

SEQUENCE OF OPERATION

MOVEMENT	1 + 5				1 + 6				2 + 5				2 + 6				3 + 7				3 + 8				4 + 7				4 + 8				
PHASE	1 + 5				1 + 6				2 + 5				2 + 6				3 + 7				3 + 8				4 + 7				4 + 8				
INTERVAL	1	2	3A	3B	3C	4A	4B	5	6A	6B	6C	7	8	9	10A	10B	10C	10D	11	12	13	14	15	16A	16B	17	18	19A	19B	20	21	22A	22B
CHANGE TO	1+6				2+6				2+6				3+7				3+8				4+7				4+8								
OAKTON STREET E/B END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
OAKTON STREET E/B NEAR RIGHT AND FAR RIGHT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
OAKTON STREET (EAST OF TRACKS) W/B MAST ARM SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
OAKTON STREET (EAST OF TRACKS) W/B NEAR LEFT SIGNAL	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
OAKTON STREET (WEST OF TRACKS) W/B END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
OAKTON STREET (WEST OF TRACKS) W/B FAR RIGHT SIGNAL	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
LEHIGH AVENUE N/B END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
LEHIGH AVENUE N/B NEAR RIGHT AND FAR RIGHT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
LEHIGH AVENUE S/B END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
LEHIGH AVENUE S/B NEAR RIGHT AND FAR RIGHT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R

PHASE 2+6 SHALL BE PLACED ON RECALL

W = "WALK"
 FL = FLASHING "DON'T WALK"
 DW = "DON'T WALK"

RAILROAD PREEMPTION SEQUENCE OF OPERATION

	1	5	7	9	11	15	18	21	PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4	PREEMPTOR NUMBER 2														
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1	5	7	9	11	15	18	21																	
CHANGE FROM EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER									2	3															
RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	1I	1J	1K	1L	1M	1N	1O	1P	1Q	1R	1S	1T	1U	2	3	4	
CHANGE TO RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	2	1C	2	1E	2	1G	2	1I	2	1K	2	1M	2	1O	2	1S	2	1U	2	3	4				
OAKTON STREET E/B END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
OAKTON STREET E/B NEAR RIGHT AND FAR RIGHT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
OAKTON STREET (EAST OF TRACKS) W/B MAST ARM SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
OAKTON STREET (EAST OF TRACKS) W/B NEAR LEFT SIGNAL	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
OAKTON STREET (WEST OF TRACKS) W/B END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
OAKTON STREET (WEST OF TRACKS) W/B FAR RIGHT SIGNAL	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
LEHIGH AVENUE N/B END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
LEHIGH AVENUE N/B NEAR RIGHT AND FAR RIGHT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
LEHIGH AVENUE S/B END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
LEHIGH AVENUE S/B NEAR RIGHT AND FAR RIGHT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
INTERNALLY ILLUMINATED NO LEFT TURN SIGNS	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	
INTERNALLY ILLUMINATED NO RIGHT TURN SIGNS	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	



HOLD

EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION

	1	1	5	5	7	7	9	9	11	11	15	15	18	18	21	21	PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4	CLEAR TO NORMAL SEQUENCE																
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1	1	5	5	7	7	9	9	11	11	15	15	18	18	21	21																			
EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	1I	1J	1K	1L	1M	1N	1O	1P	1Q	1R	1S	1T	1U	1V	1W	1X	1Y	1Z	1AA	1BB	1CC	1DD	1EE	1FF	2	3	
CHANGE TO EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1B	2	1D	3	1F	1G	2	1J	1K	3	2	1N	3	2	1R	1S	1T	3	1V	2	3	1Y	2	3	1BB	2	3	1EE	2	3					
OAKTON STREET E/B END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R			
OAKTON STREET E/B NEAR RIGHT AND FAR RIGHT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R			
OAKTON STREET (EAST OF TRACKS) W/B MAST ARM SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R			
OAKTON STREET (EAST OF TRACKS) W/B NEAR LEFT SIGNAL	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R			
OAKTON STREET (WEST OF TRACKS) W/B END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R			
OAKTON STREET (WEST OF TRACKS) W/B FAR RIGHT SIGNAL	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R			
LEHIGH AVENUE N/B END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R			
LEHIGH AVENUE N/B NEAR RIGHT AND FAR RIGHT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R			
LEHIGH AVENUE S/B END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R			
LEHIGH AVENUE S/B NEAR RIGHT AND FAR RIGHT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R			

◇ EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY INTERVAL AFTER THE EMERGENCY VEHICLE PREEMPTOR INTERVAL 2 OR 3 IS TERMINATED.

△ RAILROAD PREEMPTION SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY AN EMERGENCY VEHICLE INTERVAL (IF APPLICABLE) AFTER RAILROAD PREEMPTION INTERVAL 4 IS TERMINATED.

NRT = "NO RIGHT TURN" OR 
 NLT = "NO LEFT TURN" OR 

SETON ENGINEERING
 SERVICE CORPORATION
 CIVIL ENGINEERS
 19 S. BOWWELL STREET
 PALATINE, ILLINOIS 60067
 VOICE: 847-776-7200 FAX: 847-776-7239
 SETON PROJECT # 200901-001-006

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SEQUENCE OF OPERATION, RAILROAD
 PREEMPTION SEQUENCE OF OPERATION AND
 EMERGENCY VEHICLE PREEMPTION SEQUENCE
 OAKTON STREET AT LEHIGH AVENUE
 MORTON GROVE, ILLINOIS
 SCALE: N.T.S.
 DATE: 09-20-2004
 DRAWN BY: BR
 DESIGNED BY: VO
 CHECKED BY: TJM