



WIRING DETAIL FOR NORTHSTAR CONTROLS NQ4 LONG VEHICLE OVERSPEED DETECTION SYSTEM NO. 2 - PHASE 6 APPR

(wire unit as shown below)

ROA	<u>CH</u>	ΝΟΤΕς	B-5351	Sig. 2.8
		<u>NOTES</u>		
1.	Overspeed	ng is critical to the proper oper Detection system. Make sure loop programmed in the NQ4 unit.		
2.		nit shall be located in an auxilic o the Long Vehicle Overspeed Dete	-	
3.		s an enclosed SPDT general purpos VAC coil, 10A contacts, and octal		
4.	The RC network across the coil of K1 is 0.1 micro farad, 100 ohm.			
5.	EDCO SPA-60BS is a surge protector for 120VAC interconnect circuits.			
6.	EDCO SHP300-10 is an AC service surge protector.			
7.	Terminal strips TB1, TB2, TB3, and TBB to be added by the installer.			
8.	3. DO NOT install ground rods at the auxiliary cabinet.			
9.	 Install equipment ground from the controller cabinet to the auxiliary cabinet if not already present. 			
10.	Install a disconnect at the auxiliary cabinet if there is no disconnect already present.			
	NO te th ma Pr 1. 2. 3. 4. 5.	NORTHSTAR CONTROLS MODEL PROGRAMMING DETAIL (program unit as shown below) TE: Unit must be programmed using a PC rminal emulator program. For connection e terminal emulator, refer to the NO4 of nual. ogram the NO4 by typing the following of SET SPEED = 55 SET LENGTH = 22' SET ALARMTIME = 12 SET SEPARATION = 16' (leading edge to edge - program actual measured separation SET LOOP LENGTH = 6' (program actual loop length) SAVE	C and a on to operation commands: commands:	
	cal Detail - of 8	Temporary Design 1 (TMP Phase I)	DOCUMENT NOT C FINAL UNLES SIGNATURES CO	SS ALL
RICAL .	AND PROGRAMMING DETAILS FOR:	I-85 Bus. / US 29-70	SEAL	
-	In the Offices of:	PLAN DATE: February 2018 REVIEWED BY: PREPARED BY: S. Armstrong REVIEWED BY:	estown DATE DATE DATE Decusigned by: Keither M. Minut	
Signal Greenfield	G TRANSCON Management Pkwy.Garner.NC 27529	REVISIONS INIT.	DATE DocuSigned by: Keith M. Mins	2/8/2018

PROJECT REFERENCE NO.

SIG. INVENTORY NO. 07-1191T1

SHEET NO.