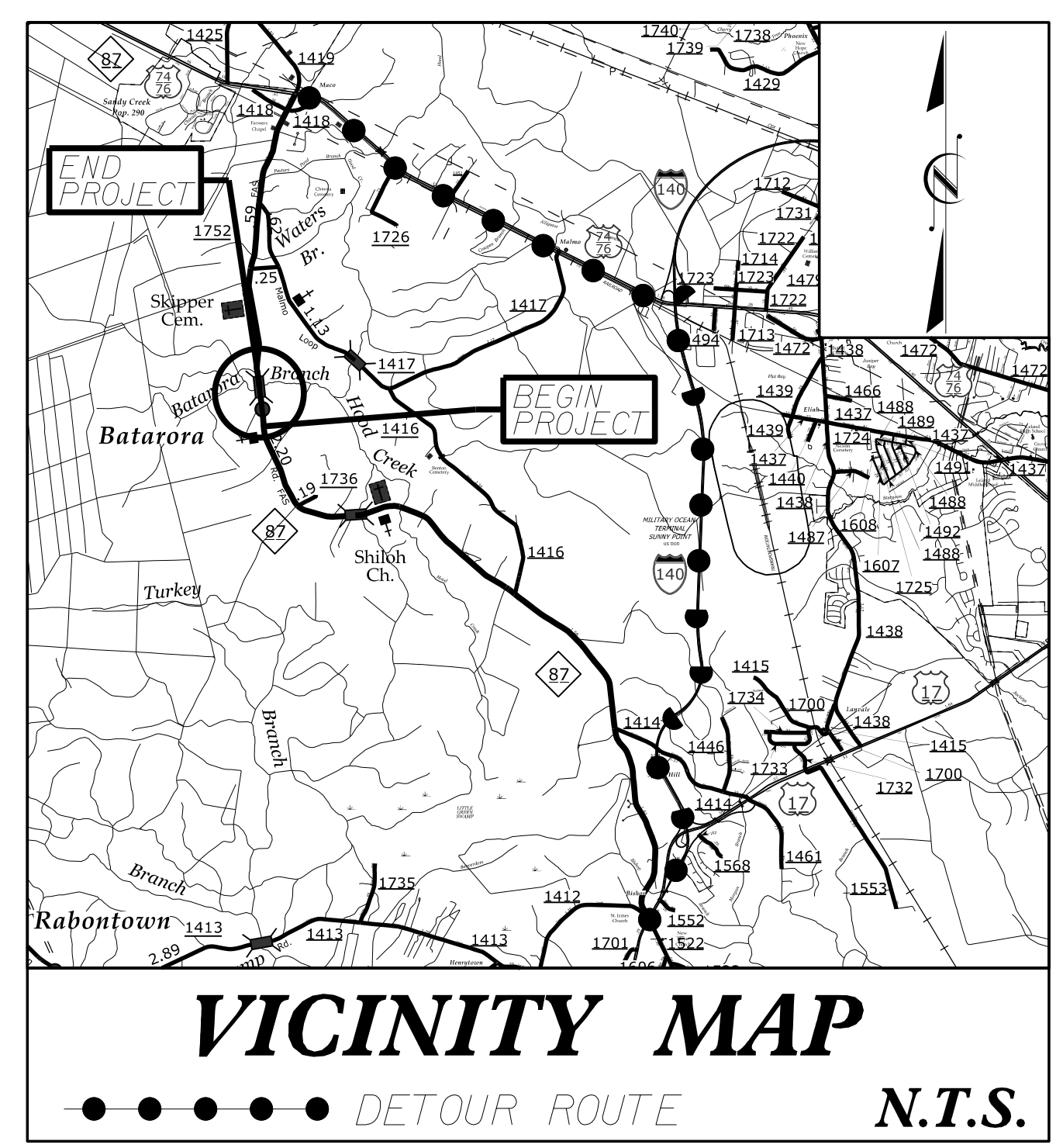


09/05/2021

**TIP PROJECT: B-5642**

**CONTRACT: C204623**

See Sheet IA For Index of Sheets  
