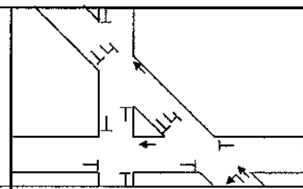
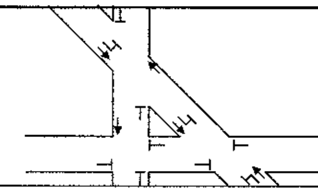
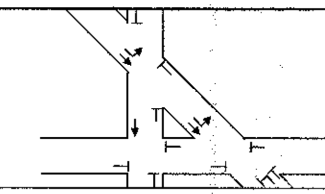
TEMPORARY SEQUENCE OF OPERATION

MOVEMENT (N ↑)







PHASE		1				
INTERVAL		1	2A	2B	2C	2D
CHANGE TO		/		2		
IL RTE 83 (ELMHURST RD) KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT SIGNALS	N/B	R	R	R	R	R
IL RTE 83 (ELMHURST RD) KENSINGTON / FOUNDRY RD MAST ARM AND FAR LEFT SIGNALS	N/B	R	R	R	R	R
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) NEAR AND FAR RIGHT SIGNALS	N/B	R	R	R	R	R
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) MAST ARM FAR LEFT SIGNALS	N/B	R	R	R	R	R
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) NEAR AND FAR RIGHT SIGNALS	S/B	R	R	R	R	R
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) MAST ARM AND FAR LEFT SIGNALS	S/B	R	R	R	R	R
IL RTE 83 (ELMHURST RD) AT KENSINGTON / FOUNDRY RD ALL SIGNALS	S/B	R	R	R	R	R
KENSINGTON/FOUNDRY RD AT IL RTE 83 (ELMHURST RD) ALL SIGNALS	E/B	R	R	R	R	R
KENSINGTON/FOUNDRY RD AT US RTE 12 (RAND RD) ALL SIGNALS	E/B	R	R	R	R	R
KENSINGTON/FOUNDRY RD AT US RTE 12 (RAND RD) ALL SIGNALS	W/B	R	R	R	R	R
KENSINGTON/FOUNDRY RD AT IL RTE 83 (ELMHURST RD) ALL SIGNALS	W/B	G	G	G	Y	R
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS	NW/B	G	G	G	G	G
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD LEFT TURN SIGNALS	NW/B	←G	←Y	R	R	R
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) ALL SIGNALS	NW/B	G	G	G	G	G
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS	SE/B	R	R	R	R	R
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) LEFT TURN SIGNALS	SE/B	←R	R	R	R	R
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS	SE/B	R	R	R	R	R
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD LEFT TURN SIGNALS	SE/B	←R	R	R	R	R

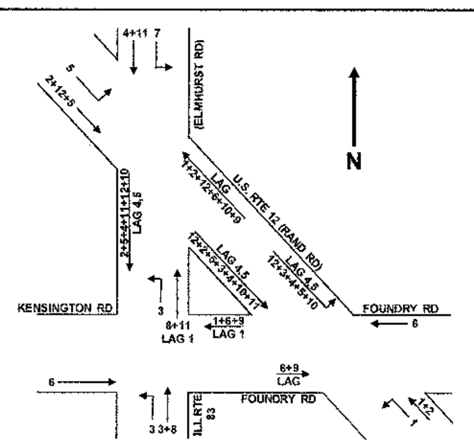
PHASE		2																								
INTERVAL		3	4A	4B	4C	4D	5A	5B	5C	5D	6A	6B	6C	6D	7A	7B	7C	7D	8A	8B	8C	8D
CHANGE TO		/		5				3+7	3+8			4+7	4+8			6				1		
IL RTE 83 (ELMHURST RD) KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 83 (ELMHURST RD) KENSINGTON / FOUNDRY RD MAST ARM AND FAR LEFT SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) NEAR AND FAR RIGHT SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) MAST ARM FAR LEFT SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) NEAR AND FAR RIGHT SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) MAST ARM AND FAR LEFT SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 83 (ELMHURST RD) AT KENSINGTON / FOUNDRY RD ALL SIGNALS	S/B	G	G	G	G	G	G	G	Y	R	G	G	G	G	G	G	Y	R	G	G	Y	R
KENSINGTON/FOUNDRY RD AT IL RTE 83 (ELMHURST RD) ALL SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
KENSINGTON/FOUNDRY RD AT US RTE 12 (RAND RD) ALL SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
KENSINGTON/FOUNDRY RD AT US RTE 12 (RAND RD) ALL SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
KENSINGTON/FOUNDRY RD AT IL RTE 83 (ELMHURST RD) ALL SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS	NW/B	G	Y	R	R	R	Y	R	R	R	Y	R	R	R	Y	R	R	R	Y	R	R	R
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD LEFT TURN SIGNALS	NW/B	←R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) ALL SIGNALS	NW/B	G	G	G	Y	R	G	G	Y	R	G	G	Y	R	G	G	G	G	G	G	G	G
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS	SE/B	G	G	G	G	G	Y	R	R	R	Y	R	R	R	Y	R	R	R	Y	R	R	R
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) LEFT TURN SIGNALS	SE/B	←R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS	SE/B	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	Y	R	G	G	Y	R
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD LEFT TURN SIGNALS	SE/B	←R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R

