PROJECT REFERENCE NO.	SHEET NO.
W-5705K	Sig. 3

LOGIC PROGRAMMING DETAIL

Main Menu - 6) OUTPUTS - 1) GENERAL OUTPUTS

```
GENERAL OUTPUTS

ADV WARN1    0 FLASHER1  200 ONLINE    0
ADV WARN2    0 FLASHER2  201 EXWALK    0
DET FAIL     0 FAST FLS    0 EXDONT    0
```

Main Menu - 8) IN/OUT LOGIC - 1) AND

```
AND GATES
        AND1 AND2 AND3 AND4 AND5 AND6
INPUT    13  214  203  200  201  202
INPUT   200  204  210  211  211   12
OUTPUT  207  208  211  212  213  214
```

Main Menu - 6) OUTPUTS - 9) REDIRECT OLAPS

```
OVERLAP OUTPUT REDIRECTION
OVERLAP  1   2   3   4   5   6   7   8
RED    204   0   0   0   0   0   0   0
YELLOW 205   0   0   0   0   0   0   0
GREEN    0   0   0   0   0   0   0   0
```

Main Menu - 8) IN/OUT LOGIC - 3) TWO INPUT OR

```
OR GATES
        OR1 OR2 OR3 OR4 OR5 OR6 Or7 Or8
INPUT   205   3 209 209   0   8  15  15
INPUT   207 208 212 213   0   0   0   0
OUTPUT    8 209   7   4   0   5   9   6
```

Main Menu - 6) OUTPUTS - C) PHASE CHECK/ON

```
      PHASE CHECK and ON OUTPUTS
        1   2   3   4   5   6   7   8
CHECK   0   0   0   0   0   0   0   0
   ON   0 202   0 203   0   0   0   0
```

Main Menu - 8) IN/OUT LOGIC - 5) NOT

```
NOT GATES
        NOT1 NOT2 NOT3 NOT4
INPUT      3    0    0    0
OUTPUT   210    0    0    0
```

STARTUP PROGRAMMING DETAIL

Main Menu - 9) UTILITIES - 1) STARTUP

```
STARTUP
FLASH START    0     YELLOW PHS ........
RED START    0.0     1ST GN PHS .2......
VEH CALLS  ........  PED CALLS  ........
```

PHASE 8 PED ASSIGNMENT DETAIL

Main Menu - 6) OUTPUTS - 8) REDIRECT PHASE

PHASE 4 WALK = 20 (Ph 8 WALK)
PHASE 4 DWALK = 19 (Ph 8 DON'T WALK)

DISABLE MINIMUM YELLOW

Disable Phase 4 minimum yellow as follows:
Main Menu - 9) UTILITIES - 5) CONFIG

NO MIN YEL = 4

OVERLAP PROGRAMMING DETAIL

Program overlaps as follows:
Main Menu - 4) OVERLAP

OVERLAP [1]:

VEH SET 1 = 2
NEGATIVE PED = 4
GREEN CLEARANCE = 5
YELLOW CLEARANCE = 3.8

END OF OVERLAP PROGRAMMING

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 05-0335
DESIGNED: March 2017
SEALED: 4/27/2017
REVISED:

Electrical Detail - Sheet 2 of 2

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ELECTRICAL AND PROGRAMMING DETAILS FOR:

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

SR 1327 (N. Gregson Street)
at
Lamond Avenue

Division 5 Durham County Durham

PLAN DATE: April 2017 REVIEWED BY:
PREPARED BY: B.A. Stouchko REVIEWED BY:

REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 030530 ENGINEER ZACHARY W. LITTLE

DocuSigned by: Zachary W. Little 5/2/2017
DC21EF094F5341F DATE
SIG. INVENTORY NO. 05-0335

28-APR-2017 12:51
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