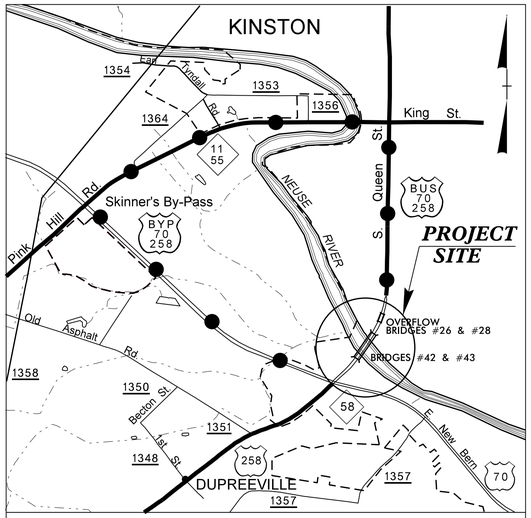
09/08/99

TIP PROJECT: B-4565

CONTRACT: C203533

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



VICINITY MAP

DENOTES OFFSITE DETOUR

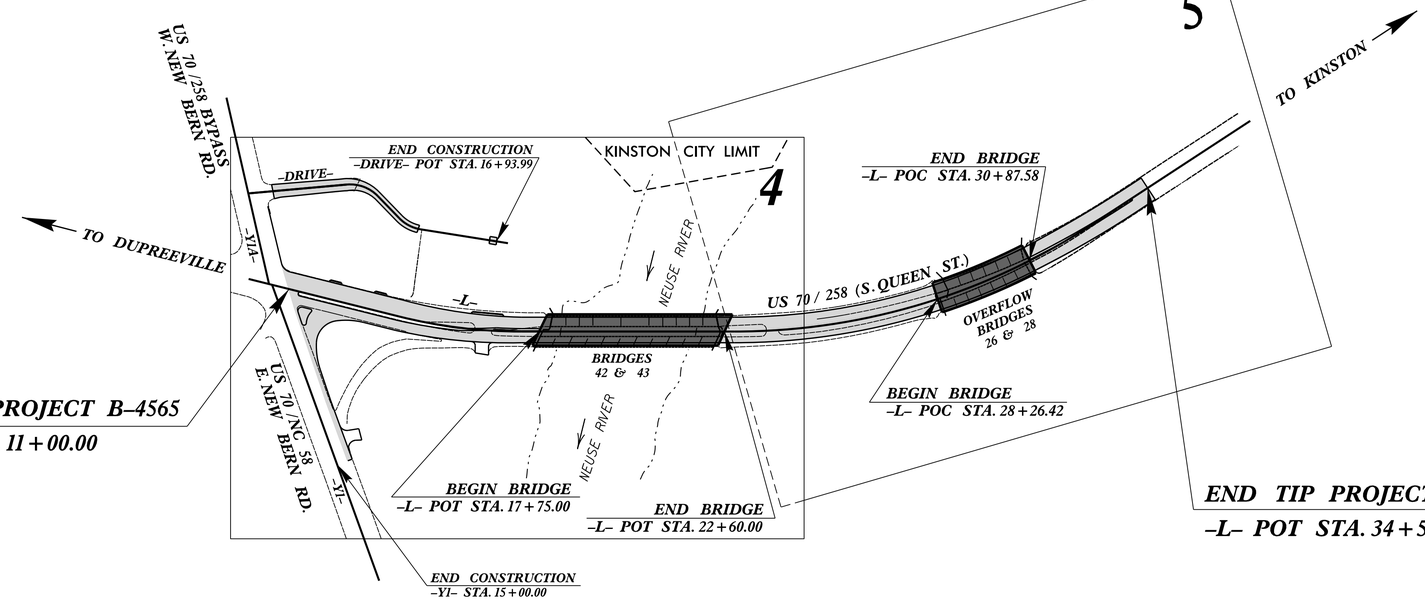
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

LENOIR COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-4565	1	

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
33773.1.1	BRSTP-070B(5)	P.E.
33773.2.1	BRSTP-070B(5)	R/W /UTILITY
33773.3.FR2	BRSTP-070B(5)	CONST.

LOCATION: BRIDGES 42 & 43 OVER THE NEUSE RIVER;
BRIDGES 26 & 28 OVER THE NEUSE RIVER OVERFLOW ON
US 70 /US 258 BUSINESS (SOUTH QUEEN STREET)
TYPE OF WORK: GRADING, DRAINAGE, PAVING, STRUCTURES AND SIGNALS



* DESIGN EXCEPTION REQUIRED FOR SUPERELEVATION

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 2015 = 21,600
ADT 2035 = 44,000
K = 9 %
D = 65 %
T = 7 % *
V = 40 MPH

* TTST 4% DUAL 3%
FUNC CLASS = URBAN ARTERIAL

STATEWIDE TIER

PROJECT LENGTH

LENGTH OF ROADWAY TIP PROJECT B-4565	=	0.304 MILES
LENGTH OF STRUCTURES TIP PROJECT B-4565	=	0.141 MILES
TOTAL LENGTH OF TIP PROJECT B-4565	=	0.445 MILES

Prepared in the Office of:

DIVISION OF HIGHWAYS

1000 Birch Ridge Dr., Raleigh, NC 27610

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
APRIL 18, 2014

LETTING DATE:
JANUARY 20, 2015

GARY LOVERING, PE
PROJECT ENGINEER

CHRISTOPHER H. LEE
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 032581 ENGINEER BROOK E. ANDERSON

DocuSigned by: Brook Anderson P.E.
SIGNATURE: 11/12/2014

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 025873 ENGINEER GARY R. LOVERING

DocuSigned by: Gary Lovering P.E.
SIGNATURE: 11/14/2014

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

05-NOV-2014 13:20
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$$$$USERNAME$$$$