

See Sheet 1-A For Index of Sheets

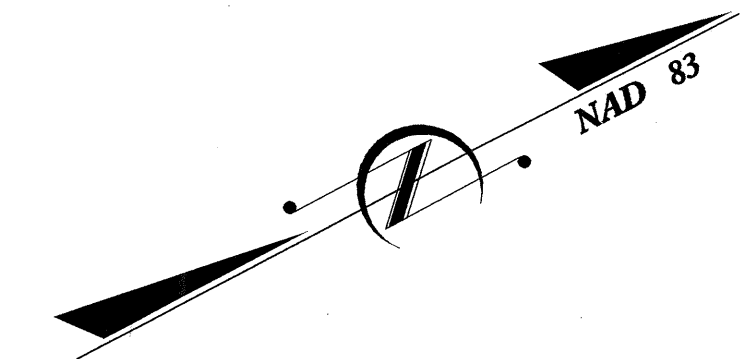
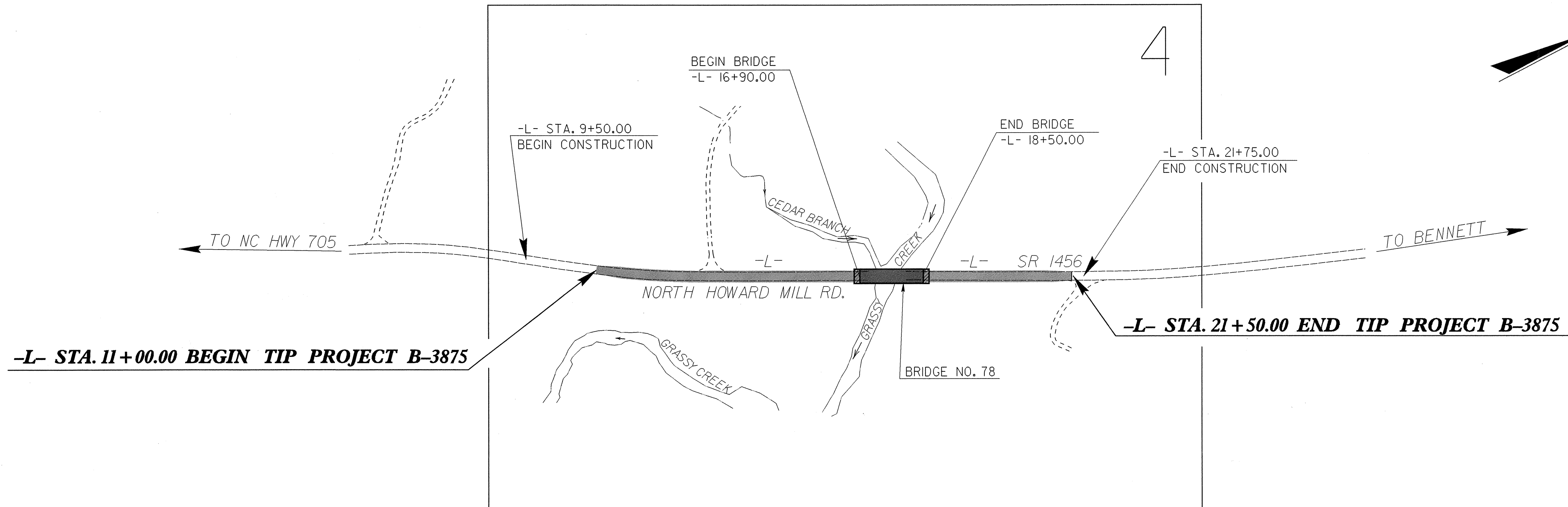
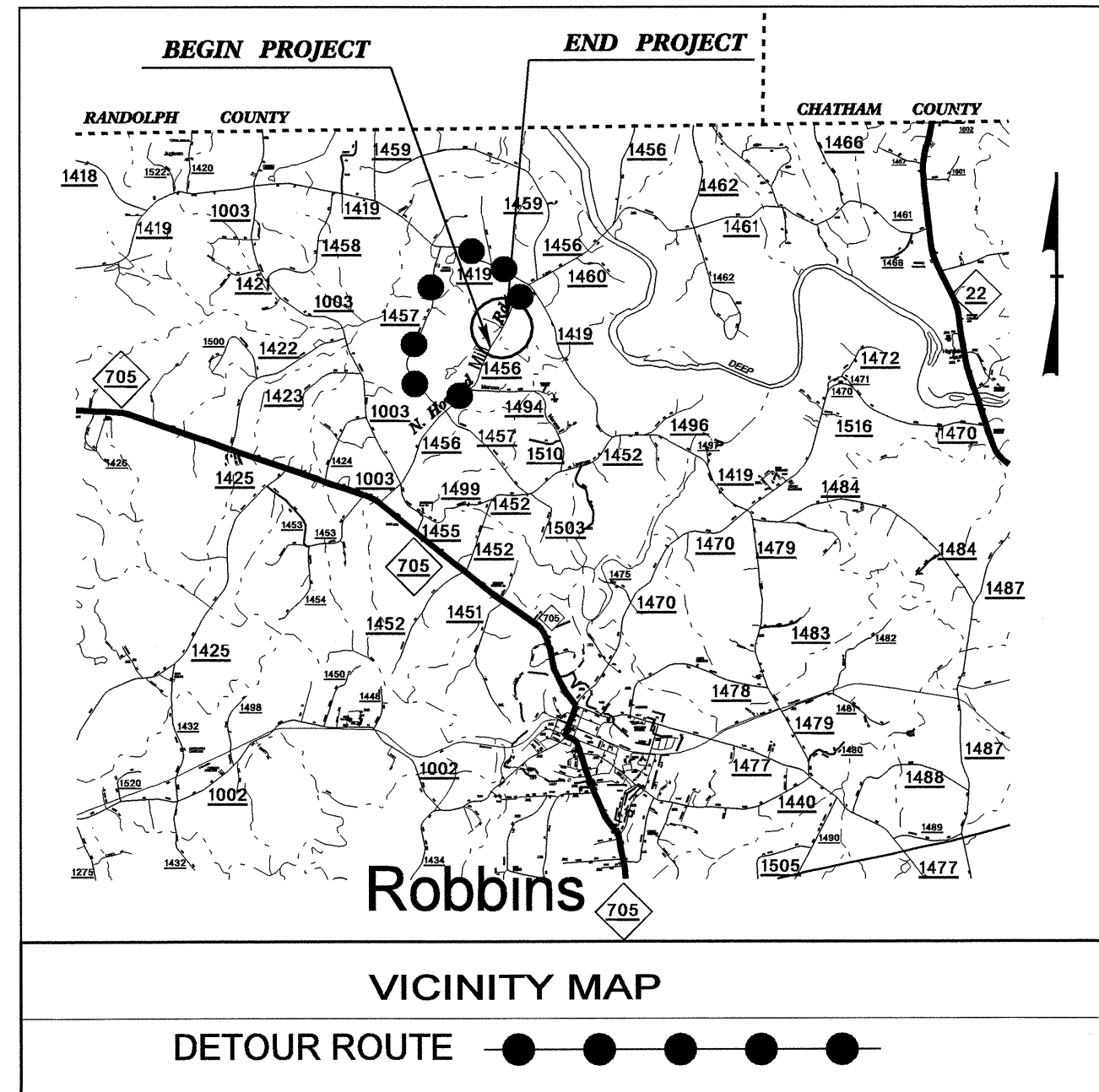
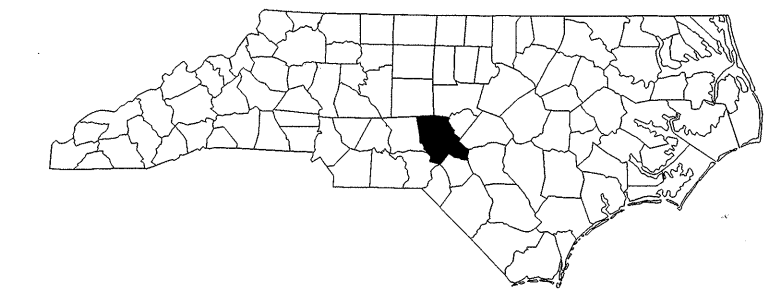
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

MOORE COUNTY

**LOCATION: BRIDGE 78 OVER GRASSY CREEK ON
SR 1456 (NORTH HOWARD MILL RD.)**

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

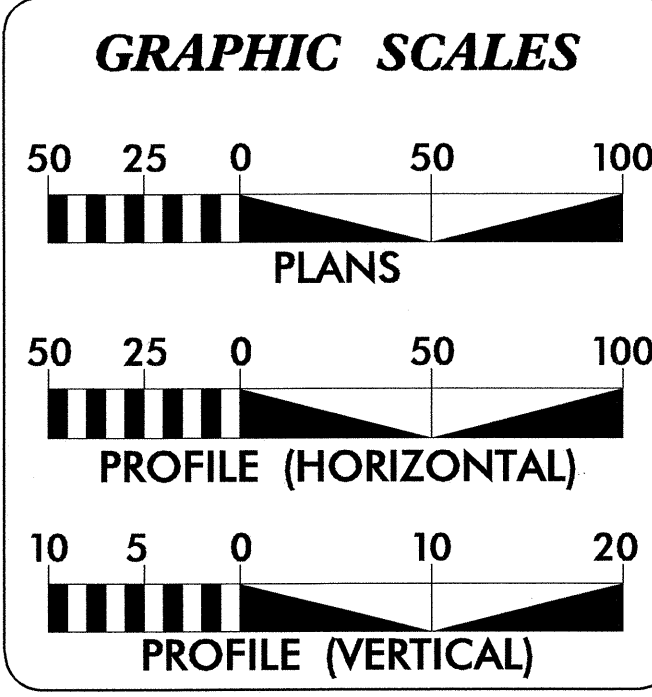
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-3875	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
33319.1.1	BRZ-1456(5)	PE	
33319.2.2	BRZ-1456(7)	RW, UTIL.	
33319.3.1	BRZ-1456(8)	CONST.	



** DESIGN EXCEPTION FOR SAG VERTICAL CURVE REQUIRED

TIP PROJECT: B-3875

CONTRACT: C201201



DESIGN DATA

ADT 2005 = 1,700
ADT 2025 = 2,500
DHV = 15 %
D = 60 %
*T = 3 %
**V = 60 MPH
* TTST 1 % DUAL 2 %

FUNCTIONAL CLASSIFICATION
RURAL LOCAL

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-3875 = 0.169 Miles
LENGTH STRUCTURE TIP PROJECT B-3875 = 0.030 Miles
TOTAL LENGTH OF TIP PROJECT B-3875 = 0.199 Miles

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

2002 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
APRIL 28, 2004

LETTING DATE:
APRIL 19, 2005

G. E. BREW, PE
PROJECT ENGINEER

I. T. YOUNIS
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

SIGNATURE: *G. E. Brew*

ROADWAY DESIGN ENGINEER

SIGNATURE: *I. T. Younis*

**DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA**

Art McMillan P.E.
STATE DESIGN ENGINEER

**DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION**

APPROVED
DIVISION ADMINISTRATOR

DATE

10-DEC-2004 08:27
R:\Roadway\Proj\10-3875\rdy_tsh.dgn
JB Thompson