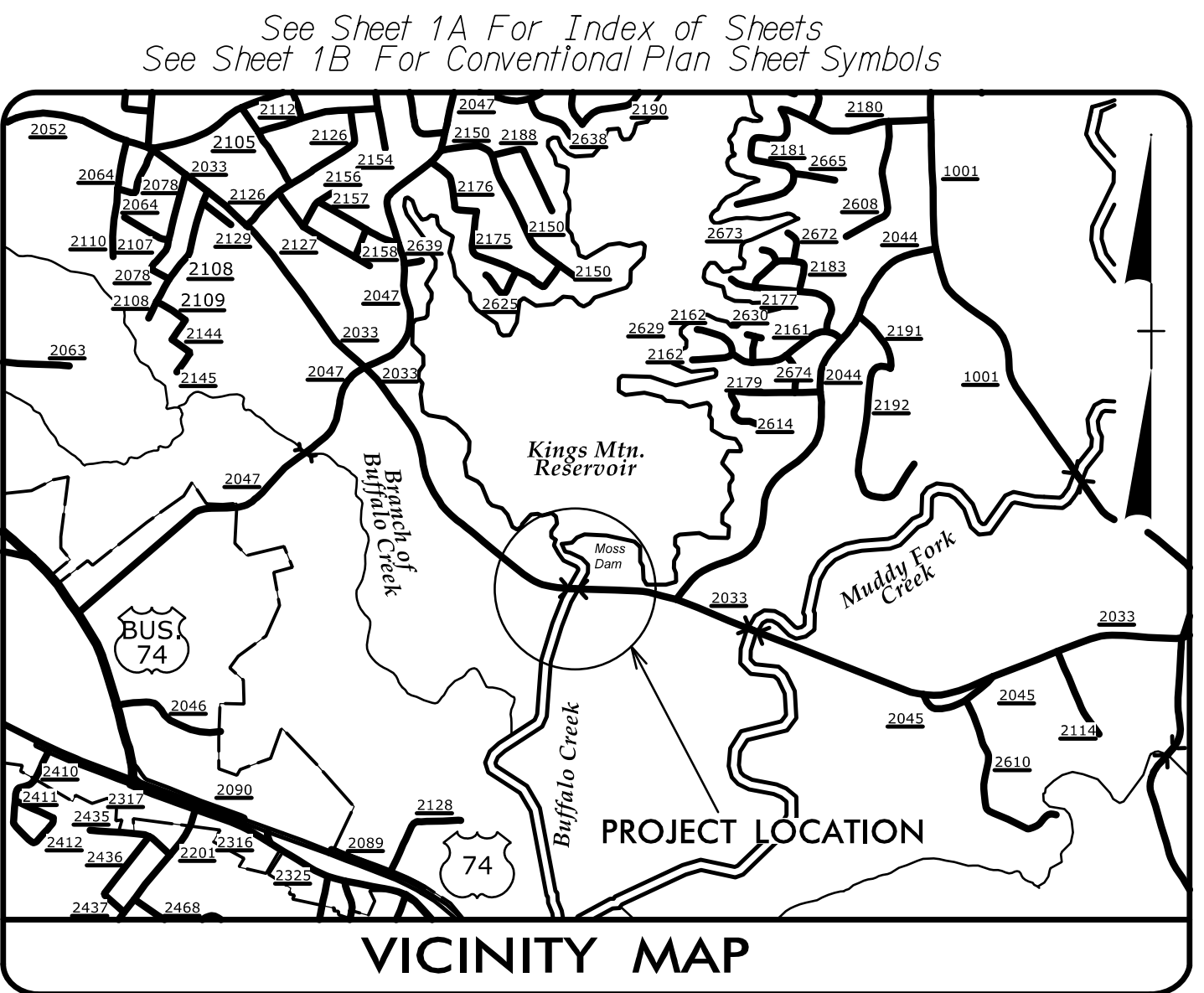


09_08/2011

TIP PROJECT: B-5845

CONTRACT: C204938



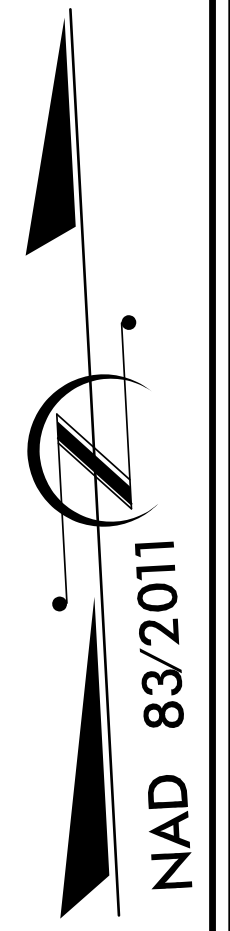
