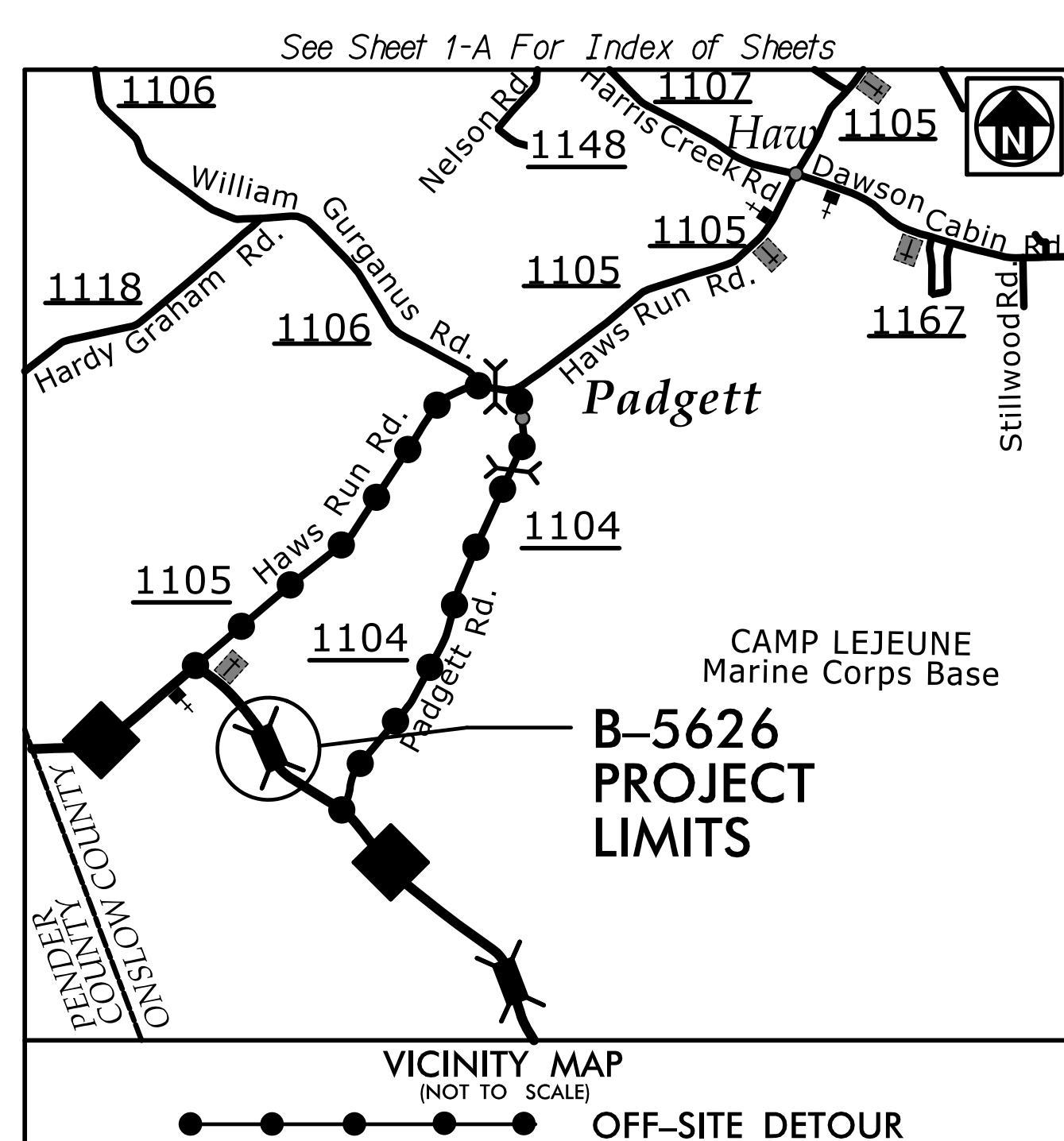


PROJECT: B-5626
 CONTRACT: C204476
 SYSTEMS
 DGN
 USERNAME



STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

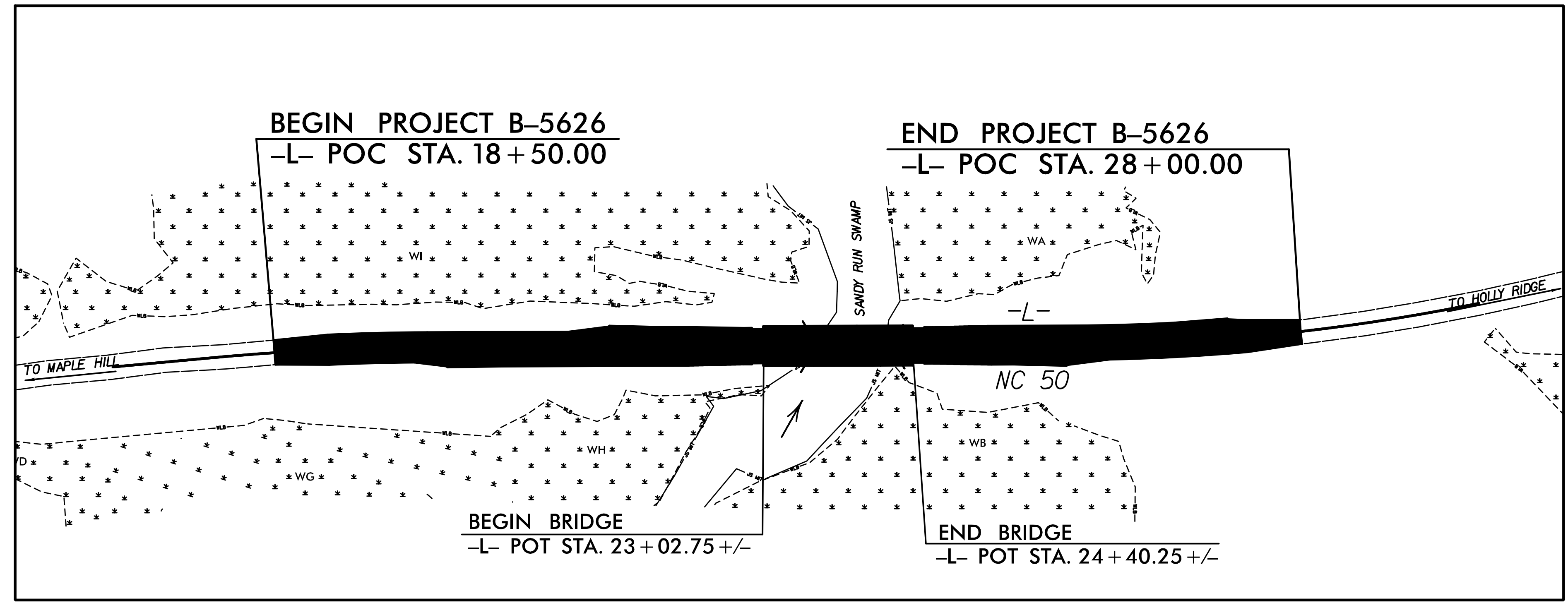
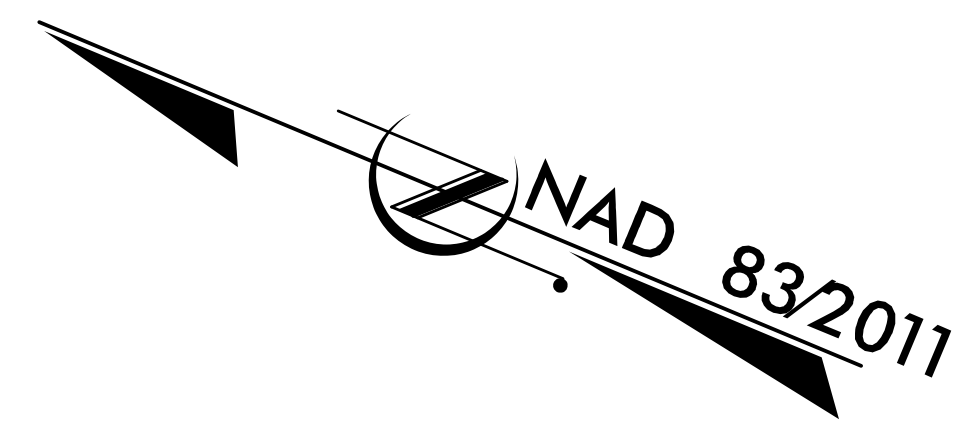
ONSLOW COUNTY

