

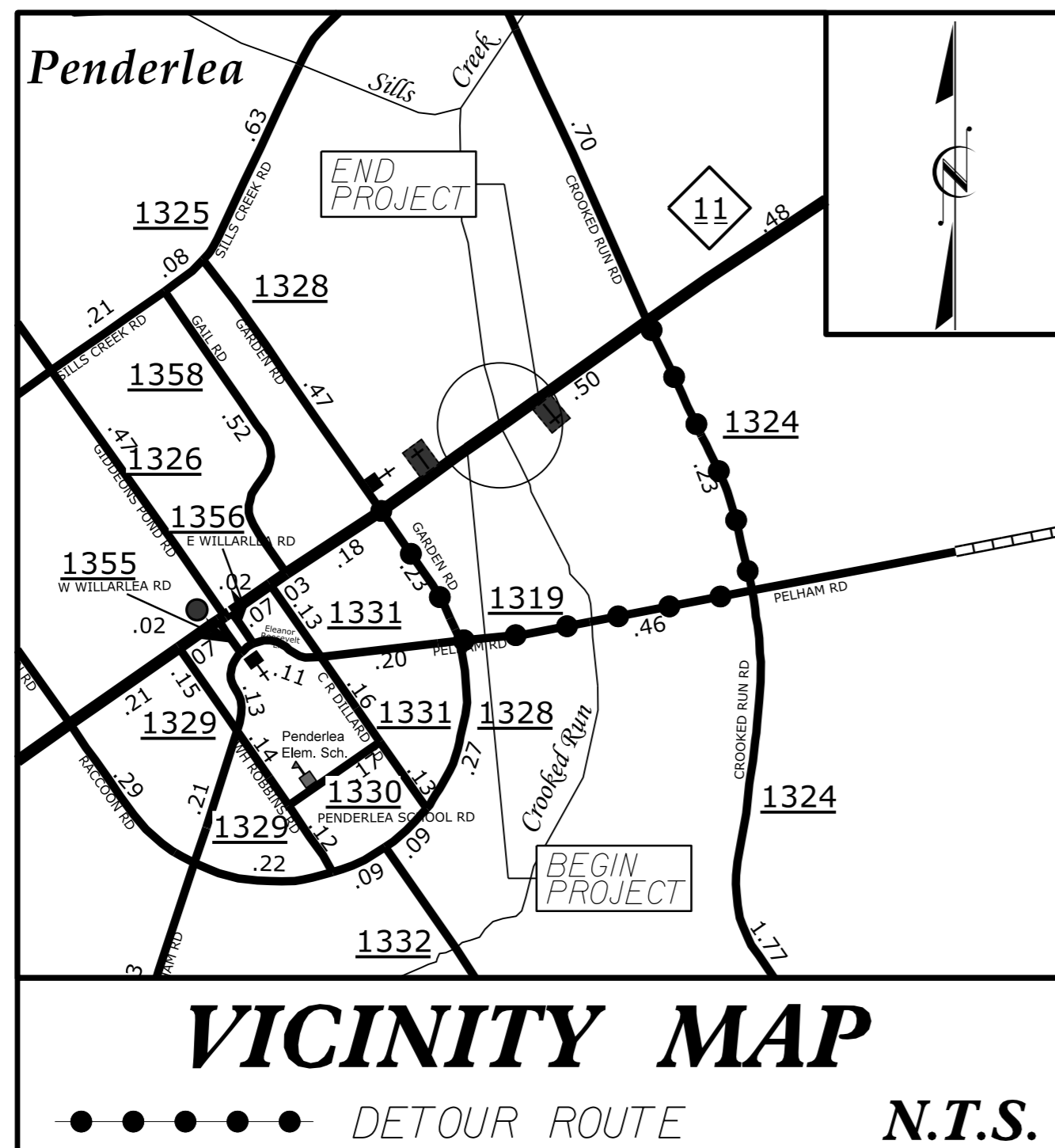
09/08/19

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

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

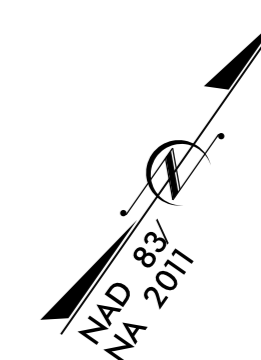
