

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

Toggle to 'Overlap A'

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OVERLAP A

Select TMG VEH OVLP [A] and 'OTHER/ECONOLITE'

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TMG VEH OVLP...[A] TYPE: OTHER/ECONOLITE
 PHASES 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
 INCLUDED . X . . . . .
 PROTECT . . . . .
 PED PRTC . . . . .
 NOT OVLP . . . . .
 FLSH GRN . 1 . . . . .
 LAG X PH . . . . .
 LAG 2 PH . . . . .

 LAG GRN 0.0 YEL 0.0 RED 0.0 ADV GRN 0.0
    
```

Toggle Twice

↓

OVERLAP C

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

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TMG VEH OVLP...[C] TYPE: . . . . . PPLT FYA
 PROTECTED LEFT TURN.... PHASE 5
 OPPOSING THROUGH..... PHASE 6

 FLASHING ARROW OUTPUT....CH11 ISOLATE
 DELAY START OF: FYA..0.0 CLEARANCE..0.0
 ACTION PLAN SF BIT DISABLE..... 5
    
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← NOTICE ACTION PLAN SF BIT "5"

Toggle Once

↓

OVERLAP D

Select TMG VEH OVLP [D] and 'OTHER/ECONOLITE'

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TMG VEH OVLP...[D] TYPE: OTHER/ECONOLITE
 PHASES 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
 INCLUDED . . . X X . . . . .
 PROTECT . . . . .
 PED PRTC . . . . .
 NOT OVLP . . . . .
 FLSH GRN . . . 1 1 . . . . .
 LAG X PH . . . . .
 LAG 2 PH . . . . .

 LAG GRN 0.0 YEL 0.0 RED 0.0 ADV GRN 0.0

 END PROGRAMMING
    
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ECONOLITE ASC/3-2070 VEHICLE DETECTOR SETUP PROGRAMMING DETAIL FOR ALTERNATE PHASING LOOP 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".

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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
    
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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 "5".
- Set delay time to "0".

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VEH DETECTOR [ 5] VEH DET PLAN [ 2]
 TYPE: N-NTCIP
 TS2 DETECTOR.... X ECPI LOG..... NO
 DET PH - 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
 5 5 . . . . .
 CALL OPTION.... YES DELAY TIME... 3.0
 EXT OPTION. PASSAGE EXTENSION TIME. 0.0
 USE ADDED INITIAL . CROSS SWITCH PH.. 0
 LOCK IN..... NONE NTCIP VOL . OR OCC .
 PMT QUEUE DELAY. NO
    
```

← NOTICE VEH DET PLAN 2

← ENSURE DELAY IS SET TO '3'

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

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VEH DETECTOR [ 22] VEH DET PLAN [ 2]
 TYPE: N-NTCIP
 TS2 DETECTOR.... X ECPI LOG..... NO
 DET PH - 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
 22 0 . . . . .
 CALL OPTION.... YES DELAY TIME... 0.0
 EXT OPTION. PASSAGE EXTENSION TIME. 0.0
 USE ADDED INITIAL . CROSS SWITCH PH.. 0
 LOCK IN..... NONE NTCIP VOL . OR OCC .
 PMT QUEUE DELAY. NO
    
```

← NOTICE VEH DET PLAN 2

← ENSURE PHASE IS SET TO "0"

END PROGRAMMING

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 14-0751
 DESIGNED: May 2022
 SEALED: 05/10/2022
 REVISED: N/A

FLASHER CIRCUIT MODIFICATION DETAIL

IN ORDER TO ENSURE THAT SIGNALS FLASH CONCURRENTLY ON THE SAME APPROACH, MAKE THE FOLLOWING FLASHER CIRCUIT CHANGES:

1. ON REAR OF PDA - REMOVE WIRE FROM TERM. T2-4 AND TERMINATE ON T2-2.
2. ON REAR OF PDA - REMOVE WIRE FROM TERM. T2-5 AND TERMINATE ON T2-3.
3. REMOVE FLASHER UNIT 2.

THE CHANGES LISTED ABOVE TIES ALL PHASES AND OVERLAPS TO FLASHER UNIT 1.

Electrical Detail - Sheet 2 of 3

<p>ELECTRICAL AND PROGRAMMING DETAILS FOR:</p> <p style="font-size: small;">Prepared for the Offices of:</p> <p style="font-size: x-small;">750 N. Greenfield Pkwy, Garner, NC 27529</p>	<p>US 129 at SR 1106 (E. Main Street)</p> <p>Division 14 Graham County Robbinsville</p> <p>PLAN DATE: May 2022 REVIEWED BY: J. Ma</p> <p>PREPARED BY: M.L. Stygles REVIEWED BY:</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <tr> <th>REVISIONS</th> <th>INIT.</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	REVISIONS	INIT.	DATE				<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p> <p style="font-size: x-small;">SEAL</p> <p style="font-size: x-small;">DocuSigned by: Jianxin Ma 5/10/2022 02:28:15 827E1953081444E DATE SIG. INVENTORY NO. 14-0751</p>
REVISIONS	INIT.	DATE						