PROPOSED
SEQUENCE OF OPERATION

MOVEMENT (N ↑)	1 ↳ 5				1 ↑ 6 ↓			5 ↑ 2 ↑			6 ↑ 2 ↑				7 ↑ 3 ↓			
PHASE	1 + 5				1 + 6			2 + 5			2 + 6				3 + 7			
INTERVAL	1	2	3	4	5	6	7	8	9	10	11	12	13A	13B	14	15	16	17
CHANGE TO	/	1+6	2+5	2+6	θ /	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
IL 50 (CICERO AVE.) FAR RIGHT AND MID MAST ARM SIGNALS N/B	R	R	R	R	R	R	R	G	G	G	G	G	Y	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 ←Y	R	R	R	G ←G	G ←G	G ←Y	G	G	Y	R	R	R	R	R
IL 50 (CICERO AVE.) - NEAR LEFT AND RIGHT, FAR RIGHT AND MID MAST ARM SIGNALS S/B	R	R	R	R	G	G	G	R	R	R	G	G	Y	R	R	R	R	R
IL 50 (CICERO AVE.) END MAST ARM AND FAR LEFT SIGNALS S/B	R ←G	R ←G	R ←Y	R ←Y	G ←G	G ←G	G ←Y	R	R	R	G	G	Y	R	R	R	R	R
16TH ST. FAR RIGHT MAST ARM SIGNAL E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
16TH 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 ←G	R ←Y	R ←G	R ←Y
16TH ST. FAR RIGHT MAST ARM SIGNAL W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
16TH 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 ←G	R ←G	R ←Y	R ←Y
PEDESTRIAN SIGNALS CROSSING 16TH ST. ON EAST SIDE OF CICERO AVE.	DW	DW	DW	DW	DW	DW	DW	* W	**FL DW	DW	* W	**FL DW	DW	DW	DW	DW	DW	DW
PEDESTRIAN SIGNALS CROSSING 16TH ST. ON WEST SIDE OF CICERO AVE.	DW	DW	DW	DW	* W	**FL DW	DW	DW	DW	DW	* W	**FL DW	DW	DW	DW	DW	DW	DW
PEDESTRIAN SIGNALS CROSSING CICERO AVE. ON NORTH SIDE OF 16TH ST.	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW
PEDESTRIAN SIGNALS CROSSING CICERO AVE. ON SOUTH SIDE OF 16TH ST.	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW

MOVEMENT (N ↑)	8 ← 3					7 ← 4				8 ← 4					FLASH
PHASE	3 + 8					4 + 7				4 + 8					
INTERVAL	18	19	20	21A	21B	22	23	24	25A	25B	26	27	28A	28B	
CHANGE TO	θ /	θ /	4+8	1+5 1+6 2+5 2+6		θ /	θ /	4+8	1+5 1+6 2+5 2+6		/	/	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	R	R	R	R	R	R
IL 50 (CICERO AVE.) END MAST ARM AND FAR LEFT SIGNALS N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL 50 (CICERO AVE.) - NEAR LEFT AND RIGHT, FAR RIGHT AND MID MAST ARM SIGNALS S/B	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 S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
16TH ST. FAR RIGHT MAST ARM SIGNAL E/B	R	R	R	R	R	G	G	G	Y	R	G	G	Y	R	R
16TH ST. END MAST ARM AND FAR LEFT SIGNALS E/B	R	R	R	R	R	G ←G	G ←G	G ←Y	Y	R	G	G	Y	R	R
16TH ST. FAR RIGHT MAST ARM SIGNAL W/B	G	G	G	Y	R	R	R	R	R	R	G	G	Y	R	R
16TH ST. END MAST ARM AND FAR LEFT SIGNALS W/B	G ←G	G ←G	G ←Y	Y	R	R	R	R	R	R	G	G	Y	R	R
PEDESTRIAN SIGNALS CROSSING 16TH ST. ON EAST SIDE OF CICERO AVE.	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	D
PEDESTRIAN SIGNALS CROSSING 16TH ST. ON WEST SIDE OF CICERO AVE.	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	A
PEDESTRIAN SIGNALS CROSSING CICERO AVE. ON NORTH SIDE OF 16TH ST.	* W	**FL DW	DW	DW	DW	DW	DW	DW	DW	DW	* W	**FL DW	DW	DW	R
PEDESTRIAN SIGNALS CROSSING CICERO AVE. ON SOUTH SIDE OF 16TH ST.	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	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	2	3	CLEAR TO NORMAL SEQUENCE
CHANGE TO EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	2 OR 3	1C	2	1E	1F	3	1H	2	1K	1L	3	2	1P	1Q	3	2 OR 3	1T	1U	2	1W	3	1Y	1Z	2	1BB	3	1DD	1EE	2	3			
IL 50 (CICERO AVE.) FAR RIGHT AND MID MAST ARM SIGNALS N/B	R	R	R	R	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	G	R	◊
IL 50 (CICERO AVE.) END MAST ARM AND FAR LEFT SIGNALS N/B	R ←Y	R	R	R	R	R	G ←G	G ←Y	G ←G	Y	R	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.) - NEAR LEFT AND RIGHT, FAR RIGHT AND MID MAST ARM SIGNALS S/B	R	G	G	G	Y	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	G	R	◊
IL 50 (CICERO AVE.) END MAST ARM AND FAR LEFT SIGNALS S/B	R ←Y	G ←G	G ←Y	G ←G	Y	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	G	R	◊
16TH ST. FAR RIGHT MAST ARM SIGNAL E/B	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	◊
16TH 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 ←Y	R	R	R	R	R	G ←G	Y	R	G ←G	G ←Y	G	Y	R	G	R	G	◊
16TH ST. FAR RIGHT MAST ARM SIGNAL W/B	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	◊
16TH 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 ←Y	G ←G	Y	R	G ←G	G ←Y	R	R	R	R	R	G	Y	R	G	R	G	◊
PEDESTRIAN SIGNALS CROSSING 16TH ST. ON EAST SIDE OF CICERO AVE.	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	◊
PEDESTRIAN SIGNALS CROSSING 16TH ST. ON WEST SIDE OF CICERO AVE.	DW	FL DW	DW	FL 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	◊
PEDESTRIAN SIGNALS CROSSING CICERO AVE. ON NORTH SIDE OF 16TH ST.	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 CICERO AVE. ON SOUTH SIDE OF 16TH ST.	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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PLAN — NOTE BOOK NO. — SURVEYED — PLOTTED — ALIGNMENT CHECKED — GRADES CHECKED — PLANS PREPARED — CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK NO. — SURVEYED — PLOTTED — GRADES CHECKED — PLANS PREPARED — STRUCTURE NOTATIONS CHKD — BY — DATE

N:\Idot\080040\Task G-P IL 50\Task H - IL 50 @ 16th St\SEQ_prop-16th.dgn

FILE NAME = N:\Idot\080040\Task G-P IL 50\Task H - IL 50 @ 16th St\SEQ_prop-16th.dgn	USER NAME = FPACIONE	DESIGNED - ABR	REVISED -
		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 16TH STREET
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	46
		CONTRACT NO. 60F82		

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT