F. A. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO 264			
	0800146	00-TL	COOK	273				
STA.			TO STA.					
PED. I	ROAD DIST. NO.	ILLINO	S FED, AID PR	ROJECT				

CONTRACT NO. 63003

## SEQUENCE OF OPERATION

MOVEMENT			6 1	<b>→</b>		6	↑ <b>†</b>		<b>4</b> 8 <b>4</b>				F
PHASE			+ 6	ŝ		2 -	+ 6			⊦ 8	,		
INTERVAL		1	2	3	4	5	6A	6B	7	8	9A	9B	A
CHANGE TO		θ/	θ	2+6		/	4+8				1+6 2+6		S H
WILLIAMS STREET ALL SIGNALS	N/B	R	R	R	G	G	Υ	R	R	R	R	R	R
WILLIAMS STREET END MAST ARM AND FAR LEFT SIGNALS	S/B	G <b>→</b> G	G <b>G</b>	G Y	G.	G	Υ	R	R	R	R	R	R
WILLIAMS STREET NEAR RIGHT SIGNAL	S/B	G	G	G	G	G	Υ	R	R	R	R	R	R
ELEANOR STREET ALL SIGNALS	E/B	R	R	R	R	R	R	R	G	G	Υ	R	R
ELEANOR STREET END MAST ARM AND FAR LEFT SIGNALS	W/B	R	R	R	R	R	R	R	G	G	Υ	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	D₩	DW	DW	DW	DW	DW	D
PEDESTRIAN SIGNALS CROSSING ELEANOR ST. ON WEST SIDE OF WILLIAMS ST.		*W	**FL DW	DW	*W	**FL DW	DW	DW	DW	DW	DW	DW	Α
PEDESTRIAN SIGNALS CROSSING WILLIAMS ST. ON NORTH SIDE OF ELEANOR ST.		DW	DW	DW	D₩	DW	DW	DW	DW	**FL DW	DW	DW	R
PEDESTRIAN SIGNALS CROSSING WILLIAMS ST. ON SOUTH SIDE OF ELEANOR ST.		DW	DW	DW	DW	DW	DW	DW	DW	**FL DW	DW	DW	ĸ

- \* TO APPEAR ONLY UPON PUSHBUTTON ACTIVATION
- \*\* FLASHING "DON'T WALK" IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN INTERVAL CLEARANCE.
- O THIS "WALK" OR FLASHING "DON'T WALK" INTERVAL MAY FINISH TIMING IN THE BIDIRECTIONAL STRAIGHT THROUGH MOVEMENT IF THE LEFT AROW 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 FLACED ON RECALL

## RAILROAD PREEMPTION SEQUENCE OF OPERATION

							PREEL		PREEMPTOR NUMBER 2				
FROM EMERGENCY VEHICLE PREEMPTION SECOND OF OPERATION INTERVAL NUMBER	1		4		7								
CHANGE FR. SERGENCY VEHICLE PREEMPTION SEQUENCE OF SON INTERVAL NUMBER								2					
RAILROAD PREEMPTION SENCE OF OPERATION INTERVAL NUMBER OF	1A	1B	1C	1D	1E	1F	1G	1H	2	3	4	5	10
CHANGE TO RAILROAD PREEMPT. SEQUENCE OF OPERATION INTERVA. INTERVA.	1B	2	1D	2	1F	2	1H	2	3	4		ك	NORMAL SEQUENCE
WILLIAMS STREET ALL SIGNALS	R	R	Υ	R	R	R	Υ	R	R		R	G	Δ
WILLIAMS STREET SY END MAST ARM AND FAR LEFT SIGNALS		R	Υ	R	R	R	R	R	-	R	R	G	Δ
WILLIAMS STREET S/B NEAR RIGHT SIGNAL	Y	1	×	R	R	R	1	R	R	R	R	Ģ	Δ
ELEANOR STREET E/B ALL SIGNALS	R	R	R			R	R	R	R	R	R	R	Δ
ELEANOR STREET W/B END MAST ARM AND FAR LEFT SIGNALS	R	R		1	b		R	R	G <b>→</b> G	Y	R	R	Δ
ELEANOR STREET W/B NEAR RIGHT SIGNAL	B		R	R	G	G	1	R	G	Υ	R	R	Δ
PEDESTRIAN SIGNALS CROSSING ELEANOR ST. ON EAST SIDE OF WILLIAMS ST.	DW	DW	FL DW	DW	DW	DW	DW	DV	-W	DW	DW	DW	Δ
PEDESTRIAN SIGNALS CROSSING ELEAN	FL DW	DW	FL DW	DW	DW	DW	DW	DW	DW	W	DW	DW	Δ
PEDESTRIAN SIGNALS CROSS CONTILLIAMS ST. ON NORTH SIDE OF ST. ST.	DW	DW	DW	DW	FL DW	DW	DW	DW	DW	DW	1	DW	Δ
PEDESTRIAN SWEET CROSSING WILLIAMS ST. ON SOUTH OF ELEANOR ST.	DW	DW	DW	DW	FL DW	DW	DW	DW	DW	DW	DW	Die	Δ

