



**NOTE!**  
 1. SET EXTEND TIME FOR LOOPS 4A & 8A FOR 6 SECONDS.  
 2. SET EXTEND TIME FOR LOOPS 4B, 4C & 8B FOR 5 SECONDS.  
 3. SET ALL DETECTOR CHANNELS TO 'PRESENCE' MODE.

**NOTES**

- RELAYS 'SSR1' & 'SSR2' ARE SPST SOLID STATE RELAYS WITH AC INPUT, AC OUTPUT. (CRYDOM #TAI225 OR APPROVED EQUAL)
- DETECTOR UNIT NO.1 IS A SINGLE CHANNEL DIGITAL DETECTOR WITH A TYPE 'MS' CONNECTOR. (E.D.I. NO. LM301t OR APPROVED EQUAL)
- DETECTOR UNIT NO.'S 2 & 3 ARE 2-CHANNEL DIGITAL DETECTORS: U.S. TRAFFIC NO. 921-2T WITH NO. 801A-6 'MS' CONNECTOR HARNESS. (APPROVED EQUAL MAY BE USED)
- TERMINAL BLOCK AND DEVICE LAYOUTS SHOWN ARE BASED ON A DUAL CIRCUIT NEMA FLASHER CABINET: RGA NO. RG/NCFLRF3. (APPROVED EQUAL MAY BE USED)
- MOV'S AND TERMINAL BLOCKS ARE FURNISHED WITH THE FLASHER CABINET.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0939  
 DESIGNED: AUGUST 2004  
 SEALED: 9/2/04  
 REVISED: N/A

**ACTUATED FLASHER**

ELECTRICAL AND PROGRAMMING DETAILS FOR: (NC 87/NC 41)/NC 87 BYPASS at (NC 41/NC 87 BUS.)/SR 1155 (CROWARTIE RD.)

Prepared in the Offices of:

122 N. McDowell St., Raleigh, NC 27603

PLAN DATE: SEPTEMBER 2004	REVIEWED BY:
PREPARED BY: F.E. RUSS	REVIEWED BY:
REVISIONS	INIT. DATE

SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 022013 ENGINEER GEORGE C. BROWN

SIGNATURE: DATE: 9/2/04

SIG. INVENTORY NO. 06-0939