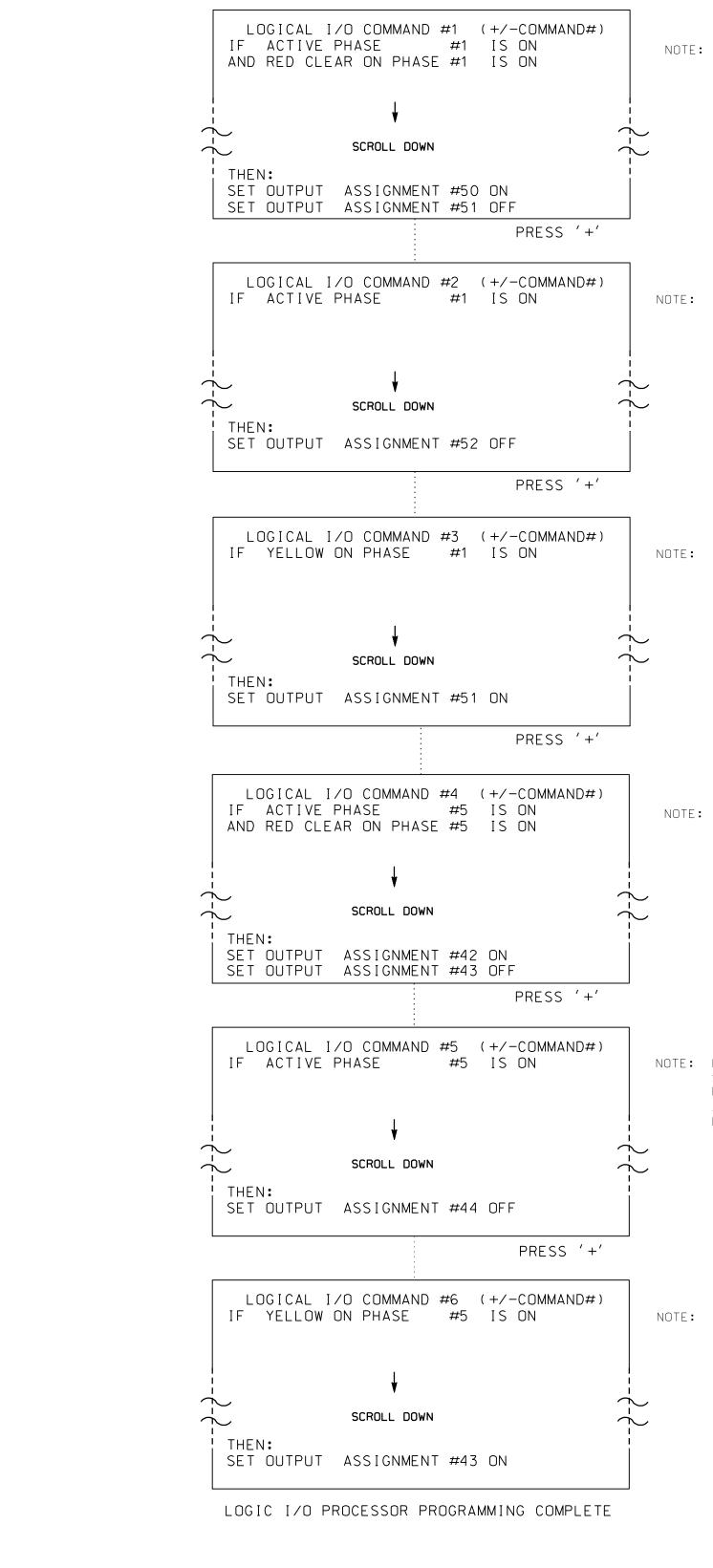
LOGICAL I/O PROCESSOR PROGRAMMING DETAIL

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, 3, 4, 5 AND 6.
- 2. FROM MAIN MENU PRESS '6' (OUTPUTS), THEN '3' (LOGICAL I/O PROCESSOR).



NOTE: LOGIC FOR PHASE 1 RED CLEAR WHEN TRANSITIONING FROM PHASE 1 TO PHASE 2 (HEAD 11).

NOTE: LOGIC FOR SWITCHING FLASHING YELLOW ARROW "OFF" DURING PHASE 1 (HEAD 11).

NOTE: LOGIC FOR YELLOW ARROW CLEARANCE FROM PHASE 1 (HEAD 11).

NOTE: LOGIC FOR PHASE 5 RED CLEAR WHEN TRANSITIONING FROM PHASE 5 TO PHASE 6 (HEAD 51).

NOTE: LOGIC FOR SWITCHING FLASHING YELLOW ARROW "OFF" DURING PHASE 5 (HEAD 51).

