PROGRAMMING DETAILS TO CALL ALTERNATE PHASING

To run the Alternate phasing, schedule a Day Plan that calls
an Action that is programmed to enable Phase Function 1, 2 or 3.

Actions can be programmed to run free run or call a coordination
pattern.

PHASE FUNCTION MAPPING
PROGRAMMING DETAIL

Step 1 – Assign OMIT OVERLAPS A & C
to Phase Function 1.
Assign OMIT OVERLAP B to Phase
Function 2.
Assign OMIT OVERLAPS A, B & C
to Phase Function 3.

1. From Main Menu select ⟦ 6 – TIME BASE DATA ⟧

2. From TIME BASE DATA Submenu select ⟦ 9 – PHS FUNC MAPPING ⟧

Use Up/Dn Keys to position cursor on NUM 1

```
TIME BASE PHS FUNC MAPING
            PHS FUNC SEL(0-OFF/1-ON)
NUM..P-FUNCT NAME.....123456789 0123456
  1  PHS-01 MAX # 2    000000000 0000000
  2  PHS-02 MAX # 2    000000000 0000000
  3  PHS-03 MAX # 2    000000000 0000000
  4  PHS-04 MAX # 2    000000000 0000000
UP/DOWN TO SCROLL                E-EDIT
```

BEFORE PROCEEDING,
SCROLL THRU ENTIRE
RANGE OF FUNCTIONS TO
ENSURE ALL P-FUNCT 1
NUM x VALUES ARE SET
TO '0' (OFF)

Use Up/Dn/Left/Right keys to position cursor on
NUM 145 and program P-FUNCT 1 as shown.

```
TIME BASE PHS FUNC MAPING
            PHS FUNC SEL(0-OFF/1-ON)
NUM..P-FUNCT NAME.....123456789 0123456
145  OVERLAP A OMIT    101000000 0000000   ← FOR OVERLAP A OMIT
146  OVERLAP B OMIT    011000000 0000000   ← FOR OVERLAP B OMIT
147  OVERLAP C OMIT    101000000 0000000   ← FOR OVERLAP C OMIT
148  OVERLAP D OMIT    000000000 0000000
UP/DOWN TO SCROLL                E-EDIT
```

SET P-FUNCT 1, 2 & 3 VALUES
TO '1' (ON) AS SHOWN

PHASE FUNCTION PROGRAMMING COMPLETE

TIME BASE ACTIONS PROGRAMMING

Step 2 – Set up Action numbers to run
Phase Function 1, 2 & 3.

1. From Main Menu select ⟦ 6 – TIME BASE DATA ⟧

2. From TIME BASE DATA Submenu select ⟦ 5 – ACTIONS ⟧

```
TIME BASE ACTION # ***
                  12345678 90123456
  PATN:001     PHS: 10000000 00000000   ← NOTICE
   0=I'CONN    AUX: 000-----               PHS 1
 1-253=PATN    SPC: 0000000-    0=NO
  254=FREE     DIM: 0-------    1=YES
  255=FLASH    DET: 000-----
UP/DOWN TO SCROLL
```

```
TIME BASE ACTION # ***
                  12345678 90123456
  PATN:001     PHS: 01000000 00000000   ← NOTICE
   0=I'CONN    AUX: 000-----               PHS 2
 1-253=PATN    SPC: 0000000-    0=NO
  254=FREE     DIM: 0-------    1=YES
  255=FLASH    DET: 000-----
UP/DOWN TO SCROLL
```

```
TIME BASE ACTION # ***
                  12345678 90123456
  PATN:001     PHS: 00100000 00000000   ← NOTICE
   0=I'CONN    AUX: 000-----               PHS 3
 1-253=PATN    SPC: 0000000-    0=NO
  254=FREE     DIM: 0-------    1=YES
  255=FLASH    DET: 000-----
UP/DOWN TO SCROLL
```
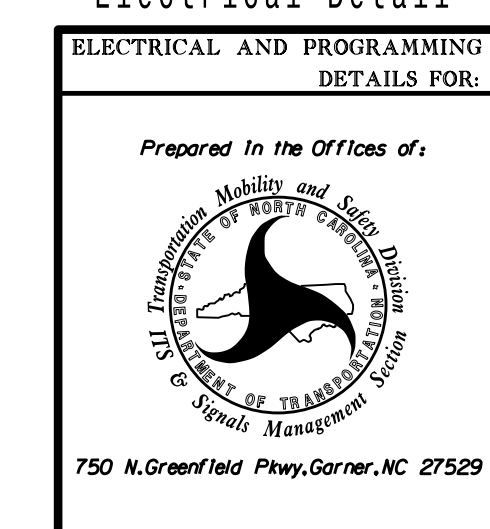
SPECIAL FUNCTION PROGRAMMING COMPLETE

*** Action #(s) are to be determined by the
Division and/or City Traffic Engineer and
are scheduled to run in Day Plan(s).

Electrical Detail - Sheet 5 of 5

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 05-1156
DESIGNED: January 2023
SEALED: 01/03/2023
REVISED: N/A

ELECTRICAL AND PROGRAMMING
DETAILS FOR:

Prepared In the Offices of:

SR 2000 (Falls of Neuse Rd.)
at
SR 2012 (Litchford Rd.)

Division 5   Wake County   Raleigh

| PLAN DATE: January 2023 | REVIEWED BY: |
| PREPARED BY: S.Kirkpatrick | REVIEWED BY: |

REVISIONS	INIT.	DATE

750 N.Greenfield Pkwy,Garner,NC 27529

SEAL

NORTH CAROLINA
PROFESSIONAL
SEAL
036833
ENGINEER
RYAN W. HOUGH

DocuSigned by:
Ryan W. Hough   01/11/2023
                  DATE

SIG. INVENTORY NO. 05-1156