

09/08/99

CONTRACT: C200916 TIP PROJECT: B-3873

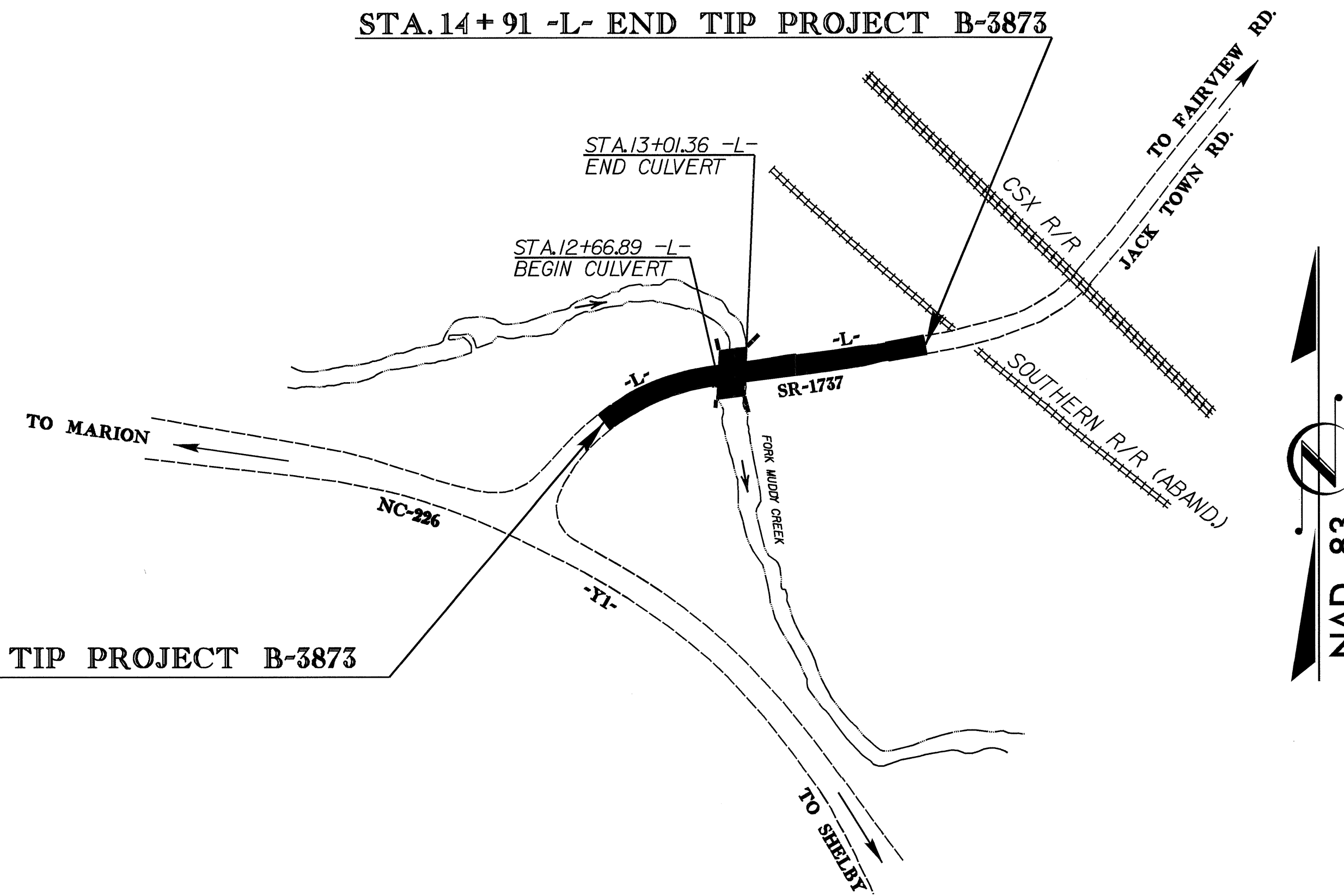
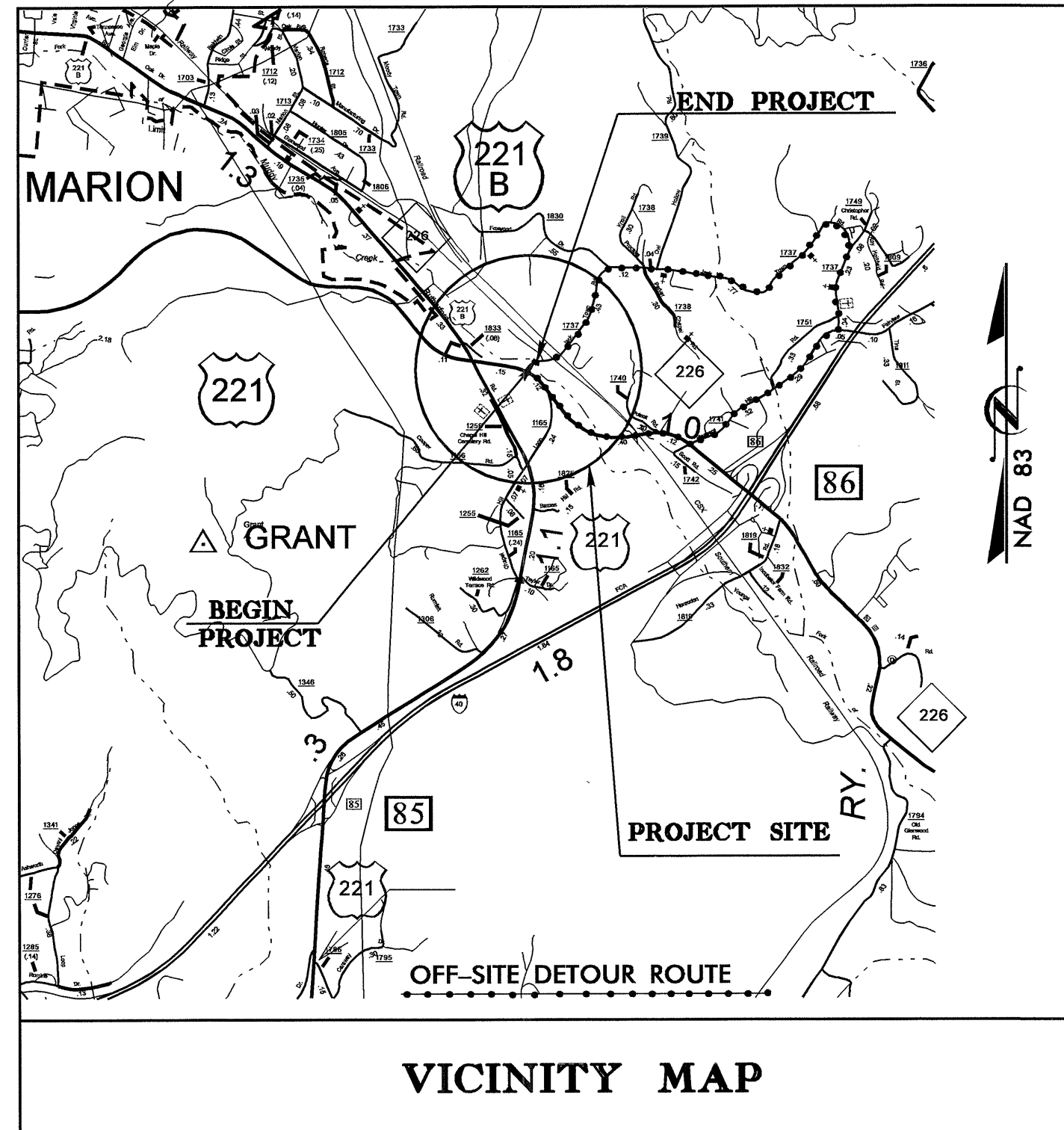
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**MCDOWELL COUNTY**