NOTE: LOGIC FOR YELLOW ARROW CLEARANCE FROM PHASE 5 (HEAD 51).

OUTPUT REFERENCE SCHEDULE
OUTPUT 42 = Overlap C Red OUTPUT 43 = Overlap C Yellow OUTPUT 44 = Overlap C Green OUTPUT 50 = Overlap A Red OUTPUT 51 = Overlap A Yellow OUTPUT 52 = Overlap A Green

					PROJECT REFERENCE NO. U-4910B	SHEET NO. Sig. 2.2
OVERLAF	P PROGRAMMING [DETAIL				
	ram controller as shown bel					
	1ENU PRESS '8' (OVERLA .e overlap settings).	PS), THEN				
PAGE 1: VE PHASE:	EHICLE OVERLAP 'A' SE 123456789101112					
EH OVL PAR EH OVL NO	RENTS: XX T VEH:					
EH OVL NO ⁻ Eh OVL GRI Tartup Col		_ GREEN				
	RS: _ RED _ YELLOW ICLE OVERLAP OPTIONS: OW IN CONTROLLER FLASH	$\frac{X \text{ GREEN}}{(Y/N)} \blacklozenge$	■ NOTICE GREEN	FLASH		
REEN EXTEN	NSION (0-255 SEC) AR (0=PARENT,3-25.5 SE	0				
	(O=PARENT,0.1-25.5 SE) PHASE					
	PRESS	5 '+' TWICE				
PAGE 1: VE Phase:	EHICLE OVERLAP 'C' SE 123456789101112					
EH OVL PAF Eh ovl no	RENTS: XX T VEH:	.15141516				
EH OVL NO ⁻ EH OVL GRI TARTUP COU		_ GREEN				
LASH COLOF		$\frac{X \text{ GREEN}}{(Y/N)} \blacklozenge$	■ NOTICE GREEN	I FLASH		
REEN EXTEN	OW IN CONTROLLER FLASH NSION (0-255 SEC) AR (0=PARENT,3-25.5 SH	0				
ed clear	(O=PARENT,0.1-25.5 SE PHASE # (O=NONE, 1-16	2)0.0				
OVERL	AP PROGRAMMING COMPLE	TE				
			ſ	THIS ELEC	TRICAL DETAIL IS	FOR
					L DESIGN: 10-2168 March 2016	
				SEALED: J Revised:	uly 7,2016	
			L			
	New Installation Electrical Detail Sh	et 2 of 2			DOCUMENT NOT CONSIDE	
	ELECTRICAL AND PROGRAMMING DETAILS FOR:	SR 1445	5 (Derita at	Road)	LANG CARD	••••• / / / · · · ·
	Prepared for the Offices of: Nobility and ion of MORTH CAR		nds Boulev ion Boule	-	SEAL	
		AVIAL ivision 10 LAN DATE: March 20	Cabarrus County	Co	ncord ton	R. 107
o.: F-0342 nter Drive NC 27607		REPARED BY: M W Yal REVISIONS		:	DATE DocuSigned by:	
4-6200	750 N.Greenfield Pkwy,Garner,NC 27529				James O. Deaton 40FF8AC430BD40F	7/11/2016

SIG. INVENTORY NO. 10-2168

				F	ROJECT REFERENCE NO. U-4910B	SHE Sig
	P PROGRAMMIN					
FROM MAIN M	1ENU PRESS '8' (OV .e overlap setting	ERLAPS), THEN				
PHASE: VEH OVL PAR VEH OVL NO	RENTS: XX T VEH:	′SETTINGS 0111213141516				
	N EXT:¦ Lor: _ red _ yeli	OW X GREEN	NOTICE GREEN F	LASH		
YELLOW CLEAR	NSION (0-255 SEC) AR (0=PARENT,3-25 (0=PARENT,0.1-25.5 PHASE # (0=NONE,	5 SEC)0.0 5 SEC)0.0				
	F	PRESS '+' TWICE				
PHASE: VEH OVL PAF VEH OVL NO VEH OVL NO VEH OVL GRN STARTUP COL FLASH COLOF SELECT VEH	RENTS: XX T VEH: T PED: N EXT: LOR: _ RED _ YELL RS: _ RED _ YELL ICLE OVERLAP OPTIC	D111213141516 -OW _ GREEN -OW X GREEN -ONS: (Y/N)	NOTICE GREEN F	FLASH		
GREEN EXTER Yellow Clea Red Clear	OW IN CONTROLLER F NSION (0-255 SEC) AR (0=PARENT,3-25 (0=PARENT,0.1-25.5 PHASE # (0=NONE,	5 SEC)0.0 5 SEC)0.0				
OVERL	AP PROGRAMMING CC)MPLETE				
				THIS ELECTR	NICAL DETAIL IS	FOR
				THE SIGNAL DESIGNED: M SEALED: Jul REVISED:		
	New Installation Electrical Detail				CUMENT NOT CONSIDE	
	ELECTRICAL AND PROGRAMI DETAILS Prepared for the Offices of Nobility and	_{FOR:} 5K 14	45 (Derita F at inds Bouleva	ird /	PTH CARC	
COM		Avia	tion Boulev Cabarrus County	ard Conce	ord SEAL	~

