

TIP PROJECT: B-5642

CONTRACT: C204623

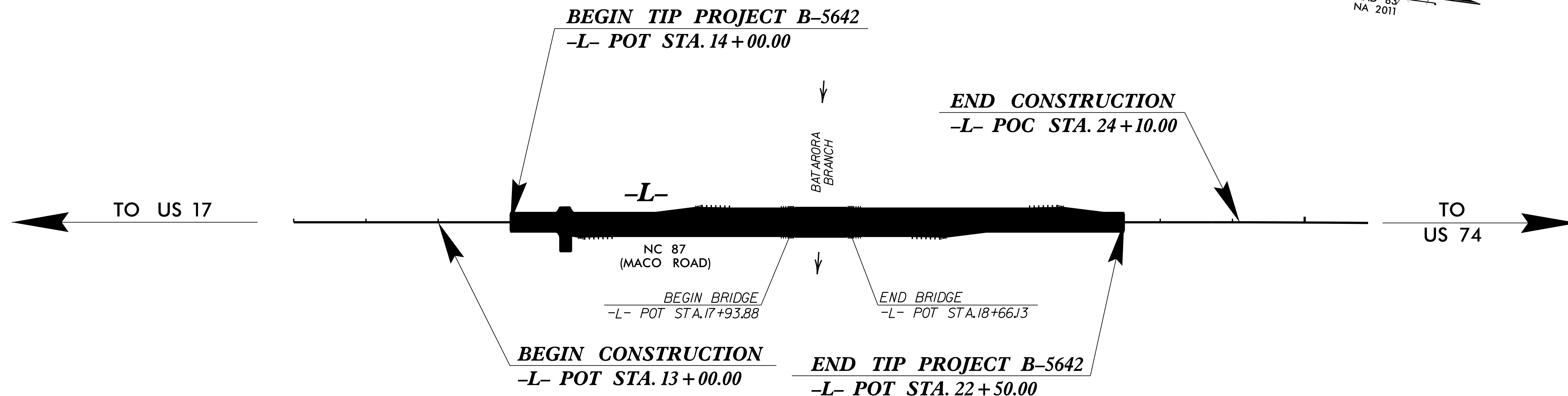
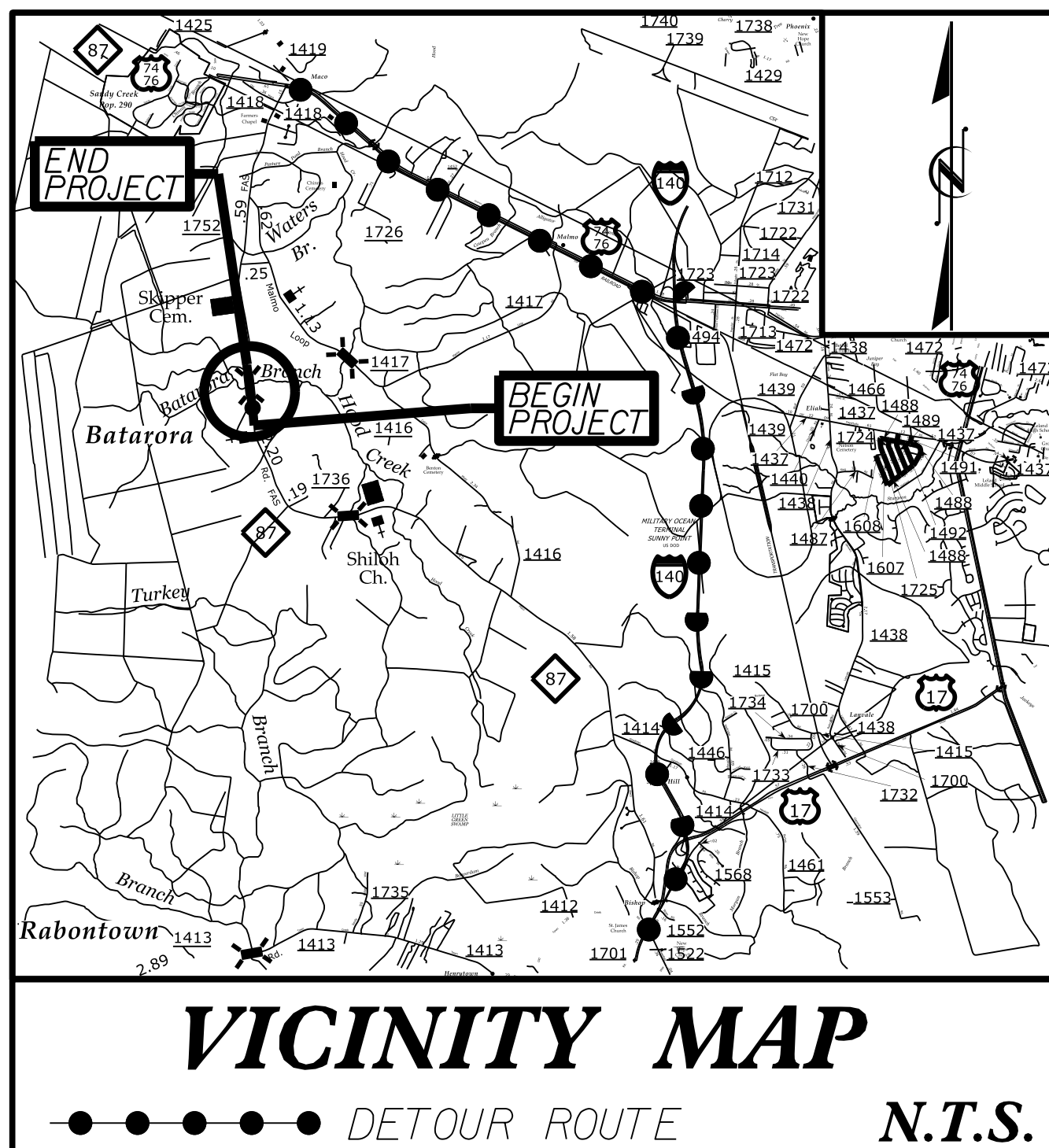
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5642		
STATE PROJ. NO.	P.A. PROJ. NO.	DESCRIPTION	
45597.1.1	N/A	P.E.	
45597.2.1	N/A	RW & UTIL.	
45597.3.1	N/A	CONST.	

