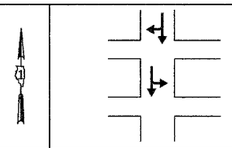
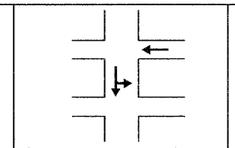
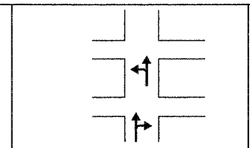
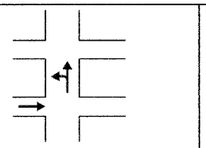
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
305	2004-108 BR	COOK	72	40
STA.		TO STA.		
FED. ROAD DIST. NO:	ILLINOIS	FED. AID PROJECT:		

CONTRACT NO. 62853

EXISTING SEQUENCE OF OPERATION

MOVEMENT																														FLASH
PHASE		6							8							2							4							
INTERVAL		1	2A	2B	3A	3B	3C	3D	4	5A	5B	6A	6B	6C	6D	7	8A	8B	8C	8D	9A	9B	10	11A	11B	11C	11D	12A	12B	
CHANGE TO			8		2 OR 4					6		2 OR 4					6 OR 8				4			6 OR 8				2		
WOLF ROAD AT WESTBOUND FRONTAGE RD. FAR RIGHT SIGNAL	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	↑G	↑G	↑G	Y	R	↑G	↑G	↑G	↑G	↑G	Y	R	↑G	↑G	R
WOLF ROAD AT WESTBOUND FRONTAGE RD. END MAST ARM AND FAR LEFT SIGNAL	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G↑ ←G	G↑ ←G	G↑ ←G	Y	R	G↑ ←G	G↑ ←G	G↑ ←G	G↑ ←G	G↑ ←G	Y	R	G↑ ←G	G↑ ←G	R
WOLF ROAD AT WESTBOUND FRONTAGE RD. NEAR RIGHT AND FAR RIGHT SIGNALS	S/B	G↑ G→	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
WOLF ROAD AT WESTBOUND FRONTAGE RD. END MAST ARM (FAR MAST ARM SIGNAL)	S/B	G↑	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
WOLF ROAD AT EASTBOUND FRONTAGE RD. NEAR RIGHT AND FAR RIGHT SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G↑ G→	Y	R	R	R	Y	R	R	R	R	R	R	R	R	R
WOLF ROAD AT EASTBOUND FRONTAGE RD. END MAST ARM (FAR MAST ARM SIGNAL)	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	↑G	Y	R	R	R	Y	R	R	R	R	R	R	R	R	R
WOLF ROAD AT EASTBOUND FRONTAGE RD. FAR RIGHT SIGNAL	S/B	↑G	↑G	↑G	↑G	↑G	Y	R	↑G	↑G	↑G	↑G	↑G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
WOLF ROAD AT EASTBOUND FRONTAGE RD. END MAST ARM AND FAR LEFT SIGNAL	S/B	G↑ ←G	G↑ ←G	G↑ ←G	G↑ ←G	G↑ ←G	Y	R	G↑ ←G	G↑ ←G	G↑ ←G	G↑ ←G	G↑ ←G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
WESTBOUND FRONTAGE RD. MAST ARM SIGNALS AND FAR LEFT SIGNAL	W/B	R	R	R	R	R	R	R	G	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
EASTBOUND FRONTAGE RD. MAST ARM SIGNALS AND FAR LEFT SIGANL	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	Y	R	R

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION

CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER		1							4							7							10							PREEMPTOR NUMBER 2	PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4	PREEMPTOR NUMBER 5	CLEAR TO NORMAL SEQUENCE
EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER		1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	1S	1T	1U	1V	1W	1X	1Y	1Z	1AA	1BB	1CC	1DD	2	3	4	5	
CHANGE TO EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER		3	1C	5	1E	1F	1G	2 OR 4	5	1K	3	1M	1N	1P	2 OR 4	2	1S	1T	1U	3 OR 5	1W	4	4	1Z	2	1BB	1CC	1DD	3 OR 5					
WOLF ROAD AT WESTBOUND FRONTAGE RD. FAR RIGHT SIGNAL	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	↑G	↑G	↑G	Y	R	↑G	↑G	↑G	↑G	↑G	↑G	↑G	Y	R	↑G	R	↑G	R	◊
WOLF ROAD AT WESTBOUND FRONTAGE RD. END MAST ARM AND FAR LEFT SIGNAL	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G↑ ←G	G↑ ←G	G↑ ←G	Y	R	G↑ ←G	G↑ ←G	G↑ ←G	G↑ ←G	G↑ ←G	G↑ ←G	G↑ ←G	Y	R	G↑ ←G	R	G↑ ←G	R	◊
WOLF ROAD AT WESTBOUND FRONTAGE RD. NEAR RIGHT AND FAR RIGHT SIGNALS	S/B	G↑ G→	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G↑ ←G	R	R	◊
WOLF ROAD AT WESTBOUND FRONTAGE RD. END MAST ARM (FAR MAST ARM SIGNAL)	S/B	G↑	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	↑G	R	R	◊
WOLF ROAD AT EASTBOUND FRONTAGE RD. NEAR RIGHT AND FAR RIGHT SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G↑ G→	Y	R	R	R	Y	R	R	R	R	R	R	R	R	G↑ G→	R	R	R	◊
WOLF ROAD AT EASTBOUND FRONTAGE RD. END MAST ARM (FAR MAST ARM SIGNAL)	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	↑G	Y	R	R	R	Y	R	R	R	R	R	R	R	R	↑G	R	R	R	◊
WOLF ROAD AT EASTBOUND FRONTAGE RD. FAR RIGHT SIGNAL	S/B	↑G	↑G	↑G	↑G	↑G	Y	R	↑G	↑G	↑G	↑G	↑G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	↑G	R	↑G	◊
WOLF ROAD AT EASTBOUND FRONTAGE RD. END MAST ARM AND FAR LEFT SIGNAL	S/B	G↑ ←G	G↑ ←G	G↑ ←G	G↑ ←G	G↑ ←G	Y	R	G↑ ←G	G↑ ←G	G↑ ←G	G↑ ←G	G↑ ←G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G↑ ←G	R	G↑ ←G	◊
WESTBOUND FRONTAGE RD. MAST ARM SIGNALS AND FAR LEFT SIGNAL	W/B	R	R	R	R	R	R	R	G	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	◊
EASTBOUND FRONTAGE RD. MAST ARM SIGNALS AND FAR LEFT SIGANL	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	Y	R	R	R	R	R	G	R	◊

◊ EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY VEHICLE INTERVAL AFTER EMERGENCY VEHICLE INTERVAL 2, 3, 4 OR 5 IS TERMINATED.

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ILLINOIS DEPARTMENT OF TRANSPORTATION
PALATINE ROAD: WISCONSIN CENTRAL RR TO US 45/ILL 21 (Milwaukee Ave.)

EXISTING SEQUENCE OF OPERATION,
EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION
WOLF ROAD & PALATINE RD.

REVISIONS	
NAME	DATE

SCALE: NONE
DATE: 01/14/2005
DRAWN BY: JF/BC
DESIGNED BY: -----
CHECKED BY: PKG/RRM

j:\projects\projects 2000\palatine\signal plans (november 2004)\wolf\11-wolf_exist_evpa.dgn
09 MAR 2005
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