

09/28/21

See Sheet 1A For Index of Sheets
See Sheet 1B For Conventional Symbols

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

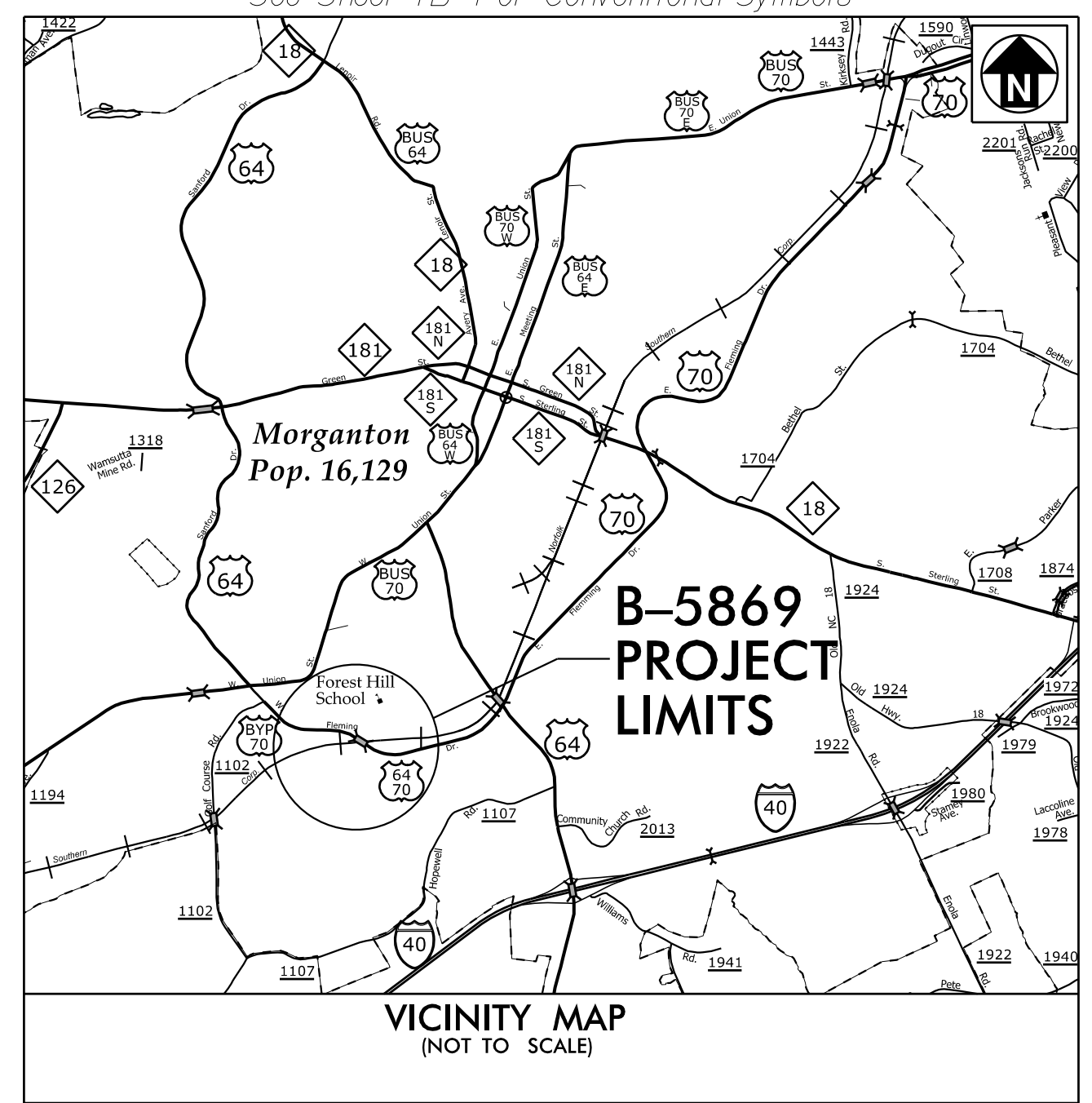
BURKE COUNTY

**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, AND STRUCTURE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5869	1	
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	

PROJECT: B-5869



CONTRACT: C204716

BEGIN TIP PROJECT B-5869
-L- STA. 10+00.00

4 & 2B-1

BEGIN DETOUR B-5869
-DET- POT STA. 9+29.69 =
-L- PC STA. 15+18.67
OFFSET 18'

