

**CONTRACT: C201005 TIP PROJECT: B-3840**

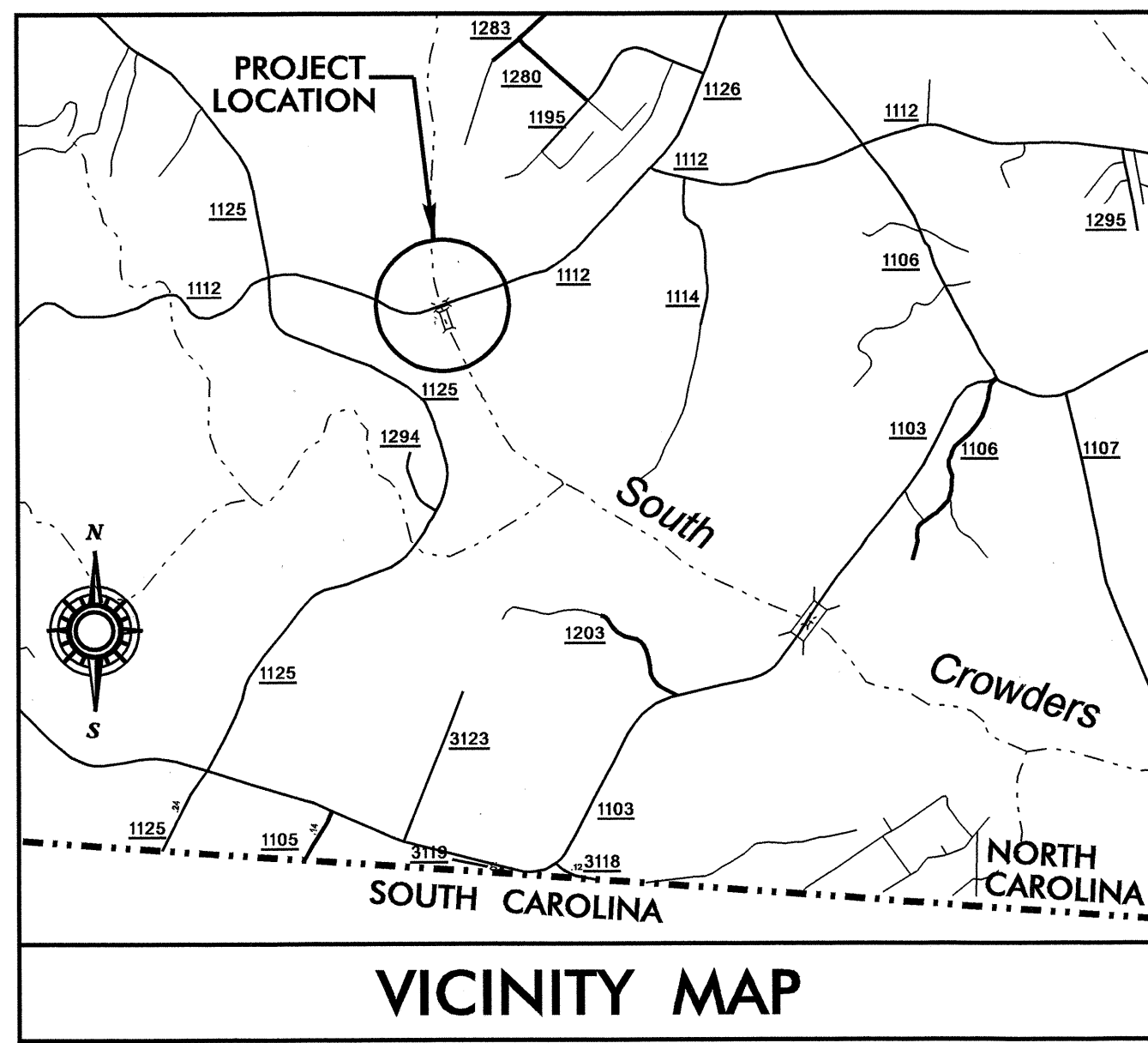
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**GASTON COUNTY**

**LOCATION: BRIDGE 52 OVER SOUTH CROWDERS CREEK  
ON SR 1112 (LEWIS ROAD)**

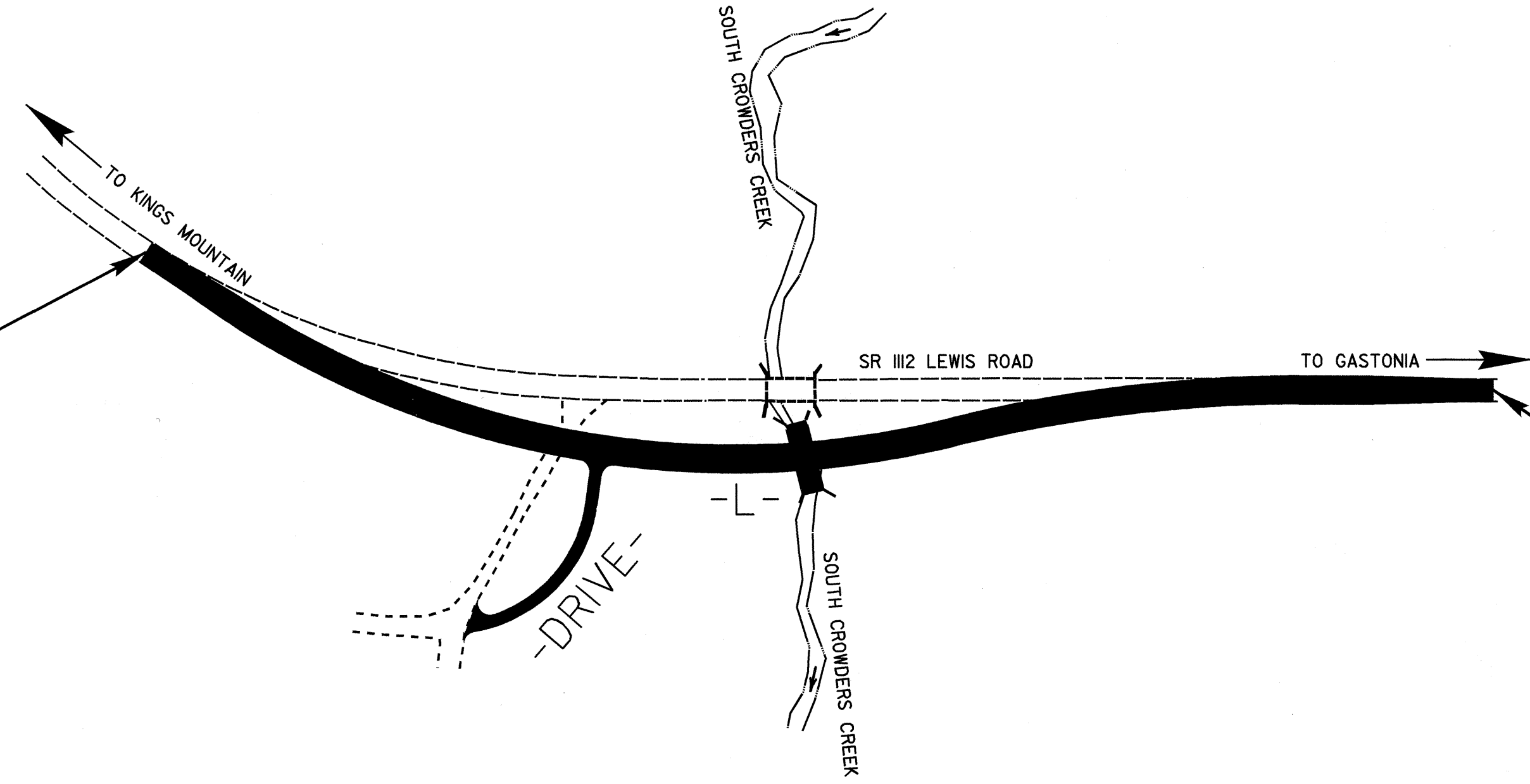
**TYPE OF WORK: GRADING, DRAINAGE, CULVERT, GUARDRAIL,  
& PAVING**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-3840		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
33288.1.1	BRZ-1112 (3)	PE	
33288.2.1	BRZ-1112 (3)	R/W & UTIL	
33288.3.1	BRZ-1112 (8)	CONST	

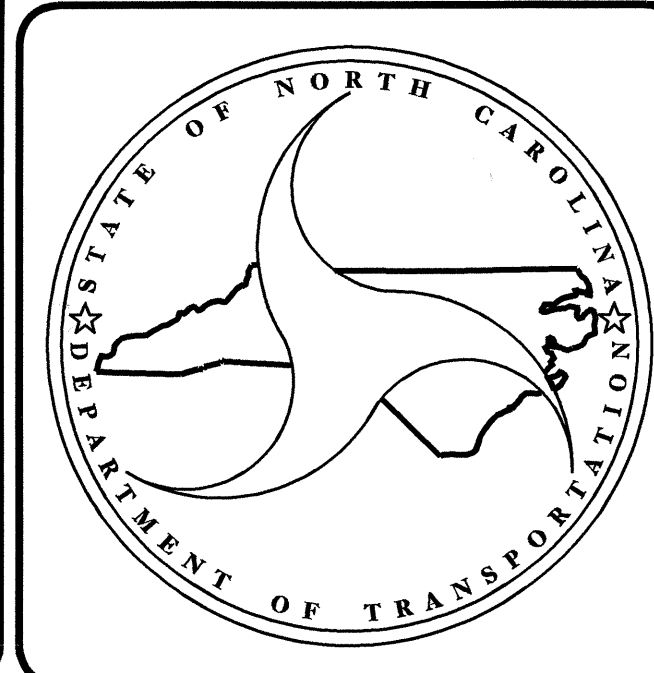
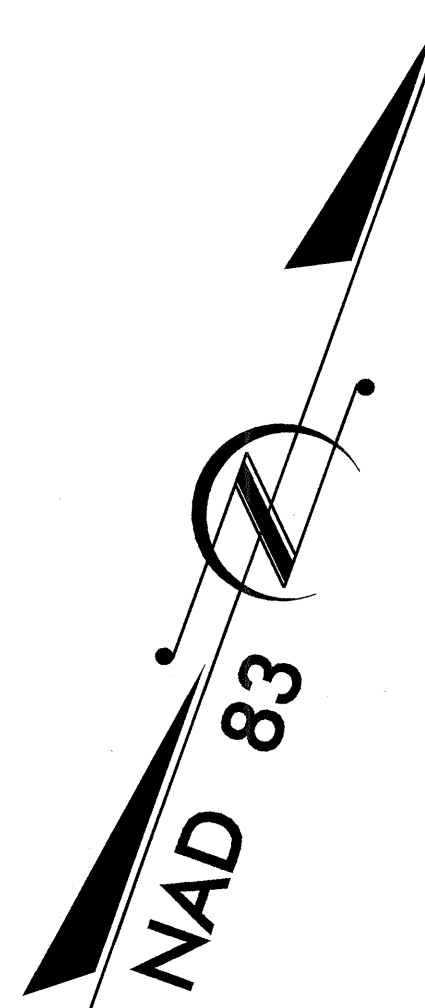


**CULVERT**

**-L- STA. 10+00.00  
BEGIN TIP PROJECT B-3840**



**-L- STA. 21+65.00  
END TIP PROJECT B-3840**



**DESIGN DATA**

ADT 2002 =	1630 VPD
ADT 2025 =	2600 VPD
DHV =	10 %
D =	60 %
T =	4 % *
V =	45 MPH
* TTST 1 %	DUAL 3 %

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT B-3840 =	0.215mi
LENGTH STRUCTURE TIP PROJECT B-3840 =	0.006mi
TOTAL LENGTH TIP PROJECT B-3840 =	0.221 mi

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

2002 STANDARD SPECIFICATIONS

**LETTING DATE:**  
OCTOBER 19, 2004

<b>B. C. HUNT, PE</b> PROJECT ENGINEER
<b>T. G. PAYNE, PE</b> PROJECT DESIGN ENGINEER

**STRUCTURE DESIGN UNIT**

*Gregory R. Perfetti*  
9/8/04

**DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA**

STATE DESIGN ENGINEER

**DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION**

APPROVED  
DIVISION ADMINISTRATOR

P.E.  
DATE

22-JUL-2004 12:38  
\$\$\$\$\$DGN\$\$\$\$\$  
TPAYNE