2+6		3									
INTERVAL	1	2	3A	3B	4	5A	5B	6A	6B	7	8A	8B	9A	9B
CHANGE TO	2+6		3		1+6		3		1+6		2+6			
ILL.68 E/B TEMPORARY THRU SIGNALS AT ILL.53 E/RAMPS	I	I	Y	R	I	I	I	Y	R	R	R	R	R	R
ILL.68 E/B LEFT TURN SIGNALS AT ILL.53 E/RAMPS	-	G	Y	R	R	R	R	R	R	R	R	R	R	R
ILL.68 W/B NEAR & FAR SIGNALS AT ILL.53 E/RAMPS	R	R	R	R	G	Y	R	G	G	Y	R	G	G	R
ILL.68 W/B THRU SIGNALS AT ILL.53 E/RAMPS	R	R	R	R	I	G	Y	R	R	R	R	R	R	R
ILL.53 N/B RIGHT TURN SIGNALS AT ILL.68	R	R	R	R	R	R	R	R	R	G	Y	R	Y	R
ILL.53 N/B LEFT TURN SIGNALS AT ILL.68	R	R	R	R	R	R	R	R	R	-	G	Y	R	Y

TEMPORARY CABLE DIAGRAM LEGEND

	PROPOSED	EXISTING
TEMPORARY CONTROLLER CABINET		
TEMPORARY SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT		
TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION, 12" (300 mm)		
12" (300 MM) PEDESTRIAN SIGNAL SECTION		
ELECTRIC CABLE IN CONDUIT, NO. 14, UNLESS OTHERWISE NOTED. NUMBER OF CONDUCTORS AS NOTED		
PEDESTRIAN PUSHBUTTON DETECTOR		
VEHICLE DETECTOR, INDUCTION LOOP		
MICROWAVE VEHICLE SENSOR		
VIDEO DETECTOR		
CLOSED CIRCUIT TV		
EMERGENCY VEHICLE SYSTEM DETECTOR		
CONFIRMATION BEACON		

TEMPORARY CABLE PLAN
NOT TO SCALE

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	%OPERATION	
SIGNAL (RED)	13	135	17	0.50	877.50
(YELLOW)	13	135	25	0.25	438.75
(GREEN)	13	135	15	0.25	438.75
ARROW	4	135	12	0.10	54.00
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100.00
ILLUM. SIGN		84		0.05	
FLASHER				0.50	
ENERGY COSTS TO: TOTAL =					1909.00

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096
ENERGY SUPPLY CONTACT:
PHONE:
COMPANY: COMMONWEALTH EDISON

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)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'+L-2'=(6m+L-0.6m)
E - M. ARM POLE		SIGNAL POST	2 (1.0)	BRACKET MOUNTED	13 (4.0)
24" (600mm)	10 (3.0)	CONTROLLER CAB.	1 (0.5)	PED. PUSHBUTTON	4 (1.2)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	ELECTRIC SERVICE	13.5 (4.1)
		ELECTRIC SERVICE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
		GROUND CABLE	1 (0.5)	POST MOUNTED	6 (1.8)

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION PARTIAL TEMPORARY CABLE PLAN, SEQUENCE OF OPERATIONS IL.53 (EAST RAMP) AT IL.68 (DUNDEE RD.)
NAME	DATE	
		SCALE: NONE
		DATE 1/25/2006
		DRAWN BY: SN
		DESIGNED BY: SN
		CHECKED BY: DAD

PLOT DATE = 1/25/2006
FILE NAME = c:\projects\dlb906\ref_ee.dgn
PLOT SCALE = 20.0000" / 1"
USER NAME = nguyen