

TIP PROJECT: B-4407

CONTRACT: C204469

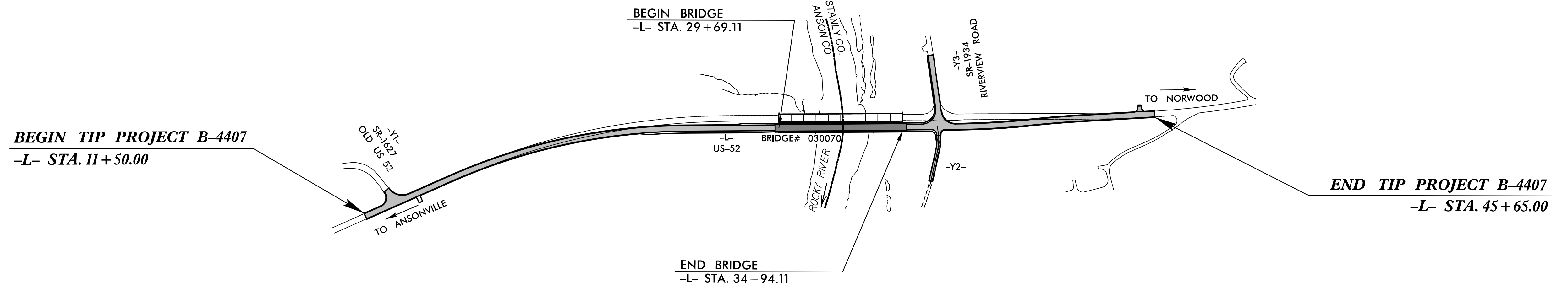
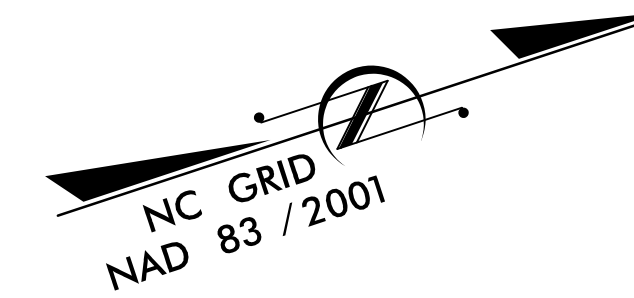
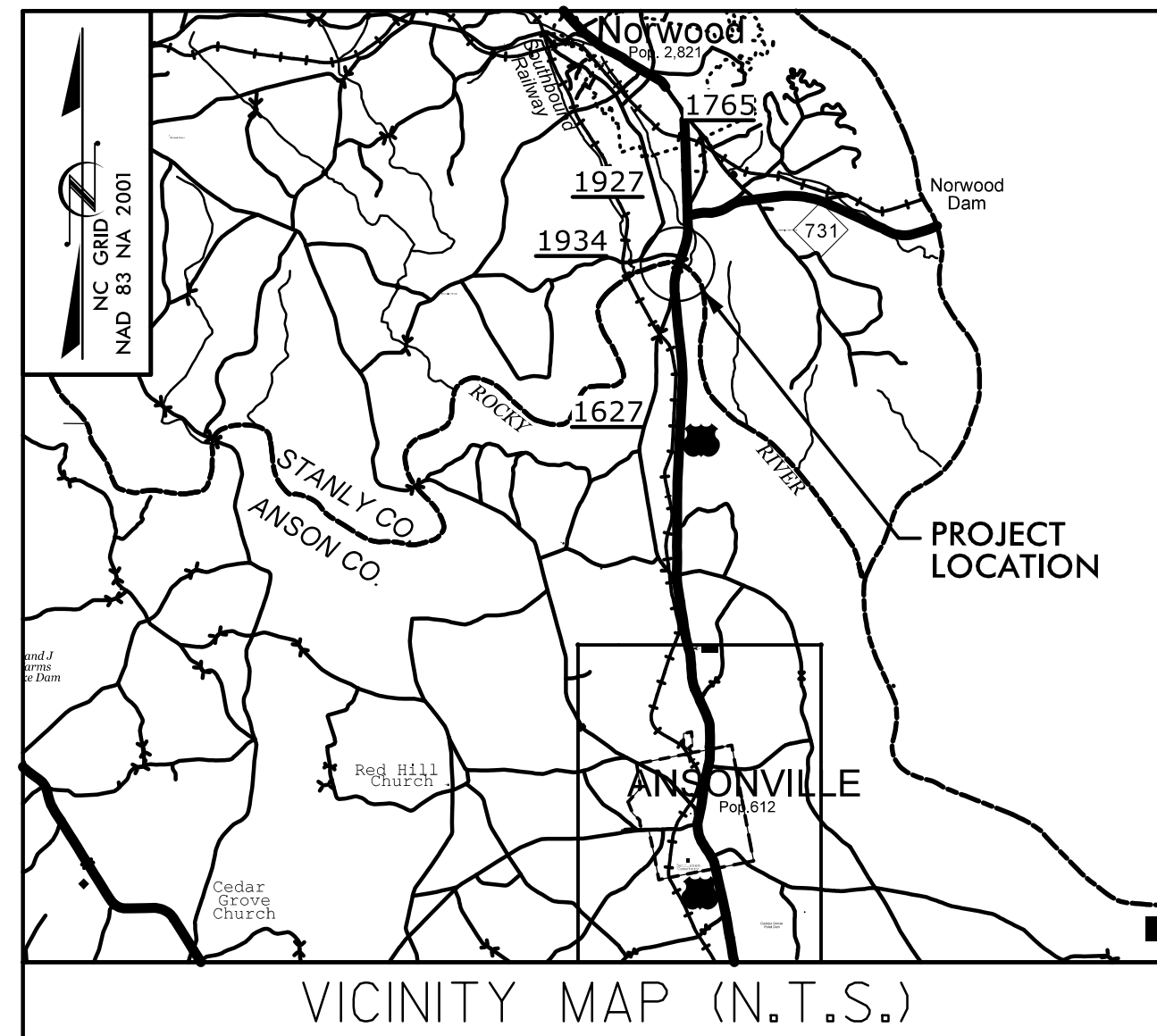
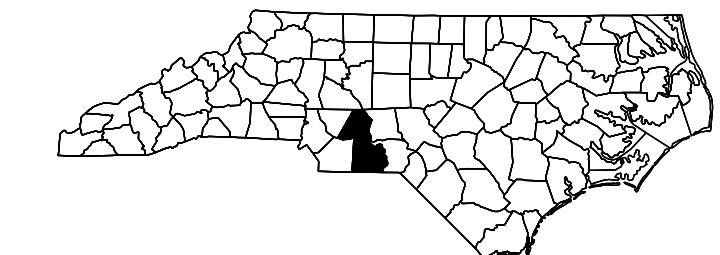
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

