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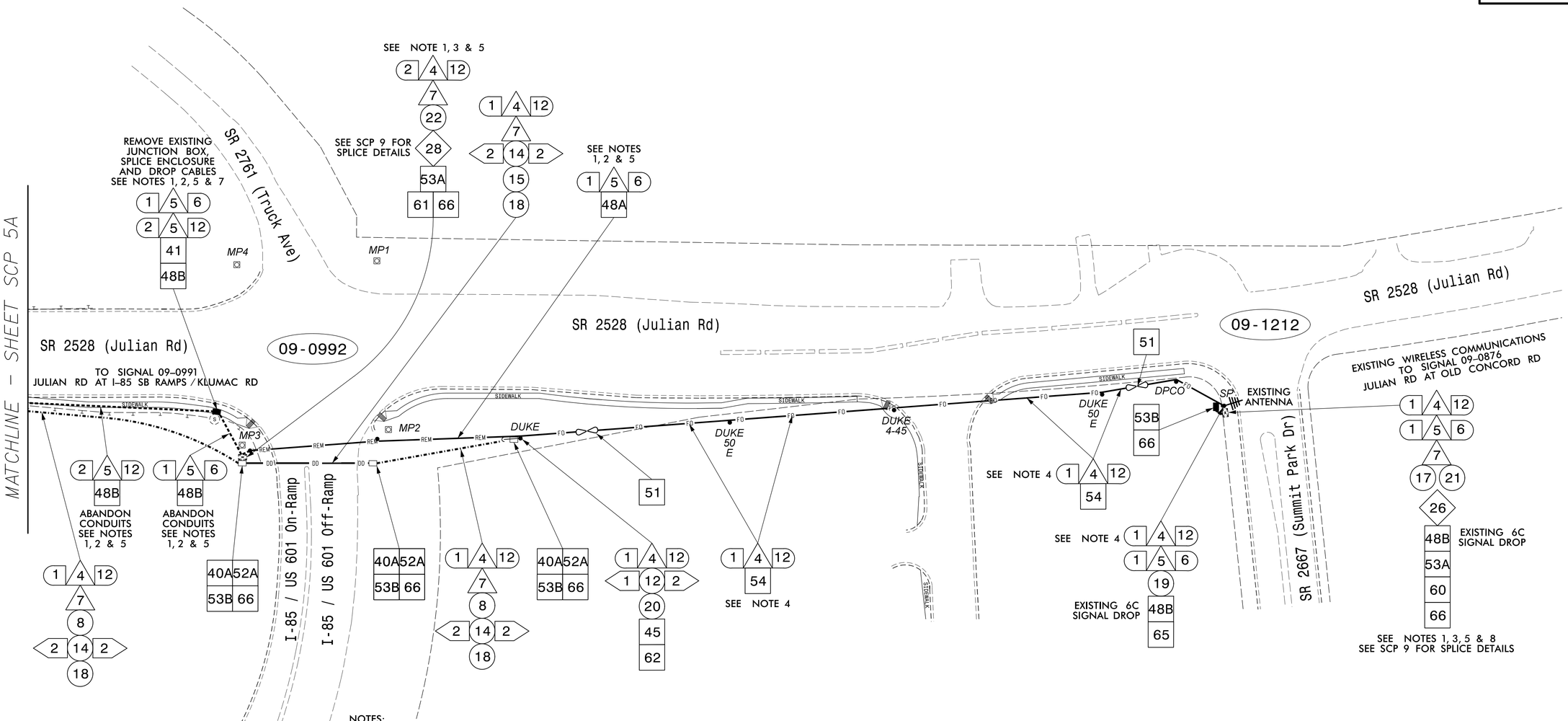
PROJECT REFERENCE NO.	SHEET NO.
U-5738	SCP 6



NOTES:

1. THE EXISTING 12C FIBER CROSSING I–85 UNDERNEATH THE BRIDGE CONNECTS THE TWO I–85 RAMP SIGNALS 09–0991 AND 09–0992, AND ALSO SERVES AS A DROP CABLE FOR CCTV 6 FROM THE 96C I–85 ITS FIBER TRUNK LINE. THE CONTRACTOR SHALL MAINTAIN THE EXISTING SIGNAL AND ITS SYSTEM COMMUNICATIONS UNTILL THE NEW FIBER OPTIC CABLES ARE INSTALLED AND READY FOR CUTOVER (SEE ICT).

