

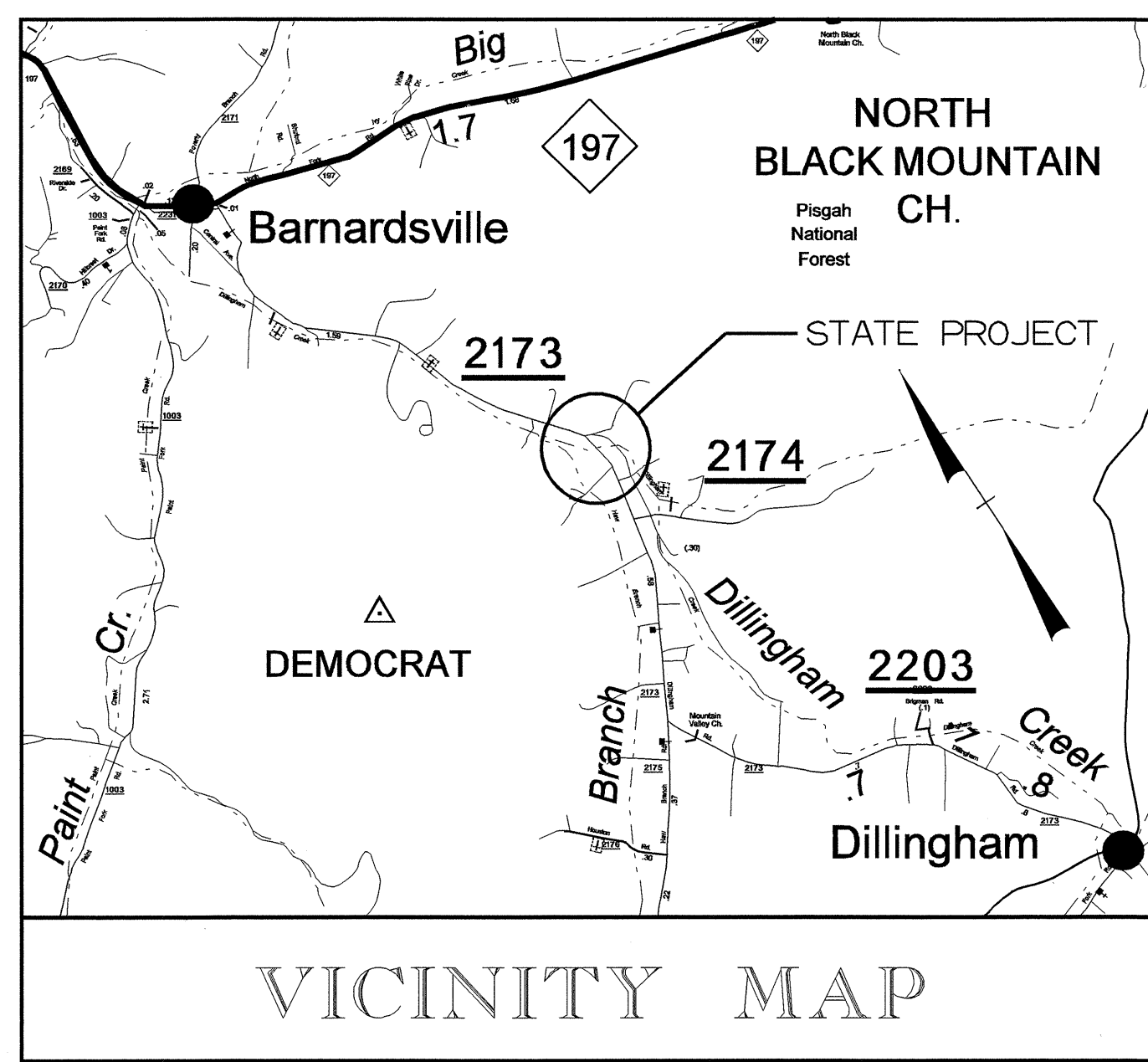
9/09/99

CONTRACT: C200906 TIP PROJECT: B-3310

See Sheet 1-A For Index of Sheets

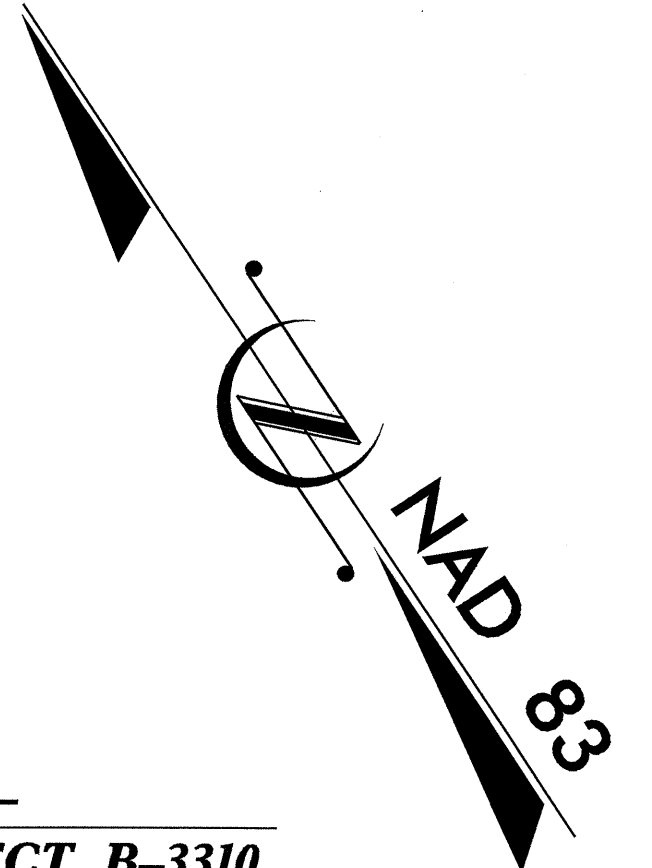
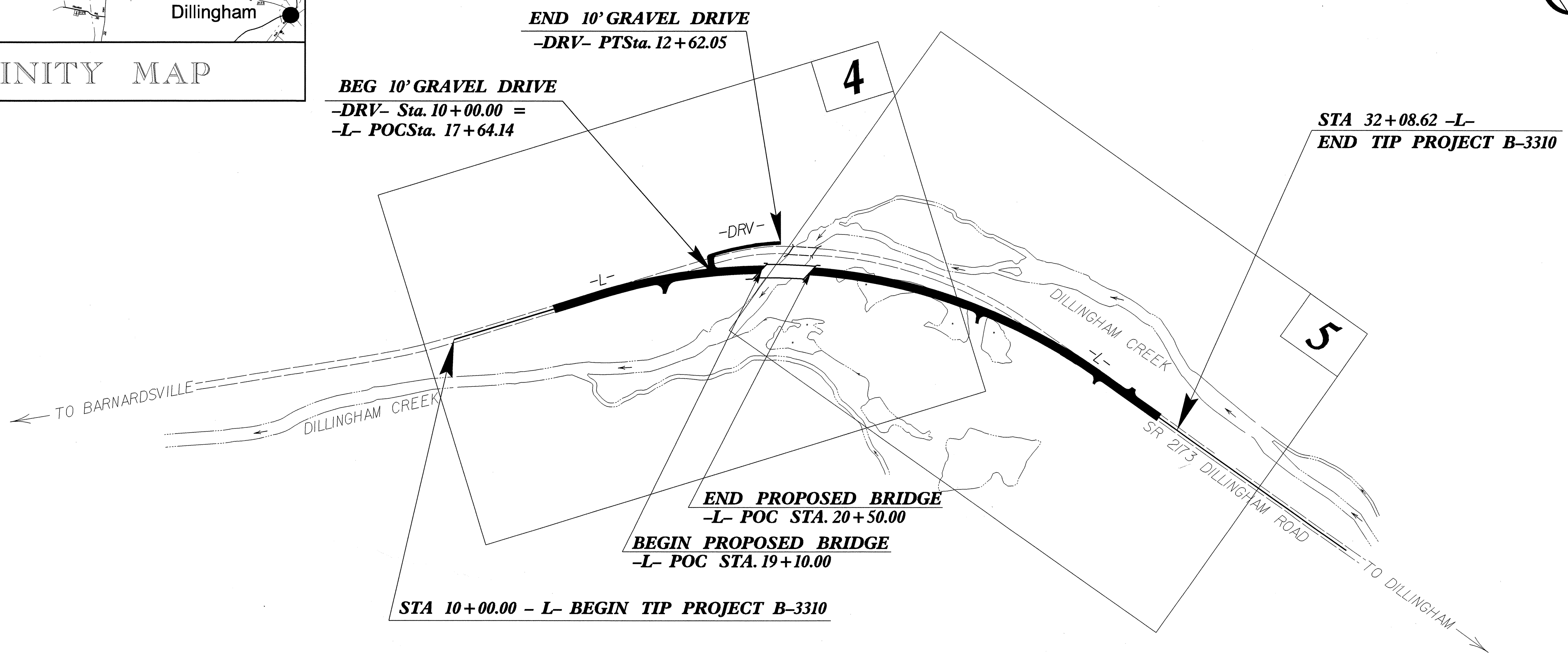
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
BUNCOMBE COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-3310	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
32984.1.1	BRZ-2173 (1)	P.E.	
32984.2.1	BRZ-2173 (1)	RW & UTILITY	
32984.3.2	BRZ-2173 (4)	CONST	