- A 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
- (A) 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		
CE FROM NORMAL SEQUENCE OF OF INTERVAL NUMBER			1			4			7				
EMERGEN NICLE PREEMPTION SEQUENCE OF OPERATION SEQUENCE		1A	1B	1C	1D	1E	1F	1G	1H	1J	2	CLEAR TO	
RAILROAD PREEMPT QUENCE OF OPERATION INTERVAL IN		1B	2	1D	2	1F	2	1H	2	2		NOE	
WILLIAMS STREET N	/B	R	R	R	G	Υ	R	Υ	R	R		<b>♦</b>	
WILLIAMS STREET END MAST ARM AND FAR LEFT SIGNALS	/B	Ğ	Υ	R	G	Υ	R	R	R		R	<b>♦</b>	
WILLIAMS STREET NEAR RIGHT SIGNAL		S	Υ	R	G	Υ	R		R	R	R	<b>♦</b>	
ELEANOR STREET E, ALL SIGNALS	/B	R		R	R		R	G.	Υ	R	R	<b>♦</b>	
ELEANOR STREET W END MAST ARM AND FAR LEFT SIGNALS	/В	R	R		3	R	R	G	Υ	R	R	<b>◊</b>	
ELEANOR STREET W NEAR RIGHT SIGNAL	/В	P		R	R	1	R	G	Υ	R	R	<b>♦</b>	
PEDESTRIAN SIGNALS CROSSING ELEANOR ST. ON EAST SIDE OF WILLIAMS ST.		DW	DW	FL DW	DW	DW	DW		DW	DW	DW	<b>♦</b>	
PEDESTRIAN SIGNALS CROSSING ELFANOR ON WEST SIDE OF WILLIAMS ST		FL DW	DW	FL DW	DW	DW	DW:	DW	D.	W	DW	<b>◊</b>	
PEDESTRIAN SIGNALS CROSS MILLIAMS ST. ON NORTH SIDE OF ST.		DW	DW	DW	DW	FL DW	DW	DW	DW	DW		<b>♦</b>	
PEDESTRIAN ST. ON SOUTH OF ELEANOR ST.		DW	DW	DW	DW	FL DW	DW	DW	DW	DW	DW	4	

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

★ 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

ILLINOIS DEPARTMENT OF TRANSPORTATION \* PLANS MODIFIED BY ROBINSON ENGINEERING, LTD REVISIONS PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATIONS ODED EV PREEMPTION WILLIAM STREET AND ELEANOR STREET SCALE: VERT. HORIZ. CHECKED BY PB

ROBINSON ENGINEERING, LTD.
1900 SOUTH PARK AMENUE. SOUTH HOLLIND. LILINGS corts
1000 SOUTH PARK AMENUE. SOUTH HOLLIND. LILINGS corts
1000 SOUTH PARK AMENUE. SOUTH HOLLIND. LILINGS corts
1000 SOUTH PARK AMENUE.