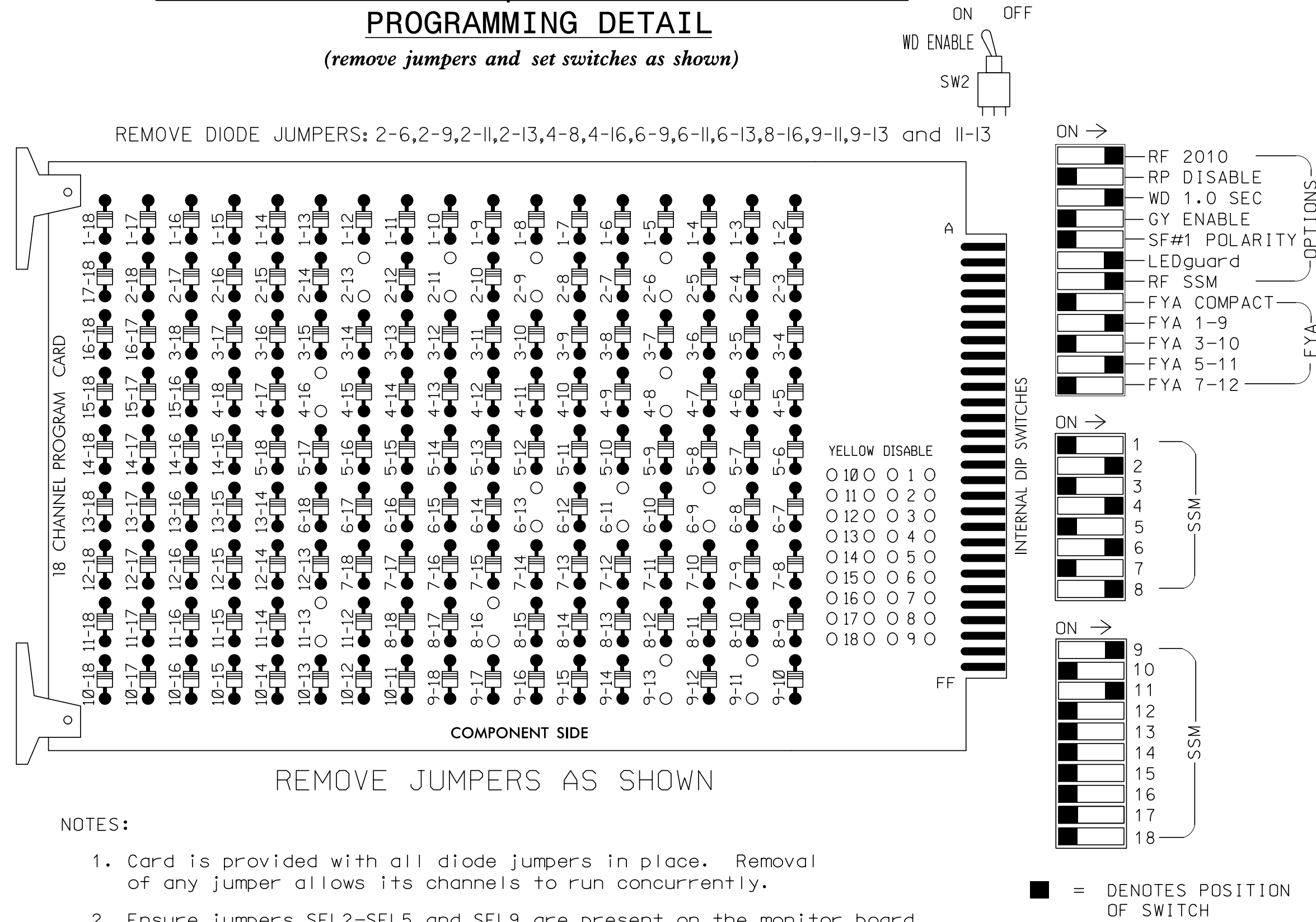


EDI MODEL 2018EClip-NC CONFLICT MONITOR PROGRAMMING DETAIL
(remove jumpers and set switches as shown)



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.
- Program phases 4 and 8 for Dual Entry.
- Enable Simultaneous Gap-Out for all phases.
- Program phases 2 and 6 for volume density operation.
- Program controller to start up in phase 2 Walk and 6 Green.
- The cabinet and controller are part of the Fayetteville Signal System.

