

EXISTING SEQUENCE OF OPERATIONS

MOVEMENT	← 6 ↙ 1				← 6 ↘ 1			5 → 2 →			← 6 2 →						↑ 1 ↓ 3 8 ↓				4 ↑ 8 ↓				FLASH									
PHASE	1+5				1+6			2+5			2+6						3+8				4+8													
INTERVAL	1	2A	2B	3A	3B	4A	4B	5	6A	6B	7	8A	8B	9	10A	10B	11A	11B	12A	12B	13	14	15A	15B		16	17	18	19A	19B				
CHANGE TO	1+6				2+5			2+6			2+6			1+6						2+5				1+5 1+6 2+5 2+6				1+5 1+6 2+5 2+6						
U.S. RTE 41 NEAR RIGHT, S/B FAR RIGHT AND MID MAST ARM SIGNALS	R	R	R	R	R	R	R	G	G	G	R	R	R	G	G	G	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
U.S. RTE 41 S/B END MAST ARM AND FAR LEFT SIGNALS	← G	← G	← G	← Y	← R	← Y	← R	← G	← Y	← R	← R	← R	← R	← R	← R	← R	← R	← R	← R	← R	← R	← R	← R	← R	← R	← R	← R	← R	← R	← R	← R	← R		
U.S. RTE 41 NEAR RIGHT, N/B FAR RIGHT AND MID MAST ARM SIGNALS	R	R	R	R	R	R	R	R	R	R	G	G	G	G	Y	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
U.S. RTE 41 N/B END MAST ARM AND FAR LEFT SIGNALS	← G	← Y	← R	← G	← G	← Y	← R	← R	← R	← R	← G	← Y	← R	← R	← R	← R	← R	← R	← R	← R	← R	← R	← R	← R	← R	← R	← R	← R	← R	← R	← R	← R		
WESTLEIGH ROAD W/B NEAR 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	G	G	Y	R	G	G	G	Y	R	R
WESTLEIGH ROAD 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	← G	← G	Y	R	← Y	G	G	Y	R	R
WESTLEIGH ROAD E/B NEAR 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	G	G	Y	R	R	
WESTLEIGH ROAD 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	G	G	Y	R	R	
PEDESTRIAN SIGNALS CROSSING U.S. RTE 41 ON NORTHSIDE OF WESTLEIGH ROAD	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	*P	**FH H	H	H	H	*P	**FH H	H	H	DK

EXISTING RAILROAD PREEMPTION SEQUENCE OF OPERATIONS

CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1	5	7	9	13	17	PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4	PREEMPTOR NUMBER 5	PREEMPTOR NUMBER 2																					
CHANGE FROM EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER							2	3	4																						
RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	1S	1T	2	3	4	5	6	7	8	9	10	11	12	CLEAR TO NORMAL SEQUENCE	
CHANGE TO RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1B	2	1D	2	1F	2	1H	2	1K	2	1M	2	1P	2	1R	2	1T	2	3	4	5	6	7	8	9	10	11	12	13		
U.S. RTE 41 NEAR RIGHT, S/B FAR RIGHT AND MID MAST ARM SIGNALS	R	R	Y	R	R	R	Y	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	G	G	G	G	Y	R	R	R	△	
U.S. RTE 41 S/B END MAST ARM AND FAR LEFT SIGNALS	← Y	← R	← Y	← R	← R	← R	← R	← R	← R	← R	← R	← R	← R	← R	← Y	← R	← R	← R	← R	← R	← R	← G	← Y	← R	← R	← R	← R	← R	← R	△	
U.S. RTE 41 NEAR RIGHT, N/B FAR RIGHT AND MID MAST ARM SIGNALS	R	R	R	R	Y	R	Y	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	△
U.S. RTE 41 N/B END MAST ARM AND FAR LEFT SIGNALS	← Y	← R	← 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	← R	← R	△	
WESTLEIGH ROAD W/B NEAR AND FAR RIGHT SIGNALS	R	R	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	R	R	△
WESTLEIGH ROAD W/B END MAST ARM AND FAR LEFT SIGNALS	R	R	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	R	R	△
WESTLEIGH ROAD E/B NEAR AND FAR RIGHT SIGNALS	R	R	R	R	R	R	R	R	R	R	G	G	R	R	R	R	G	G	G	Y	R	R	R	R	R	R	R	R	R	R	△
WESTLEIGH ROAD E/B END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R	R	R	R	R	R	G	G	R	R	R	R	G	G	← G	Y	R	R	R	R	R	R	R	R	R	R	△
PEDESTRIAN SIGNALS CROSSING U.S. RTE 41 ON NORTHSIDE OF WESTLEIGH ROAD	H	H	H	H	H	H	H	FH	H	FH	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 INTERVAL (IF APPLICABLE) AFTER RAILROAD PREEMPTION INTERVAL 13 IS TERMINATED.

⊙ RAILROAD PREEMPTION SEQUENCE SHALL BE CAPABLE OF CYCLING BETWEEN PHASES 1+6, 2+6 AND PHASE 3 UNTIL RAILROAD PREEMPTION IS TERMINATED.

△ HOLD

* TO APPEAR ONLY UPON PUSHBUTTON ACTUATION

** FLASHING IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN INTERVAL CLEARANCE.

⊙ 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

PHASES 2 AND 6 SHALL BE PLACED ON RECALL.

FL = FLASHING
 DK = DARK

FOR INFORMATION ONLY

FILE NAME = 4085.874-TR1.dwg	USER NAME = ZACH WALLSTEN	DESIGNED - JRD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING SEQUENCE OF OPERATIONS AND EXISTING RAILROAD PREEMPTION SEQUENCE OF OPERATIONS U.S. RTE 41 (SKOKIE HWY) AT WESTLEIGH ROAD	F.A.P. RTE. 346	SECTION 2011-042-TS	COUNTY LAKE	TOTAL SHEETS 62	SHEET NO. 26	CONTRACT # 60P49
PLOT SCALE = 1" = .0833'	CHECKED - KLB	REVISED -	SCALE: N.A.			SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			
PLOT DATE = 6/30/2011	DATE - 6/30/2011	REVISED -									