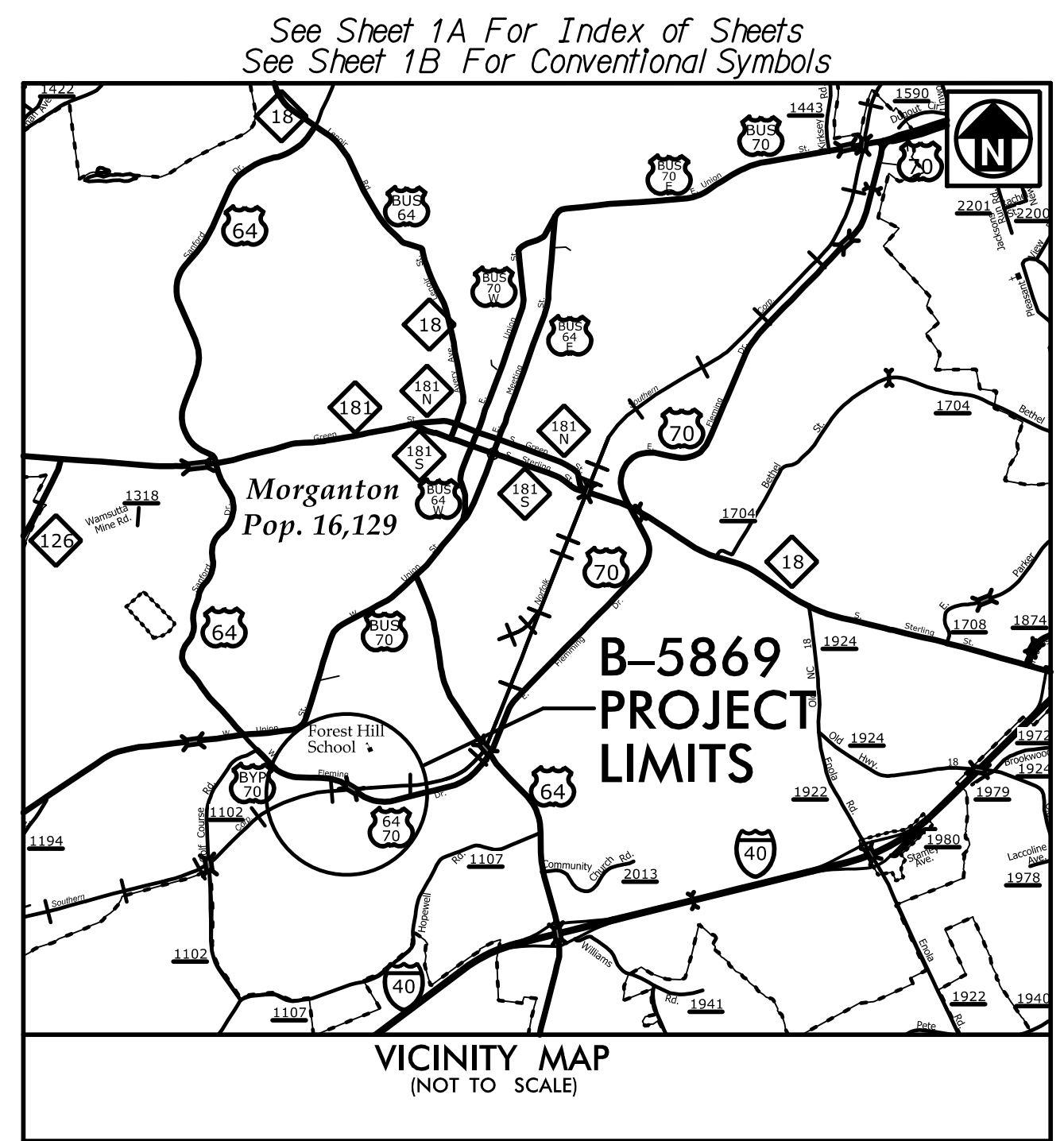


09, 08, 2019

PROJECT: B-5869

CONTRACT: C204716



STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

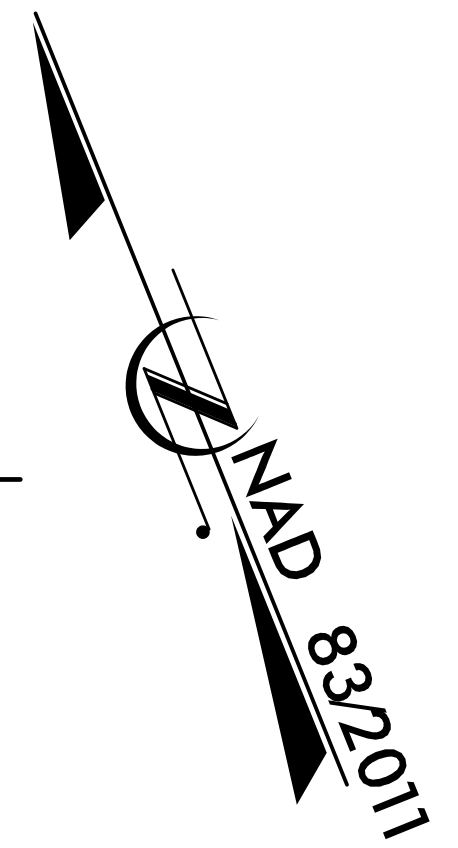
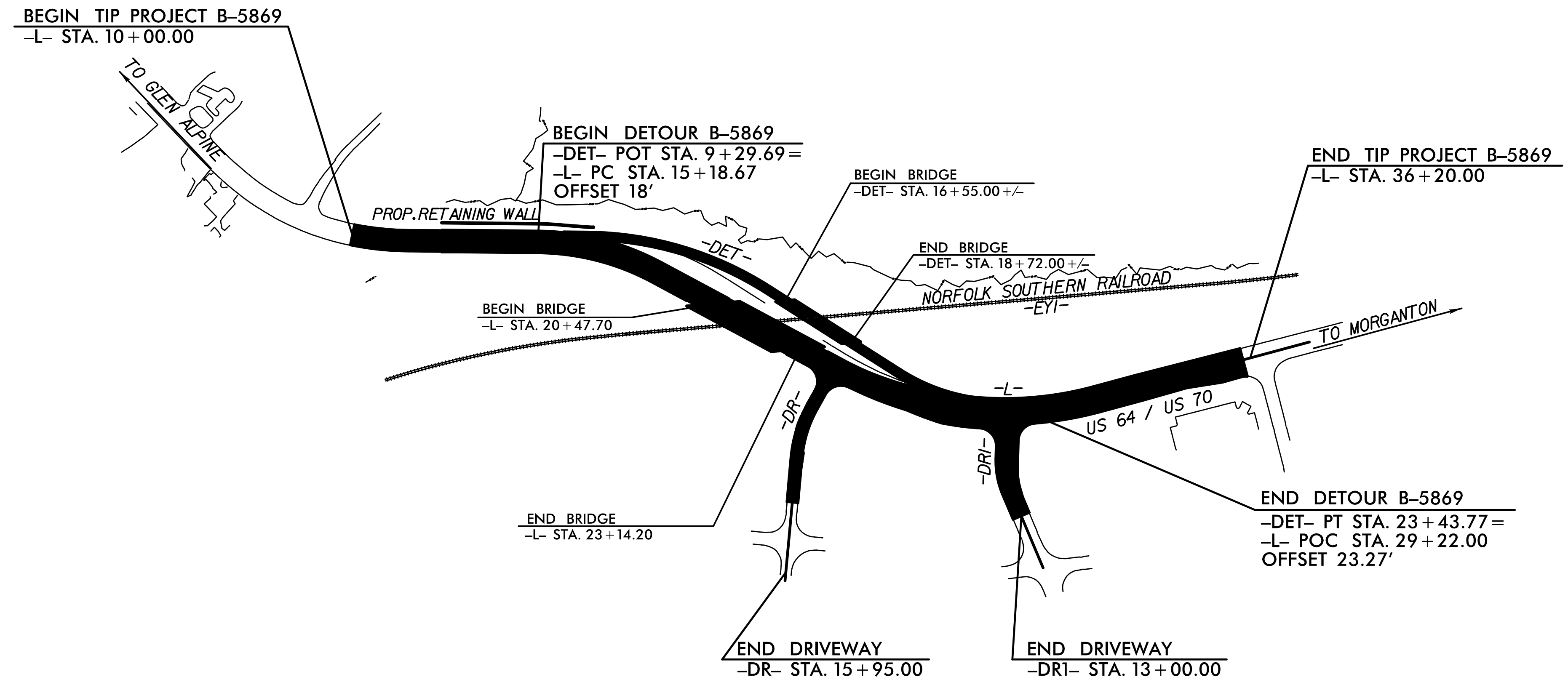
# BURKE COUNTY

LOCATION: BRIDGE NO. 99 ON US 64/US 70 (FLEMING DRIVE)  
OVER NORFOLK SOUTHERN RAILROAD IN MORGANTON

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

## STRUCTURE PLANS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5869	1	70
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
48063.1.FR1	NHPP-0064(180)	PE	
48063.2.1	NHPP-0064(180)	RW	
48063.2.2	NHPP-0064(180)	UTILITIES	
48063.3.1	NHPP-0064(180)	CONST	

