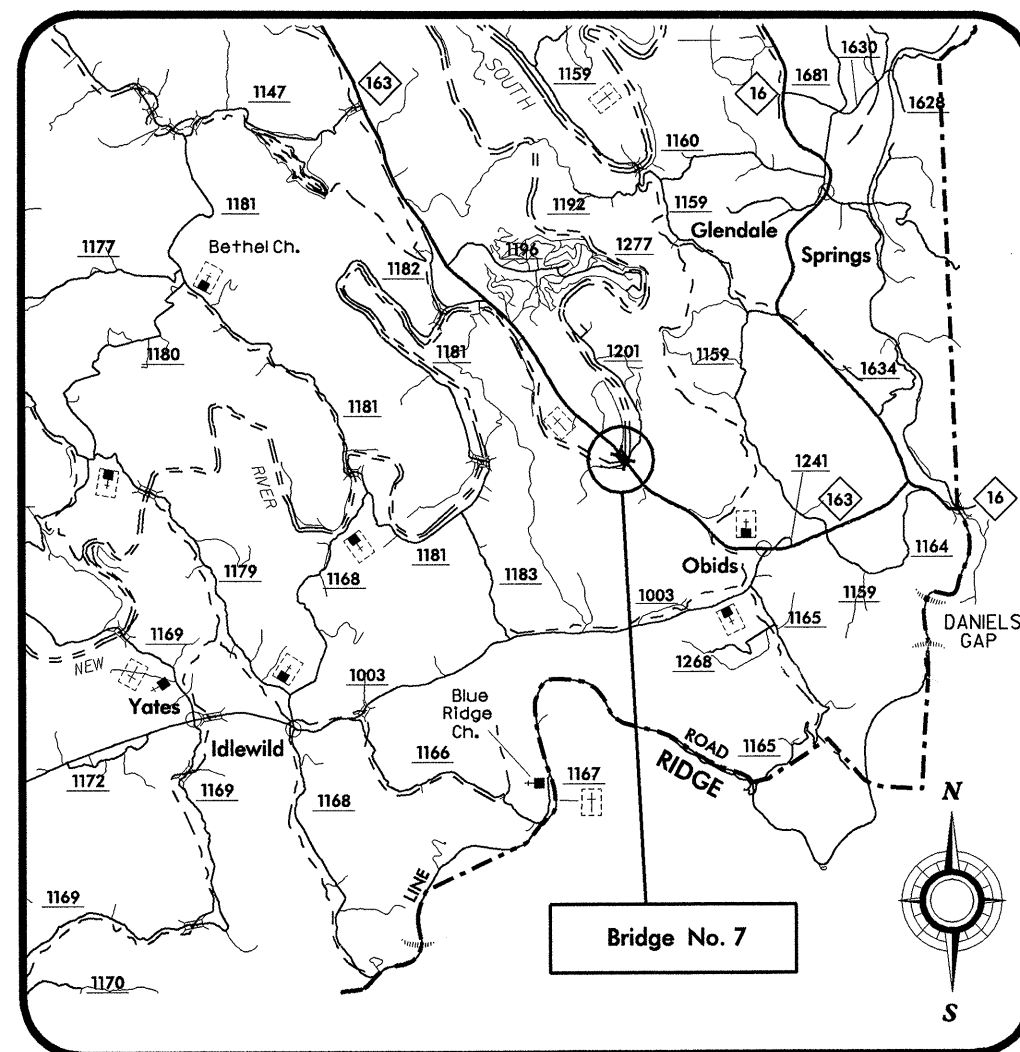


CONTRACT: C200892 TIP PROJECT: B-4010

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



VICINITY MAP

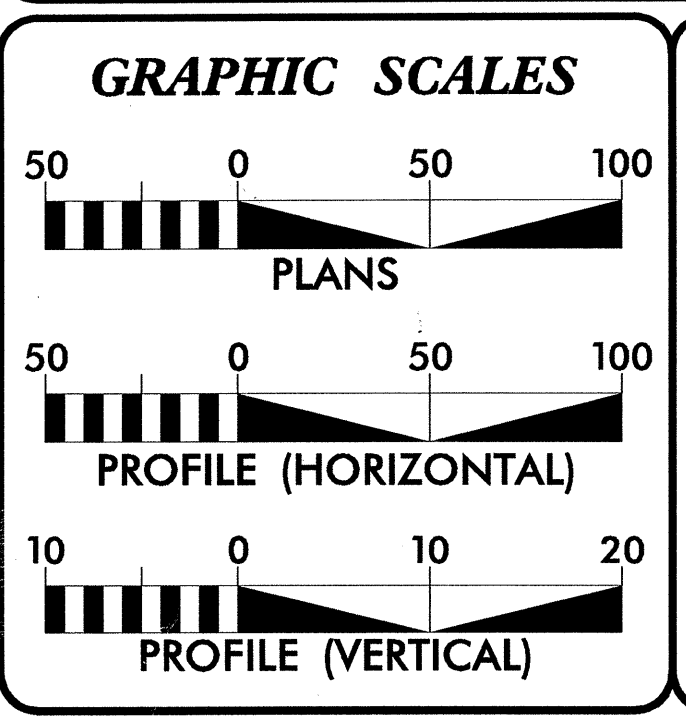
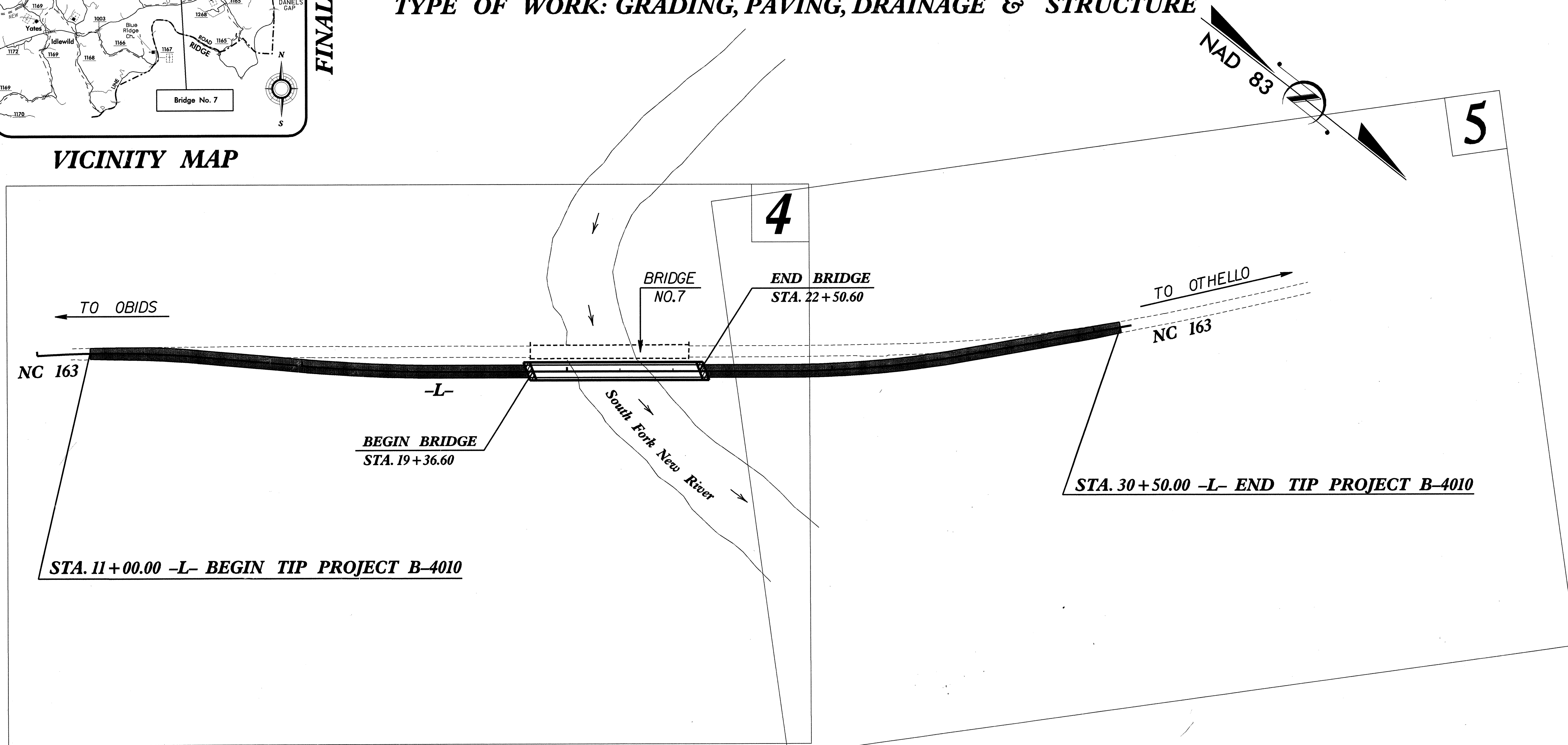
FINAL SUBMITTAL

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

ASHE COUNTY

LOCATION: Replace Bridge No. 7 & approaches on NC 163, over South Fork New River
TYPE OF WORK: GRADING, PAVING, DRAINAGE & STRUCTURE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-4010	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
33378.1.1	BRSTP-163(1)	PE	
33378.3.1	BRSTP-163(2)	R/W, UTIL.	
33378.2.2	BRSTP-163(3)	CONST.	



DESIGN DATA

ADT 2004 = 2,880
ADT 2025 = 4,800
DHV = 13 %
D = 60 %
* T = 6 %
V = 60 MPH
* (2% TTST & 4% DUAL)

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-4010	0.310 MI
LENGTH STRUCTURE TIP PROJECT B-4010	0.059 MI
TOTAL LENGTH TIP PROJECT B-4010	0.369 MI

PLANS PREPARED BY :
RUMMEL, KLEPPER & KAHL, LLP
consulting engineers
5800 FARINGDON PLACE, SUITE 105
RALEIGH, NORTH CAROLINA 27609
FOR

DIVISION OF HIGHWAYS

2002 STANDARD SPECIFICATIONS
RIGHT OF WAY DATE: July 31, 2003
LETTING DATE: SEPTEMBER 21, 2004

NCDOT CONTACT: Teresa M. Bruton, P.E.
Project Engineer-Design Services

Michael T. Merritt, P.E.
PROJECT ENGINEER

Ana M. Passman, P.E.
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

ROADWAY DESIGN ENGINEER

SIGNATURE: [Signature] 5/7/04
P.E.

SIGNATURE: [Signature] 5/7/04
P.E.

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

cut m. millan
STATE DESIGN ENGINEER P.E.

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ADMINISTRATOR DATE

L:\COMPOS-302157\061\B4010.TSH 11/06/02