09/08/99

TIP PROJECT: A-0009CA

CONTRACT: C204731

CULVERTS

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

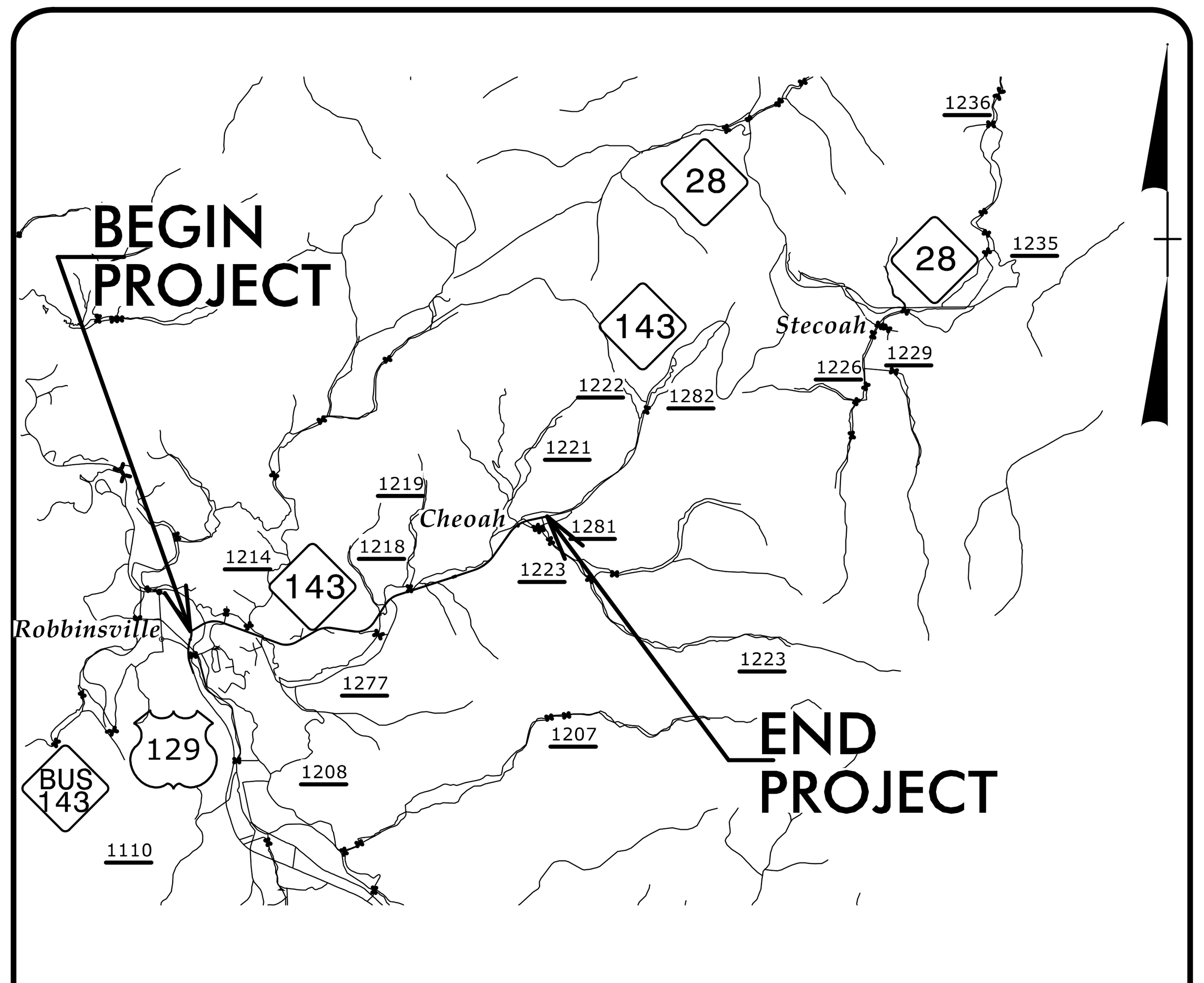
GRAHAM COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	A-0009CA		