BEGIN BRIDGE
-DET- STA. 16+55.00 +/-

END TIP PROJECT B-5869
-L- STA. 36+20.00

BEGIN BRIDGE
-L- STA. 20+47.70

END BRIDGE
-DET- STA. 18+72.00 +/-

5 & 2B-2

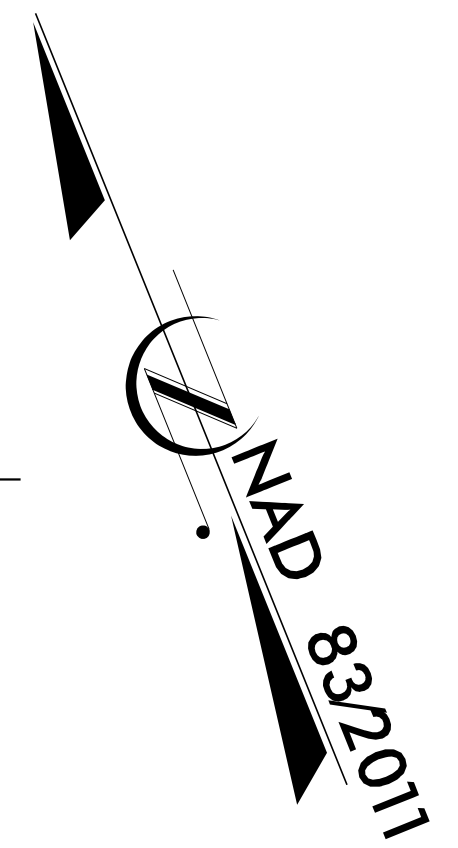
END BRIDGE
-L- STA. 23+14.20

END DETOUR B-5869
-DET- PT STA. 23+43.77 =
-L- POC STA. 29+22.00
OFFSET 23.27'

END DRIVEWAY
-DR- STA. 15+95.00

END DRIVEWAY
-DRI- STA. 13+00.00

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

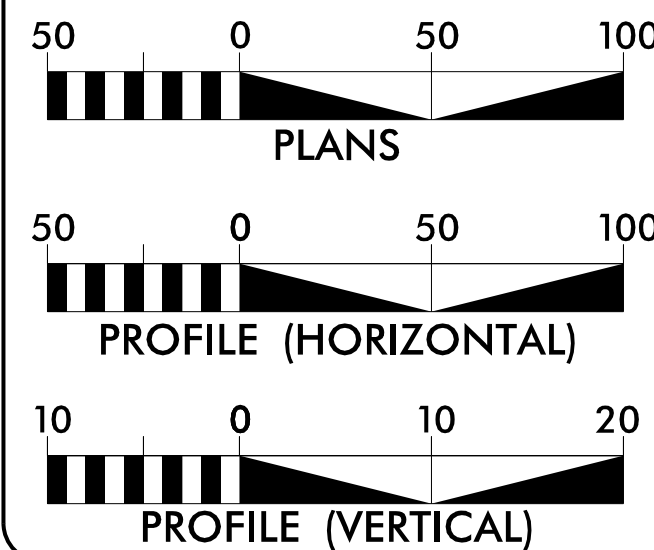


PLANS PREPARED BY:



5640 Dillard Drive
Suite 200
Cary, NC 27518
(919) 852-0468
(919) 852-0598 (Fax)
www.wginc.com
LICENSE NO. C-4434

GRAPHIC SCALES



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.

MICHAEL PEKAREK, PE
PROJECT ENGINEER

JOSH DALTON, PE
HYDRAULIC ENGINEER

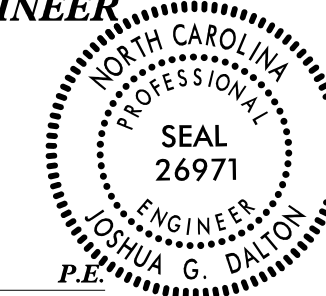
RIGHT OF WAY DATE:
May 13, 2021

LETTING DATE:
May 16, 2023

HYDRAULICS ENGINEER

DocuSigned by:
Josh Dalton
1089AD0C14994C3

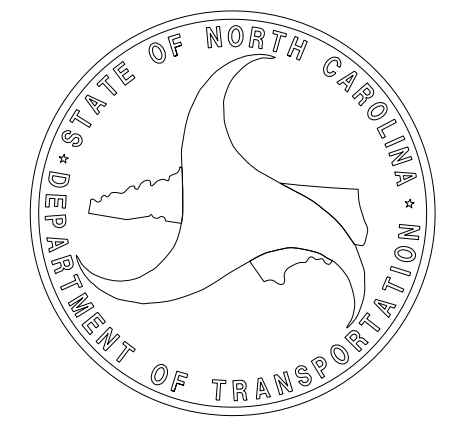
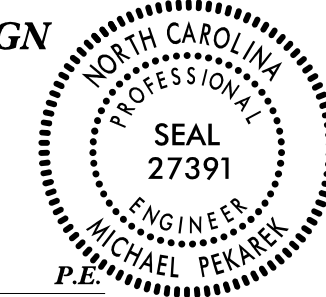
SIGNATURE:



ROADWAY DESIGN ENGINEER

DocuSigned by:
Michael Pekarek
33F960AFEDA4FF

SIGNATURE:



I:\53400 PM
REN\Roadway\Proj\B5869_rdy_tsh.dgn
PEK56854