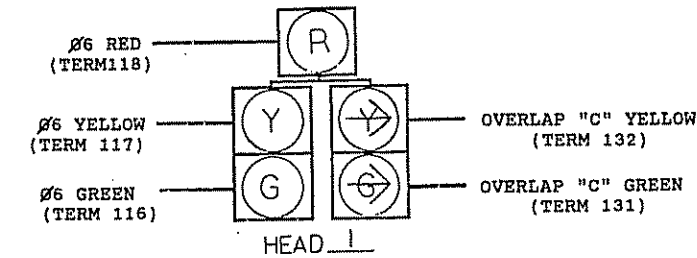
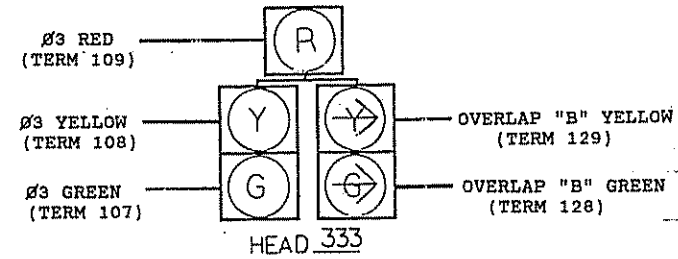
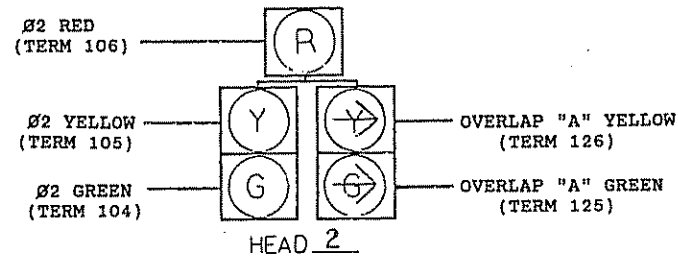






### 5 SECTION RIGHT TURN SIGNAL WIRING DETAIL

(WIRE AS SHOWN)



### CABINET WIRING NOTES

1. ADD A LOADSWITCH TO THE FOLLOWING LOADSWITCH POSITIONS: LS3, LS9, LS10, AND LS11.  
THE FOLLOWING LOADSWITCH POSITIONS SHOULD BE EMPTY: LS7, LS8, LS12, LS13, LS14, LS15, LS16.
2. PHASES 1, 5, 3, 4 AND OVERLAPS "A", "B", & "C" SHALL BE WIRED TO FLASH RED. PHASES 2 AND 6 SHALL BE WIRED TO FLASH YELLOW.
3. TO PREVENT RED FAILURE ON UNUSED MONITOR CHANNELS TIE UNUSED LOADSWITCH RED OUTPUTS TO LOADSWITCH AC+ BY MAKING THE FOLLOWING JUMPER CONNECTIONS IN A "DAISY-CHAIN" TYPE ARRANGEMENT.  
**IMPORTANT:** THIS JUMPER ARRANGEMENT WAS DESIGNED ASSUMING ALL UNUSED PHASES AND OVERLAPS HAVE BEEN CHANGED TO FLASH RED. IF THEY ARE NOT MADE TO FLASH RED, THIS JUMPER ARRANGEMENT WILL NOT BE VALID.  
INSTALL A JUMPER:  
FROM TERM F-21 (LS7 RED OUT) TO TERM F-22 (LS 8 RED OUT)  
FROM TERM F-22 (LS8 RED OUT) TO TERM F-36 (LS12 RED OUT)  
FROM TERM F-36 (LS12 RED OUT) TO TERM F-27 (LOADSWITCH AC+)
- NOTE: ALL FLASH TRANSFER RELAYS MUST BE IN PLACE.
4. THE CONTROLLER SHALL BE PROGRAMMED TO "START-UP" IN PHASES 2+6 GREEN.
5. A POWER UP FLASH TIME OF 10 SECONDS SHALL BE SET AND IMPLEMENTED ON THE CONFLICT MONITOR.

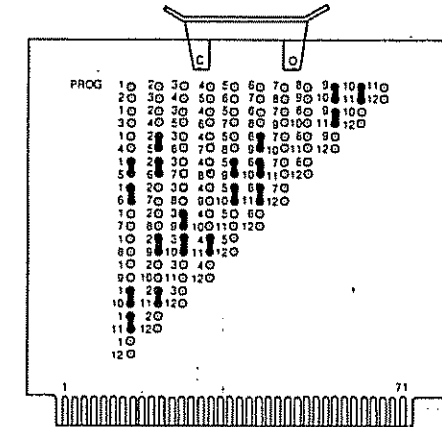
CONTR. PHASE	1	2	3	4	5	6	7	8	OLA	OLB	OLC	OLD	P2	F4	F6	F8
SIGNAL HEAD NO.	5,6	2,22	3,33 333	4,44	7	1,11	NU	NU	2	333	1	NU	NU	NU	NU	NU
GREEN		104	33,333 only 107	110		116										
YELLOW		105	33,333 only 108	111		117										
RED		106	109	112	115	118										
GREEN ARROW	101		3,33 only 107	HD 4 only 110	113			125	128	131						
YELLOW ARROW	102		3,33 only 108		114			126	129	132						
RED ARROW	103															

NU = NOT USED

### NEMA CONFLICT MONITOR

#### PROGRAMMING CARD

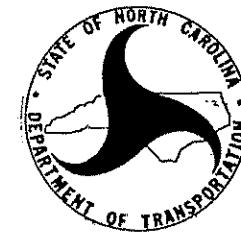
(INSTALL JUMPERS SHOWN)



CABINET MANUF: CONTROL TECH.  
CABINET MOUNT: BASE  
LOADBAY POSITIONS: 16  
PHASES USED: 1, 2, 3, 4, 5, 6.  
OL/A=Ø2+3  
OL/B=Ø1+3  
OL/C=Ø4+6  
OL/D=NU

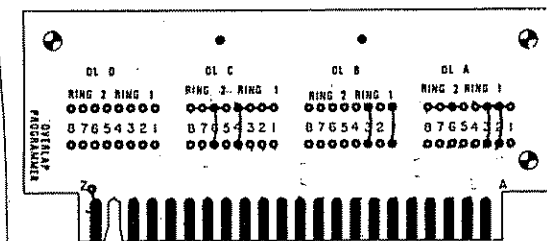
NU = NOT USED

ALL CABINET TERMINAL  
DESIGNATIONS ARE FOR  
CONTROL TECHNOLOGIES  
8 PHASE, 16 POSITION  
BASE MOUNTED CABINETS



ELECTRICAL AND PROGRAMMING DETAIL FOR:  
SR 1497 (WESTERN BOULEVARD EXT.)  
AND  
CONVENTION DR. - PRINCIPAL LANE

DIV. 05	WAKE CO.	CARY
SCALE N/A	N. C. DEPARTMENT OF TRANSPORTATION	REVISIONS
DATE 6-6-91	DIVISION OF HIGHWAYS	
DWG. BY TDP	TRAFFIC ENGINEERING BRANCH	
DESIGN BY MWH-TDP		
APPROVED [Signature]		S/G REV. NO. 05-0873



NEMA OVERLAP PROGRAMMING CARD  
(INSTALL JUMPERS AS SHOWN)