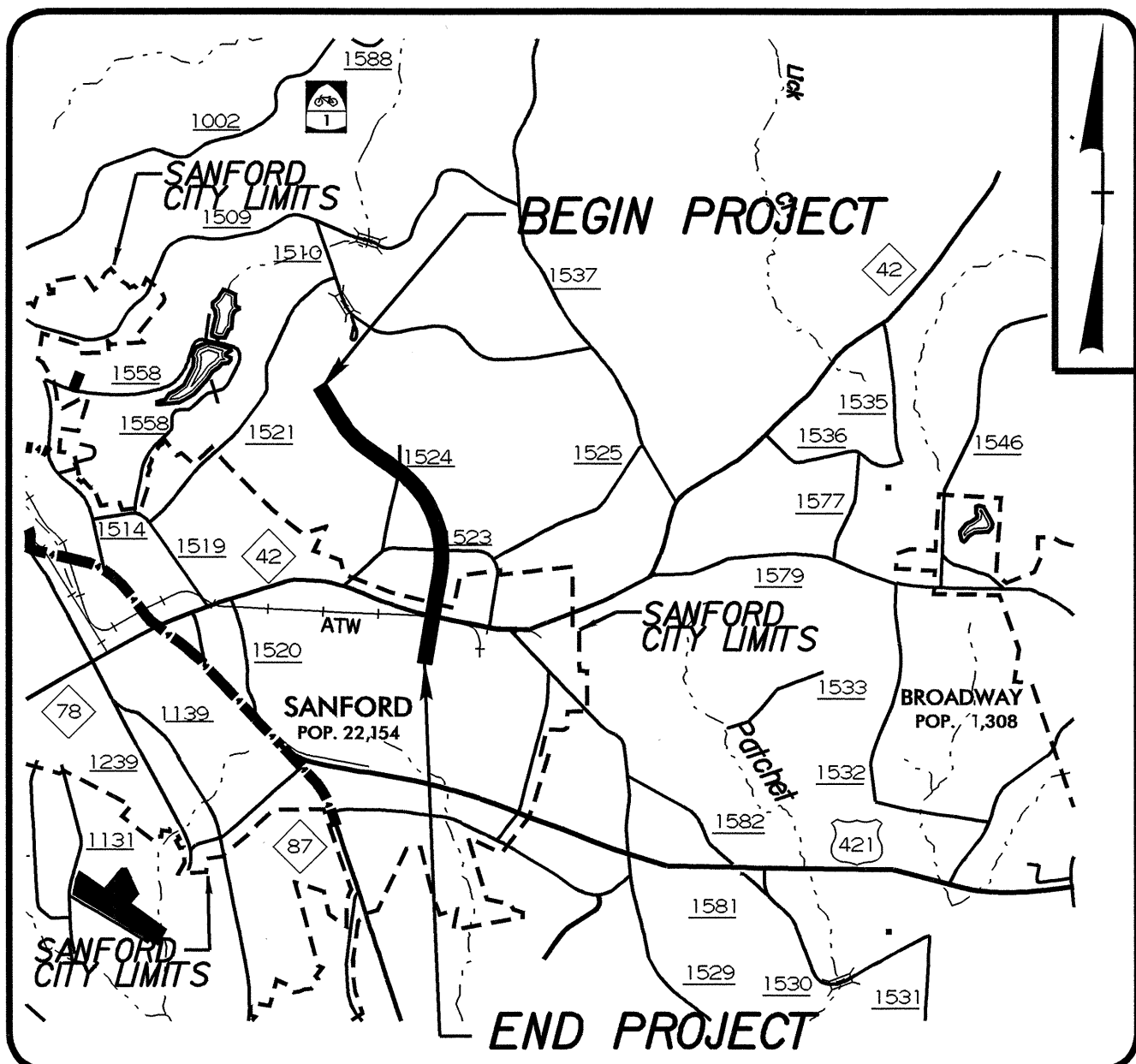


**CONTRACT: C200895 TIP PROJECT: R-2417BB**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2417BB		
WBS PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
34431.1.1	STPNHF-421(2)	PE	
34431.2.1	STPNHF-421(2)	RW, UTIL	
34431.3.6		CONST.	

