

09/28/2019

See Sheet 1A For Index of Sheets

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

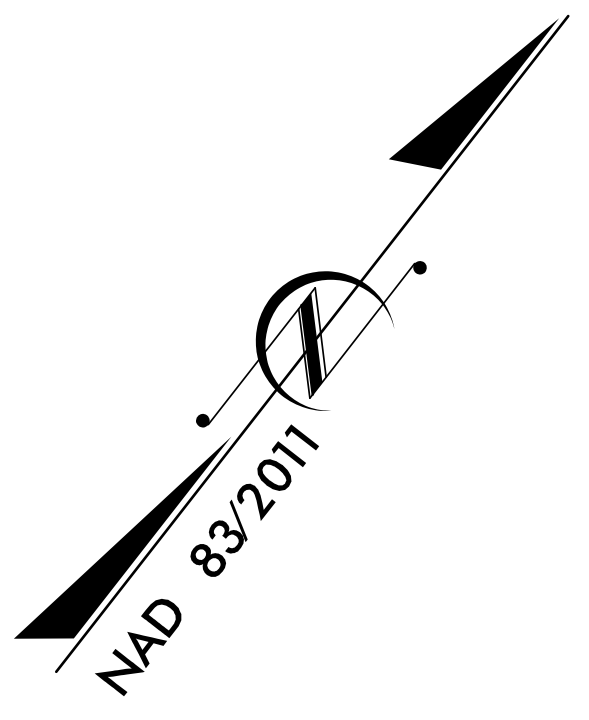
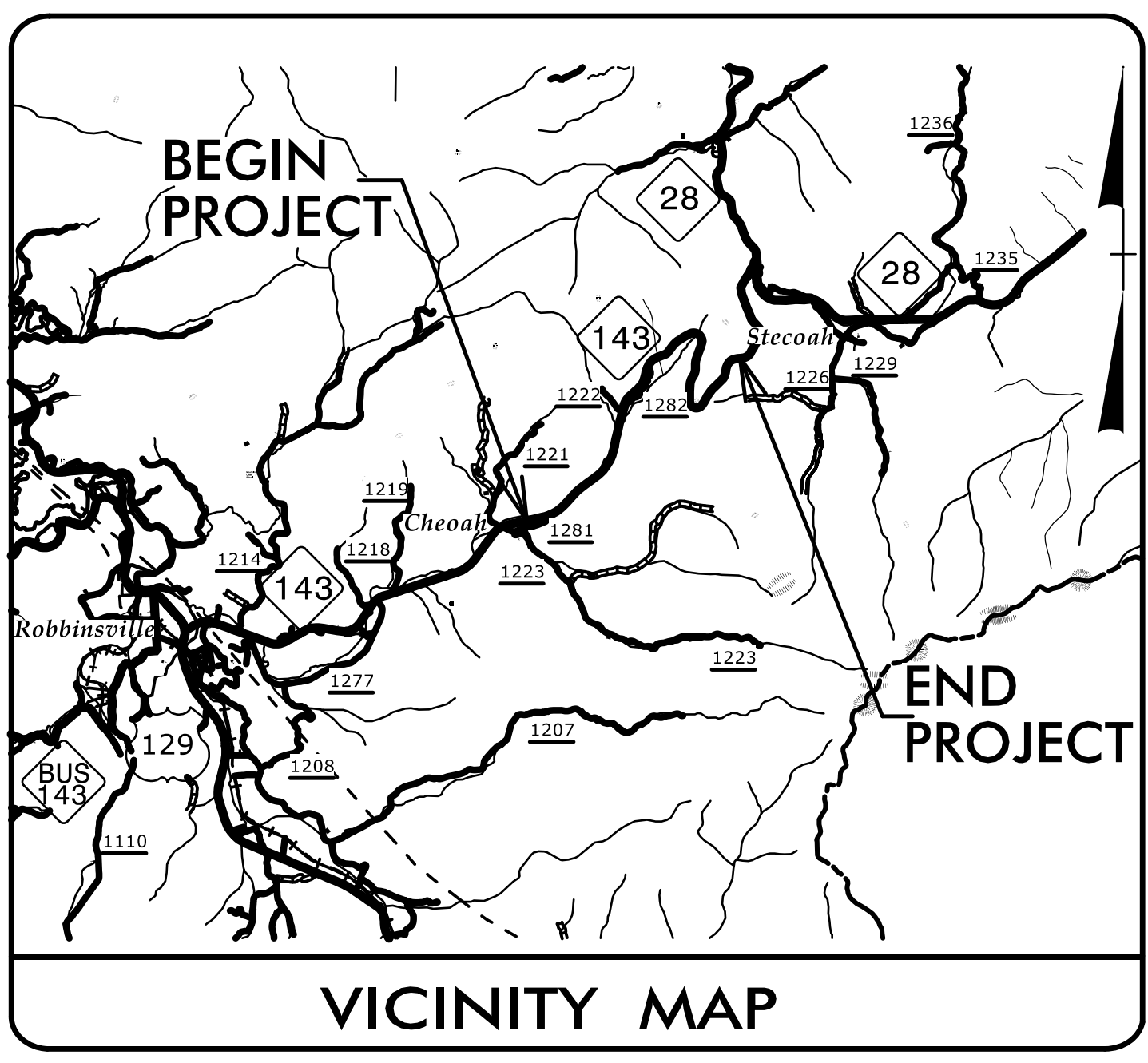
GRAHAM COUNTY

