



TEMPORARY CABLE PLAN  
NOT TO SCALE

TEMPORARY SEQUENCE OF OPERATION

MOVEMENT	1		2				3			4				F L A S H		
	1	2A	2B	3	4A	4B	4C	4D	5	6A	6B	7	8A		8B	8C
PHASE	1		2				3			4						
INTERVAL	1		2				3			4				1		
CHANGE TO	2		3				4			1						
ILLINOIS ROUTE 83 (ELMHURST ROAD) NEAR AND FAR RIGHT SIGNALS AT EB FRONTAGE ROAD	N/B	↑G ↓G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R
ILLINOIS ROUTE 83 (ELMHURST ROAD) FAR LEFT SIGNAL AT EB FRONTAGE ROAD	N/B	↑G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R
ILLINOIS ROUTE 83 (ELMHURST ROAD) FAR SIDE SIGNALS AT WB FRONTAGE ROAD	N/B	↑G ↓G	↑G ↓G	↑G ↓G	↑G ↓G	↑G ↓G	↑G ↓G	Y	R	R	R	R	R	R	R	R
ILLINOIS ROUTE 83 (ELMHURST ROAD) NEAR AND FAR RIGHT SIGNALS AT WB FRONTAGE ROAD	S/B	R	R	R	R	R	R	R	R	↑G ↓G	Y	R	R	R	R	R
ILLINOIS ROUTE 83 (ELMHURST ROAD) FAR LEFT SIGNAL AT WB FRONTAGE ROAD	S/B	R	R	R	R	R	R	R	R	↑G	Y	R	R	R	R	R
ILLINOIS ROUTE 83 (ELMHURST ROAD) FAR SIDE SIGNALS AT EB FRONTAGE ROAD	S/B	R	R	R	R	R	R	R	R	↑G ↓G	↑G ↓G	↑G ↓G	↑G ↓G	↑G ↓G	Y	R
EASTBOUND FRONTAGE ROAD NEAR SIDE SIGNAL	E/B	R	R	R	G	Y	R	R	R	R	R	R	R	R	R	R
EASTBOUND FRONTAGE ROAD FAR SIDE SIGNALS	E/B	R	R	R	G ←G	Y	R	R	R	R	R	R	R	R	R	R
WESTBOUND FRONTAGE ROAD NEAR SIDE SIGNAL	W/B	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	R
WESTBOUND FRONTAGE ROAD FAR SIDE SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R	G ←G	Y	R

TEMPORARY CABLE DIAGRAM LEGEND

- TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- TEMPORARY CONTROLLER CABINET
- TEMPORARY SERVICE INSTALLATION
- INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- PEDESTRIAN PUSHBUTTON DETECTOR
- 12" (300mm) PEDESTRIAN SIGNAL SECTION
- MICROWAVE VEHICLE SENSOR

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		%OPERATION	
SIGNAL (RED)	16	135	17	0.50	1080.0
(YELLOW)	16	135	25	0.25	540.0
(GREEN)	28	135	15	0.25	945.0
ARROW	-	135	12	0.10	-
PED. SIGNAL	-	90	25	1.00	-
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN	-	-	-	0.05	-
FLASHER	-	-	-	0.50	-
ENERGY COSTS TO:				TOTAL =	2665.0

ILLINOIS DEPARTMENT OF TRANSPORTATION  
201 WEST CENTER COURT  
SCHALMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY CONTACT: JOAN COOK  
PHONE: (847) 816-5461  
COMPANY: Com. Edison

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
PALATINE ROAD: ILL. 83 (Elmhurst Rd.) TO  
WISCONSIN CENTRAL RR  
TEMPORARY CABLE PLAN AND  
TEMPORARY SEQUENCE OF OPERATION  
ILLINOIS ROUTE 83 (ELMHURST ROAD) AT  
EAST AND WESTBOUND FRONTAGE ROADS  
TO AND FROM PALATINE ROAD

SCALE: N.T.S.  
DATE: 11/18/2004

DRAWN BY: BB,ME,KP  
DESIGNED BY: PKG/RRM  
CHECKED BY: PKG/RRM

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