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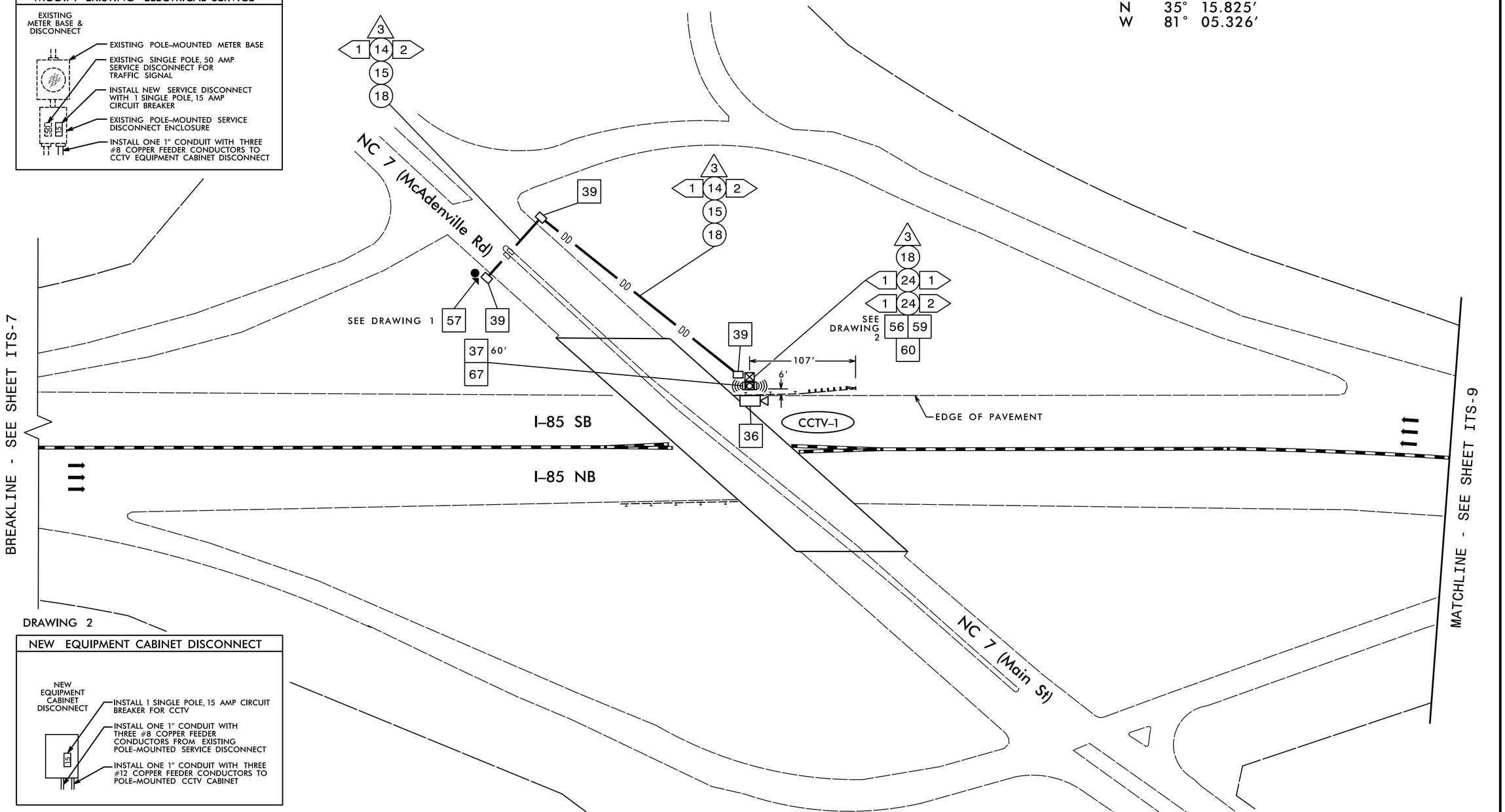
PROJECT REFERENCE NO.	SHEET NO.
C-5600G	ITS-8

CCTV–1 GPS COORDINATES

N 35° 15.825′
W 81° 05.326′



DRAWING 1

MODIFY EXISTING ELECTRICAL SERVICE

- EXISTING POLE–MOUNTED METER BASE
- EXISTING SINGLE POLE, 50 AMP SERVICE DISCONNECT FOR TRAFFIC SIGNAL
- INSTALL NEW SERVICE DISCONNECT WITH 1 SINGLE POLE, 15 AMP CIRCUIT BREAKER
- EXISTING POLE–MOUNTED SERVICE DISCONNECT ENCLOSURE
- INSTALL ONE 1″ CONDUIT WITH THREE #8 COPPER FEEDER CONDUCTORS TO CCTV EQUIPMENT CABINET DISCONNECT

DRAWING 2

NEW EQUIPMENT CABINET DISCONNECT

- INSTALL 1 SINGLE POLE, 15 AMP CIRCUIT BREAKER FOR CCTV
- INSTALL ONE 1″ CONDUIT WITH THREE #8 COPPER FEEDER CONDUCTORS FROM EXISTING POLE–MOUNTED SERVICE DISCONNECT
- INSTALL ONE 1″ CONDUIT WITH THREE #12 COPPER FEEDER CONDUCTORS TO POLE–MOUNTED CCTV CABINET

NOTES:

A. DO NOT INSTALL ELECTRICAL POWER CONDUCTORS AND FIBER–OPTIC CABLE INTO THE SAME JUNCTION BOX.
B. CONTACT THE REGIONAL ITS ENGINEER AT (704) 347–6601 TO CONFIRM THE LOCATION OF THE CCTV CAMERA.
C. DO NOT INSTALL CONDUIT OR JUNCTION BOXES UNTIL THE LOCATION OF THE CCTV CAMERA HAS BEEN CONFIRMED BY THE REGIONAL ITS ENGINEER.
D. MOUNT THE CCTV CAMERA 55′ ABOVE GRADE.
E. 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.
F. CONTACT ROB MAULT, NCDOT DIVISION 12 TRAFFIC SERVICES SIGNAL SUPERVISOR, AT (704) 480–5423 TO COORDINATE ANY TRAFFIC SIGNAL SERVICE MODIFICATIONS.

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

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Plans Prepared for:
Transportation Mobility and Safety Division
Intermodal Transportation Systems Section
750 N. Greenfield Pkwy., Garner, NC 27529

SCALE 0 50
1″=50′

COMMUNICATIONS ROUTING PLAN

DIVISION 12 GASTON CO. LOWELL

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

REVISIONS	INIT.	DATE

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

DocuSigned by:
H.L. Winstead, Jr. 6/29/2016
E5318298147247A
SIGNATURE DATE

CADD Filename: C-5600_ITS-8.dgn