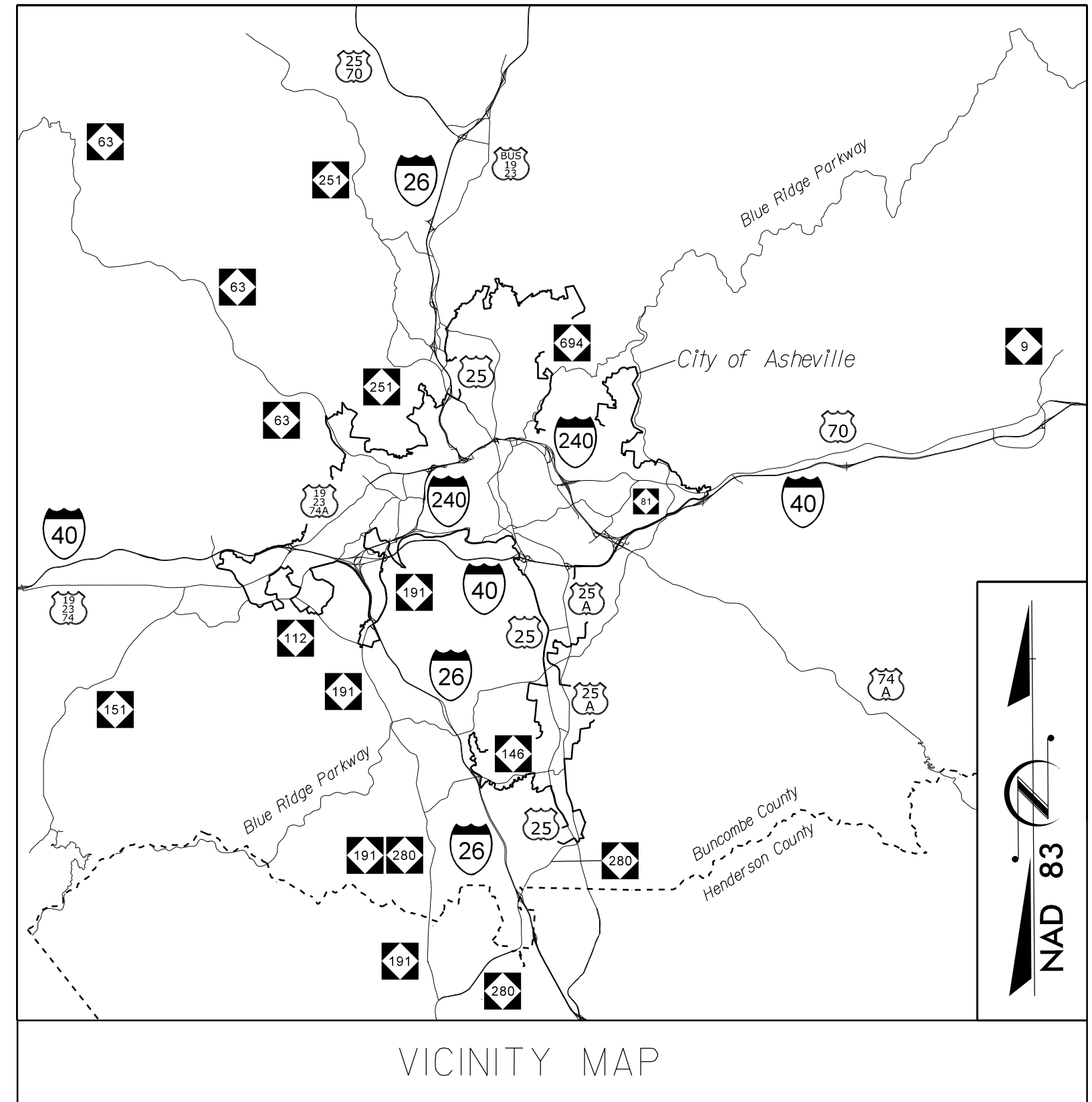


**CONTRACT: C203953 TIP PROJECT: U-4715B**

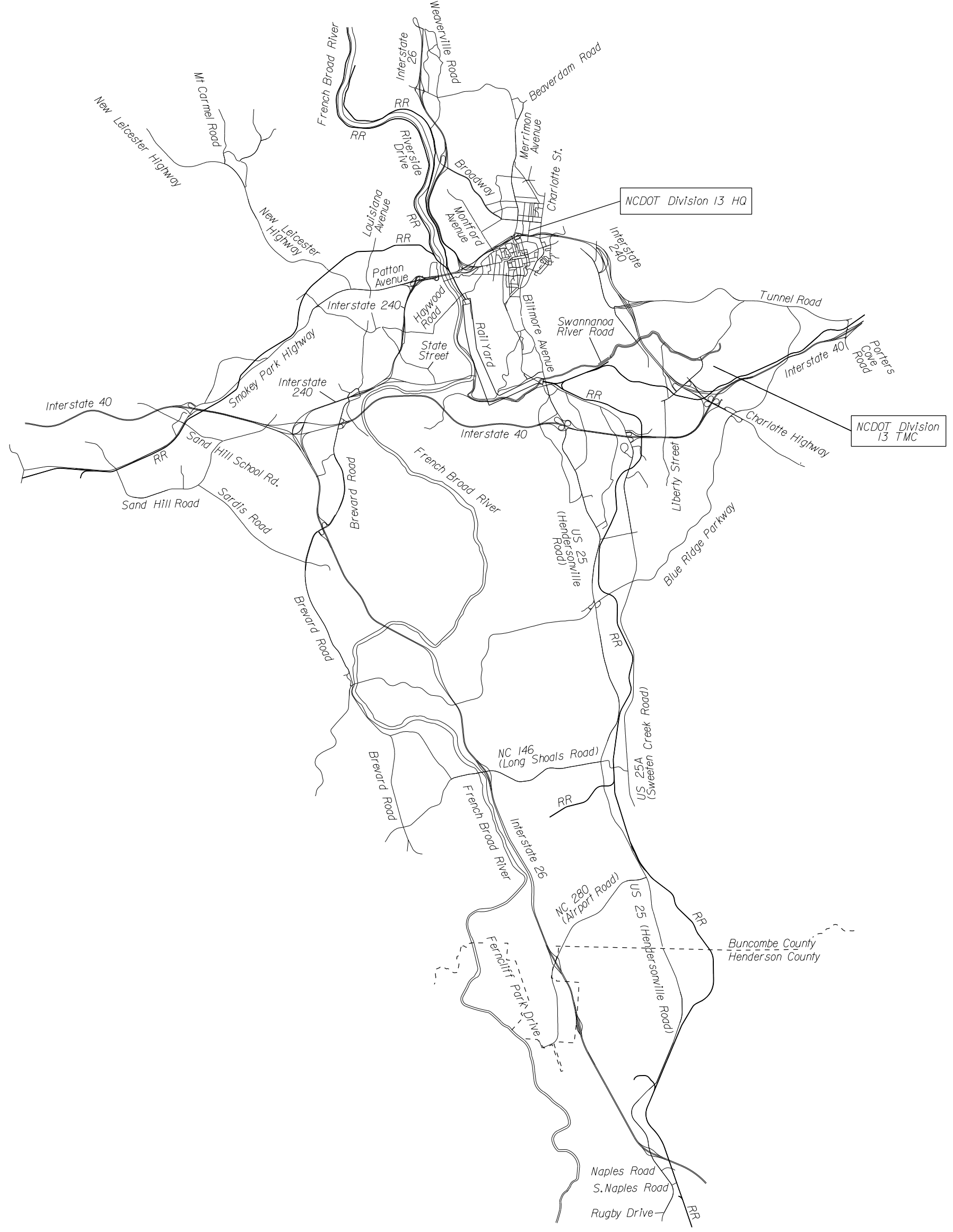


NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED IMPROVEMENTS  
**CITY OF ASHEVILLE**  
COMPUTERIZED TRAFFIC SIGNAL SYSTEM

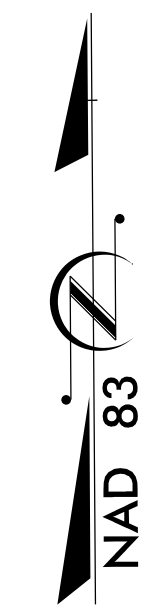
REPLACEMENT OF VARIOUS STANDALONE CLOSED-LOOP TRAFFIC SIGNAL SYSTEMS WITH A NEW COMPUTERIZED TRAFFIC SIGNAL SYSTEM.

RELATED WORK INCLUDES:  
UPGRADING LOCAL INTERSECTION CONTROLLERS, CABINETS, AND SYSTEM DETECTORS WITH LIMITED SIGNAL WIRING AND SIGNAL HEAD UPGRADES WHEN NECESSARY; UPGRADE AND EXPANSION OF CCTV MONITORING NETWORK; INSTALLING CENTRAL EQUIPMENT AND CENTRAL SOFTWARE; AND INSTALLATION OF AN ETHERNET COMMUNICATIONS NETWORK COMPRISED OF FIBER-OPTIC CABLE AND WIRELESS TECHNOLOGY WITH ALL RELATED EQUIPMENT.



STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-4715B	ITS-1,000	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
39079.1.2		PE	
39079.3.4	STP-1302 (069)	CONST	

**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



*Volume I of III  
Communications & CCTV  
Field Infrastructure,  
Building Modifications  
and Special Details  
Part 1 of 2*

2012 STANDARD SPECIFICATIONS  
LETTING DATE: APRIL 18, 2017  
PROJECT LENGTH = 80 MILES

**NC**  
Transportation  
750 Greenfield Parkway, Garner, NC 27529  
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THOMAS G. PARKER, ITS DEVELOPMENT AND DESIGN ENGINEER  
CYNTHIA MULDROW - DESIGN ENGINEER  
WILLIAM B. HAIRSTON, III - DESIGN ENGINEER

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H. ALFRED BADGETT, PE - ATKINS SENIOR PROJECT ENGINEER

**CITY OF ASHEVILLE**  
NORTH CAROLINA  
CITY OF ASHEVILLE

SEAL  
NORTH CAROLINA PROFESSIONAL SEAL 017586  
ENGINEER  
J. TODD BROOKS  
1/15/2017  
DATE