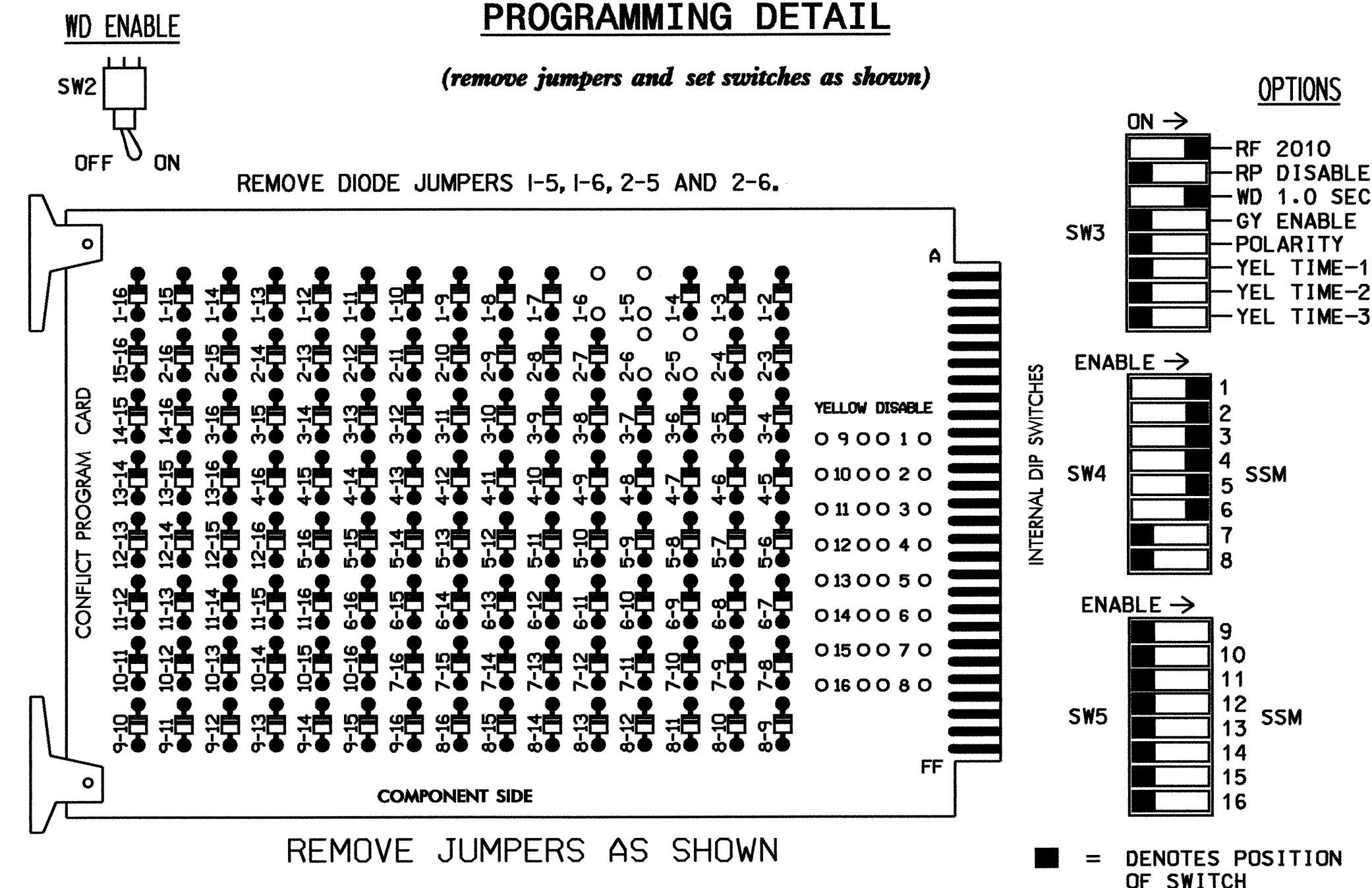


EDI MODEL 2010ECL CONFLICT MONITOR

PROGRAMMING DETAIL



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 7,8,9,10, 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 FEATURE, ON CONTROLLER UNIT, FOR ALL PHASES.
- THE CABINET AND CONTROLLER ARE PART OF THE FAYETTEVILLE SIGNAL SYSTEM.

