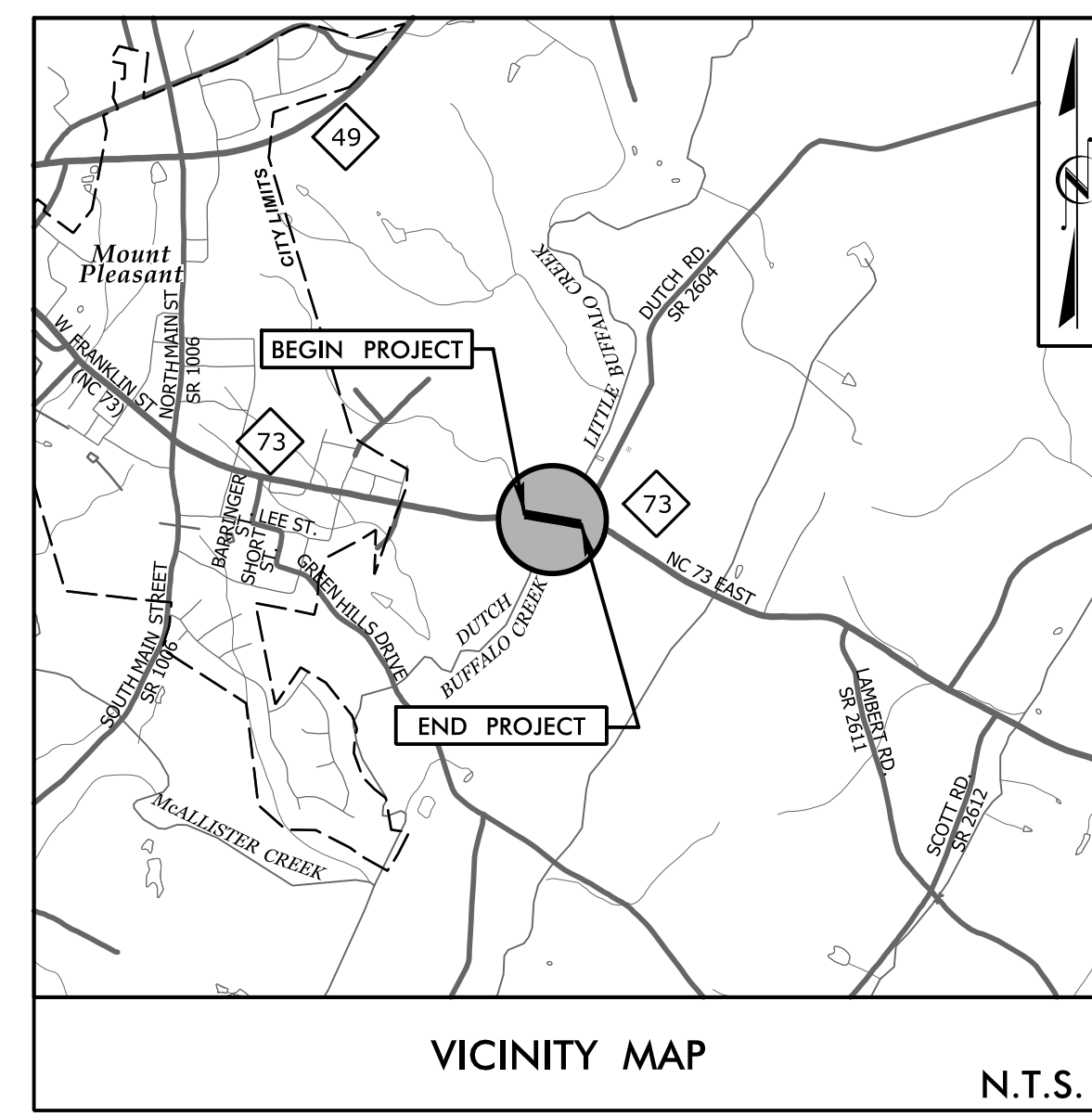


TIP PROJECT: B-5813

CONTRACT: C204417

See Sheet 1A For Index of Sheets
See Sheet 1B For Standard Symbology Sheet

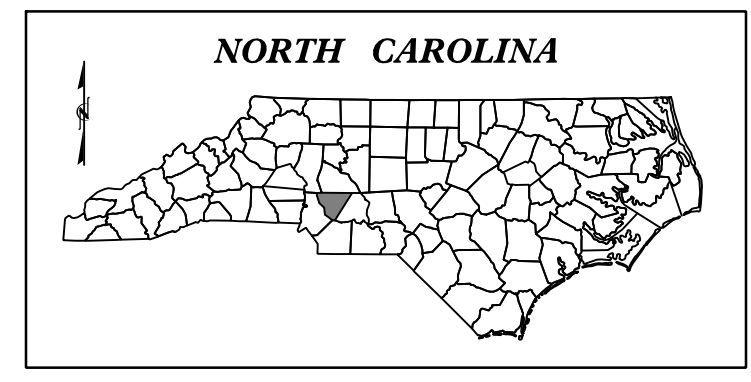


DESIGN EXCEPTION REQUIRED FOR SAG AND CREST FOR K FACTORS AND ASSOCIATED NIGHTTIME SSD FOR -Y- (SR 2604 DUTCH ROAD)

