2. From CONFIGURATION Submenu select 8. LOGIC PROCESSOR

3. From LOGIC PROCESSOR Submenu select 2. LOGIC STATEMENTS

ENTER A "1" IN THE LP# FIELD, PRESS 'ENTER', AND PROGRAM AS SHOWN.

LP#:	1 COPY FROM: 1	ACTIVE: M
ΙF	DET	52 IS ON
THEN	LP SET LOGIC FLAG	1 ON
ELSE		

IF RR1 PREEMPT (REMAPPED AS DET 52) INPUT IS ACTIVE, SET LOGIC FLAG 1 ON.

ENTER A "2" IN THE LP# FIELD, PRESS 'ENTER', AND PROGRAM AS SHOWN.

LP#:	2 COPY FROM: 2	ACTI	VE: M
ΙF	LP FLAG	1	IS ON
THEN	PMT CALL PMT SEQ	2	ON
ELSE			

IF LOGIC FLAG 1 IS ON, THEN INITIATE PREEMPT 2 SEQUENCE. THE PREEMPT MAY OR MAY NOT ACTUALLY BE SERVED DEPENDING ON THE STATE OF THE OTHER RR PREEMPT INPUT.

ENTER A "3" IN THE LP# FIELD, PRESS 'ENTER', AND PROGRAM AS SHOWN.

THEN DET 54 IS ON THEN LP SET LOGIC FLAG 2 ON ELSE	LP#:	3	COPY FROM	3	ACTI	√E :	М
	IF [DET			54	IS	ON
ELSE	THEN	LP	SET LOGIC	FLAG	2		ON
	ELSE						

IF RR2 PREEMPT (REMAPPED AS DET 54) INPUT IS ACTIVE, SET LOGIC FLAG 2 ON.

ENTER A "4" IN THE LP# FIELD, PRESS 'ENTER', AND PROGRAM AS SHOWN.

	4 COPY FROM: 4 LP FLAG	ACTIVE:	
THEN	PMT CALL PMT SEQ	4	ON
ELSE			

IF LOGIC FLAG 2 IS ON, THEN INITIATE PREEMPT 4 SEQUENCE. THE PREEMPT MAY OR MAY NOT ACTUALLY BE SERVED DEPENDING ON THE STATE OF THE OTHER RR PREEMPT INPUT.

ENTER A "5" IN THE LP# FIELD, PRESS 'ENTER', AND PROGRAM AS SHOWN.

LP#:	5 COPY FROM:	5	ACTI	VE:	М
I F AND	DET DET			IS IS	OFF OFF
THEN THEN	LP SET LOGIC FLA		1 2		OF F OF F
ELSE					

END PROGRAMMING

1. From Main Menu select | 1. CONFIGURATION

2. From CONFIGURATION Submenu select 8. LOGIC PROCESSOR

3. From LOGIC PROCESSOR Submenu select | 1. LOGIC STATEMENT CONTROL

ENABLE LOGIC PROCESSOR STATEMENTS 1-5 BY POSITIONING THE CURSOR OVER THE FIELDS SHOWN BELOW AND USING THE TOGGLE KEY TO ENABLE THEM.

LOGIC STA	TEM	IENT	CO	INTR	OL											
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	
LP 1-15	Ε	Ε	Ε	Ε	Ε	•	•	•	•	•	•	•	•	•	•	
LP 16-30	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
LP 31-45	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
LP 46-60	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
LP 61-75	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
LP 76-90	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	

END PROGRAMMING

ECONOLITE ASC/3-2070 I/O PIN REMAPPING FOR RR1 AND RR2 PREEMPT INPUTS

The ASC/3 Configurator utility program must be used to remap the I/O pins as shown below. Consult the ASC/3 Configurator User Guide for specific instructions on software use.

ASSIGNED FUNCTION

1. Run the Configurator utility. Load a file as the Current DB.

2. Choose the C1-in tab to change the I/O mapping as needed. Use the drop down list within the program to select the assigned function for the pins shown below.

3. Save the database file and download it to the controller.

PIN	51-PREEMPT	1	CALL-	DETECTOR 52	•
PIN	52-PREEMPT	2	CALL-	DETECTOR 54	•

DEFAULT

PIN # FUNCTION

NOTE: The steps below can be used to view changes to I/O pins within the controller. Any I/O pins that have been remapped will display and show their default function in addition to the current assigned function.

