

ECONOLITE ASC/3-2070 VEHICLE DETECTOR SETUP PROGRAMMING DETAIL FOR ALTERNATE PHASING LOOPS 1A and 5A

(program controller as shown)

IMPORTANT!

Program detectors per the input file connection and programming chart shown on sheet 1 before proceeding.

1. From Main Menu select **8. UTILITIES**
2. From UTILITIES Submenu select **1. COPY/CLEAR**
3. Copy from DETECTOR PLAN "1" to DETECTOR PLAN "2".

COPY / CLEAR UTILITY
FROM TO
PHASE TIMING.... > PHASE TIMING....
TIMING PLAN.... > TIMING PLAN....
PH DET OPT PLAN. > PH DET OPT PLAN..
DETECTOR PLAN... 1 > DETECTOR PLAN... 2
TOGGLE TO SELECT A "FROM" AND A "TO"
THEN PRESS ENTER

4. From Main Menu select **6. DETECTORS**
5. From DETECTOR Submenu select **2. VEHICLE DETECTOR SETUP**
6. Place cursor in VEH DET PLAN [] position and enter "2".

- Place cursor in VEH DETECTOR [] position and enter "1".
- Set delay time to "0".

VEH DETECTOR [1]	VEH DET PLAN [2]		← NOTICE VEH DET PLAN 2
TYPE: S-STANDARD			
TS2 DETECTOR..... ECPI LOG..... NO			
DET PH - 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6			
1 1			
EXTEND TIME... 0.0 DELAY TIME... 0.0			
USE ADDED INITIAL . CROSS SWITCH PH.. 0			
LOCK IN..... NONE NTCIP VOL . OR OCC .			
PMT QUEUE DELAY. NO			

- Place cursor in VEH DETECTOR [] position and enter "26".
- Set assigned phase to "0".

VEH DETECTOR [26]	VEH DET PLAN [2]		← NOTICE VEH DET PLAN 2
TYPE: G-GREEN EXTENSION/DELAY			
TS2 DETECTOR..... ECPI LOG..... NO			
DET PH - 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6			
26 0			
EXTEND TIME... 0.0 DELAY TIME... 0.0			
USE ADDED INITIAL . CROSS SWITCH PH.. 0			
LOCK IN..... NONE NTCIP VOL . OR OCC .			
PMT QUEUE DELAY. NO			

ENSURE PHASE IS SET TO "0" →

- Place cursor in VEH DETECTOR [] position and enter "5".
- Set delay time to "0".

VEH DETECTOR [5]	VEH DET PLAN [2]		← NOTICE VEH DET PLAN 2
TYPE: S-STANDARD			
TS2 DETECTOR..... ECPI LOG..... NO			
DET PH - 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6			
5 5			
EXTEND TIME... 0.0 DELAY TIME... 0.0			
USE ADDED INITIAL . CROSS SWITCH PH.. 0			
LOCK IN..... NONE NTCIP VOL . OR OCC .			
PMT QUEUE DELAY. NO			

- Place cursor in VEH DETECTOR [] position and enter "22".
- Set assigned phase to "0".

VEH DETECTOR [22]	VEH DET PLAN [2]		← NOTICE VEH DET PLAN 2
TYPE: G-GREEN EXTENSION/DELAY			
TS2 DETECTOR..... ECPI LOG..... NO			
DET PH - 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6			
22 0			
EXTEND TIME... 0.0 DELAY TIME... 0.0			
USE ADDED INITIAL . CROSS SWITCH PH.. 0			
LOCK IN..... NONE NTCIP VOL . OR OCC .			
PMT QUEUE DELAY. NO			

ENSURE PHASE IS SET TO "0" →

END PROGRAMMING

ECONOLITE ASC/3-2070 OVERLAP PROGRAMMING DETAIL (program controller as shown)

1. From Main Menu select **2. CONTROLLER**
2. From CONTROLLER Submenu select **2. VEHICLE OVERLAPS**

OVERLAP A

Select TMG VEH OVLP [A] and 'PPLT FYA'

TMG VEH OVLP...[A] TYPE:	PPLT FYA
PROTECTED PHASE (LEFT TURN)..... 1	
PERMISSIVE PHASE (OPPOSING THRU).... 2	
FLASHING ARROW OUTPUT.....CH9 ISOLATE	
DELAY START OF: FYA..0.0 CLEARANCE..0.0	
ACTION PLAN SF BIT DISABLE..... 1	

← NOTICE ACTION PLAN SF BIT "1"

Toggle Twice

OVERLAP C

Select TMG VEH OVLP [C] and 'PPLT FYA'

TMG VEH OVLP...[C] TYPE:	PPLT FYA
PROTECTED PHASE (LEFT TURN)..... 5	
PERMISSIVE PHASE (OPPOSING THRU).... 6	
FLASHING ARROW OUTPUT.....CH11 ISOLATE	
DELAY START OF: FYA..0.0 CLEARANCE..0.0	
ACTION PLAN SF BIT DISABLE..... 5	

← NOTICE ACTION PLAN SF BIT "5"

END PROGRAMMING

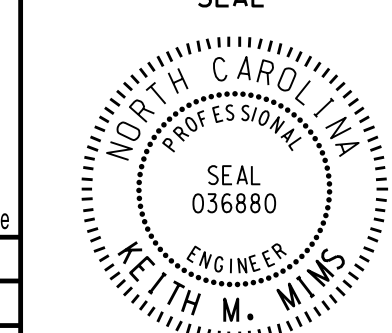
COUNTDOWN PEDESTRIAN SIGNAL OPERATION

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: 06-0448
DESIGNED: August 2016
SEALED: 10-07-16
REVISED: N/A

Electrical Detail Sheet 2 of 3

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

<p style="font-size: small;">ELECTRICAL AND PROGRAMMING DETAILS FOR:</p> <p style="font-size: x-small;">Prepared In the Offices of: TRANSPORTATION MOBILITY AND SAFETY DIVISION STATE OF NORTH CAROLINA Signal Management Section 750 N. Greenfield Pkwy, Garner, NC 27529</p>	<p>US 401 (Ramsey Street) at SR 1615 (Stacy Weaver Drive) / Entrance to Methodist College</p> <p style="font-size: x-small;">Division 6 Cumberland County Fayetteville</p> <p>PLAN DATE: October 2016 REVIEWED BY:</p> <p>PREPARED BY: James Peterson REVIEWED BY:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">REVISIONS</th> <th style="width: 20%;">INIT.</th> <th style="width: 30%;">DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	REVISIONS	INIT.	DATE				<p>SEAL</p>  <p>DocuSigned by: Keith M. Mims 10/31/2016 2F8078E8C344AS DATE</p> <p style="font-size: x-small;">SIG. INVENTORY NO. 06-0448</p>
REVISIONS	INIT.	DATE						

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J. Peterson