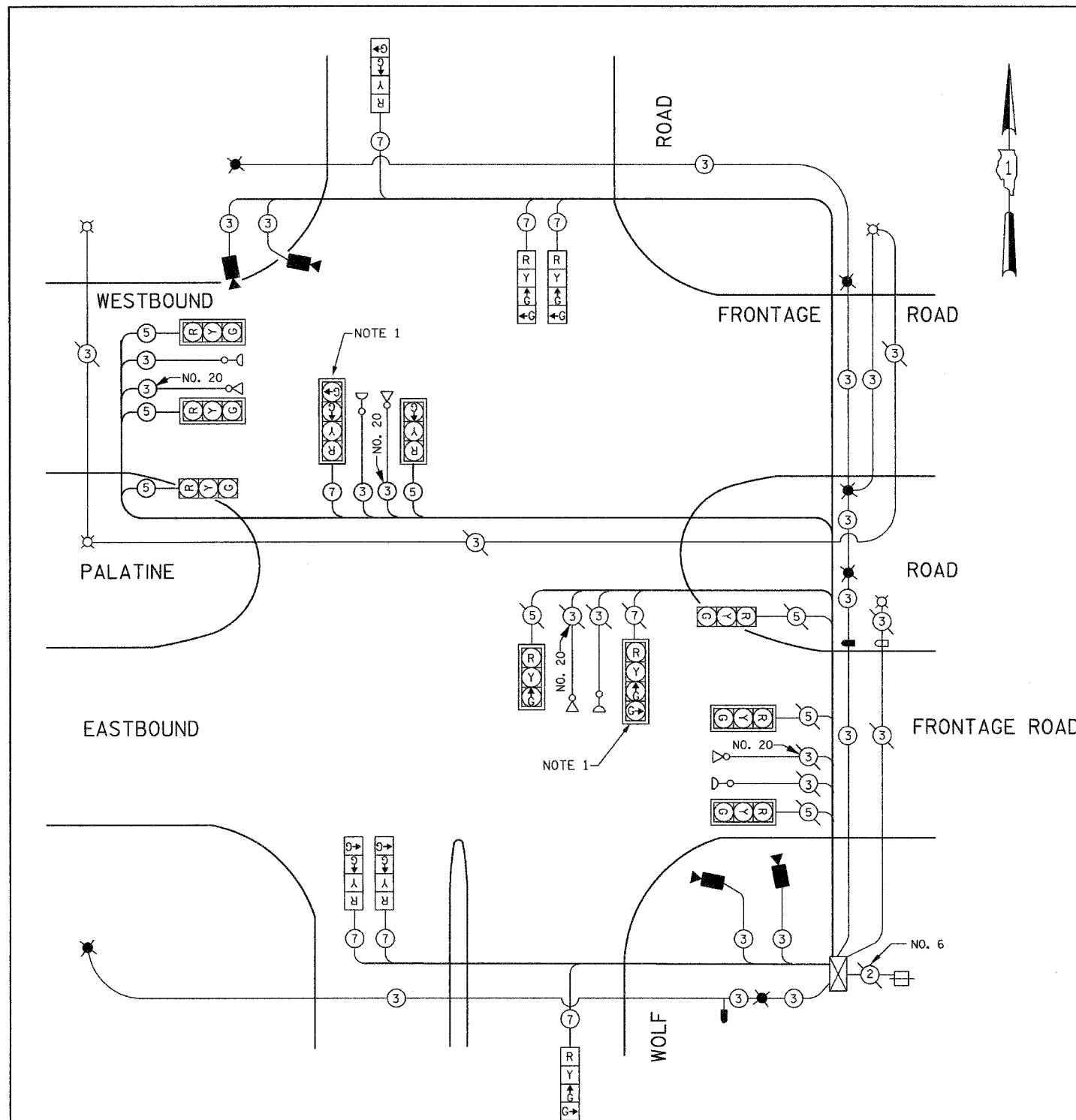


TEMPORARY SEQUENCE OF OPERATION

MOVEMENT	1		2				3				4				FLASH		
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						
WOLF ROAD NEAR AND FAR RIGHT SIGNALS AT EASTBOUND FRONTAGE ROAD	N/B	↑G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	
WOLF ROAD FAR LEFT SIGNAL AT EASTBOUND FRONTAGE ROAD	N/B	↑G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	
WOLF ROAD FAR SIDE SIGNALS AT WESTBOUND FRONTAGE ROAD	N/B	↑G	↑G	↑G	↑G	↑G	↑G	Y	R	R	R	R	R	R	R	R	
WOLF ROAD NEAR AND FAR RIGHT SIGNALS AT WESTBOUND FRONTAGE ROAD	S/B	R	R	R	R	R	R	R	↑G	Y	R	R	R	R	R	R	
WOLF ROAD FAR LEFT SIGNAL AT WESTBOUND FRONTAGE ROAD	S/B	R	R	R	R	R	R	R	↑G	Y	R	R	R	R	R	R	
WOLF ROAD FAR SIDE SIGNALS AT EASTBOUND FRONTAGE ROAD	S/B	R	R	R	R	R	R	R	↑G	↑G	↑G	↑G	↑G	↑G	Y	R	
EASTBOUND FRONTAGE ROAD ALL SIGNALS	E/B	R	R	R	G	Y	R	R	R	R	R	R	R	R	R	R	
WESTBOUND FRONTAGE ROAD ALL SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	

* THE FAR RIGHT SIGNALS SHALL BE DISCONNECTED AND BAGGED WHEN THE NB AND SB TRAFFIC IS MOVED TO THE CENTER LANES ON THE BRIDGE.



EXISTING CABLE DIAGRAM LEGEND

- ② 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.
- ⊗ AVIATION RED OBSTRUCTION LIGHT
- AVIATION PHOTOELECTRIC CONTROL
- ⊗ EMERGENCY VEHICLE LIGHT DETECTOR
- ⊙ CONFIRMATION BEACON
- ⊗ EXISTING CONTROLLER CABINET
- ⊕ EXISTING SERVICE INSTALLATION

TEMPORARY CABLE DIAGRAM LEGEND

- Ⓡ TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- ⑤ 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
- ⊗ VIDED CAMERA ASSEMBLY
