PROPOSED
SEQUENCE OF OPERATION

MOVEMENT ↑ N	1 → 5	6 1	5 2	6 2	7 → 3	8 ↔ 3	7 4 →	8 4 →	FLASH
PHASE	1 + 5	1 + 6	2 + 5	2 + 6	3 + 7	3 + 8	4 + 7	4 + 8	
INTERVAL	1 2 3A 3B 3C 4	5 6 7	8 9 10	11 12 13A 13B 13C 13D	14 15 16 17	18 19 20A 20B 21	22 23 24A 24B 25	26 27 28A 28B	
CHANGE TO	/ 1+6 2+5 2+6	θ / 2+6	θ θ 2+6	/ / 3+7 3+8 4+7 4+8	/ 3+8 4+7 1+5 1+6 2+5 2+6 4+8	θ θ 1+5 1+6 2+5 2+6 4+8	θ θ 1+5 1+6 2+5 2+6 4+8	/ / 1+5 1+6 2+5 2+6	
IL 50 (CICERO AVE.) FAR RIGHT AND MID MAST ARM SIGNALS N/B	R R R R R R	R R R	G G G	G G G G Y R	R R R R	R R R R R	R R R R R	R R R R	R
IL 50 (CICERO AVE.) END MAST ARM AND FAR LEFT SIGNALS N/B	R ←G R ←Y R ←G R ←G R ←G R ←Y	R R R	G ←G G ←G G ←Y	G G G G Y R	R R R R	R R R R R	R R R R R	R R R R	R
IL. 50 (CICERO AVE.) - (NORTH OF TRACKS) ALL SIGNALS S/B	G G Y R R G	G G G	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
IL 50 (CICERO AVE.) - (SOUTH OF TRACKS) FAR RIGHT AND MID MAST ARM SIGNALS S/B	R R R R R R	G G G	R R R	G G G G Y R	R R R R	R R R R R	R R R R R	R R R R	R
IL 50 (CICERO AVE.) - (SOUTH OF TRACKS) END MAST ARM AND FAR LEFT SIGNALS S/B	R ←G R ←G R ←G R ←G R ←Y R ←Y	G ←G G ←G G ←Y	R R R	G G G G Y R	R R R R	R R R R R	R R R R R	R R R R	R
CERMAK RD. (22ND ST.) - FAR RIGHT, MID-RIGHT AND MID-LEFT MAST ARM SIGNALS E/B	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 G	G G Y R	R
CERMAK RD. (22ND ST.) END MAST ARM AND FAR LEFT SIGNALS E/B	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	R R R R R	G ←G G ←G Y R G ←Y	G G Y R	R
CERMAK RD. (22ND ST.) - FAR RIGHT, MID-RIGHT AND MID-LEFT MAST ARM SIGNALS W/B	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	R R R R R	G G Y R	R
CERMAK RD. (22ND ST.) END MAST ARM AND FAR LEFT SIGNALS W/B	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	G ←G G ←G Y R G ←Y	R R R R R	G G Y R	R
PEDESTRIAN SIGNALS CROSSING CERMAK RD. (22ND ST.) ON EAST SIDE OF IL 50 (CICERO AVE.)	DW DW DW DW DW DW	DW DW DW	* W **FL 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	D
PEDESTRIAN SIGNALS CROSSING CERMAK RD. (22ND ST.) ON WEST SIDE OF IL 50 (CICERO AVE.)	DW DW DW DW DW DW	* W **FL 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	A
PEDESTRIAN SIGNALS CROSSING IL 50 (CICERO AVE.) ON NORTH SIDE OF CERMAK RD. (22ND ST.)	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	* W **FL DW DW DW	R
PEDESTRIAN SIGNALS CROSSING IL 50 (CICERO AVE.) ON SOUTH SIDE OF CERMAK RD. (22ND ST.)	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 DW	* W **FL DW DW DW DW	* W **FL DW DW DW	K

PHASE 2+6 SHALL BE PLACED IN RECALL

* TO APPEAR ONLY UPON PUSHBUTTON ACTUATION

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

θ 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"

W = "WALK"

FL DW = FLASHING "DON'T WALK"

DW = "DON'T WALK"

