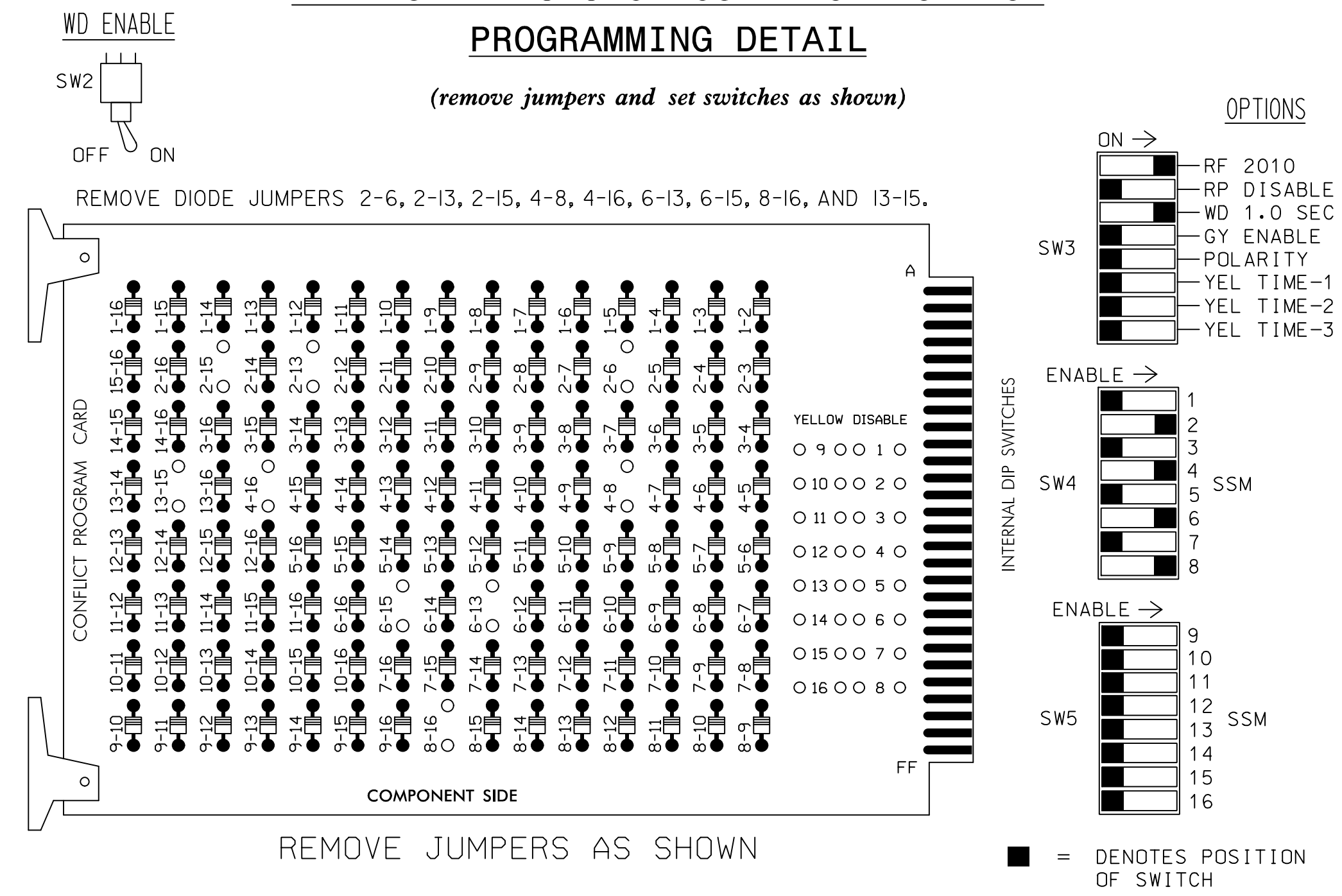


EDI MODEL 2010ECL CONFLICT MONITOR PROGRAMMING DETAIL



- REMOVE JUMPERS AS SHOWN
- NOTES:
- Card is provided with all diode jumpers in place. Removal of any jumper allows its channels to run concurrently.
 - Make sure jumpers SEL2-SEL5 are present on the monitor board.
 - Ensure YEL TIME-1, YEL TIME-2, and YEL TIME-3 are OFF.