PHASE		5																			
INTERVAL		9	10A	10B	10C	10D	11A	11B	11C	11D	12A	12B	12C	12D	13A	13B	14A	14B	14C	14D
CHANGE TO		/		1				2				3+7	3+8		4+7	4+8		6		
IL RTE 83 (ELMHURST RD) KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 83 (ELMHURST RD) KENSINGTON / FOUNDRY RD MAST ARM AND FAR LEFT SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) NEAR AND FAR RIGHT SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) MAST ARM FAR LEFT SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) NEAR AND FAR RIGHT SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 83 (ELMHURST RD) AT US RTE 12 (RAND RD) MAST ARM AND FAR LEFT SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL RTE 83 (ELMHURST RD) AT KENSINGTON / FOUNDRY RD ALL SIGNALS	S/B	G	G	G	Y	R	G	G	G	G	G	G	Y	R	G	G	G	G	Y	R
KENSINGTON/FOUNDRY RD AT IL RTE 83 (ELMHURST RD) ALL SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
KENSINGTON/FOUNDRY RD AT US RTE 12 (RAND RD) ALL SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
KENSINGTON/FOUNDRY RD AT US RTE 12 (RAND RD) ALL SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
KENSINGTON/FOUNDRY RD AT IL RTE 83 (ELMHURST RD) ALL SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS	NW/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD LEFT TURN SIGNALS	NW/B	←R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) ALL SIGNALS	NW/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS	SE/B	G	Y	R	R	R	G	G	G	G	Y	R	R	R	Y	R	Y	R	R	R
US RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD) LEFT TURN SIGNALS	SE/B	←G	←Y	R	R	R	←Y	R	R	R	←Y	R	R	R	←Y	R	←Y	R	R	R
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD NEAR AND FAR RIGHT AND MID MAST ARM SIGNALS	SE/B	G	G	G	Y	R	G	G	G	G	G	G	G	G	G	G	G	G	Y	R
US RTE 12 (RAND RD) AT KENSINGTON / FOUNDRY RD LEFT TURN SIGNALS	SE/B	←G	←G	←G	←Y	R	←G	←G	←Y	R	←G	←G	←G	←G	←G	←G	←G	←G	←Y	R

NOTES:

1. PHASE 3 VEHICLE DETECTOR SHALL PLACE ONE VEHICLE CALL INTO PHASE 8
2. PHASE 8 MUST BE ON LOCKING DETECTION
3. PHASE 2 MUST BE ON RECALL
4. ANTIBACKUP & DUAL ENTRY SHALL BE TURNED ON FOR PHASES 3, 4, 7, & 8
5. TIMED OVERLAP PHASES
   Ø 9 - EB WB Ø 6 (FOUNDRY)
   Ø 10 - NB SB Ø 2, Ø 5 (U.S. RTE 12)
   Ø 11 - NB SB Ø 4, Ø 8 (IL RTE 83)
6. RING STRUCTURE & PHASE ASSIGNMENT DIAGRAM

1 2 12 10 5 | 3 4 | 11 | 6 9
| 7 8 |



EVP 1 = Ø 1
EVP 2 = Ø 5
EVP 3 = Ø 3+8
EVP 4 = Ø 4+7
EVP 5 = Ø 8
9 CALL = Ø 8 ON
10 CALL = 1, 3, 4, 7, 8, 6 CHECK
11 CALL = Ø 6 ON
12 CALL = Ø 5 CHECK
Ø 12 ON OMITS Ø 10
Ø 10 ON OMITS Ø 5
Ø 3, V.D. CALL Ø 8 Ø 4
Ø 4, Ø 8 ON LOCKING DETECTOR
Ø 8, 9, 10, 11, 12 MUST BE "NON LOCKING"
Ø 4, Ø 8 "DUAL ENTRY"
Ø 2 ON RECALL

FOR INFORMATION ONLY

GHA #4185.805

FILE NAME = 4185.805–TR1.dwg	USER NAME = GHA	DESIGNED - JRD	REVISED -
		DRAWN - ZCW	REVISED -
	PLOT SCALE = 1" = .0833'	CHECKED - KLB	REVISED -
	PLOT DATE = 10/17/2012	DATE - 10/17/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SEQUENCE OF OPERATION - SHEET 1 OF 2
U.S. RTE 12 (RAND RD) AT IL RTE 83 (ELMHURST RD)
AND KENSINGTON ROAD / FOUNDRY ROAD

SCALE: N.A. | SHEET NO. T6 OF T24 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1295	09–00154–00–PV	COOK	119	61
		CONTRACT #: 63746		

ILLINOIS | FED. AID PROJECT