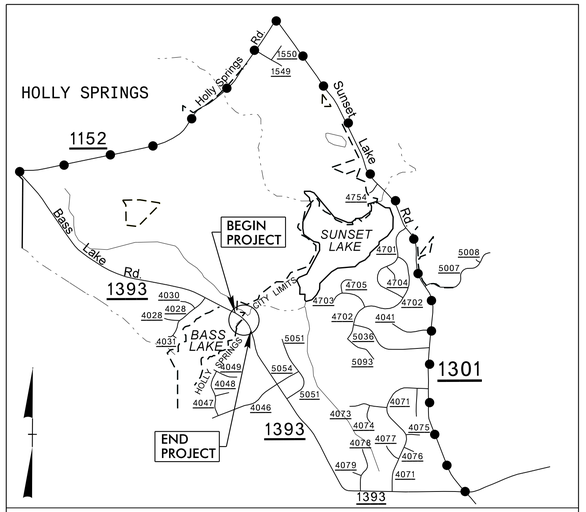
09/08/99

TIP PROJECT: B-4659

CONTRACT: C203551

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



VICINITY MAP

OFF-SITE DETOUR

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

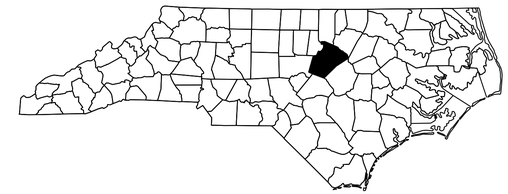
WAKE COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-4659	1	

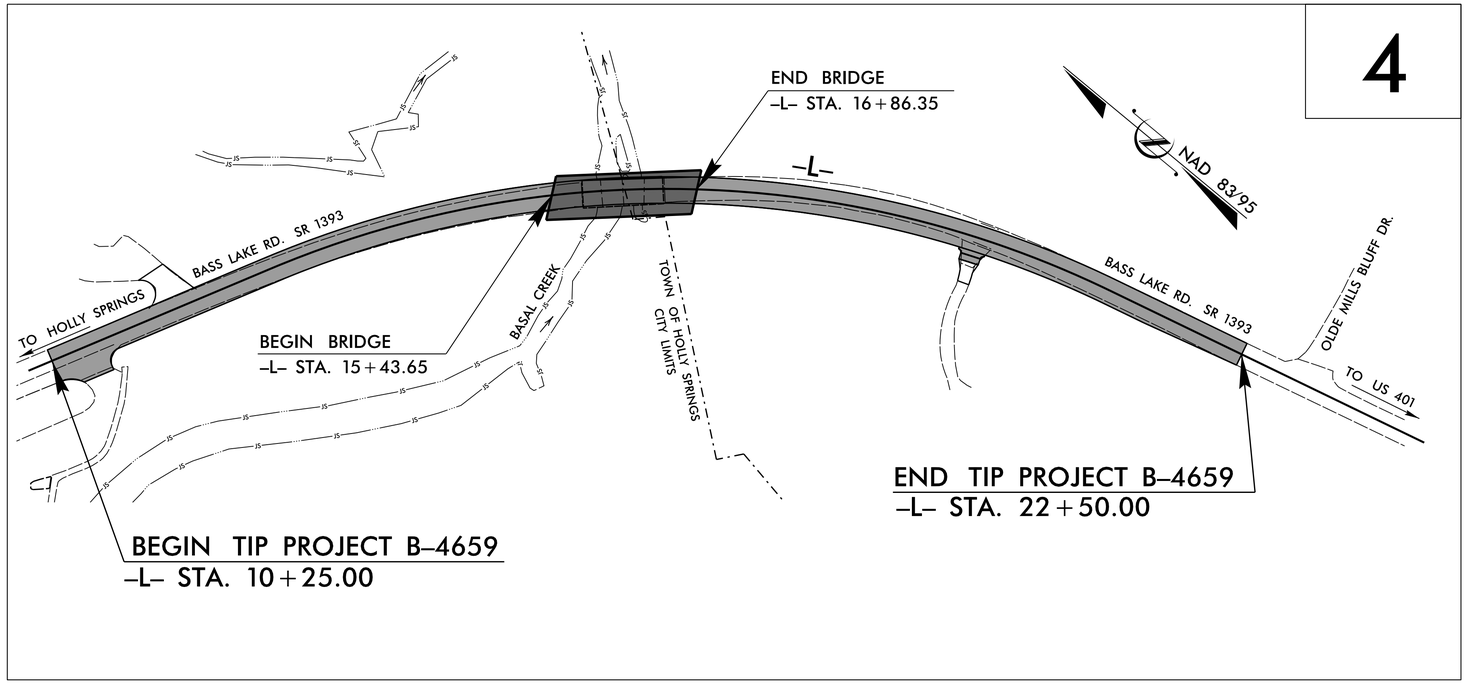
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
38456.1.1	BRZ-1393(3)	P.E.
38456.2.FDU1	BRZ-1393(3)	UTIL.
38456.2.FD1	BRZ-1393(3)	R/W
38456.3.FD1	BRZ-1393(3)	CONST.

LOCATION: BRIDGE NO. 373 OVER BASAL CREEK ON SR 1393 (BASS LAKE RD.)

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



4



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 = 6,540 VPD
ADT 2035 = 10,220 VPD
DHV = 10 %
D = 60 %
*T = 4 %
V = 40 MPH
*(TTST 1% + DUAL 3%)
FUNC. CLASS. = URBAN COLLECTOR
SUBREGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-4659 = 0.205 MILE
LENGTH STRUCTURE TIP PROJECT B-4659 = 0.027 MILE
TOTAL LENGTH TIP PROJECT B-4659 = 0.232 MILE

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

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
MARCH 31, 2014

LETTING DATE:
MARCH 17, 2015

TONY HOUSER, PE
PROJECT ENGINEER

JEFFREY L. TEAGUE, PE
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER
12/17/2014
DocuSigned by:
Anne Gambler
SIGNATURE:
NORTH CAROLINA PROFESSIONAL SEAL 023454 ENGINEER ANNE D. GAMBLER

ROADWAY DESIGN ENGINEER
12/16/2014
DocuSigned by:
Jeffrey L. Teague
SIGNATURE:
NORTH CAROLINA PROFESSIONAL SEAL 033298 ENGINEER JEFFREY L. TEAGUE

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

05-DEC-2014 11:56
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$$$$USERNAME$$$$