

9/30/2021 User:sdwlllms \$\$\$\$\$\$\$\$DCN\$\$\$\$\$\$\$\$\$\$\$

CONTRACT: C204355 TIP PROJECT: R-2566BA

09/08/21

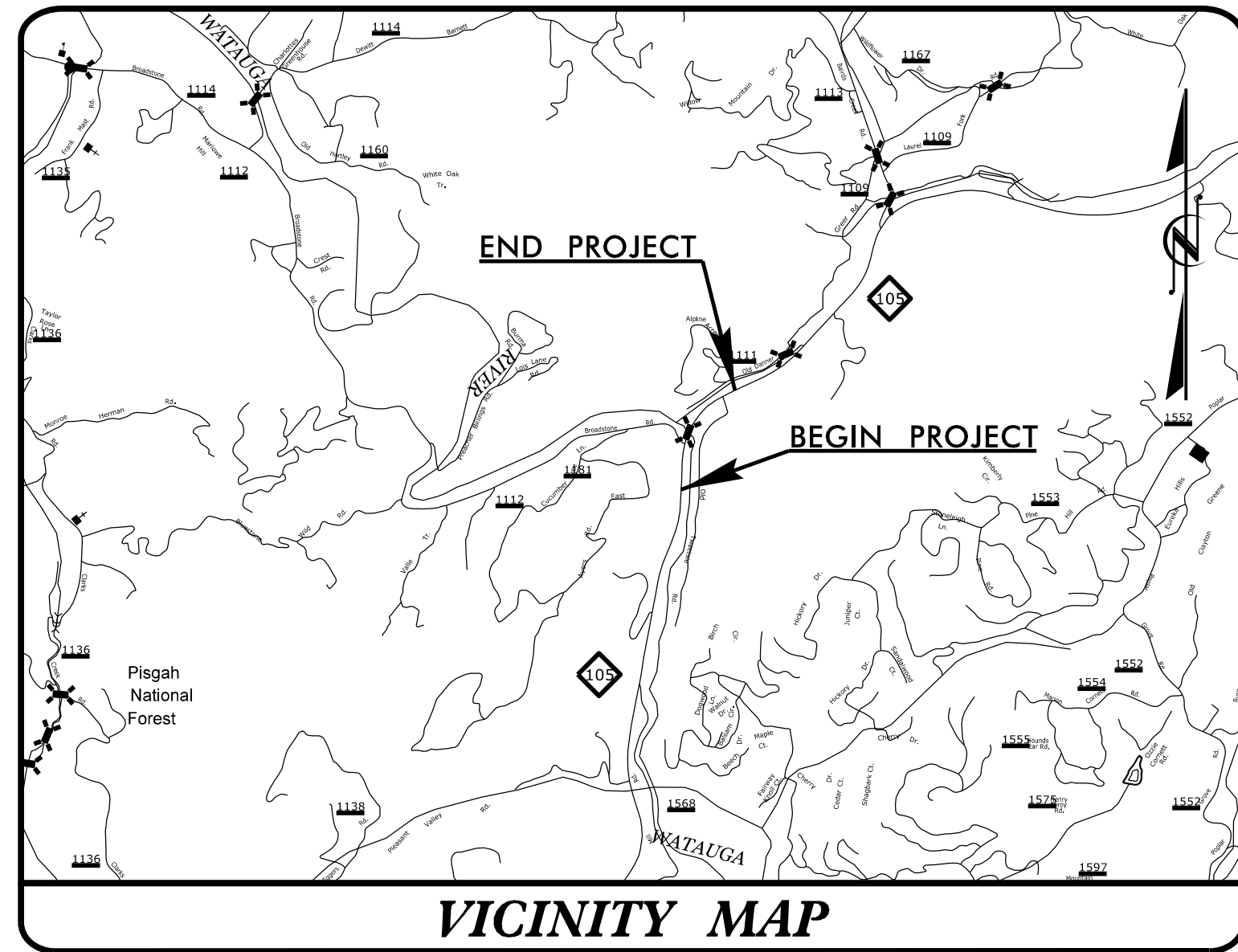
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

WATAUGA COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2566BA		
STATE PROJ. NO.	P.A. PROJ. NO.	DESCRIPTION	
37512.1.4	NHP-0105(005)	PE	
37512.2.3		UTL., ROW	
37512.3.3		CONSTR.	

LOCATION: NC 105 - BRIDGE NO. 5 OVER WATAUGA RIVER AND LEFT-TURN LANE AT SR 1112 (BROADSTONE RD.) WITHIN THE LIMITS OF R-2566B

