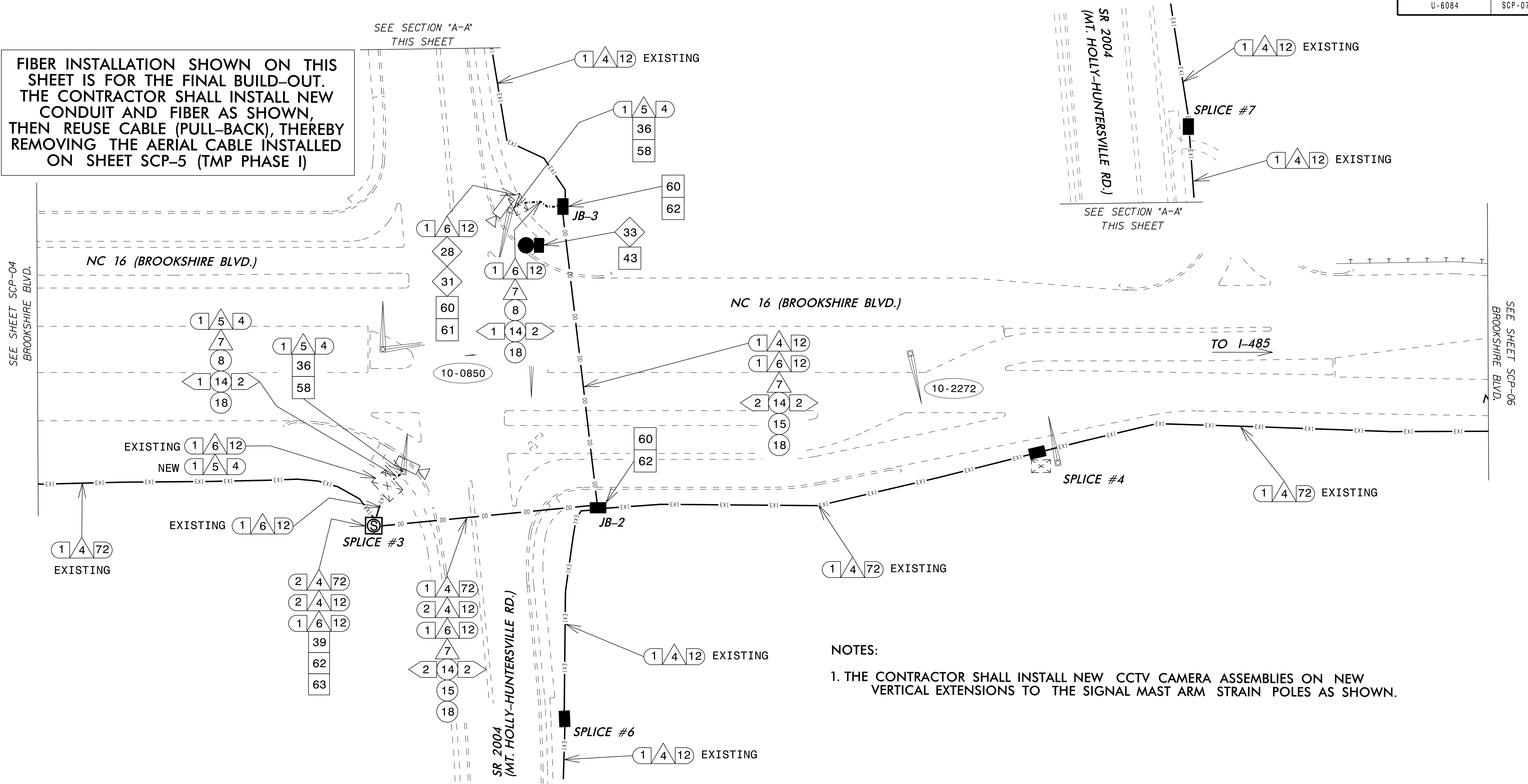


FIBER INSTALLATION SHOWN ON THIS SHEET IS FOR THE FINAL BUILD-OUT. THE CONTRACTOR SHALL INSTALL NEW CONDUIT AND FIBER AS SHOWN, THEN REUSE CABLE (PULL-BACK), THEREBY REMOVING THE AERIAL CABLE INSTALLED ON SHEET SCP-5 (TMP PHASE I)



NOTES:
1. THE CONTRACTOR SHALL INSTALL NEW CCTV CAMERA ASSEMBLIES ON NEW VERTICAL EXTENSIONS TO THE SIGNAL MAST ARM STRAIN POLES AS SHOWN.

