EXISTING SEQUENCE OF OPERATIONS

MOVEMENT (N ↑)	1 5							5 2			6 1			6 2						
PHASE	1+5							2+5			1+6			2+6						
INTERVAL	1	2A	2B	3A	3B	4A	4B	5	6A	6B	7	8A	8B	9	10A	10B	11A	11B	12A	12B
CHANGE TO	/	1+6		2+5		2+6		/	2+6		/	2+6		/	1+5 3+7 3+8 4+7 4+8		1+6		2+5	
N/B U.S. RTE 41 FAR LEFT AND MEDIAN SIGNALS	←G	←Y	←R	←G	←G	←Y	←R	←G	←Y	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R
N/B U.S. RTE 42 LEFT MAST ARM SIGNAL	R	R	R	R	R	R	R	G	G	G	R	R	R	G	Y	R	Y	R	G	G
N/B U.S. RTE 42 RIGHT MAST ARM AND NEAR RIGHT SIGNALS	R	R	R	R	R	R	R	G	G	G	R	R	R	G	Y	R	Y	R	G	G
S/B U.S. RTE 42 FAR LEFT AND MEDIAN SIGNALS	←G	←G	←G	←Y	←R	←Y	←R	←R	←R	←R	←G	←Y	←R	←R	←R	←R	←R	←R	←R	←R
S/B U.S. RTE 42 LEFT MAST ARM SIGNAL	R	R	R	R	R	R	R	R	R	R	G	G	G	G	Y	R	G	G	Y	R
S/B U.S. RTE 42 RIGHT MAST ARM AND NEAR RIGHT SIGNALS	R	R	R	R	R	R	R	R	R	R	G	G	G	G	Y	R	G	G	Y	R
E/B 22ND STREET FAR LEFT AND LEFT MAST ARM SIGNALS	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R
E/B 22ND STREET CENTER AND RIGHT MAST ARM AND NEAR RIGHT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
W/B 22ND STREET EAST OF TRACKS LEFT TRUSS AND MEDIAN SIGNALS	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R
W/B 22ND STREET EAST OF TRACKS CENTER AND RIGHT TRUSS AND NEAR RIGHT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
W/B 22ND STREET WEST OF TRACKS FAR LEFT AND LEFT MAST ARM SIGNALS	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R
W/B 22ND STREET WEST OF TRACKS CENTER AND RIGHT MAST ARM SIGNAL	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R

MOVEMENT	7 3											7 4				
PHASE	3+7											4+7				
INTERVAL	13	14A	14B	14C	14D	15A	15B	16A	16B	16C	16D	17	18A	18B	19A	19B
CHANGE TO	/	1+5 1+6 2+5 2+6 4+8				3+8		4+7				/	1+5 1+6 2+5 2+6		4+8	
N/B U.S. RTE 41 FAR LEFT AND MEDIAN SIGNALS	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R
N/B U.S. RTE 42 LEFT MAST ARM SIGNAL	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
N/B U.S. RTE 42 RIGHT MAST ARM AND NEAR RIGHT SIGNALS	R G→	R G→	R G→	R Y→	R	R G→	R G→	R G→	R G→	R Y→	R	R	R	R	R	R
S/B U.S. RTE 42 FAR LEFT AND MEDIAN SIGNALS	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R
S/B U.S. RTE 42 LEFT MAST ARM SIGNAL	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
S/B U.S. RTE 42 RIGHT MAST ARM AND NEAR RIGHT SIGNALS	R G→	R Y→	R	R	R	R Y→	R	R G→	R G→	R G→	R G→	R G→	R Y→	R	R Y→	R
E/B 22ND STREET FAR LEFT AND LEFT MAST ARM SIGNALS	←G	←Y	←R	←R	←R	←Y	←R	←G	←G	←G	←G	←G	←Y	←R	←Y	←R
E/B 22ND STREET CENTER AND RIGHT MAST ARM AND NEAR RIGHT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	G	G
W/B 22ND STREET EAST OF TRACKS LEFT TRUSS AND MEDIAN SIGNALS	←G	←Y	←R	←R	←R	←G	←G	←Y	←R	←R	←R	←R	←R	←R	←R	←R
W/B 22ND STREET EAST OF TRACKS CENTER AND RIGHT TRUSS AND NEAR RIGHT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
W/B 22ND STREET WEST OF TRACKS FAR LEFT AND LEFT MAST ARM SIGNALS	←G	←G	←G	←Y	←R	←G	←G	←G	←G	←Y	←R	←R	←R	←R	←R	←R
W/B 22ND STREET WEST OF TRACKS CENTER AND RIGHT MAST ARM SIGNAL	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R

MOVEMENT	8 3									8 4					
PHASE	3+8									4+8					FLASH
INTERVAL	20	21A	21B	21C	21D	22A	22B	22C	22D	23	24A	24B	24C	24D	
CHANGE TO	/	1+5 1+6 2+5 2+6				4+8				/	1+5, 2+5, 1+6 OR 2+6				
N/B U.S. RTE 41 FAR LEFT AND MEDIAN SIGNALS	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R
N/B U.S. RTE 42 LEFT MAST ARM SIGNAL	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
N/B U.S. RTE 42 RIGHT MAST ARM AND NEAR RIGHT SIGNALS	R G→	R G→	R G→	R Y→	R	R G→	R G→	R Y→	R	R	R	R	R	R	R
S/B U.S. RTE 42 FAR LEFT AND MEDIAN SIGNALS	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R
S/B U.S. RTE 42 LEFT MAST ARM SIGNAL	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
S/B U.S. RTE 42 RIGHT MAST ARM AND NEAR RIGHT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
E/B 22ND STREET FAR LEFT AND LEFT MAST ARM SIGNALS	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R
E/B 22ND STREET CENTER AND RIGHT MAST ARM AND NEAR RIGHT SIGNALS	R	R	R	R	R	R	R	R	R	G	G	G	Y	R	R
W/B 22ND STREET EAST OF TRACKS LEFT TRUSS AND MEDIAN SIGNALS	←G	←Y	←R	←R	←R	←Y	←R	←R	←R	←R	←R	←R	←R	←R	←R
W/B 22ND STREET EAST OF TRACKS CENTER AND RIGHT TRUSS AND NEAR RIGHT SIGNALS	G	Y	R	R	R	G	G	G	G	G	Y	R	R	R	R
W/B 22ND STREET WEST OF TRACKS FAR LEFT AND LEFT MAST ARM SIGNALS	←G	←G	←G	←Y	←R	←G	←G	←Y	←R	←R	←R	←R	←R	←R	←R
W/B 22ND STREET WEST OF TRACKS CENTER AND RIGHT MAST ARM SIGNAL	G	G	G	Y	R	G	G	G	G	G	G	G	Y	R	R

PHASES 2 AND 6 SHALL BE PLACED ON RECALL

EXISTING RAILROAD PREEMPTION SEQUENCE OF OPERATIONS

CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1		5		7		9		13		17		20		23	
CHANGE FROM EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER																
RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R
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
N/B U.S. RTE 41 FAR LEFT AND MEDIAN SIGNALS	←Y	←R	←Y	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R
N/B U.S. RTE 41 LEFT MAST ARM SIGNAL	R	R	Y	R	R	R	Y	R	R	R	R	R	R	R	R	R
N/B U.S. RTE 41 RIGHT MAST ARM AND NEAR RIGHT SIGNALS	R	R	Y	R	R	R	Y	R	R Y→	R	R	R	R Y→	R	R	R
S/B U.S. RTE 41 FAR LEFT AND MEDIAN SIGNALS	←Y	←R	←R	←R	←Y	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R
S/B U.S. RTE 41 LEFT MAST ARM SIGNAL	R	R	R	R	Y	R	Y	R	R	R	R	R	R	R	R	R
S/B U.S. RTE 41 RIGHT MAST ARM AND NEAR RIGHT SIGNALS	R	R	R	R	Y	R	Y	R	R Y→	R	R Y→	R	R	R	R	R
E/B 22ND STREET FAR LEFT AND LEFT MAST ARM SIGNALS	←R	←R	←R	←R	←R	←R	←R	←R	←Y	←R	←Y	←R	←R	←R	←R	←R
E/B 22ND STREET CENTER AND RIGHT MAST ARM AND NEAR RIGHT SIGNALS	R	R	R	R	R	R	R	R	R	R	Y	R	R	R	Y	R
W/B 22ND STREET EAST OF TRACKS LEFT TRUSS AND MEDIAN SIGNALS	←R	←R	←R	←R	←R	←R	←R	←R	←Y	←R	←R	←R	←Y	←R	←R	←R
W/B 22ND STREET EAST OF TRACKS CENTER AND RIGHT TRUSS AND NEAR RIGYHT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	Y	R
W/B 22ND STREET WEST OF TRACKS FAR LEFT AND LEFT MAST ARM SIGNALS	←R	←R	←R	←R	←R	←R	←R	←R	←G	←G	←R	←R	←G	←G	←R	←R
W/B 22ND STREET WEST OF TRACKS CENTER AND RIGHT MAST ARM SIGNAL	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	G
N/B U.S. RTE 41 NO RIGHT TURN ILLUMINATED SIGNS	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT

	PREEMPTOR NUMBER 3		PREEMPTOR NUMBER 4		PREEMPTOR NUMBER 5		PREEMPTOR NUMBER 6		PREEMPTOR NUMBER 2				
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER													
CHANGE FROM EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	2		3		4		5						
RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1S	1T	1U	1V	1W	1X	1Y	1Z	2	3	4	5	CLEAR TO NORMAL SEQUENCE
CHANGE TO RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1T	2	1V	2	1X	2	1Z	2	3	4	5		
N/B U.S. RTE 41 FAR LEFT AND MEDIAN SIGNALS	←Y	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	△
N/B U.S. RTE 41 LEFT MAST ARM SIGNAL	Y	R	R	R	R	R	R	R	R	R	R	G	△
N/B U.S. RTE 41 RIGHT MAST ARM AND NEAR RIGHT SIGNALS	Y	R	R	R	R	R	R	R	R	R	R	G	△
S/B U.S. RTE 41 FAR LEFT AND MEDIAN SIGNALS	←R	←R	←Y	←R	←R	←R	←R	←R	←R	←R	←R	←R	△
S/B U.S. RTE 41 LEFT MAST ARM SIGNAL	R	R	Y	R	R	R	R	R	R	R	R	G	△
S/B U.S. RTE 41 RIGHT MAST ARM AND NEAR RIGHT SIGNALS	R	R	Y	R	R	R	R	R	R	R	R	G	△
E/B 22ND STREET FAR LEFT AND LEFT MAST ARM SIGNALS	←R	←R	←R	←R	←Y	←R	←R	←R	←R	←R	←R	←R	△
E/B 22ND STREET CENTER AND RIGHT MAST ARM AND NEAR RIGHT SIGNALS	R	R	R	R	Y	R	R	R	R	R	R	R	△
W/B 22ND STREET EAST OF TRACKS LEFT TRUSS AND MEDIAN SIGNALS	←R	←R	←R	←R	←R	←R	←Y	←R	←R	←R	←R	←R	△
W/B 22ND STREET EAST OF TRACKS CENTER AND RIGHT TRUSS AND NEAR RIGYHT SIGNALS	R	R	R	R	R	R	Y	R	R	R	R	R	△
W/B 22ND STREET WEST OF TRACKS FAR LEFT AND LEFT MAST ARM SIGNALS	←R	←R	←R	←R	←R	←R	←G	←G	←G	←Y	←R	←R	△
W/B 22ND STREET WEST OF TRACKS CENTER AND RIGHT MAST ARM SIGNAL	R	R	R	R	R	R	G	G	G	Y	R	R	△
N/B U.S. RTE 41 NO RIGHT TURN ILLUMINATED SIGNS	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	△
												HOLD	

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

NRT = NO RIGHT TURN

FOR INFORMATION ONLY

GHA #4085.874

FILE NAME = 4085.874-TR1.dwg	USER NAME = ZACH WALLSTEN	DESIGNED - JRD	REVISED -
		DRAWN - ZCW	REVISED -
	PLOT SCALE = 1" = .0833'	CHECKED - KLB	REVISED -
	PLOT DATE = 6/30/2011	DATE - 6/30/2011	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 MLK JR. DRIVE/22ND STREET

SCALE: N.A. | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2011-042-TS	LAKE	62	38
		CONTRACT #: 60P49		

ILLINOIS | FED. AID PROJECT