F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		KANE		
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SEQUENCE OF OPERATION

MOVEMENT		5 → 1				← 1, 6		2 → 5		← 6, 2 →			4 ↓ 8					FLASH
PHASE		1 + 5				1 + 6		2 + 5		2 + 6			4 + 8					
INTERVAL		1	2	3	4	5	6	7	8	9	10A	10B	11	12A	12B	12C	12D	
CHANGE TO			1+6	2+5	2+6		2+6		2+6		4+8			1+5 1+6 2+5 2+6				
U.S. ROUTE 30 NEAR AND FAR RIGHT MAST ARM SIGNALS	E/B	R	R	R	R	R	R	G	G	G	Y	R	R	R	R	R	R	R
U.S. ROUTE 30 END MAST ARM AND FAR LEFT SIGNALS	E/B	R ◄ G	R ◄ Y	R ◄ G	R ◄ Y	R	R	G ◄ G	G ◄ Y	G	Y	R	R	R	R	R	R	R
U.S. ROUTE 30 NEAR AND FAR RIGHT MAST ARM SIGNALS	W/B	R	R	R	R	G	G	R	R	G	Y	R	R	R	R	R	R	R
U.S. ROUTE 30 END MAST ARM AND FAR LEFT SIGNALS	W/B	R ◄ G	R ◄ G	R ◄ Y	R ◄ Y	G ◄ G	G ◄ Y	R	R	G	Y	R	R	R	R	R	R	R
DUGAN ROAD (SOUTH OF TRACKS) ALL SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	R
DUGAN ROAD (NORTH OF TRACKS) FAR RIGHT MAST ARM SIGNAL	N/B	R	R	R	R	R	R	R	R	R	R	R	G	G	G	Y	R	R
DUGAN ROAD (NORTH OF TRACKS) END MAST ARM AND FAR LEFT SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	G	G	G	Y	R	R
DUGAN ROAD ALL SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	R

PHASE 2+6 SHALL BE PLACED ON RECALL

RAILROAD PREEMPTION SEQUENCE OF OPERATION

													PREEMPTOR NUMBER 3		PREEMPTOR NUMBER 4		PREEMPTOR NUMBER 2			
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER		1	5		7		9		11											
CHANGE FROM EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER											2		3							
RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER		1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	2	3	4	5	CLEAR TO NORMAL SEQUENCE	
CHANGE TO RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER		2	1C	2	1E	2	1G	2	1J	2	1L	2	1N	2	3	4	5			
U.S. ROUTE 30 NEAR AND FAR RIGHT MAST ARM SIGNALS	E/B	R	R	R	Y	R	Y	R	R	R	Y	R	R	R	R	R	R	G	△	
U.S. ROUTE 30 END MAST ARM AND FAR LEFT SIGNALS	E/B	R ◄ Y	R	R	Y	R	Y	R	R	R	Y	R	R	R	R	R	R	G	△	
U.S. ROUTE 30 NEAR AND FAR RIGHT MAST ARM SIGNALS	W/B	R	Y	R	R	R	Y	R	R	R	Y	R	R	R	R	R	R	G	△	
U.S. ROUTE 30 END MAST ARM AND FAR LEFT SIGNALS	W/B	R ◄ Y	Y	R	R	R	Y	R	R	R	Y	R	R	R	R	R	R	G	△	
DUGAN ROAD (SOUTH OF TRACKS) ALL SIGNALS	N/B	R	R	R	R	R	R	R	Y	R	R	R	Y	R	R	R	R	R	△	
DUGAN ROAD (NORTH OF TRACKS) FAR RIGHT MAST ARM SIGNAL	N/B	R	R	R	R	R	R	R	G	G	R	R	G	G	G	Y	R	R	△	
DUGAN ROAD (NORTH OF TRACKS) END MAST ARM AND FAR LEFT SIGNALS	N/B	R	R	R	R	R	R	R	G	G	R	R	G	G	G ◄ G	Y	R	R	△	
DUGAN ROAD ALL SIGNALS	S/B	R	R	R	R	R	R	R	Y	R	R	R	Y	R	R	R	R	R	△	
INTERNALLY ILLUMINATED NO RIGHT TURN SIGNS		NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	△	
INTERNALLY ILLUMINATED NO LEFT TURN SIGNS		NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	△	
																		HOLD		

△ 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 5 IS TERMINATED.

EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION

																	PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4		
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER		1	5		5		7		7		9		9		11			11		
EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER		1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	2	3	CLEAR TO NORMAL SEQUENCE	
CHANGE TO EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER		2 OR 3	2	1D	3	2	1G	3	2	1K	3	1M	1N	1P	2	3				
U.S. ROUTE 30 NEAR AND FAR RIGHT MAST ARM SIGNALS	E/B	R	R	R	R	G	Y	R	G	Y	R	R	R	R	R	R	G	R	◇	
U.S. ROUTE 30 END MAST ARM AND FAR LEFT SIGNALS	E/B	R ◄ Y	R	R	R	G ◄ Y	Y	R	G	Y	R	R	R	R	R	R	G	R	◇	
U.S. ROUTE 30 NEAR AND FAR RIGHT MAST ARM SIGNALS	W/B	R	G	Y	R	R	R	R	G	Y	R	R	R	R	R	R	G	R	◇	
U.S. ROUTE 30 END MAST ARM AND FAR LEFT SIGNALS	W/B	R ◄ Y	G ◄ Y	Y	R	R	R	R	G	Y	R	R	R	R	R	R	G	R	◇	
DUGAN ROAD (SOUTH OF TRACKS) ALL SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	Y	R	R	R	G	R	G	◇	
DUGAN ROAD (NORTH OF TRACKS) FAR RIGHT MAST ARM SIGNAL	N/B	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	G	R	G	◇	
DUGAN ROAD (NORTH OF TRACKS) END MAST ARM AND FAR LEFT SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	G	R	G	◇	
DUGAN ROAD ALL SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	Y	R	R	R	G	R	G	◇	

◇ 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 INTERVAL AFTER EMERGENCY VEHICLE INTERVAL 2 OR 3 IS TERMINATED.

EXHIBIT # 2

SHEET 3 OF 8

REVISIONS	
NAME	DATE

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

ILLINOIS DEPARTMENT OF TRANSPORTAT
SEQUENCE OF OPERATION, RAILROAD
PREEMPTION SEQUENCE OF OPERATIO
AND EMERGENCY VEHICLE PREEMPTIO
SEQUENCE

SCALE N.T.S. DRAWN BY FN
DATE 5-26-2000 CHECKED BY GMZ

05/25/00

n:\TRAFSIG\00-50\US30\PermPlans\SEQ_Us30Dugan.dgn