

09.08/99

**TIP PROJECT: B-4159**

**C203498**

**CONTRACT:**

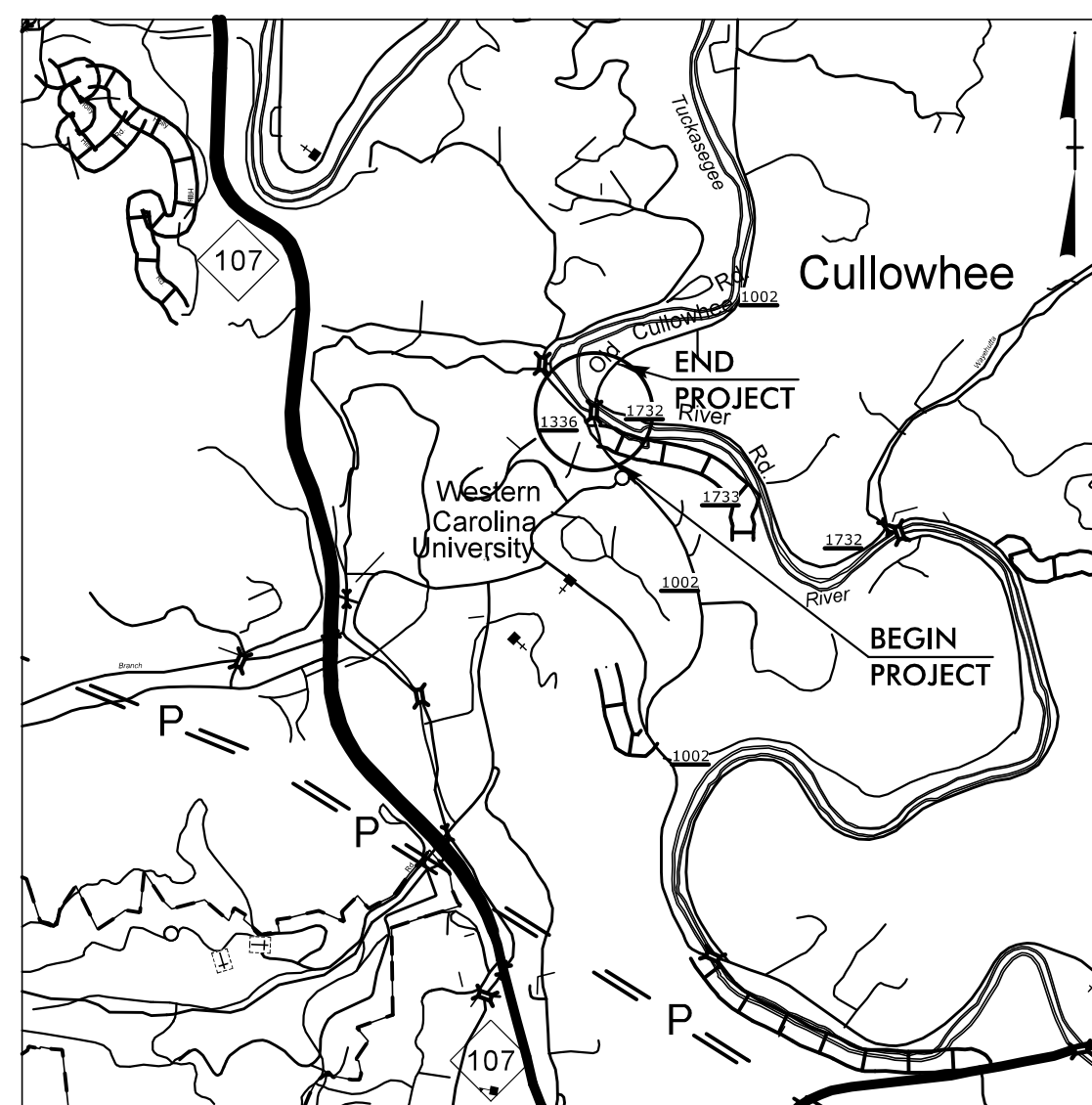
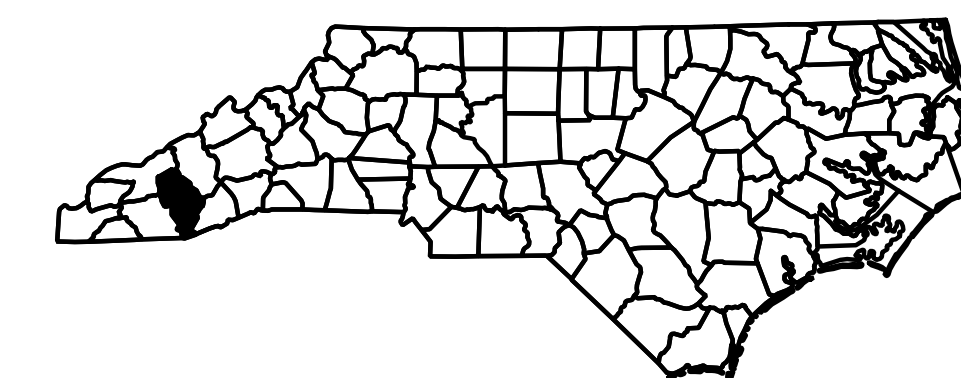
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**JACKSON COUNTY**

