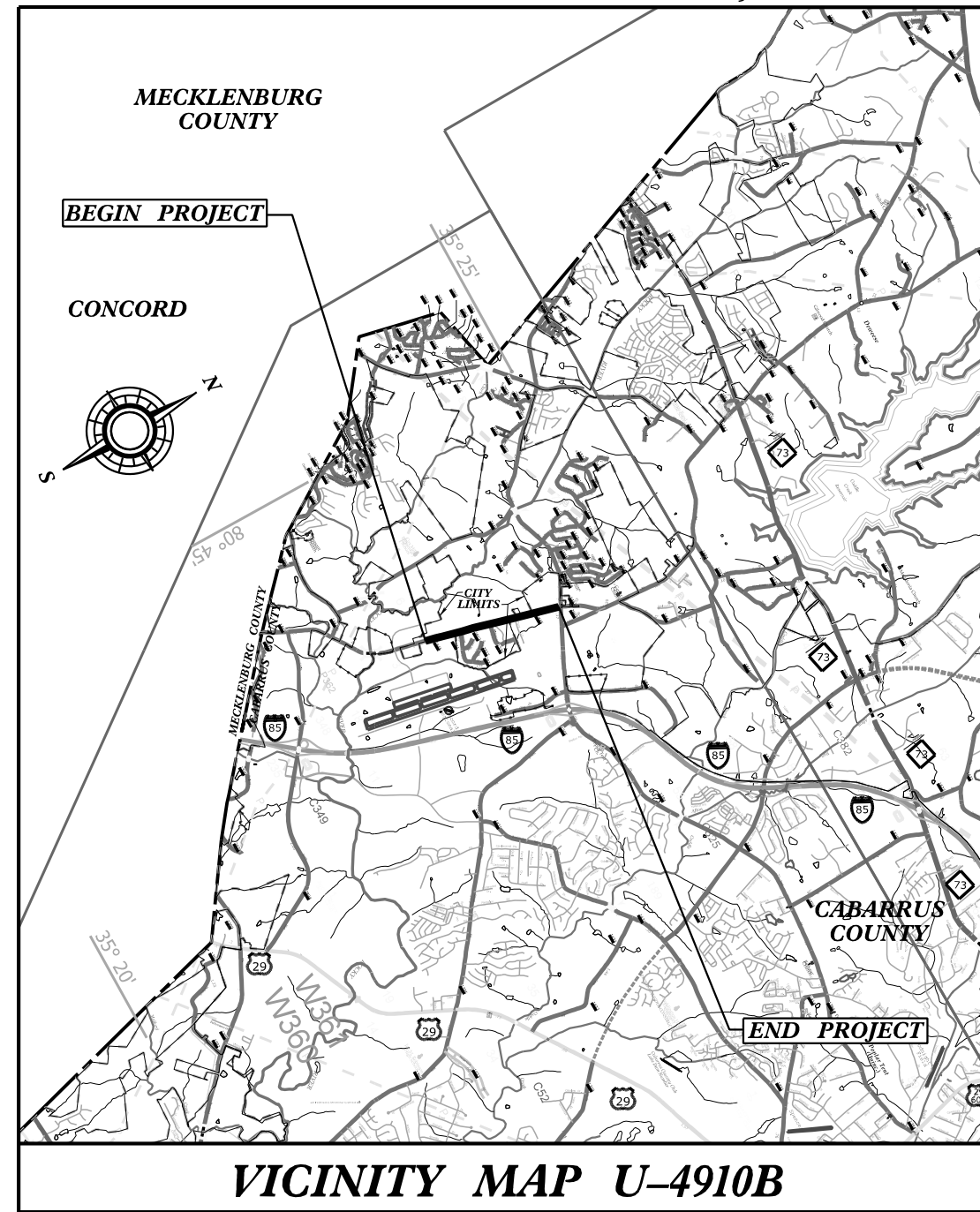


09/08/99

See Sheet 1-A For Index of Sheets  
See Sheet 1-B For Conventional Symbols



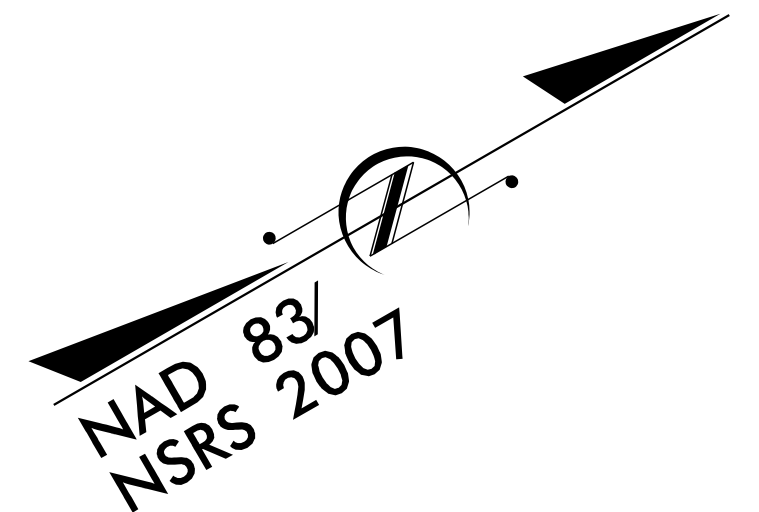
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**CABARRUS COUNTY**