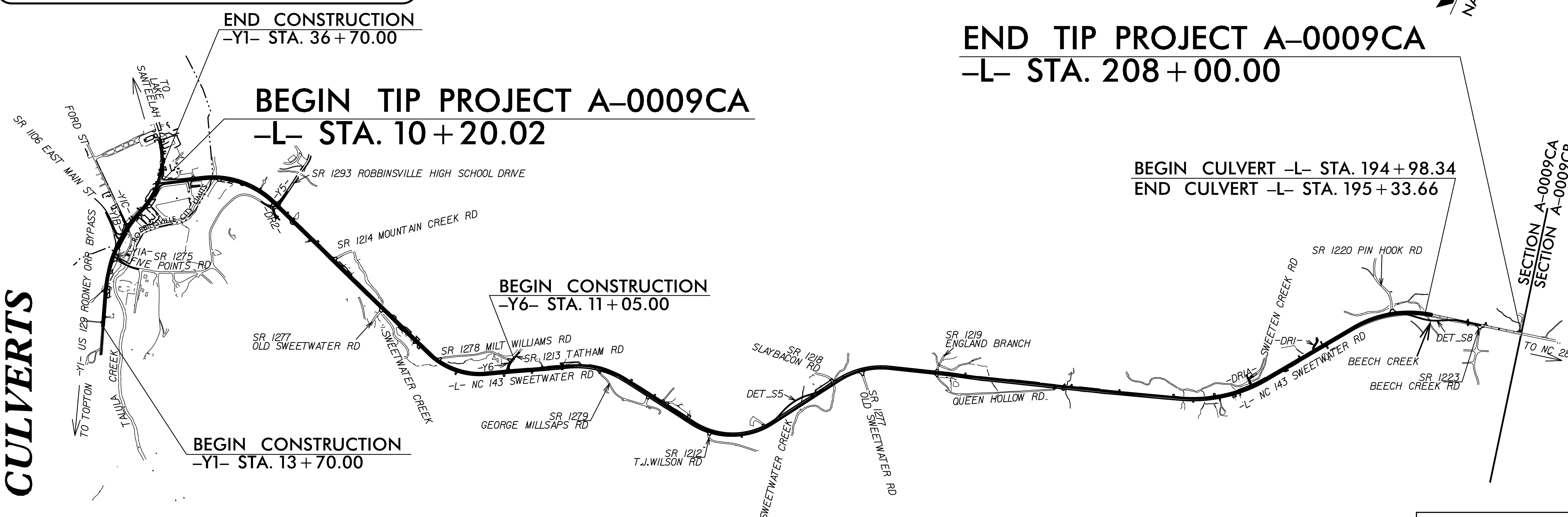
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
32572.1.FS10	APD-0074(178)	PE
32572.2.13	0143012	ROW
32572.2.16	UNASSIGNED	UTIL.
32572.3.13	0129007	CONST.

LOCATION: UPGRADE US 129 FROM SOUTH OF SR 1275 (FIVE POINTS ROAD) TO NC 143 AND UPGRADE NC 143 FROM US 129 TO SR 1223 (BEECH CREEK ROAD)

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



VICINITY MAP



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DESIGN DATA

ADT 2019 = 6300
ADT 2045 = 8800
K = 11 %
D = 57.5 %
T = 7 % *
V = 50MPH - BEGIN PROJECT TO FIVE POINTS RD
60MPH - FIVE POINTS RD TO END OF PROJECT
* TTST = 2% DUAL = 5%
FUNC CLASS = RURAL ARTERIAL REGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT A-0009CA	=	3.720 MILES
LENGTH STRUCTURE TIP PROJECT A-0009CA	=	0.007 MILES
TOTAL LENGTH TIP PROJECT A-0009CA	=	3.727 MILES

NCDOT CONTACT: WANDA H. AUSTIN, PE

PLANS PREPARED BY:	*PLANS PREPARED FOR:*
TGS ENGINEERS 201 W. MARION ST SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	NORTH CAROLINA DEPARTMENT OF TRANSPORATION DIVISION 14 252 Webster Rd Sylva, NC 28779

LETTING DATE:
AUGUST 16, 2022

MARC CHEEK, PE
STRUCTURES DESIGN ENGINEER

2018 STANDARD SPECIFICATIONS

STRUCTURES DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 20125 ENGINEER MARSHALL G. CHEEK, JR.

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STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

7/14/2022
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User:ZSmith