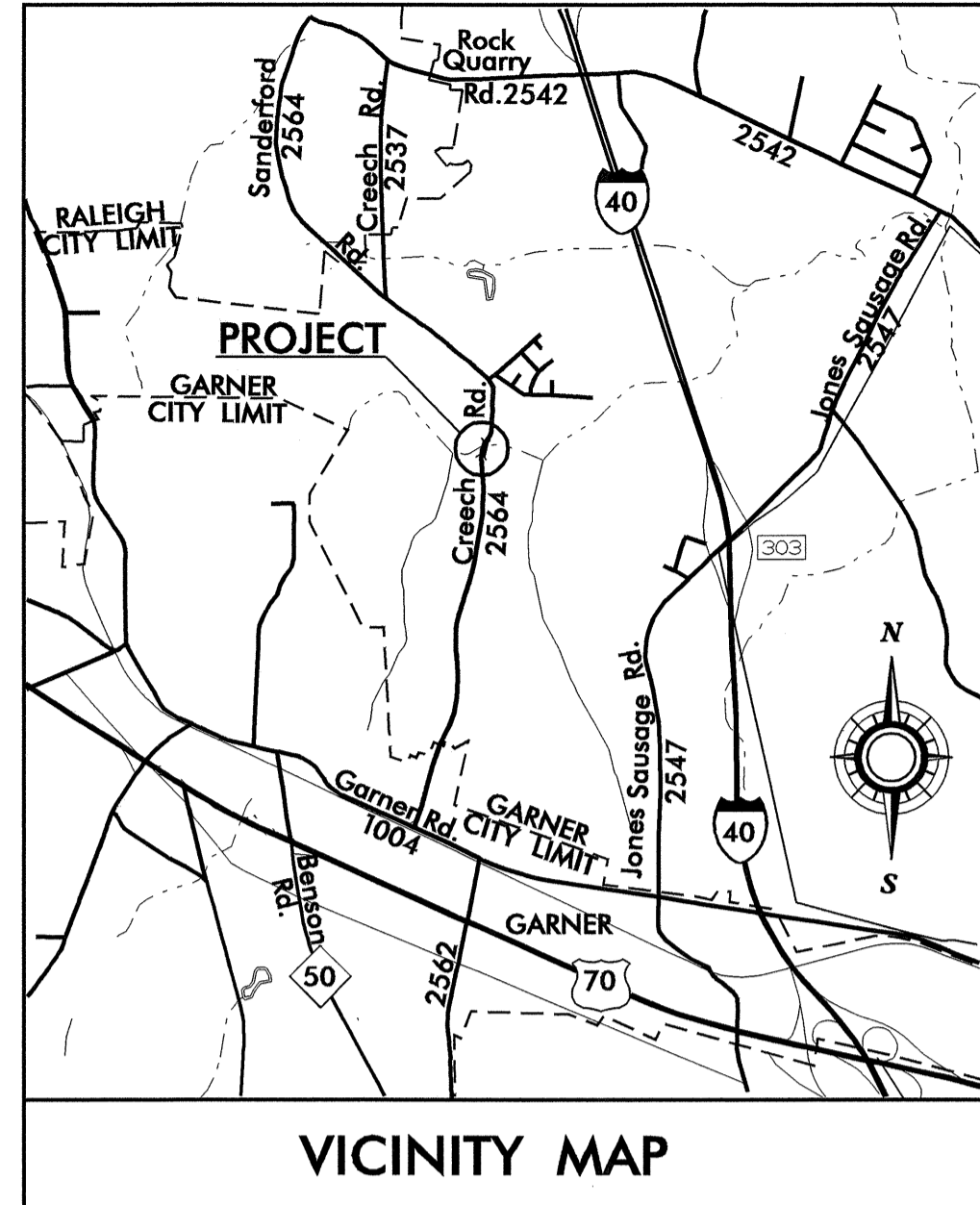


9/09/05

**CONTRACT: C201416 TIP PROJECT: B-3376**

See Sheet 1-A For Index of Sheets



STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**WAKE COUNTY**

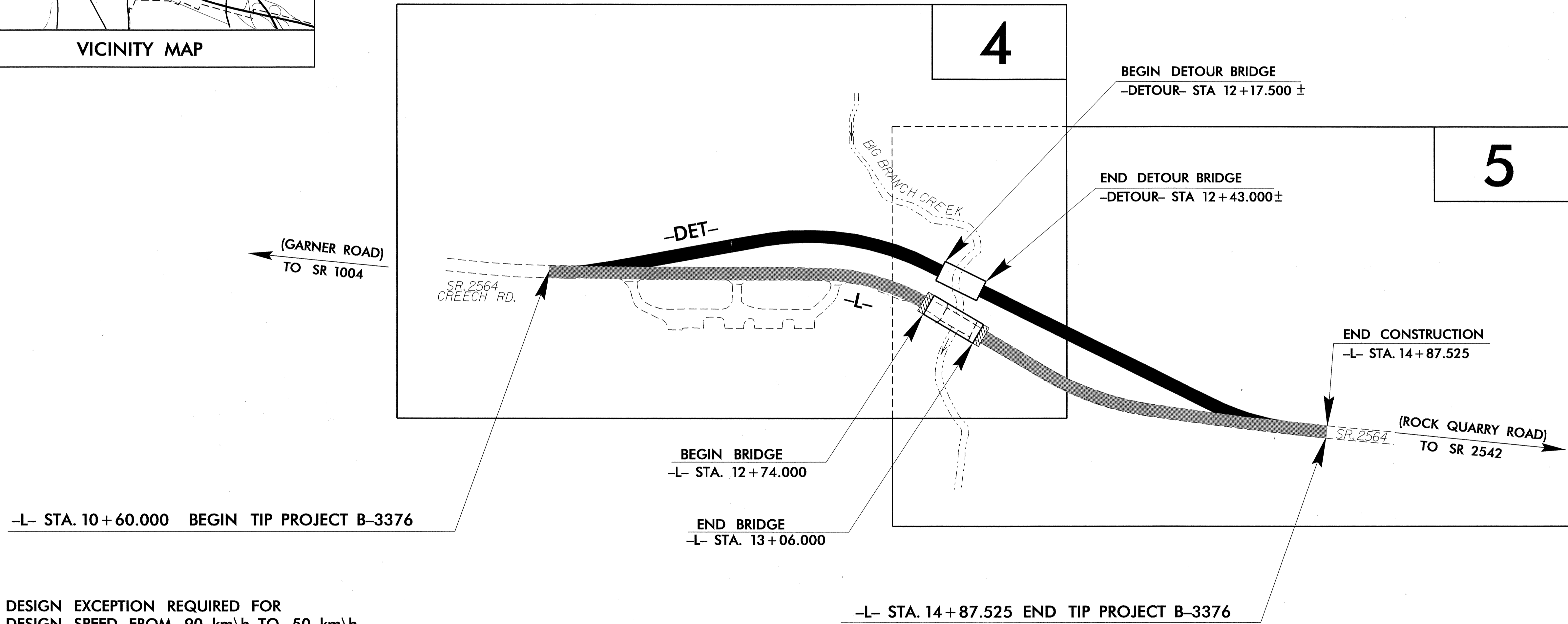
**LOCATION: BRIDGE NO. 246 AND APPROACHES  
ON SR 2564 OVER BIG BRANCH CREEK**

**TYPE OF WORK: GRADING, DRAINAGE, PAVING AND STRUCTURES**

**METRIC**

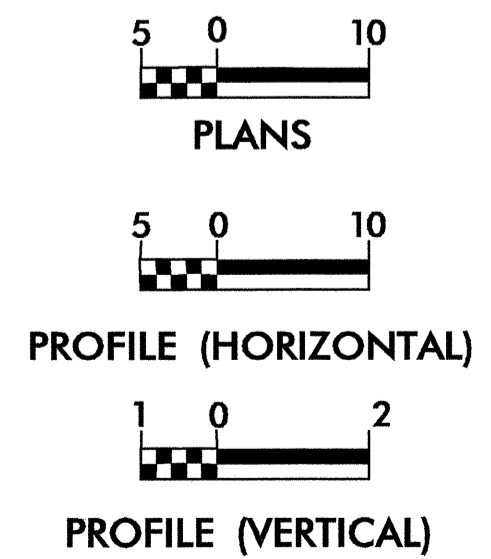
ALL DIMENSIONS IN THESE PLANS ARE IN METERS AND/OR MILLIMETERS

|                 |                             |             |              |
|-----------------|-----------------------------|-------------|--------------|
| STATE           | STATE PROJECT REFERENCE NO. | SHEET NO.   | TOTAL SHEETS |
| N.C.            | <b>B-3376</b>               | 1           |              |
| STATE PROJ. NO. | F.A. PROJ. NO.              | DESCRIPTION |              |
| 33024.1.1       | BRSTP-2564(1)               | P.E.        |              |
| 33024.2.1       | BRSTP-2564(2)               | R/W, UTL.   |              |
