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PROJECT REFERENCE NO.	SHEET NO.
BR-0041	Sig. 12.4

MAXTIME ALTERNATE PHASING ACTIVATION DETAIL

TO RUN ALT. PHASING DURING FREE RUN - PROGRAM CHANGES (SHOWN BELOW) IN A COORDINATION PATTERN. SCHEDULE A DAY PLAN THAT INCLUDES THE PATTERN PROGRAMMED TO SELECT OVERLAP PLAN 2 AND VEHICLE DETECTOR PLAN 2.

TO RUN ALT. PHASING DURING COORDINATION - SELECT A COORDINATION PATTERN THAT IS PROGRAMMED TO SELECT OVERLAP PLAN 2 AND VEHICLE DETECTOR PLAN 2.

PHASING	OVERLAP PLAN	VEH DET PLAN
ACTIVE PAGES REQUIRED TO RUN DEFAULT PHASING	1	1
ACTIVE PAGES REQUIRED TO RUN ALTERNATE PHASING	2	2

ALTERNATE PHASING CHANGE SUMMARY

THE FOLLOWING IS A SUMMARY OF WHAT TAKES PLACE WHEN OVERLAP 2 AND VEHICLE DETECTOR PLAN 2 ACTIVATE TO CALL THE "ALTERNATE PHASING":

OVERLAP PLAN 2: Modifies overlap included phases for head 51 to run protected turns only.

VEH DET PLAN 2: Disables phase 2 call on loop 5A and reduces delay time for phase 5 call on loop 5A to 0 seconds.

MAXTIME ALTERNATE PHASING PATTERN PROGRAMMING DETAIL

Front Panel
Main Menu >Controller >Coordination >Patterns

Web Interface
Home >Controller >Coordination >Patterns

Pattern Parameters

Pattern	Veh Det Plan	Overlap Plan
*	2	2

* The Pattern number(s) are to be determined by the Division and/or City Traffic Engineer.

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 07-1675
DESIGNED: Jan 2023
SEALED: 3/10/2023
REVISED:

Final Design
Electrical Detail - Sheet 4 of 4

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

AECOM
NC Firm License No.: F-0342
5438 Wade Park Boulevard
Suite 200, Raleigh, NC 27607
Phone: 919-461-1100

Electrical and Programming Details For:

SR 2817 (Barnes Street)
at
US 29 NB Ramps

Prepared for the Offices of:
Transportation Mobility and Safety Division
State of North Carolina Department of Transportation
Traffic Engineering Branch
Signals Management Section
750 N. Greenfield Pkwy, Garner, NC 27529

Division 7 | Rockingham County | Reidsville

PLAN DATE:	January 2023	REVIEWED BY:	H M Surti
PREPARED BY:	A Ravipati	REVIEWED BY:	

REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 034481 ENGINEER HEMANG M. SURTI

DocuSigned by:
Hemang M. Surti 3/10/2023

SIG. INVENTORY NO. 07-1675

3/10/2023
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mitchell.cavenaugh