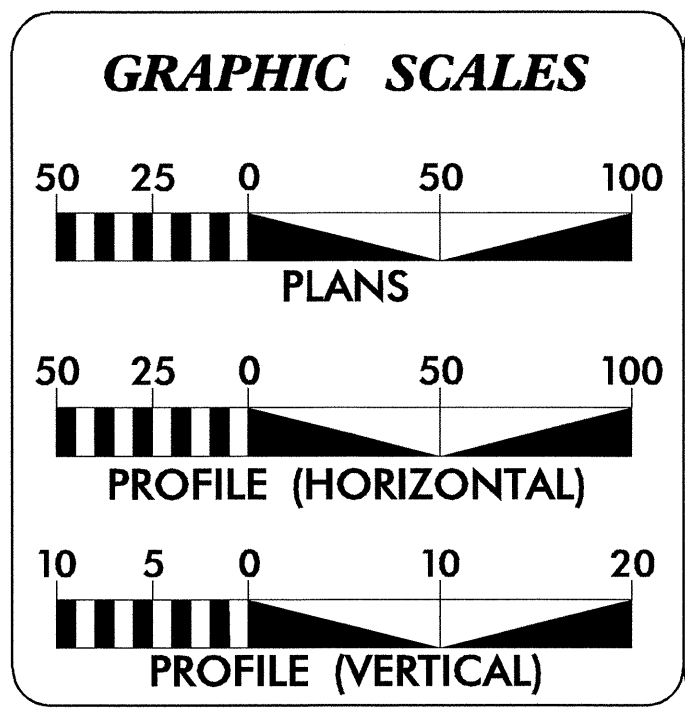


**LOCATION: BRIDGE NO. 145 OVER DILLINGHAM CREEK
ON SR 2173 (DILLINGHAM ROAD)**

TYPE OF WORK: GRADING, DRAINAGE, PAVING AND STRUCTURE



** DESIGN EXCEPTION REQUIRED FOR HORIZONTAL STOPPING SIGHT DISTANCE.



DESIGN DATA

ADT 2004 =	2240
ADT 2024 =	3350
DHV =	15 %
D =	65 %
T =	3 % *
V =	60 MPH **
* TTST 1% + DUAL 2%	

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-3310 =	0.391 MI
LENGTH STRUCTURE TIP PROJECT B-3310 =	0.027 MI
TOTAL LENGTH TIP PROJECT B-3310 =	0.418 MI

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

2002 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
AUGUST 29, 2003

LETTING DATE:
AUGUST 17, 2004

GARY LOVERING, PE
PROJECT ENGINEER

ANTHONY C. WEST
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER
PAUL F. FISHER
SEAL 12575

ROADWAY DESIGN ENGINEER
GARY R. LOVERING
SEAL 25873

SIGNATURE: [Signature] 5/24/04

SIGNATURE: [Signature] 5-25-04

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

STATE DESIGN ENGINEER
ANTHONY C. WEST
DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ADMINISTRATOR

DATE

25-MAY-2004 11:51 AM
R:\Roadway\Projects\B3310\rdy_tsh.dgn