

## ALTERNATE PHASING ACTIVATION DETAIL

TO RUN ALT. PHASING DURING FREE RUN - PROGRAM CHANGES (SHOWN BELOW) IN A TIME BASED ACTION PLAN. SCHEDULE A DAY PLAN THAT INCLUDES THE ACTION PLAN PROGRAMMED TO SELECT PHASE SEQUENCE PAGE 2.

TO RUN ALT. PHASING DURING COORDINATION - SELECT THE TIME BASED ACTION PLAN THAT IS PROGRAMMED TO SELECT PHASE SEQUENCE PAGE 2.

<u>PHASING</u>	<u>PHASE SEQUENCE PAGE</u>
ACTIONS REQUIRED TO RUN <u>DEFAULT PHASING</u>	1
ACTIONS REQUIRED TO RUN <u>ALTERNATE PHASING</u>	2

**IMPORTANT:** IF ALT. PHASING IS USED DURING FREE RUN AND COORDINATION, DO NOT OPERATE TIME OF DAY EVENTS CONCURRENTLY WITH COORDINATION PLAN EVENTS IN THE EVENT SCHEDULER. (EX. FREE RUN EVENT SHOULD END BEFORE COORDINATION PLAN EVENT STARTS AND VICE-VERSA).

### ALTERNATE PHASING CHANGE SUMMARY

THE FOLLOWING IS A SUMMARY OF WHAT TAKES PLACE WHEN PHASE SEQUENCE PAGE 2 ACTIVATED DURING ALTERNATE PHASING:

PH SEQ PAGE 2: Activates phases 10, 12 and 14 in barriers 3 and 4.

## DYNAMIC BACK-UP CONTROL PROGRAMMING

*(program controller as shown below)*

1. From Main Menu press '2' (Phase Control), then '1' (Phase Control Functions). Scroll to the bottom of the menu and enable Dynamic/Backup Control Function 1.
2. From Phase Control Functions Menu press '2' (Dynamic/Backup Control Functions).

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DYNAMIC/BACKUP CONTROL FUNCTION #01
OVERLAPS: ABCDEFGHIJKLMNOP
IF OVERLAPS ARE ACTIVE:
OR PHASES: 12345678910111213141516
IF PHASES ARE ON: X
OMIT PHASES: X
CALL PHASES: X
```

BACKUP PROTECTION PROGRAMMING COMPLETE

## BACKUP PROTECTION NOTE

From Main Menu press '2' (Phase Control), then '1' (Phase Control Functions). Program phase 2 for 'Backup Protect'. Make sure the Red Revert times shown on the Signal Design Plans are programmed in the 'Phase Timing' menu.

THIS ELECTRICAL DETAIL IS FOR  
 THE SIGNAL DESIGN: 13-0741  
 DESIGNED: February 2016  
 SEALED: 11/7/2016  
 REVISED: N/A

Electrical Detail - Sheet 4 of 4

**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**

<p>ELECTRICAL AND PROGRAMMING DETAILS FOR:</p> <p style="text-align: center;"><small>Prepared In the Offices of:</small></p> <p style="text-align: center;"><small>750 N. Greenfield Pkwy, Garner, NC 27529</small></p>	<p><b>US 25 (Hendersonville Road) at Vanderbilt Park Drive</b></p> <p>Division 13    Buncombe County    Asheville</p> <p>PLAN DATE: <u>October 2016</u>    REVIEWED BY: <u>BAS</u></p> <p>PREPARED BY: <u>S. Armstrong</u>    REVIEWED BY:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REVISIONS</th> <th>INIT.</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	REVISIONS	INIT.	DATE										<p style="text-align: center;">SEAL</p> <p style="text-align: center;"><small>DocuSigned by:</small></p> <p style="text-align: center;"><u>Keith M. Mins</u>    11/9/2016</p> <p style="text-align: center;"><small>2F807868E8C03445</small>    DATE</p> <p style="text-align: center;">SIG. INVENTORY NO. 13-0741</p>
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