TYPE OF WORK: DRAINAGE, GRADING, PAVING, SIGNAL & STRUCTURE

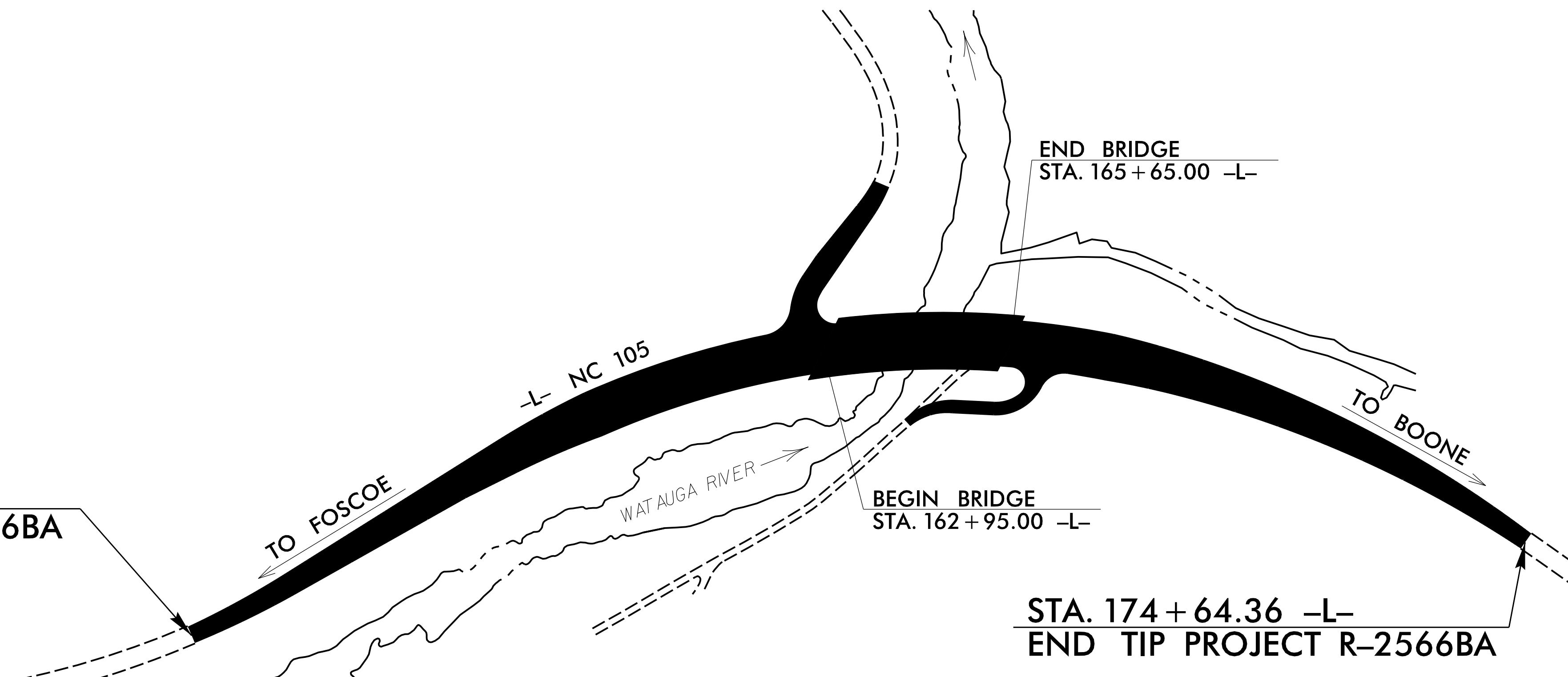


VICINITY MAP



STRUCTURE

STA. 151+99.39 -L-
BEGIN TIP PROJECT R-2566BA

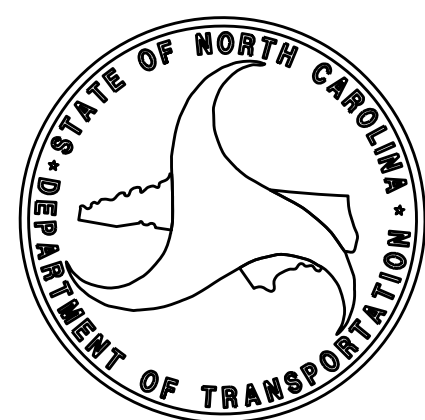


END BRIDGE
STA. 165+65.00 -L-

BEGIN BRIDGE
STA. 162+95.00 -L-

STA. 174+64.36 -L-
END TIP PROJECT R-2566BA

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



DESIGN DATA

ADT 2019 =	15,000
ADT 2040 =	21,400
K =	7 %
D =	65 %
T =	6 % *
V =	60 MPH
* TTST = 2% DUAL = 4%	

FUNC CLASS = ARTERIAL

STATEWIDE TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT R-2566BA	=	0.378 mile
LENGTH STRUCTURES TIP PROJECT R-2566BA	=	0.051 mile
TOTAL LENGTH TIP PROJECT R-2566BA	=	0.429 mile

PLANS PREPARED BY:

TGS ENGINEERS
706 HILLSBOROUGH ST
SUITE 200
RALEIGH, NC 27603

PLANS PREPARED FOR:

NCDOT DIVISION II

LETTING DATE:
NOVEMBER 16, 2021

MARC CHEEK, PE
STRUCTURES DESIGN ENGINEER

2018 STANDARD SPECIFICATIONS

STRUCTURES DESIGN
ENGINEER

NORTH CAROLINA
PROFESSIONAL
ENGINEER
SEAL
20125

MARSHALL G. CHEEK, JR.
P.E.
SBBC0234MD0413

SIGNATURE 9/30/2021 | 1:43 PM EDT

