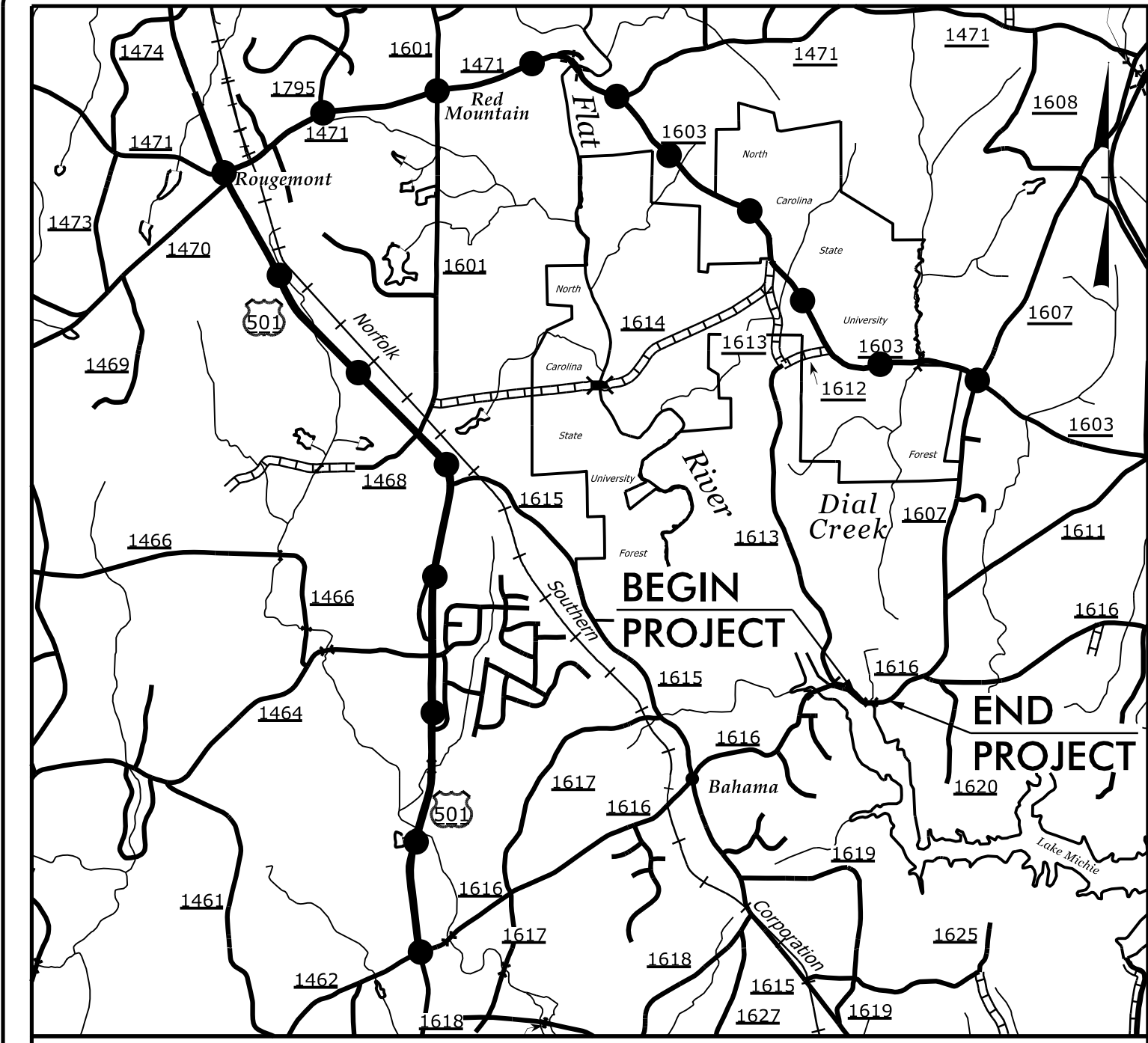


09_08/199

T.I.P PROJECT: B-4943

CONTRACT: C203987



VICINITY MAP
 OFF-SITE DETOUR

