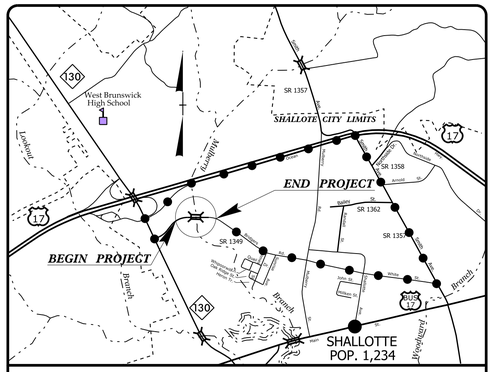
09/08/99

TIP PROJECT: B–4440

CONTRACT: C203770

See Sheet 1A For Index of Sheets
See Sheet 1B For Conventional Symbols



VICINITY MAP

(NOT TO SCALE)

OFF–SITE DETOUR

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

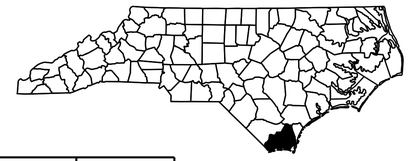
BRUNSWICK COUNTY

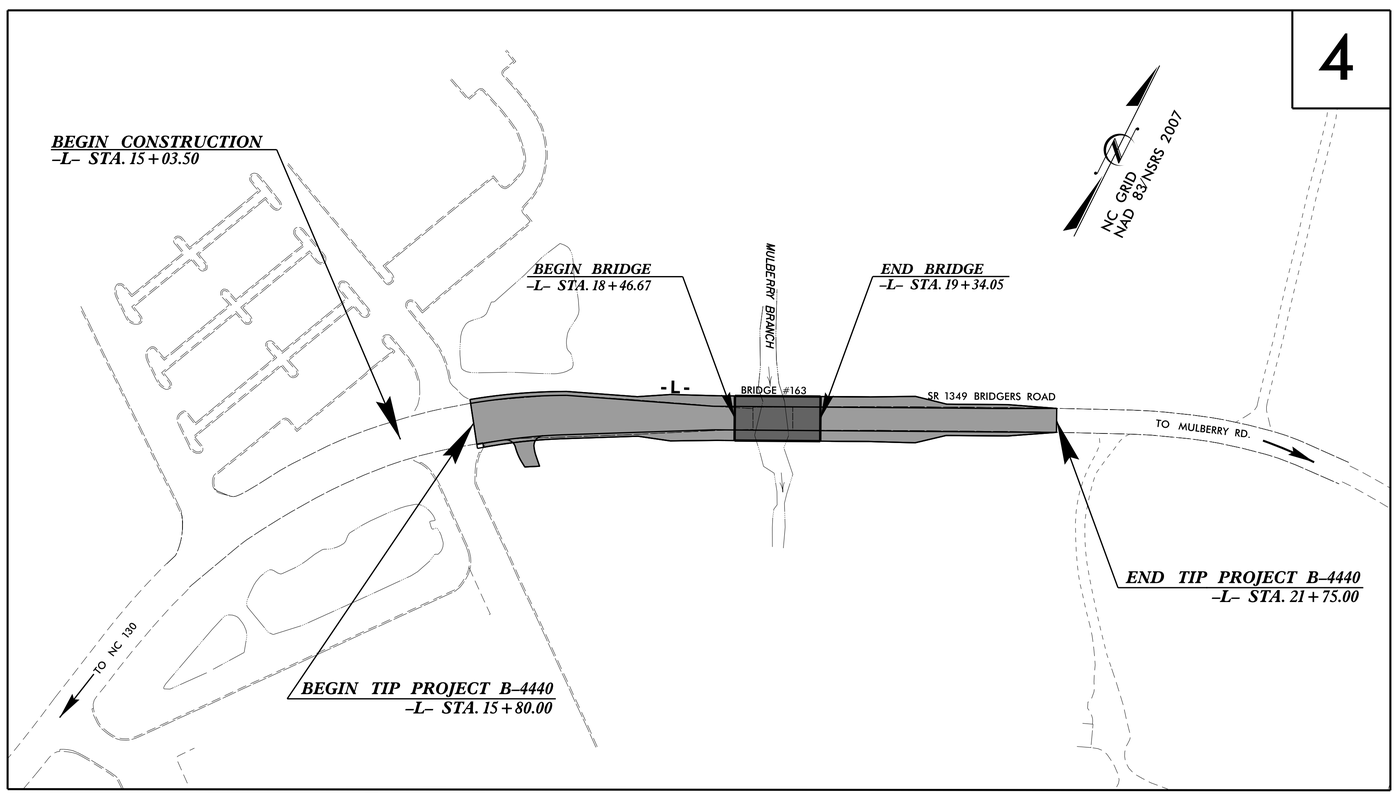
LOCATION: REPLACE BRIDGE NO. 163 OVER MULBERRY BRANCH ON SR 1349

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

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B–4440	1	

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
38367.1.1	BRZ–1349(1)	P.E.
38367.2.FD1	BRZ–1349(1)	RW & UTIL.
38367.3.FD1	BRZ–1349(1)	CONST.





DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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 = 3,792
ADT 2036 = 6,432
K = 11 %
D = 55 %
T = 7 % *
V = 40 MPH
*(TTST 1% + DUAL 6%)
FUNC CLASS = RURAL LOCAL
SUB–REGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B–4440 = 0.096 MI

LENGTH STRUCTURE TIP PROJECT B–4440 = 0.017 MI

TOTAL LENGTH OF TIP PROJECT B–4440 = 0.113 MI

Prepared in the Office of:

DIVISION OF HIGHWAYS

1000 Birch Ridge Dr., Raleigh, NC 27610

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
FEBRUARY 19, 2015

LETTING DATE:
AUGUST 16, 2016

GARY LOVERING, PE
PROJECT ENGINEER

HYDRAULICS ENGINEER

DocuSigned by: Craig A. Freeman Jr. DBC12B13D3EE4F8...

NORTH CAROLINA PROFESSIONAL SEAL 039785 ENGINEER CRAIG A. Freeman JR

P.E. 6/14/2016

SIGNATURE:

ROADWAY DESIGN ENGINEER

DocuSigned by: Gary Lovering DFD76F34A6BD425...

NORTH CAROLINA PROFESSIONAL SEAL 025873 ENGINEER GARY R. LOVERING

P.E. 6/14/2016

SIGNATURE:

STATE OF NORTH CAROLINA • DEPARTMENT OF TRANSPORTATION •

24-MAY-2016 09:34
R:\Roadway\Proj\B-4440_Rdy_tsh.dgn
$$$$USERNAME$$$$