

DRAWING 1

NEW ELECTRICAL SERVICE EQUIPMENT

NEW METER BASE/DISCONNECT COMBO PANEL

INSTALL 3-WIRE #3 COPPER SERVICE ENTRANCE CONDUCTORS IN NEW 1/2" RIGID GALVANIZED RISER WITH WEATHERHEAD. INSTALL 1/2" RAINPROOF CONDUIT HUB ON TOP OF NEW SERVICE METER/DISCONNECT COMBO PANEL.

INSTALL NEW SERVICE DISCONNECT WITH 1 SINGLE POLE, 15 AMP CIRCUIT BREAKER

INSTALL ONE 1" CONDUIT WITH THREE #4 COPPER FEEDER CONDUCTORS TO CCTV EQUIPMENT CABINET DISCONNECT

DRAWING 2

NEW EQUIPMENT CABINET DISCONNECT

NEW EQUIPMENT CABINET DISCONNECT

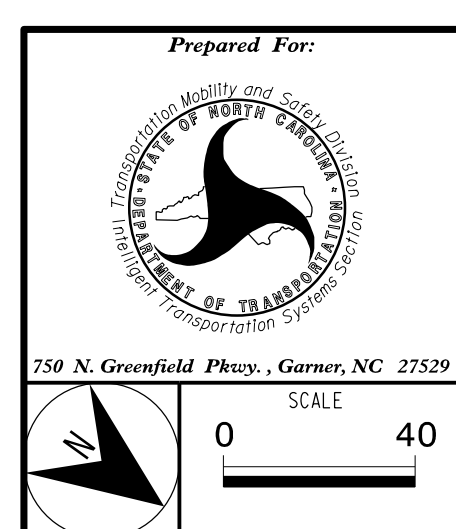
INSTALL 1 SINGLE POLE, 15 AMP CIRCUIT BREAKER FOR CCTV

INSTALL ONE 1" CONDUIT WITH THREE #12 COPPER FEEDER CONDUCTORS FROM POLE-MOUNTED METER BASE/DISCONNECT COMBO PANEL

INSTALL ONE 1" CONDUIT WITH THREE #12 COPPER FEEDER CONDUCTORS TO CCTV EQUIPMENT CABINET

NOTES:

- 1) MAINTAIN A MINIMUM OF SIX (6) FEET FROM THE EDGE OF PAVEMENT WHEN TRENCHING PARALLEL TO THE ROADWAY.
- 2) CONTACT THE DIVISION TRAFFIC ENGINEER AT (252) 640-6505 TO CONFIRM THE LOCATION OF THE CCTV CAMERA.
- 3) DO NOT INSTALL CONDUIT OR JUNCTION BOXES UNTIL THE LOCATION OF THE CCTV CAMERA HAS BEEN CONFIRMED BY THE DIVISION ITS ENGINEER.
- 4) INSTALL THE CCTV WOOD POLE AND CABINET ASSEMBLY A MINIMUM OF 30' FROM THE ROADWAY EDGE OF TRAVEL OR INSTALL GUARDRAIL AS NEEDED.
- 5) MOUNT THE CCTV CAMERA 5' BELOW THE TOP OF THE POLE.
- 6) IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE AVAILABLE FAULT CURRENT INFORMATION FROM THE POWER COMPANY FOR THE REQUIRED ELECTRICAL SERVICE AND PLACE A "FAULT CURRENT" STICKER INSIDE THE SERVICE DISCONNECT PANEL WITH THE DATE AND AVAILABLE FAULT CURRENT ON THE STICKER.
- 7) AT THE DIRECTION OF THE ENGINEER, PERFORM GRADING AS NEEDED WHERE GUARDRAIL POLE INSTALLATION AND DMS CONSTRUCTION WORK HAS BEEN PERFORMED.
- 8) RETURN EXISTING CCTV EQUIPMENT TO THE NCDOT DIVISION 4 TRAFFIC SERVICES OFFICE AT 509 WARD BOULEVARD, WILSON, NC 27895. CONTACT ANDY BROWN AT (252) 640-6505 TWO WEEKS IN ADVANCE TO COORDINATE DELIVERY.
- 9) NCDOT DIVISION 4 WILL FURNISH THE CCTV AND DMS CELL MODEMS. CONTACT THE ENGINEER SIX (6) WEEKS PRIOR TO BEGINNING WORK.
- 10) REFER TO THE TRANSPORTATION MANAGEMENT PLAN FOR LANE CLOSURE TIME RESTRICTIONS.



I-95 Exit 81 CCTV

PLAN DATE: March 2021	REVIEWED BY: WJ Hamilton
PREPARED BY: A. Andrews	RKA PROJ. NO.: 18132 (040)
REVISIONS	INIT. DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

NORTH CAROLINA PROFESSIONAL ENGINEER

WILLIAM J. HAMILTON

DocuSign

William J. Hamilton 3/26/2021