PROJEC	U-4910B Sig. 2
	• • • • • • • • • • • • • • • • • • • •
	1
OVERLAP PROGRAMMING DETAIL	
(program controller as shown below)	
FROM MAIN MENU PRESS '8' (OVERLAPS), THEN '1' (VEHICLE OVERLAP SETTINGS).	
PAGE 1: VEHICLE OVERLAP 'A' 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 NOTICE GREEN FLASH SELECT VEHICLE OVERLAP OPTIONS: (Y/N) (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 (O=PARENT,0.1-25.5 SEC)0.0 OUTPUT AS PHASE # (O=NONE, 1-16)0	
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 (O=PARENT,3-25.5 SEC)0.0 RED CLEAR (O=PARENT,0.1-25.5 SEC)0.0 OUTPUT AS PHASE # (O=NONE, 1-16)0	
OVERLAP PROGRAMMING COMPLETE	
	L DETAIL IS FOR
THE SIGNAL DES DESIGNED: Marc	IGN: 10-2168
SEALED: July 7, REVISED:	
	ENT NOT CONSIDERED FINA ALL SIGNATURES COMPLETE
ELECTRICAL AND PROGRAMMING DETAILS FOR: SR 1445 (Derita Road)	
Prepared for the Offices of: West Winds Boulevard /	RTH CAROLING
ON Aviation Boulevard Division 10 Cabarrus County Concord	SEAL 07438
No.: F-0342 PLAN DATE: March 2016 Reviewed By: J U Deaton Center Drive PREPARED By: M W Yalch Reviewed By: Date	DocuSigned by:
n, NC 27607 254-6200 750 N.Greenfield Pkwy, Garner, NC 27529	James O. Deaton 40FF8AC430BD40F 7/11/2016 7/11/2016

						1
					PROJECT REFERENCE NO. U-4910B	SHEET NO. Sig. 2.2
	P PROGRAMMING	DETATI				
	ram controller as shown be					
	MENU PRESS '8' (OVERL Le overlap settings).	APS), THEN				
PAGE 1: VI	EHICLE OVERLAP 'A' SE	ETTINGS				
PHASE: Veh ovl pai Veh ovl no		1213141516				
VEH OVL NO VEH OVL NO VEH OVL GRI	T PED:					
FLASH COLO		X GREEN	NOTICE GREEN	I FLASH		
LASH YELL	ICLE OVERLAP OPTIONS: OW IN CONTROLLER FLAS NSION (0-255 SEC)	SH?Y				
YELLOW CLE. Red Clear	AR (0=PARENT,3-25.5 S (0=PARENT,0.1-25.5 SE	SEC)0.0 EC)0.0				
JUIPUI AS	PHASE # (0=NONE, 1-16					
		SS '+' TWICE				
PHASE:	EHICLE OVERLAP 'C' SE 1234567891011'					
/EH OVL PAI /EH OVL NO /EH OVL NO	T VEH:					
VEH OVL GRI Startup coi	N EXT: Lor: _ red _ yellow					
	ICLE OVERLAP OPTIONS		NOTICE GREET	n Flash		
GREEN EXTE	OW IN CONTROLLER FLAS NSION (0-255 SEC) AR (0=PARENT,3-25.5 S	0				
RED CLEAR	(0=PARENT,0.1-25.5 SE PHASE # (0=NONE, 1-16	EC)0.0				
OVERL	_AP PROGRAMMING COMPL	.ETE				
			[
					TRICAL DETAIL IS L DESIGN: 10-2168	
					March 2016 July 7,2016	
				REVISED:		
	New Installation			_		
	Electrical Detail S		5 (Derita	U	DOCUMENT NOT CONSIDE	
	DETAILS FOR: Prepared for the Offices of:		at	,	CARC	
	Nobility ond Science S	Aviat	nds Boulev tion Boule	•	SEAL 07438	MA CONTRACTOR
DM No.: F-0342	T ranspool	Division 10 PLAN DATE: March 2		: JODea	ton	REATON
enter Drive , NC 27607	Hanagement Section	PREPARED BY: M W Ya REVISIONS	1ch REVIEWED BY	init.	DATE James O. Deator	
54-6200	750 N.Greenfield Pkwy,Garner,NC 27529	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·		7/11/2016