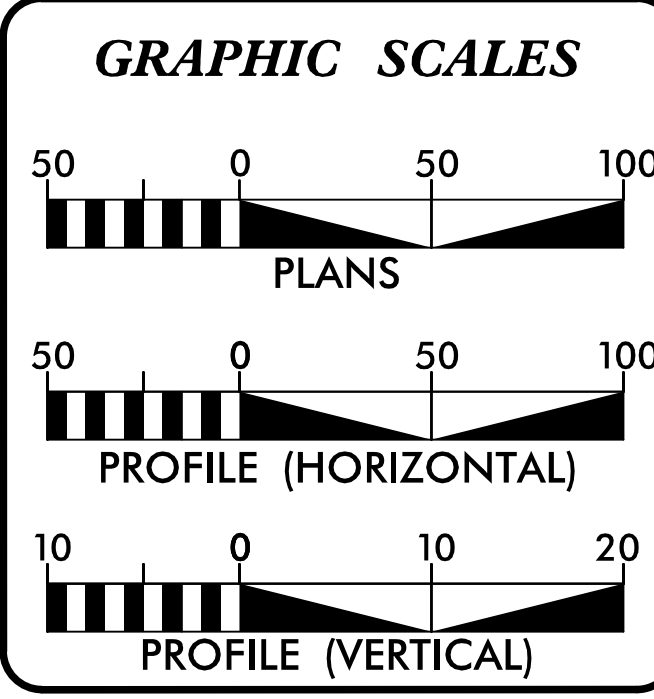


PLANS PREPARED BY:

**WGI**

5640 Dillard Drive  
Suite 200  
Cary, NC 27518  
(919) 852-0468  
(919) 852-0598 (Fax)  
www.wgino.com

LICENSE NO. C-4434



**DESIGN DATA**

ADT 2021 = 20,620  
ADT 2040 = 23,200

K = 9 %  
D = 55 %  
T = 5 %\*  
V = 50 MPH

\* TTST = 2% DUAL 3%

URBAN ARTERIAL  
REGIONAL TIER

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT B-5869 = 0.446 MILES

LENGTH STRUCTURE TIP PROJECT B-5869 = 0.050 MILES

TOTAL LENGTH TIP PROJECT B-5869 = 0.496 MILES

PLANS PREPARED FOR NCDOT BY:

**M M**  
MOTT  
MACDONALD  
2018 STANDARD SPECIFICATIONS

7621 Purfoy Rd., Suite 115  
Fuquay-Varina, NC 27526  
(919) 552-2253  
(919) 552-2254 (Fax)  
www.mottmac.com/americas  
LICENSE NO. F-0669

**SUNGATE DESIGN GROUP, P.A.**  
905 JONES FRANKLIN ROAD  
RALEIGH, NORTH CAROLINA 27608  
TEL (919) 855-2249  
ENG FIRM LICENSE NO. C-890

**MICHAEL PEKAREK, PE**  
PROJECT ENGINEER

**JOSH DALTON, PE**  
HYDRAULIC ENGINEER

**DAVID STUTTS, PE**  
NCDOT BRIDGE PROGRAM MANAGER

RIGHT OF WAY DATE:  
May 13, 2021

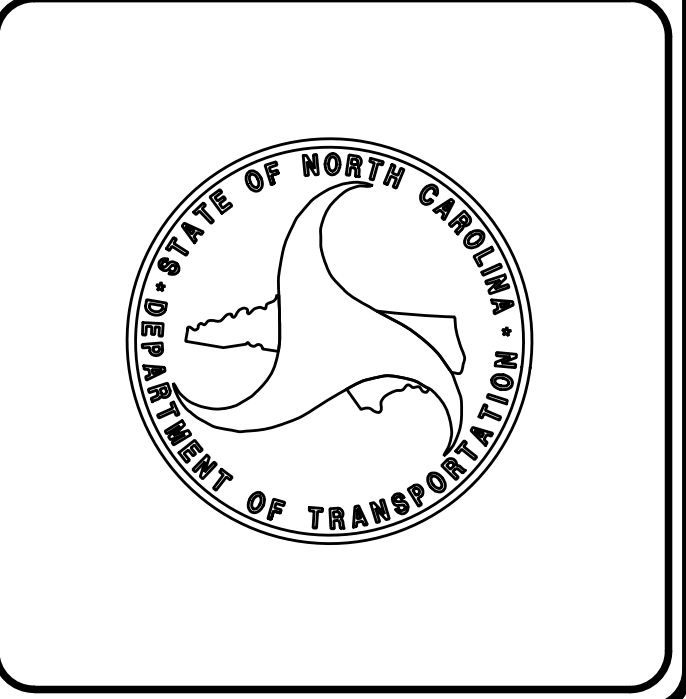
LETTING DATE:  
May 16, 2023

**ENGINEER**

STATE OF NORTH CAROLINA  
SEAL  
023908  
MARK A. AVERETT  
ENGINEER

4/5/2023 | 8:53 AM PDT

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED



\$\$\$\$\$ SYSTEM \$\$\$\$\$\$  
\$\$\$\$\$ DGN \$\$\$\$\$\$  
\$\$\$\$\$ USERNAME \$\$\$\$\$\$