EQUIPMENT INFORMATION

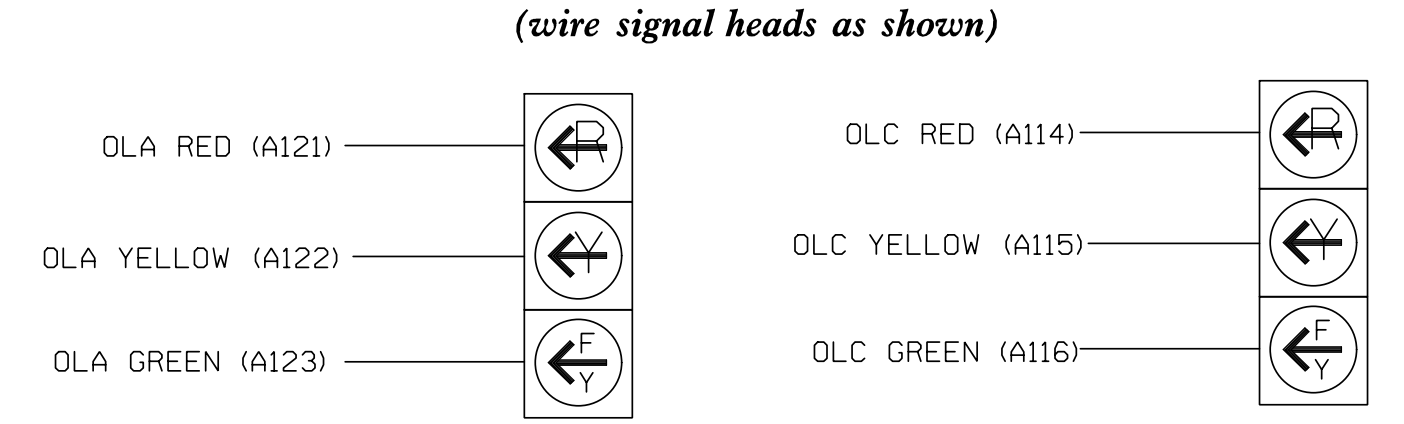
CONTROLLER.....2070E
 CABINET.....332 W/AUX
 SOFTWARE.....ECONOLITE ASC/3-2070
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...18 WITH AUX. OUTPUT FILE
 LOAD SWITCHES USED.....S2,S3,S5,S8,S11,S12,AUX S1, AUX S4
 PHASES USED.....2,2PED,4,6,8,8PED
 OVERLAP "A".....*
 OVERLAP "B".....NOT USED
 OVERLAP "C".....*
 OVERLAP "D".....NOT USED
 * See overlap programming detail on sheet 2

SIGNAL HEAD HOOK-UP CHART

LOAD SWITCH NO.	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	AUX S1	AUX S2	AUX S3	AUX S4	AUX S5	AUX S6
CMU CHANNEL NO.	1	2	13	3	4	14	5	6	15	7	8	16	9	10	17	11	12	18
PHASE	1	2	2 PED	3	4	4 PED	5	6	6 PED	7	8	8 PED	OLA	OLB	SPARE	OLC	OLD	SPARE
SIGNAL HEAD NO.	NU	22,23	P21, P22	NU	41,42, 43	NU	NU	62,63	NU	NU	81,82	P81, P82	61	NU	NU	21	NU	NU
RED		128			101			134			107							
YELLOW		129			102			135			108							
GREEN		130			103			136			109							
RED ARROW													A121			A114		
YELLOW ARROW													A122			A115		
FLASHING YELLOW ARROW													A123			A116		
GREEN ARROW																		
Hand icon					113							110						
Person icon					115							112						

NU = Not Used
 ★ See pictorial of head wiring in detail this sheet.