PROPOSED
EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION

CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1	1			5	5					8		8		11	11					14	18			18		22				22		26			26	PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4	
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	1BB	1CC	1DD	1EE	1FF	1GG	1HH	1JJ	1KK	1LL	1MM	1NN	2	3	CLEAR TO NORMAL SEQUENCE
CHANGE TO EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	2	1C	1D	3	1F	2	1H	1J	1K	1L	3	1N	2	1Q	1R	3	2	1U	1V	1W	1X	3	2 OR 3	1AA	1BB	2	1DD	3	1FF	1GG	2	1JJ	3	1LL	1MM	2	3			
IL 50 (CICERO AVE.) FAR RIGHT AND MID MAST ARM SIGNALS N/B	R	R	R	R	R	R	R	R	R	R	R	G	G	G	Y	R	G	G	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	R	◊
IL 50 (CICERO AVE.) END MAST ARM AND FAR LEFT SIGNALS N/B	R ←Y	R ←G	R ←G	R ←Y	R	R	R	R	R	R	R	G ←G	G ←Y	G ←G	Y	R	G	G	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	R	◊
IL. 50 (CICERO AVE.) - (NORTH OF TRACKS) ALL SIGNALS S/B	G	Y	R	R	G	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	G	R	◊
IL 50 (CICERO AVE.) - (SOUTH OF TRACKS) FAR RIGHT AND MID MAST ARM SIGNALS S/B	R	R	R	R	G	G	G	G	G	Y	R	R	R	R	R	R	G	G	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	R	◊
IL 50 (CICERO AVE.) - (SOUTH OF TRACKS) END MAST ARM AND FAR LEFT SIGNALS S/B	R ←Y	R ←G	R ←G	R ←Y	G ←G	G ←Y	G ←G	G ←G	G ←G	Y	R	R	R	R	R	R	G	G	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	R	◊
CERMAK RD. (22ND ST.) - FAR RIGHT, MID-RIGHT AND MID-LEFT MAST ARM SIGNALS E/B	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	Y	R	G	G	G	Y	R	G	R	G	◊
CERMAK RD. (22ND ST.) END MAST ARM AND FAR LEFT SIGNALS E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R ←Y	R	R	R	R	R	G ←G	Y	R	G ←G	G ←Y	G	Y	R	G	R	G	◊
CERMAK RD. (22ND ST.) - FAR RIGHT, MID-RIGHT AND MID-LEFT MAST ARM SIGNALS W/B	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	R	R	R	R	R	G	Y	R	G	R	G	◊
CERMAK RD. (22ND ST.) END MAST ARM AND FAR LEFT SIGNALS W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R ←Y	G ←G	Y	R	G ←G	G ←Y	R	R	R	R	R	G	Y	R	G	R	G	◊
PEDESTRIAN SIGNALS CROSSING CERMAK RD. (22ND ST.) ON EAST SIDE OF IL 50 (CICERO AVE.)	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	FL DW	DW	FL DW	DW	DW	FL DW	FL DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	◊
PEDESTRIAN SIGNALS CROSSING CERMAK RD. (22ND ST.) ON WEST SIDE OF IL 50 (CICERO AVE.)	DW	DW	DW	DW	FL DW	DW	FL DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	FL DW	FL DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	◊
PEDESTRIAN SIGNALS CROSSING IL 50 (CICERO AVE.) ON NORTH SIDE OF CERMAK RD. (22ND ST.)	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	FL DW	DW	DW	DW	DW	DW	DW	FL DW	DW	DW	FL DW	DW	DW	◊
PEDESTRIAN SIGNALS CROSSING IL 50 (CICERO AVE.) ON SOUTH SIDE OF CERMAK RD. (22ND ST.)	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	DW	DW	FL DW	DW	DW	FL DW	DW	FL DW	DW	DW	FL DW	DW	DW	◊

◊ EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY VEHICLE INTERVAL AFTER EMERGENCY VEHICLE INTERVAL 2 OR 3 IS TERMINATED.

CHRISTOPHER B. BURKE ENGINEERING LTD.
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(847) 823-0500

N:\Idot\08004\Task G-P IL 50\Task J - IL 50 @ Cermak Rd\SEQ_prop-22nd.dgn

FILE NAME =	USER NAME = FPACIONE	DESIGNED - ABR	REVISED -
N:\Idot\08004\Task G-P IL 50\Task J - IL 50 @ Cermak Rd\SEQ_prop-22nd.dgn		DRAWN - FPB	REVISED -
	PLOT SCALE = 1'	CHECKED - MJT	REVISED -
	PLOT DATE = 12/10/2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED SEQUENCE OF OPERATION AND
PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION
IL. ROUTE 50 (CICERO AVE.) AND 22ND STREET (CERMAK ROAD)
CICERO, ILLINOIS

SCALE: 1"= 1' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	2008-080-I	COOK	76	34
		CONTRACT NO. 60F82		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		