NOTES

- TO PREVENT "FLASH-CONFLICT" PROBLEMS, INSERT RED FLASH PROGRAM BLOCKS FOR ALL UNUSED VEHICLE LOAD SWITCHES IN OUTPUT FILE. THE INSTALLER SHALL VERIFY THAT SIGNAL HEADS FLASH IN ACCORDANCE WITH THE SIGNAL PLANS.
- TO PREVENT RED FAILURES ON UNUSED MONITOR CHANNELS, SEE RED MONITOR BOARD PROGRAMMING DETAIL THIS SHEET.
- PROGRAM CONTROLLER TO START UP IN PHASES 2 AND 6 GREEN.
- PROGRAM PHASES 2, 6, AND 8 FOR STARTUP PED CALL.
- ENABLE SIMULTANEOUS GAP-OUT FEATURE, ON CONTROLLER UNIT, FOR ALL PHASES.
- PROGRAM PHASES 4 AND 8, ON CONTROLLER UNIT, FOR DUAL ENTRY.
- PROGRAM PHASES 2 AND 6, ON CONTROLLER UNIT, FOR VARIABLE INITIAL AND GAP REDUCTION.
- THE CABINET AND CONTROLLER ARE PART OF THE US 25 (HENDERSONVILLE RD) CLS.

SIGNAL HEAD HOOK-UP CHART

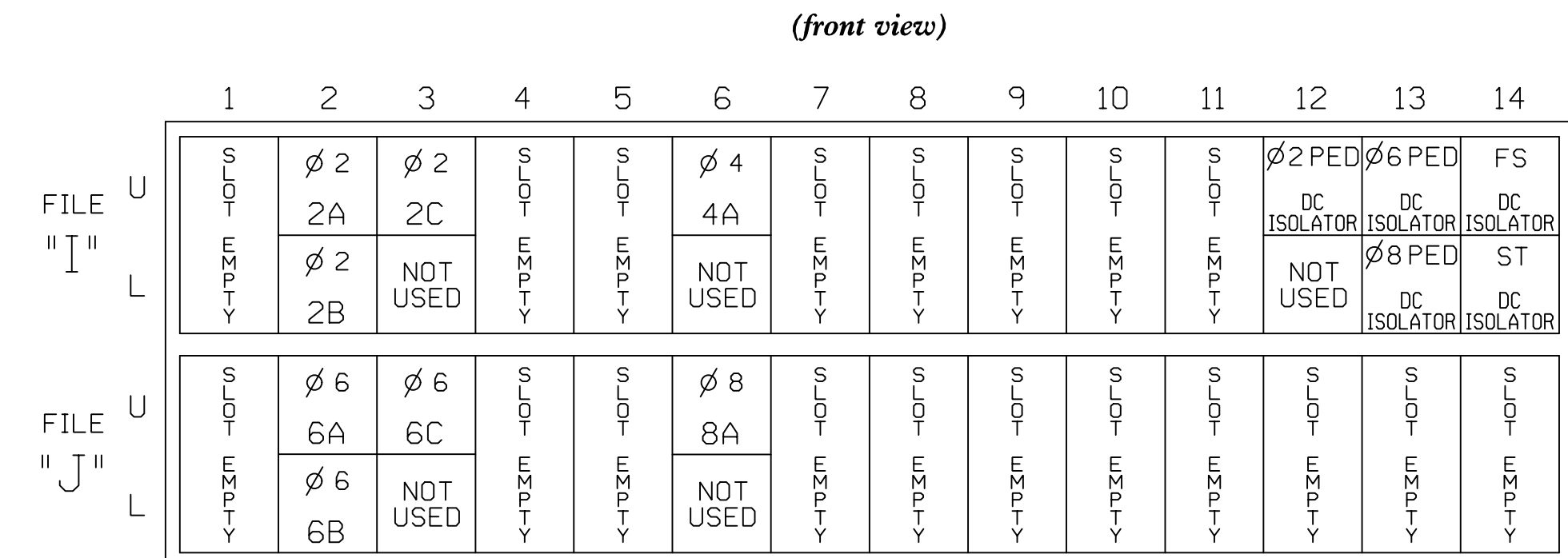
LOAD SWITCH NO.	S1	S2	S2P	S3	S4	S4P	S5	S6	S6P	S7	S8	S8P
PHASE	1	2	2 PED	3	4	4 PED	5	6	6 PED	7	8	8 PED
SIGNAL HEAD NO.	NU	21,22	P21, P22	NU	41,42	NU	NU	61,62	P61, P62	NU	81,82	P81, P82
RED		128			101			134			107	
YELLOW		129			102			135			108	
GREEN		130			103			136			109	
RED ARROW												
YELLOW ARROW												
GREEN ARROW												
			113						119			110
			115						121			112

