F.A.P. RTE.	SECTION		COUNTY	TOTAL	SHEE NO.
334	2004-017T	S	COOK	38	17
STA.		TO	STA.		
FED. ROA	D DIST. NO. 1	ILLINOIS	FED. AID	PROJECT	
CONTR	ACT #62736	;			

SEQUENCE OF OPERATION

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S/B	R	R	R	R F	₹ R	R	R	R	R	R	R	R	R	R F	R	R	R	R	R	R	R .F	₹ R	R	R	R	R	R . R	R	R	R	R	RI	RR	R	R	R	R	RF	R
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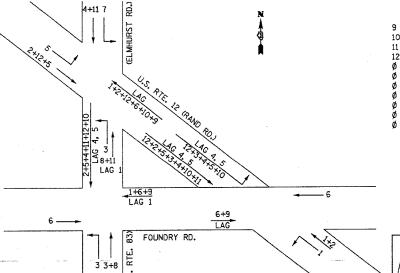
NOTES:

- 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 (US 12) Ø 11 NB SB Ø 4, Ø 8 (IL 83)

6. RING STRUCTURE AND PHASE ASSIGNMENT DIAGRAM

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

> EVP 1 = Ø 1 EVP 2 = Ø 5 EVP $3 = \emptyset 3 + 8$ EVP 4 = \emptyset 4+7 EVP 5 = \emptyset 6



9 CALL = Ø 8 ON

9 CALL = 0 8 ON 10 CALL = 0 8 ON 12 CALL = 0 8 ON 12 CALL = 0 5 CHECK 0 12 ON OMITS 0 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

INFORMATION ONLY

TS-17

DATE ILLINOIS DEPARTMENT OF TRANSPORTATION SEQUENCE OF OPERATION U.S. RTE. 12 (RAND RD.) AT ILL. RTE. 83 (ELMHURST RD.) AND FOUNDRY RD. SHEET 1 OF 2

KAM ENGINEERING, INC. CONSULTING ENGINEERS 707A Davis Road, Suits 205 Eigin, illinois 60123-1369

SCALE: NONE DATE: JUNE 15, 2004

DRAWN BY: RV/MD DESIGNED BY: AZ CHECKED BY: AZ

337\SHT\12-83 foundry