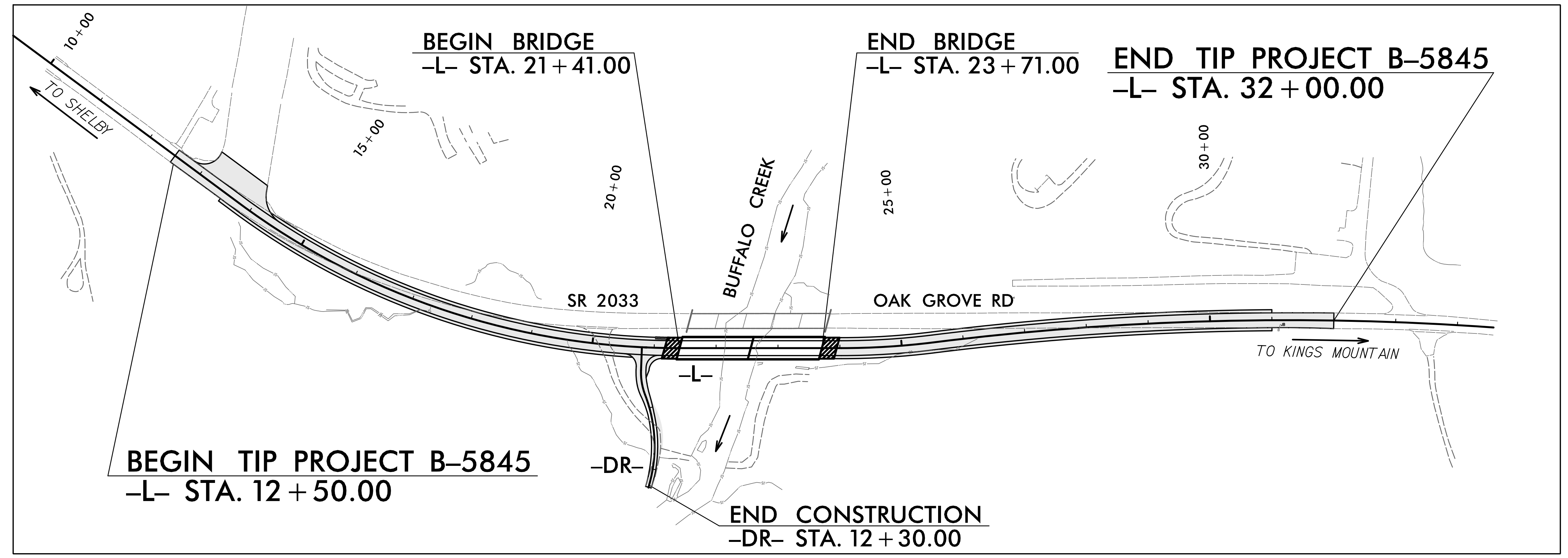
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CLEVELAND COUNTY

