

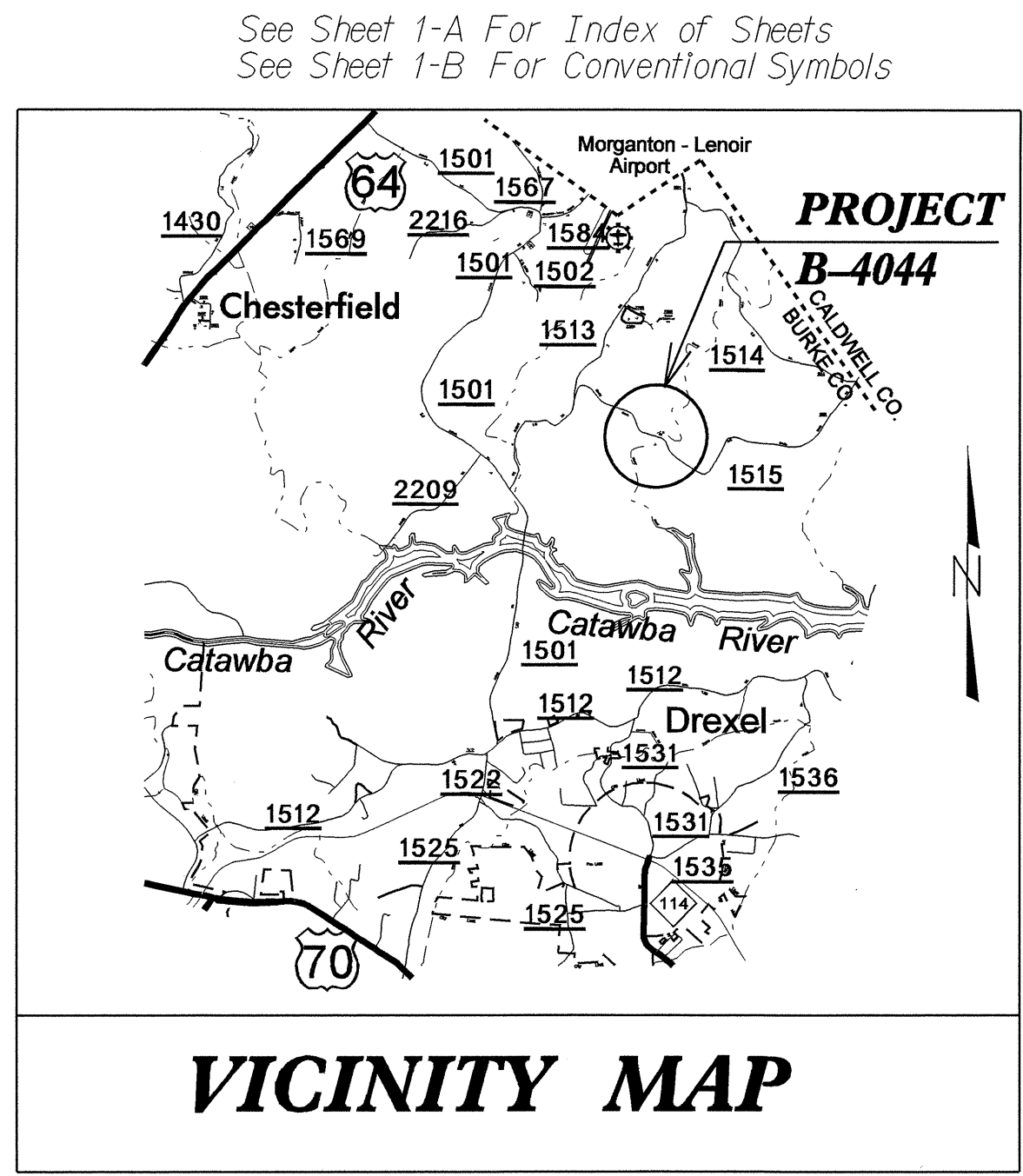
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-4044	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
33410.1.1	BRZ-1515(2)	P.E.	
33410.2.2	BRZ-1515(2)	ROW	
33410.3.1	BRZ-1515(5)	CONST.	