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

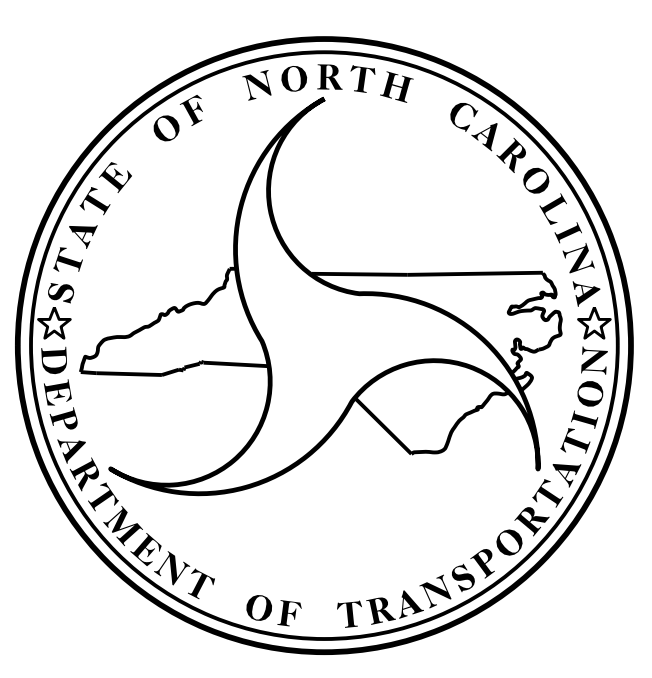
BRUNSWICK COUNTY

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

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



STRUCTURES



DESIGN DATA

ADT 2021 = 2,150
ADT 2040 = 3,100
K = 9 %
D = 55 %
T = 7 % **
* V = 60 MPH
** (TTST 2%, DUAL 5%)

FUNC CLASS = MAJOR COLLECTOR
REGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-5642 = 0.147 MILE
LENGTH STRUCTURE TIP PROJECT B-5642 = 0.014 MILE

TOTAL LENGTH TIP PROJECT B-5642 = 0.161 MILE

Prepared In the Office of:
DIVISION OF HIGHWAYS
STRUCTURES MANAGEMENT UNIT
1000 BIRCH RIDGE DR.
RALEIGH, N.C. 27610

2018 STANDARD SPECIFICATIONS

LETTING DATE :
DECEMBER 21, 2021

KRISTY L. W. ALFORD, P.E.
PROJECT ENGINEER

P. KOREY NEWTON, P.E.
PROJECT DESIGN ENGINEER