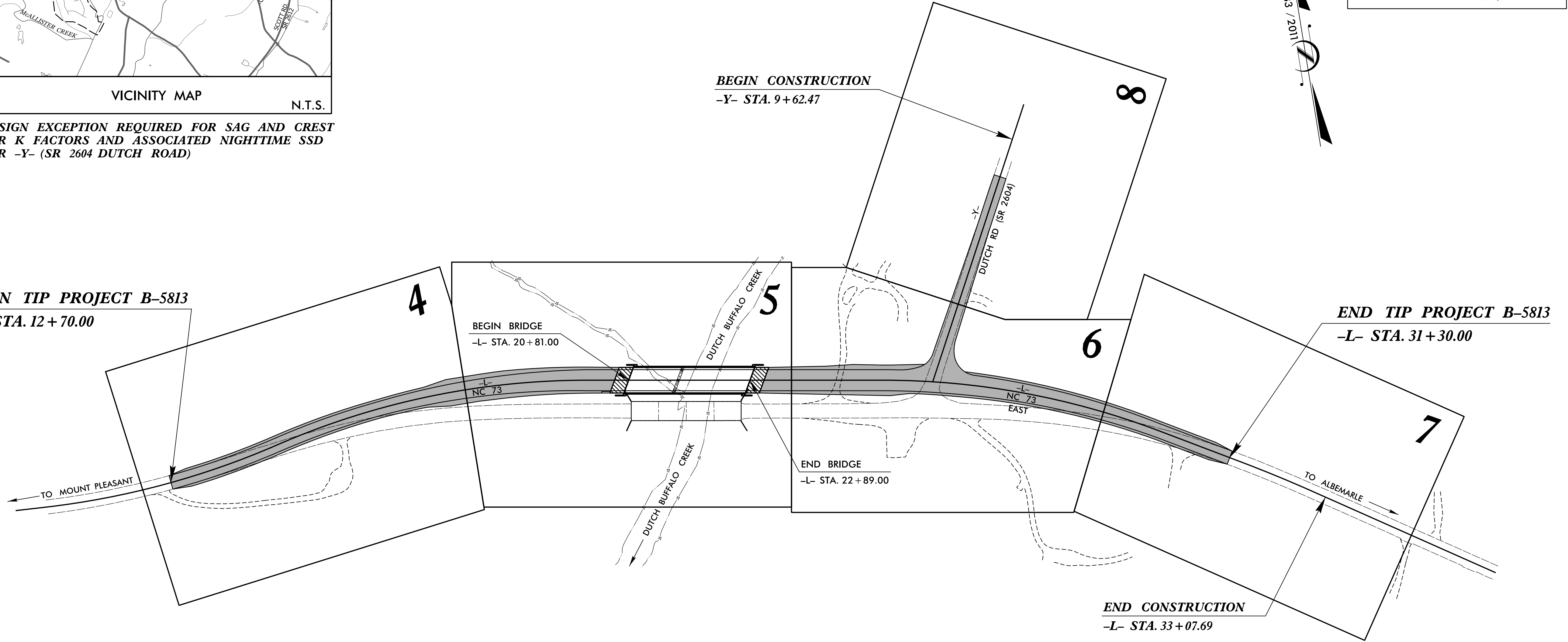
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
CABARRUS COUNTY

**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.	F.A. PROJ. NO.	DESCRIPTION	
45767.1.1		P.E.	
45767.2.1		ROW / UTILITIES	
45767.3.1		CONSTRUCTION	



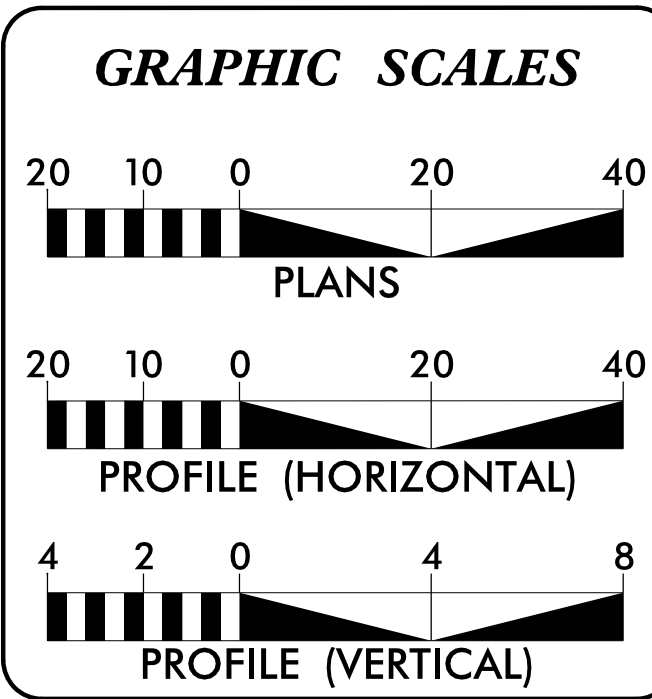
BEGIN TIP PROJECT B-5813
-L- STA. 12+70.00



END TIP PROJECT B-5813
-L- STA. 31+30.00

END CONSTRUCTION
-L- STA. 33+07.69

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



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

NCDOT CONTACT: KEITH PASCHAL, PE
Structure Management Unit

PLANS PREPARED FOR THE NCDOT BY:

STV 100 Years
STV Engineers, Inc.
900 West Trade St., Suite 715
Charlotte, NC 28202
NC License Number F-0991

2018 STANDARD SPECIFICATIONS	
RIGHT OF WAY DATE: OCTOBER 14, 2019	NIKKI T. HONEYCUTT, PE PROJECT ENGINEER
LETTING DATE: JANUARY 18, 2022	MAAMOON K. ABDELAZIZ PROJECT DESIGNER

HYDRAULICS ENGINEER

DocuSigned by:
Edward J. Vance
EDWARD J. VANCE, P.E.

ROADWAY DESIGN ENGINEER

DocuSigned by:
Nikki T. Honeycutt
NIKKI T. HONEYCUTT, P.E.

