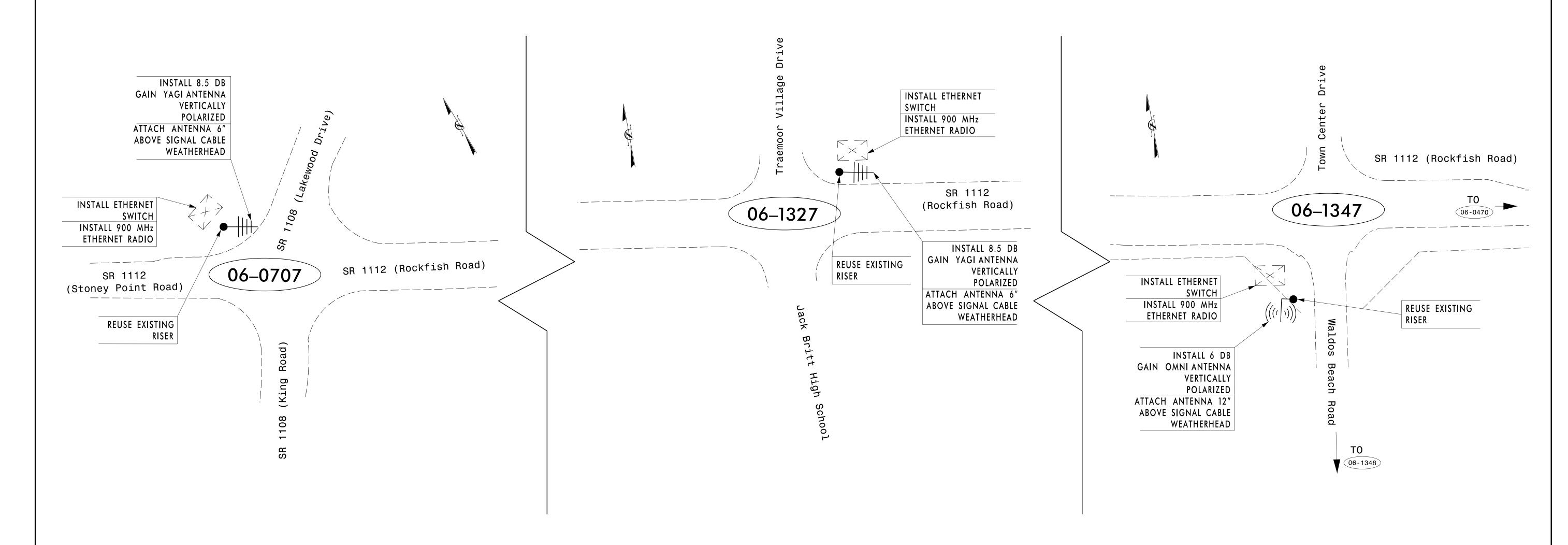
PROJECT REFERENCE NO. SCP-3 U-3422A



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.

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

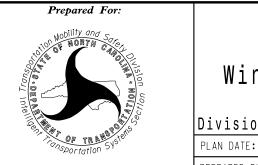
EXISTING CONTROLLER AND CABINET

EXISTING GATEWAY CABINET SIGNAL INVENTORY NUMBER

(XX-XXXX) EXISTING METAL POLE

EXISTING WOOD POLE





N/A

0

Camden Road CLS Wireless Communication Plans

Division 6 Cumberland County Hope Mills LM Moon REVISIONS INIT. DATE

PLAN DATE: August 2024 REVIEWED BY: 50 N. Greenfield Pkwy., Garner, NC 27529 PREPARED BY: JA Wendt/DJW DRMP PROJ. NO: 2400555



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL

SIGNATURES COMPLETED

Plans Prepared By: DRMP, Inc. 8210 University Executive Park Drive, Suite 220 Charlotte, NC 28262 NC License No. F-1524 (704) 332-2289 www.DRMP.com