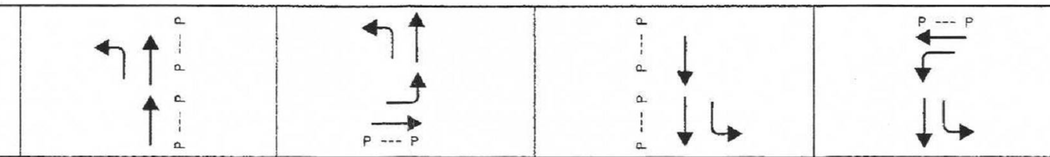
SEQUENCE OF OPERATION



MOVEMENT																																	
PHASE	1								2								3								4								FLASH
INTERVAL	1	2	3A	3B	3C	3D	4A	4B	5	6	7A	7B	7C	7D	8A	8B	9	10	11A	11B	12A	12B	12C	12D	13	14	15A	15B	15C	15D	16A	16B	
CHANGE TO			3 OR 4				2				3 OR 4				1				4		1 OR 2						1 OR 2				3		
ILLINOIS ROUTE 83 (ELMHURST ROAD) ALL SIGNALS AT EASTBOUND FRONTAGE ROAD N/B	G	G	Y	R	R	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	R
ILLINOIS ROUTE 83 (ELMHURST ROAD) MID MAST ARM SIGNAL AT WESTBOUND FRONTAGE ROAD N/B	G	G	G	G	Y	R	G	G	G	G	G	G	Y	R	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
ILLINOIS ROUTE 83 (ELMHURST ROAD) END MAST ARM AND FAR LEFT SIGNALS AT WESTBOUND FRONTAGE ROAD N/B	G ←G	G ←G	G ←G	G ←G	Y	R	G ←G	G ←G	G ←G	G ←G	G ←G	G ←G	Y	R	G ←G	G ←G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
ILLINOIS ROUTE 83 (ELMHURST ROAD) ALL SIGNALS AT WESTBOUND FRONTAGE ROAD S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R
ILLINOIS ROUTE 83 (ELMHURST ROAD) MID MAST ARM SIGNAL AT EASTBOUND FRONTAGE ROAD S/B	R	R	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	Y	R	G	G	R
ILLINOIS ROUTE 83 (ELMHURST ROAD) END MAST ARM AND FAR LEFT SIGNALS AT EASTBOUND FRONTAGE ROAD S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G ←G	G ←G	G ←G	G ←G	G ←G	G ←G	Y	R	G ←G	G ←G	G ←G	G ←G	Y	R	G ←G	G ←G	R
EASTBOUND FRONTAGE ROAD NEAR RIGHT AND RIGHT MAST ARM SIGNALS E/B	R	R	R	R	R	R	R	R	G	G	Y	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
EASTBOUND FRONTAGE ROAD MID MAST ARM, END MAST ARM, AND FAR LEFT SIGNALS E/B	R	R	R	R	R	R	R	R	G ←G	G ←G	Y	R	R	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
WESTBOUND FRONTAGE ROAD NEAR RIGHT AND RIGHT MAST ARM SIGNALS W/B	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	Y	R	R	R	Y	R	R
WESTBOUND FRONTAGE ROAD MID MAST ARM, END MAST ARM, AND FAR LEFT SIGNALS W/B	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	G ←G	Y	R	R	R	Y	R	R
PEDESTRIAN SIGNALS CROSSING EASTBOUND FRONTAGE ROAD ON WEST SIDE OF ILLINOIS ROUTE 83 (ELMHURST ROAD)	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	P*	FH**	H	H	H	H	H	H	H	H	H	H	H	H	H	H	DARK
PEDESTRIAN SIGNALS CROSSING WESTBOUND FRONTAGE ROAD ON WEST SIDE OF ILLINOIS ROUTE 83 (ELMHURST ROAD)	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	P*	FH**	H	H	H	H	H	H	H	H	H	H	H	H	H	H	DARK
PEDESTRIAN SIGNALS CROSSING ILLINOIS ROUTE 83 (ELMHURST ROAD) ON NORTH SIDE OF WESTBOUND FRONTAGE ROAD	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	P*	FH**	H	H	H	H	H	H	DARK
PEDESTRIAN SIGNALS CROSSING ILLINOIS ROUTE 83 (ELMHURST ROAD) ON SOUTH SIDE OF EASTBOUND FRONTAGE ROAD	H	H	H	H	H	H	H	H	P*	FH**	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	DARK
PEDESTRIAN SIGNALS CROSSING EASTBOUND FRONTAGE ROAD ON EAST SIDE OF ILLINOIS ROUTE 83 (ELMHURST ROAD)	P*	FH**	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	DARK
PEDESTRIAN SIGNALS CROSSING WESTBOUND FRONTAGE ROAD ON EAST SIDE OF ILLINOIS ROUTE 83 (ELMHURST ROAD)	P*	FH**	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	DARK

EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION

																																					PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4	PREEMPTOR NUMBER 5	PREEMPTOR NUMBER 6	CLEAR TO NORMAL SEQUENCE
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1	1					1			5			5					5	9					9	9			13					13			13					
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	1EE	1FF	1GG	1HH	1JJ	1KK	1LL	1MM	2	3	4	5	
CHANGE TO EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	2	1C	1D	1E	1F	4 OR 5	1H	1J	3	1L	1M	2	1P	1Q	1R	1S	4 OR 5	3	1V	1W	1X	1Y	2 OR 3	4	1BB	1CC	5	1EE	1FF	1GG	1HH	2 OR 3	1KK	1LL	4	5					◊
ILLINOIS ROUTE 83 (ELMHURST ROAD) ALL SIGNALS AT EASTBOUND FRONTAGE ROAD N/B	G	G	Y	R	R	R	G	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	R	R	R	G	R	R	R	◊
ILLINOIS ROUTE 83 (ELMHURST ROAD) MID MAST ARM SIGNAL AT WESTBOUND FRONTAGE ROAD N/B	G	G	G	G	Y	R	G	G	G	G	G	G	G	G	G	Y	R	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	R	R	◊
ILLINOIS ROUTE 83 (ELMHURST ROAD) END MAST ARM AND FAR LEFT SIGNALS AT WESTBOUND FRONTAGE ROAD N/B	G ←G	G ←G	G ←G	G ←G	Y	R	G ←G	G ←G	G ←G	G ←G	G ←G	G ←G	G ←G	G ←G	G ←G	Y	R	G ←G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G ←G	G ←G	R	R	◊
ILLINOIS ROUTE 83 (ELMHURST ROAD) ALL SIGNALS AT WESTBOUND FRONTAGE ROAD S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	G	R	◊
ILLINOIS ROUTE 83 (ELMHURST ROAD) MID MAST ARM SIGNAL AT EASTBOUND FRONTAGE ROAD S/B	R	R	R	R	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	G	G	G	R	R	G	G	◊
ILLINOIS ROUTE 83 (ELMHURST ROAD) END MAST ARM AND FAR LEFT SIGNALS AT EASTBOUND FRONTAGE ROAD S/B	R	R	R	R	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	G ←G	G ←G	G ←G	R	R	G ←G	G ←G	◊
EASTBOUND FRONTAGE ROAD NEAR RIGHT AND RIGHT MAST ARM SIGNALS E/B	R	R	R	R	R	R	R	R	R	G	Y	R	G	Y	R	R	R	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	R	R	◊
EASTBOUND FRONTAGE ROAD MID MAST ARM, END MAST ARM, AND FAR LEFT SIGNALS E/B	R	R	R	R	R	R	R	R	R	G ←G	Y	R	G ←G	Y	R	R	R	G ←G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G ←G	R	R	◊
WESTBOUND FRONTAGE ROAD NEAR RIGHT AND RIGHT MAST ARM SIGNALS W/B	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	R	R	G	Y	R	R	R	G	Y	R	G	R	R	R	G	◊
WESTBOUND FRONTAGE ROAD MID MAST ARM, END MAST ARM, AND FAR LEFT SIGNALS W/B	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	R	R	G ←G	Y	R	R	R	G ←G	Y	R	G ←G	R	R	R	G ←G	◊
PEDESTRIAN SIGNALS CROSSING EASTBOUND FRONTAGE ROAD ON WEST SIDE OF ILLINOIS ROUTE 83 (ELMHURST ROAD)	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	FH	H	H	H	H	FH	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	◊
PEDESTRIAN SIGNALS CROSSING WESTBOUND FRONTAGE ROAD ON WEST SIDE OF ILLINOIS ROUTE 83 (ELMHURST ROAD)	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	FH	H	H	H	H	FH	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	◊
PEDESTRIAN SIGNALS CROSSING ILLINOIS ROUTE 83 (ELMHURST ROAD) ON NORTH SIDE OF WESTBOUND FRONTAGE ROAD	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	FH	H	H	H	H	FH	H	H	FH	H	H	H	H	◊
PEDESTRIAN SIGNALS CROSSING ILLINOIS ROUTE 83 (ELMHURST ROAD) ON SOUTH SIDE OF EASTBOUND FRONTAGE ROAD	H	H	H	H	H	H	H	H	H	FH	H	H	FH	H	H	H	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	◊
PEDESTRIAN SIGNALS CROSSING EASTBOUND FRONTAGE ROAD ON EAST SIDE OF ILLINOIS ROUTE 83 (ELMHURST ROAD)	FH	FH	H	H	H	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	◊
PEDESTRIAN SIGNALS CROSSING WESTBOUND FRONTAGE ROAD ON EAST SIDE OF ILLINOIS ROUTE 83 (ELMHURST ROAD)	FH	FH	H	H	H	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	◊

TS 3485
PROSPECT HEIGHTS

FILE NAME = D160X82-sht-TS3485CS.dgn Default	USER NAME = SJohnson	DESIGNED - PHL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 83 (ELMHURST RD) AT PALATINE ROAD– SEQUENCE OF OPERATION & EVP SEQUENCE OF OPERATION
		DRAWN - PHL	REVISED -		
	PLOT SCALE = 40.0000 ' / in.	CHECKED - BKS	REVISED -		
	PLOT DATE = 3/21/2014	DATE - 03/09/2014	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2014-007TS	COOK	88	86
		CONTRACT NO. 60X82		
	ILLINOIS FED. AID PROJECT			