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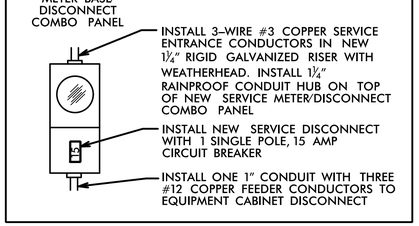
PROJECT REFERENCE NO.	SHEET NO.
C-5600G	ITS-20

CCTV–5 GPS COORDINATES

N 35° 15.496′
W 81° 00.037′

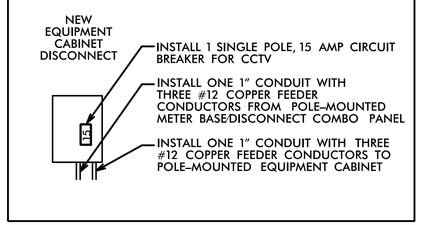
DRAWING 1

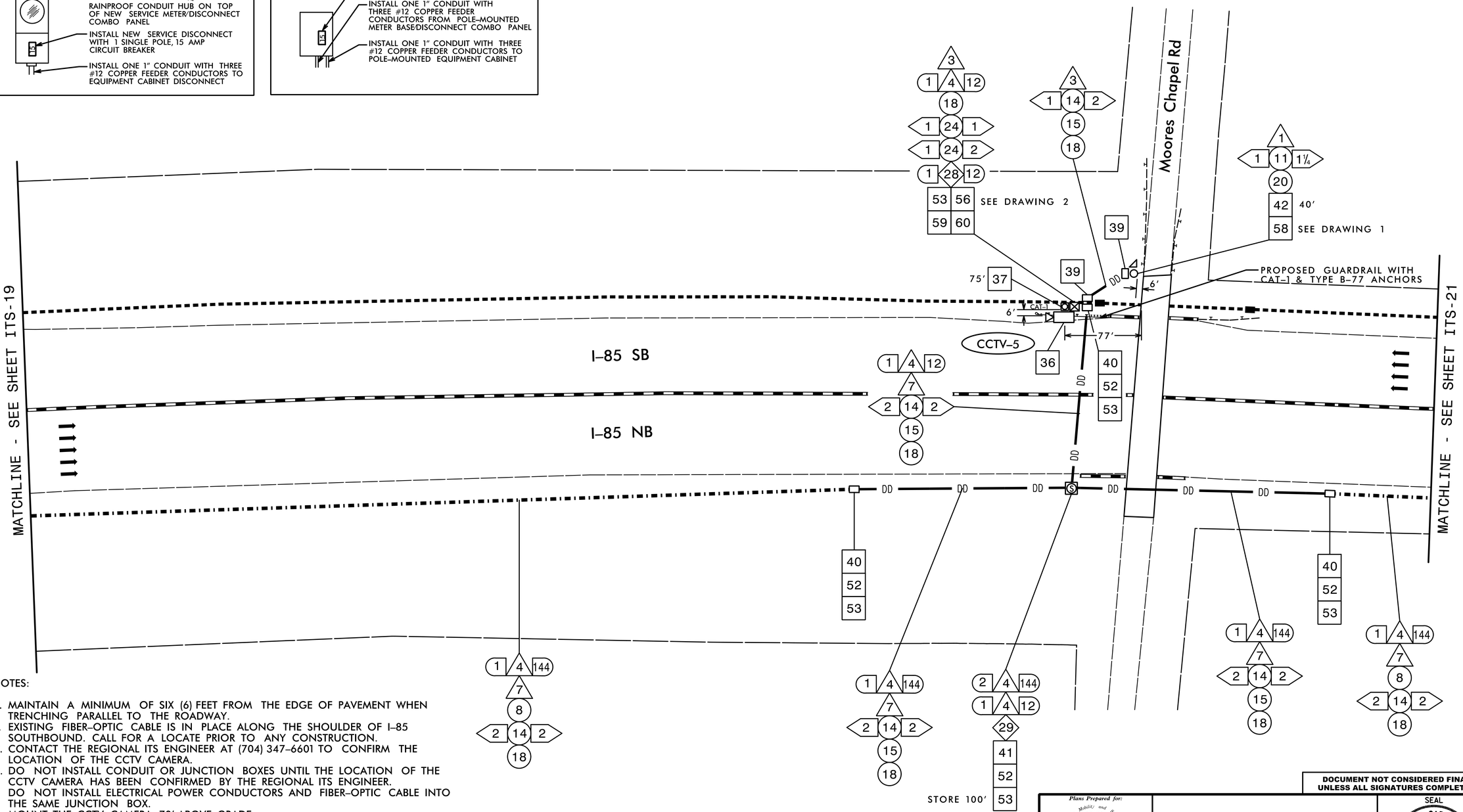
NEW ELECTRICAL SERVICE EQUIPMENT



DRAWING 2

NEW EQUIPMENT CABINET DISCONNECT





NOTES:

A. MAINTAIN A MINIMUM OF SIX (6) FEET FROM THE EDGE OF PAVEMENT WHEN TRENCHING PARALLEL TO THE ROADWAY.
B. EXISTING FIBER–OPTIC CABLE IS IN PLACE ALONG THE SHOULDER OF I–85 SOUTHBOUND. CALL FOR A LOCATE PRIOR TO ANY CONSTRUCTION.
C. CONTACT THE REGIONAL ITS ENGINEER AT (704) 347–6601 TO CONFIRM THE LOCATION OF THE CCTV CAMERA.
D. DO NOT INSTALL CONDUIT OR JUNCTION BOXES UNTIL THE LOCATION OF THE CCTV CAMERA HAS BEEN CONFIRMED BY THE REGIONAL ITS ENGINEER.
E. DO NOT INSTALL ELECTRICAL POWER CONDUCTORS AND FIBER–OPTIC CABLE INTO THE SAME JUNCTION BOX.
F. MOUNT THE CCTV CAMERA 70′ ABOVE GRADE.
G. INSTALL A LEVEL CONCRETE TECHNICIAN PAD MEASURING A MINIMUM OF 4 INCHES THICK, 24 INCHES WIDE AND 36 INCHES LONG AT THE FRONT DOOR OF THE CCTV EQUIPMENT CABINET. SEE TYPICAL DETAILS SHEET.
H. CONTACT DUKE ENERGY AT (800) 653–5307 TO ARRANGE FOR POWER TO ELECTRICAL SERVICE.
I. NEW ELECTRICAL BREAKER WILL BE LABELED WITH MAXIMUM AVAILABLE FAULT CURRENT. INFORMATION TO BE PRINTED ON LABEL WILL BE OBTAINED FROM THE UTILITY BY NCDOT AND PROVIDED TO THE CONTRACTOR.

HNTB
HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

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Plans Prepared for:
STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
Transportation Mobility and Safety Division
Intermodal Transportation Systems Section
750 N. Greenfield Pkwy., Garner, NC 27529

COMMUNICATIONS ROUTING PLAN

DIVISION 10 MECKLENBURG CO. NEAR CHARLOTTE

PLAN DATE:	JUNE 2016	REVIEWED BY:	A.D. KLINKSIEK
PREPARED BY:	T.R. TERRELL	REVIEWED BY:	H.L. WINSTEAD

SCALE 0 50 1″=50′

REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 07983 HARVEY L. WINSTEAD, JR.

DocuSigned by: H.L. Winstead, Jr. 7/8/2016
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SIGNATURE DATE

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