

### PROGRAMMING DETAILS TO RUN ALTERNATE PHASING

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

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.

- 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(0-OFF/1-ON)
NUM..P-FUNCT NAME.....123456789 0123456
1 PHS-01 MAX # 2 000000000 00000000
2 PHS-02 MAX # 2 000000000 00000000
3 PHS-03 MAX # 2 000000000 00000000
4 PHS-04 MAX # 2 000000000 00000000
A-UP B-DN C-LT D-RT E-ENTER F-PRIOR MENU
```

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 MAPPING
                    PHS FUNC SEL(0-OFF/1-ON)
NUM..P-FUNCT NAME.....123456789 0123456
145 OVERLAP A OMIT 100000000 00000000
146 OVERLAP B OMIT 000000000 00000000
147 OVERLAP C OMIT 100000000 00000000
148 OVERLAP D OMIT 000000000 00000000
UP/DOWN TO SCROLL                     E-EDIT
```

SET P-FUNCT 1 VALUE TO '1' (ON) AS SHOWN FOR OVERLAP A OMIT FOR OVERLAP C OMIT

PHASE FUNCTION PROGRAMMING COMPLETE

### TIME BASE ACTIONS PROGRAMMING

Step 2 - Set up an Action to run Phase Function 1.

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

```
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
```

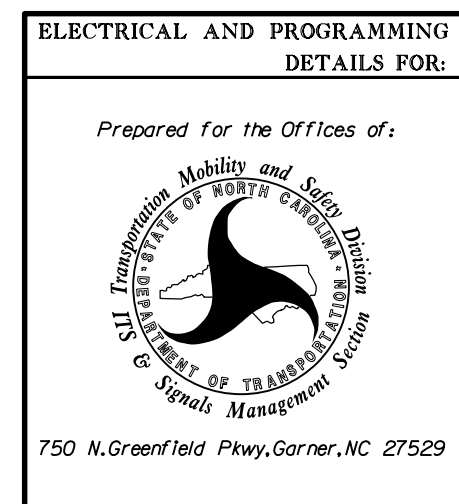
← NOTICE PHS 1

SPECIAL FUNCTION PROGRAMMING COMPLETE

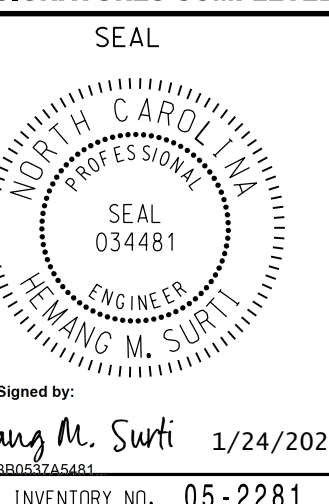
\*\*\* Action #(s) are to be determined by the Division and/or City Traffic Engineer and are scheduled to run in Day Plan(s).

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 05-2281  
DESIGNED: Jan 2023  
SEALED: 1/24/2023  
REVISED:

1/24/2023 04:44:00 pm \*\*\*acomm-np-pw-bent1 (ey-comm-AECOM.DS21\_NA\_2020) documents\60609754-U-5748 L:\gon m\1114300-CAD 0154910-CAD\70-INCDOT...TIP\Traffic\c651\gn1\signal\elec\ref\cal Detail\is.2022\652281-sm.ele.2022\XXX.dgn



<b>US 401 (Louisburg Road) at Leland Drive</b>	
Division 5	Wake County
Raleigh	Raleigh
PLAN DATE: Jan 2023	REVIEWED BY: H.M. Surti
PREPARED BY: A. Ravipti	REVIEWED BY:
REVISIONS	INIT. DATE



DocuSigned by:  
*Hwang M. Surti*  
1/24/2023  
SIG. INVENTORY NO. 05-2281