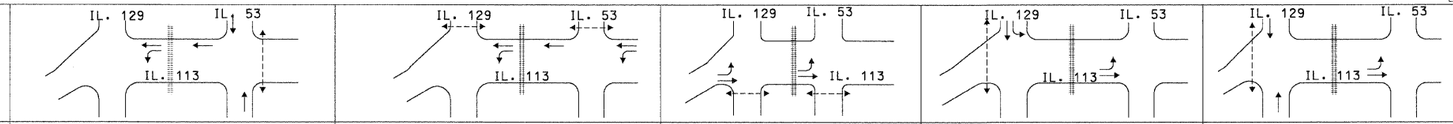
CONTRACT NO. 62910

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2320	113X-N	WILL	133	90
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SEQUENCE OF OPERATION

MOVEMENT



PHASE	1										2										3								4								5								FLASH
INTERVAL	1	2	3A	3B	4A	4B	4C	4D	4E	4F	5	6	7A	7B	8A	8B	8C	8D	8E	8F	9	10	11A	11B	11C	11D	12A	12B	13	14	15A	15B	15C	15D	16A	16B	17	18	19A	19B	19C	19D		
CHANGE TO			2		3 4 OR 5								1		3 4 OR 5								1				4 OR 5		~~0~~	~~0~~	1				5				1					
IL RTE 53 AT IL RTE 113 ALL SIGNALS N/B	G	G	Y	R	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	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 53 AT IL RTE 113 ALL SIGNALS S/B	G	G	Y	R	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	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 113 AT IL RTE 53 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	G ◄G	G ◄G	G ◄G	G ◄G	Y	R	G ◄G	G ◄G	G ◄G	G ◄G	G ◄G	G ◄G	Y	R	G ◄G	G ◄G	G ◄G	G ◄G	G ◄G	G ◄G	Y	R	R	R
IL RTE 113 AT IL RTE 53 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	G	G	G	G	Y	R	G	G	G	G	G	G	Y	R	G	G	G	G	G	G	Y	R	R	R
IL RTE 113 AT IL RTE 53 END MAST ARM AND FAR LEFT SIGNALS W/B	R	R	R	R	R	R	R	R	R	R	G ◄G	G ◄G	Y	R	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	R	R	R	R	R	R
IL RTE 113 AT IL RTE 53 FAR RIGHT MAST ARM AND NEAR RIGHT SIGNALS W/B	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	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	R	R	R	R	R
IL RTE 113 (EAST OF TRACKS) ALL SIGNALS W/B	G	G	G	G	G	G	Y	R	R	R	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	R	R	R	R	R	R	R
IL RTE 113 AT IL RTE 129 END MAST ARM AND FAR LEFT SIGNALS W/B	G ◄G	G ◄G	G ◄G	G ◄G	G ◄G	G ◄G	G ◄G	G ◄G	Y	R	G ◄G	G ◄G	G ◄G	G ◄G	G ◄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	R	R	R	R	R
IL RTE 113 AT IL RTE 129 FAR RIGHT MAST ARM SIGNAL W/B	G	G	G	G	G	G	G	G	Y	R	G	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	R	R	R	R	R
IL RTE 113 AT IL RTE 129 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	G ◄G	G ◄G	Y	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 113 AT IL RTE 129 FAR RIGHT MAST ARM AND NEAR RIGHT SIGNALS E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 129 AT IL RTE 113 ALL SIGNALS N/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	R	R	R	R	R	R	R	R	G	G	Y	R	R	R	R	R	R
IL RTE 129 AT IL RTE 113 END MAST ARM AND FAR LEFT SIGNALS S/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	◄G	◄Y	◄R	◄R	◄R	◄Y	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R
IL RTE 129 AT IL RTE 113 NEAR RIGHT, FAR MID AND RIGHT MAST ARM SIGNALS S/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	G	Y	R	R	R	G	G	G	G	Y	R	R	R	R	R
PEDESTRIAN SIGNALS CROSSING IL RTE 113 ON EAST SIDE OF IL RTE 53	*P	**FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	DARK
PEDESTRIAN SIGNALS CROSSING IL RTE 53 ON NORTH SIDE OF IL RTE 113	H	H	H	H	H	H	H	H	H	H	*P	**FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
PEDESTRIAN SIGNALS CROSSING IL RTE 53 ON SOUTH SIDE OF IL RTE 113	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	*P	**FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
PEDESTRIAN SIGNALS CROSSING IL RTE 113 ON WEST SIDE OF IL RTE 129	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	*P	**FH	H	H	H	H	H	H	*P	**FH	H	H	H	H	H	H	
PEDESTRIAN SIGNALS CROSSING IL RTE 129 ON NORTH SIDE OF IL RTE 113	H	H	H	H	H	H	H	H	H	H	*P	**FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
PEDESTRIAN SIGNALS CROSSING IL RTE 129 ON SOUTH SIDE OF IL RTE 113	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	*P	**FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	

* TO APPEAR ONLY UPON PUSHBUTTON ACTIVATION

** FLASHING "🚶" IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN INTERVAL CLEARANCE.

P = ILLUMINATED PERSON = WALK

FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK

H = ILLUMINATED SOLID HAND = DON'T WALK

~~0~~ THIS "🚶" OR FLASHING "✋" INTERVAL MAY FINISH TIMIMG IN THE BIDIRECTIONAL STRAIGHT THROUGH MOVEMENT IF THE LEFT ARROW TIME IS NOT SUFFICIENT TO COMPLETE "🚶" OR FLASHING "✋" INTERVALS. "🚶" AND FLASHING "✋" TIMINGS TO BE SET ONLY ON PHASES WHERE "🚶" AND FLASHING "✋" ARE INDICATED IN THE SEQUENCE OF OPERATION.

NORTHBOUND AND SOUTHBOUND IL ROUTE 53 SHALL BE PLACED ON RECALL

REVISIONS	
NAME	DATE

CHRISTOPHER B. BURKE ENGINEERING LTD.
9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

ILLINOIS DEPARTMENT OF TRANSPORTATION

SEQUENCE OF OPERATION

IL RTE 53 AT IL RTE 113
AND
IL RTE 129 AT IL RTE 113

SCALE N.T.S. DRAWN BY FPB/FCP

DATE 5/9/2007 CHECKED BY FN/MJT/GMZ

5/9/2007

N:\TRAFFIC\01-197\IL 113 _ IL 129 _ IL 53\3 SEQ_IL113.dgn