

SEQUENCE OF OPERATION

MOVEMENT	P 6						P 6						P 6						P				FLASH
	1		2		P		1		2		P		4										
PHASE	1+6		2+6						1+6						4				DARK				
INTERVAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14									
IL RTE 31 SB MAST ARM AND FAR LEFT SIGNALS	G ←G	G ←Y	G	G	G	G	G ←G	G ←G	Y	R	R	R	R	R									
IL RTE 31 SB NEAR RIGHT AND FAR RIGHT SIGNALS	G	G	G	G	G	G	G	G	Y	R	R	R	R	R									
IL RTE 31 NB SIGNALS	R	R	G	G	Y	R	R	R	R	R	R	R	R	R									
CHICAGO STREET EB SIGNALS	R	R	R	R	R	R	R	R	R	R	G	G	Y	R									
PED SIGNALS CROSSING IL RTE 31	H	H	H	H	H	H	H	H	H	H	P	FH	H	H									
PED SIGNALS CROSSING CHICAGO STREET ON WEST SIDE OF IL RTE 31	P	P	P	P	P	P	FH	H	H	H	H	H	H	H									
PED SIGNALS CROSSING CHICAGO STREET ON EAST SIDE OF IL RTE 31	H	H	H	FH	H	H	H	H	H	H	H	H	H	H									

EMERGENCY VEHICLE SEQUENCE OF OPERATION


	1		1		3		3		7		7		11			11		PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4	CLEAR TO NORMAL SEQUENCE	
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER																					
EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATIONS NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	1S	1T	2	3	◇
CHANGE TO EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1B	2	1D	1E	3	2	1H	1J	3	1L	2	1N	1P	3	1R	1S	2	3			◇
IL RTE 31 SB MAST ARM AND FAR LEFT SIGNALS	G ←G	G ←Y	G ←G	Y	R	G	G	Y	R	G ←G	G ←Y	G ←G	Y	R	R	R	R	R	G	R	◇
IL RTE 31 SB NEAR RIGHT AND FAR RIGHT SIGNALS	G	G	G	Y	R	G	G	Y	R	G	G	G	Y	R	R	R	R	R	G	R	◇
IL RTE 31 NB SIGNALS	R	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	G	R	◇
CHICAGO STREET EB SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	G	R	G	◇
PED SIGNAL CROSSING IL RTE 31	H	H	H	H	H	H	H	H	H	H	H	H	H	H	FH	H	H	FH	H	H	◇
PED SIGNAL CROSSING CHICAGO STREET ON WEST SIDE OF IL RTE 31	FH	H	FH	H	H	FH	FH	H	H	FH	H	FH	H	H	H	H	H	H	H	H	◇
PED SIGNALS CROSSING CHICAGO STREET ON EAST SIDE OF IL RTE 31	H	H	H	H	H	FH	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	◇

◇ EMERGENCY VEHICLE PREEMPTION 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 EMERGENCY INTERVAL 2 OR 3 IS TERMINATED

RAILROAD PREEMPTION SEQUENCE OF OPERATION

	1 OR 7		3		11		PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4	PREEMPTOR NUMBER 2	CLEAR TO NORMAL SEQUENCE
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER										
CHANGE FROM EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER							2	3		
RAILROAD PREEMPTION SEQUENCE OF OPERATION NUMBER	1A	1B	1C	1D	1E	1F	1G	2		△
CHANGE TO RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	2	2	1D	2	2	1G	2			△
IL RTE 31 SB MAST ARM AND FAR LEFT SIGNALS	G ←Y	G	R	R	G	R	R	G		△
IL RTE 31 NEAR RIGHT AND FAR RIGHT SIGNALS	G	G	R	R	G	R	R	G		△
IL RTE 31 NB SIGNALS	R	G	R	R	G	R	R	G		△
CHICAGO STREET EB SIGNALS	R	R	Y	R	R	Y	R	R		△
PWD SIGNAL CROSSING IL RTE 31	H	H	FH	H	H	H	H	H		△
PED SIGNAL CROSSING CHICAGO STREET ON WEST SIDE OF IL RTE 31	FH	FH	H	H	H	H	H	H		△
PED SIGNAL CROSSING CHICAGO STREET ON EAST SIDE IL RTE 31	FH	FH	H	H	H	H	H	H		△
ILLUMINATED SIGN NB IL RTE 31 NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT		△
ILLUMINATED SIGN SB IL RTE 31 NLT	NLT	NLT	NLT	NLT	NLT	NRT	NLT	NLT		△

NRT = "NO RIGHT TURN" OR 

NLT = "NO LEFT TURN" OR 

△ 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 2 IS TERMINATED.

HOLD

FILE NAME = 4085.880-TR1.dwg	USER NAME = ZACH WALLSTEN	DESIGNED - JRD	REVISED -
		DRAWN - ZCW	REVISED -
		CHECKED - KLB	REVISED -
		DATE - 12/16/2011	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SEQUENCE OF OPERATION, RAILROAD PREEMPTION SEQUENCE OF OPERATION, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION
ILL ROUTE 31 (STATE STREET) AT CHICAGO STREET**

F.A.P. RTE. VARIES	SECTION 2011-218-I	COUNTY KANE	TOTAL SHEETS 48	SHEET NO. 25
SCALE: N.A.				CONTRACT #: 60R60
SHEET NO. OF SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT

GHA #4085.880