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

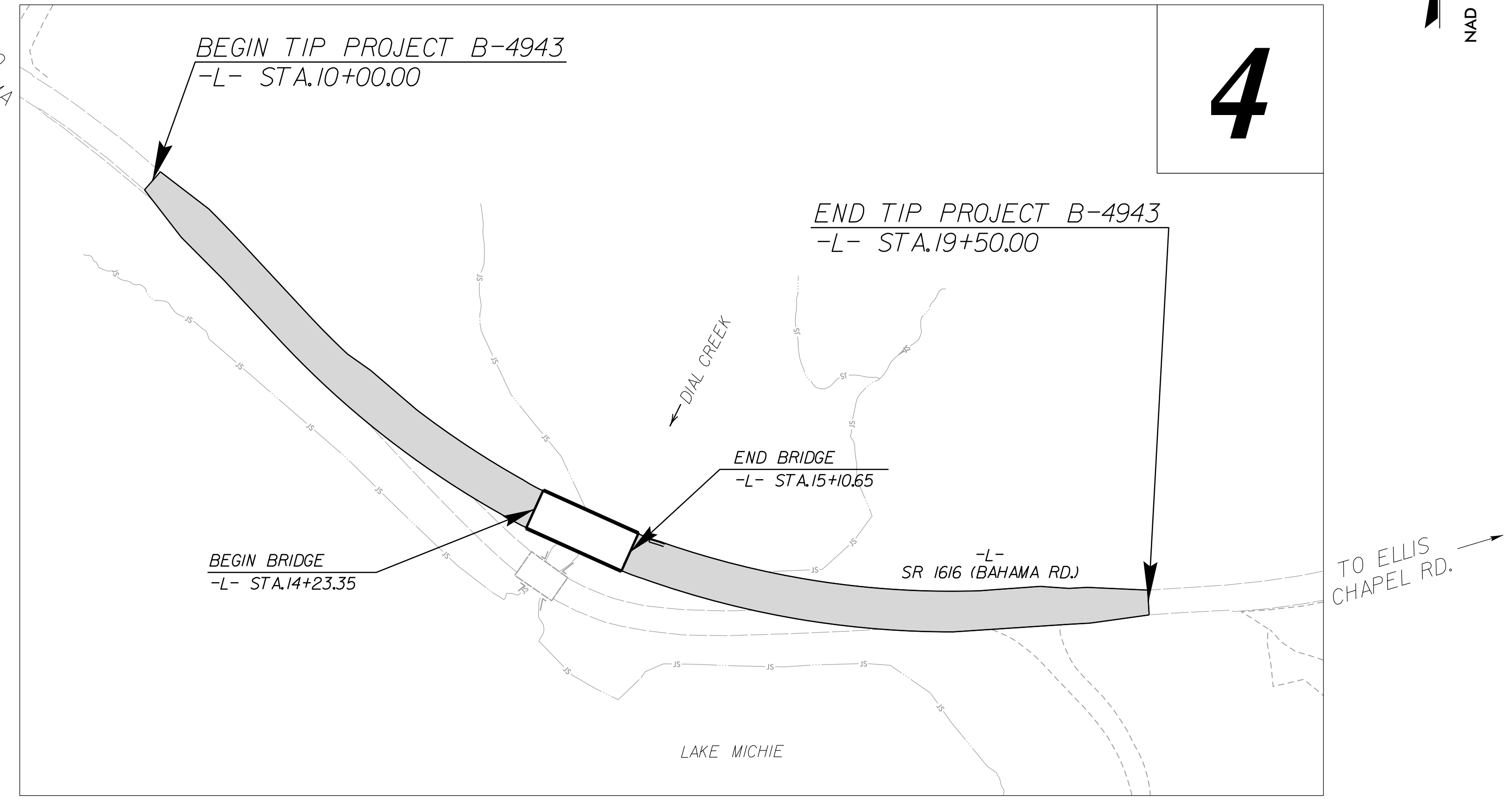
STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

