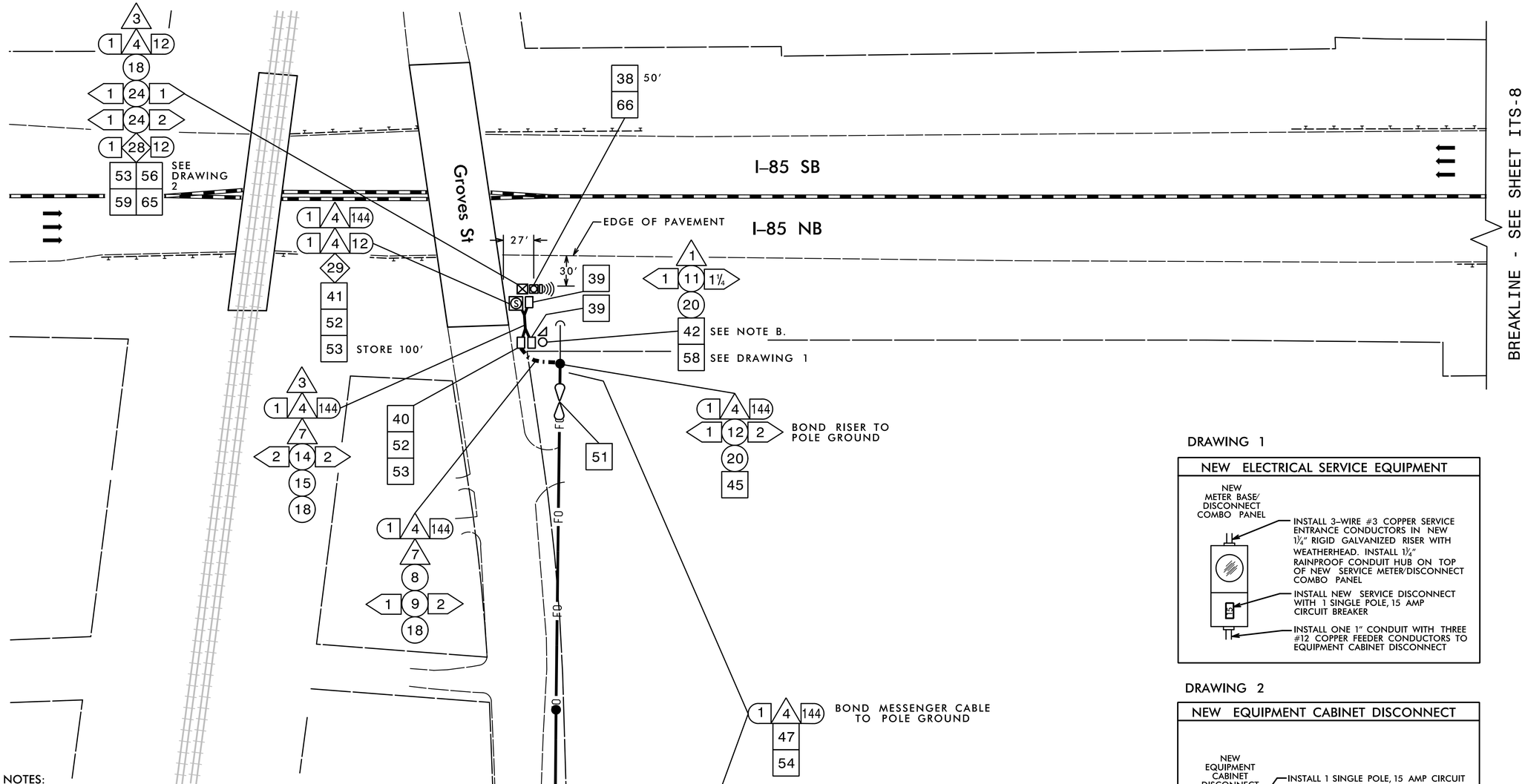
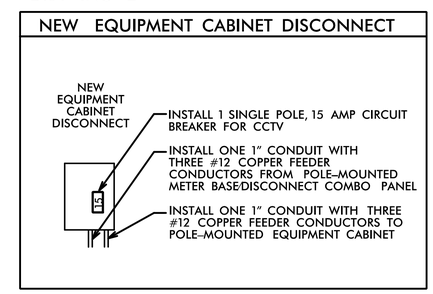
DocuSign Envelope ID: 0084CD19-5DA6-4D74-B9C9-C4034B0F27E9

PROJECT REFERENCE NO.	SHEET NO.
C-5600G	ITS-7



DRAWING 1

DRAWING 2



NOTES:

A. MAINTAIN A MINIMUM OF SIX (6) FEET FROM THE EDGE OF PAVEMENT WHEN TRENCHING PARALLEL TO THE ROADWAY.
B. INSTALL THE NEW WOOD SERVICE POLE INSIDE THE R/W FENCE AND APPROXIMATELY 28' FROM THE GROVES ST FACE OF CURB.
C. DO NOT INSTALL ELECTRICAL POWER CONDUCTORS AND FIBER-OPTIC CABLE INTO THE SAME JUNCTION BOX.
D. CONTACT THE REGIONAL ITS ENGINEER AT (704) 347-6601 TO CONFIRM THE LOCATION OF THE STEEL POLE.
E. DO NOT INSTALL CONDUIT OR JUNCTION BOXES UNTIL THE LOCATION OF THE STEEL POLE HAS BEEN CONFIRMED BY THE REGIONAL ITS ENGINEER.
F. INSTALL THE STEEL POLE, FOUNDATION AND CABINET ASSEMBLY A MINIMUM OF 30' FROM THE ROADWAY EDGE OF PAVEMENT.
G. MOUNT THE WIRELESS ANTENNA 45' ABOVE GRADE.
H. 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 EQUIPMENT CABINET. SEE TYPICAL DETAILS SHEET.
I. INSTALL CONDUITS FOR FEEDER CONDUCTORS AND FIBER OPTIC CABLE IN THE SAME BORE AND /OR TRENCH. USE SEPARATE CONDUITS, RED FOR POWER AND ORANGE FOR COMMUNICATIONS.
J. CONTACT DUKE ENERGY AT (800) 653-5307 TO ARRANGE FOR POWER TO ELECTRICAL SERVICE.
K. 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

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Plans Prepared for: Transportation Mobility and Safety Division of North Carolina Department of Transportation Intelligent Transportation Systems
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. 7/8/2016
E5318286147247A
SIGNATURE DATE

CADD Filename: C-5600G_ITS-7.dgn