See Sheet IB For Conventional Symbols

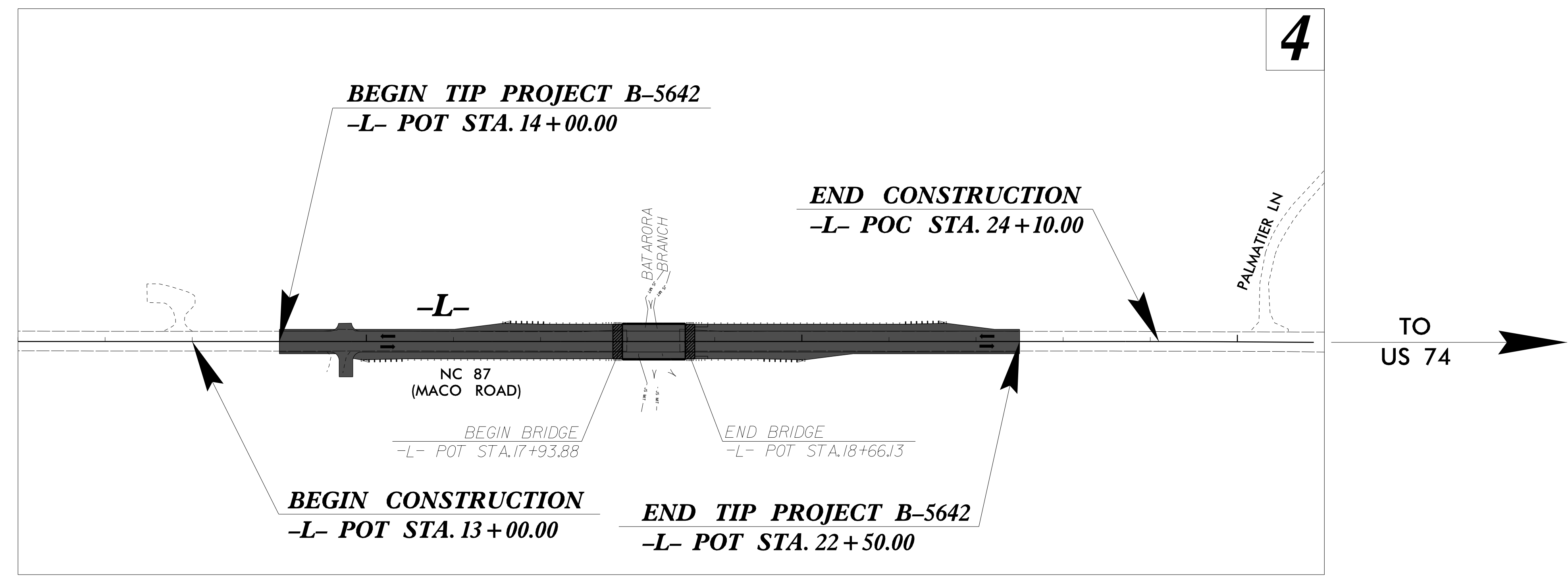
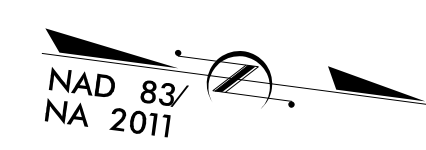


STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS  
**BRUNSWICK COUNTY**

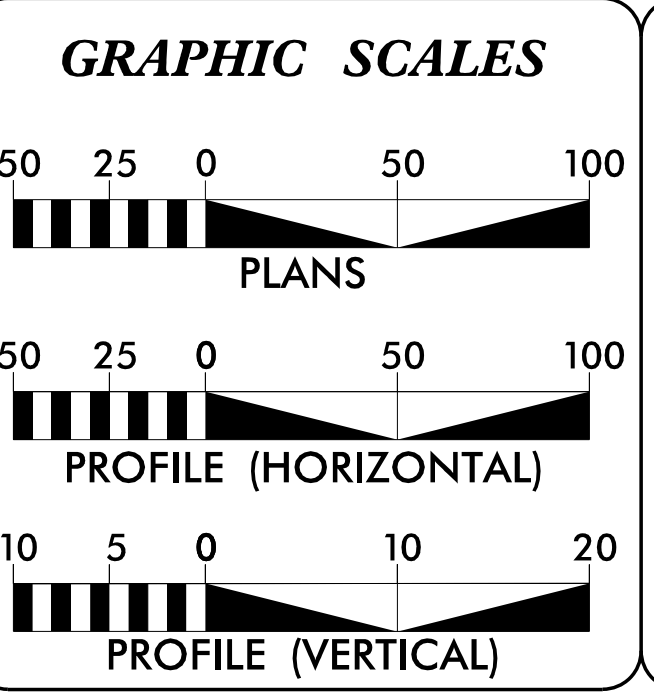
**LOCATION: REPLACE BRIDGE NO. 65 OVER BATARORA BRANCH  
ON NC 87 (MACO ROAD)**

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

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5642	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
45597.1.1	N/A	P.E.	
45597.2.1	N/A	R/W & UTIL.	
45597.3.1	N/A	CONST.	



DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED



**DESIGN DATA**

ADT 2021 =	2,150 VPD
ADT 2040 =	3,100 VPD
K =	9%
D =	55%
T =	7%
V =	60 MPH
TTST =	2% DUALS = 5%
FUNC CLASS =	MAJOR COLLECTOR
REGIONAL TIER	

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT B-5642	=	0.147 MILES
LENGTH BRIDGE TIP PROJECT B-5642	=	0.014 MILES
<b>TOTAL LENGTH TIP PROJECT B-5642</b>	<b>=</b>	<b>0.161 MILES</b>

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

FOR THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
2018 STANDARD SPECIFICATIONS

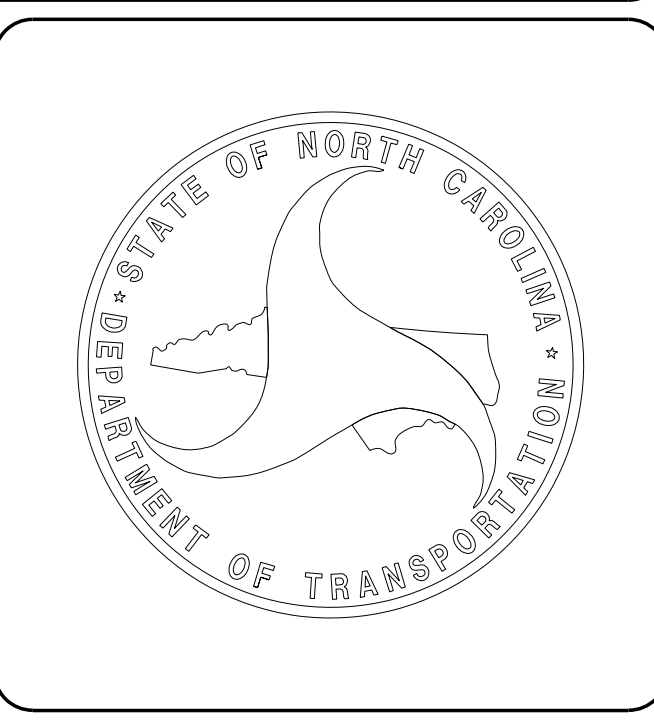
<b>RIGHT OF WAY DATE:</b> NOVEMBER 3, 2020	<b>ADAM M. CONRAD, PE</b> PROJECT ENGINEER
<b>LETTING DATE:</b> DECEMBER 21, 2021	<b>MONIQUE N. GYANT, EI</b> PROJECT DESIGN ENGINEER
	<b>KRISTY ALFORD, PE</b> NCDOT CONTACT

**HYDRAULICS ENGINEER**

DocuSigned by:  
Joshua G. Dalton  
1989AD8C14994C3...  
SIGNATURE: \_\_\_\_\_ P.E.

**ROADWAY DESIGN ENGINEER**

DocuSigned by:  
Adam M. Conrad, PE, PM?  
90DC0FFA0FD94AD...  
SIGNATURE: \_\_\_\_\_ P.E.



\$\$\$\$ SYSTEM \$\$\$\$  
\$\$\$ DONOR \$\$\$\$  
\$\$\$ USERNAME \$\$\$\$