**LOCATION: BRIDGE NO.108 OVER THE TUCKASEGEE RIVER  
ON SR 1002 (OLD CULLOWHEE RD.)**

**TYPE OF WORK: GRADING, PAVING, DRAINAGE  
SIGNALS AND STRUCTURE**

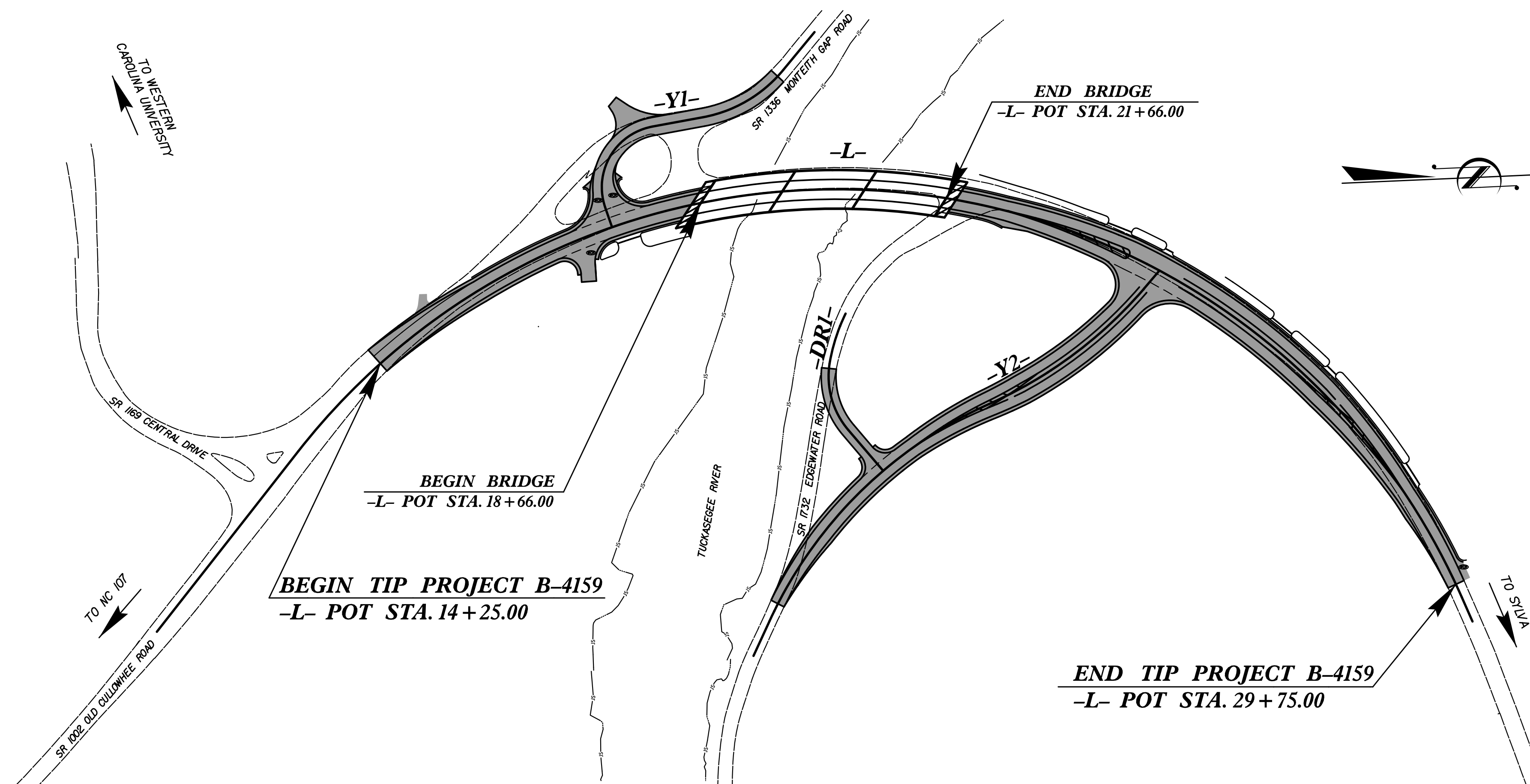
| STATE           | STATE PROJECT REFERENCE NO. | SHEET NO.   | TOTAL SHEETS |
|-----------------|-----------------------------|-------------|--------------|
| N.C.            | B-4159                      |             | 64           |
| STATE PROJ. NO. | F.A. PROJ. NO.              | DESCRIPTION |              |
| 33507.1.1       | BRZ-1002(13)                | PE          |              |
| 33507.3.1       | BRZ-1002(13)                | ROW & UTIL. |              |
| 33507.2.FD1     | BRZ-1002(13)                | CONST.      |              |



