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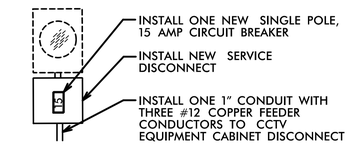
PROJECT REFERENCE NO.	SHEET NO.
R-2123CG	ITS-9

CCTV–2 GPS COORDINATES

N 35° 20.669′
W 80° 44.196′

DRAWING 1

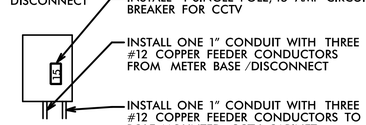
MODIFY EXISTING ELECTRICAL SERVICE

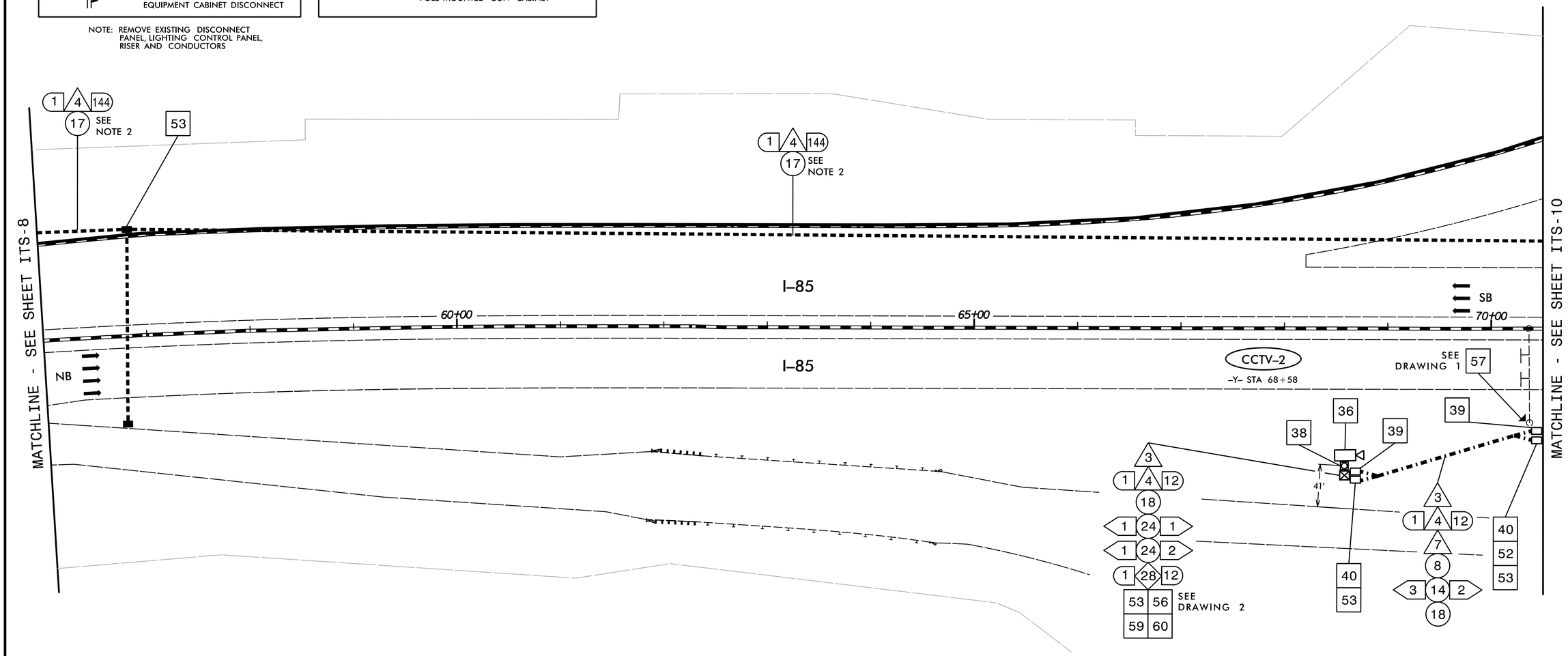


NOTE: REMOVE EXISTING DISCONNECT PANEL, LIGHTING CONTROL PANEL, RISER AND CONDUCTORS

DRAWING 2

NEW EQUIPMENT CABINET DISCONNECT





NOTES:

1. MAINTAIN A MINIMUM OF SIX (6) FEET FROM THE EDGE OF PAVEMENT WHEN TRENCHING PARALLEL TO THE ROADWAY.
2. INSTALL FIBER–OPTIC CABLE INTO THE EXISTING BLACK DUCT.
3. CONTACT THE REGIONAL ITS ENGINEER AT (704) 347–6601 TO CONFIRM THE LOCATION OF THE CCTV.
4. MOUNT THE CCTV CAMERA 45′ ABOVE GRADE.
5. INSTALL A LEVEL CONCRETE TECHNICIAN PAD MEASURING A MINIMUM 4 INCHES THICK, 24 INCHES WIDE AND 36 INCHES LONG AT THE FRONT DOOR OF THE CCTV EQUIPMENT CABINET. SEE TYPICAL DETAILS SHEET.
6. INSTALL CONDUITS FOR FEEDER CONDUCTORS AND FIBER OPTIC CABLE IN SAME BORE AND /OR TRENCH. USE SEPARATE CONDUITS, RED FOR POWER AND ORANGE FOR COMMUNICATIONS.
7. CONTACT TOM EDELIN (DUKE ENERGY) AT (704) 582–8070 TO OBTAIN POWER TO ELECTRICAL SERVICE.

NOTE:
ELECTRICAL SERVICE DETAILS AND CONSTRUCTION METHODS DEPICT FIELD CONDITIONS AT THE TIME OF DESIGN. CONTRACTOR IS TO VERIFY ACTUAL CONDITIONS AT THE TIME OF CONSTRUCTION AND OBTAIN APPROVAL FROM THE ENGINEER PRIOR TO MAKING ANY CHANGES.

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

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

SCALE 0 50 1"=50'

CABLE ROUTING PLAN

DIVISION 10 MECKLENBURG CO. CHARLOTTE

PLAN DATE:	DECEMBER 2014	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 — F62917C5CE07429... 12-18-2014
SIGNATURE DATE

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