| 33024.3.2       | BRSTP-2564(4)               | CONST.      |              |



**\*\* DESIGN EXCEPTION REQUIRED FOR DESIGN SPEED FROM 90 km/h TO 50 km/h AND VERTICAL ALIGNMENT**

**GRAPHIC SCALES**



**DESIGN DATA**

ADT 2004 = 6,600  
ADT 2025 = 11,000  
DHV = 10 %  
D = 65 % \*  
T = 5 % \*  
V = 50 km/h \*\*  
\* TTST 1 % DUAL 4 %  
FUNC CLASS = URBAN COLLECTOR

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT B-3376 = 0.396 Km  
LENGTH STRUCTURE TIP PROJECT B-3376 = 0.032 Km  
TOTAL LENGTH OF TIP PROJECT B-3376 = 0.428 Km

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

2002 STANDARD SPECIFICATIONS

**RIGHT OF WAY DATE:**  
DECEMBER 31, 2003

**LETTING DATE:**  
FEBRUARY 15, 2005

G.E. BREW, P.E.  
PROJECT ENGINEER

D. WILLIAMS  
PROJECT DESIGN ENGINEER

**HYDRAULICS ENGINEER**

**ROADWAY DESIGN ENGINEER**

9/27/04

9-28-04

**DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA**

DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

APPROVED  
DIVISION ADMINISTRATOR

DATE

10-SEP-2004 14:40  
P:\PROJ\NCL New\_Design\Nov\_03\B3376.tshf  
WakabiDavis rd-01oce34