ALTERNATE PHASING ACTIVATION DETAIL

To run ALT. Phasing during Coordination - Select all page changes (as shown below) within Coordination Plan programming.

To run ALT. Phasing during Free Run - Program page changes (shown below) in separate Time Of Day events. If page 1 is used, no event programming is necessary for that particular page.

PHASING	INPUT PAGE	OVERLAP PAGE
Active Page required to run NORMAL PHASING	1	1
Active Page required to run ALTERNATE PHASING	2	2

NOTE: Pages not shown (i.e. Sequence, Phase Control, etc.) should remain as '1', or as defined by Timing Engineer.

IMPORTANT†: If Alertnate Phasing is used during Free Run and Coordination, DO NOT operate Time Of Day page change events concurrently with Coordination Plan events in the Event Scheduler. EX: Free Run page change event should end before Coordination Plan event starts and Vice-Versa.

ALTERNATE PHASING PAGE CHANGE SUMMARY

The following is a summary of what takes place when the Overlap/Input page change activates to call the "Alternate Phasing":

Overlap Page 2: Modifies Overlap Parent Phase for Heads 11, 31 and 71 to run protected turn only.

Input Page 2: Disables Phase 6 call on Loop 1A and modifies Delay Time.

Disables Phase 8 call on Loop 3A and modifies Delay Time.

Disables Phase 4 call on Loop 7A and modifies Delay Time.

OVERLAP PROGRAMMING DETAIL (ALTERNATE PHASING)

(program controller as shown below)

From Main Menu Press '8' (OVERLAPS), then '1' (VEHICLE OVERLAP SETTINGS). Press 'Next' to Advance to Page 2.

NOTICE PAGE 2 →

```
 PAGE 2: VEHICLE OVERLAP 'A' SETTINGS
 PHASE:          ;123456789101112131415 16
VEH OVL PARENTS:;X
VEH OVL NOT VEH:;
VEH OVL NOT PED:;
VEH OVL GRN EXT:;
STARTUP COLOR: _ RED  _ YELLOW  _ GREEN
FLASH COLORS:  _ RED  _ YELLOW  _ GREEN
SELECT VEHICLE OVERLAP OPTIONS:   (Y/N)
FLASH YELLOW IN CONTROLLER FLASH?...Y
GREEN EXTENSION (0-255 SEC).........0
YELLOW CLEAR (0=PARENT,3-25.5 SEC)..0.0
RED CLEAR (0=PARENT,0.1-25.5 SEC)...0.0
OUTPUT AS PHASE # (0=NONE, 1-16)....0
```

PRESS '+'

NOTICE PAGE 2 →

```
 PAGE 2: VEHICLE OVERLAP 'B' SETTINGS
 PHASE:          ;123456789101112131415 16
VEH OVL PARENTS:;  X
VEH OVL NOT VEH:;
VEH OVL NOT PED:;
VEH OVL GRN EXT:;
STARTUP COLOR: _ RED  _ YELLOW  _ GREEN
FLASH COLORS:  _ RED  _ YELLOW  _ GREEN
SELECT VEHICLE OVERLAP OPTIONS:   (Y/N)
FLASH YELLOW IN CONTROLLER FLASH?...N
GREEN EXTENSION (0-255 SEC).........0
YELLOW CLEAR (0=PARENT,3-25.5 SEC)..0.0
RED CLEAR (0=PARENT,0.1-25.5 SEC)...0.0
OUTPUT AS PHASE # (0=NONE, 1-16)....0
```

PRESS '+' TWICE

NOTICE PAGE 2 →

```
 PAGE 2: VEHICLE OVERLAP 'D' SETTINGS
 PHASE:          ;123456789101112131415 16
VEH OVL PARENTS:;       X
VEH OVL NOT VEH:;
VEH OVL NOT PED:;
VEH OVL GRN EXT:;
STARTUP COLOR: _ RED  _ YELLOW  _ GREEN
FLASH COLORS:  _ RED  _ YELLOW  _ GREEN
SELECT VEHICLE OVERLAP OPTIONS:   (Y/N)
FLASH YELLOW IN CONTROLLER FLASH?...N
GREEN EXTENSION (0-255 SEC).........0
YELLOW CLEAR (0=PARENT,3-25.5 SEC)..0.0
RED CLEAR (0=PARENT,0.1-25.5 SEC)...0.0
OUTPUT AS PHASE # (0=NONE, 1-16)....0
```

OVERLAP PROGRAMMING COMPLETE

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 09-1104
DESIGNED: April 2015
SEALED: 5/7/15
REVISED: N/A

Electrical Detail - Sheet 6 of 6

ELECTRICAL AND PROGRAMMING DETAILS FOR:

SR 4315 (S. Main Street)
at
SR 2648 (Old Winston Road)/
Shopping Center Driveway

Division 9 Forsyth County Kernersville

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

PLAN DATE:	April 2015	REVIEWED BY:	T. Joyce
PREPARED BY:	B. Simmons	REVIEWED BY:	

REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 022013 ENGINEER GEORGE C. BROWN

DocuSigned by: George C. Brown 5/19/2015
F12001EDD8ED434...
DATE

SIG. INVENTORY NO. 09-1104

18-MAY-2015 13:09
S:\TSG\W4115\Signals\Workgroups\Sig Mgmt\Simmons\Working Folder\Electrical Details\Division 09\091104_smale_xxx.dgn
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