

LOAD SWITCH NUMBER	FUNCTION				
1	ø 1				
2	ø2				
3	ø3				
4	ø4				
5	ø5				
6	Ø6				
7	ø7				
8	ø8				
9	Ø2 PED				
10	Ø4 PED				
11	ø6 PED				
12	Ø8 PED				

PROJECT REFERENCE NO.	SHEET NO.
U-5606	Sig. 6.1

FIELD CONNECTION HOOK-UP CHART												
PHASE	1	2	3	4	5	6	7	8	2 PED	4 PED	6 PED	8 PED
SIGNAL HEAD NO.	61	21,22	81	41,42	21	61,62	41	81,82	P21, P22	P41, P42	P61, P62	P81, P82
RED	*	2R	*	4R	*	6R	*	8R				
YELLOW		2Y		4 Y		6Y		8Y				
GREEN		2G		4G		66		86				
RED ARROW												
YELLOW ARROW	1Y		3Y		5Y		7Y					
GREEN ARROW	1G		3G		5G		7G					
									9R	10R	11R	12R
Ŕ									90	10G	11G	12G

NU = NOT USED

* Denotes install load resistor. See Load Resistor Installation Detail this sheet.

SPECIAL BACKUP PROTECTION NOTES

1. PROGRAM CONTROLLER TO OMIT PHASE 1 DURING PHASE 2 ON , AND OMIT PHASE 3 DURING PHASE 4 ON , AND OMIT PHASE 5 DURING PHASE 6 ON , AND OMIT PHASE 7 DURING PHASE 8 ON.

- 2. TO ACCOMPLISH BACKUP FEATURE DESCRIBED IN NOTE 1, ENABLE 'BACKUP PROTECTION GROUP 1' AND 'BACKUP PROTECTION GROUP 2' UNDER CONTROLLER SUBMENU 9: 'OPTION DATA'.
- 3. PROGRAM CONTROLLER TO CLEAR FROM 2+6 TO PHASE 1 AND/OR PHASE 5 BY CALLING PHASE 4, AND TO CLEAR FROM 4+8 TO PHASE 3 AND/OR PHASE 7 BY CALLING PHASE 2. THIS ADDITIONAL BACKUP PROTECTION FEATURE IS IMPLEMENTED IN THE WRITE PROTECT AREA OF THE CONTROLLER SOFTWARE. FOR DIRECTIONS ON HAVING THIS FEATURE INSTALLED, CONTACT THE NCDOT TRAFFIC ELECTRONICS REPAIR CENTER AT (919) 814-4903.

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 02-0006T1
DESIGNED: January 2018
SEALED: 2/19/2018
REVISED: N/A

lectrical Detail -	Sheet 1 of 2		DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		
CTRICAL AND PROGRAMMING DETAILS FOR:	SR 1703 (West	14th Street)	SEAL		
Prepared in the Offices of:		at SR 1598 (Dickinson Avenue)			
I IT		REVIEWED BY:	F. F. WGINEER		
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senals Management	REVISIONS	INIT. DATE			
N.Greenfield Pkwy.Garner.NC 27529			Keith M. Mins 2/26/2018		