

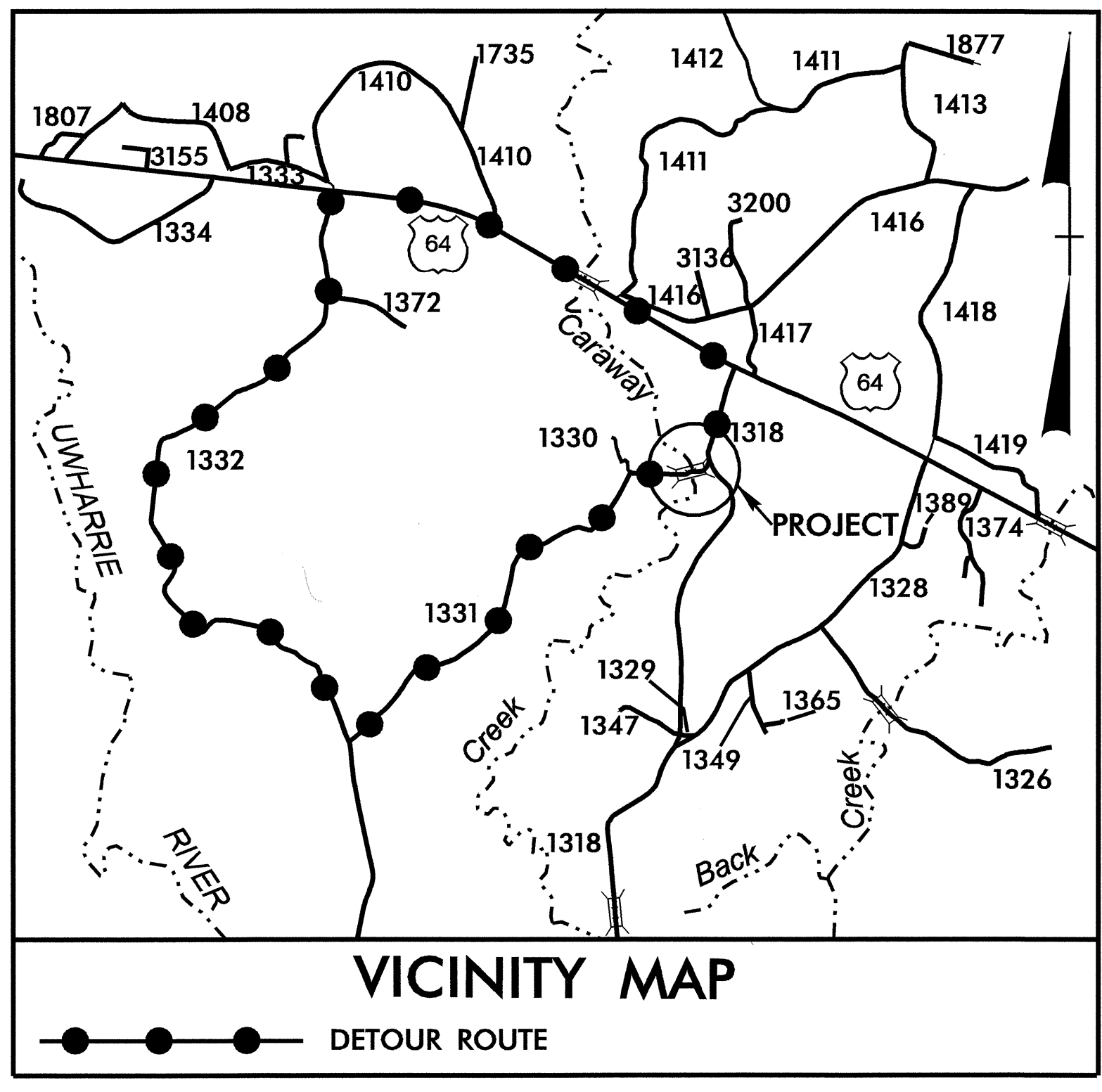
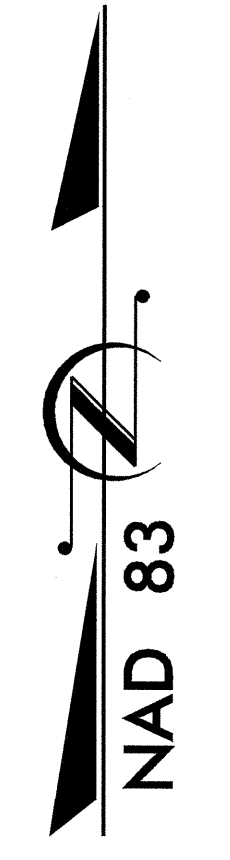
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-3504		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
33118.1.1	BRZ-1331(4)	PE,	
33118.3.1	BRZ-1331(11)	CONST.	

