

SEQUENCE OF OPERATION

MOVEMENT	1		6 1		5 2		6		7 3		8		7 3		8		7 3		8									
PHASE	1+5		1+6		2+5		2+6		3+7		3+8		4+7		4+8		4+8		4+8									
INTERVAL	1	2	3	4	5	6	7	8	9	10A	10B	11	12	13	14	15	16A	16B	17	18	19A	19B	20	21	22A	22B		
CHANGE TO		1+6	2+5	2+6	2+6	2+6	2+6	2+6	3+7	3+8	4+7	4+7	1+5	1+6	2+5	2+6	4+8	4+8	1+5	1+6	2+5	2+6	4+8	4+8	1+5	1+6	2+5	2+6
IL ROUTE 50 (CICERO AVENUE) NEAR AND FAR RIGHT SIGNALS	NB	R	R	R	R	R	R	G	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
IL ROUTE 50 (CICERO AVENUE) MID MAST ARM SIGNAL	NB	R	R	R	R	R	R	G	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
IL ROUTE 50 (CICERO AVENUE) END MAST ARM AND FAR LEFT SIGNALS	NB	R	R	R	R	R	R	G	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
IL ROUTE 50 (CICERO AVENUE) NEAR AND FAR RIGHT SIGNALS	SB	R	R	R	R	G	G	R	R	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
IL ROUTE 50 (CICERO AVENUE) MID MAST ARM SIGNAL	SB	R	R	R	R	G	G	R	R	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
IL ROUTE 50 (CICERO AVENUE) END MAST ARM AND FAR LEFT SIGNALS	SB	R	R	R	R	G	G	R	R	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
SOUTHWEST HIGHWAY NEAR RIGHT, FAR RIGHT AND MID MAST ARM SIGNALS	EB	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	
SOUTHWEST HIGHWAY END MAST ARM AND FAR LEFT SIGNALS	EB	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	
SOUTHWEST HIGHWAY NEAR AND FAR RIGHT MAST ARM SIGNALS	WB	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	
SOUTHWEST HIGHWAY MID MAST ARM SIGNAL	WB	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	
SOUTHWEST HIGHWAY END MAST ARM AND FAR LEFT SIGNALS	WB	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	
IL ROUTE 50 (CICERO AVENUE) YELLOW FLASHER	NB	FL	FL	FL	FL	FL	FL	DARK	DARK	DARK	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	

PHASE 2+6 SHALL BE PLACED ON RECALL

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDING IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

RAILROAD PREEMPTION SEQUENCE OF OPERATION

CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1	5	7	9	11	15	18	21	PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4	PREEMPTOR NUMBER 2														
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	1J	1K	1L	1M	1N	1P	1Q	1R	1S	2	3	4	5	CLEAR TO NORMAL SEQUENCE			
CHANGE TO RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	2	1C	2	2	1F	2	2	1J	2	1L	2	1N	2	1Q	2	1S	2	3	4	5	CLEAR TO NORMAL SEQUENCE				
IL ROUTE 50 (CICERO AVENUE) NEAR AND FAR RIGHT SIGNALS	NB	R	R	R	G	G	G	R	Y	R	R	R	R	R	G	G	R	R	G	Y	R	R	△		
IL ROUTE 50 (CICERO AVENUE) MID MAST ARM SIGNAL	NB	R	R	R	G	G	G	R	Y	R	R	R	R	R	G	G	R	R	G	Y	R	R	△		
IL ROUTE 50 (CICERO AVENUE) END MAST ARM AND FAR LEFT SIGNALS	NB	R	R	R	G	G	G	R	Y	R	R	R	R	R	G	G	R	R	G	Y	R	R	△		
IL ROUTE 50 (CICERO AVENUE) NEAR AND FAR RIGHT SIGNALS	SB	R	Y	R	R	Y	R	R	Y	R	R	R	R	R	Y	R	R	R	R	R	R	R	△		
IL ROUTE 50 (CICERO AVENUE) MID MAST ARM SIGNAL	SB	R	Y	R	R	Y	R	R	Y	R	R	R	R	R	Y	R	R	R	R	R	R	R	△		
IL ROUTE 50 (CICERO AVENUE) END MAST ARM AND FAR LEFT SIGNALS	SB	R	Y	R	R	Y	R	R	Y	R	R	R	R	R	Y	R	R	R	R	R	R	R	△		
SOUTHWEST HIGHWAY NEAR RIGHT, FAR RIGHT AND MID MAST ARM SIGNALS	EB	R	R	R	R	R	R	R	R	Y	R	Y	R	R	R	Y	R	R	R	R	R	G	△		
SOUTHWEST HIGHWAY END MAST ARM AND FAR LEFT SIGNALS	EB	R	R	R	R	R	R	R	R	Y	R	Y	R	R	R	Y	R	R	R	R	R	G	△		
SOUTHWEST HIGHWAY NEAR AND FAR RIGHT MAST ARM SIGNALS	WB	R	R	R	R	R	R	R	Y	R	R	R	Y	R	R	Y	R	R	R	R	G	△			
SOUTHWEST HIGHWAY MID MAST ARM SIGNAL	WB	R	R	R	R	R	R	R	Y	R	R	Y	R	R	Y	R	R	R	R	R	G	△			
SOUTHWEST HIGHWAY END MAST ARM AND FAR LEFT SIGNALS	WB	R	R	R	R	R	R	R	Y	R	R	Y	R	R	Y	R	R	R	R	R	G	△			
IL ROUTE 50 (CICERO AVENUE) YELLOW FLASHER	NB	FL	FL	FL	DARK	DARK	DARK	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	DARK	FL	FL	FL	△			

EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION

CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1	5	5	7	7	9	9	11	15	15	18	18	21	21	PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4												
EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	1S	1T	1U	1V	2	3	CLEAR TO NORMAL SEQUENCE					
CHANGE TO EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	2	OR 3	2	1D	3	2	1G	3	2	1K	3	2	OR 3	1N	2	3	1R	2	3	1U	2	3	CLEAR TO NORMAL SEQUENCE					
IL ROUTE 50 (CICERO AVENUE) NEAR AND FAR RIGHT SIGNALS	NB	R	R	R	R	G	Y	R	G	Y	R	R	R	R	R	Y	R	R	R	R	R	R	G	R	◇			
IL ROUTE 50 (CICERO AVENUE) MID MAST ARM SIGNAL	NB	R	R	R	R	G	Y	R	G	Y	R	R	R	R	R	Y	R	R	R	R	R	R	G	R	◇			
IL ROUTE 50 (CICERO AVENUE) END MAST ARM AND FAR LEFT SIGNALS	NB	R	R	R	R	G	Y	R	G	Y	R	R	R	R	R	Y	R	R	R	R	R	R	G	R	◇			
IL ROUTE 50 (CICERO AVENUE) NEAR AND FAR RIGHT SIGNALS	SB	R	G	Y	R	R	R	R	G	Y	R	R	R	R	R	Y	R	R	R	R	R	R	G	R	◇			
IL ROUTE 50 (CICERO AVENUE) MID MAST ARM SIGNAL	SB	R	G	Y	R	R	R	R	G	Y	R	R	R	R	R	Y	R	R	R	R	R	R	G	R	◇			
IL ROUTE 50 (CICERO AVENUE) END MAST ARM AND FAR LEFT SIGNALS	SB	R	G	Y	R	R	R	R	G	Y	R	R	R	R	R	Y	R	R	R	R	R	R	G	R	◇			
SOUTHWEST HIGHWAY NEAR RIGHT, FAR RIGHT AND MID MAST ARM SIGNALS	EB	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	G	Y	R	G	◇		
SOUTHWEST HIGHWAY END MAST ARM AND FAR LEFT SIGNALS	EB	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	G	Y	R	G	◇		
SOUTHWEST HIGHWAY NEAR AND FAR RIGHT MAST ARM SIGNALS	WB	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	G	Y	R	G	◇		
SOUTHWEST HIGHWAY MID MAST ARM SIGNAL	WB	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	G	Y	R	G	◇		
SOUTHWEST HIGHWAY END MAST ARM AND FAR LEFT SIGNALS	WB	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	G	Y	R	G	◇		
IL ROUTE 50 (CICERO AVENUE) YELLOW FLASHER	NB	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	DARK	FL	FL	FL	DARK	FL	FL	◇			

△ 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 5 IS TERMINATED.

△ THE EMERGENCY VEHICLE PREEMPTION EQUIPMENT FOR THIS PROJECT SHALL BE "3M OPTICOM" TO MATCH THE EXISTING SYSTEM AND MUNICIPAL REQUIREMENTS

◇ 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 VEHICLE INTERVAL AFTER EMERGENCY VEHICLE INTERVAL 2 OR 3 IS TERMINATED.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION SEQUENCE OF OPERATION, RAILROAD PREEMPTION SEQUENCE OF OPERATION AND EMERGENCY VEHICLE PREEMPTION SEQUENCE ILL. RTE. 50 (CICERO AVENUE) AND SOUTHWEST HIGHWAY

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