

**TIP PROJECT: B-5813**

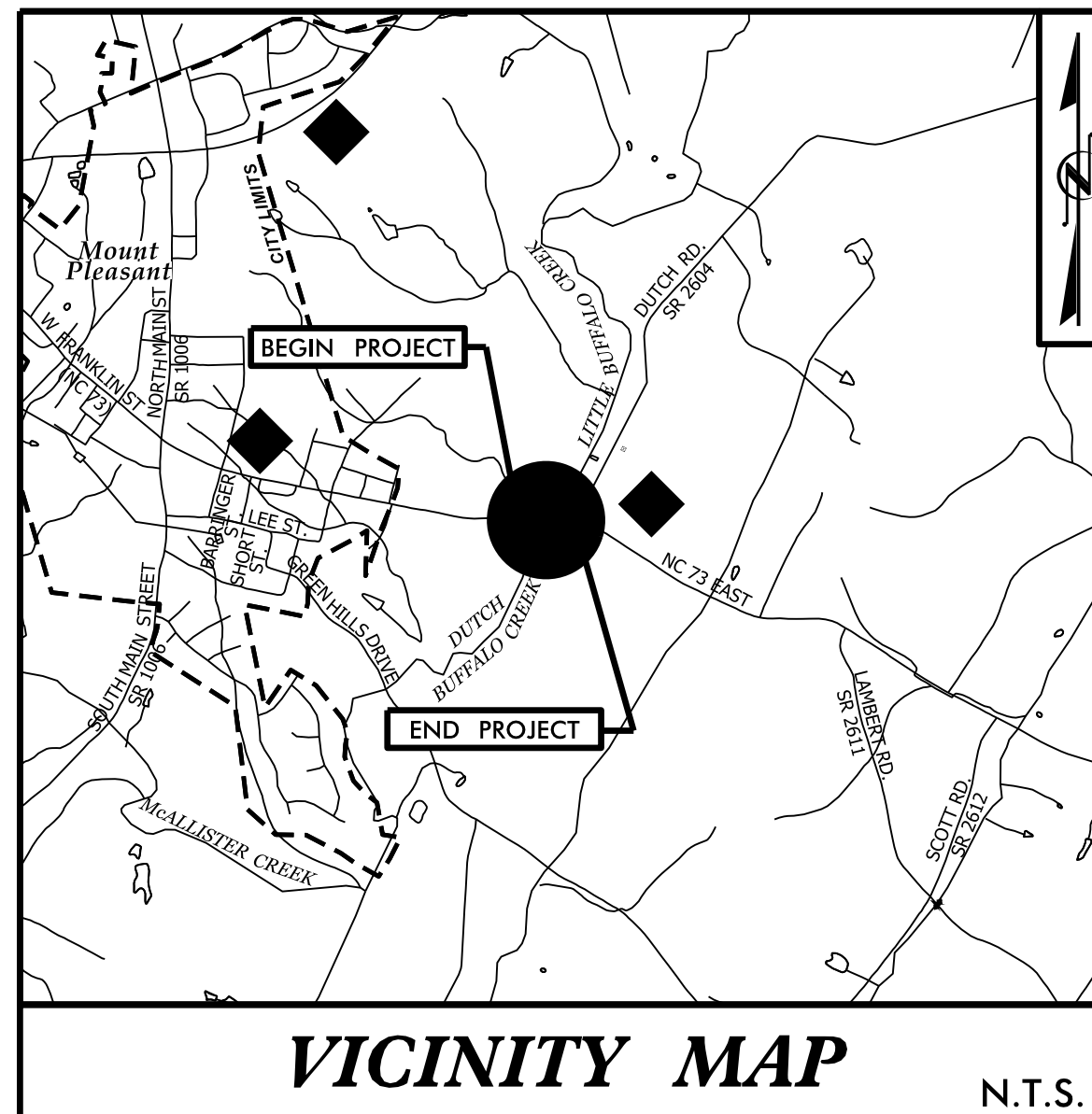
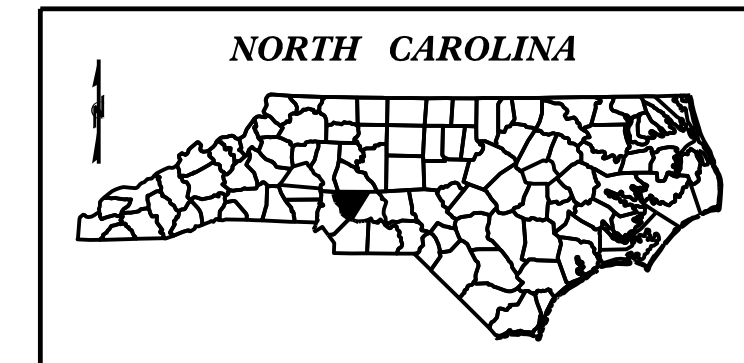
**CONTRACT: C204417**

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

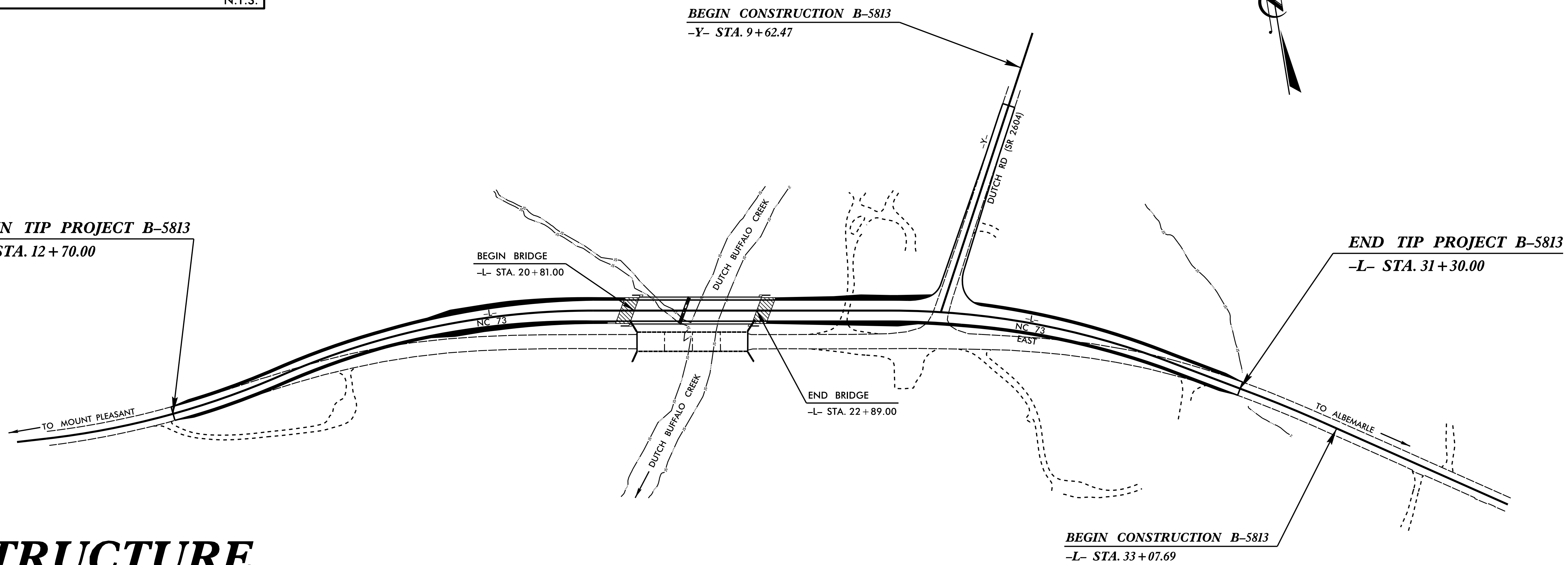
**CABARRUS COUNTY**

**LOCATION: BRIDGE #132 OVER DUTCH BUFFALO CREEK  
ON NC 73**  
**TYPE OF WORK: GRADING, DRAINAGE, PAVING & STRUCTURE**

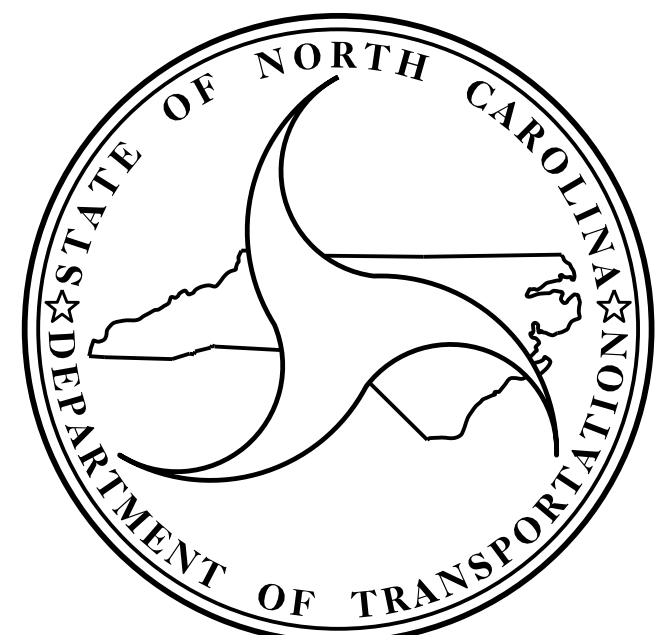
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5813	1	
STATE PROJ. NO.	P.A. PROJ. NO.	DESCRIPTION	
45767.1.1	-	P.E.	
45767.2.1	-	ROW/UTILITIES	
45767.3.1	-	CONST.	



**BEGIN TIP PROJECT B-5813**  
-L- STA. 12 + 70.00



**STRUCTURE**



**DESIGN DATA**  
ADT 2020 = 8,600  
ADT 2040 = 10,800  
K = 12%  
D = 60%  
T = 5%\*  
V = 60 MPH  
FUNC. CLASSIFICATION:  
MAJOR COLLECTOR  
\* (TTST 1% + DUALS 4%)  
REGIONAL TIER

**PROJECT LENGTH**

LENGTH OF ROADWAY TIP PROJECT B-5813 = 0.313 MILES  
LENGTH OF STRUCTURE TIP PROJECT B-5813 = 0.039 MILES  
TOTAL LENGTH OF TIP PROJECT B-5813 = 0.352 MILES

Prepared in the Office of:  
**DIVISION OF HIGHWAYS**  
STRUCTURES MANAGEMENT UNIT  
1000 BIRCH RIDGE DR.  
RALEIGH, N.C. 27610

2018 STANDARD SPECIFICATIONS

LETTING DATE : JANUARY 18, 2022

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PROJECT ENGINEER

**ADAM A. COLE, P.E.**  
PROJECT DESIGN ENGINEER