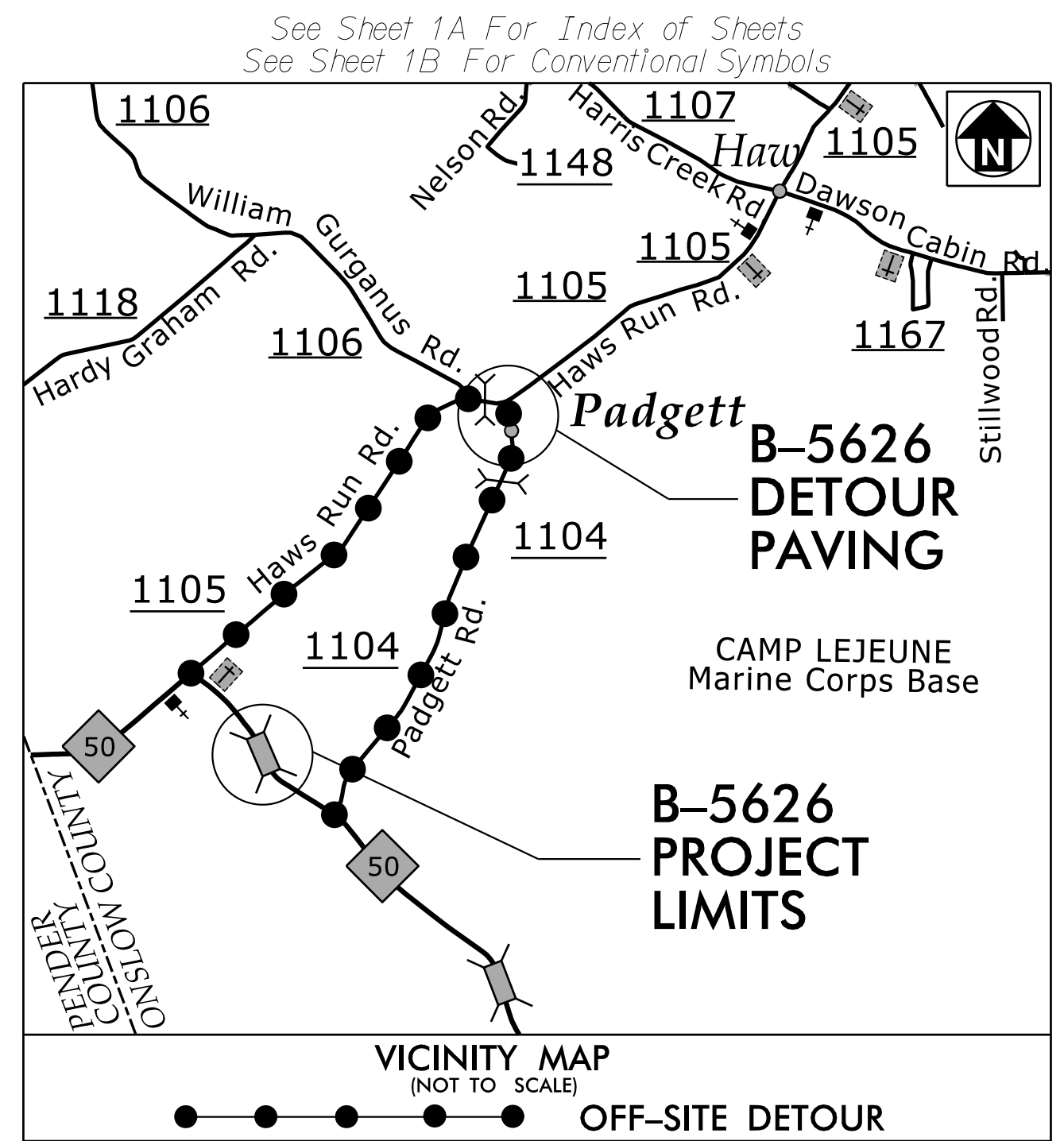


09/28/2019

08:57:33  
R:\Roadway\Proj\B5626\_rdy\_tsh.dgn  
R188418

