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PROJECT REFERENCE NO.	SHEET NO.
U-5808	SCP-2

LEGEND

—FO——FO—	NEW FIBER OPTIC COMMUNICATIONS CABLE		NEW CCTV CAMERA ASSEMBLY		NEW JUNCTION BOX
——EXI——	EXISTING COMMUNICATIONS CABLE		NEW CONTROLLER AND CABINET		EXISTING JUNCTION BOX
——REM——	EXISTING COMMUNICATIONS CABLE TO BE REMOVED		EXISTING CONTROLLER AND CABINET		NEW OVER–SIZED OR SPECIAL–SIZED JUNCTION BOX
	NEW AND EXISTING AERIAL GUY ASSEMBLY	S	NEW AERIAL SPLICE ENCLOSURE		EXISTING OVER–SIZED OR SPECIAL–SIZED JUNCTION BOX
	NEW CONDUIT	S	EXISTING AERIAL SPLICE ENCLOSURE	10–XXXX	SIGNAL INVENTORY NUMBER
	EXISTING CONDUIT		NEW CABLE STORAGE GUIDES (SNOW–SHOES)	EOP	EDGE OF PAVEMENT
—DD——DD—	NEW DIRECTIONAL DRILLED CONDUIT		EXISTING CABLE STORAGE GUIDES (SNOW–SHOES)	EOL	EDGE OF LANE
	NEW WOOD POLE		NEW STANDARD GUY ASSEMBLY	BOC	BACK OF CURB
	EXISTING WOOD POLE		EXISTING STANDARD GUY ASSEMBLY	FOC	FACE OF CURB
	NEW METAL POLE		NEW SIDEWALK GUY ASSEMBLY		NEW SYSTEM DETECTOR
	EXISTING METAL POLE		EXISTING SIDEWALK GUY ASSEMBLY		EXISTING SYSTEM DETECTOR

ABBREVIATIONS

AGUY	Aerial Guy
ARLT	Area Light
BS	Backside Attachment
DL	Drip Loop
DRP	Drop
DUKE	Duke Energy
ELEC	Electric
EXI	Existing Communications Cable
FO	Fiber Optic
FS	Front Side Attachment
IMC	Intermediate Metallic Conduit
JUP	Joint Use Pole
LIC	Lead–In Cable (Detector)
MSGR	Messenger
NCDOT	North Carolina Department of Transportation
NEUT	Neutral
OH	Overhead
OWS	Open Wire Secondary
PWR	Power
RSR	Riser
SAME	Same Elevation/Attachment Height
SEC	Secondary Power
SGRSR	Signal Riser
SIG	Signal Span
SP	Signal Pole
SO	Standoff
STLT	Streetlight
SVRSR	Service Riser
TEL	Telephone
TFMR	Transformer
TOP	Top of Pole or Top Attachment
TRI	Triplex
UG	Underground
UNK	Unknown
X ANY	Crossing Line, where "Any" is the abbreviation for the overhead line that is crossing existing/proposed cable route

GENERAL NOTES

1. FIVE (5) DAYS PRIOR TO BEGINNING WORK ON THE SIGNAL SYSTEM, CONTACT THE NCDOT DIVISION 10 TRAFFIC ENGINEER AT (704) 983–4400 TO ARRANGE FOR DIVISON 10 TO PROGRAM THE NEW FIELD ETHERNET SWITCHES WITH THE NECESSARY NETWORK CONFIGURATION DATA, INCLUDING BUT NOT LIMITED TO: THE PROJECT IP ADDRESS, DEFAULT GATEWAY, SUBNET MASK AND VLAN ID INFORMATION. NOTIFY THE DIVISION 10 TRAFFIC ENGINEER AFTER ALL WORK IS PERFORMED TO ENSURE THAT ALL FIBER CIRCUITS ARE FUNCTIONING PROPERLY. WORK IS NOT COMPLETE UNTIL THE SIGNAL SYSTEM IS BACK UP AND OPERATIONAL.
2. 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. ACTUAL CONDITIONS IN THE FIELD AT THE TIME OF CONSTRUCTION MAY BE DIFFERENT FROM THOSE SHOWN IN THE PLANS.
4. THE FIELD LOCATION OF ANY ITEM TO BE INSTALLED AS PART OF THIS PROJECT SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
5. NEW TRAFFIC SIGNAL CONTROLLER CABINETS ARE SPECIFIED ON THE SIGNAL PLANS.
6. BURIED UTILITIES AND STRUCTURES: PIPELINES, STORM SEWERS, POWER CABLES, UTILITY CABLES, AND OTHER PUBLICLY AND PRIVATELY OWNED UNDERGROUND OBSTRUCTIONS EXIST ADJACENT TO AND WITHIN THE STREET RIGHT–OF–WAY WITHIN THE CONSTRUCTION LIMITS OF THIS PROJECT. INVESTIGATE THE LOCATION OF SUCH BURIED UTILITIES AND STRUCTURES WITH PUBLIC AND PRIVATE UTILITIES.
7. THE PLAN SHEETS HAVE BEEN DEVELOPED AS CLOSE TO SCALE AS PRACTICAL. HOWEVER, ACTUAL FIELD CONDITIONS SHALL PROVIDE THE BASIS FOR APPLYING THE WORK SHOWN.
8. THE ROADWAY STANDARD DRAWINGS AND THE DETAILS PROVIDED IN THIS PLAN SHEET SHALL ALL APPLY TO ALL WORK REQUIRED IN THIS PROJECT, WHETHER A PARTICULAR DETAIL IS SPECIFICALLY REFERENCED TO A WORK ITEM OR NOT. IN THE EVENT OF A CONFLICT, THE ORDER OF PRECEDENCE SHALL BE: THE PROJECT SPECIAL PROVISIONS, THE PLAN SET – INCLUDING DETAILS – SUPPLEMENTAL SPECIFICATIONS, THE STANDARD SPECIFICATIONS, AND THEN THE ROADWAY STANDARD DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR APPLYING THE PROPER DETAILS.
9. ANY OF THE CONTRACTOR'S WORK ACTIVITIES WHICH IMPACT ANY UTILITY FACILITY SHALL BE COORDINATED WITH THE OWNER OF THE AFFECTED UTILITIES. THE CONTRACTOR SHALL FOLLOW ANY AND ALL WORK PROCEDURES THE UTILITY OWNERS MAY REQUIRE.
10. ALL WORK SHOWN ON THESE PLANS SHALL BE PERFORMED BY THE CONTRACTOR UNLESS SPECIFICALLY NOTED TO BE PERFORMED BY OTHERS.
11. WORK IS NOT COMPLETE UNTIL THE SIGNAL SYSTEM IS BACK UP AND OPERATIONAL.

RS&H
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RALEIGH, NC 27615
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DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared for the Offices of:
750 N.Greenfield Pkwy,Garner,NC 27529

Signal System - D10-33
Indian Trail
General Notes/
Abbreviations/Std. Dwgs.

Division 10 Union County Indian Trail

PLAN DATE:	May 2023	REVIEWED BY:	S.G. Haynie
PREPARED BY:	O. Drobny	REVIEWED BY:	V. L. Kaiser

REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 029531 STEVEN G. HAYNIE
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