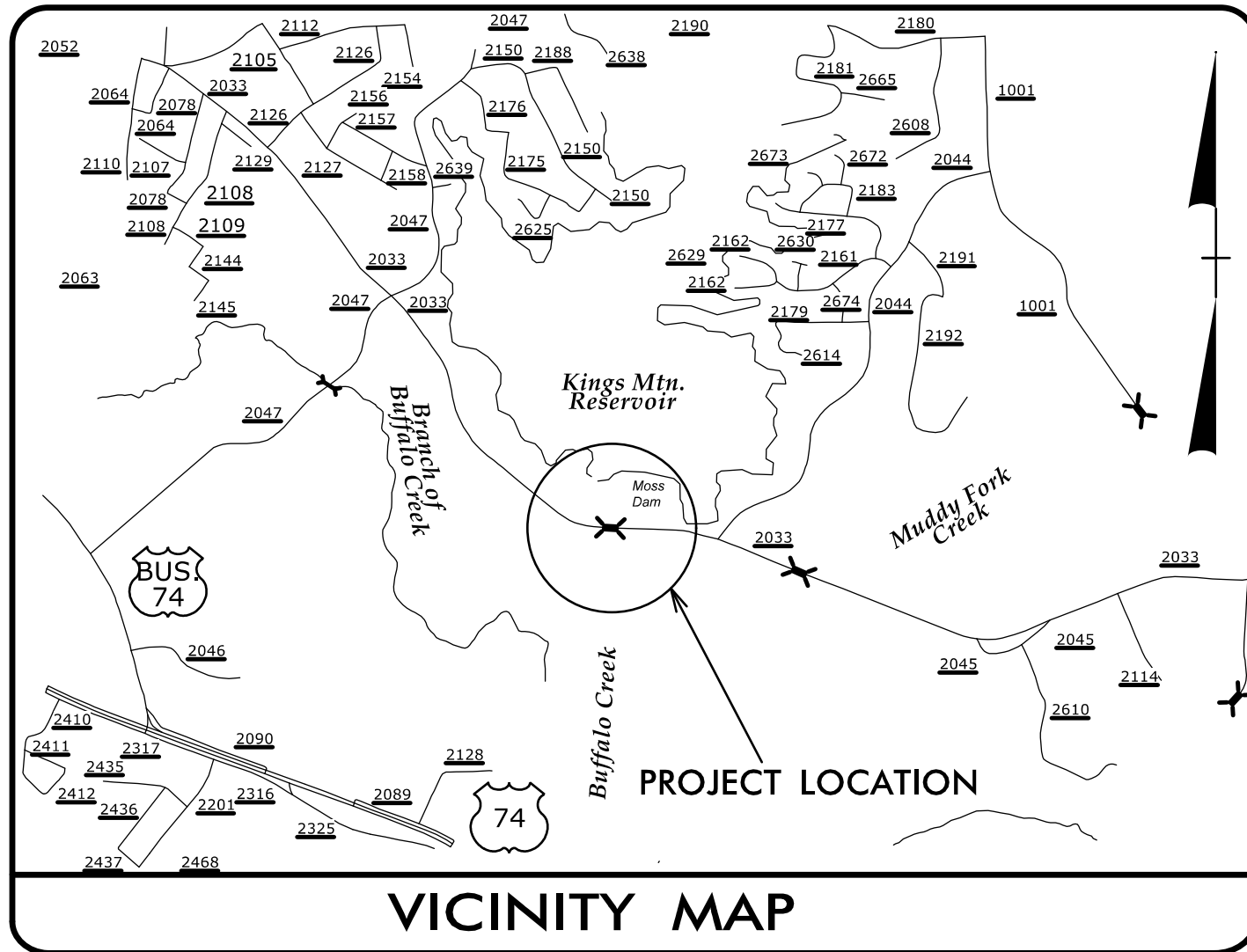


TIP PROJECT: B-5845

CONTRACT: C204938

STRUCTURE

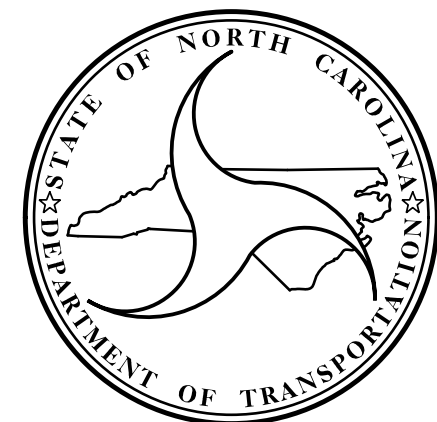
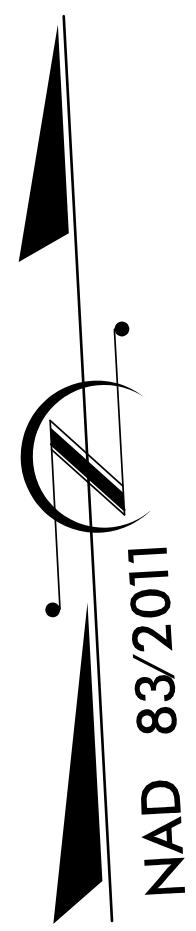
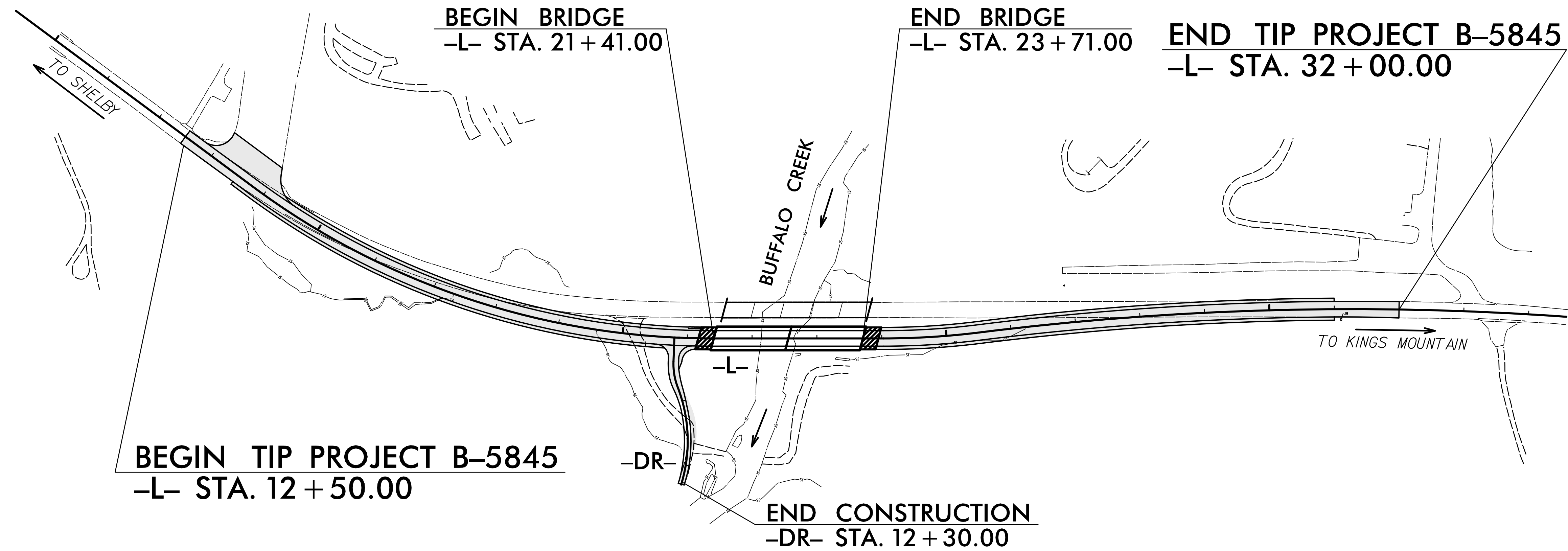


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
CLEVELAND COUNTY

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

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

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5845		
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.	
45798.4.1	N/A	MIT	



DESIGN DATA

ADT 2024 =	7,100
ADT 2040 =	7,800
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

NC DOT CONTACT: JOSHUA WHITE, PE	
PLANS PREPARED BY: TGS ENGINEERS 201 W. MARION ST STE 200 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
LETTING DATE: MARCH 18, 2025	MARC G. CHEEK, PE STRUCTURES DESIGN ENGINEER
<small>2024 STANDARD SPECIFICATIONS</small>	

STRUCTURES ENGINEER

