

PROPOSED SEQUENCE OF OPERATION

MOVEMENT	N →	2+5				2+6				3+7				3+8				4+7				4+8				F L A S H		
		1	2	3A	3B	4	5	6A	6B	7	8	9	10	11	12	13A	13B	14	15	16	17A	17B	18	19	20		21A	21B
IL ROUTE 25 (BROADWAY STREET) END MAST ARM AND FAR LEFT SIGNALS	NB	G ←G	G →Y	Y	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL ROUTE 25 (BROADWAY STREET) CENTER AND RIGHT MAST ARM AND NEAR RIGHT SIGNALS	NB	G	G	Y	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL ROUTE 25 (BROADWAY STREET) ALL SIGNALS	SB	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
ILLINOIS AVENUE 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	R
ILLINOIS AVENUE RIGHT MAST ARM AND NEAR RIGHT SIGNALS	EB	R G→	R Y→	R Y→	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
ILLINOIS AVENUE 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	R
ILLINOIS AVENUE RIGHT MAST ARM AND NEAR RIGHT 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	R
PEDESTRIAN SIGNALS CROSSING IL ROUTE 25 ON NORTH SIDE OF ILLINOIS AVENUE		H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
PEDESTRIAN SIGNALS CROSSING IL ROUTE 25 ON SOUTH SIDE OF ILLINOIS AVENUE		H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
PEDESTRIAN SIGNALS CROSSING ILLINOIS AVENUE ON WEST SIDE OF IL ROUTE 25		H	H	H	H	P*	FH**	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H

NOTE: PHASES 2 AND 6 SHALL BE PLACED ON RECALL.
 * TO APPEAR ONLY UPON PUSHBUTTON ACTUATION.
 ** FLASHING IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN CLEARANCE INTERVAL.
 ∅ THIS OR FLASHING INTERVAL MAY FINISH TIMING IN THE BIDIRECTIONAL STRAIGHT THROUGH MOVEMENT IF THE LEFT ARROW TIME IS NOT SUFFICIENT TO COMPLETE OR FLASHING INTERVALS.

P = ILLUMINATED PERSON - WALK
 FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK
 H = ILLUMINATED SOLID HAND = DON'T WALK

PROPOSED RAILROAD PREEMPTION SEQUENCE OF OPERATION

CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	PREEMPTION SEQUENCE																			CLEAR TO NORMAL SEQUENCE								
	1	4	7	11	15	19	PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4	PREEMPTOR NUMBER 2	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K		1L	1M	1N	1P	2	3	4	5
CHANGE FROM EMERGENCY VEHICLE PREEMPTION SEQUENCE INTERVAL NUMBER																												
RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	2	3	4	5										
CHANGE TO RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1B	2	1D	2	2	2	1H	2	1K	2	1M	2	1P	2	3	4	5											
IL ROUTE 25 (BROADWAY STREET) END MAST ARM AND FAR LEFT SIGNALS	NB	Y	R	Y	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	△
IL ROUTE 25 (BROADWAY STREET) CENTER AND RIGHT MAST ARM AND NEAR RIGHT SIGNALS	NB	Y	R	Y	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	△
IL ROUTE 25 (BROADWAY STREET) ALL SIGNALS	SB	R	R	Y	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	△
ILLINOIS AVENUE END MAST ARM AND FAR LEFT SIGNALS	EB	R	R	R	R	R	Y	R	Y	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	△
ILLINOIS AVENUE RIGHT MAST ARM AND NEAR RIGHT SIGNALS	EB	R Y→	R	R	R	R	Y	R	Y	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	△
ILLINOIS AVENUE END MAST ARM AND FAR LEFT SIGNALS	WB	R	R	R	R	R	R	G	R	R	G	R	R	G	G	R	R	G	G	G	G	G	G	G	G	Y	R	△
ILLINOIS AVENUE RIGHT MAST ARM AND NEAR RIGHT SIGNALS	WB	R	R	R	R	R	G	R	R	G	R	R	G	G	G	R	R	G	G	G	G	G	G	G	G	Y	R	△
PEDESTRIAN SIGNALS CROSSING IL ROUTE 25 ON NORTH SIDE OF ILLINOIS AVENUE		H	H	H	H	H	FH	H	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	△
PEDESTRIAN SIGNALS CROSSING IL ROUTE 25 ON SOUTH SIDE OF ILLINOIS AVENUE		H	H	H	H	H	FH	H	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	△
PEDESTRIAN SIGNALS CROSSING ILLINOIS AVENUE ON WEST SIDE OF IL ROUTE 25		H	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	△

△ 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 PREEMPTION INTERVAL (IF APPLICABLE) AFTER RAILROAD PREEMPTION INTERVAL 5 IS TERMINATED.

NOTE:
 THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.