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| <ul style="list-style-type: none"> 1 INSTALL REA, PE - 22, SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE 2 INSTALL REA, PE - 38, (FIGURE - 8) SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE 3 INSTALL 3-CONDUCTOR, CLASS B, STRANDED UNDERGROUND POWER CABLE 4 INSTALL SMFO CABLE 5 INSTALL WEATHERPROOF CATEGORY 5e UTP - 4 PAIR 23 AWG CABLE (PoE) 6 INSTALL FIBER OPTIC DROP CABLE 7 INSTALL TRACER WIRE 8 TRENCH 9 INSTALL PVC CONDUIT 10 INSTALL RIGID, GALVANIZED STEEL CONDUIT 11 INSTALL RIGID, GALVANIZED STEEL RISER WITH WEATHERHEAD 12A INSTALL RIGID, GALVANIZED STEEL RISER WITH FIBER OPTIC CABLE SEAL 12B INSTALL BRIDGE MOUNTED FIBERGLASS CONDUIT, WITH FOUR-WAY INNERDUCT INSERT 13 INSTALL OUTER-DUCT POLYETHYLENE CONDUIT 14 INSTALL POLYETHYLENE CONDUIT | <ul style="list-style-type: none"> 15 DIRECTIONAL DRILL CONDUIT 16 BORE AND JACK CONDUIT 17 INSTALL CABLE(S) IN EXISTING CONDUIT 18 INSTALL CABLE(S) IN NEW CONDUIT 19 INSTALL CABLE(S) IN EXISTING RISER 20 INSTALL CABLE(S) IN NEW RISER 21 INSTALL CABLE(S) IN EXISTING CONDUIT STUBOUTS 22 INSTALL NEW CONDUIT INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE) 23 INSTALL NEW RISER INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE) 24 INSTALL NEW CONDUIT INTO EXISTING POLE MOUNTED CABINET 25 INSTALL NEW RISER INTO EXISTING POLE MOUNTED CABINET 26 TERMINATE COMMUNICATIONS CABLE ON EXISTING TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET 27 INSTALL NEW TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET 28 INSTALL INTERCONNECT CENTER, PATCH PANEL, JUMPERS, AND FUSION SPlice CABLE IN CABINET 29 INSTALL UNDERGROUND SPlice ENCLOSURE | <ul style="list-style-type: none"> 30 INSTALL AERIAL SPlice ENCLOSURE 31 INSTALL POLE MOUNTED CABINET 32 INSTALL BASE MOUNTED CABINET (336) WITH EXTEND BASE 33 REMOVE EXISTING SPlice CABINET 34 INSTALL CABINET FOUNDATION 35 REMOVE EXISTING CABINET FOUNDATION 36 INSTALL CCTV CAMERA ASSEMBLY 37 INSTALL CCTV CAMERA WOOD POLE 38 INSTALL CCTV CAMERA METAL POLE AND FOUNDATION 39 INSTALL SPECIAL OVERSIZED JUNCTION BOX WITH 100 FEET OF COMMUNICATIONS CABLE 40 INSTALL OVERSIZED JUNCTION BOX 41 REUSE EXISTING METAL CCTV CAMERA POLE WITH NEW POLE FOUNDATION 42 INSTALL WOOD POLE 43 REMOVE EXISTING WOOD POLE 44 INSTALL AERIAL GUY ASSEMBLY 45 INSTALL STANDARD GUY ASSEMBLY | <ul style="list-style-type: none"> 46 INSTALL SIDEWALK GUY ASSEMBLY 47 INSTALL MESSENGER CABLE 48 REMOVE EXISTING COMMUNICATIONS CABLE AND MESSENGER CABLE 49 REMOVE EXISTING COMMUNICATIONS CABLE 50 INSTALL REEL END SPlice 51 INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 100 FEET OF CABLE 52 INSTALL DELINEATOR MARKER 53 STORE 50 FEET OF COMMUNICATIONS CABLE 54 LASH CABLE(S) TO EXISTING SIGNAL / COMMUNICATIONS CABLE 55 LASH CABLE(S) TO EXISTING MESSENGER CABLE 56 LASH CABLE(S) TO NEW MESSENGER CABLE 57 MODIFY EXISTING ELECTRICAL SERVICE 58 INSTALL NEW ELECTRICAL SERVICE FOR CCTV/DMS 59 INSTALL NEW BASE MOUNTED CABINET (336) 60 SEAL ALL CONDUIT ENTERING JUNCTION BOXES AND CABINETS WITH MOLDABLE DUCT SEAL 61 INSTALL ETHERNET SWITCH | <ul style="list-style-type: none"> 62 MODIFY EXISTING JUNCTION BOX 63 MODIFY EXISTING UNDERGROUND SPlice CLOSURE AND RESEAL 64 INSTALL JUNCTION BOX (JB) MARKER |
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LEGEND:

- PROPOSED CONDUIT
- EXI --- EXISTING CONDUIT
- FD --- NEW AERIAL FIBER OPTIC COMMUNICATIONS CABLE
- DD --- NEW DIRECTIONAL DRILLED CONDUIT
- NEW JUNCTION BOX
- EXISTING JUNCTION BOX
- ⊗ NEW UNDERGROUND SPlice CLOSURE
- ▶ EXISTING CCTV CAMERA ASSEMBLY
- ◀ NEW CCTV CAMERA ASSEMBLY
- Ⓜ EXISTING MASTER CONTROLLER AND CABINET
- Ⓜ EXISTING CONTROLLER AND CABINET

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TMP Final Phase

Prepared for the Offices of:

CABLE ROUTING PLANS

DIV 10 MECKLENBURG CO. CHARLOTTE

PLAN DATE: 2017 REVIEWED BY: D. HARRIS

PREPARED BY: J. INGRAM REVIEWED BY: B. WATSON

SCALE: NTS

DATE: 1/23/2018