

F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00148-00-IL	COOK	100	027
STA.	TO STA.			
FED. ROAD DIST. NO.	UNNOI	FED. AID PROJECT		

CONTRACT NO. _____

**PROPOSED
RAILROAD PREEMPTION
SEQUENCE OF OPERATIONS**

	RAILROAD PREEMPTOR NO. 2															CLEAR TO NORMAL SEQUENCE			
	FIRE PREEMPTOR NO. 3					EVP PREEMPTOR NO. 4					EVP PREEMPTOR NO. 5								
FROM NORMAL INTERVAL																			
RAILROAD INTERVAL	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	2A	2B	2C	2A	2B	2C	
CHANGE TO	1B	2A	1D	2A	1F	2A	1H	2A	1K	2A	1M	2A			3A	NORMAL 4+5			
NORTHBOUND WILLIAMS STREET - NEAR RIGHT, MAST ARM, AND FAR LEFT SIGNALS	R	R	Y	R	R	R	Y	R	Y	R	R	R	R	R	R	G	Y	R	Δ
SOUTHBOUND WILLIAMS STREET - NEAR RIGHT SIGNAL	Y	R	Y	R	R	R	Y	R	Y	R	R	R	R	R	R	G	Y	R	Δ
SOUTHBOUND WILLIAMS STREET - MAST ARM, FAR LEFT SIGNAL	Y	R	Y	R	R	R	Y	R	Y	R	R	R	R	R	R	G	Y	R	Δ
EASTBOUND ELEANOR STREET - NEAR RIGHT, FAR RIGHT, FAR LEFT SIGNALS	R	R	R	R	Y	R	R	R	R	Y	R	R	R	R	R	R	R	R	Δ
WESTBOUND ELEANOR STREET - NEAR RIGHT, MAST ARM, FAR LEFT SIGNALS	R	R	R	R	Y	R	R	R	R	Y	R	R	R	R	R	R	R	R	Δ
PEDESTRIAN CROSSING ELEANOR STREET - EAST SIDE OF WILLIAMS STREET	DW	DW	**DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	Δ
PEDESTRIAN CROSSING ELEANOR STREET - WEST SIDE OF WILLIAMS STREET	**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 ELEANOR STREET	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 ELEANOR STREET	DW	DW	DW	DW	**DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	Δ
																			HOLD

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.

**PROPOSED
EMERGENCY VEHICLE PREEMPTION
SEQUENCE OF OPERATIONS**

	RAILROAD PREEMPTOR NO. 2															CLEAR TO NORMAL SEQUENCE				
	FIRE PREEMPTOR NO. 3					EVP PREEMPTOR NO. 4					EVP PREEMPTOR NO. 5									
FROM NORMAL INTERVAL																				
RAILROAD INTERVAL	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1H	2A	2B	2C	2A	2B	2C	
CHANGE TO	1B	1C	3 OR 5	1E	5	1G	1H	3 OR 5	4	1L	1M	3 OR 4	5							
NORTHBOUND WILLIAMS STREET - NEAR RIGHT, MAST ARM, AND FAR LEFT SIGNALS	R	R	R	R	R	Y	R	Y	R	Y	R	R	R	R	R	R	G	Y	R	Δ
SOUTHBOUND WILLIAMS STREET - NEAR RIGHT SIGNAL	G	Y	R	G	G	G	Y	R	G	R	R	R	R	R	R	R	G	Y	R	Δ
SOUTHBOUND WILLIAMS STREET - MAST ARM, FAR LEFT SIGNAL	G	Y	R	G	G	G	Y	R	G	R	R	R	R	R	R	R	G	Y	R	Δ
EASTBOUND ELEANOR STREET - NEAR RIGHT, FAR RIGHT, FAR LEFT SIGNALS	R	R	R	R	R	R	R	R	R	R	G	Y	R	G	R	R	R	R	R	Δ
WESTBOUND ELEANOR STREET - NEAR RIGHT, MAST ARM, FAR LEFT SIGNALS	R	R	R	R	R	R	R	R	R	R	G	Y	R	G	R	R	R	R	R	Δ
PEDESTRIAN CROSSING ELEANOR 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	Δ
PEDESTRIAN CROSSING ELEANOR 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	Δ
PEDESTRIAN CROSSING WILLIAMS STREET - SOUTH SIDE OF ELEANOR 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 ELEANOR STREET	DW	DW	DW	DW	DW	DW	DW	DW	DW	**DW	DW	DW	**DW	DW	DW	DW	DW	DW	DW	Δ

NOTE

- * 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. 95

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

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