EXISTING SEQUENCE OF OPERATION

MOVEMENT	5→1	5→2→4	1→6→1	2→6	3→7	3→8	4→7	4→8	FLASHES
PHASE	1 + 5	2 + 5	1 + 6	2 + 6	3 + 7	3 + 8	4 + 7	4 + 8	
INTERVAL	1 2 3 4	5 6 7A 7B 8 9A 9B	10 11 12A 12B 13 14A 14B	15 16 17A 17B	18 19 20 21	22 23 24A 24B 25 26A 26B	27 28 29A 29B 30 31A 31B	32 33 34A 34B	
CHANGE TO	2+5 / 1+6 / 2+6 3+7 3+8 4+7 4+8	1+5 / 2+6 / 1+6 3+7 3+8 4+7 4+8	1+5 / 2+6 / 2+5 3+7 3+8 4+7 4+8	3+7 3+8 4+7 4+8	4+7 / 3+8	3+7 / 4+8 / 1+5 1+6 2+5 2+6 4+7	3+7 / 4+8 / 1+5 1+6 2+5 2+6 3+8	1+5 1+6 2+5 2+6	
ILL. RTE. 83 E/B FAR RIGHT SIGNAL	R R R R	G G Y R G Y R	R R R R R R R	G G Y R	R R R R	R R R R R R R	R R B R R R R	R R R R	R
ILL. RTE. 83 E/B FAR LEFT AND END MAST ARM SIGNALS	R→G R→G R→Y R→Y	G→G G→G Y→R R→G G Y R	R R R 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 R R R	R
ILL. RTE. 83 W/B FAR RIGHT SIGNAL	R R R R	R R R R R R R	G G Y R G Y R	G G Y R	R R R R	R R R R R R R	R R A R R R R	R R R R	R
ILL. RTE. 83 W/B FAR LEFT AND END MAST ARM SIGNALS	R→G R→Y R→G R→Y	R R R R R R R	G→G G→G Y→R R→G 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 R R R	R
COTTAGE GROVE AVE. N/B FAR RIGHT SIGNAL	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 G Y R	R R R R R R R	G G Y R	R
COTTAGE GROVE AVE. N/B FAR LEFT AND END MAST ARM SIGNALS	R R R R	R R R R R R R	R R R R R R R	R R R R	R→G R→Y R→G R→Y	G→G G→G Y→R R→G G→G Y R	R R R A R R R	G G Y R	R
COTTAGE GROVE AVE. S/B FAR RIGHT SIGNAL	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 R R R R R	G→G D→G Y→R R→G G→Y R→R	G G Y R	R
COTTAGE GROVE AVE. S/B FAR LEFT AND END MAST ARM SIGNALS	R R R R	R R R R R R R	R R R R R R R	R R R R	R→G R→G R→Y R→Y	R R R R R R R	G→G G→G Y→R R→G G→Y R→R	G G Y R	R
PEDESTRIAN SIGNALS CROSSING ON SOUTHSIDE OF COTTAGE GROVE AVE.	DW DW DW DW	*W **FL DW DW DW DW DW DW	DW DW DW DW DW DW DW	*W **FL DW DW DW	DW DW DW DW	DW DW DW DW DW DW DW	DW DW DW DW DW DW DW	DW DW DW DW	DARK
PEDESTRIAN SIGNALS CROSSING ON WESTSIDE OF ILL. 83	DW DW DW DW	DW DW DW DW DW DW DW	DW **FL DW DW DW DW DW	DW DW DW DW	DW DW DW DW	DW DW DW DW DW DW DW	*W **FL DW DW DW DW DW	*W **FL DW DW DW	DARK
PEDESTRIAN SIGNALS CROSSING ON NORTHSIDE OF COTTAGE GROVE AVE.	*W **FL DW DW DW DW DW	DW DW DW DW DW DW DW	DW DW DW DW DW DW DW	*W **FL DW DW DW	DW DW DW DW	DW DW DW DW DW DW DW	DW DW DW DW DW DW DW	DW **FL DW DW DW	DARK
PEDESTRIAN SIGNALS CROSSING ON EASTSIDE OF ILL. 83	DW DW DW DW	DW DW DW DW DW DW DW	DW DW DW DW DW DW DW	DW DW DW DW	DW DW DW DW	*W **FL DW DW DW DW DW	DW DW DW DW DW DW DW	*W **FL DW DW DW	DARK

