

PROGRAMMING DETAILS TO CALL ALTERNATE PHASING

To run the Default phasing where the FYA runs protected and permitted turns and the Blankout sign is not enabled, schedule a Day Plan that calls an Action that is programmed to enable Phase Function 1. To run the Alternate Phasing where the FYA runs protected turns only and the Blankout sign is enabled, schedule a Day Plan that calls an Action that is programmed to enable Phase Function 2.

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

PHASE FUNCTION MAPPING PROGRAMMING DETAIL

Step 1 - Assign OMIT OVERLAP A to Phase Function 2 and OMIT OVERLAP E to Phase Function 1.

- From Main Menu select **6 - TIME BASE DATA**
- From TIME BASE DATA Submenu select **9 - PHS FUNC MAPPING**

Use Up/Dn Keys to position cursor on NUM 1

```

TIME BASE PHS FUNC MAPPING
          PHS FUNC SEL(O-OFF/1-DN)
NUM..P-FUNCT NAME.....123456789 0123456
1  PHS-01 MAX # 2  00000000 00000000
2  PHS-02 MAX # 2  00000000 00000000
3  PHS-03 MAX # 2  00000000 00000000
4  PHS-04 MAX # 2  00000000 00000000
UP/DOWN TO SCROLL          E-EDIT
    
```

BEFORE PROCEEDING,
SCROLL THRU ENTIRE
RANGE OF FUNCTIONS TO
ENSURE ALL P-FUNCT 1 & 2
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 MAPPING
          PHS FUNC SEL(O-OFF/1-DN)
NUM..P-FUNCT NAME.....123456789 0123456
145 OVERLAP A OMIT  01000000 00000000
146 OVERLAP B OMIT  00000000 00000000
147 OVERLAP C OMIT  00000000 00000000
148 OVERLAP D OMIT  00000000 00000000
148 OVERLAP E OMIT  10000000 00000000
UP/DOWN TO SCROLL          E-EDIT
    
```

← P-FUNCT 2 = 1 (OVERLAP 'A' OMIT)

← P-FUNCT 1 = 1 (OVERLAP 'E' OMIT)

PHASE FUNCTION PROGRAMMING COMPLETE

TIME BASE ACTIONS PROGRAMMING

Step 2 - Set up Actions to run Phase Functions.

- From Main Menu select **6 - TIME BASE DATA**
- From TIME BASE DATA Submenu select **5 - ACTIONS**

For any Action that will run during the Default Phasing period:

```

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

← NOTICE
PHS 1

For any Action that will run during the Alternate Phasing period:

```

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

← NOTICE
PHS 2


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).

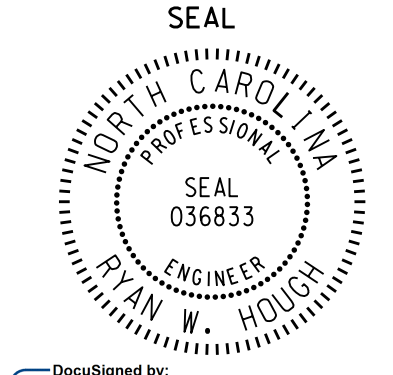
PHASE FUNCTION OPERATION		
Phasing Period	Default	Alternate
Phase Function 1	ENABLED	DISABLED
Phase Function 2	DISABLED	ENABLED
Blankout Sign	OFF	OPERATIONAL
FYA Operation	PROT/PERM	PROT ONLY

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 05-2036T1
DESIGNED: February 2022
SEALED: 2/22/2022
REVISED: N/A

Electrical Detail - Temp 1 (TMP Phase I) - Sheet 3 of 4

ELECTRICAL AND PROGRAMMING DETAILS FOR:	SR 2000 (Falls of Neuse Rd.) at I-540 WB Ramps and Falls Valley Drive
Prepared In the Offices of:  Ryan W. Hough 750 N. Greenfield Pkwy, Garner, NC 27529	Division 5 Wake County Raleigh PLAN DATE: February 2022 REVIEWED BY: PREPARED BY: S. Armstrong REVIEWED BY:
REVISIONS	INIT. DATE

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED


 SEAL
 036833
 Ryan W. Hough
 03/07/2022
 DATE

SIG. INVENTORY NO. 05-2036T1