

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	148
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

NOTES:  
 PUSH BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4  
 PUSH BUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6  
 PUSH BUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8 (3)  
 PUSH BUTTON "D" SHALL PLACE A CALL IN PHASES 8 (3) AND 2

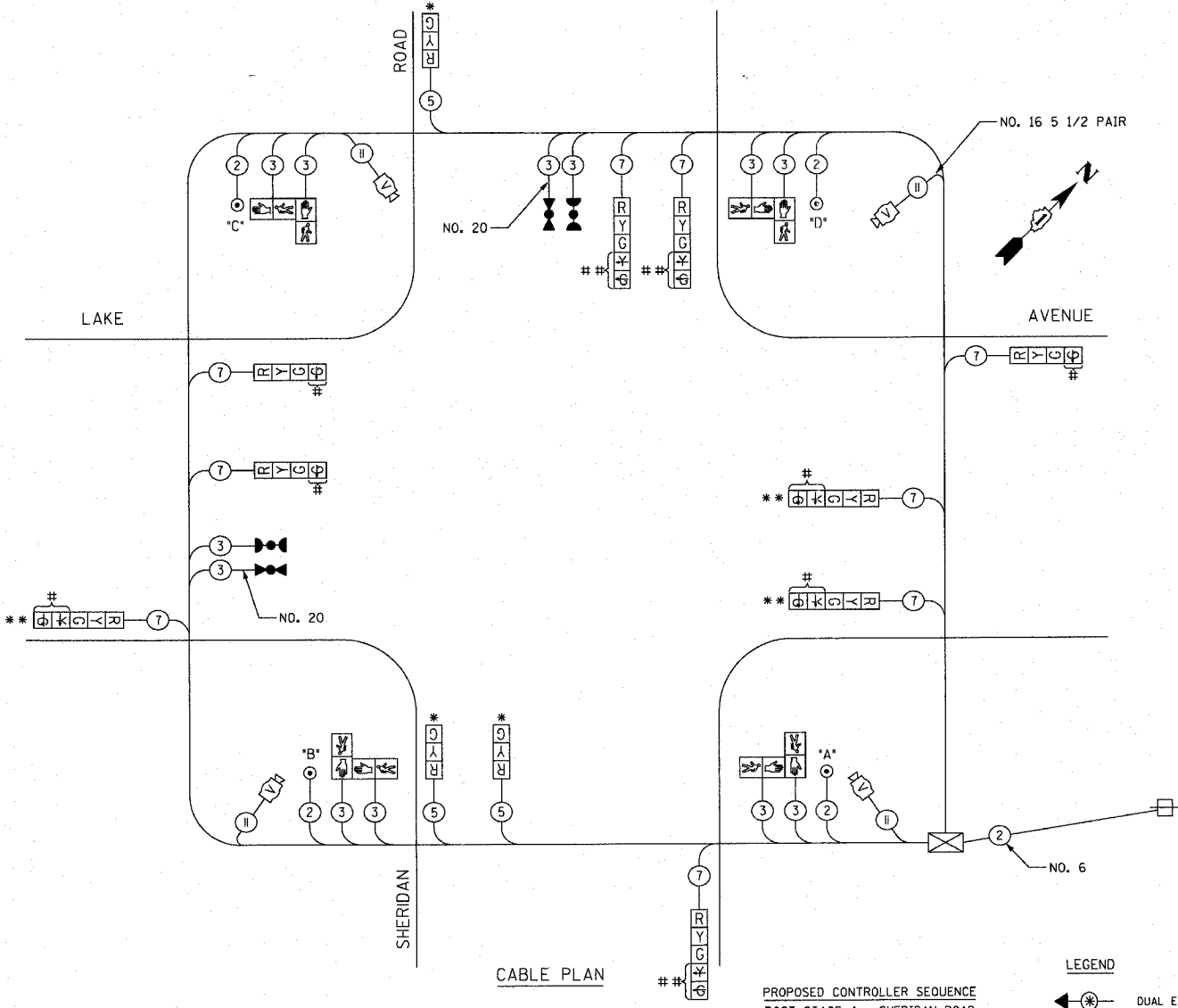
PLOT DATE = 7/12/2007  
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 PLOT SCALE = 902000 / 7 IN.  
 USER NAME = jpholman

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
- PUSHBUTTON DETECTOR
- 12" (300mm) PEDESTRIAN SIGNAL SECTION
- MICROWAVE VEHICLE SENSOR
- VIDEO DETECTOR

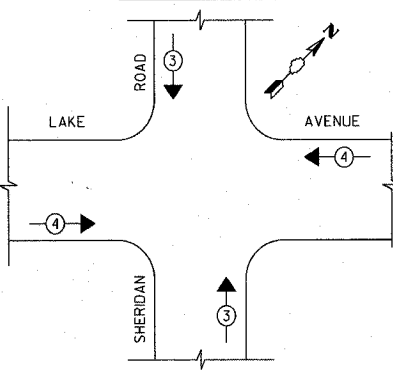
CONSTRUCTION NOTES:

1. DURING THE MAINTENANCE OF TRAFFIC PRE-STAGE AND STAGES 1, 2, 3 AND 4, THE SIGNAL HEADS SHALL BE MOVED AS NECESSARY TO ALIGN WITH THE TRAFFIC LANES.
2. \* - THESE SIGNAL HEADS SHALL BE BAGGED DURING MAINTENANCE OF TRAFFIC STAGE 2 DUE TO THE TRAFFIC BEING ONE-WAY NORTHBOUND.
3. \*\* - THESE SIGNAL HEADS SHALL BE BAGGED DURING MAINTENANCE OF TRAFFIC STAGE 3 DUE TO THE TRAFFIC BEING ONE-WAY WESTBOUND.
4. # - THESE SIGNAL LENSES SHALL BE DISPLAYED AFTER STAGE 3 IS COMPLETED. DURING MAINTENANCE OF TRAFFIC PRE-STAGE AND STAGE 1 THROUGH 3, THEY SHALL BE BAGGED AND REMAIN INACTIVE. THE 'POST STAGE 3' PROPOSED CONTROLLER SEQUENCE SHALL BE USED FOR PHASING.
5. \*\*\* - THESE SIGNAL LENSES SHALL BE DISPLAYED AFTER STAGE 4 IS COMPLETED IN CASE THE PERMANENT SIGNALS ARE NOT OPERATIONAL. DURING MAINTENANCE OF TRAFFIC PRE-STAGE AND STAGES 1 THROUGH 4, THEY SHALL BE BAGGED AND REMAIN INACTIVE. THE 'POST STAGE 4' PROPOSED CONTROLLER SEQUENCE SHALL BE USED FOR PHASING.

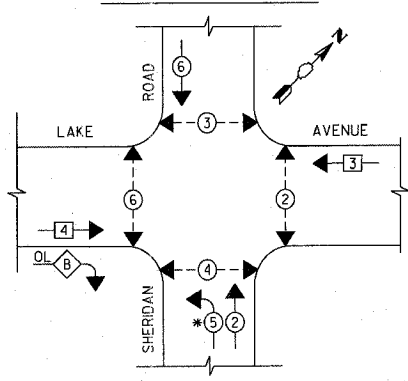


CABLE PLAN

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED CONTROLLER SEQUENCE  
 POST STAGE 4 - SHERIDAN ROAD  
 POST STAGE 3 - LAKE STREET



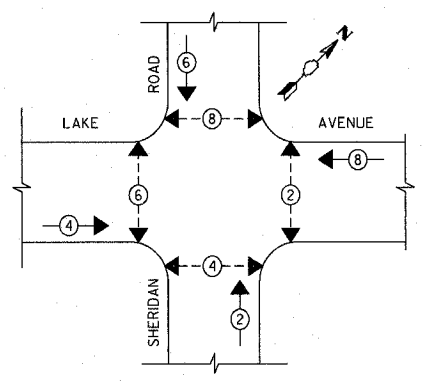
PHASE DESIGNATION DIAGRAM

\* PHASE SHALL BE ACTIVE ONLY AFTER STAGE 4

LEGEND

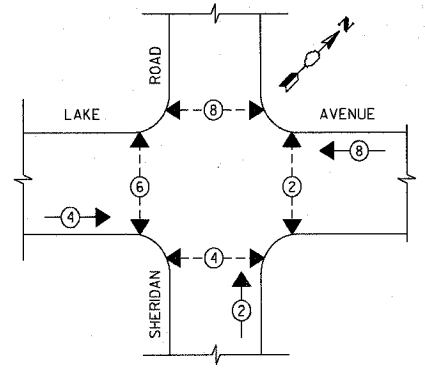
- DUAL ENTRY PHASE
- PEDESTRIAN PHASE
- OVERLAP
- NUMBER REFERS TO ASSOCIATED PHASE

TEMPORARY CONTROLLER SEQUENCE  
 PRE-STAGE AND STAGES 1A, 4 AND WINTER SHUTDOWN



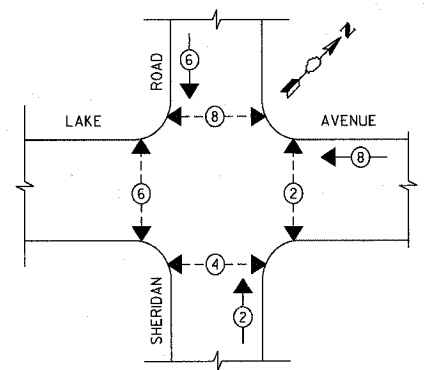
PHASE DESIGNATION DIAGRAM

TEMPORARY CONTROLLER SEQUENCE  
 STAGE 2A AND 2B



PHASE DESIGNATION DIAGRAM

TEMPORARY CONTROLLER SEQUENCE  
 STAGES 1B AND 3A AND 3B



PHASE DESIGNATION DIAGRAM

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	INCAND.	LED	OPERATION	
SIGNAL (RED)	12	135	17	0.5	102
(YELLOW)	12	135	25	0.25	75
(GREEN)	12	135	15	0.25	45
ARROW	0	135	15	0.25	0
PED SIGNAL	4	90	25	1.00	100
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN					
FLASHER				0.50	--
ENERGY COSTS TO:					TOTAL= 422
VILLAGE OF WILMETTE 1200 WILMETTE AVENUE WILMETTE, IL 60091					
ENERGY SUPPLY CONTACT: MR. LARRY SHANK					
PHONE: (847) 816-5465					
COMPANY: COMED					

PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↑	→

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TEMPORARY CABLE PLAN AND  
 TEMPORARY PHASE DESIGNATION DIAGRAM  
 SHERIDAN ROAD AND LAKE AVENUE  
 SCALE NOT TO SCALE  
 DATE 7/12/2007  
 DRAWN BY SRS  
 DESIGNED BY SRS  
 CHECKED BY KMM