**LOCATION: SR 1445 (DERITA ROAD) FROM AVIATION BOULEVARD  
TO SR 1394 (POPLAR TENT ROAD).**

**TYPE OF WORK: GRADING, PAVING, DRAINAGE & SIGNALS**

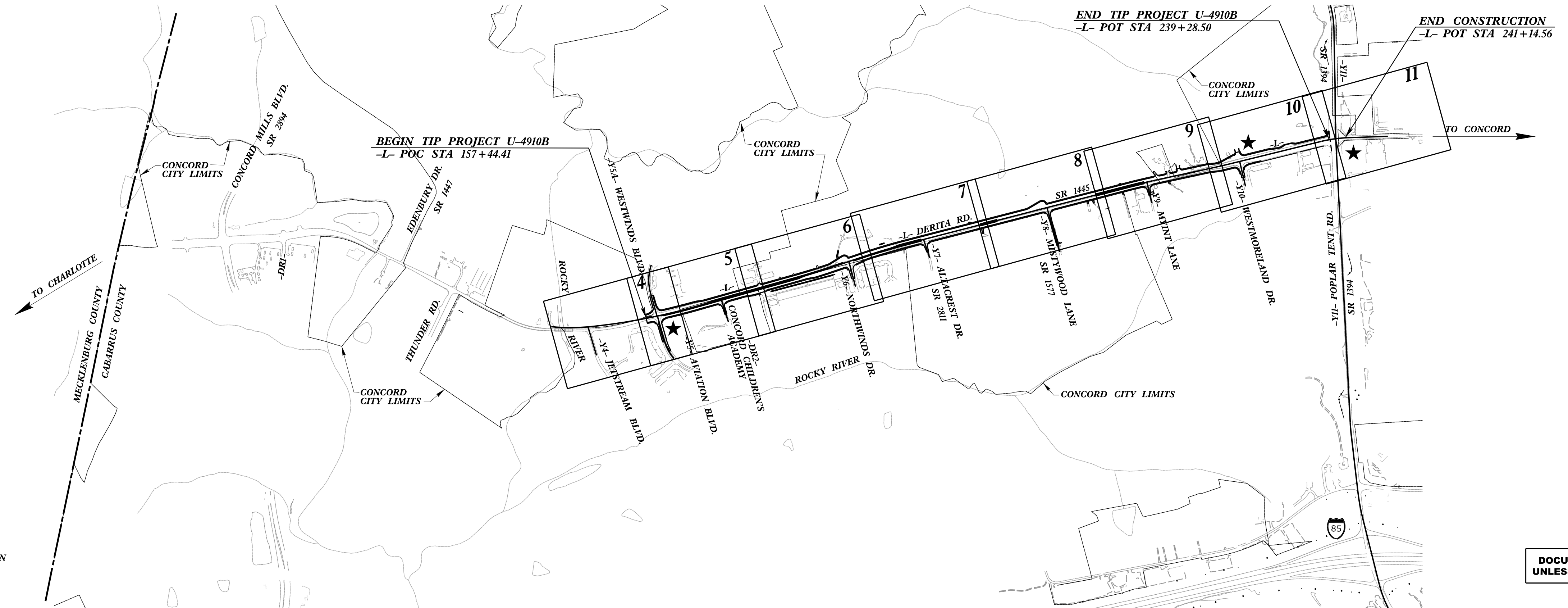
**PART II OF II**



|                 |                             |             |              |
|-----------------|-----------------------------|-------------|--------------|
| STATE           | STATE PROJECT REFERENCE NO. | SHEET NO.   | TOTAL SHEETS |
| N.C.            | U-4910B                     | 1           |              |
| STATE PROJ. NO. | F.A. PROJ. NO.              | DESCRIPTION |              |
| 40373.1.F3      | HPP-1445(7)                 | PE          |              |
| 40373.2.F2      | HPP-1445(7)                 | R/W & UTIL  |              |
| 40373.3.3       | STPDA-1445(008)             | CONST       |              |

**TIP PROJECT: U-4910B**

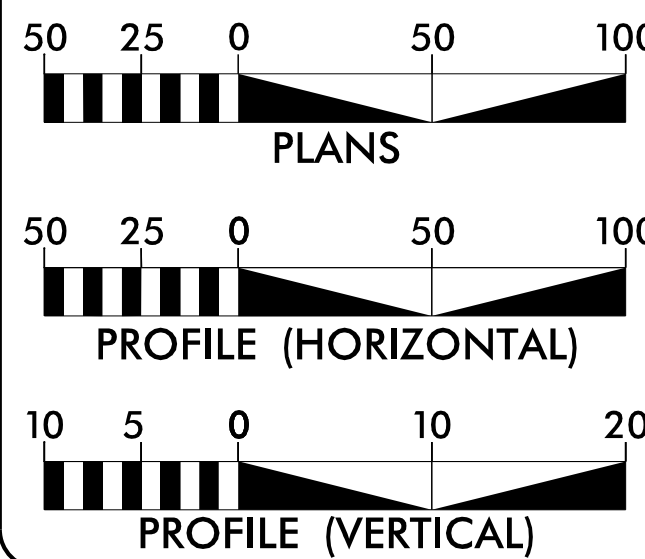
**CONTRACT NO: C203661**



★ - PROPOSED SIGNALIZED INTERSECTION

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

**GRAPHIC SCALES**



**DESIGN DATA**

ADT 2011 = 11,000  
 ADT 2035 = 28,300  
