

CONTRACT NO. 63003

RAILROAD PREEMPTION SEQUENCE OF OPERATION

	PREEMPTOR NUMBER 3		PREEMPTOR NUMBER 4		PREEMPTOR NUMBER 2															
CHANGE FROM EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1	4	7	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	1I	1J	1K	2	3	4	5					CLEAR TO NORMAL SEQUENCE
CHANGE TO RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1B	2	1D	2	1F	2	1H	2	1H	2	1K	2	3	4	5	△				
WILLIAMS STREET ALL SIGNALS	N/B	R	R	Y	R	R	R	R	R	Y	R	R	R	R	R	G				△
WILLIAMS STREET END MAST ARM AND FAR LEFT SIGNALS	S/B	Y	R	Y	R	R	R	R	R	Y	R	R	R	R	R	G				△
WILLIAMS STREET NEAR RIGHT SIGNAL	S/B	Y	R	Y	R	R	R	R	R	Y	R	R	R	R	R	G				△
MARGARET STREET END MAST ARM AND FAR LEFT SIGNALS	E/B	R	R	R	R	Y	R	Y	R	R	Y	R	R	R	R					△
MARGARET STREET NEAR RIGHT SIGNAL	E/B	R	R	R	R	Y	R	Y	R	R	Y	R	R	R	R					△
MARGARET STREET END MAST ARM AND FAR LEFT SIGNALS	W/B	R	R	R	R	R	R	G	G	R	R	G	G	←G	Y	R	R			△
MARGARET STREET NEAR RIGHT SIGNAL	W/B	R	R	R	R	R	R	G	G	R	R	G	G	←G	Y	R	R			△
PEDESTRIAN SIGNALS CROSSING MARGARET ST. ON EAST SIDE OF WILLIAMS ST.	DW	DW	FL DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	△
PEDESTRIAN SIGNALS CROSSING MARGARET ST. ON WEST SIDE OF WILLIAMS ST.	FL DW	DW	FL DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	△
PEDESTRIAN SIGNALS CROSSING WILLIAMS ST. ON NORTH SIDE OF MARGARET ST.	DW	DW	DW	DW	DW	DW	FL DW	DW	DW	DW	DW	DW	DW	DW	FL DW	FL DW	DW	DW	FL DW	△
PEDESTRIAN SIGNALS CROSSING WILLIAMS ST. ON SOUTH SIDE OF MARGARET ST.	DW	DW	DW	DW	FL DW	DW	FL DW	DW	DW	DW	DW	DW	DW	DW	FL DW	FL DW	DW	DW	FL DW	△

- △ 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
- ⊙ RAILROAD PREEMPTION SEQUENCE SHALL CYCLE BETWEEN PHASES 2+6 AND 4+6 UNTIL RAILROAD PREEMPTION IS TERMINATED

HOLD

EMERGENCY VEHICLE PREEMPTION SEQUENCE OF SEPERATION

	PREEMPTOR NUMBER 3		PREEMPTOR NUMBER 4																	
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1	4	7	11																
EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1H	1J	1K	1L	2	3	CLEAR TO NORMAL SEQUENCE
RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1B	2	1D	1E	3	2	1H	1J	3	1L	1M	2	3	1J	1K	2	3			
WILLIAMS STREET ALL SIGNALS	N/B	R	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	G	R	◇
WILLIAMS STREET END MAST ARM AND FAR LEFT SIGNALS	S/B	G ←G	←Y	←G	Y	R	G	G	Y	R	R	R	R	R	R	R	R	G	R	◇
WILLIAMS STREET NEAR RIGHT SIGNAL	S/B	G	G	G	Y	R	G	G	Y	R	R	R	R	R	R	R	R	G	R	◇
MARGARET STREET END MAST ARM AND FAR LEFT SIGNALS	E/B	R	R	R	R	R	R	R	R	R	←G	Y	R	←G	G	Y	R	G	R	◇
MARGARET STREET NEAR RIGHT SIGNAL	E/B	R	R	R	R	R	R	R	R	R	G	Y	R	G	G	Y	R	G	R	◇
MARGARET STREET END MAST ARM AND FAR LEFT SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	G	◇
MARGARET STREET NEAR RIGHT SIGNAL	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	G	◇
PEDESTRIAN SIGNALS CROSSING MARGARET ST. ON EAST SIDE OF WILLIAMS ST.	DW	DW	DW	DW	FL DW	FL DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	◇
PEDESTRIAN SIGNALS CROSSING MARGARET ST. ON WEST SIDE OF WILLIAMS ST.	FL DW	DW	FL DW	DW	DW	DW	FL DW	FL DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	◇
PEDESTRIAN SIGNALS CROSSING WILLIAMS ST. ON NORTH SIDE OF MARGARET ST.	DW	DW	DW	DW	FL DW	FL DW	DW	DW	DW	DW	FL DW	FL DW	DW	DW	FL DW	FL DW	DW	DW	FL DW	◇
PEDESTRIAN SIGNALS CROSSING WILLIAMS ST. ON SOUTH SIDE OF MARGARET ST.	DW	DW	DW	DW	FL DW	FL DW	DW	DW	DW	DW	FL DW	FL DW	DW	DW	FL DW	FL DW	DW	DW	FL DW	◇

- ◇ EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION ON PROPOER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY INTERVAL AFTER EMERGENCY VEHICLE 2 IS TERMINATED.

FIRE STATION PUSH BUTTON SHALL CALL EVP SEQUENCE 2, PREMPTOR 3.

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. 125

* PLANS MODIFIED BY ROBINSON ENGINEERING, LTD		ILLINOIS DEPARTMENT OF TRANSPORTATION																	
<table border="1"> <thead> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <th>NAME</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>* ADDED EV PREEMPTION</td> <td>01/02/08</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </tbody> </table>		REVISIONS		NAME	DATE	* ADDED EV PREEMPTION	01/02/08											PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATIONS WILLIAMS STREET & MARGARET STREET	
REVISIONS																			
NAME	DATE																		
* ADDED EV PREEMPTION	01/02/08																		
SCALE: VERT. HORIZ.	DATE	DRAWN BY	CHECKED BY																