**LOCATION: NC 143 FROM SR 1223 (BEECH CREEK RD) TO
0.5 MILES NORTH OF APPALACHIAN TRAIL**

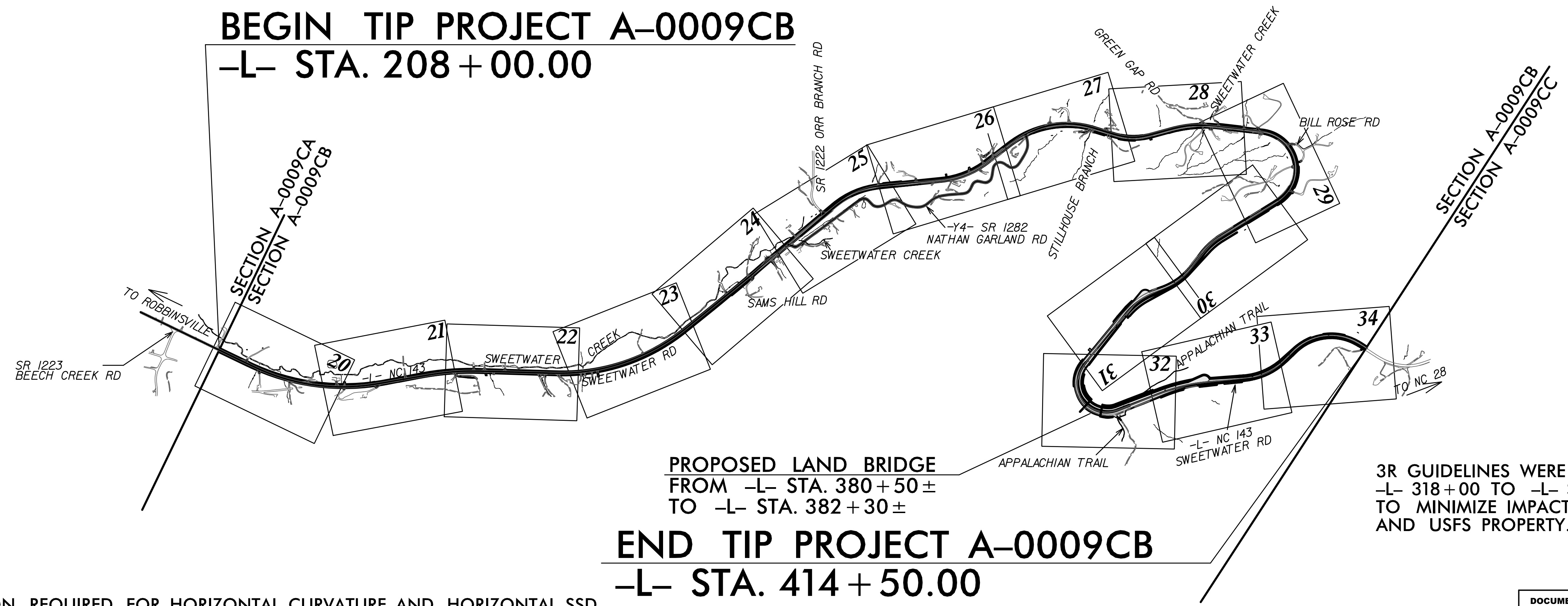
**TYPE OF WORK: GRADING, PAVING, DRAINAGE, RETAINING WALLS,
STRUCTURE, AND CULVERTS**

| STATE | STATE PROJECT REFERENCE NO. | SHEET NO. | TOTAL SHEETS |
|-----------------|-----------------------------|-------------|--------------|
| N.C. | A-0009CB | 1 | |
| STATE PROJ. NO. | F.A. PROJ. NO. | DESCRIPTION | |
| 32572.1.FS10 | APD-0074(178) | PE | |
| 32572.2.14 | 0143010 | ROW | |
| 32572.2.19 | UNASSIGNED | UTIL. | |
| 32572.3.14 | 0129008 | CONST. | |

