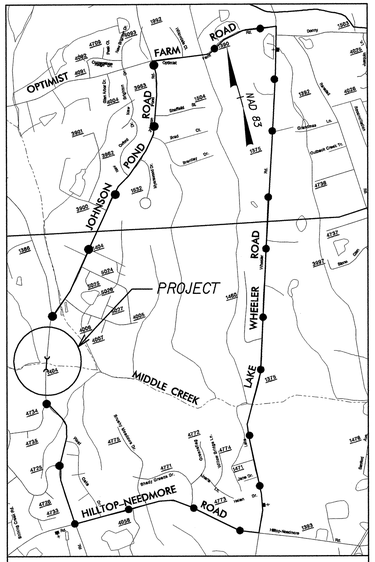
09/08/99

TIP PROJECT: B-3703

CONTRACT: C200863

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

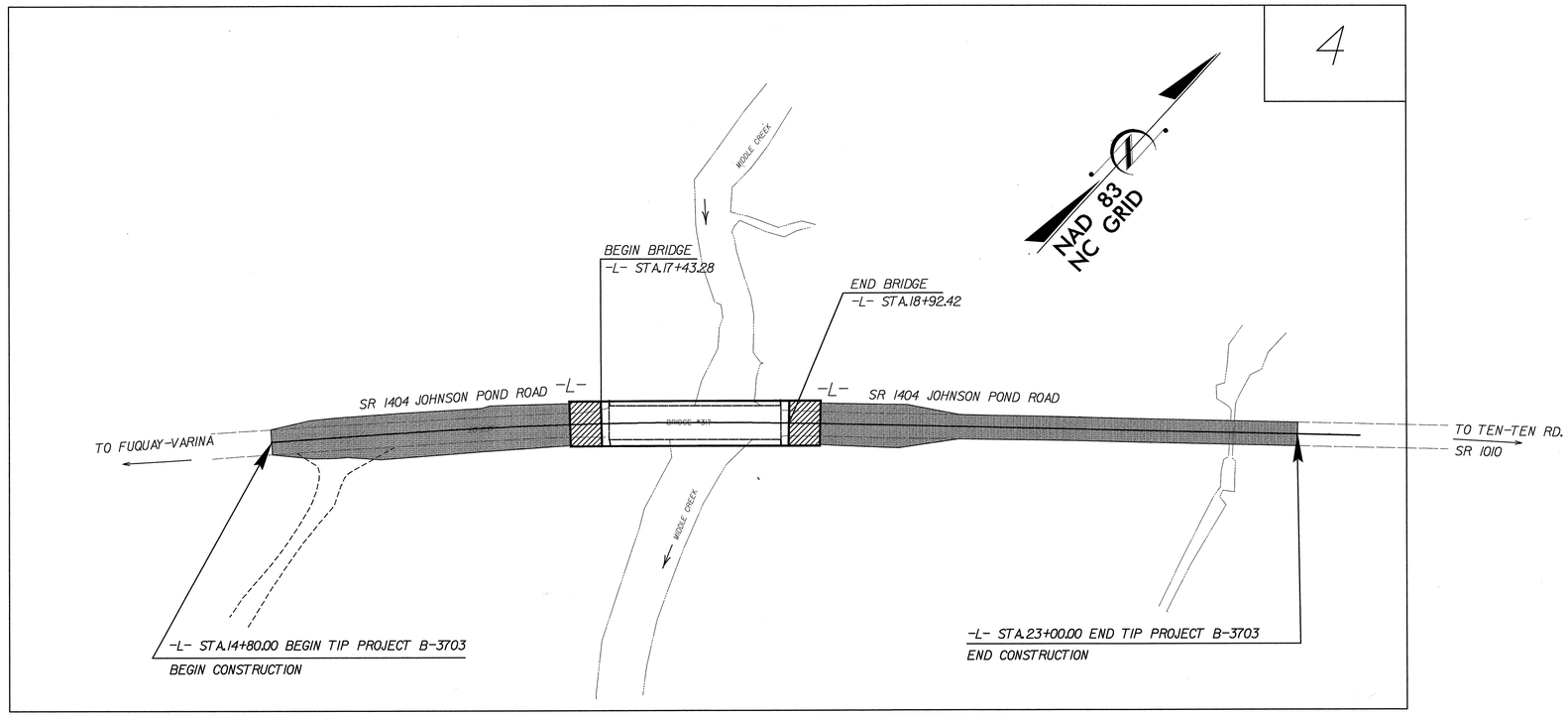
WAKE COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-3703	1	

WBS NO.	F.A. PROJ. NO.	DESCRIPTION
33243.1.1	BRZ-1404(4)	PE
33243.2.2	BRZ-1404(7)	ROW, UTILITY
33243.3.1	BRZ-1404(8)	CONST.

LOCATION: BRIDGE NO. 317 OVER MIDDLE CREEK ON SR 1404 (JOHNSON POND ROAD)

TYPE OF WORK: GRADING, PAVING, DRAINAGE AND STRUCTURE



NCDOT CONTACT: TERESA M. BRUTON, PE
PROJECT ENGINEER - DESIGN SERVICES

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 2004 = 5,200
ADT 2024 = 11,200
DHV = 10 %
D = 60 %
T = 3 % *
V = 50 MPH

*(TTST 1 % + DUAL 2%)

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-3703 = 0.127 MI
LENGTH STRUCTURE TIP PROJECT B-3703 = 0.028 MI
TOTAL LENGTH TIP PROJECT B-3703 = 0.155 MI

Prepared In the Office of:
RS&H ARCHITECTS-ENGINEERS-PLANNERS INC.
8008 CORPORATE CENTER DRIVE, SUITE 120
CHARLOTTE, NC 28226 (704) 752-0610
CORPORATE CERTIFICATE NO. F-0493
FOR THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

2002 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
JUNE 30, 2003

LETTING DATE:
FEBRUARY 15. 2005

VERONICA McGRIFF WALLACE, PE
PROJECT ENGINEER

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 10746 ENGINEER DENNIS K. DOYLE
SIGNATURE:

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 22950 ENGINEER VERONICA S. McGRIFF WALLACE
SIGNATURE:

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

P.E.
STATE DESIGN ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ADMINISTRATOR DATE

$$$$SYSTIME$$$$
$$$$USERNAME$$$$DGN$$$$