NU = Not Used

EQUIPMENT INFORMATION

CONTROLLER.....EAGLE TYPE 2070L
 CABINETMcCAIN/CONTROL TECHNOLOGIES (DWG.NO.9500-332-NCDOT)
 SOFTWAREECONOLITE OASIS
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S2,S2P,S4,S6,S6P,S8,S8P
 PHASES USED.....2,2 PED,4,6,6 PED,8,8 PED
 OVERLAPS.....NONE

INPUT FILE POSITION LAYOUT

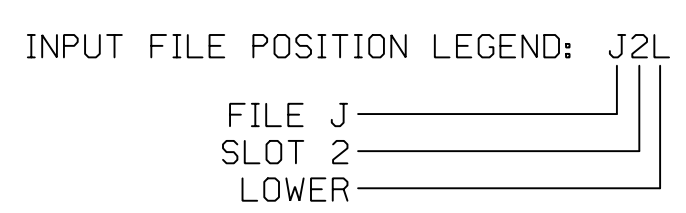


EX.: 1A, 2A, ETC. = LOOP NO.'S
 FS = FLASH SENSE
 ST = STOP TIME

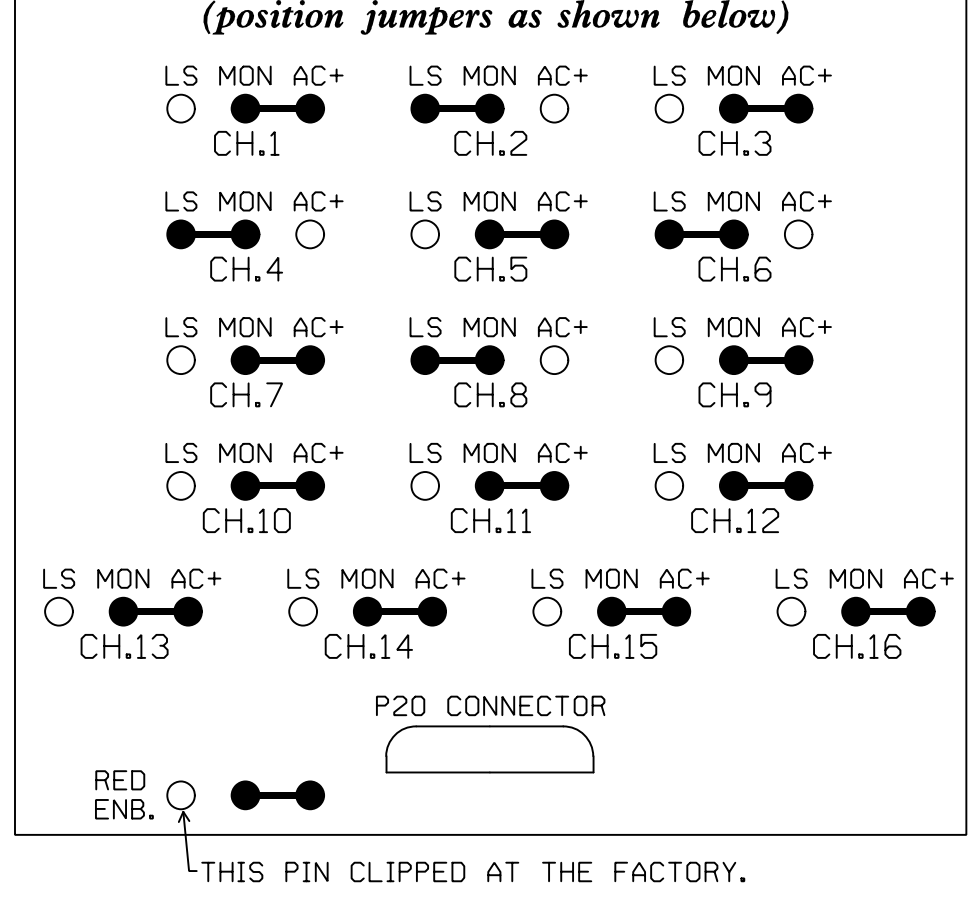
INPUT FILE CONNECTION & PROGRAMMING CHART