LOCATION: BRIDGE NO. 31 OVER SANDY RUN SWAMP
 ON NC 50

TYPE OF WORK: GRADING, PAVING, DRAINAGE AND STRUCTURE

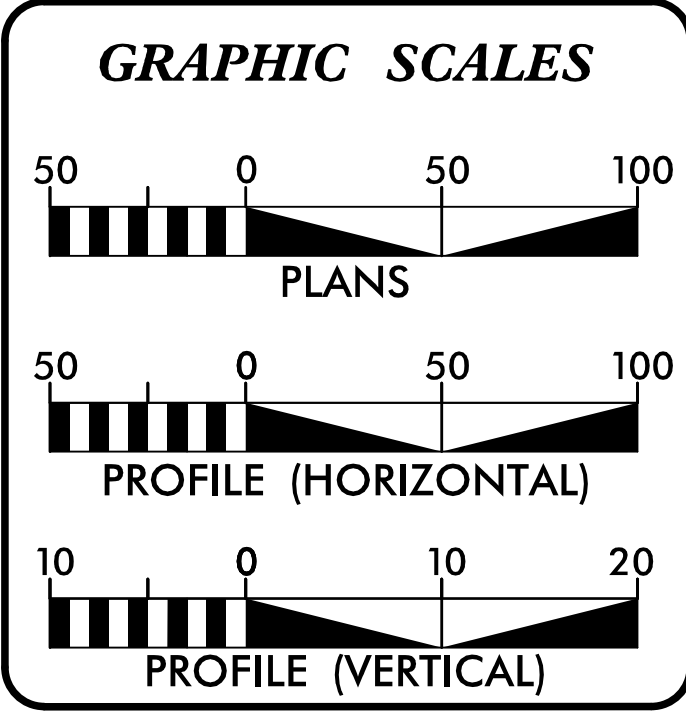
STRUCTURE PLANS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5626	1	26
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
45581.1.1		P.E.	
45581.2.1		RW, UTL	
45581.3.1		CONST.	



CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY MODIFIED METHOD III.
 THIS PROJECT IS NOT WITHIN ANY MUNICIPAL BOUNDARIES.

PLANS PREPARED BY:
 SIMPSON ENGINEERS & ASSOCIATES
 5640 Dilard Drive
 Suite 200
 Cary, NC 27518
 (919) 852-0468
 (919) 852-0598 (Fax)
 www.simpsonengr.com
 LICENSE NO. C-2521



DESIGN DATA

ADT 2020	1217
ADT 2040 =	1800
K =	9 %
D =	55 %
T =	6 %*
V =	60 MPH
* TTST = 2% DUAL 4%	
SUB REGIONAL TIER MAJOR COLLECTOR	

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT	=	0.154 MILES
LENGTH STRUCTURE TIP PROJECT	=	0.026 MILES
TOTAL LENGTH TIP PROJECT	=	0.180 MILES

PLANS PREPARED FOR NCDOT BY:

MOTT MACDONALD
 LICENSE NO. F-0669

SUNGATE DESIGN GROUP, P.A.
 905 JONES FRANKLIN ROAD
 RALEIGH, NORTH CAROLINA 27606
 TEL (919) 852-2943
 ENG FIRM LICENSE NO. C-880

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
 SEPTEMBER 23, 2019

LETTING DATE:
 MAY 18, 2021

Michael Pekarek, PE
 PROJECT ENGINEER

Joshua G. Dalton, PE
 HYDRAULIC ENGINEER

David Stutts, PE
 NCDOT BRIDGE PROGRAM MANAGER

ENGINEER

2/8/2021

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

