

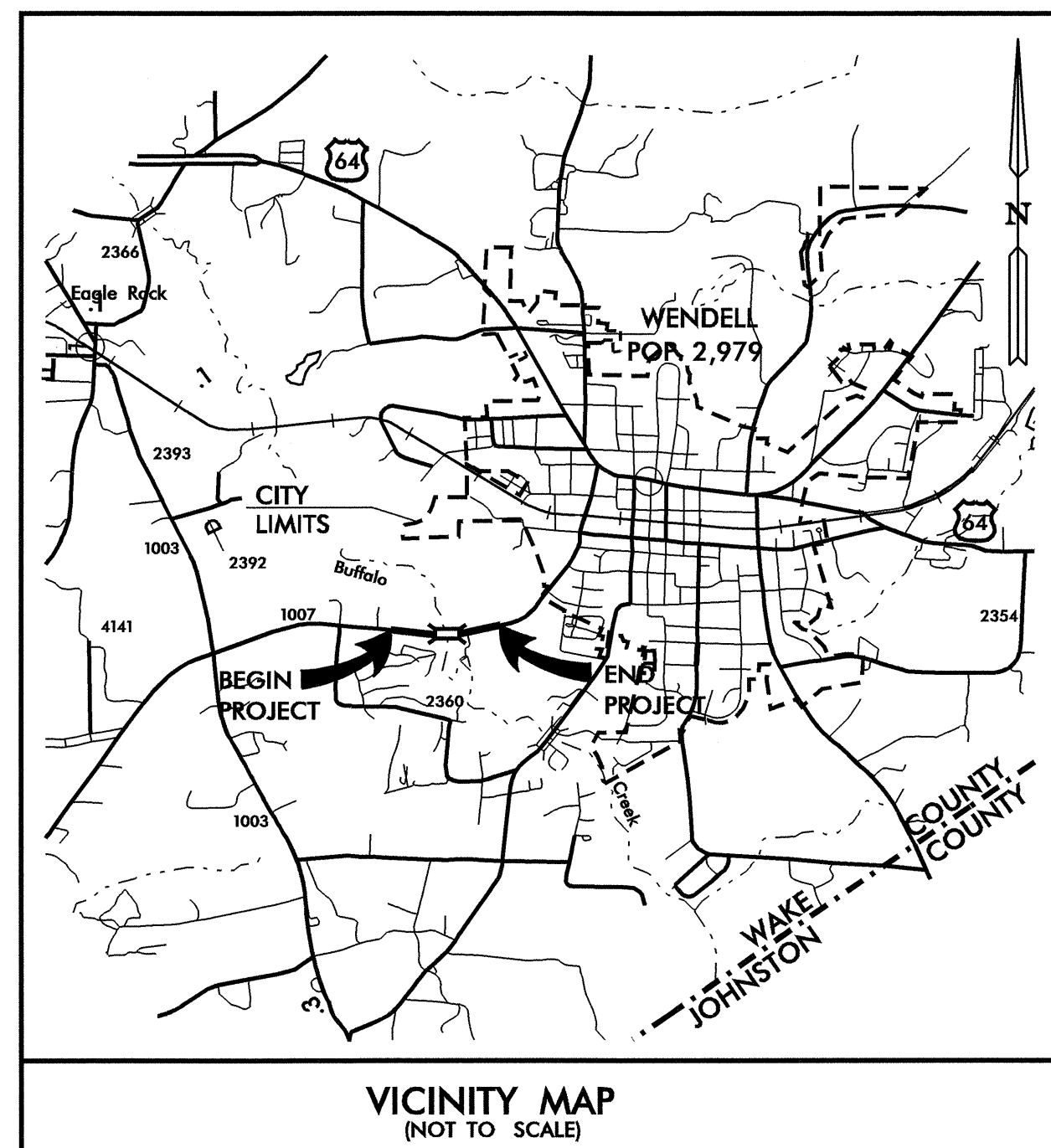
TIP: B-3522

CONTRACT: C201140

STRUCTURE

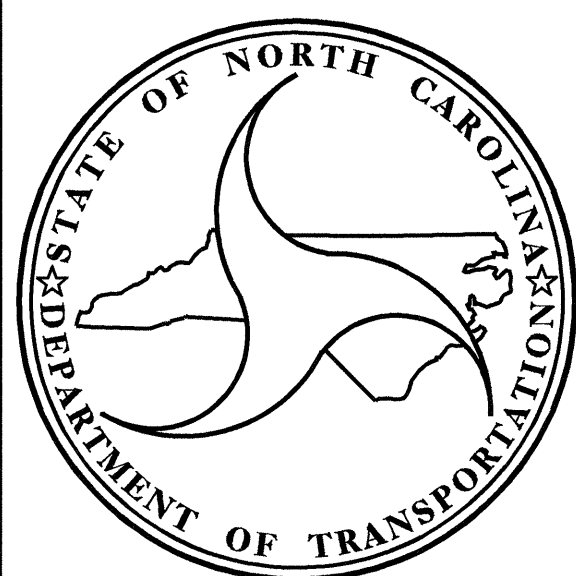
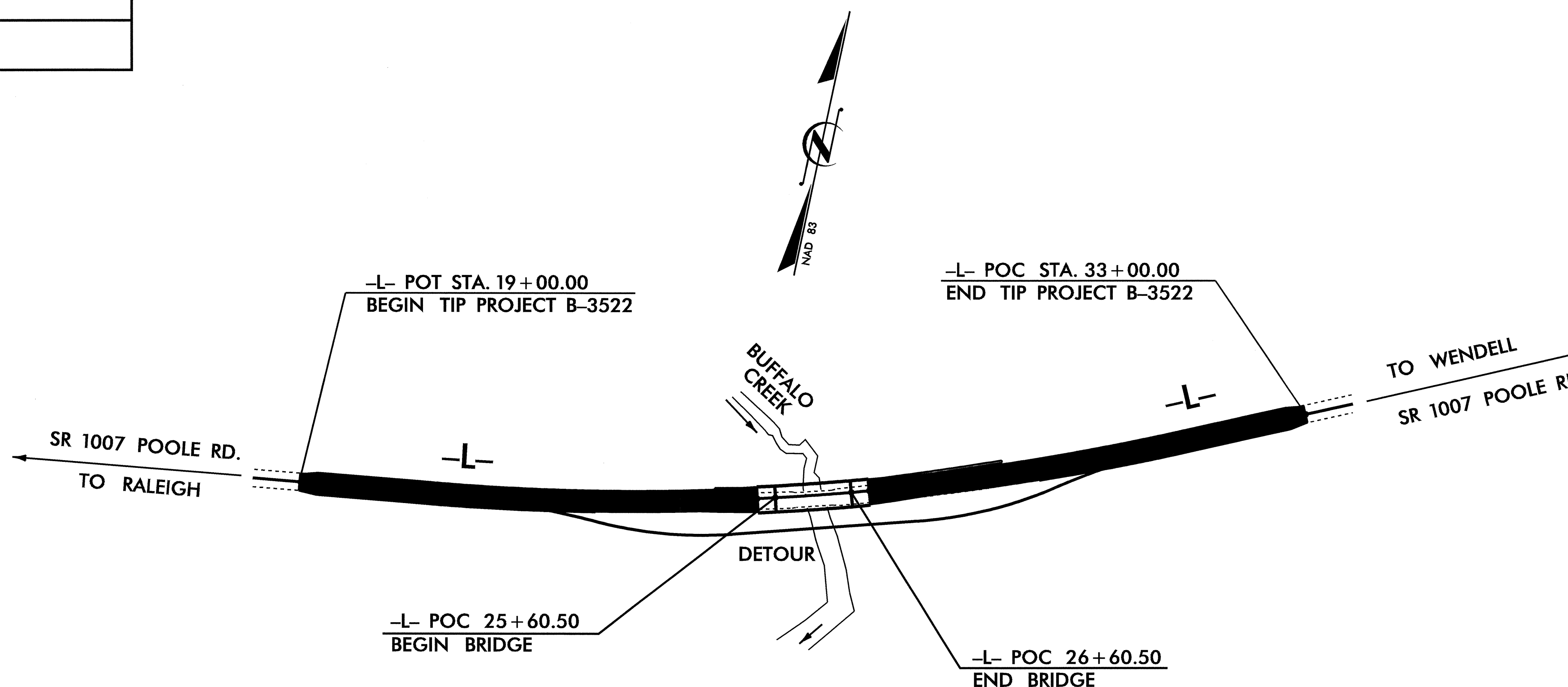
STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS
WAKE COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-3522		
WBS NO.	F.A. PROJ. NO.	DESCRIPTION	
33131.1.1	BRSTP-1007(11)	P.E.	
33131.2.1	BRSTP-1007(11)	R/W, UTIL	
33131.3.1	BRSTP-1007(11)	CONST	



LOCATION: BRIDGE NO. 215 OVER BUFFALO CREEK AND APPROACHES ON SR 1007 (POOLE ROAD) SOUTH OF WENDELL

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



DESIGN DATA

ADT 2004 = 5,525
 ADT 2024 = 10,645
 DHV = 12%
 D = 65%
 T = 4% *
 V = 50 mph

* (Duals = 3% + TTST = 1%)

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-3522 = 0.245 MILES
 LENGTH STRUCTURES TIP PROJECT B-3522 = 0.020 MILES
 TOTAL LENGTH TIP PROJECT B-3522 = 0.265 MILES

Prepared in the Office of:
DIVISION OF HIGHWAYS

1000 BIRCH RIDGE DRIVE, RALEIGH, N.C. 27610

2002 STANDARD SPECIFICATIONS

Q. H. NGUYEN, P.E.
 PROJECT MANAGER

LETTING DATE:
 JANUARY 18, 2005

J. R. DUGGINS, JR., P.E.
 PROJECT DESIGN ENGINEER

STRUCTURE DESIGN UNIT
 1000 BIRCH RIDGE DRIVE
 RALEIGH, N.C. 27610



DIVISION OF HIGHWAYS
 STATE OF NORTH CAROLINA

PE
 STATE HIGHWAY ENGINEER - DESIGN
 DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION

APPROVED FOR
 DIVISION ADMINISTRATOR DATE