 K = 12 %  
 D = 65 %  
 T = 4 % \*  
 V = 50 MPH  
 \* TTST = 1% DUAL 3%  
 FUNC CLASS - ARTERIAL  
 SUBREGIONAL DESIGN

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT = 1.550 MILES  
 LENGTH STRUCTURE TIP PROJECT = 0.00 MILES  
 TOTAL LENGTH TIP PROJECT = 1.550 MILES

Prepared in the Office of:

**AECOM**  
 NC FIRM LICENSE No: F-0342  
 701 Corporate Center Drive, Suite 475  
 Raleigh, NC 27607  
 (919) 854-6200 - (919) 854-6259(FAX)

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:

SEPT. 18, 2014

LETTING DATE:

FEB. 21, 2017

**KEVIN J. VAN METRE, P.E.**  
 PROJECT ENGINEER

**NEIL DEAN, P.E.**  
 PROJECT DESIGNER

**THAD F. DUNCAN, P.E.**  
 PROJECT ENGINEER  
 NCDOT ROADWAY DESIGN

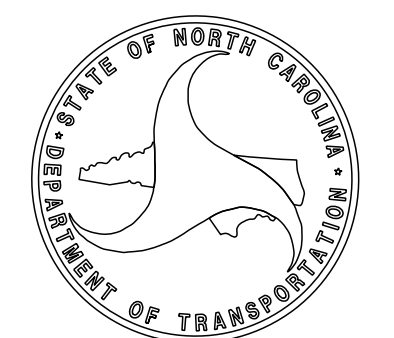
**HYDRAULICS ENGINEER**

DocuSigned by:  
  
**W. Henry Wells, Jr.**  
 P.E. 12/19/2016

**ROADWAY DESIGN ENGINEER**

DocuSigned by:  
  
**Kevin J. Van Metre**  
 P.E. 12/20/2016

**DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA**



STATE HIGHWAY DESIGN ENGINEER

USER: scheid  
DATE: 12/19/2016  
TIME: 2:48:48 PM  
DWG: R:\Roadway\Proj\U4910\_rdy\_1sh.dgn