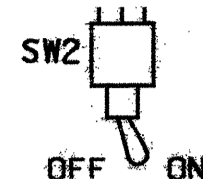


### EDI MODEL 2010ECL CONFLICT MONITOR

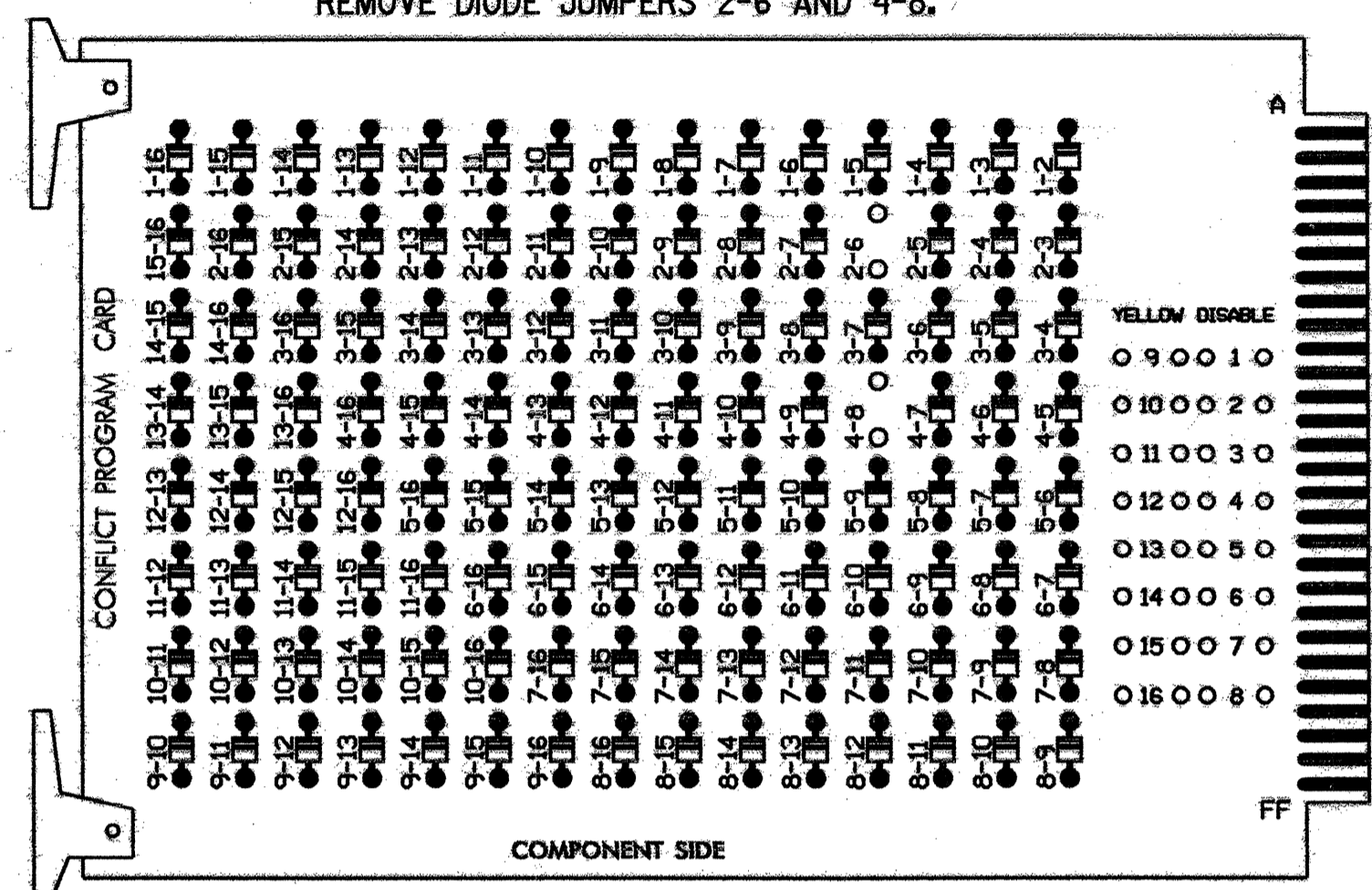
#### PROGRAMMING DETAIL

WD ENABLE



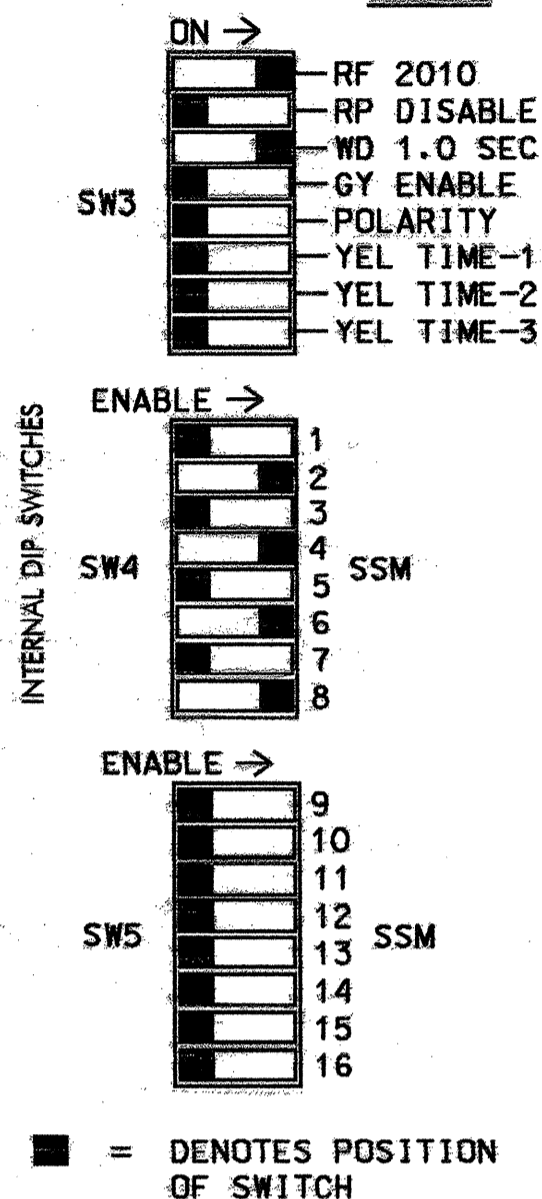
(remove jumpers and set switches as shown)

REMOVE DIODE JUMPERS 2-6 AND 4-8.



REMOVE JUMPERS AS SHOWN

#### OPTIONS



#### NOTES:

- CARD IS PROVIDED WITH ALL DIODE JUMPERS IN PLACE. REMOVAL OF ANY JUMPER ALLOWS ITS CHANNELS TO RUN CONCURRENTLY.
- MAKE SURE JUMPERS SEL1-SEL5 ARE PRESENT ON THE MONITOR BOARD.

#### NOTES

- To prevent "flash-conflict" problems, insert red flash program blocks for all unused vehicle load switches in the output file. The installer shall verify that signal heads flash in accordance with the Signal Plans.
- Ensure that Red Enable is active at all times during normal operation. To prevent Red Failures on unused monitor channels, tie unused red monitor inputs 1,3,5,7,9, 10,11,12,13,14,15 & 16 to load switch AC+ per the cabinet manufacturer's instructions.
- Program controller to start up in phases 2 and 6 green.
- Enable Simultaneous Gap-Out, on the controller unit, for all phases.
- Program phases 4 and 8, on the controller unit, for Dual Entry.
- Program phase 4 for 'STARTUP PED CALL'.
- The cabinet and controller are part of the Gastonia City System.

#### EQUIPMENT INFORMATION

CONTROLLER.....CONTRACTOR SUPPLIED 2070L  
 CABINET.....CONTRACTOR SUPPLIED 332  
 SOFTWARE.....ECONOLITE OASIS  
 CABINET MOUNT.....BASE  
 OUTPUT FILE POSITIONS...12  
 LOAD SWITCHES USED.....S2,S4,S6,S8  
 PHASES USED.....2,4,6,8,4ped\*  
 OVERLAPS.....NONE