ANSON / STANLY COUNTIES

**LOCATION: REPLACE BRIDGE 70 OVER
ROCKY RIVER ON US-52**

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

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-4407		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
38356.1.2	NA	PE	
38356.2.2	NA	RW & UTILITIES	
38356.3.2	NA	CONST.	



STRUCTURE

V&M
Vaughn & Melton
Consulting Engineers

Asheville, NC
North Carolina
828-253-2798

Raleigh, NC 919-977-9455
Charlotte, NC 704-357-0488

Boone, NC 828-355-9933
Tri-Cities, TN 423-467-8401
Knoxville, TN 865-546-1800
Spartanburg, SC 864-574-4775
Charleston, SC 843-374-5650
Middleboro, KY 606-248-6600
Atlanta, GA 770-627-3590

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DESIGN DATA

ADT 2020	=	4100
ADT 2040	=	4900
D	=	60%
K	=	9%
T	=	22%
V	=	60 MPH
*TTST	=	8% DUAL = 14%
FUNCT. CLASS	=	PRINCIPAL ARTERIAL REGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-4407	=	0.548 MI
LENGTH STRUCTURE TIP PROJECT B-4407	=	0.099 MI
TOTAL LENGTH OF TIP PROJECT B-4407	=	0.647 MI

Prepared in the Office of:
VAUGHN & MELTON
3509 HAWORTH DR. SUITE 100
RALEIGH, NC 27609
FOR THE NORTH CAROLINA DIVISION OF HIGHWAYS

2018 STANDARD SPECIFICATIONS

LETTING DATE:
MAY 18, 2021

HARDY WILLIS, PE
PROJECT ENGINEER

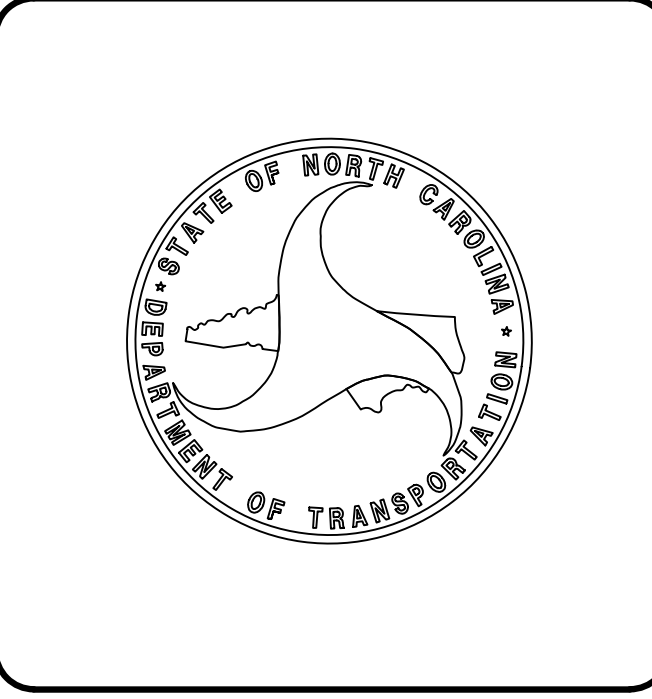
PATRICK GALLAGHER, PE
PROJECT DESIGN ENGINEER

DAVID STUTTS, PE
NCDOT CONTACT

Professional Engineer Seal for Patrick R. Gallagher, No. 042890, State of North Carolina, expires 12/31/2021.

3/18/2021

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



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