

(program controller as shown)

- OVERLAP A

```

TMG VEH OVLP...[A] TYPE: ....[PPLT FYA]
PROTECTED LEFT TURN....    PHASE      1
OPPOSING THROUGH.....    PHASE      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 Once

OVERLAP 5

IMG	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	.	.	.	.	.	.	.	.	.	.	.	.
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 Once

OVERLAP C

```

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

```

← NOTICE ACTION
PLAN SE BIT "5"

Toggle Once

OVERLAP C

IMG	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	.	.	.	.	.	.	.	.
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								

END PROGRAMMING

LOOPS 1A AND 5A

(program controller as shown)

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 "3".

```

VEH DETECTOR [ 1 ]      VEH DET PLAN [ 2 ]
TYPE: N-NTCIP
TS2 DETECTOR..... ECPI LOG..... N
DET PH - 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5
1 1 . . . . . . . . . . . . . . . .
CALL OPTION.... YES DELAY TIME... 3.
EXT OPTION. PASSAGE EXTENSION TIME. 0.
USE ADDED INITIAL . CROSS SWITCH PH..
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 "26".
- Set assigned phase to "0".

```

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

```

← NOTICE VEH
DET PLAN 2

ENSURE PHASE
IS SET TO "0" →

- Place cursor in VEH DETECTOR [] position and enter "5".
- Set delay time to "3".

```

VEH DETECTOR [ 5]      VEH DET PLAN [ 2]
TYPE: N-NTCIP
TS2 DETECTOR..... ECPI LOG..... N
DET PH - 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5
   5 5   . . . . . . . . . . . . . . . .
CALL OPTION.... YES DELAY TIME... 3.
EXT OPTION. PASSAGE EXTENSION TIME. 0.
USE ADDED INITIAL . CROSS SWITCH PH..
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".

```

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

```

← NOTICE VEH
DET PLAN 2

ENSURE PHASE
16 GET TO "0"

END PROGRAMMING

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 07-1115T1
DESIGNED: January 2025
SEALED: 03-14-2025
REVISED: N/A

Electrical Detail - Sheet 2 of 4
Temporary Design 1

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

ELECTRICAL AND PROGRAMMING DETAILS FOR:	SR 1850 (Sandy Ridge Road) at SR 1556 (Gallimore Dairy Road)	SEAL 																						
Prepared for the Offices of:	Division 7 Guilford County High Point																							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">PLAN DATE: January 2025</td> <td style="width: 50%;">REVIEWED BY: AM Encarnacion</td> </tr> <tr> <td>PREPARED BY: JT Stiff</td> <td>REVIEWED BY: PL Alexander</td> </tr> <tr> <td style="text-align: center;">REVISONS</td> <td style="text-align: center;">INIT. DATE</td> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>		PLAN DATE: January 2025	REVIEWED BY: AM Encarnacion	PREPARED BY: JT Stiff	REVIEWED BY: PL Alexander	REVISONS	INIT. DATE																
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750 N.Greenfield Pkwy, Garner, NC 27529	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"> Digitally Signed by: <i>Anthony Encarnacion</i> DN: cn=Anthony Encarnacion, o=Professional Engineer, ou=State of North Carolina, email=encarnacion@ncdps.com, c=US </td> <td style="width: 40%; text-align: right;"> 3/14/2025 DATE </td> </tr> <tr> <td style="text-align: center;">SIGNATURE</td> <td style="text-align: center;">DATE</td> </tr> <tr> <td style="text-align: center;">SIG. INVENTORY NO.</td> <td style="text-align: center;">07-111511</td> </tr> </table>		Digitally Signed by: <i>Anthony Encarnacion</i> DN: cn=Anthony Encarnacion, o=Professional Engineer, ou=State of North Carolina, email=encarnacion@ncdps.com, c=US	3/14/2025 DATE	SIGNATURE	DATE	SIG. INVENTORY NO.	07-111511																
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