

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 'OTHER/ECONOLITE'

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 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	

Toggle Once

OVERLAP B

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

TMG VEH OVLP...[B] 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	

Toggle Once

OVERLAP C

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

TMG VEH OVLP...[C] 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	

Toggle Once

OVERLAP D

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

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	

Toggle Once

OVERLAP E

Select TMG VEH OVLP [E] and 'NORMAL'

TMG VEH OVLP...[E] TYPE:	NORMAL
PHASES 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6	
INCLUDED . . X	
LAG GRN 0.0 YEL 0.0 RED 0.0	

Toggle Once

OVERLAP F

Select TMG VEH OVLP [F] and 'NORMAL'

TMG VEH OVLP...[F] TYPE:	NORMAL
PHASES 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6	
INCLUDED X	
LAG GRN 0.0 YEL 0.0 RED 0.0	

Toggle Once

OVERLAP G

Select TMG VEH OVLP [G] and 'NORMAL'

TMG VEH OVLP...[G] TYPE:	NORMAL
PHASES 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6	
INCLUDED X	
LAG GRN 0.0 YEL 0.0 RED 0.0	

Toggle Once

OVERLAP H

Select TMG VEH OVLP [H] and 'NORMAL'

TMG VEH OVLP...[H] TYPE:	NORMAL
PHASES 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6	
INCLUDED . . X	
LAG GRN 0.0 YEL 0.0 RED 0.0	

END PROGRAMMING

NOTES

1. 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.
2. Enable Simultaneous Gap-Out for all phases.
3. Program phases 2 and 6 for volume density operation.
4. Program controller to start up in phase 2 Walk and 6 Walk.
5. The cabinet and controller are part of the Fayetteville Signal System.

EQUIPMENT INFORMATION

CONTROLLER.....2070E
 CABINET.....332 W/AUX
 SOFTWARE.....ECONOLITE ASC/3-2070
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...18 WITH AUX. OUTPUT FILE
 LOAD SWITCHES USED.....S1,S2,S3,S4,S5,S6,S7,S8,S9,S10,S11,S12,
 AUX S1,AUX S2,AUX S3,
 AUX S4,AUX S5,AUX S6

PHASES USED.....1,2,2PED,3,4,4PED,5,6,6PED,7,8,8PED
 OVERLAP "A".....*
 OVERLAP "B".....*
 OVERLAP "C".....*
 OVERLAP "D".....*
 OVERLAP "E".....3
 OVERLAP "F".....7
 OVERLAP "G".....7
 OVERLAP "H".....3

* See overlap programming detail on this sheet

FLASHER CIRCUIT MODIFICATION DETAIL

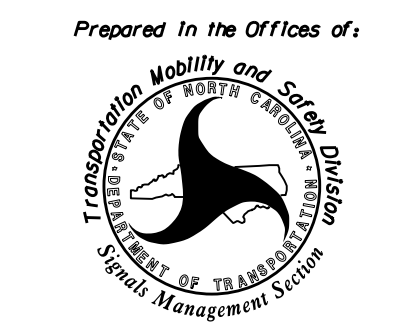
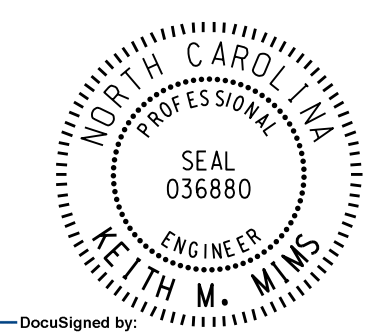
In order to ensure that signals flash concurrently on the same approach, make the following flasher circuit changes:

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 4

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

Prepared In the Offices of:  750 N. Greenfield Pkwy, Garner, NC 27529	US 401 Bus (Raeford Road) at NC 59 (Hope Mills Road)/ SR 1596 (Glensford Drive) Division 6 Cumberland County Fayetteville PLAN DATE: June 2016 REVIEWED BY: BAS PREPARED BY: S. Armstrong REVIEWED BY:	SEAL  KEITH M. MIMS ENGINEER 036880
THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0155 DESIGNED: January 2016 SEALED: 8/29/2016 REVISED: N/A		DocuSigned by: Keith M. Mims 10/13/2016 2F80786E8C12445 DATE SIG. INVENTORY NO. 06-0155

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