SEQUENCE OF OPERATIONS

MOVEMENT		†				7 -		Р	F L A S			
PHASE	N				P 6 2 P				H			
INTERVAL		1	2	3	4	5	6	7	8	9	10	
IL RTE 31 NB SIGNALS	1.11.27.211	G	G	Υ	R	R	R	R	R	R	R	R
IL RTE 31 SB SIGNALS		G.	G	Υ	R	R	R	R	R	R	R	R
HIGHLAND AVE EB END MAST ARM AND FAR LEFT SIGNALS		R	R	R	R	R ← G	R ← Y	G	G	Υ	R	R
HIGHLAND AVE EB NEAR AND FAR RIGHT SIGNALS		R	R	R	R	R	R	G	G	Υ	R	R
HIGHLAND AVE WB NEAR AND FAR RIGHT SIGNALS		R	R	R	R	R	R	G	G	Υ	R	R
HIGHLAND AVE WB END MAST ARM AND FAR LEFT SIGNALS		R	R	R	R	R ← G	R ←Y	G	G	Y	R	R
PEDESTRIAN SIGNALS CROSSING HIGHLAND AVE		Р	FH	н	Н	н	н	н	н	н	н	D A
PEDESTRIAN SIGNALS CROSSING IL RTE 31		Н	Н	н	н	н	Н	Р	FH	н	н	R K

P = ILLUMINATED PERSON = WALK

FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK

H = ILLUMINATED SOLID HAND = DON'T WALK

RAILROAD PREEMPTION SEQUENCE OF OPERATION

						PREEM NUMI		PREEN NUMI		PREEMPTOR NUMBER 2									
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER		1	5		7	>	> <												
CHANGE FROM EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER		<	X	>	<		2	;	3										
RAILROAD PREEMPTION SEQUENCE OF OPERATION NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	1J	2	3	4	5	6	7	8	9	10	CLEAR TO
CHANGE TO RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1B	2	2	1E	2	1G	2	1J	2	3	4	5	6	7	8 OR NORMAL	9	10	5 OR NORMAL	NORMAL SEQUENCE
IL RTE 31 NB SIGNALS	Y	R	R	R	R	Υ	R	R	R	R	R	R	G	Υ	R	R	R	R	Δ
IL RTE 31 SB SIGNALS	Υ	R	R	R	R	Υ	R	R	R	R	R	R	G	Υ	R	R	R	R	Δ
HIGHLAND AVE EB END MAST AND FAR LEFT SIGNALS	R	R	R ← Y	Υ	R	R	R	Υ	R	R	R	R	R	R	R	G	Υ	R	Δ
HIGHLAND AVE EB NEAR AND FAR RIGHT SIGNALS	R	R	R	Y	R	R	R	Υ	R	R	R	R	R	R	R	G	Υ	R	Δ
HIGHLAND AVE WB NEAR AND FAR RIGHT SIGNALS	R	R	R	G	G	R	R	G	G	G	Υ	R	R	R	R	R	R	R	Δ
HIGHLAND AVE WB END MAST ARM AND FAR LEFT SIGNALS	R	R	R ← G	G	G	R	R	G	G	G ← G	Υ	R	R	R	R	R	R	R	Δ
PEDESTRIAN SIGNALS CROSSING HIGHLAND AVE	. FH	н	Н	H	Н	Н	Н	Н	Н	н	Н	Н	Н	Н	Н	Н	Н	Н	Δ
PEDESTRIAN SIGNAL CROSSING IL RTE 31	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	Δ
A RAILROAD PREEMPTION SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY HOLD HOLD											•								

A 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 7 OR 10 IS TERMINATED.

RAILROAD PREEMPTION SEQUENCE SHALL BE CAPABLE OF CYCLING BETWEEN PHASES 2+6 AND PHASE 7 UNTIL RAILROAD PREEMPTION IS TERMINATED.

FILE NAME =

P = ILLUMINATED PERSON = WALK
FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK

H = ILLUMINATED SOLID HAND = DON'T WALK

	PLOT DATE = 12/16/2011	DATE - 12/16/2011	REVISED -
	PLOT SCALE = 1" = .0833'	CHECKED - KLB	REVISED -
4085.880-TR1.dwg		DRAWN - ZCW	REVISED -
FILE NAME =	USER NAME = ZACH WALLSTEN	DESIGNED - JRD	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION

										PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4	
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1	1			5	7			7	><	><	
EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	1J	2	3	CLEAR TO NORMAL SEQUENCE
CHANGE TO EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	2	1C	1D	3	2 OR 3	1G	1H	2	3	><	><	\Diamond
IL RTE 31 NB SIGNALS	G	G	Υ	R	R	R	R	R	R	G	R	\Diamond
IL RTE 31 SB SIGNALS	G	G	Υ	R	R	R	R	R	R	G	R	\Diamond
HIGHLAND AVE EB END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R ← Y	G	Υ	R	G	R	G	\Diamond
HIGHLAND AVE EB NEAR AND FAR RIGHT SIGNALS	R	R	R	R	R	G	Υ	R	G	R	G	\Diamond
HIGHLAND AVE WB NEAR AND FAR RIGHT SIGNALS	R	R	R	R	R	G	Y	R	G	R	G	\Diamond
HIGHLAND AVE WB MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R ← Y	G	Υ	R	G	R	G	\Diamond
PEDESTRIAN SIGNALS CROSSING HIGHLAND AVE	FH	FH	н	н	Н	н	н	н	н	Н	Н	\Diamond
PEDESTRIAN SIGNALS CROSSING IL RTE 31	н	Н	н	н	н	FH	н	н	FH	Н	H	\Diamond

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.

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

SEQUENCE OF OPERATION, RAILROAD PREEMPTION SEQUENCE OF OPERATION, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION ILL ROUTE 31 (STATE ST) AT HIGHLAND AVENUE

 GHA #4085.880

 COUNTY
 TOTAL SHEET NO.

 KANE
 48
 28
 SECTION COUNTY 2011-218-1 VARIES CONTRACT #: 60R60