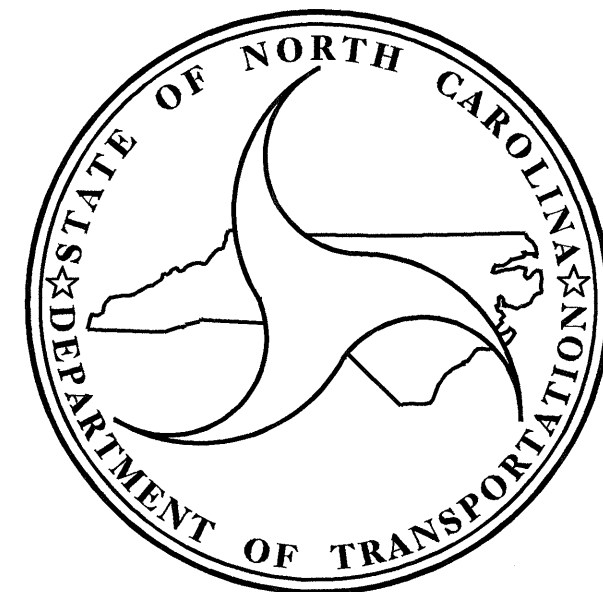
LOCATION: REPLACEMENT OF BRIDGE NO. 183 OVER  
FORK MUDDY CREEK ON SR-1737

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

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-3873		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
33317.1.1	BRZ-1737(5)	PE	
33317.2.1	BRZ-1737(5)	R/W & UTIL	
33317.3.1	BRZ-1737(6)	CONST	



**CULVERT**



**DESIGN DATA**

ADT 2004 = 1,338  
 ADT 2025 = 1,800  
 DHV = 10 %  
 D = 55 %  
 T = 4 % \*  
 \*\* V = 25 MPH  
 \* TTST 3 % DUAL 1 %

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT B-3873 = 0.059 MI  
 LENGTH STRUCTURE TIP PROJECT B-3873 = 0.007 MI  
 TOTAL LENGTH TIP PROJECT B-3873 = 0.066 MI

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

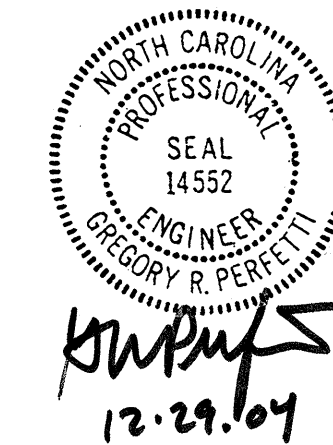
2002 STANDARD SPECIFICATIONS

LETTING DATE:  
**APRIL 19, 2005**

**J. M. BAILEY, PE**  
 PROJECT ENGINEER

**B. D. KLAPPENBACH, PE**  
 PROJECT DESIGN ENGINEER

**STRUCTURE DESIGN UNIT**



**DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA**

STATE DESIGN ENGINEER  
**DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION**

APPROVED  
 DIVISION ADMINISTRATOR DATE

08-DEC-2004 09:50  
 \*\*\*\*\*DCN\*\*\*\*\*  
 \*\*\*\*\*