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	-	-	-
2B	TB2-7,8	I2L	43	5	12	2	Y	Y	-	-	-
2C	TB2-9,10	I3U	63	25	32	2	Y	Y	Y	-	3
4A	TB4-9,10	I6U	41	3	4	4	Y	Y	-	-	5
6A	TB3-5,6	J2U	40	2	6	6	Y	Y	-	-	-
6B	TB3-7,8	J2L	44	6	16	6	Y	Y	-	-	-
6C	TB3-9,10	J3U	64	26	36	6	Y	Y	Y	-	3
8A	TB5-9,10	J6U	42	4	8	8	Y	Y	-	-	10
PED PUSH BUTTONS											
P21,P22	TB8-4,6	I12U	67	29	PED 2	2 PED					
P61,P62	TB8-7,9	I13U	68	30	PED 6	6 PED					
P81,P82	TB8-8,9	I13L	70	32	PED 8	8 PED					

NOTE:
 INSTALL DC ISOLATORS IN INPUT FILE SLOTS I12 AND I13.



RED MONITOR BOARD PROGRAMMING



COUNTDOWN PEDESTRIAN SIGNAL OPERATION

Countdown Ped Signals are required to display timing only during Ped Clearance Interval. Consult Ped Signal Module user's manual for instructions on selecting this feature.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 14-1039
 DESIGNED: APR 2018
 SEALED: 10/8/2018
 REVISED: N/A

Electrical Detail

Electrical and Programming Details For: **US 25 (Hendersonville Road) at SR 1361 (St Johns Road) / Baldwin Circle**

Division 14 Henderson County Fletcher

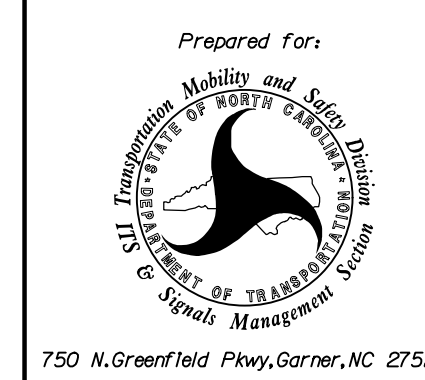
PLAN DATE: April 2018 REVIEWED BY: R. Dubnicka
 PREPARED BY: J. Trueblood REVIEWED BY: J. Carroll

REVISIONS: _____ INIT. DATE

DocuSigned by: *Justin T. Carroll* 10/8/2018

SIGNATURE: _____ DATE: _____

SIG. INVENTORY NO. 14-1039



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED