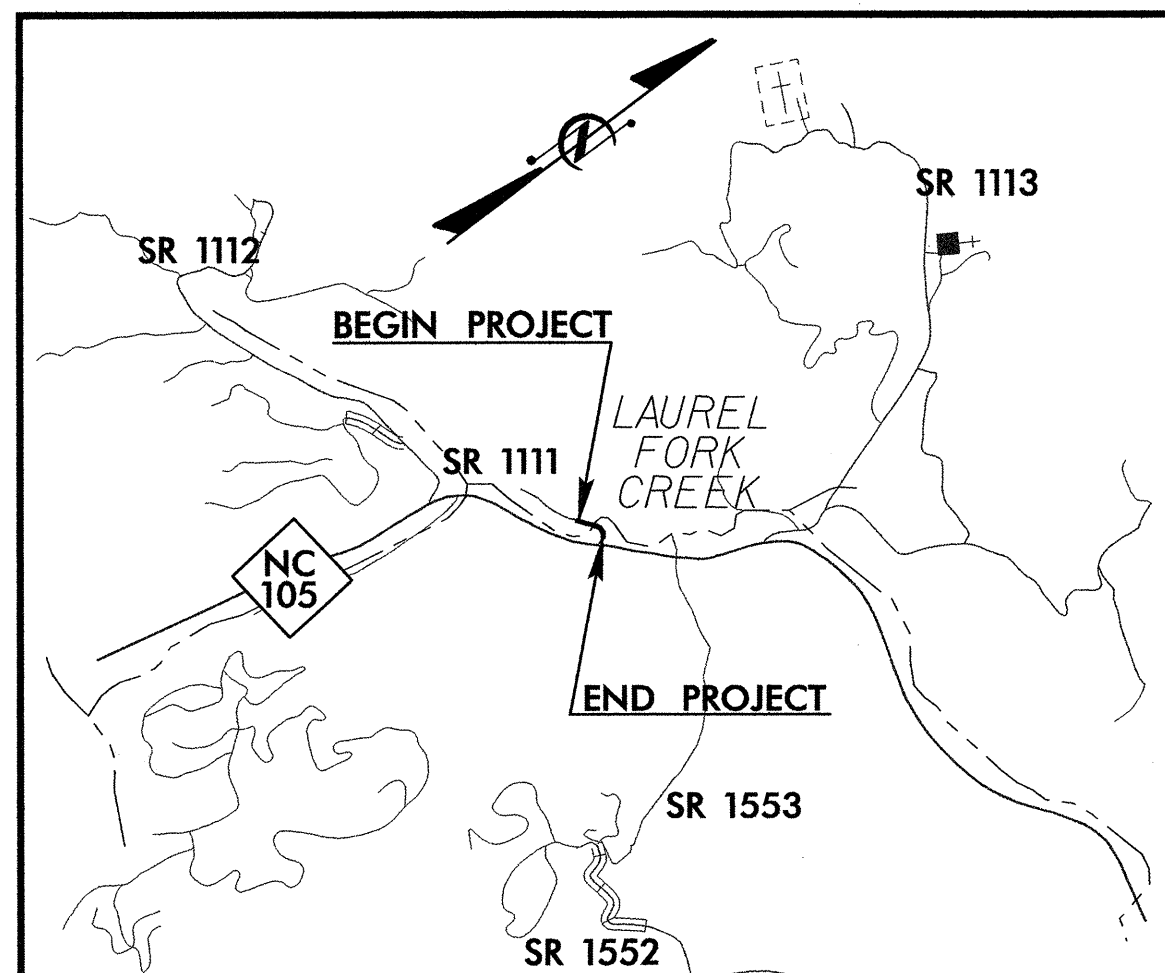


See Sheet 1-A For Index of Sheets  
See Sheet 1-B For Conventional Symbols



VICINITY MAP

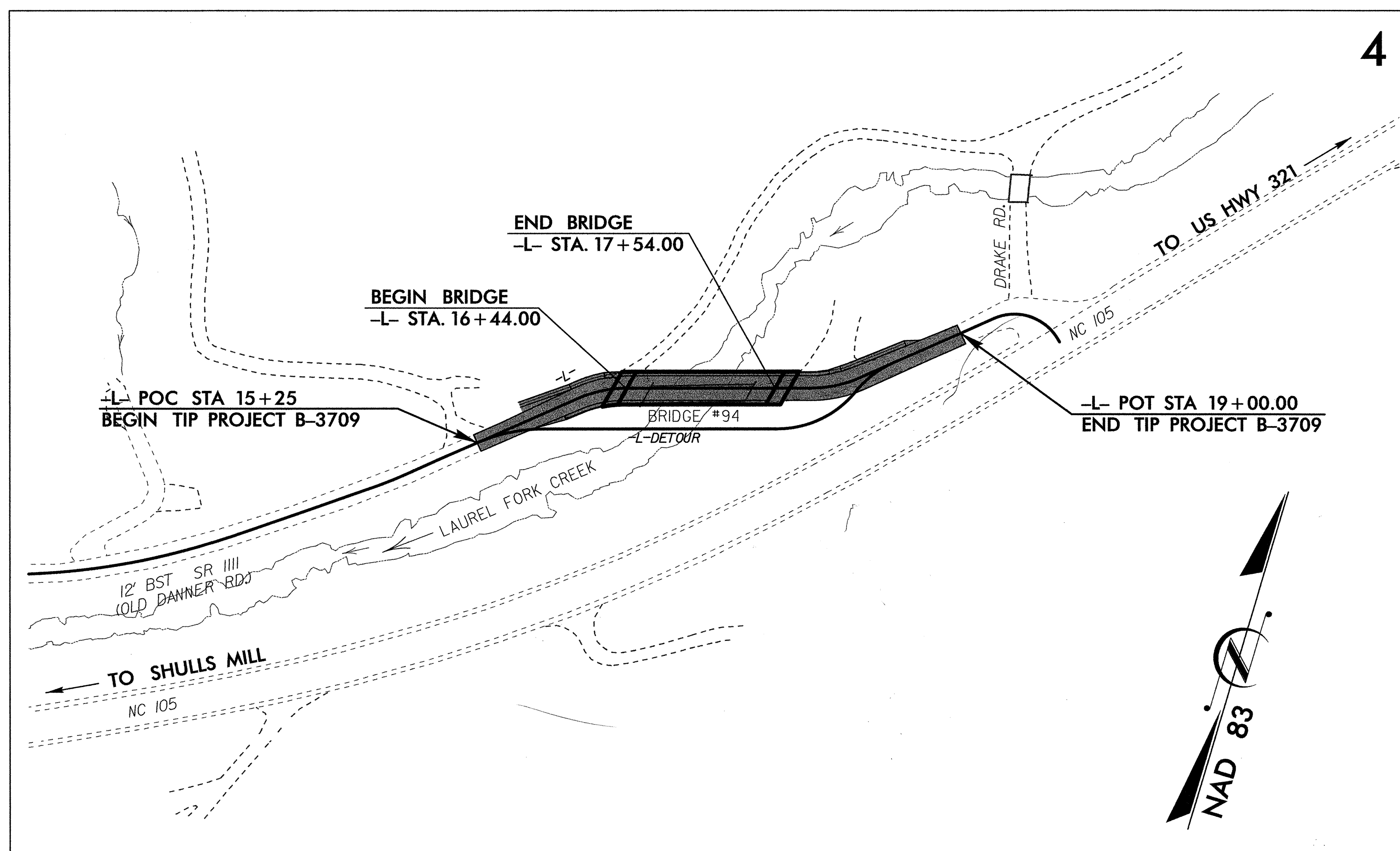
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**WATAUGA COUNTY**

LOCATION: BRIDGE NO. 94 OVER LAUREL FORK CREEK  
ON SR 1111 (OLD DANNER ROAD)

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

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-3709	1	
WBS NO.	F.A. PROJ. NO.	DESCRIPTION	
33249.1.1	BRZ-1111(1)	P.E.	
33249.2.2	BRZ-1111(1)	R/W, UTIL	
33249.3.1	BRZ-1111(1)	CONST.	



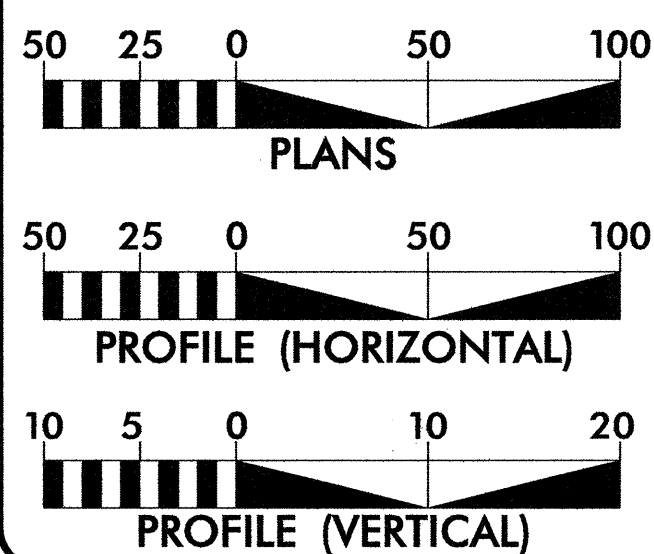
TIP: B-3709

CONTRACT: C201258



NCDOT CONTACT : TERESA BRUTON, PE  
PROJECT ENGINEER - DESIGN SERVICES

GRAPHIC SCALES



DESIGN DATA

ADT 2003 = 24  
ADT 2025 = 40  
DHV = 25 %  
D = 70 %  
T = 4 % \*  
V = 20 MPH \*\*  
FUNCTION. = RURAL  
CLASS. = LOCAL  
\* TTST 1 % DUAL 3 %  
\*\* DESIGN EXCEPTION FOR DESIGN SPEED (20 mph)

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-3709 = 0.050 MI  
LENGTH STRUCTURE TIP PROJECT B-3709 = 0.021 MI  
TOTAL LENGTH TIP PROJECT B-3709 = 0.071 MI

Prepared In the Office of:  
**MULKEY ENGINEERS & CONSULTANTS**  
FOR THE NORTH CAROLINA DEPT. OF TRANSPORTATION

2002 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:  
JUNE 30, 2004

LETTING DATE:  
MAY 17, 2005

TIM S. HAYES, PE  
PROJECT ENGINEER

JOHNNY R. BANKS  
PROJECT MANAGER

HYDRAULICS ENGINEER

STATE DESIGN ENGINEER

ROADWAY DESIGN ENGINEER

SIGNATURE: *[Signature]* P.E. 2/22/06

DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA

STATE DESIGN ENGINEER

DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

APPROVED  
DIVISION ADMINISTRATOR

DATE