

F.A.U. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887 96-00159-00-CH	KANE	70	35
STA. TO STA.			
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT

PROPOSED SEQUENCE OF OPERATION

MOVEMENT													FLASH DARK			
PHASE	2+5				2+6				4							
INTERVAL	1	2	3A	3B	4	5	6A	6B	7	8	9A	9B		9C	9D	
CHANGE TO		2+6	4		*	**	4		*	**	2+5, 2+6					
ILL. RTE. 31 (STATE STREET) FAR LEFT & END MAST ARM SIGNALS	N/B	G _G	G _Y	Y	R	G	G	Y	R	R	R	R		R	R	R
ILL. RTE. 31 (STATE STREET) NEAR RIGHT & FAR RIGHT MAST ARM SIGNALS	N/B	G	G	Y	R	G	G	Y	R	R	R	R		R	R	R
ILL. RTE. 31 (STATE STREET) ALL SIGNALS	S/B	R	R	R	R	G	G	Y	R	R	R	R		R	R	R
WING STREET (EAST OF TRACKS) ALL SIGNALS	E/B	R	R	R	R	R	R	R	R	G	G	G		G	Y	R
WING STREET (WEST OF TRACKS) ALL SIGNALS	E/B	R	R	R	R	R	R	R	R	G	G	Y		R	R	R
PED. SIGNALS X-ING ILL. RTE. 31 (STATE ST.) ON SOUTH SIDE OF WING STREET		H	H	H	H	H	H	H	H	P	FH	H		H	H	H
PED. SIGNALS X-ING WING STREET ON WEST SIDE OF ILL. RTE. 31 (STATE ST.)		H	H	H	H	P	FH	H	H	H	H	H	H	H	H	

PHASE 2+6 SHALL BE PLACED ON RECALL

- P = ILLUMINATED PERSON = WALK
- FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK
- H = ILLUMINATED SOLID HAND = DON'T WALK
- * TO APPEAR ONLY UPON PUSHBUTTON ACTUATION
- ** FLASHING "H" IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN INTERVAL CLEARANCE.

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA WILL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION WILL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD. AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

RAILROAD PREEMPTION SEQUENCE OF OPERATION

							PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4	PREEMPTOR NUMBER 2							
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER		1		4		7										
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	2	3	4	5	
CHANGE TO RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER		1B	2	1D	2	1F	2	1H	2	1K	2	3	4	5		
ILL. RTE. 31 (STATE STREET) FAR LEFT & END MAST ARM SIGNALS	N/B	Y	R	Y	R	R	R	Y	R	R	R	R	R	R	G	△
ILL. RTE. 31 (STATE STREET) NEAR RIGHT & RIGHT MAST ARM SIGNALS	N/B	Y	R	Y	R	R	R	Y	R	R	R	R	R	R	G	△
ILL. RTE. 31 (STATE STREET) ALL SIGNALS	S/B	R	R	Y	R	R	R	Y	R	R	R	R	R	R	G	△
WING STREET (EAST OF TRACKS) ALL SIGNALS	E/B	R	R	R	R	G	G	R	R	G	G	G	Y	R	R	△
WING STREET (WEST OF TRACKS) ALL SIGNALS	E/B	R	R	R	R	Y	R	R	R	Y	R	R	R	R	R	△
PED. SIGNALS X-ING ILL. RTE. 31 (STATE ST.) ON SOUTH SIDE OF WING STREET		H	H	H	H	FH	H	H	H	H	H	H	H	H	H	△
PED. SIGNALS X-ING WING STREET ON WEST SIDE OF ILL. RTE. 31 (STATE ST.)		H	H	FH	H	H	H	H	H	H	H	H	H	H	H	△
ILL. RTE. 31 INTERNALLY ILLUMINATED NO LEFT TURN SIGNS	N/B	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	NLT	△
ILL. RTE. 31 INTERNALLY ILLUMINATED NO RIGHT TURN SIGNS	S/B	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	NRT	△

- NRT = "NO RIGHT TURN" OR
- NLT = "NO LEFT TURN" OR

△ = 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 INTERVAL 5 IS TERMINATED.

NOTE: THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

HOLD

RHA&A
 Robert H. Anderson & Associates, Inc.
 Consulting Engineers
 Timbers Professional Center
 220 West River Drive, St. Charles, IL 60174
 Phone - 630.584.3530 Fax - 630.584.3047

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 31 AND WING STREET

PROPOSED SEQUENCE OF OPERATION
 RAILROAD PREEMPTION SEQUENCE OF OPERATION

SCALE: VERT. NONE
 HORIZ. NONE
 DATE: FEBRUARY 13, 2008

DRAWN BY: CMC
 DESIGN BY: CMC
 CHECKED BY: JS