1. From Main Menu select | 7. STATUS DISPLAY

2. From STATUS DISPLAY Submenu select | 8. INPUTS/OUTPUTS

3. From INPUT/OUTPUT Submenu select | 9. I/O DIFFERENCES

PROGRAMMING DETAIL FOR REMAPPED DETECTORS (program controller as shown)

ECONOLITE ASC/3-2070 VEHICLE DETECTOR SETUP

PROJECT REFERENCE NO.

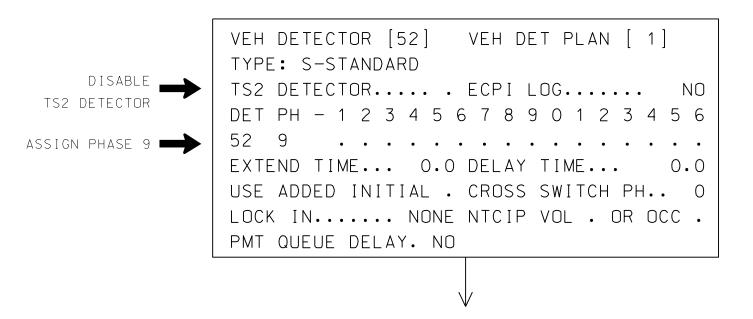
SIG-67.

The preempt inputs remapped as detectors that are to be used by the logic processor are assigned to a dummy phase 9 as shown in the detector setup programming below.

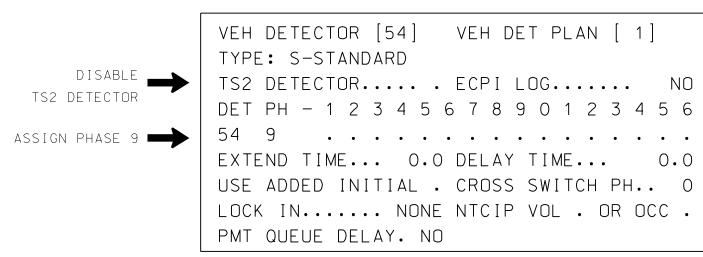
1. From Main Menu select 6. DETECTORS

2. From DETECTOR Submenu select | 2. VEHICLE DETECTOR SETUP

- Place cursor in VEH DETECTOR [] position and enter "52".



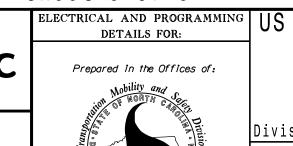
- Place cursor in VEH DETECTOR [] position and enter "54".



END PROGRAMMING

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0054T2 DESIGNED: March 2018 SEALED: 03-29-2018 REVISED: N/A

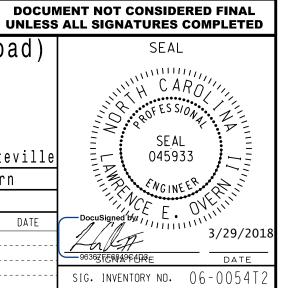
Temporary Design 2 - TMP Phase II



ELECTRICAL AND PROGRAMMING US 401 Business (Raeford Road) McPherson Church Road/ Owen Drive

March 2018 REVIEWED BY: L Overn

Division 6 Cumberland County Fayetteville PREPARED BY: G B Spell REVIEWED BY: REVISIONS INIT. DATE



WHEN BOTH PREEMPT INPUTS GO INACTIVE, THIS LOGIC RESETS THE LOGIC FLAG THAT IS HOLDING THE ACTIVE PREEMPT ACTIVE, AND RESETS THE OTHER LOGIC FLAG TO PREVENT IT FROM CALLING THE OTHER PREEMPT.

Electrical Detail - Sheet 5 of 5

Stantec Stantec Consulting Services Inc. 801 Jones Franklin Road-Suite 300 Raleigh, NC 27606 Tel. (919) 851-6866 Fax. (919) 851-7024 www.stantec.com

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NOTE: PREEMPT INPUTS

REMAPPED

AS DETECTORS