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TIP PROJECT: C-5600G

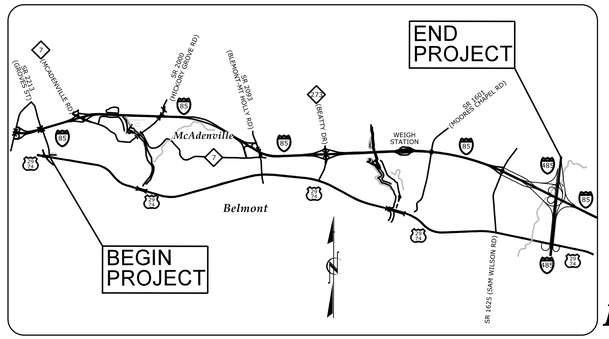
CONTRACT:

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	C-5600G	ITS-1	45

STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
50061.3.8	CMAQ-1229(016)	CONST.
50061.1.8	CMAQ-1229(016)	PE

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

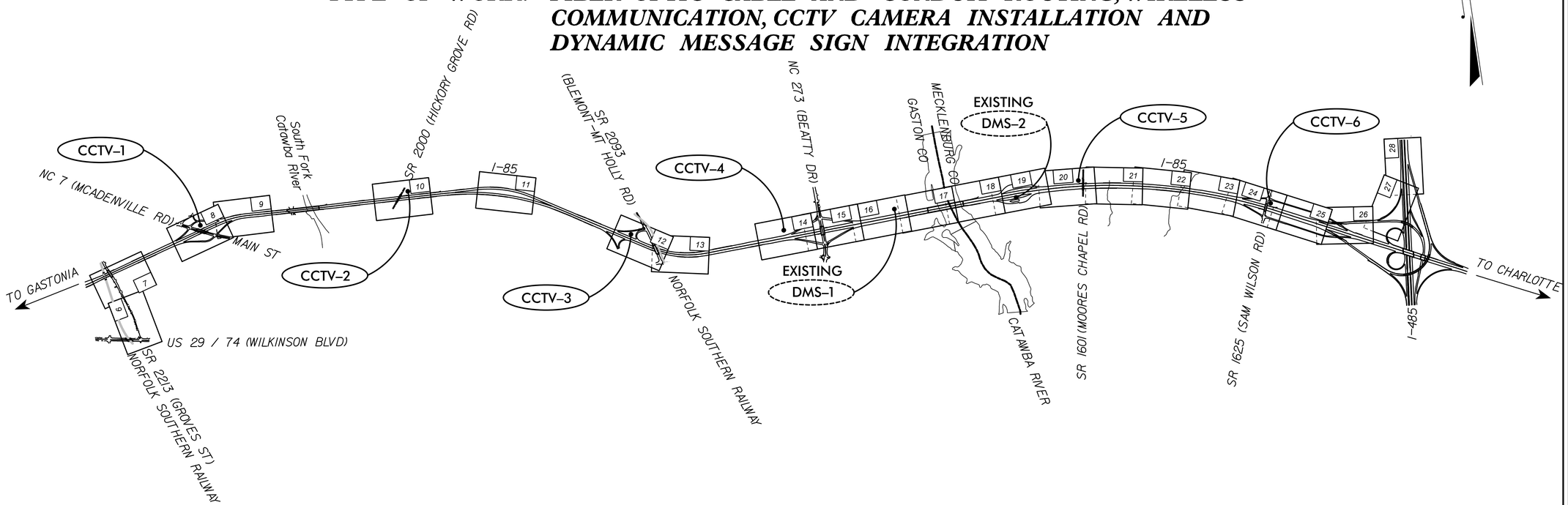
GASTON & MECKLENBURG COUNTIES



VICINITY MAP

LOCATION: INTERSECTION OF US 29 /74 AT GROVES ST, ALONG GROVES ST TO I–85, I–85 FROM GROVES ST OVERPASS TO JUST NORTH OF I–85 /I–485 INTERCHANGE

TYPE OF WORK: FIBER–OPTIC CABLE AND CONDUIT ROUTING, WIRELESS COMMUNICATION, CCTV CAMERA INSTALLATION AND DYNAMIC MESSAGE SIGN INTEGRATION



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

2012 STANDARD SPECIFICATIONS

PROJECT LENGTH

PROJECT LENGTH = 8.38 MILES

LETTING DATE:
OCTOBER, 2016

INDEX OF SHEETS

ITS–1 ..... TITLE SHEET
ITS–2 ..... TRAFFIC CONTROL NOTES
ITS–3 ..... SCHEMATIC DIAGRAM
ITS–4 ..... NETWORK BLOCK DIAGRAM
ITS–5 ..... CONSTRUCTION NOTES AND LEGEND
ITS–6–28 ..... COMMUNICATION ROUTING PLANS
ITS–29 ..... GUARDRAIL SUMMARY
ITS–30–39 ..... SPLICE DETAILS
ITS–40 ..... WIRELESS EQUIPMENT CONFIGURATIONS
ITS–41–43 ..... ELECTRICAL POWER DETAILS
ITS–44 ..... BRIDGE–MOUNTED JUNCTION BOX
ITS–45 ..... TYPICAL DETAILS

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" ROADWAY DESIGN UNIT – N.C. DEPARTMENT OF TRANSPORTATION – RALEIGH, N.C., DATED JANUARY 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1700.01	ELECTRICAL SERVICE OPTIONS
1700.02	ELECTRICAL SERVICE GROUNDING
1715.01	UNDERGROUND CONDUIT–TRENCHING
1716.01	JUNCTION BOXES
1720.01	WOOD POLES
1721.01	GUY ASSEMBLIES
1730.01	FIBER–OPTIC CABLE
1736.01	SPREAD SPECTRUM RADIO
1751.01	CONTROLLER AND CABINETS
1751.02	CONTROLLER AND CABINETS

NCDOT CONTACTS:
TRANSPORTATION SAFETY AND MOBILITY
INTELLIGENT TRANSPORTATION SYSTEMS SECTION

THOMAS G. PARKER - ITS PROJECT ENGINEER
ANN R. LORSCHEIDER, PE, PTOE - ITS PROJECT DESIGN ENGINEER

750 N. Greenfield Pkwy., Garner, NC 27529

PLANS PREPARED BY:

HNTB

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SEAL

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

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

ENGINEER SIGNATURE DATE