2. THE EXISTING COMMUNICATIONS CABLE ROUTING AND SPLICE LOCATIONS SHALL BE FIELD VERIFIED. CONTRACTOR TO RECORD EXISTING SPLICE ARRANGEMENT FOR COMPARISON TO THE SUPPLIED SPLICE DETAILS. IF DISCREPANCIES EXIST, CONTACT THE ENGINEER TO DETERMINE HOW TO PROCEED WITH RESPLICING. PROVIDE AS–BUILT PLANS TO THE ENGINEER IF FINAL SPLICE ARRANGEMENT DIFFERS FROM THE SUPPLIED SPLICE DETAILS.

3. REUSE EXISTING FIELD ETHERNET SWITCH.

4. INSTALL A NEW 12–FIBER SIGNAL COMMUNICATIONS CABLE BETWEEN SIGNAL 09–0992 AND SIGNAL 09–1212. UTILIZE THE EXISTING UTILITY POLES AND THE 2" RIGID GALVANIZED STEEL RISER AS SHOWN.

5. AFTER THE PROPOSED FIBER OPTIC SIGNAL COMMUNICATIONS SYSTEM IS INSTALLED, DISCONNECT THE EXISTING COMMUNICATIONS CABLES INSIDE THE SIGNAL CABINETS AT SIGNALS 09–0640, 09–0991, 09–0992, 09–1212, AND PROMPTLY SWITCH TO THE NEW FIBERS. REMOVE THE EXISTING SIGNAL AND ITS COMMUNICATIONS CABLES AS SHOWN.

6. NOTIFY THE NCDOT DIVISION TRAFFIC ENGINEER J. P. COUCH AT 336–747–7800, REGIONAL ITS ENGINEER AT 336–315–7080, AND THE CITY OF SALISBURY TRAFFIC ENGINEERING COORDINATOR VICKIE EDDLEMAN AT 704–638–5200 TWO (2) WEEKS PRIOR TO BEGINNING WORK ON THE SIGNAL SYSTEM COMMUNICATIONS AND ITS FIBER OPTIC CABLES. NOTIFY THE NCDOT DIVISION TRAFFIC ENGINEER, REGIONAL ITS ENGINEER AND THE CITY'S TRAFFIC ENGINEERING COORDINATOR AFTER ALL WORK IS PERFORMED TO ENSURE THAT ALL FIBER CIRCUITS ARE FUNCTIONING PROPERLY. WORK IS NOT COMPLETE UNTIL THE SIGNAL SYSTEM AND THE ITS SYSTEM ARE BOTH BACK UP AND OPERATIONAL (SEE ICT).

7. REMOVE EXISTING JUNCTION BOXES AND BACKFILL WITH AN APPROVED MATERIAL.

8. MAINTAIN THE EXISTING WIRELESS COMMUNICATIONS BETWEEN SIGNAL 09–1212 AND SIGNAL 09–0876.

PREPARED IN THE OFFICE OF:
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Traffic Engineering Branch
Traffic Signals Management Section
750 N.Greenfield Pkwy,Garner,NC 27529

Signal Communications Plan

Division 9 Rowan County Salisbury

PLAN DATE: November 2021 REVIEWED BY: B. Phillips

PREPARED BY: Z. "Gavin" Teng REVIEWED BY:

SCALE 0 50 1" = 50'

REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 032179 ENGINEER ZHAOLONG TENG

DocuSigned by: Zhaolong Teng 12/3/2021
SIGNATURE DATE

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