TIP PROJECT: A-0009CB



**BEGIN TIP PROJECT A-0009CB
-L- STA. 208 + 00.00**



**PROPOSED LAND BRIDGE
FROM -L- STA. 380 + 50 ±
TO -L- STA. 382 + 30 ±**

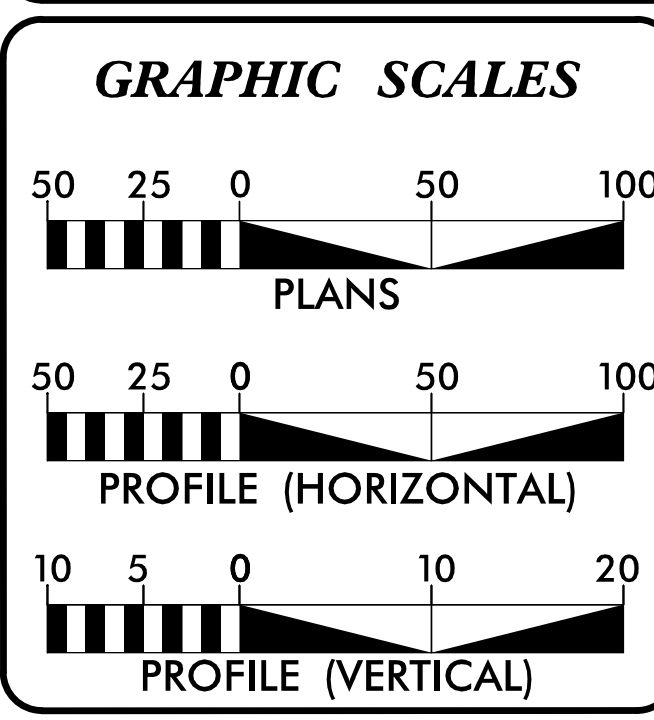
**END TIP PROJECT A-0009CB
-L- STA. 414 + 50.00**

3R GUIDELINES WERE USED FROM
-L- 318+00 TO -L- STA 414+50
TO MINIMIZE IMPACTS TO TRIBAL
AND USFS PROPERTY.

DESIGN EXCEPTION REQUIRED FOR HORIZONTAL CURVATURE AND HORIZONTAL SSD.
THIS IS A PARTIAL CONTROLLED ACCESS PROJECT WITH ACCESS BEING LIMITED TO POINTS SHOWN ON THE PLANS.

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

CONTRACT: C204739



DESIGN DATA

| | |
|---------------|----------------|
| ADT 2022 = | 6590 |
| ADT 2045 = | 8800 |
| K = | 11 % |
| D = | 57.5 % |
| T = | 7 % * |
| V = | 60 MPH |
| * TTST = | 2% DUAL = 5% |
| FUNC CLASS = | RURAL ARTERIAL |
| REGIONAL TIER | |

PROJECT LENGTH

| | |
|---------------------------------------|-------------|
| LENGTH ROADWAY TIP PROJECT A-0009CB = | 3.911 MILES |
| TOTAL LENGTH TIP PROJECT A-0009CB = | 3.911 MILES |

NC DOT CONTACT: WANDA H. AUSTIN, PE

| | |
|--|--|
| PLANS PREPARED BY: TGS ENGINEERS 201 W MARION ST SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO. C-0275 | PLANS PREPARED FOR: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION 14 252 Webster Rd Sylva, NC 28779 |
| RIGHT OF WAY DATE: JULY 22, 2021 | JIMMY L. TERRY, PE PROJECT ENGINEER |
| LETTING DATE: SEPTEMBER 20, 2022 | AUSTIN TURNER, PE PROJECT DESIGN ENGINEER |

2018 STANDARD SPECIFICATIONS

HYDRAULICS ENGINEER
7/27/2022

DocuSigned by:
David B. Petty
SIGNATURE: P.E.

ROADWAY DESIGN ENGINEER
7/27/2022

DocuSigned by:
Jimmy Terry
SIGNATURE: P.E.



7/13/2022
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User:smelvin