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

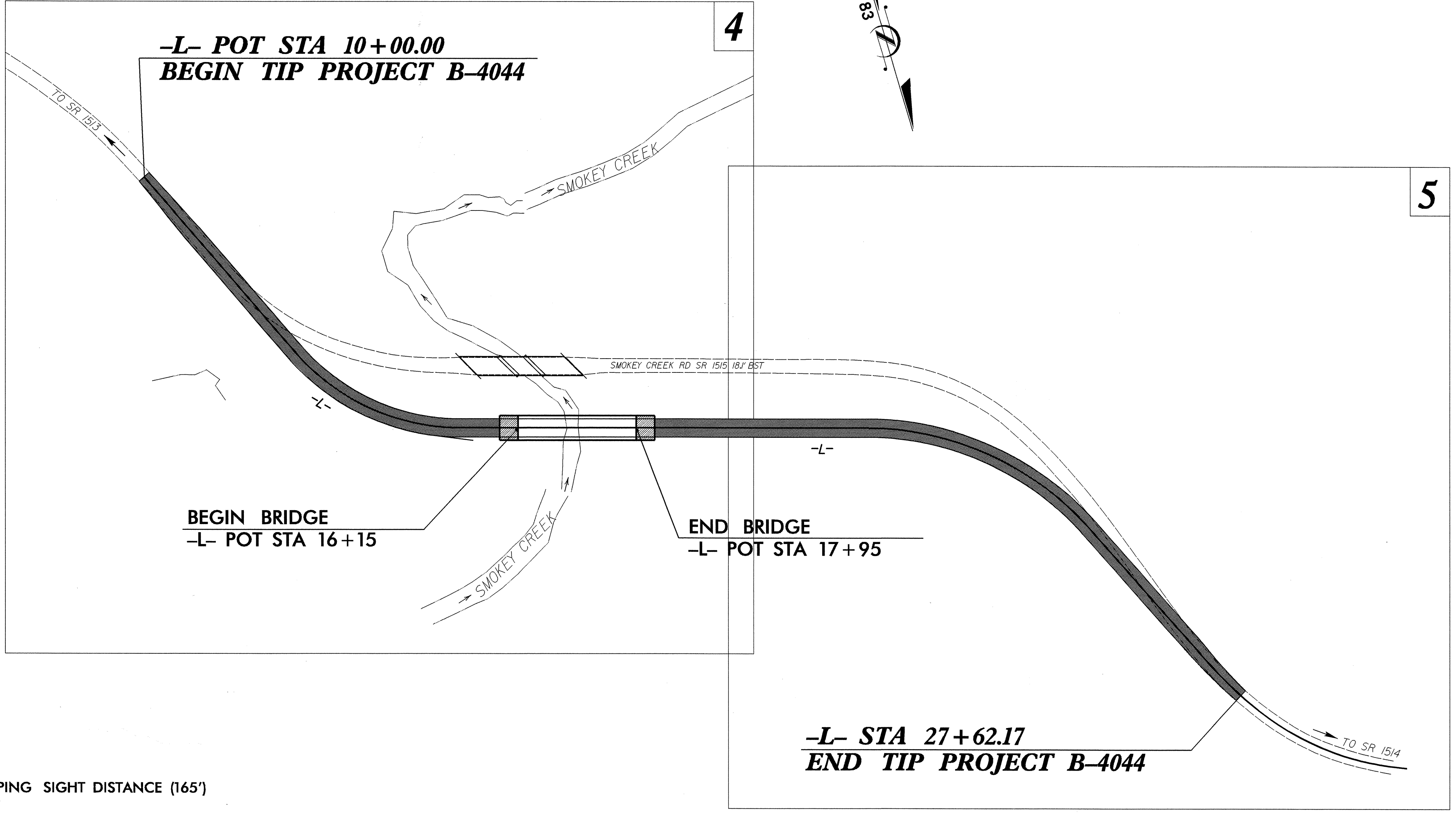
**BURKE COUNTY**

LOCATION: BRIDGE NO. 4 OVER SMOKEY CREEK ON SR 1515

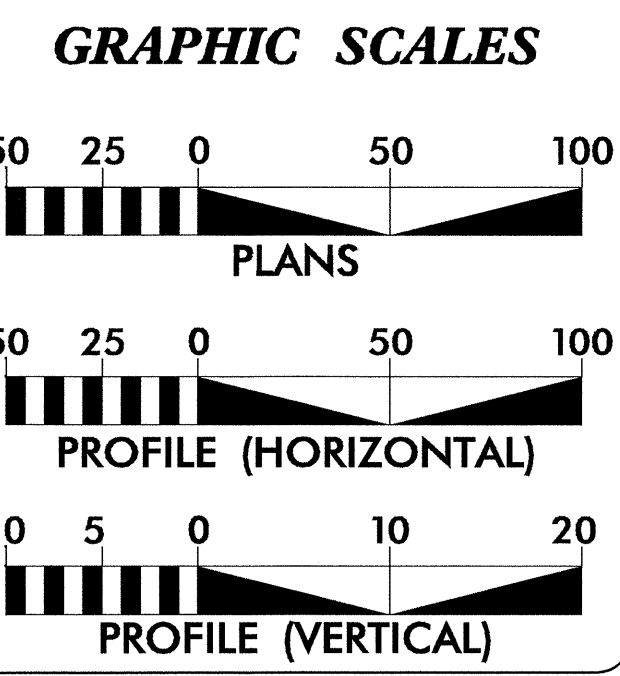
TYPE OF WORK: GRADING, DRAINAGE, PAVING, AND STRUCTURE



VICINITY MAP



\*\*DESIGN EXCEPTION REQUIRED FOR DESIGN SPEED (35 mph),  
MINIMUM HORIZONTAL CURVE RADIUS (300') AND HORIZONTAL STOPPING SIGHT DISTANCE (165')



**DESIGN DATA**

ADT 2005 =	650
ADT 2025 =	1100
DHV =	12 %
D =	55 %
T =	4 % *
V =	60 MPH**
* TTST 1% +	DUAL 3%
FUNC. CLASS =	LOCAL RURAL

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT B-4044 =	0.300 MI
LENGTH STRUCTURE TIP PROJECT B-4044 =	0.034 MI
TOTAL LENGTH TIP PROJECT B-4044 =	0.334 MI

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

2002 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: GARY LOVERING, PE  
OCTOBER 15, 2004  
PROJECT ENGINEER

LETTING DATE: ANTHONY WEST  
NOVEMBER 15, 2005  
PROJECT DESIGN ENGINEER

HYDRAULIC ENGINEER  
SEAL 12575  
SIGNATURE: [Signature]

ROADWAY DESIGN ENGINEER  
SEAL 25873  
SIGNATURE: [Signature]

DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA

STATE DESIGN ENGINEER  
DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

APPROVED DIVISION ADMINISTRATOR DATE

09/08/05  
 14-SEP-2005 09:46  
 R:\p04044\B-4044\_rdy\_tsh.dgn  
 sashley AT RD23233

**CONTRACT: C201366 TIP PROJECT: B-4044**