F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2005-058-TS	LAKE	23	17
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT# 60A47

RAILROAD PREEMPTION SEQUENCE OF OPERATIONS

CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1			5		7		9		13		18		21		26		PRE EMPTOR NO.3		PRE EMPTOR NO.4		PRE EMPTOR NO.5		PRE EMPTOR NO.6		PRE EMPTOR NO.2														
CHANGE FROM EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER																		2		3		4		5																	
R.R. PREEMPT 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	2	3	4	5	6	7	8	9	10	11	CLEAR TO NORMAL SEQUENCE			
CHANGE TO RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1B	1C	2	1E	1F	2	1H	2	1K	2	1M	2	1P	2	1R	2	1T	2	1V	2	1X	2	1Z	2	1BB	2	3	4	5	6	7	8	9	10	11					
N/B U.S. RTE. 41- FAR RIGHT AND NEAR RIGHT SIGNALS	R Y>	R	R	R Y>	R	R	R	R	R	R	R	R	R	R	Y	R	Y	R	Y	R	R	R	R	R	R	R	R	R	R	G	G	G	G	G	G	G	△			
N/B U.S. RTE. 41- CENTER MAST ARM SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	Y	R	Y	R	R	R	R	R	R	R	R	R	R	G	G	G	G	G	G	G	△			
N/B U.S. RTE. 41- FAR LEFT AND FAR LEFT MAST ARM SIGNALS	<R	R	R	<R	<R	<R	<R	<R	<R	<R	<Y	<R	<R	<R	<Y	<R	<R	<R	<Y	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<G	<Y	<R	<R	△			
S/B U.S. RTE. 41- FAR RIGHT AND NEAR RIGHT SIGNALS	R Y>	R	R	R	R	R	R Y>	R	R	R	R	R	Y	R	R	R	Y	R	R	Y	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	R	G	△			
S/B U.S. RTE. 41- CENTER MAST ARM SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	R	R	Y	R	R	R	Y	R	R	R	R	R	R	R	R	G	Y	R	R	R	R	G	△			
S/B U.S. RTE. 41 FAR LEFT AND FAR LEFT MAST ARM SIGNALS	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<Y	<R	<Y	<R	<R	<R	<R	<R	<R	<R	<Y	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	△			
W/B IL. RTE. 137 (EAST OF TRACKS) NEAR LEFT AND NEAR LEFT CANTILEVER MOUNTED PRE-SIGNALS	<Y	<R	<R	<Y	<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	<R	<R	<R	<R	<R	<R	<R	△			
W/B IL. RTE. 137 (EAST OF TRACKS) NEAR RIGHT AND NEAR RIGHT CANTILEVER MOUNTED PRE-SIGNALS	R	R	R	Y	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	△			
W/B IL. RTE. 137 (WEST OF TRACKS) FAR RIGHT AND CENTER MAST ARM SIGNALS	R	R	R	G	Y	R	R	R	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	Y	R	R	R	R	R	R	R	R	△			
W/B IL. RTE. 137 (WEST OF TRACKS) FAR LEFT AND FAR LEFT MAST ARM SIGNALS	<G	<Y	<R	<G	<Y	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<G	<G	<G	<Y	<R	<R	<R	<R	<R	<R	R	<R	△			
E/B IL. RTE. 137 FAR RIGHT MAST ARM AND NEAR RIGHT SIGNALS	R	R	R	R	R	R	Y	R	Y	R	R Y>	R	R	R	R >Y	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	△			
E/B IL. RTE. 137 CENTER MAST ARM SIGNAL	R	R	R	R	R	R	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	△			
E/B IL. RTE. 137 FAR LEFT AND LEFT MAST ARM SIGNALS	<Y	<R	<R	<R	<R	<R	<Y	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<Y	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	<R	△			
N/B U.S. RTE. 41 INTERNALLY ILLUMINATED NRT SIGNS	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	△			

△ 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 10 IS TERMINATED.

⏀ RAILROAD PREEMPTION SEQUENCE SHALL CYCLE BETWEEN PHASES 4+8 AND 3+8 UNTIL RAILROAD PREEMPTION IS TERMINATED

NRT - NO RIGHT TURN

⏀ HOLD

REVISIONS	
NAME	DATE

Illinois Department of Transportation
DISTRICT 1

RAILROAD PREEMPTION SEQUENCE OF OPERATIONS

U.S. RTE. 41 & IL. RTE. 137

SCALE: NONE
DATE: 2/1/07

DRAWN BY: PRT
DESIGNED BY: RKF
CHECKED BY: JVV

05-012

14:09:58 02/08/2007