

CONTRACT NO. 63003

SEQUENCE OF OPERATION

MOVEMENT	1 + 6			2 + 6				4 + 8					
	1	2	3	4	5	6A	6B	7	8	9A	9B		
CHANGE TO	⊖	⊖		2+6				4+8				1+6 2+6	
WILLIAMS STREET ALL SIGNALS	N/B	R	R	R	G	G	Y	R	R	R	R	R	R
WILLIAMS STREET END MAST ARM AND FAR LEFT SIGNALS	S/B	G	G	G	G	G	Y	R	R	R	R	R	R
WILLIAMS STREET NEAR RIGHT SIGNAL	S/B	G	G	G	G	G	Y	R	R	R	R	R	R
ELEANOR STREET ALL SIGNALS	E/B	R	R	R	R	R	R	R	G	G	Y	R	R
ELEANOR STREET END MAST ARM AND FAR LEFT SIGNALS	W/B	R	R	R	R	R	R	R	G	G	Y	R	R
ELEANOR STREET NEAR RIGHT SIGNAL	W/B	R	R	R	R	R	R	R	G	G	Y	R	R
PEDESTRIAN SIGNALS CROSSING ELEANOR ST. ON EAST SIDE OF WILLIAMS ST.		DW	DW	DW	*W	**FL DW	DW	DW	DW	DW	DW	DW	DW
PEDESTRIAN SIGNALS CROSSING ELEANOR ST. ON WEST SIDE OF WILLIAMS ST.		*W	**FL DW	DW	*W	**FL DW	DW	DW	DW	DW	DW	DW	DW
PEDESTRIAN SIGNALS CROSSING WILLIAMS ST. ON NORTH SIDE OF ELEANOR ST.		DW	DW	DW	DW	DW	DW	DW	DW	**FL DW	DW	DW	DW
PEDESTRIAN SIGNALS CROSSING WILLIAMS ST. ON SOUTH SIDE OF ELEANOR ST.		DW	DW	DW	DW	DW	DW	DW	DW	**FL DW	DW	DW	DW

* TO APPEAR ONLY UPON PUSHBUTTON ACTIVATION

** FLASHING "DON'T WALK" IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN INTERVAL CLEARANCE.

⊖ THIS "WALK" OR FLASHING "DON'T WALK" INTERVAL MAY FINISH TIMING IN THE BIDIRECTIONAL STRAIGHT THROUGH MOVEMENT IF THE LEFT ARROW TIME IS NOT SUFFICIENT TO COMPLETE "WALK" OR FLASHING "DON'T WALK" INTERVALS.

W = "WALK"

FL = FLASHING "DON'T WALK"

DW = "DON'T WALK"

PHASE 2+6 SHALL BE PLACED ON RECALL

RAILROAD PREEMPTION SEQUENCE OF OPERATION

	PREEMPTOR NUMBER 3										PREEMPTOR NUMBER 2									
CHANGE FROM EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1										2									
RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	1I	1J	2	3	4	5	6	7	8	9	10	11
WILLIAMS STREET ALL SIGNALS	N/B	R	R	Y	R	R	R	Y	R	R	R	R	G	Δ						
WILLIAMS STREET END MAST ARM AND FAR LEFT SIGNALS	S/B	R	Y	R	R	R	R	R	R	R	R	R	G	Δ						
WILLIAMS STREET NEAR RIGHT SIGNAL	S/B	Y	R	R	R	R	R	R	R	R	R	R	G	Δ						
ELEANOR STREET ALL SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	Δ						
ELEANOR STREET END MAST ARM AND FAR LEFT SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R	Δ						
ELEANOR STREET NEAR RIGHT SIGNAL	W/B	R	R	R	R	R	R	R	R	R	R	R	R	Δ						
PEDESTRIAN SIGNALS CROSSING ELEANOR ST. ON EAST SIDE OF WILLIAMS ST.		DW	DW	FL DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	Δ						
PEDESTRIAN SIGNALS CROSSING ELEANOR ST. ON WEST SIDE OF WILLIAMS ST.		FL DW	DW	FL DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	Δ						
PEDESTRIAN SIGNALS CROSSING WILLIAMS ST. ON NORTH SIDE OF ELEANOR ST.		DW	DW	DW	DW	FL DW	DW	DW	DW	DW	DW	DW	DW	Δ						
PEDESTRIAN SIGNALS CROSSING WILLIAMS ST. ON SOUTH SIDE OF ELEANOR ST.		DW	DW	DW	DW	FL DW	DW	DW	DW	DW	DW	DW	DW	Δ						

Δ 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

EMERGENCY VEHICLE PREEMPTION SEQUENCE OF SEPERATION

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

Δ EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION ON PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY INTERVAL AFTER EMERGENCY VEHICLE 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. 126

* PLANS MODIFIED BY
ROBINSON ENGINEERING, LTD

REVISIONS	
NAME	DATE
* ADDED EV PREEMPTION	01/02/08

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATIONS
WILLIAM STREET AND ELEANOR STREET

SCALE: VERT. _____
HORIZ. _____

DATE _____ DRAWN BY MRS
CHECKED BY PB