

CONTRACT NO. 62878

TEMPORARY SEQUENCE OF OPERATION FOR CONSTRUCTION STAGES 1B, 2A, & 2B

MOVEMENT		6	2	4	8				
PHASE		2+6				4+8			
INTERVAL		1	2A	2B	2C	2D	3	4A	4B
CHANGE TO		4+8				2+6			
ILLINOIS ROUTE 83 (ELMHURST ROAD) NEAR SIDE AND FAR SIDE SIGNALS AT EB FRONTAGE ROAD	N/B	↑	Y	R	R	R	R	R	R
ILLINOIS ROUTE 83 (ELMHURST ROAD) FAR SIDE SIGNALS AT WB FRONTAGE ROAD	N/B	↑	↑	↑	Y	R	R	R	R
ILLINOIS ROUTE 83 (ELMHURST ROAD) NEAR SIDE AND FAR SIDE SIGNALS AT WB FRONTAGE ROAD	S/B	↑	Y	R	R	R	R	R	R
ILLINOIS ROUTE 83 (ELMHURST ROAD) FAR SIDE SIGNALS AT EB FRONTAGE ROAD	S/B	↑	↑	↑	Y	R	R	R	R
EASTBOUND FRONTAGE ROAD NEAR SIDE AND FAR SIDE SIGNALS	E/B	R	R	R	R	R	G	Y	R
WESTBOUND FRONTAGE ROAD NEAR SIDE AND FAR SIDE SIGNALS	W/B	R	R	R	R	R	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
- ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN"

TEMPORARY SEQUENCE OF OPERATION FOR CONSTRUCTION STAGE 3

MOVEMENT		1	2	3	4												
PHASE		1		2		3		4									
INTERVAL		1	2A	2B	3	4A	4B	4C	4D	5	6A	6B	7	8A	8B	8C	8D
CHANGE TO		2		3		4		1									
ILLINOIS ROUTE 83 (ELMHURST ROAD) NEAR AND FAR RIGHT SIGNALS AT EB FRONTAGE ROAD	N/B	↑	Y	R	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	↑	Y	R	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	↑	↑	↑	↑	↑	↑	Y	R	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	↑	Y	R	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	↑	Y	R	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	↑	↑	↑	↑	↑	↑	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	R
EASTBOUND FRONTAGE ROAD FAR SIDE SIGNALS	E/B	R	R	R	G	Y	R	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	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	Y	R	R

TEMPORARY CABLE PLAN FOR CONSTRUCTION STAGES 1B, 2A, & 2B

NOT TO SCALE

TEMPORARY CABLE PLAN FOR CONSTRUCTION STAGE 3

NOT TO SCALE

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		OPERATION	
		INCAND.	LED		
SIGNAL (RED)	16	135	17	0.50	1080.0
SIGNAL (YELLOW)	16	135	25	0.25	540.0
SIGNAL (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	4	-	84	1.00	336.0
FLASHER	-	-	-	0.50	-
ENERGY COSTS TO:					TOTAL = 3001.0
ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHAMBURG, ILLINOIS 60196-1096					
ENERGY SUPPLY CONTACT: JOAN COOK PHONE: (847) 816-5461 COMPANY: Com. Edison					

REVISIONS	
NAME	DATE
PKG/BB	02/02/05

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,JP
DESIGNED BY: PKG/RRM
CHECKED BY: PKG/RRM

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