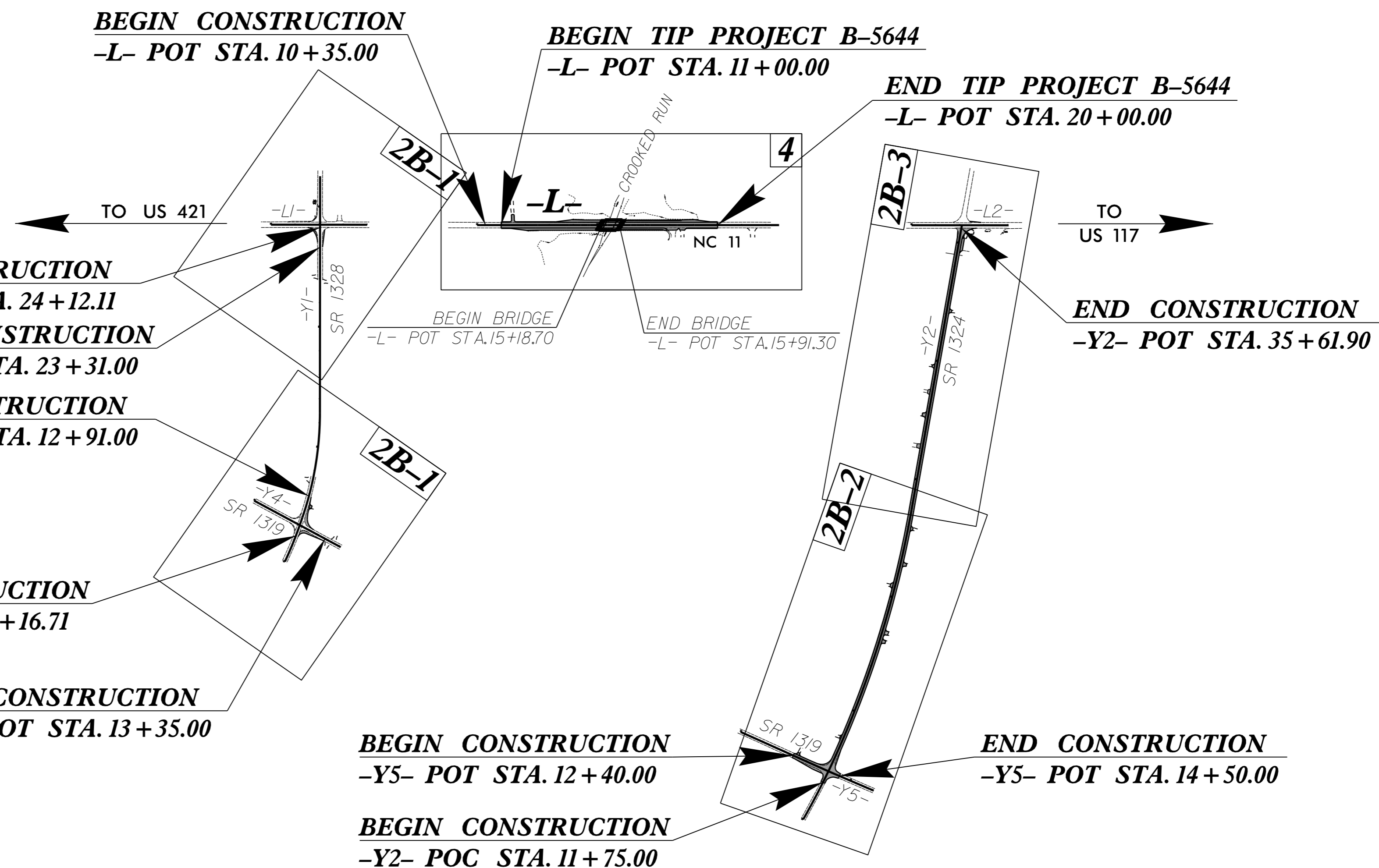
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5644	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
45599.1.1	N/A	P.E.	
45599.2.1	N/A	UTIL./ROW	
45599.3.1	N/A	CONST.	