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION

CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1	5	10	15	18	22	27	32	PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4	PREEMPTOR NUMBER 5	
EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1A 1B	1C 1D 1E 1F 1G	1H 1J 1K 1L 1M	1N 1P 1Q 1R	1S 1T	1U 1V 1W 1X 1Y	1Z 1AA 1AB 1AC 1AD	1AE 1AF 1AG 1AH	2	3	4	RESUME NORMAL SEQUENCE
CHANGE TO EMERGENCY VEHICLE PREEMPTION SEQUENCE INTERVAL	1B 2,3 OR 4	1D 1E 2_{OR_4} 1G 3	1J 1K 2_{OR_4} 1M 3	1P 1Q 2_{OR_4} 3	1T 2,3 OR 4	1V 1W 2_{OR_3} 1Y 4	1AA 1AB 2_{OR_3} 1AD 4	1AF 1AG 2_{OR_3} 4				
ILL. 83 E/B FAR RIGHT SIGNAL	R R	G Y R G G	R R R R R	G Y R G	R R	R R R R R	R R R R R	R R R R	R	G	R	◇
ILL. 83 E/B FAR LEFT AND END MAST ARM SIGNALS	R→Y R	G→G Y R G→G G→Y	R R R R R	G Y R G	R R	R R R R R	R R R R R	R R R R	R	G	R	◇
ILL. 83 W/B FAR RIGHT SIGNAL	R R	R R R G G	G Y R G G	G Y R G	R R	R R R R R	R R R R R	R R R R	G	G	R	◇
ILL. 83 W/B FAR LEFT AND END MAST ARM SIGNALS	R→Y R	R R R G→G G→Y	G Y R G G	G Y R G	R R	R R R R R	R R R R R	R R R R	G→G	G	R	◇
COTTAGE GROVE AVE. N/B FAR RIGHT SIGNAL	R R	R R R R R	R R R R R	R R R R	R R	G Y R G G	R R R R R	G Y R G	R	R	G	◇
COTTAGE GROVE AVE. N/B FAR LEFT AND END MAST ARM SIGNALS	R R	R R R R R	R R R R R	R R R R	R→Y R	G→G Y R G→C C→Y	R R R R R	G Y R G	R	R	G	◇
COTTAGE GROVE AVE. S/B FAR RIGHT SIGNAL	R R	R R R R R	R R R R R	R R R R	R R	R R R R R	G Y R G G	G Y R G	R	R	G	◇
COTTAGE GROVE AVE. S/B FAR LEFT AND END MAST ARM SIGNALS	R R	R R R R R	R R R R R	R R R R	R→Y R	R R R R R	G→G Y R G→G G→Y	G Y R G	R	R	G	◇
PEDESTRIAN SIGNALS CROSSING ON SOUTH SIDE OF COTTAGE GROVE AVE.	DW DW	FL DW DW FL DW DW	DW DW DW DW DW	FL DW DW FL DW	DW DW	DW DW DW DW DW	DW DW DW DW DW	DW DW DW DW	DW	DW	DW	◇
PEDESTRIAN SIGNALS CROSSING ON WEST SIDE OF ILL. 83	DW DW	DW DW DW DW DW	DW DW DW DW DW	DW DW DW DW	DW DW	DW DW DW DW DW	FL DW DW DW DW	FL DW DW FL DW	DW	DW	DW	◇
PEDESTRIAN SIGNALS CROSSING ON NORTH SIDE OF COTTAGE GROVE AVE.	DW DW	FL DW DW DW FL DW	DW DW DW DW DW	FL DW DW FL DW	DW DW	DW DW DW DW DW	DW DW DW DW DW	DW DW DW DW	DW	DW	DW	◇
PEDESTRIAN SIGNALS CROSSING ON EAST SIDE OF ILL. 83	DW DW	DW DW DW DW DW	DW DW DW DW DW	DW DW DW DW	DW DW	FL DW DW FL DW	DW DW FL DW DW	FL DW DW FL DW	DW	DW	DW	◇

* TO APPEAR ONLY UPON PUSHBUTTON ACTIVATION

** FLASHING "DON'T WALK" IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN INTERVAL CLEARANCE.

Φ THIS "WALK" OR FLASHING "DON'T WALK" INTERVAL MAY FINISH TIMING IN THE BIDIRECTIONAL STRAIGHT THROUGH MOVEMENT IF THE LEFT ARROW TIME IS NOT SUFFICIENT TO COMPLETE "WALK" OR FLASHING "DON'T WALK" INTERVALS.

W = "WALK"

FL DW = FLASHING "DON'T WALK"

DW = "DON'T WALK"

◇ EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION ON PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY INTERVAL AFTER EMERGENCY VEHICLE INTERVAL 2 IS TERMINATED.

FIRE STATION PUSH BUTTON SHALL CALL EVP SEQUENCE 2, PREMPTOR 3.

TS# 11465
DOLTON

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9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

PLAN / PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, ALIGNMENT CHECKED, STRUCTURE NO. — NOTE BOOK — NO. — BY — DATE

FILE NAME =	USER NAME = fpacione	DESIGNED - EAJ	REVISED -
N:\Idot\130116\Work Order 13019 - South Cook County LED\Traffic\SEQ_IL83-Greenwood.sht	DRAWN - FPB / FCP	REVISED -	
	PLOT SCALE = 40'	CHECKED - GMZ	REVISED -
	PLOT DATE = 10/7/2013	DATE - SEPT. , 2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SEQUENCE OF OPERATION AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
IL ROUTE 83 (SIBLEY BLVD.) AT GREENWOOD ROAD

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	VARIOUS	COOK	87	48
		CONTRACT NO. 60X24		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		