DURHAM COUNTY

**LOCATION: BRIDGE NO. 20 OVER DIAL CREEK
 ON SR 1616 (BAHAMA RD.)**

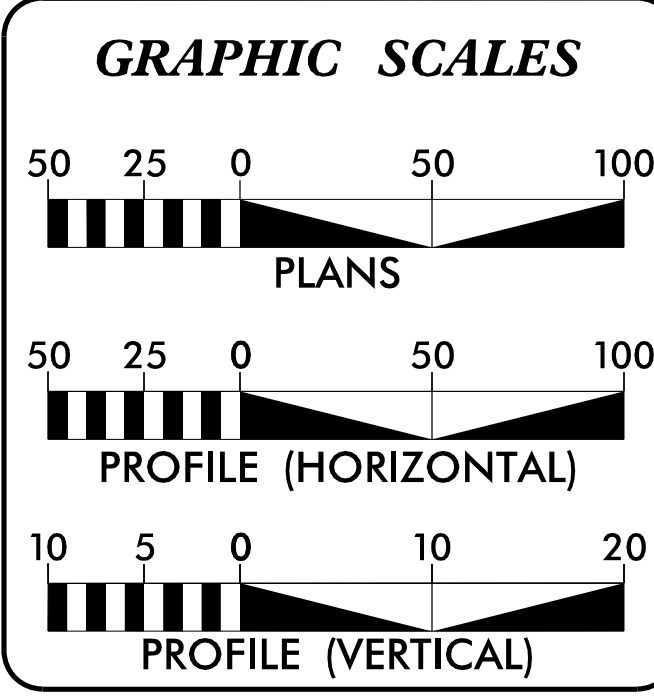
TYPE OF WORK: GRADING, DRAINAGE, PAVING, AND STRUCTURE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-4943	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
40110.1.1	BRZ-1616(10)	PE	
40110.2.1	BRZ-1616(10)	ROW	
40110.2.2	BRZ-1616(10)	UTILITY	
40110.3.1	BRZ-1616(10)	CONSTRUCTION	



4

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**



DESIGN DATA
 2018 ADT = 2781 VPD
 2038 ADT = 3627 VPD
 K = 10%
 D = 85%
 T = 6% *
 V = 40 MPH
 * (TTST 1% + DUAL 5%)
 FUNC. CLASS. = RURAL MINOR COLLECTOR
 SUBREGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-4943 = 0.163 mi.
 LENGTH STRUCTURES TIP PROJECT B-4943 = 0.017 mi.
 TOTAL LENGTH TIP PROJECT B-4943 = 0.180 mi.

Prepared in the Offices of:

STEWART
 421 FAYETTEVILLE ST., STE 400
 RALEIGH, NC 27601
 T 919.380.8750
 Firm License #1-C-1051
 www.stewartec.com
 PROJECT #1151013.00

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
 DECEMBER 9, 2016

LETTING DATE:
 JANUARY 16, 2018

ANDY YOUNG, PE
 PROJECT ENGINEER

MICHAEL BURNS, PE
 PROJECT DESIGN ENGINEER

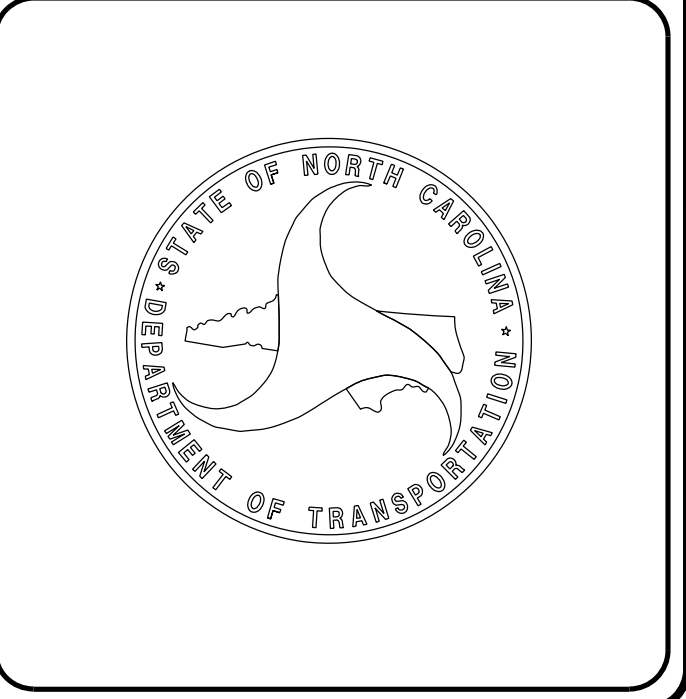
GARY R. LOVERING, PE
 NCDOT CONTACT

HYDRAULICS ENGINEER

DocuSigned by:
 Brandon T. Barham
 10/20/2017
 P.E.

ROADWAY DESIGN ENGINEER

DocuSigned by:
 Andrew P. Young
 10/19/2017
 P.E.



10/12/2017
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 USER:ayoung