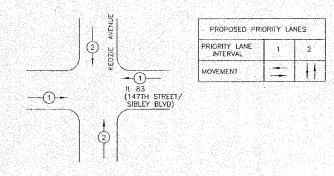


## EMERGENCY VEHICLE PREEMPTION SEQUENCE NOTES

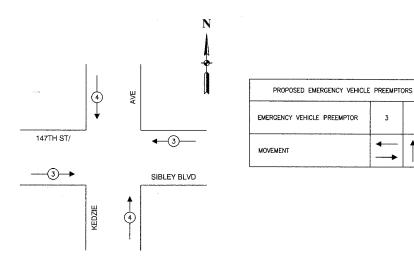
FOR DUAL ENTRY OPERATION - ALL LEGS



- ONCE PREEMPTION HAS BEEN CALLED, TERMINATION OF A PHASE(S) SHALL BE IDENTICAL TO THE NORMAL SEQUENCES OF OPERATION'S TERMINATION OF A PHASE(S) AS DESCRIBED IN STANDARD 2393.
- CONTINUATION OR TERMINATION OF ALL RIGHT TURN OVERLAPS SHALL BE IDENTICAL TO THE NORMAL SEQUENCE OF OPERATION'S CONTINUATION OR TERMINATION OF RIGHT TURN OVERLAPS AS DESCRIBED IN THE CLEARANCE NOTES FOR RIGHT TURN OVERLAPS.
- 3 TERMINATION OF ALL PEDESTRIAN PHASES SHALL INCLUDE A FULL FLASHING "DON'T WALK" INTERVAL.
- 4. IF ALL RED CLEARANCE IS USED IN THE NORMAL SEQUENCE OF OPERATION. IT MUST BE DISPLAYED AFTER THE YELLOW CLEARANCE INTERVAL WHEN ENTERING OR LEAVING THE PREEMPTION SEQUENCE.

#### EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



PAY ITEM	UNIT	QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	305
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	305

SCHEDULE OF QUANTITIES

CABLE PLAN

NOT TO SCALE

2+--

-SEE NOTE NO. 2

147TH

-03/04/04/04/04

(147TH STREET/

SIBLEY BOULEVARD)

SEE NOTE NO. 2

@<u>FIORIER</u>ED—(0)

#### 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.

2. THE EXISTING EMERGENCY VEHICLE LIGHT DETECTOR, CONFIRMATION BEACON AND LIGHT DETECTOR AMPLIFIER SHALL BE REMOVED AND REPLACED WITH NEW EQUIPMENT THE EXISTING EQUIPMENT SHALL BE RETURNED TO THE VILLAGE OF MIDLOTHIAN.

RIE.	SECTION		COUNTY	TOTAL SHEETS	SHEET ON	
	08-00146-00	)-TL	COOK	273	204	
STA.	TA. TO STA.					
FED. I	. ROAD DIST. NO. ILLINOIS		FEO. AID PE	KOJECT		

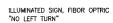
# CONTRACT NO. 63003

# CABLE PLAN LEGEND

CABLE PLAN LEGEND					
EXISTING	PROPOSED				
<b>©</b>	G	8" TRAFFIC SIGNAL SECTION			
R	R	12" TRAFFIC SIGNAL SECTION			
W	W	12" PEDESTRIAN SIGNAL SECTION			
	g.	12" PEDESTRIAN SIGNAL SECTION			
$\bowtie$		CONTROLLER CABINET			
	-∎-	SERVICE INSTALLATION			
ΪŢ	I	TELEPHONE CONNECTION			
		MAGNETIC DETECTOR			
$>\!\!>$	▶•	EMERGENCY VEHICLE LIGHT DETECTOR			
D0	•	CONFIRMATION BEACON			
•	•	PUSHBUTTON DETECTOR			
		VEHICLE DETECTOR, INDUCTION LOOP			
Q	2	DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED.			
(P)	<b>₽</b> *	SIGNAL FACE WITH BACKPLATE "P" INDICATES PROGRAMMED HEAD			







RAILROAD CONTROL CABINET





ILLUMINATED SIGN, FIBOR OPTRIC "NO RIGHT TURN"





GROUND ROD AT HANDHOLE, DOUBLE HANDHOLE, OR CONTROLLER





GROUND ROD AT POST OR MAST ARM POLE



GROUND ROD AT ELECTRIC SERVICE INSTALLATION

#### **VILLAGE OF MIDLOTHIAN LOCATION NO. 92**

\* PLANS MODIFIED BY ROBINSON ENGINEERING, LTD REVISIONS ADDED EV PREEMPTION

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED EMERGENCY VEHICLE PREEMPTION CABLE PLAN, PHASE DESIGNATION DIAGRAM & SCHEDULE OF QUANTITIES ILLINOIS RT 83 (147TH STREET) & KEDZIE AVENUE

SCALE: VERT. HORIZ. DATE

DRAWN BY CHECKED BY

ROBINSON ENGINEERING, LTD.
17000 SQUTH PARK AVENUE SOUTH HOLLAND, BLINGIS 50473
(708) 3371-5700 FAX (708) 331-3328
LILLYOIS DESIGN FRAN REGISTRATION NO. 154001128.