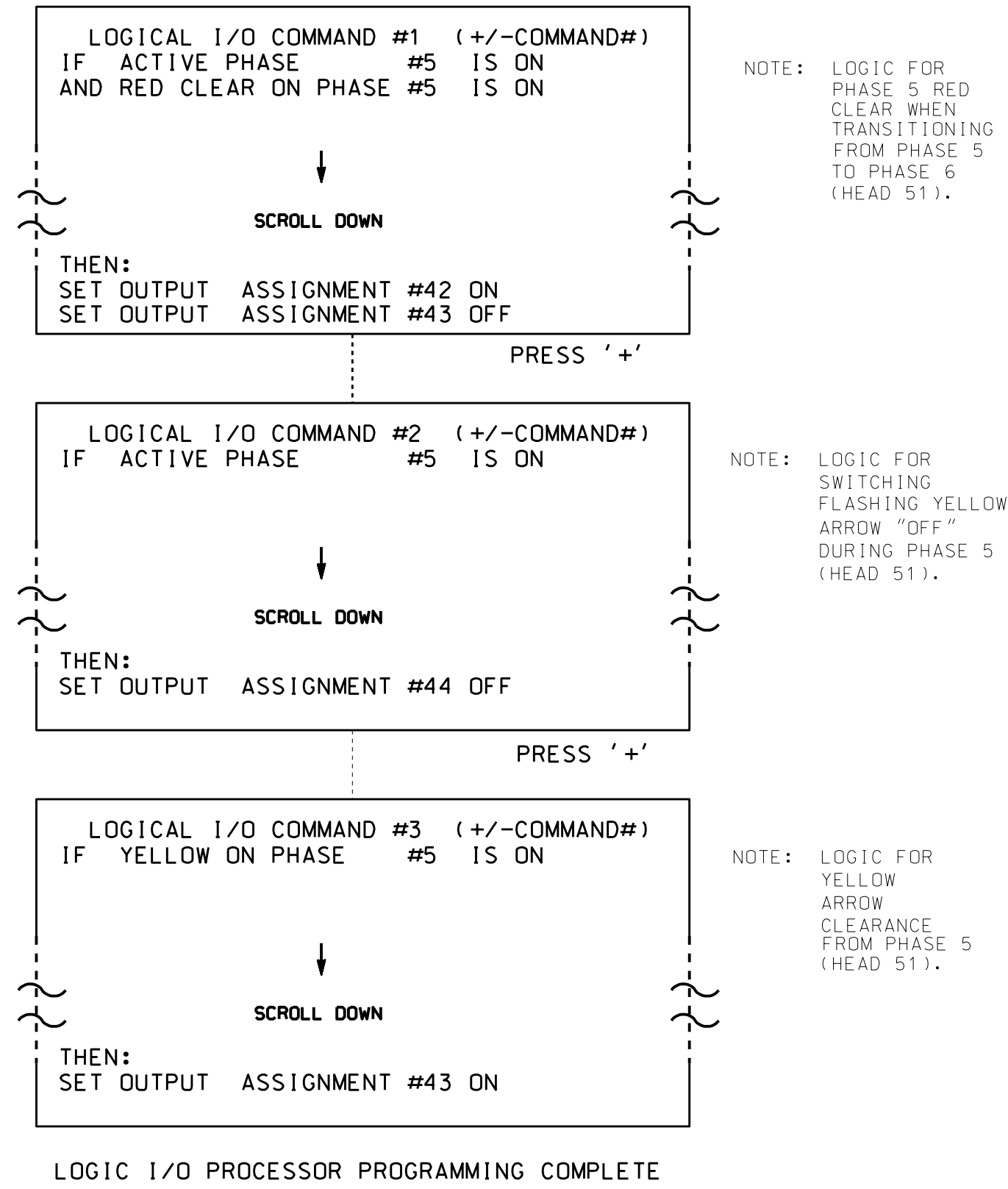


LOGICAL I/O PROCESSOR PROGRAMMING DETAIL TO PRODUCE SPECIAL FYA-PPLT SIGNAL SEQUENCE

(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 ACT LOGIC COMMANDS 1, 2 AND 3.
2. FROM MAIN MENU PRESS '6' (OUTPUTS), THEN '3' (LOGICAL I/O PROCESSOR).



<u>OUTPUT REFERENCE SCHEDULE</u>
OUTPUT 42 = Overlap C Red
OUTPUT 43 = Overlap C Yellow
OUTPUT 44 = Overlap C Green

OVERLAP PROGRAMMING DETAIL

(program controller as shown below)

FROM MAIN MENU PRESS '8' (OVERLAPS), THEN '1' (VEHICLE OVERLAP SETTINGS).

PRESS '+' TWICE

PAGE 1: VEHICLE OVERLAP 'C' SETTINGS	
PHASE:	12345678910111213141516
VEH OVL PARENTS:	XX
VEH OVL NOT VEH:	
VEH OVL NOT PED:	
VEH OVL GRN EXT:	
STARTUP COLOR:	_ RED _ YELLOW _ GREEN
FLASH COLORS:	_ RED _ YELLOW X 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

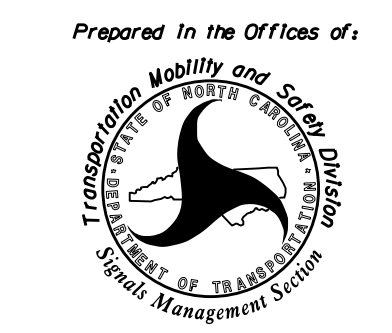
← NOTICE GREEN FLASH

PRESS '+'

PAGE 1: VEHICLE OVERLAP 'D' SETTINGS	
PHASE:	12345678910111213141516
VEH OVL PARENTS:	X 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

OVERLAP PROGRAMMING COMPLETE

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 13-0398
DESIGNED: June 2016
SEALED: 8-11-16
REVISED: N/A

ELECTRICAL DETAIL SHEET 2 OF 2		DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED									
<p style="font-size: x-small;">ELECTRICAL AND PROGRAMMING DETAILS FOR:</p> <p style="text-align: center;">US 74A (S. Tunnel Rd.) at Shopping Center Entrance/ Theater Entrance</p>	<p style="font-size: x-small;">Division 13 Buncombe County Asheville</p> <p style="font-size: x-small;">PLAN DATE: August 2016 REVIEWED BY: BAS</p> <p style="font-size: x-small;">PREPARED BY: James Peterson REVIEWED BY:</p>	<p style="text-align: center;">SEAL</p> <p style="text-align: center; font-size: x-small;">NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 036880 KEITH M. MIMS</p> <p style="font-size: x-small;">DocuSigned by: Keith M. Mims 9/1/2016</p> <p style="font-size: x-small;">SIG. INVENTORY NO. 13-0398</p>									
<p style="font-size: x-small;">Prepared in the Offices of:</p> <p style="text-align: center;">  Transportation Mobility and Safety Solutions, Inc. <small>750 N. Greenfield Pkwy, Garner, NC 27529</small> </p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="font-size: x-small;">REVISIONS</th> <th style="font-size: x-small;">INIT.</th> <th style="font-size: x-small;">DATE</th> </tr> </thead> <tbody> <tr> <td style="height: 20px;"> </td> <td> </td> <td> </td> </tr> <tr> <td style="height: 20px;"> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS	INIT.	DATE							<p style="font-size: x-small;">750 N. Greenfield Pkwy, Garner, NC 27529</p>
REVISIONS	INIT.	DATE									

20-AUG-2016 07:06 C:\TCS\13-0398\Sigs\Work\jpeterson\130398_sml.ele_xxx.dgn J.peterson