- ⊗ AVIATION RED OBSTRUCTION LIGHT
- ⊗ AVIATION PHOTOELECTRIC CONTROL

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE	%OPERATION	
		INCAND.	LED	
SIGNAL (RED)	16	135	17	1080.0
SIGNAL (YELLOW)	16	135	25	540.0
SIGNAL (GREEN)	24	135	15	810.0
ARROW	-	135	12	0.10
PED. SIGNAL	-	90	25	-
CONTROLLER	1	100	100	100
ILLUM. SIGN				0.05
FLASHER				0.50
ENERGY COSTS TO:				TOTAL = 2530.0
ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196-1096				
ENERGY SUPPLY CONTACT: JOAN COOK PHONE: (847) 816-5461 COMPANY: Com. Edison				

NOTE 1: THE EXISTING SIGNAL HEADS INDICATED WITH NOTE 1 SHALL BE DISCONNECTED AND BAGGED WHEN THE NORTHBOUND AND SOUTHBOUND TRAFFIC IS MOVED TO THE CENTER LANES ON THE BRIDGE. THEY SHALL BE CONNECTED AND UNBAGGED WHEN THE TRAFFIC IS MOVED TO THE OUTSIDE LANES ON THE BRIDGE. THIS WORK SHALL BE DONE AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER.

NOTE 2: THE EXISTING DETECTOR LOOPS SHALL BE DISABLED DURING TEMPORARY SIGNAL OPERATION AND THE VIDEO DETECTION SHALL BE INSTALLED AS SHOWN.

GO GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6035 N. NORTHWEST HIGHWAY
SUITE 306
CHICAGO, ILLINOIS 60631 TEL. (773) 774-5910

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PALATINE ROAD: WISCONSIN CENTRAL RR TO
US 45/ILL 21 (Milwaukee Ave.)
TEMPORARY CABLE PLAN AND
TEMPORARY SEQUENCE OF OPERATION
WOLF ROAD AT EAST AND WESTBOUND
FRONTAGE ROADS TO AND FROM PALATINE ROAD
SCALE: N.T.S. DRAWN BY: BB,ME,KP
DESIGNED BY: PKG/RRM
DATE: 01/14/2005 CHECKED BY: PKG/RRM