**LOCATION: BRIDGE #220025 ON SR 2033 (OAK GROVE RD.)
OVER BUFFALO CREEK**

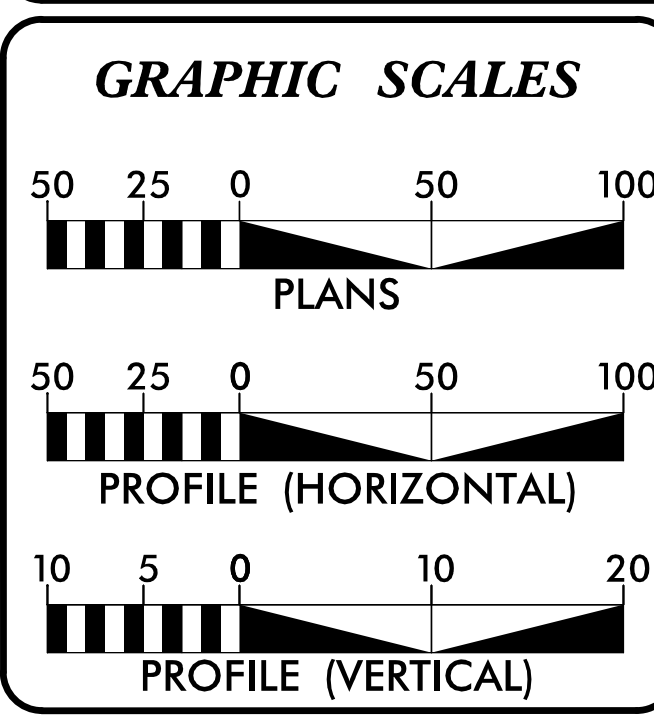
TYPE OF WORK: GRADING, PAVING, DRAINAGE, & STRUCTURE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5845	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
45798.1.1	N/A	PE	
45798.2.1	N/A	ROW	
45798.2.2	N/A	UTIL.	
45798.3.1	N/A	CONST.	



A DESIGN EXCEPTION WILL BE REQUIRED FOR SAG VERTICAL CURVE K, AND VERTICAL SSD

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



DESIGN DATA

ADT 2024 =	7,100
ADT 2045 =	8,000
K =	9 %
D =	55 %
T =	6 % *
V =	60 MPH
* TTST = 2% DUAL = 4%	
FUNC CLASS =	
RURAL COLLECTOR	
REGIONAL TIER	

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-5845	=	0.325 MILES
LENGTH STRUCTURE TIP PROJECT B-5845	=	0.044 MILES
TOTAL LENGTH TIP PROJECT B-5845	=	0.369 MILES

NCDOT CONTACT: JOSH WHITE, PE, PLS

PLANS PREPARED BY: TGS ENGINEERS 201 W. MARION ST SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	PLANS PREPARED FOR: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION 12 1710 E. MARION ST SHELBY, NC 28150
RIGHT OF WAY DATE: MARCH 22, 2022	JIMMY L. TERRY, PE PROJECT ENGINEER
LETTING DATE: MARCH 18, 2025	AUSTIN R. TURNER, PE PROJECT DESIGN ENGINEER
2024 STANDARD SPECIFICATIONS	

HYDRAULICS ENGINEER

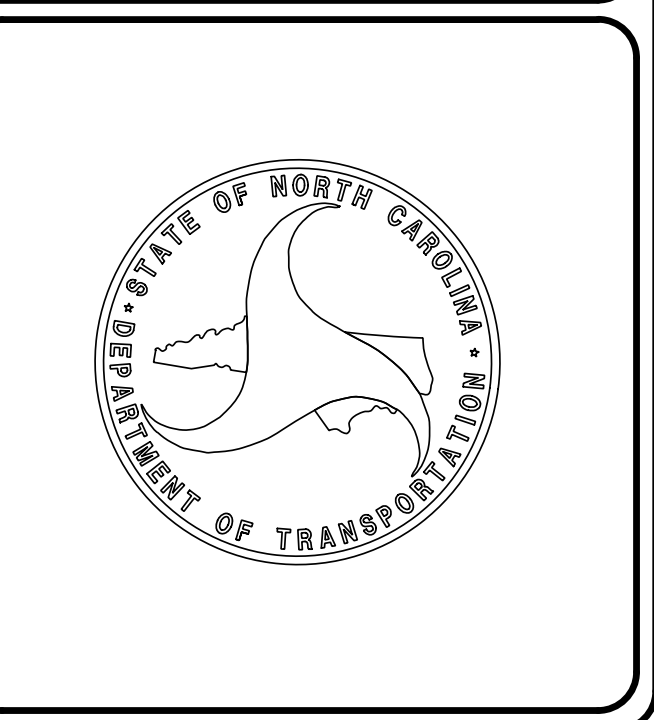
12/19/2024

Signed by: *David B. Petty* P.E.
SIGNATURE: _____

ROADWAY DESIGN ENGINEER

12/19/2024

Signed by: *Jimmy L. Terry* P.E.
SIGNATURE: _____



12/19/2024
X:\NCDOT\B-5845 - Cleveland 25\Roadway\Proj\B-5845_Rdy_tsh.dgn
User:cpurgett