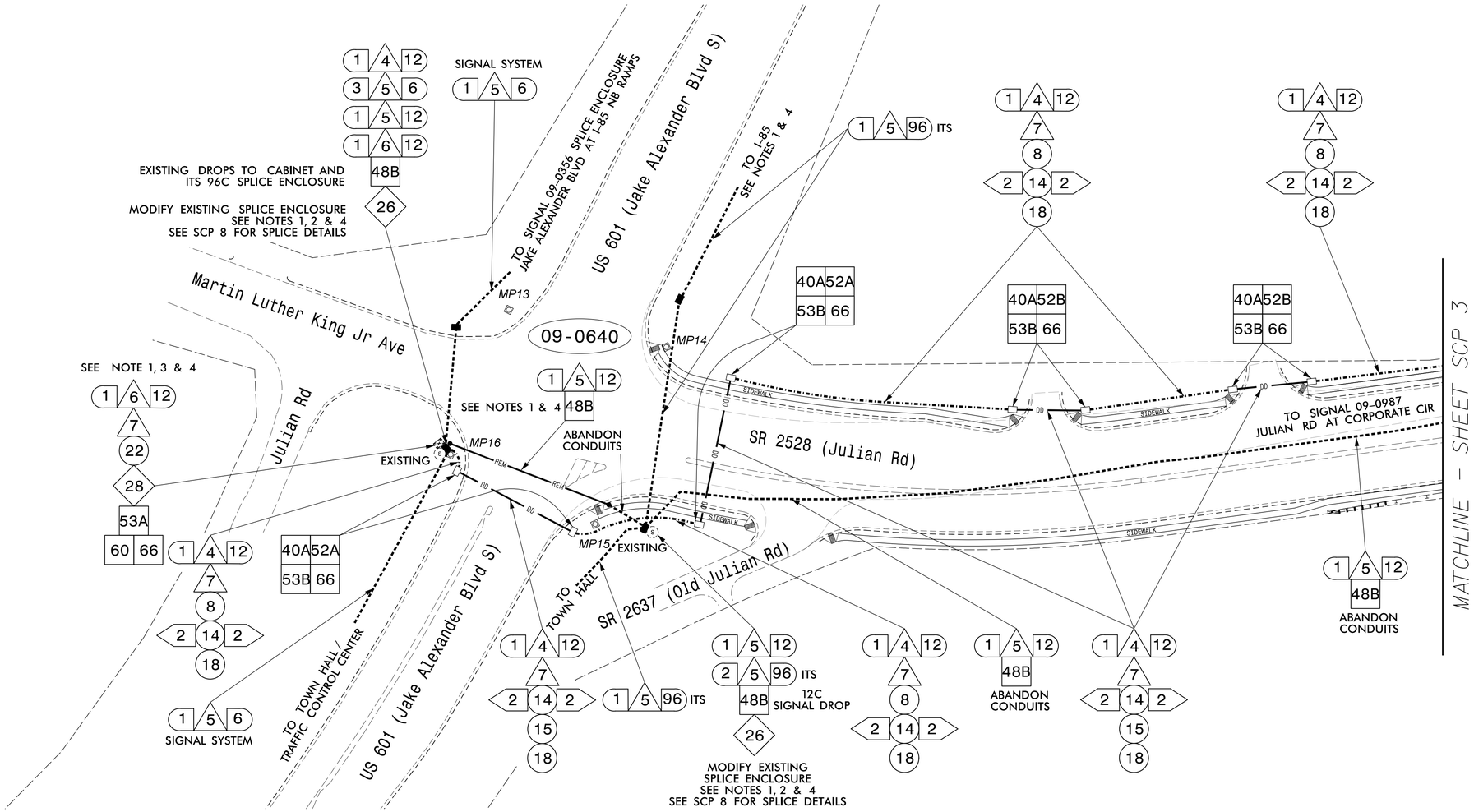
DocuSign Envelope ID: 1227471F-F09B-4661-8908-803F905CD481

PROJECT REFERENCE NO.	SHEET NO.
U-5738	SCP 2



NOTES:

1. SIGNAL 09-0640 CURRENTLY INTERCONNECTS WITH SIGNAL 09-0991 VIA A 12C DROP CABLE AND THE GREEN BUFFER TUBE FIBERS OF THE 96C ITS FIBER OPTIC CABLE WHICH RUNS ALONG JAKE ALEXANDER BLVD AND KLUMAC RD / I-85. SEPARATELY VIA THE 6C SIGNAL SYSTEM FIBER OPTIC CABLE ALONG JAKE ALEXANDER BLVD, SIGNAL 09-0640 ALSO CONNECTS WITH SIGNAL 09-0356 AND THE TRAFFIC CONTROL CENTER / TOWN HALL. 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. 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. DISCONNECT AND REMOVE THE SIGNAL DROP CABLES FROM THE 96C ITS FIBERS FOR SIGNAL 09-0640 AND 09-0991. RESTORE THE ITS FIBERS IN THE GREEN BUFFER TUBE TO THEIR DEFAULT CONFIGURATION (BUTT SPLICING).

5. 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).

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PREPARED IN THE OFFICE OF:
Accelerate Engineering, PLLC
875 Walnut Street, Suite 316
Cary, NC 27511
Tel: 919.263.5678 Fax: 919.263.5687
NC License No. P-1442

750 N.Greenfield Pkwy,Garner,NC 27529

SCALE 0 50 1" = 50'

Signal Communications Plan

Division 9 Rowan County Salisbury

PLAN DATE: November 2021 REVIEWED BY: B. Phillips
PREPARED BY: Z. "Gavin" Teng REVIEWED BY:

REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 032179 ENGINEER ZHAOLONG TENG

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

CADD Filename:

$$$$$$SYSTIME$$$$
$$$$$$USERNAME$$$$
$$$$$$DGNFILE$$$$$$$$$$$$$$$$$$$$