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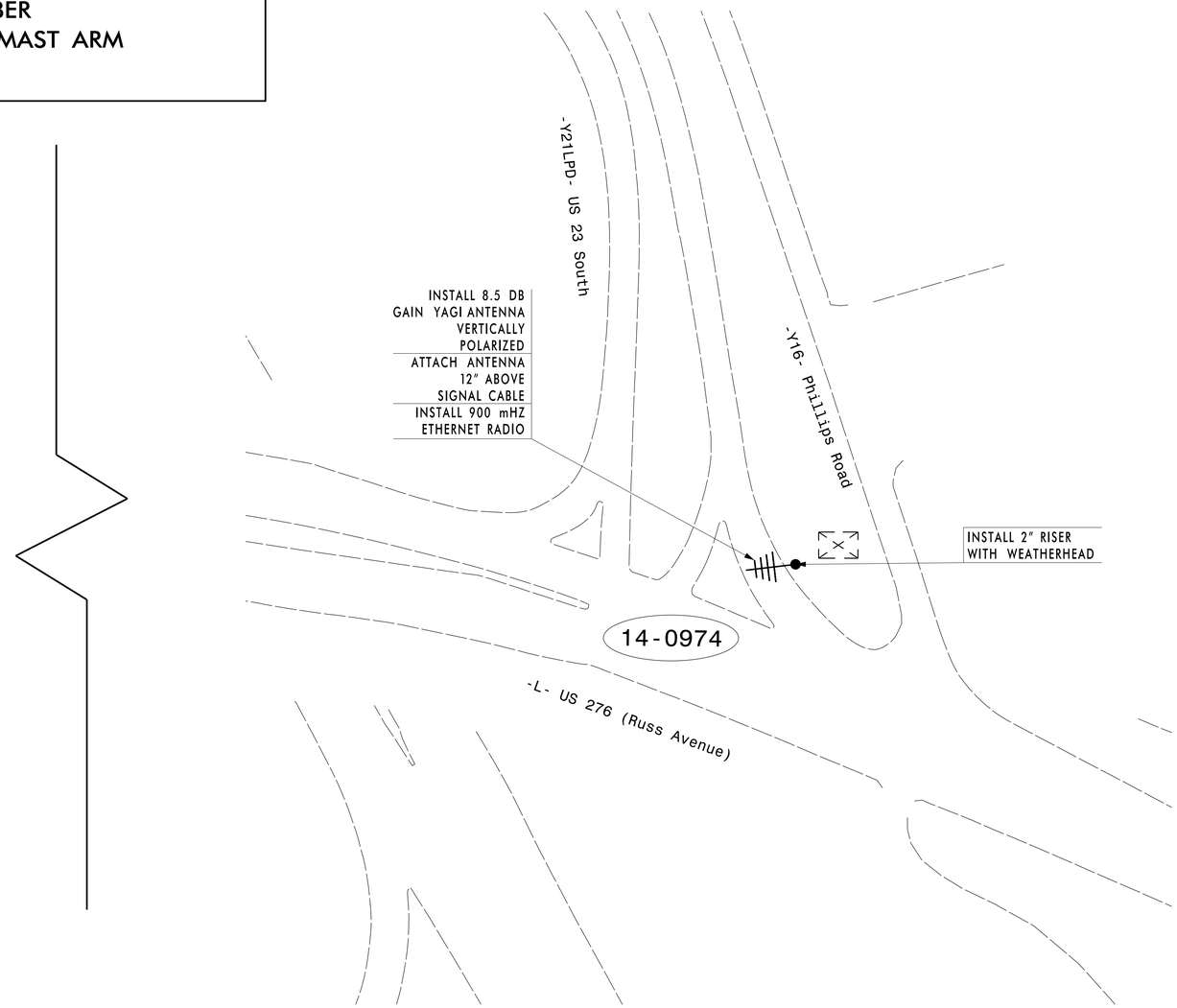
PROJECT REFERENCE NO.	SHEET NO.
U-5839	SCP-6

LEGEND

- YAGI ANTENNA (SINGLE)
- EXISTING CONTROLLER AND CABINET
- EXISTING GATEWAY RADIO LOCATION
- XX-XXXX SIGNAL INVENTORY NUMBER
- EXISTING METAL POLE W/MAST ARM
- EXISTING WOOD POLE



WIRELESS NOTES:

1) INSTALL COAXIAL CABLE

A. ON WOOD POLE, REQUIRING A NEW RIGID GALVANIZED STEEL RISER INSTALL A 2" RISER WITH WEATHERHEAD AND ROUTE THE COAXIAL CABLE TO THE ANTENNA.

2) IF AN EXISTING 2" SPARE RIGID GALVANIZED STEEL RISER IS AVAILABLE, INSTALL THE COAXIAL CABLE IN THE SPARE RISER WITHIN 2" WEATHERHEAD.

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) INSTALL WIRELESS RADIO 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.

5) MAINTAIN PROPER CLEARANCE FROM ALL UTILITIES PER THE MANUAL ELECTRICAL SAFETY CODE.

6) REFERENCE "WIRELESS RADIO ANTENNA TYPICAL DETAILS."

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TMP Phase I

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Prepared For:
Transportation Mobility and Safety Division
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
Intelligent Transportation Systems Section
750 N. Greenfield Pkwy., Garner, NC 27529

SCALE 0 50
1"=50'

D14-12_Waynesville
Wireless Communication Plans

Division 14 Haywood County Waynesville

PLAN DATE:	April 2023	REVIEWED BY:	WJ Hamilton
PREPARED BY:	TS Popelka	RKA PROJ. NO:	16085 (041)

REVISIONS	INIT.	DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 32396 ENGINEER WILLIAM J. HAMILTON

DocuSigned by:
William J. Hamilton
SIGNATURE 04/11/2023
DATE