\*Used for timing purposes only

#### FIELD CONNECTION HOOK-UP CHART

| LOAD SWITCH NO. | S1 | S2    | S2P   | S3 | S4    | S4P   | S5 | S6    | S6P   | S7 | S8    | S8P   |
|-----------------|----|-------|-------|----|-------|-------|----|-------|-------|----|-------|-------|
| PHASE           | 1  | 2     | 2 PED | 3  | 4     | 4 PED | 5  | 6     | 6 PED | 7  | 8     | 8 PED |
| SIGNAL HEAD NO. | NU | 21,22 | NU    | NU | 41,42 | NU    | NU | 61,62 | NU    | NU | 81,82 | NU    |
| GREEN           |    | 130   |       |    | 103   |       |    | 136   |       |    | 109   |       |
| YELLOW          |    | 129   |       |    | 102   |       |    | 135   |       |    | 108   |       |
| RED             |    | 128   |       |    | 101   |       |    | 134   |       |    | 107   |       |
| RED ARROW       |    |       |       |    |       |       |    |       |       |    |       |       |
| YELLOW ARROW    |    |       |       |    |       |       |    |       |       |    |       |       |
| GREEN ARROW     |    |       |       |    |       |       |    |       |       |    |       |       |
| PEDESTRIAN      |    |       |       |    |       |       |    |       |       |    |       |       |
| BIKE            |    |       |       |    |       |       |    |       |       |    |       |       |

NU = NOT USED

#### INPUT FILE POSITION LAYOUT

(front view)

| FILE "I" | 1  | 2        | 3  | 4  | 5  | 6        | 7  | 8  | 9  | 10 | 11 | 12       | 13 | 14 |
|----------|----|----------|----|----|----|----------|----|----|----|----|----|----------|----|----|
| U        | FS | 2A       | FS | FS | FS | 4A       | FS | FS | FS | FS | FS | NOT USED | FS | FS |
| L        | FS | NOT USED | FS | FS | FS | NOT USED | FS | FS | FS | FS | FS | FS       | FS | FS |
| U        | FS | 6A       | FS | FS | FS | 8A       | FS | FS | FS | FS | FS | FS       | FS | FS |
| L        | FS | NOT USED | FS | FS | FS | NOT USED | FS | FS | FS | FS | FS | FS       | FS | FS |

EX. : 1A, 2A, ETC. = LOOP NO.'S

FS = FLASH SENSE  
 ST = STOP TIME

#### INPUT FILE CONNECTION & PROGRAMMING CHART

| LOOP NO. | LOOP TERMINAL | INPUT FILE POS. | PIN NO. | INPUT ASSIGNMENT NO. | DETECTOR NO. | NEMA PHASE | CALL | EXTEND | FULL TIME DELAY | STRETCH TIME | DELAY TIME |
|----------|---------------|-----------------|---------|----------------------|--------------|------------|------|--------|-----------------|--------------|------------|
| 2A       | TB2-5,6       | I2U             | 39      | 1                    | 2            | 2          | Y    | Y      |                 |              |            |
| 4A       | TB4-9,10      | I6U             | 41      | 3                    | 4            | 4          | Y    | Y      |                 |              | 5          |
| 6A       | TB3-5,6       | J2U             | 40      | 2                    | 6            | 6          | Y    | Y      |                 |              |            |
| 8A       | TB5-9,10      | J6U             | 42      | 4                    | 8            | 8          | Y    | Y      |                 |              | 5          |
| PHASE 4  | TB8-5,6       | I12L            | 69      | 31                   |              |            |      |        |                 |              |            |

NOTE:  
 INSTALL DC ISOLATOR IN INPUT FILE SLOT I12.

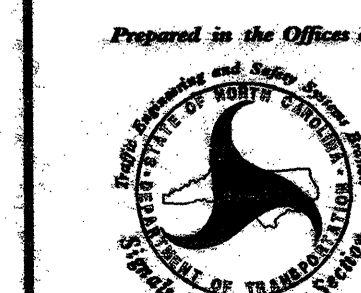
INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: CITY-02  
 DESIGNED: February 2005  
 SEALED: 2-17-05  
 REVISED: N/A

#### Signal Upgrade

ELECTRICAL AND PROGRAMMING DETAILS FOR:



122 N. McDowell St., Raleigh, NC 27603

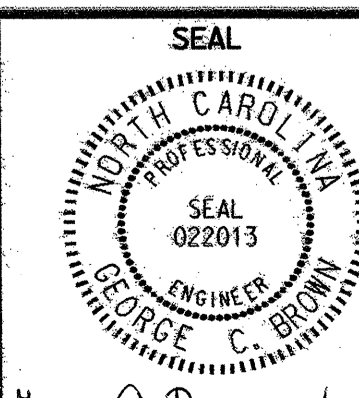
Spencer Ave.  
 at  
 Miller St.

Division 12 Gaston County Gastonia

PLAN DATE: February 2005 REVIEWED BY: *Yhd*

PREPARED BY: James Peterson REVIEWED BY:

REVISIONS INIT. DATE



SIG. INVENTORY NO. CITY-02