**PROJECT: B-5626**

**CONTRACT: C204476**

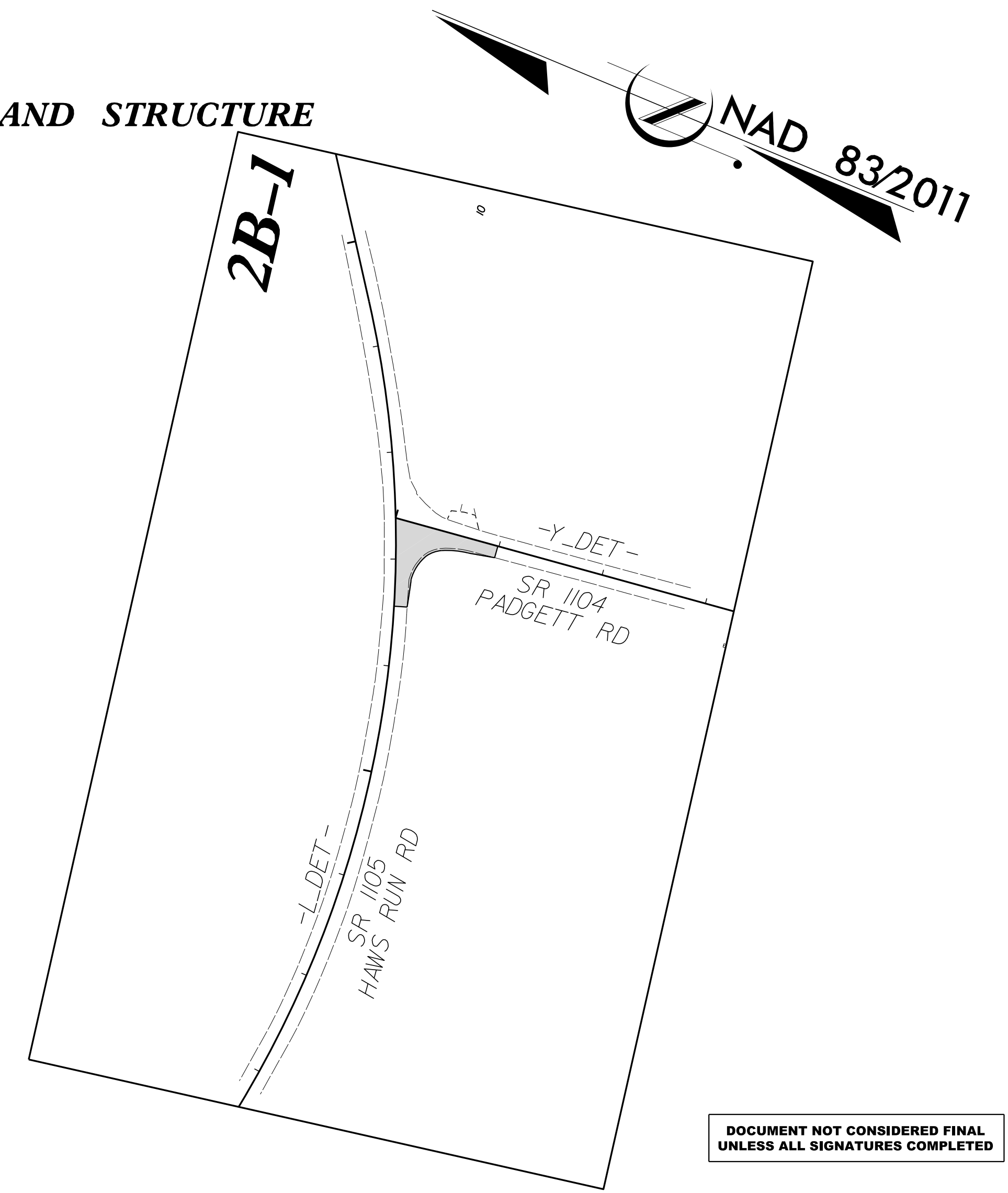
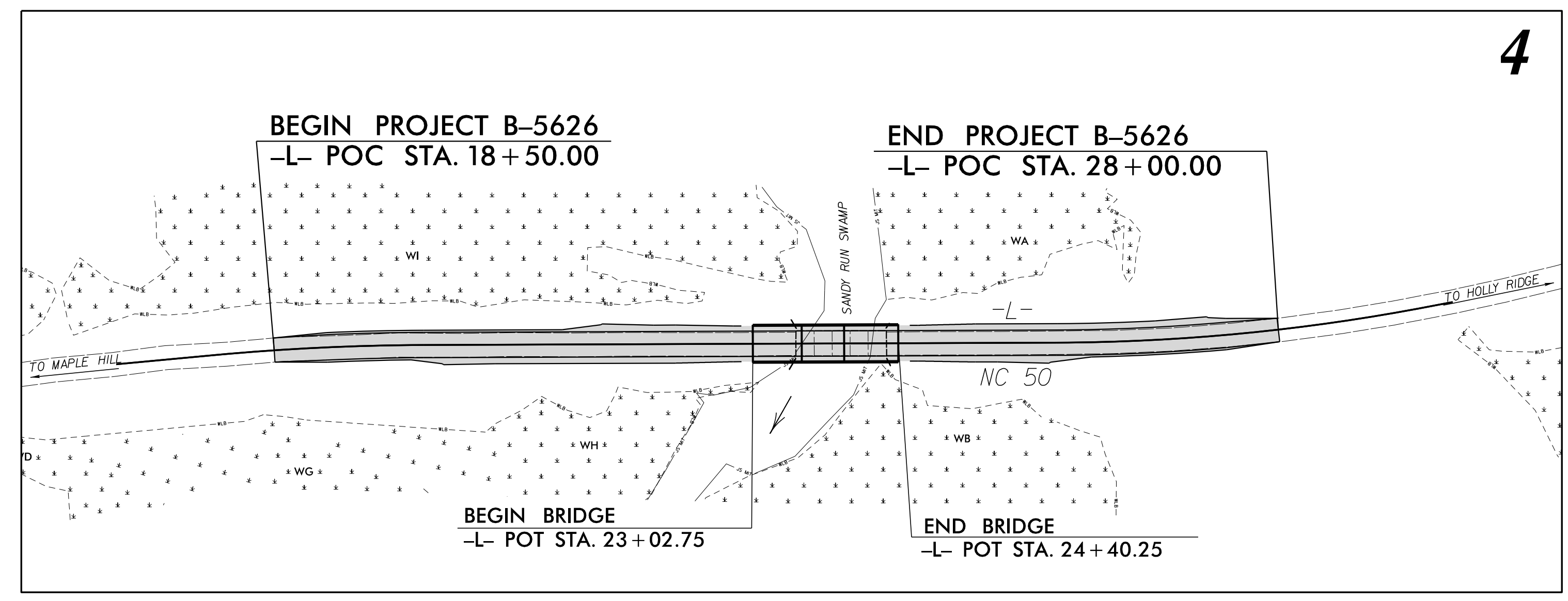


STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS  
**ONSLOW COUNTY**

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

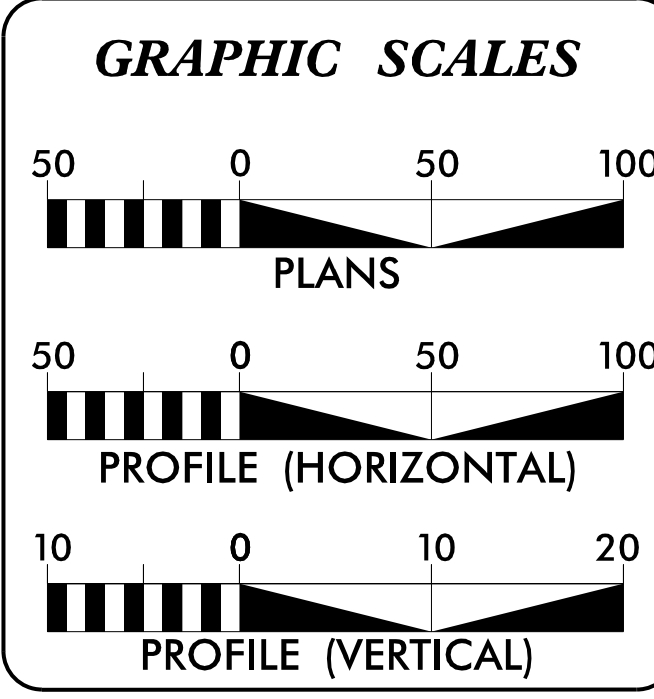
**TYPE OF WORK: GRADING, PAVING, DRAINAGE AND STRUCTURE**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	<b>B-5626</b>	<b>1</b>	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
45581.1.1		P.E.	
45581.2.1		R/W, UTL	
45581.3.1		CONST.	



DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

**PLANS PREPARED BY:**  
SIMPSON ENGINEERS & ASSOCIATES  
5640 Olliver 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 B-5626	=	0.154 MILES
LENGTH STRUCTURE TIP PROJECT B-5626	=	0.026 MILES
TOTAL LENGTH TIP PROJECT B-5626	=	0.180 MILES

PLANS PREPARED FOR NCDOT BY:  
**M M**  
MOTT  
MACDONALD  
2018 STANDARD SPECIFICATIONS  
**RIGHT OF WAY DATE:**  
SEPTEMBER 23, 2019  
**LETTING DATE:**  
MAY 18, 2021

SUNGATE DESIGN GROUP, P.A.  
905 JONES FRANKLIN ROAD  
RALEIGH, NORTH CAROLINA 27608  
TEL: (919) 855-2245  
ENG FIRM LICENSE NO. C-890

**Michael Pekarek, PE**  
PROJECT ENGINEER

**Joshua G. Dalton, PE**  
HYDRAULIC ENGINEER

**David Stutts, PE**  
NCDOT BRIDGE PROGRAM MANAGER

**HYDRAULICS ENGINEER**

DocuSigned by:  
Joshua G. Dalton  
3/30/2021 P.E.  
SIGNATURE:

**ROADWAY DESIGN ENGINEER**

DocuSigned by:  
Michael Pekarek  
3/30/2021 P.E.  
SIGNATURE:

