

09/05/99

TIP PROJECT: B-3822
CONTRACT: C201184

CULVERT

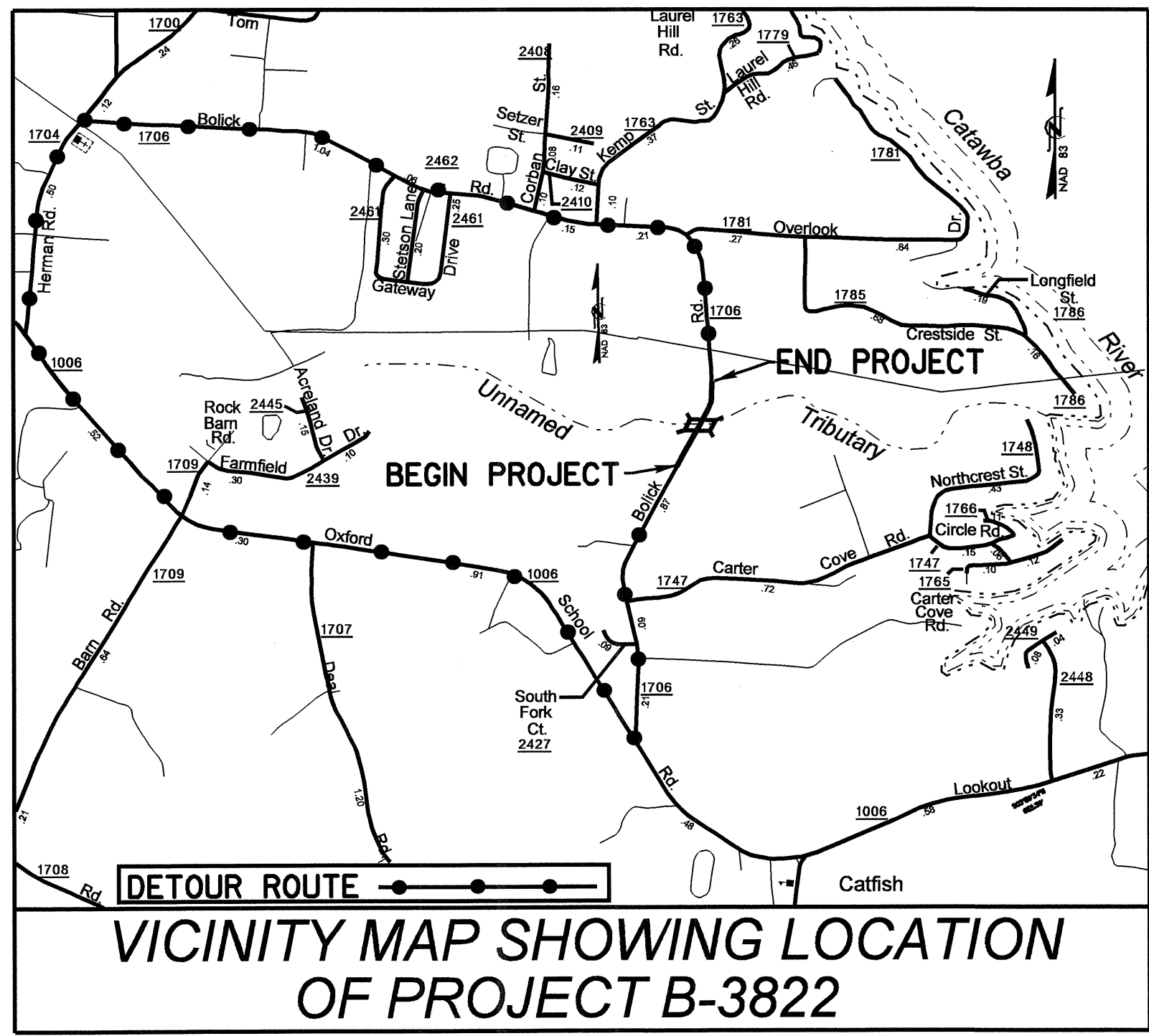
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CATAWBA COUNTY

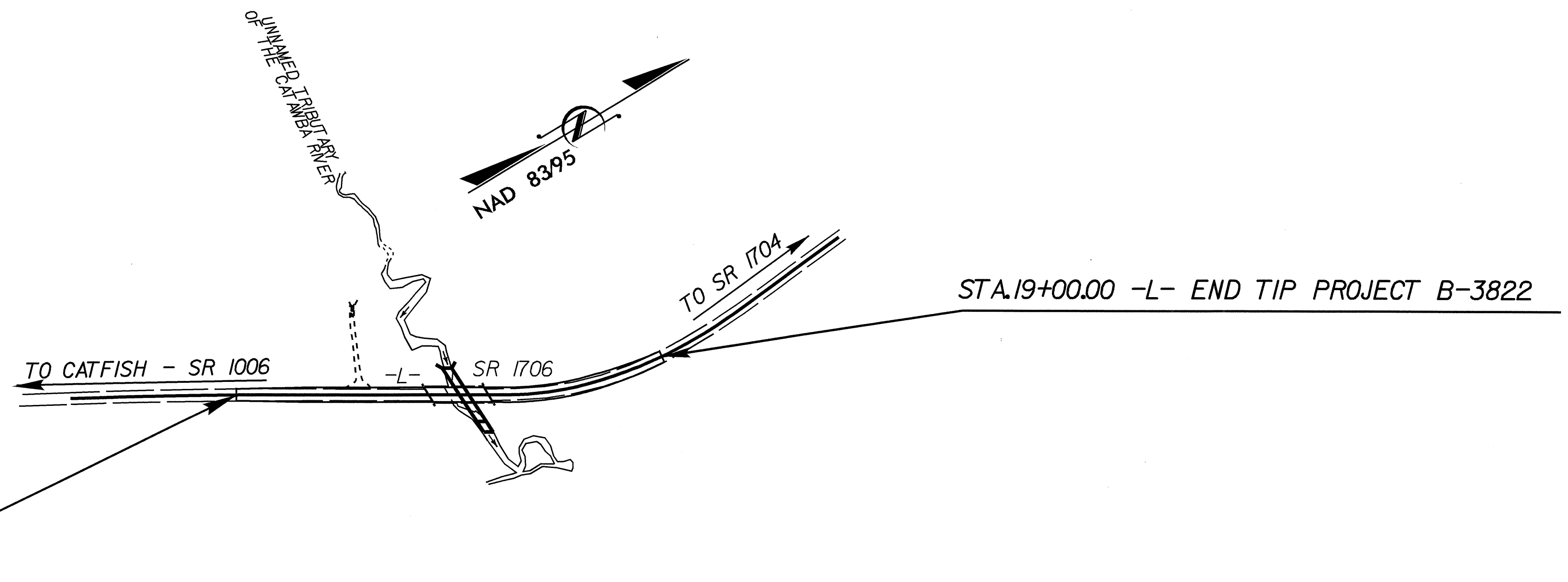
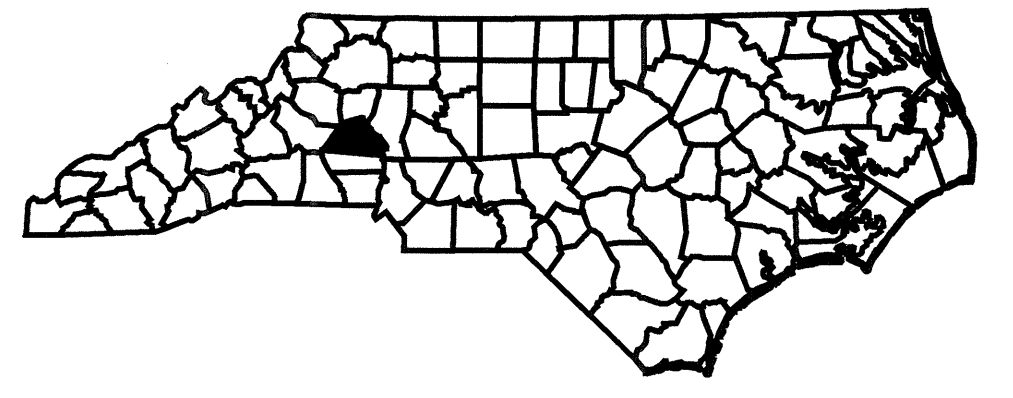
LOCATION: BRIDGE #8 OVER UNNAMED TRIBUTARY OF THE CATAWBA RIVER ON SR 1706

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

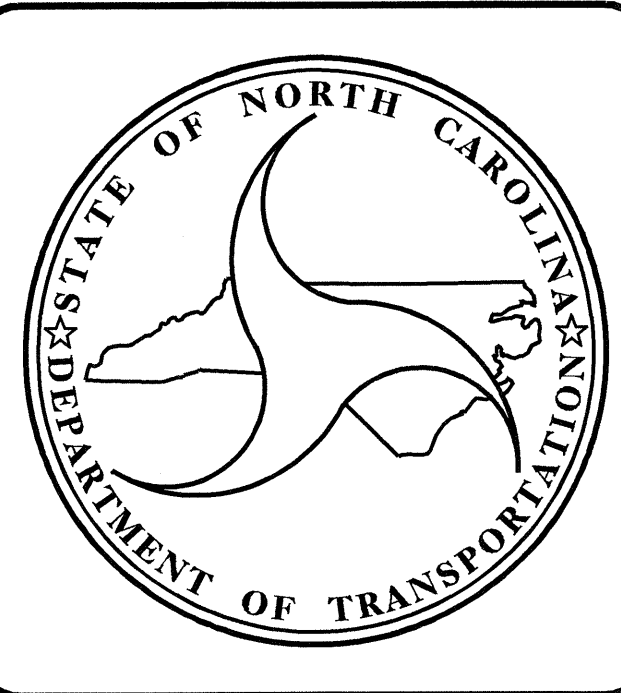
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-3822		
STATE PROJ. NO.	P.A. PROJ. NO.	DESCRIPTION	
33274.1.1	BRZ-1706(2)	P.E.	
33274.2.2	BRZ-1706(2)	RW	
33274.3.1	BRZ-1706(2)	CONST.	



VICINITY MAP SHOWING LOCATION OF PROJECT B-3822



** DESIGN EXCEPTION REQUIRED FOR THE DESIGN SPEED FROM 60 MPH TO 30 MPH.



DESIGN DATA

ADT 2005 =	1113
ADT 2025 =	1700
DHV =	10 %
D =	60 %
T =	1 % *
V =	60 MPH**
* TTST 0%	DUAL 1%
FUNC CLASS =	LOCAL

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-3822 =	0.123 MILES
TOTAL LENGTH TIP PROJECT B-3822 =	0.123 MILES

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

2002 STANDARD SPECIFICATIONS

LETTING DATE:
SEPTEMBER 20, 2005

O. R. AZIZI, P.E.
PROJECT ENGINEER

T. L. COGGINS, P.E.
PROJECT DESIGN ENGINEER

STRUCTURE DESIGN UNIT

Gregory R. Perfecti
8-4-05

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

STATE DESIGN ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ADMINISTRATOR

DATE

01-JUN-2005 09:10
 \$\$\$\$\$\$DGN\$\$\$\$\$\$
 T.Coggins