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS  
**LEE COUNTY**

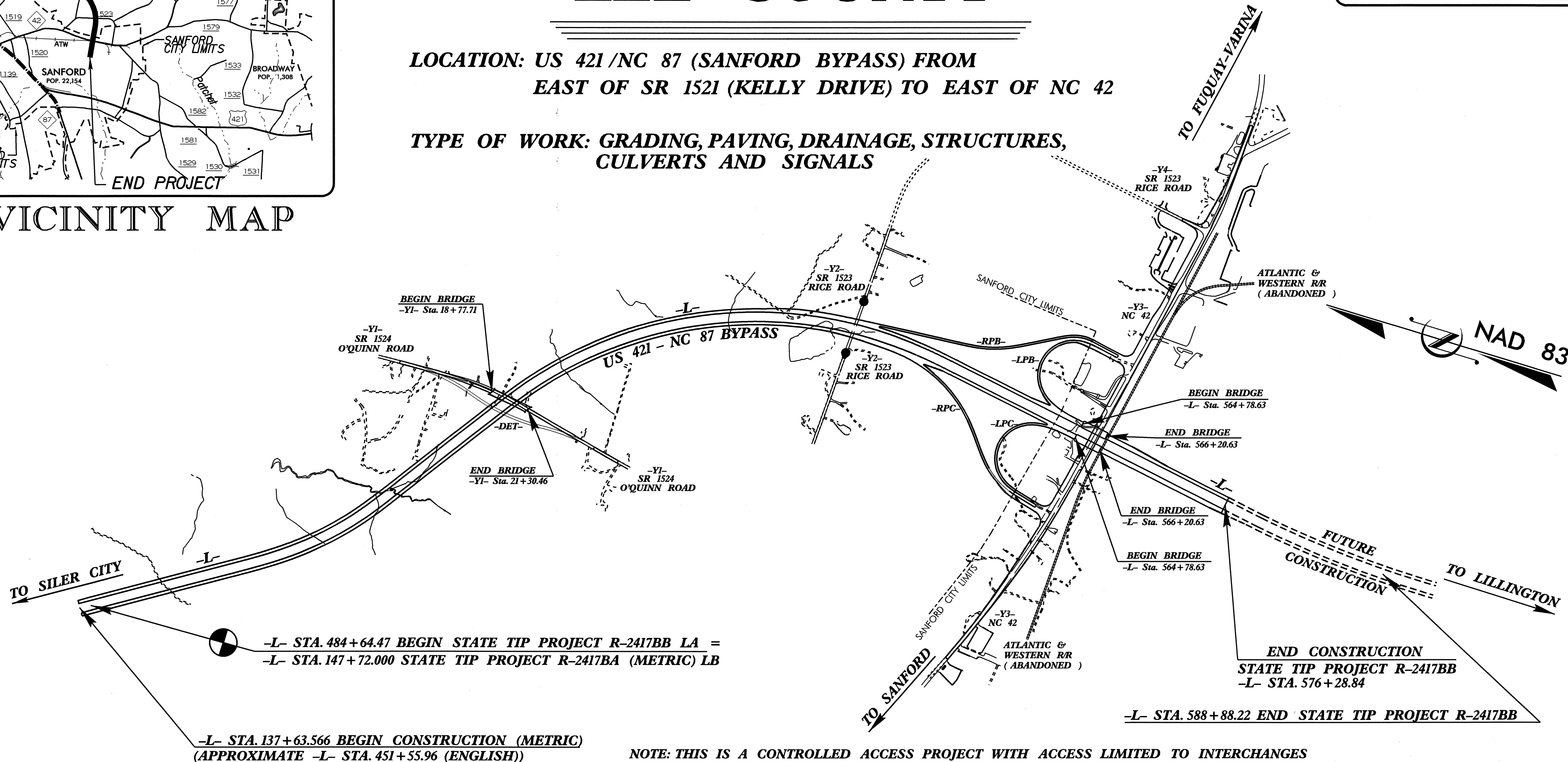


VICINITY MAP

**LOCATION: US 421 / NC 87 (SANFORD BYPASS) FROM  
EAST OF SR 1521 (KELLY DRIVE) TO EAST OF NC 42**

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

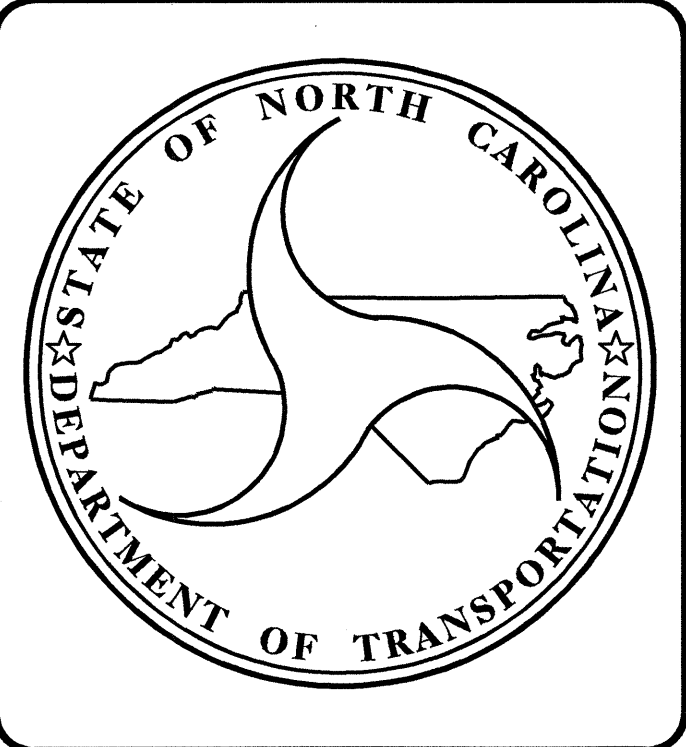
**STRUCTURES**



-L- STA. 484+64.47 BEGIN STATE TIP PROJECT R-2417BB LA =  
-L- STA. 147+72.000 STATE TIP PROJECT R-2417BA (METRIC) LB

-L- STA. 137+63.566 BEGIN CONSTRUCTION (METRIC)  
(APPROXIMATE -L- STA. 451+55.96 (ENGLISH))

NOTE: THIS IS A CONTROLLED ACCESS PROJECT WITH ACCESS LIMITED TO INTERCHANGES



**DESIGN DATA**

ADT 2004 =	14820
ADT 2024 =	27120
DHV =	10 %
D =	60 %
T =	8 % *
V =	70 MPH
* TTST 3 %	DUAL 5 %

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT R-2417BB	= 1.947 MILES
LENGTH STRUCTURES TIP PROJECT R-2417BB	= 0.027 MILES
TOTAL LENGTH TIP PROJECT R-2417BB	= 1.974 MILES

Prepared in the Office of:  
**DIVISION OF HIGHWAYS**

2002 STANDARD SPECIFICATIONS

LETTING DATE :  
NOVEMBER 16, 2004

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

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 14552  
GREGORY R. PETREY  
9/20/04

DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA

P.E.  
STATE DESIGN ENGINEER  
DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_  
DIVISION ADMINISTRATOR