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**RANDOLPH COUNTY**

LOCATION: BRIDGE NO. 363 OVER CARAWAY CREEK ON SR 1331

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

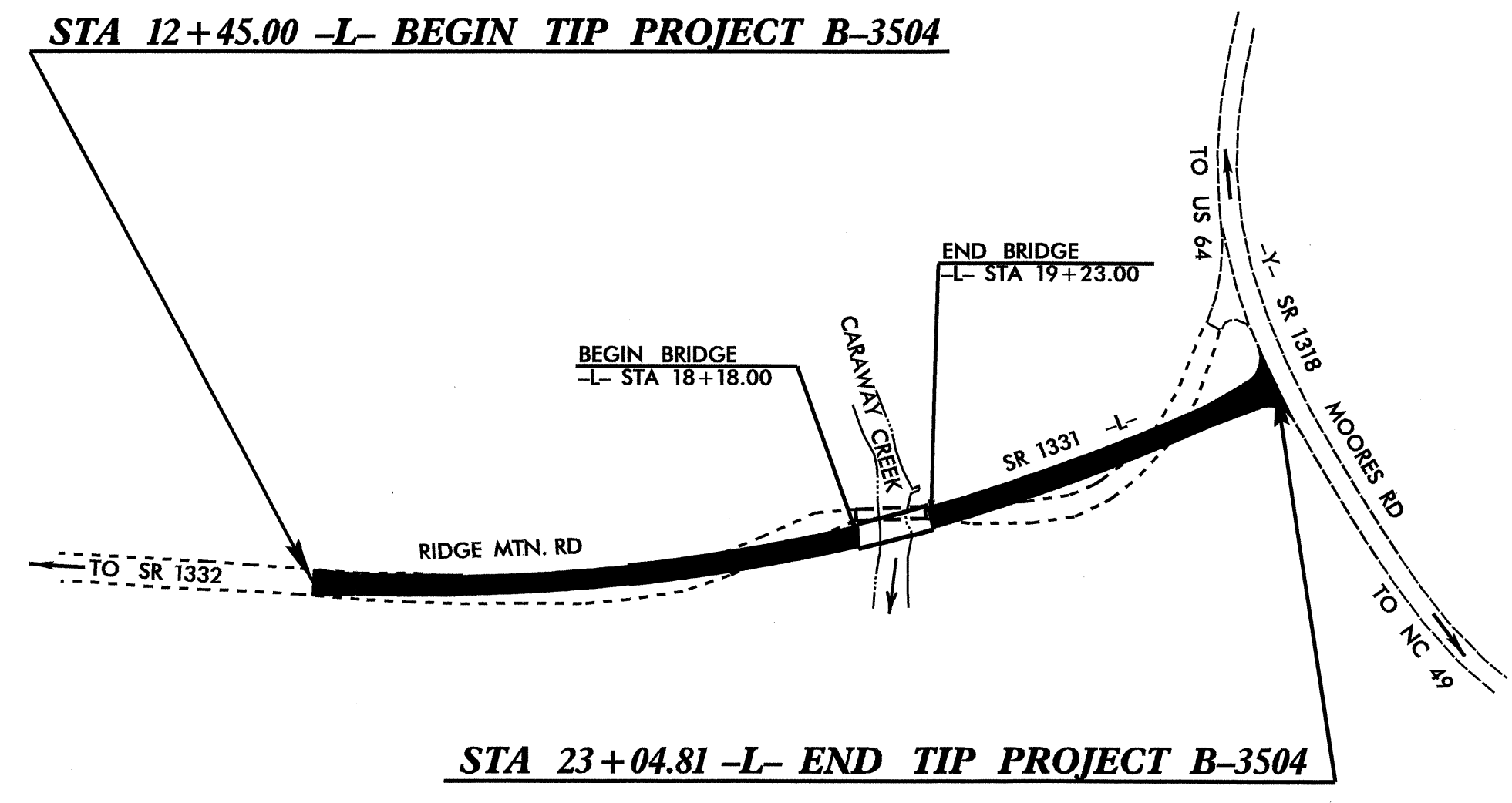


VICINITY MAP

DETOUR ROUTE

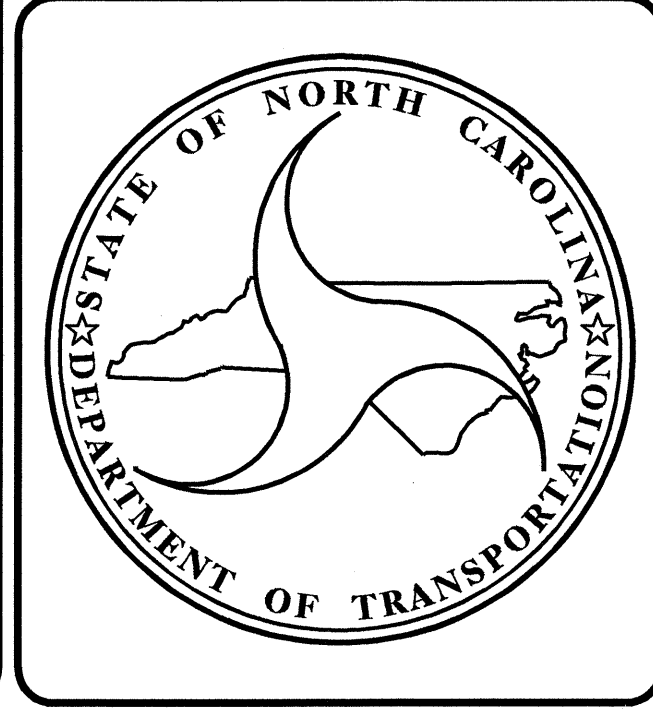
**STRUCTURE**

THIS PROJECT IS NOT WITHIN ANY MUNICIPAL BOUNDARIES



CONTRACT: C200907 TIP PROJECT: B-3504

18-JUN-2004 08:42  
\$\$\$\$\$DGN\$\$\$\$\$  
B.K. Klappenbach



**DESIGN DATA**

ADT 2004 =	145
ADT 2024 =	293
DHV =	10 %
D =	60 %
T =	3 % *
V =	60 MPH**
* TTST 1 %	DUAL 2 %
** DESIGN EXCEPTION REQUIRED FOR DESIGN SPEED FROM 60 MPH TO 50 MPH AND A CREST VERTICAL CURVE.	

**PROJECT LENGTH**

LENGTH OF ROADWAY TIP PROJECT B-3504	= 0.181 mi.
LENGTH OF STRUCTURE TIP PROJECT B-3504	= 0.020 mi.
TOTAL LENGTH OF STATE PROJECT B-3504	= 0.201 mi.

Prepared In the Office of:  
**DIVISION OF HIGHWAYS**  
1000 Birch Ridge Dr., Raleigh, NC 27610

2002 STANDARD SPECIFICATIONS

LETTING DATE :  
SEPTEMBER 21, 2004

J. M. BAILEY, P.E.  
PROJECT ENGINEER

B. K. KLAPPENBACH, P.E.  
PROJECT DESIGN ENGINEER

STRUCTURE DESIGN UNIT  
1000 BIRCH RIDGE DR.  
RALEIGH, N.C. 27610

*Gregory R. Perfetti*  
8/2/04

DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA

STATE DESIGN ENGINEER  
DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

APPROVED  
DIVISION ADMINISTRATOR

P.E.  
DATE