PROJECT REFERENCE NO.	SHEET NO.
W-5601FB	Sig. 3

INIT & N.A. RESP PROGRAMMING DETAIL

(program controller as shown below)

From Main Menu, press '3' (Phase Data)

```
SE-PAC PHASE DATA        PRESS # DESIRED

 1-VEHICLE TIMES        6-N.LOCK & MISC
 2-DENSITY TIMES        7-SPEC. SEQUENCE
 3-PEDEST. TIMES        8-SPEC. DETECTOR
 4-INIT & N.A. RESP     9-PHASE COPY
 5-V & P RECALLS        0-MISC PED OPTIONS

                              F-PRIOR MENU
```

Note Phase 1 NOT used! →

```
PHASE......1...2...3...4...5...6...7...8
 INITIAL   0   4   0   1   1   4   0   0
 NA RESP   0   1   0   2   0   1   0   0

CODES.......0....1....2....3....4....5
 INITIAL  NONE INACT RED  YEL  GRN  DRK
 NA RESP  NONE  NA1  NA2 BOTH  ---  ---
A-UP B-DN C-LT D-RT E-ENTER F-PRIOR MENU
```

INIT & N.A. RESP programming complete.

PROTECTED & PERMISSIVE PHASES for FLASHING YELLOW ARROW

(program controller as shown below)

FROM MAIN MENU PRESS 4 (UNIT DATA)

```
SE-PAC UNIT DATA         PRESS # DESIRED

 1-STARTUP & MISC       6-ALT SEQUENCES
 2-REMOTE FLASH         7-PORT 1 DATA
 3-OVERLAP STANDARD     8-I/O MISC
 4-OVERLAP SPECIAL      9-SIG DRV OUT
 5-RING STRUCTURE

                              F-PRIOR MENU
```

```
SE-PAC OVLP.A...B...C...D...E...F...G...H.
   TR GRN   0   0   0   0   0   0   0   0
   YEL/10  40  40  40  40  40  40  40  40
   RED/10  20  20  20  20  20  20  20  20
   -G/Y     1   0   5   0   0   0   0   0
   +GRN     2   0   6   0   0   0   0   0
(-) #-PH G/Y KILLS OVLP= (+) #-PH G STRT
A-UP B-DN C-LT D-RT E-ENTER F-PRIOR MENU
```

← PROTECTED PHASES
← PERMISSIVE PHASES

NOTE: THIS PROGRAMMING IS REQUIRED FOR SIGNAL HEAD 51 SO THAT THE SOLID GREEN ARROW TURNS ON EXCLUSIVELY DURING THE PROTECTED GREEN INTERVAL PHASE 5. THE FLASHING YELLOW ARROW FOR SIGNAL HEADS 51 AND 61 FLASHES ONLY DURING PERMITTED GREEN PHASES 2 & 6.

PPLT DEFINITION PROGRAMMING COMPLETE

PRESS 'F' TO RETURN TO UNIT DATA

FLASHING YELLOW ARROW PROTECTED/PERMISSIVE SEQUENCE for OVERLAPS "A" & "C"

(program controller as shown below)

FROM MAIN MENU PRESS 4 (UNIT DATA)

```
SE-PAC UNIT DATA         PRESS # DESIRED

 1-STARTUP & MISC       6-ALT SEQUENCES
 2-REMOTE FLASH         7-PORT 1 DATA
 3-OVERLAP STANDARD     8-I/O MISC
 4-OVERLAP SPECIAL      9-SIG DRV OUT
 5-RING STRUCTURE

                              F-PRIOR MENU
```

DO NOT enter any OVL PHASES! →

```
SE-PAC OVERLAP - A                (0-NO/1-YES)

 OVL PHASES:  000000000 0000000
    PHS/CHN:  123456789 0123456789 01234
 OVL CHN(S):  000000000 0001000000 00000

A-UP B-DN D-DspChn   E-EDIT  F-PRIOR MENU
```

HIT "B" TWICE

DO NOT enter any OVL PHASES! →

```
SE-PAC OVERLAP - C                (0-NO/1-YES)

 OVL PHASES:  000000000 0000000
    PHS/CHN:  123456789 0123456789 01234
 OVL CHN(S):  000000000 0000010000 00000

A-UP B-DN D-DspChn   E-EDIT  F-PRIOR MENU
```

OVERLAP PROGRAMMING COMPLETE

PRESS 'F' TO RETURN TO UNIT DATA

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 05-0718
DESIGNED: October 2016
SEALED: 11/21/2016
REVISED:

Electrical Detail - Sheet 2 of 2

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ELECTRICAL AND PROGRAMMING DETAILS FOR:

Prepared in the Offices of:
Transportation Mobility and Safety Division
STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
Signal Management Section
750 N.Greenfield Pkwy,Garner,NC 27529

SR 1009 (Tryon Road)
at
SR 1427 (Lake Dam Road)

Division 5 | Wake County | Raleigh

PLAN DATE: November 2016 | REVIEWED BY: T. Joyce
PREPARED BY: C. Strickland | REVIEWED BY:

REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 030530 ENGINEER ZACHARY W. LITTLE

DocuSigned by: Zachary W. Little 11/29/2016
DC21EFD94F5341F
DATE

SIG. INVENTORY NO. 05-0718

29-NOV-2016 07:40
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