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.	11,12	21,22	NU	22	31	32	41,42	43,44	62	NU	51,52	61,62	NU	NU	NU	NU
GREEN		13Ø		118	118		1Ø3					136				
YELLOW		129		117	117		1Ø2					135				
RED		128		116	116		1Ø1					134				
RED ARROW	125						1Ø1					131				
YELLOW ARROW	126			117			1Ø2	1Ø2				132				
GREEN ARROW	127			118	118		1Ø3	1Ø3				133				

NU = NOT USED

EQUIPMENT INFORMATION

CONTROLLER.....CONTRACTOR SUPPLIED 2070L
 CABINETCONTRACTOR SUPPLIED 332
 SOFTWAREECONOLITE OASIS
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S1,S2,S3,S4,S5,S6
 PHASES USED.....1,2,3,4,5,6
 OVERLAPS.....NONE

INPUT FILE POSITION LAYOUT

(front view)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
FILE "I" U	Ø 1	Ø 2	Ø 2	Ø 3	Ø 3	Ø 3	Ø 4	Ø 4	Ø 4	Ø 4	Ø 4	Ø 4	Ø 4	Ø 4
FILE "I" L	1A	2A	2C,2D	3B	3C	3D	4A	4E	4C	Ø 4	Ø 4	Ø 4	Ø 4	Ø 4
FILE "J" U	Ø 5	Ø 6	Ø 6	Ø 6	Ø 6	Ø 6	Ø 6	Ø 6	Ø 6	Ø 6	Ø 6	Ø 6	Ø 6	Ø 6
FILE "J" L	5A	6A	6C,6D	Ø 6	Ø 6	Ø 6	Ø 6	Ø 6	Ø 6	Ø 6	Ø 6	Ø 6	Ø 6	Ø 6
	5B	6B	NOT USED	Ø 6	Ø 6	Ø 6	Ø 6	Ø 6	Ø 6	Ø 6	Ø 6	Ø 6	Ø 6	Ø 6

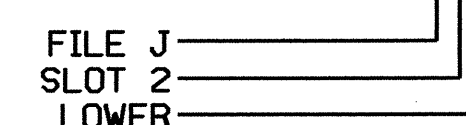
EX.: 1A, 2A, ETC. = LOOP NO.'S

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
1A	TB2-1,2	I1U	56	18	1	1	Y	Y			
1B	TB2-3,4	I1L	56	18	1	1	Y	Y			
2A	TB2-5,6	I2U	39	1	2	2	Y	Y		1.8	
2B	TB2-7,8	I2L	43	5	12	2	Y	Y		1.8	
2C,2D	TB2-9,10	I3U	63	25	32	2	Y	Y			
3A	TB2-11,12	I3L	76	38	42	3		Y		3.5	
3B	TB4-1,2	I4U	47	9	22	3		Y		3.5	
3C	TB4-5,6	I5U	58	20	3	3	Y	Y			3
3D	TB4-9,10	I6U	41	3	4	3	Y	Y			
3E	TB4-11,12	I6L	45	7	14	3	Y	Y			1Ø
4A	TB6-1,2	I7U	65	27	34	4		Y		3.5	
4B	TB6-3,4	I7L	78	40	44	4		Y		3.5	
4E	TB6-5,6	I8U	49	11	24	4	Y	Y			
4F	TB6-7,8	I8L	49	11	24	4	Y	Y			
4C	TB6-9,10	I9U	60	22	11	4	Y	Y			3
4D	TB6-11,12	I9L	62	24	13	4	Y	Y			3
5A	TB3-1,2	J1U	55	17	5	5	Y	Y			
5B	TB3-3,4	J1L	55	17	5	5	Y	Y			
6A	TB3-5,6	J2U	40	2	6	6	Y	Y		1.8	
6B	TB3-7,8	J2L	44	6	16	6	Y	Y		1.8	
6C,6D	TB3-9,10	J3U	64	26	36	6	Y	Y			

INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0051
 DESIGNED: JUNE 2004
 SEALED: 09-29-04
 REVISED:

THIS ELECTRICAL DETAIL SUPERSEDES THE DETAIL SEALED ON 06/25/04.

SIGNAL REVISION

Electrical and Programming Details For:

US 301/I-95 BUSINESS (GILLESPIE STREET) AT SR 1007 (OWEN DRIVE)

Prepared in the Office of:

Division 06 CUMBERLAND COUNTY FAYETTEVILLE

PLAN DATE: JUNE 2004 REVIEWED BY: T. JOYCE

PREPARED BY: JAMES PETERSON REVIEWED BY:

REVISIONS: INIT. DATE

Signature: James Peterson

DATE: 06-0051

Seal: NORTH CAROLINA PROFESSIONAL ENGINEER GEORGE C. BRUNN