

PROPOSED
RAILROAD PREEMPTION
SEQUENCE OF OPERATIONS

	1				5				8				12				RAILROAD PREEMPTOR NO. 2						CLEAR TO NORMAL SEQUENCE		
	1A	1B	1C	1D	5A	5B	5C	5D	8A	8B	8C	8D	12A	12B	12C	12D	2A	2B	2C	2A	2B	2C			
FROM NORMAL INTERVAL																									
FIRE/EMERGENCY VEHICLE PREEMPTION INTERVAL																									
RAILROAD INTERVAL																									
CHANGE TO	1B	2A	1D	2A	1E	2A	1H	2A	1K	2A	1M	2A	1P	2A	NORMAL 4+R										
NORTHBOUND WILLIAMS STREET - NEAR RIGHT, MAST ARM, AND FAR LEFT SIGNALS	R	R	Y	R	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	G	Y	R	Δ	
SOUTHBOUND WILLIAMS STREET - NEAR RIGHT SIGNAL	Y	R	Y	R	R	R	R	R	Y	R	Y	R	R	R	R	R	R	R	R	R	G	Y	R	Δ	
SOUTHBOUND WILLIAMS STREET - MAST ARM, FAR LEFT SIGNAL	Y	R	Y	R	R	R	R	R	Y	R	Y	R	R	R	R	R	R	R	R	R	G	Y	R	Δ	
EASTBOUND MARGARET STREET - NEAR RIGHT SIGNAL	R	R	R	R	Y	R	Y	R	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	Δ	
EASTBOUND MARGARET STREET - MAST ARM, FAR LEFT SIGNALS	R	R	R	R	Y	R	Y	R	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	Δ	
WESTBOUND MARGARET STREET - NEAR RIGHT, MAST ARM, FRONT LEFT SIGNALS	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Δ	
PEDESTRIAN CROSSING MARGARET STREET - EAST SIDE OF WILLIAMS STREET	DW	DW			** DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	Δ	
PEDESTRIAN CROSSING MARGARET STREET - WEST SIDE OF WILLIAMS STREET	** DW				** DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	Δ	
PEDESTRIAN CROSSING WILLIAMS STREET - SOUTH SIDE OF MARGARET STREET	DW	DW	DW	DW					** DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	Δ	
PEDESTRIAN CROSSING WILLIAMS STREET - NORTH SIDE OF MARGARET STREET	DW	DW	DW	DW	DW	DW	DW	DW	** DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	Δ	
																					HOLD				

F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00146-00-TL	COOK	100	023
STA.	TO STA.			
FILE NO. AND PROJECT NO.	ALWAYS	FILE NO. PROJECT		

CONTRACT NO. _____

PROPOSED
EMERGENCY VEHICLE PREEMPTION
SEQUENCE OF OPERATIONS

	1				5				8				12				FIRE PREEMPTOR NO. 3	FIRE PREEMPTOR NO. 4	FIRE PREEMPTOR NO. 5	CLEAR TO NORMAL SEQUENCE	
	1A	1B	1C	1D	5A	5B	5C	5D	8A	8B	8C	8D	12A	12B	12C	12D	3	4	5		
FROM NORMAL INTERVAL																					
RAILROAD INTERVAL																					
EMERGENCY VEHICLE PREEMPTION INTERVAL																					
CHANGE TO	3	1C	4	1E	5	1H	1I	3 OR 5	4	1M	1N	3 OR 4	1Q	5	1S	1T	3 OR 4	5			
NORTHBOUND WILLIAMS STREET - NEAR RIGHT, MAST ARM, AND FAR LEFT SIGNALS	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	Δ
SOUTHBOUND WILLIAMS STREET - NEAR RIGHT SIGNAL	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	Δ
SOUTHBOUND WILLIAMS STREET - MAST ARM, FAR LEFT SIGNAL	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	Δ
EASTBOUND MARGARET STREET - NEAR RIGHT SIGNAL	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Δ
EASTBOUND MARGARET STREET - MAST ARM, FAR LEFT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Δ
WESTBOUND MARGARET STREET - NEAR RIGHT, MAST ARM, FRONT LEFT SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Δ
PEDESTRIAN CROSSING MARGARET STREET - EAST SIDE OF WILLIAMS STREET	DW	DW	DW	DW	DW	DW	DW	** DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	Δ
PEDESTRIAN CROSSING MARGARET STREET - WEST SIDE OF WILLIAMS STREET	** DW	** DW	DW	** DW	DW	DW	DW	** DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	Δ
PEDESTRIAN CROSSING WILLIAMS STREET - SOUTH SIDE OF MARGARET STREET	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	Δ
PEDESTRIAN CROSSING WILLIAMS STREET - NORTH SIDE OF MARGARET STREET	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	Δ

- NOTE**
- * - "WALK" SHALL APPEAR ONLY UPON PUSHBUTTON ACTIVATION.
 - ** - FLASHING "DON'T WALK" SHALL TERMINATE AT THE COMPLETION OF THE PEDESTRIAN CLEARANCE INTERVAL.
 - *** - FLASHING "DON'T WALK" SHALL TERMINATE AT THE COMPLETION OF THE PEDESTRIAN CLEARANCE INTERVAL, PRIOR TO THE DISPLAY OF YELLOW PHASES.
 - IF RAILROAD PREEMPTION OCCURS DURING A "WALK" INTERVAL, THE WALK INTERVAL SHALL CLEAR WITH RESPECT TO THE NORMAL SEQUENCE.
 - IF FIRE OR EMERGENCY VEHICLE PREEMPTION OCCURS DURING A "WALK" INTERVAL, THE WALK INTERVAL SHALL CLEAR WITH RESPECT TO THE NORMAL SEQUENCE.
- ◇ EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE PROPER CLEARANCE TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY VEHICLE INTERVAL AFTER FIRE PREEMPTION (IF APPLICABLE) OR EMERGENCY VEHICLE INTERVALS 3, 4, OR 5 IS TERMINATED.
 - ◇ RAILROAD PREEMPTION SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO DISPLAY A FIRE PREEMPTION OR EMERGENCY VEHICLE INTERVAL (IF APPLICABLE) AFTER RAILROAD PREEMPTION INTERVAL 2 IS TERMINATED.

NOTE
* 1. THIS PLAN IS FOR THE PURPOSE OF INSTALLING EMERGENCY VEHICLE PREEMPTION EQUIPMENT AS SHOWN PER PLAN INDICATED IN THE SCHEDULE OF QUANTITIES. ALL OTHER EQUIPMENT SHOWN SHALL BE DISREGARDED.

**VILLAGE OF THORNTON
LOCATION NO. 94**

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PROPOSED EMERGENCY VEHICLE PREEMPTION
SEQUENCE OF OPERATIONS
WILLIAMS STREET & MARGARET STREET**

* PLANS MODIFIED BY ROBINSON ENGINEERING, LTD		DRAWN BY	
REVISIONS	NAME	DATE	CHECKED BY
* ADDED BY PREEMPTION		11/20/07	

SCALE: VERT. _____
HORIZ. _____

DATE _____

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