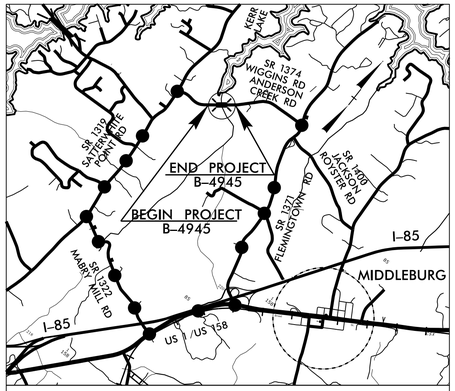
09/08/99

TIP PROJECT: B–4945

CONTRACT: C203920

See Sheet 1A For Index of Sheets



VICINITY MAP

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

VANCE COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B–4945	1	

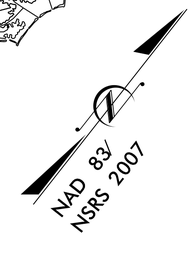
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
39971.1.1	BRZ–1374(1)	P.E.
39971.2.1	N/A	R/W, UTL
39971.3.1	N/A	CONST

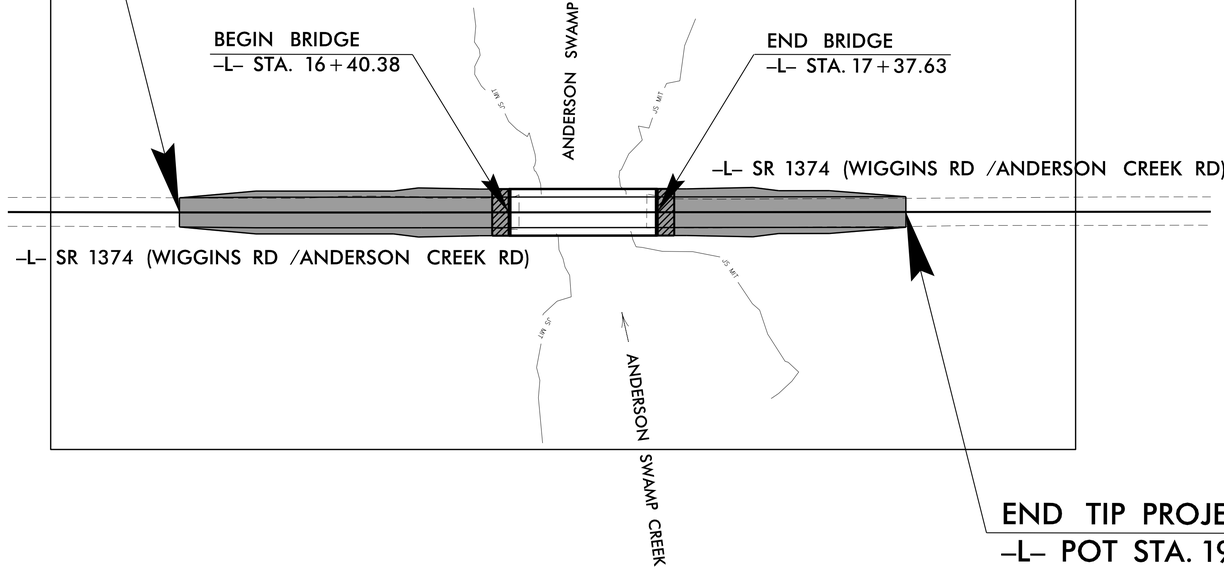
LOCATION: *BRIDGE NO. 36 OVER ANDERSON SWAMP CREEK/JOHN H. KERR RESERVOIR ON SR 1374 (WIGGINS RD/ANDERSON CREEK RD)*

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

BEGIN TIP PROJECT B–4945
–L– POC STA. 14+25.00

4





END TIP PROJECT B–4945
–L– POT STA. 19+00.00

DocuSigned by:
Wm. H. Elam, Jr.
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9/13/2016 9/13/2016

GRAPHIC SCALES

50 25 0 50 100
PLANS

50 25 0 50 100
PROFILE (HORIZONTAL)

10 5 0 10 20
PROFILE (VERTICAL)

DESIGN DATA

ADT 2016 = 753
ADT 2036 = 1014
K = 10 %
D = 55 %
T = 13 % *
V = 40 MPH
* TTST = 4% DUAL 9%
FUNC CLASS =
MINOR COLLECTOR
SUB-REGIONAL TIER

PROJECT LENGTH

LENGTH OF ROADWAY TIP PROJECT B–4945 = 0.072 MILE

LENGTH OF STRUCTURE TIP PROJECT B–4945 = 0.018 MILE

TOTAL LENGTH OF TIP PROJECT B–4945 = 0.090 MILE

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

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
JUNE 29, 2016

LETTING DATE:
OCTOBER 18, 2016

TONY HOUSER, PE
PROJECT ENGINEER

BRUCE B. PAYNE, PE
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 019721 ENGINEER WILLIAM H. ELAM

DocuSigned by:
Wm. H. Elam, Jr. 9/13/2016
SIGNATURE

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 22610 ENGINEER BRUCE B. PAYNE, JR.

DocuSigned by:
Bruce Payne 9/13/2016
SIGNATURE

STATE OF NORTH CAROLINA • DEPARTMENT OF TRANSPORTATION •

13-SEP-2016 10:41
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$$$$USERNAME$$$$