CONTRACT NO. 83904

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2638	00-00139-00-RS	DUPAGE	68	68
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PROJECT NO.: M-8003(663)

PROPOSED SEQUENCE OF OPERATION

MOVEMENT (NA 4 9 A R)	5 → 1	6 ← 1	5 2 →	2 → 6	7 → 3	3 8	4 7	4 8	FLASH
PHASE	1 + 5	1 + 6	2 + 5	2 + 6	3 + 7	3 + 8	4 + 7	4 + 8	
INTERVAL	1 2 3 4	5 6 7	8 9 10	11 12 13A 13B	14 15 16 17	18 19 20A 20B 21	22 23 24A 24B 25	26 27 28A 28B	
CHANGE TO	1+6 2+5 2+6	Φ Φ 2+6	Φ Φ 2+6	3+7 3+8 4+7 4+8	1+5 1+6 2+5 2+6 4+8 3+8 4+7	Φ Φ 1+5 1+6 2+5 2+6 4+8	Φ Φ 1+5 1+6 2+5 2+6 4+8	1+5 1+6 2+5 2+6	
MAIN STREET E/B END MAST ARM AND FAR LEFT SIGNALS	R G R Y R Y	R R R	G G G Y	G G Y R	R R R R	R R R R R	R R R R R	R R R R	R
MAIN STREET E/B FAR RIGHT SIGNAL	R R R R	R R R	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
MAIN STREET W/B END MAST ARM AND FAR LEFT SIGNALS	R G R G R Y	G G G Y	R R R	G G Y R	R R R R	R R R R R	R R R R R	R R R R	R
MAIN STREET W/B FAR RIGHT SIGNAL	R R R R	G G G	R R R	G G Y R	R R R R	R R R R R	R R R R R	R R R R	R
CROSS STREET S/B END MAST ARM AND FAR LEFT SIGNALS	R R R R	R R R	R R R	R R R R	R G R Y R G	R R R R R	G G Y R G Y	G G Y R	R
CROSS STREET S/B FAR RIGHT SIGNAL	R R R R	R R R	R R R	R R R R	R R R G	R R R R R	G G Y R G	G G Y R	R
CROSS STREET N/B END MAST ARM AND FAR LEFT SIGNALS	R R R R	R R R	R R R	R R R R	R G R Y R G	G G Y R G Y	R R R R R	G G Y R	R
CROSS STREET N/B FAR RIGHT SIGNAL	R R R R	R R R	R R R	R R R R	R R R G	R R G Y R	R R R R R	G G Y R	R
PEDESTRIAN SIGNALS CROSSING CROSS STREET ON NORTHSIDE OF MAIN STREET	H H H H	•P ••FH 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	D
PEDESTRIAN SIGNALS CROSSING CROSS STREET ON SOUTHSIDE OF MAIN STREET	H H H H	H H H	•P ••FH H	•P ••FH H H	H H H H	H H H H H	H H H H H	H H H H	A
PEDESTRIAN SIGNALS CROSSING MAIN STREET ON EASTSIDE OF CROSS STREET	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	•P ••FH H H	R
PEDESTRIAN SIGNALS CROSSING MAIN STREET ON WESTSIDE OF CROSS STREET	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	•P ••FH H H	K

* TO APPEAR ONLY UPON PUSHBUTTON ACTIVATION

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

Φ THIS "🚶" OR FLASHING "🚶" INTERVAL MAY FINISH TIMING 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.

P = ILLUMINATED PERSON = WALK
FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK
H = ILLUMINATED SOLID HAND = DON'T WALK

PHASE 2+6 SHALL BE PLACED ON RECALL.

NLT = "NO LEFT TURN" OR 🚫

NRT = "NO RIGHT TURN" OR 🚫

PROPOSED RAILROAD PREEMPTION SEQUENCE OF OPERATION

														PREEMPTOR NUMBER 3		PREEMPTOR NUMBER 4		PREEMPTOR NUMBER 2				
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1	5		8		11		14	18		22	26										
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	1P	1Q	1R	1S	2	3	4	5	CLEAR TO NORMAL SEQUENCE
CHANGE TO RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	2	1C	2	1E	2	1G	2	2	1K	2	2	1N	2	1Q	2	1S	2	3	4	5		
MAIN STREET E/B END MAST ARM AND FAR LEFT SIGNALS	R Y	Y	R	R	R	Y	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	△
MAIN STREET E/B FAR RIGHT SIGNAL	R	Y	R	R	R	Y	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	△
MAIN STREET W/B END MAST ARM AND FAR LEFT SIGNALS	R Y	R	R	Y	R	Y	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	G G	△
MAIN STREET W/B FAR RIGHT SIGNAL	R	R	R	Y	R	Y	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	G	△
CROSS STREET S/B END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R	R	R	R G	R	R	G G	G	G	R	R	G	G	G G	Y	R	R	△
CROSS STREET S/B FAR RIGHT SIGNAL	R	R	R	R	R	R	R	R	R	R	G	G	G	R	R	G	G	G	Y	R	R	△
CROSS STREET N/B END MAST ARM AND FAR LEFT SIGNALS	R	R	R	R	R	R	R	R Y	Y	R	R	Y	R	R	R	Y	R	R	R	R	R	△
CROSS STREET N/B FAR RIGHT SIGNAL	R	R	R	R	R	R	R	R	Y	R	R	Y	R	R	R	Y	R	R	R	R	R	△
PEDESTRIAN SIGNALS CROSSING CROSS STREET ON NORTHSIDE OF MAIN STREET	H	FH	H	H	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	△
PEDESTRIAN SIGNALS CROSSING CROSS STREET ON SOUTHSIDE OF MAIN STREET	H	H	H	FH	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	△
PEDESTRIAN SIGNALS CROSSING MAIN STREET ON EASTSIDE OF CROSS STREET	H	H	H	H	H	H	H	H	FH	H	H	FH	H	H	H	H	H	H	H	H	H	△
PEDESTRIAN SIGNALS CROSSING MAIN STREET ON WESTSIDE OF CROSS STREET	H	H	H	H	H	H	H	H	H	H	FH	FH	H	H	H	H	H	H	H	H	H	△
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	△
INTERNALLY ILLUMINATED NLT SIGNS	NLT	NLT	NLT	NLT	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.

PLOT DATE = 2/15/2006
FILE NAME = s:\dot\standard\ts08.dgn
PLOT SCALE = 50.4889 '/ IN.
USER NAME = gmgilsrobt

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SEQUENCE OF OPERATION AND RAILROAD PREEMPTION SEQUENCE OF OPERATION MAIN STREET AND CROSS STREET

SCALE: NONE
DATE: 2/15/2006
DRAWN BY CADD
CHECKED BY

TS08 (2 OF 2)

REVISION DATE: