

INPUT FILE POSITION LAYOUT

(front view)

1 2 3 4 5 6 7 8 9 10 11 12 13 14

SPECIAL DETECTOR NOTE

Install a video detection system for vehicle detection. Perform

engineer-approved mounting locations to accomplish the detection

installation according to manufacturer's directions and NCDOT

schemes shown on the Signal Design Plans.

ST

FS = FLASH SENSE

ST = STOP TIME

4. Connect serial cable from conflict monitor to comm. port 1 of 2070

controller. Ensure conflict monitor communicates with 2070.

NOTES

- 1. To prevent "flash-conflict" problems, insert red flash program blocks for all unused vehicle load switches in the output file. The installer shall verify that signal heads flash in accordance with the Signal Plans.
- 2. Program phases 4 and 8 for Dual Entry.
- 3. Enable Simultaneous Gap-Out for all phases.
- 4. Program phases 2 and 6 for Gap Reduction.
- 5. Program phases 2 and 6 for Start Up In Green.
- 6. Program phases 2 and 6 for Yellow Flash, and overlap 1 as Wag Overlaps.

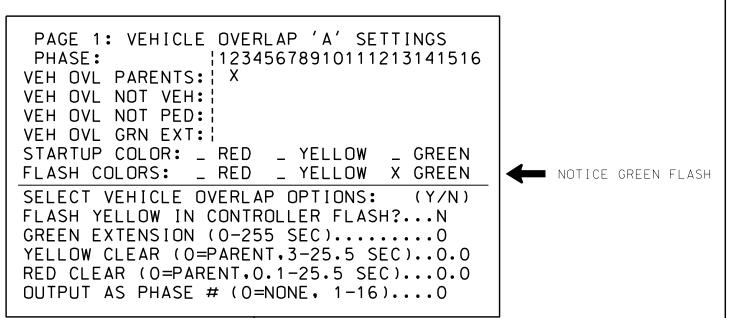
EQUIPMENT INFORMATION

SOFTWARE......ECONOLITE OASIS CABINET MOUNT.....BASE OUTPUT FILE POSITIONS...18 WITH AUX OUTPUT FILE LOAD SWITCHES USED.....S2,S5,S8,S11,AUX S1,AUX S4 PHASES USED......2,4,6,8 OVERLAP "A".....2 OVERLAP "B".....NOT USED OVERLAP "C".....6 OVERLAP "D".....NOT USED

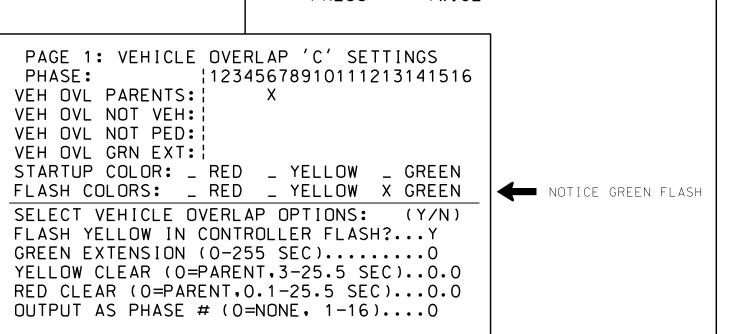
OVERLAP PROGRAMMING DETAIL

(program controller as shown below)

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



PRESS '+' TWICE



OVERLAP PROGRAMMING COMPLETE

PROJECT REFERENCE NO.	SHEET NO.
R - 3100A	Sig. 4.1

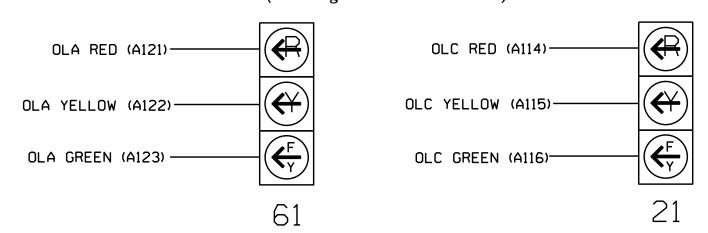
SIGNAL HEAD HOOK-UP CHART																		
LOAD SWITCH NO.	S1	S2	S3	S4	S5	S6	S 7	S8	S9	S10	S11	S12	AUX S1	AUX S2	AUX S3	AUX S4	AUX S5	AUX S6
CMU CHANNEL NO.	1	2	13	3	4	14	5	6	15	7	8	16	Œ	10	17	11	12	18
PHASE	1	2	2 PED	3	4	4 PED	5	6	6 PED	7	8	8 PED	OLA	OLB	SPARE	OLC	OLD	SPARE
SIGNAL HEAD NO.	NU	22,23	NU	NU	41,42	NU	NU	62,63	NU	NU	81,82	NU	★ 61	NU	NU	21	NU	NU
RED		128			101			134			107							
YELLOW		129			102			135			108							
GREEN		130			103			136			109							
RED ARROW													A121			A114		
YELLOW ARROW													A122			A115		
FLASHING YELLOW ARROW													A123			A116		
GREEN ARROW																		

NU = Not Used

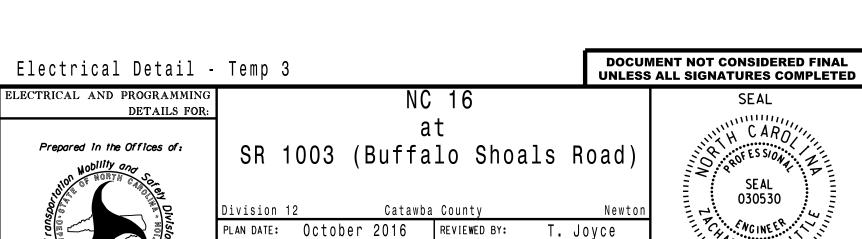
★ See pictorial of head wiring in detail below.

FYA SIGNAL WIRING DETAIL

(wire signal heads as shown)



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 12-0479T3 DESIGNED: June 2016 SEALED: 10/13/2016 REVISED:



FILE U

FILE

пТп

EX.: 1A, 2A, ETC. = LOOP NO.'S

PREPARED BY: Z.M. Little REVIEWED BY: REVISIONS INIT. DATE Zaepary M. Little 10/14/2016

SIG. INVENTORY NO. 12-0479T3