VICINITY MAP SHOWING LOCATION OF PROJECT B-4159

THIS PROJECT WAS DESIGNED USING THE SUB REGIONAL TIER GUIDELINES FOR BRIDGE PROJECTS

**STRUCTURES**



THERE IS NO CONTROL OF ACCESS ON THIS PROJECT  
CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD

**DESIGN DATA**

ADT 2012 = 9,800  
ADT 2032 = 15,400  
DHV = 10 %  
D = 60 %  
T = 5 % \*  
V = 40 MPH  
\* TTST 2% DUAL 3%  
FUNC CLASS =  
RURAL COLLECTOR

**PROJECT LENGTH**

LENGTH OF ROADWAY TIP PROJECT B-4159 = 0.237 MILES  
LENGTH OF STRUCTURE TIP PROJECT B-4159 = 0.057 MILES  
TOTAL LENGTH OF TIP PROJECT B-4159 = 0.294 MILES

Prepared In the Office of:



5121 Kingshill Way, Suite 100 Raleigh, NC 27607  
NC License No: F40256

for the

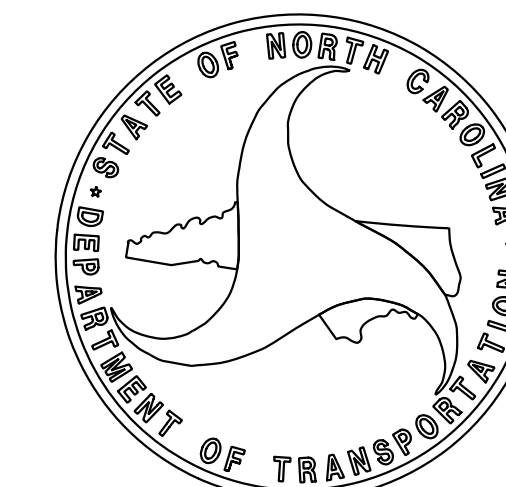
**NCDOT STRUCTURES MANAGEMENT UNIT**

2012 STANDARD SPECIFICATIONS

LETTING DATE:  
DECEMBER 15, 2015



DocuSigned by:  
Thomas E. Tallman 10/15/2015  
EB789620E2405...



10/14/2015  
SO-B-4159\_sd+cv.dgn  
ICA Engineering