**TIP PROJECT: B-5644**



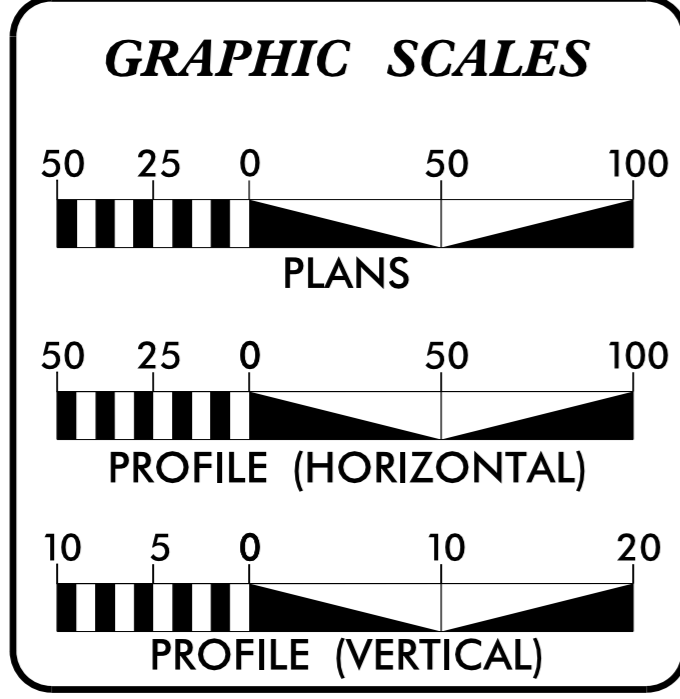
**LOCATION: REPLACE BRIDGE NO.15 OVER CROOKED RUN ON NC 11**

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



**CONTRACT: C204435**

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED



**DESIGN DATA**

ADT 2022 =	2,100 VPD
ADT 2040 =	2,700 VPD
K =	10%
D =	65%
T =	4%
V =	50 MPH
TTST =	1% DUALS = 3%
FUNC CLASS =	MAJOR COLLECTOR REGIONAL TIER

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT B-5644	=	0.156 MILES
LENGTH BRIDGE TIP PROJECT B-5644	=	0.014 MILES
<b>TOTAL LENGTH TIP PROJECT B-5644</b>	<b>=</b>	<b>0.170 MILES</b>

Prepared in the Office of:  
**CDM Smith**  
CDM Smith Inc.  
5400 Glenwood Avenue  
Suite 400  
Raleigh, NC 27612-3228  
NC CDA No. F-1255

FOR THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
2018 STANDARD SPECIFICATIONS

**RIGHT OF WAY DATE:**  
NOVEMBER 23, 2021

**LETTING DATE:**  
DECEMBER 20, 2022

**DAVID Z. KEISER, PE**  
PROJECT ENGINEER

**ADAM M. CONRAD, PE**  
PROJECT DESIGN ENGINEER

**DAVID STUTTS, PE**  
NCDOT CONTACT

**HYDRAULICS ENGINEER**

DocuSigned by:  
Jesse Dalton  
1089ADBC14994C3...  
SIGNATURE: \_\_\_\_\_ P.E.

**ROADWAY DESIGN ENGINEER**

DocuSigned by:  
David Z. Keiser  
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SIGNATURE: \_\_\_\_\_ P.E.