FYA SIGNAL WIRING DETAIL



INPUT FILE POSITION LAYOUT

(front view)

FILE "I"	1	2	3	4	5	6	7	8	9	10	11	12	13	14
U	S	∅2/SYS	∅2	S	S	∅4	∅4	S	S	S	S	∅2 PED	NOT USED	FS
L	2A/S2A	2C	S	S	4A	4C	S	S	S	S	S	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR
U	∅2/SYS	NOT USED	S	S	∅4	NOT USED	S	S	S	S	S	NOT USED	∅8 PED	ST
L	2B/S2B	DC ISOLATOR	S	S	4B	DC ISOLATOR	S	S	S	S	S	DC ISOLATOR	DC ISOLATOR	DC ISOLATOR
U	S	∅6/SYS	∅6	S	S	∅8	S	S	S	S	S	S	S	S
L	6A/S6A	6C	S	S	8A	S	S	S	S	S	S	S	S	S
U	∅6/SYS	NOT USED	S	S	NOT USED	S	S	S	S	S	S	S	S	S
L	6B/S6B	DC ISOLATOR	S	S	DC ISOLATOR	S	S	S	S	S	S	S	S	S

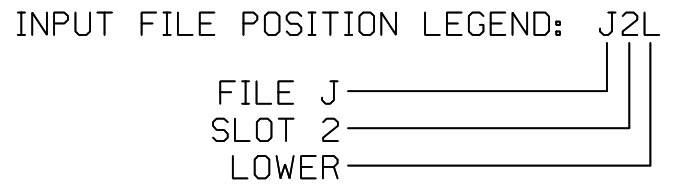
EX. : 1A, 2A, ETC. = LOOP NO.'S

FS = FLASH SENSE
 ST = STOP TIME

INPUT FILE CONNECTION & PROGRAMMING CHART

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND TIME	DELAY TIME	DETECTOR TYPE
2A/S2A	TB2-5,6	I2U	39	2	2	YES			N
2B/S2B	TB2-7,8	I2L	43	12	2	YES			N
2C	TB2-9,10	I3U	63	32	2	YES		3	G
4A	TB4-9,10	I6U	41	4	4	YES			S
4B	TB4-11,12	I6L	45	14	4	YES			S
4C	TB6-1,2	I7U	65	34	4	YES		15	S
6A/S6A	TB3-5,6	J2U	40	6	6	YES			N
6B/S6B	TB3-7,8	J2L	44	16	6	YES			N
6C	TB3-9,10	J3U	64	36	6	YES		3	G
8A	TB5-9,10	J6U	42	8	8	YES		10	S
PED PUSH BUTTONS									
P21,P22	TB8-4,6	I12U	67	PED 2	2 PED				
P81,P82	TB8-8,9	I13L	70	PED 8	8 PED				

NOTE:
 INSTALL DC ISOLATORS IN INPUT FILE SLOTS 112 AND 113.



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared For: **Kimley-Horn**

PLANS PREPARED IN THE OFFICE OF:
Kimley-Horn
 NC License #F-0102
 421 Fayetteville Street, Suite 600
 Raleigh, NC 27601
 (919) 677-2000

SR 1403 (South Reilly Road) at Jeffery Drive

Division 6 Cumberland County Fayetteville

PLAN DATE: July 2016 REVIEWED BY: KP Baumann

PREPARED BY: SP Pennington REVIEWED BY: SL Phillips

REVISIONS: INIT. DATE

9/16/2016

SIG. INVENTORY NO. 06-1339

9/16/2016 K:\REAL_T\DW\SIGNALS\4011036345_Foyeh\evl\11e\Electr\Coals\654 - Signal_Design\3rd_Submit\Final\42171_061339-2016e1.dgn Susan_Pennington