PROJECT REFERENCE NO.	SHEET NO.
U-4715B	CRP-4.000

LEGEND

- FO — NEW FIBER OPTIC COMMUNICATIONS CABLE
- EXI — EXISTING COMMUNICATIONS CABLE
- REM — EXISTING COMMUNICATIONS CABLE TO BE REMOVED
- NEW AND EXISTING AERIAL GUY ASSEMBLY
- NEW CONDUIT
- EXISTING CONDUIT
- DD — NEW DIRECTIONAL DRILLED CONDUIT
- B&J — NEW BORED AND JACKED CONDUIT
- RAILROAD TRACK
- NEW WOOD POLE
- EXISTING WOOD POLE
- NEW METAL POLE
- EXISTING METAL POLE
- EXISTING CONCRETE POLE
- NEW STANDARD GUY ASSEMBLY
- EXISTING STANDARD GUY ASSEMBLY
- NEW SIDEWALK GUY ASSEMBLY
- EXISTING SIDEWALK GUY ASSEMBLY
- NEW HUB CABINET
- EXISTING HUB CABINET

- NEW CONTROLLER AND CABINET
- EXISTING CONTROLLER AND CABINET
- S — NEW SPLICE CABINET
- S — EXISTING SPLICE CABINET
- S — NEW AERIAL SPLICE ENCLOSURE
- S — EXISTING AERIAL SPLICE ENCLOSURE
- S — NEW UNDERGROUND SPLICE ENCLOSURE IN NEW SPECIAL–SIZED JUNCTION BOX
- S — NEW UNDERGROUND SPLICE ENCLOSURE IN EXISTING SPECIAL–SIZED JUNCTION BOX
- S — EXISTING UNDERGROUND SPLICE ENCLOSURE IN EXISTING SPECIAL–SIZED JUNCTION BOX
- NEW CABLE STORAGE GUIDES (SNOW SHOES)
- EXISTING CABLE STORAGE GUIDES (SNOW SHOES)
- NEW CCTV CAMERA ASSEMBLY
- EXISTING CCTV CAMERA ASSEMBLY
- E — EXISTING ELECTRICAL JUNCTION BOX
- YAGI ANTENNA
- OMNI–DIRECTIONAL ANTENNA
- 900 MHZ RADIO / FLAT–PANEL ANTENNA

- NEW STANDARD JUNCTION BOX
- EXISTING STANDARD JUNCTION BOX
- NEW OVER–SIZED OR SPECIAL–SIZED JUNCTION BOX
- EXISTING OVER–SIZED OR SPECIAL–SIZED JUNCTION BOX
- EXISTING UNDERGROUND VAULT
- Ⓒ — EXISTING COMMUNICATIONS MANHOLE
- W/ PWR — DESIGNATES UNFUSED POWER IN JUNCTION BOX, VAULT OR MANHOLE
- 13-XXXX / 14-XXXX — NCDOT SIGNAL INVENTORY NUMBER
- COA-XX — CITY OF ASHEVILLE SIGNAL ID NUMBER
- CCTV-XX — CCTV CAMERA ID NUMBER
- EOP — EDGE OF PAVEMENT
- EOL — EDGE OF LANE
- BOC — BACK OF CURB
- FOC — FACE OF CURB
- NEW SYSTEM DETECTOR
- EXISTING SYSTEM DETECTOR

ABBREVIATIONS

AGUY	Aerial Guy
ARLT	Area Light
AT&T	AT&T
BOT	Bottom Attachment
BS	Backside Attachment
CATV	Cable Television (Charter Communications)
CAM	Camera Bracket
CCTV	Closed–Circuit Television
COA	City of Asheville
COMM	Communications Cable
COMP	Composite Cable
DL	Drip Loop
DRP	Drop
DUKE	Duke Energy
ERC	Educational Research Consortium
EXI	Existing Communications Cable
FLCAB	Flasher Cabinet
FOC / FO	Fiber Optic Cable
FS	Front Side Attachment
HOLIDAY	Holiday Circuit
IMC	Intermediate Metallic Conduit
LIC	Lead–In Cable (Detector)
MBB	Morris Broadband
MSGR	Messenger
NCDOT	North Carolina Department of Transportation
NEUT	Neutral
OH	Overhead
OSS	Overhead Sign Span
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 Utility Owner
X ANY	Crossing Line, where "Any" is the abbreviation for the overhead line that is crossing exist/prop. cable route

GENERAL NOTES

1. THESE PLANS WERE PREPARED FROM INVENTORIES AND FIELD DATA COLLECTED DURING JANUARY 2016 THRU NOVEMBER 2016. ACTUAL CONDITIONS IN THE FIELD AT THE TIME OF CONSTRUCTION MAY BE DIFFERENT FROM THOSE SHOWN IN THE PLANS.
2. THE FIELD LOCATION OF ANY ITEM TO BE INSTALLED AS PART OF THIS PROJECT SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
3. NEW TRAFFIC SIGNAL CONTROLLER CABINETS ARE SPECIFIED ON THE SIGNAL PLANS.
4. BURIED UTILITIES AND STRUCTURES: PIPELINES, STORM SEWERS, POWER CABLES, UTILITY CABLES, BASEMENTS, 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.
5. 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.
6. THE ROADWAY STANDARD DRAWINGS AND THE DETAILS PROVIDED IN THIS PLAN SET 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.
7. 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.
8. ALL WORK SHOWN ON THESE PLANS SHALL BE PERFORMED BY THE CONTRACTOR UNLESS SPECIFICALLY NOTED TO BE PERFORMED BY OTHERS.
9. AREAS WITHIN THIS PROJECT HAVE BEEN DETERMINED TO CONTAIN PROPERTIES WITH DOCUMENTED HISTORICAL SIGNIFICANCE. IF IT IS NECESSARY TO DEVIATE FROM THE PLANS IN AN AREA IDENTIFIED TO CONTAIN PROPERTIES WITH HISTORIC SIGNIFICANCE, ALERT THE ENGINEER TO CONTACT PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS BRANCH – HISTORIC ARCHITECTURE GROUP OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION FOR AN EFFECTS DETERMINATION BEFORE PROCEEDING.
10. THE CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING WORK WITH THE NCDOT STIP I–5504 PROJECT ON NC 191 (BREVARD RD.) AT I–26 THRU THE ENGINEER.

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DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared for the Offices of:
NC Transportation
750 Greenfield Parkway, Garner, NC 27529

Asheville Signal System
Legend/ General Notes/ Abbreviations

Division 13 Buncombe County Asheville

PLAN DATE: December 2016 REVIEWED BY: M B Toth
PREPARED BY: J A Wiles REVIEWED BY: JT Brooks

NTS

REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 025892 ENGINEER MELISSA B. TOTH

Developed by: Melissa B. Toth 12/21/2016
DIGITALLY SIGNED BY DATE

CADD Filename: CRP-4.000.dgn