



PROJECT NOTES (WIRELESS):

1. UPDATE THE EXISTING D06-28 HOPE MILLS CLOSED LOOP SYSTEM TO HAVE ETHERNET WIRELESS RADIOS AS SHOWN ON SCP-2 AND SCP-3 IN CONJUNCTION WITH UPDATE TO MAXTIME SOFTWARE AS SHOWN ON SIG. 2.0 AND SIG. 5.0 THROUGH SIG. 8.0.

WIRELESS INSTALLATION NOTES:

- 1) INSTALL COAXIAL CABLE
 - A. ON METAL STRAIN POLES, RUN COAXIAL CABLE UP THROUGH THE POLE AND OUT THE WEATHERHEAD AND ROUTE THE COAXIAL CABLE TO THE ANTENNA.
 - B. BETWEEN THE POINT OF EXITING THE RISER, METAL POLE, AND THE ANTENNA, SECURE THE COAXIAL CABLE TO THE STRUCTURE USING 3/4" STAINLESS STEEL STRAPS EVERY 12".
- 2) IF AN EXISTING 2" SPARE RIGID GALVANIZED STEEL RISER IS AVAILABLE, INSTALL THE COAXIAL CABLE IN THE SPARE RISER.
- 3) INSTALL WIRELESS ANTENNA ON POLE WITH RF WARNING SIGN. (NOTE: RF WARNING SIGN NOT REQUIRED WHEN ANTENNA IS INSTALLED ON AN NCDOT-OWNED POLE.)
- 4) MAINTAIN PROPER CLEARANCE FROM ALL UTILITIES PER THE NATIONAL ELECTRICAL SAFETY CODE.
- 5) INSTALL WIRELESS SERIAL RADIO MODEM WITH EXTERIOR DISCONNECT SWITCH LOCATED ON CABINET. (NOTE: RF ANTENNA DISCONNECT SWITCH AND DECAL ARE NOT REQUIRED WHEN THE ANTENNA IS INSTALLED ON AN NCDOT-OWNED POLE.)
- 6) REFERENCE "WIRELESS RADIO ANTENNA TYPICAL DETAILS."
- 7) REQUEST A CELL MODEM FROM DIVISION TRAFFIC ENGINEER (910)364-0600 AND ALLOW DIVISION AN EIGHT WEEK LEAD TIME TO ACQUIRE THE CELL MODEM.

LEGEND

	YAGI ANTENNA (SINGLE)
	OMNI ANTENNA
	EXISTING CONTROLLER AND CABINET
	EXISTING GATEWAY CABINET
	SIGNAL INVENTORY NUMBER
	EXISTING METAL POLE
	EXISTING WOOD POLE

09-SEP-2024 16:46
 P:\P\Projects\2400555-000-NCDDT-U-3422A-Camden-Rd-Signal-Sub\Carroll\mas-VAK\FSD\AS\Signal-Comm\loc1\oms\SCP-2.dgn
 DWI:118 AT CAR-DWHITE



TMP PHASE 1

Prepared For: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION AND SAFETY		Camden Road CLS Wireless Communication Plans		DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED
Division 6 Cumberland County Hope Mills		PLAN DATE: August 2024 REVIEWED BY: LM Moon		
PREPARED BY: JA Wendt/DJW		DRMP PROJ. NO: 2400555		SEAL Lisa Moon 10/3/2024
SCALE: 0 N/A				
REVISIONS:				