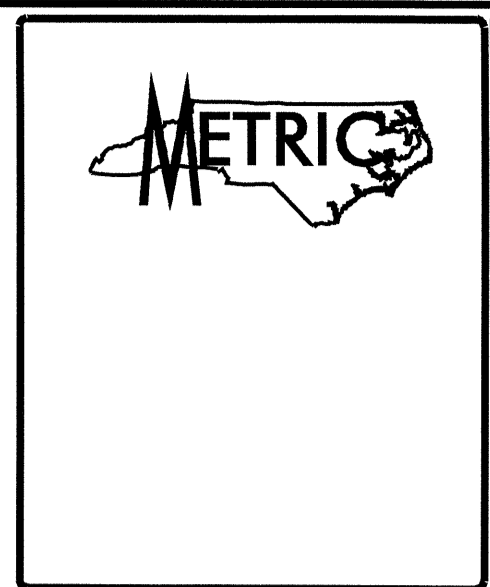
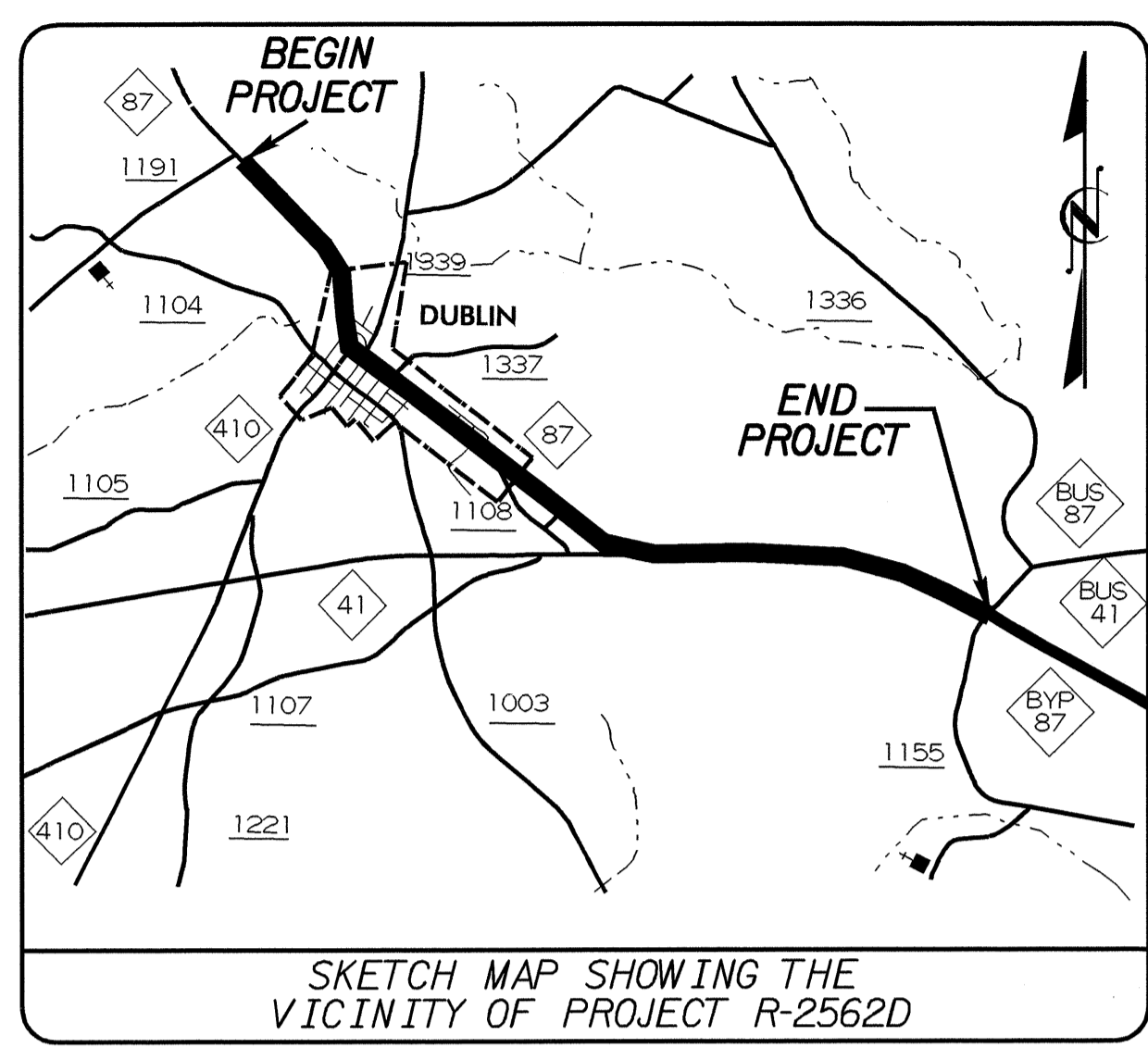


9/09/99

CONTRACT: C201118 TIP PROJECT: R-2562D

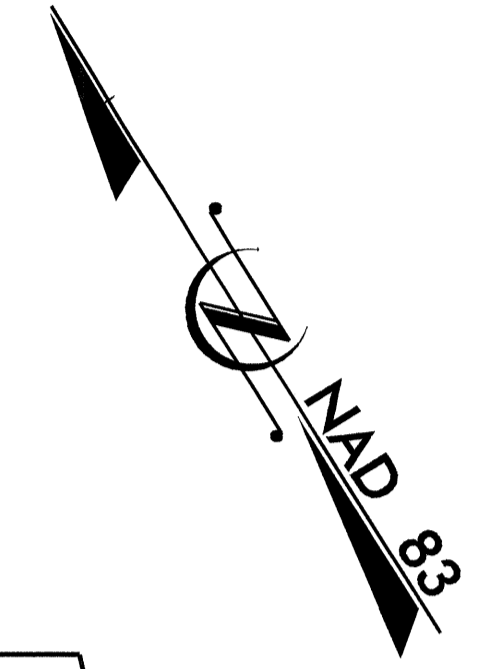


STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2562D		
WBS ELEMENT	F.A. PROJ. NO.	DESCRIPTION	
34467.1.7		P.E.	
34467.2.7		RW, UTIL.	
34467.3.8		CONST.	

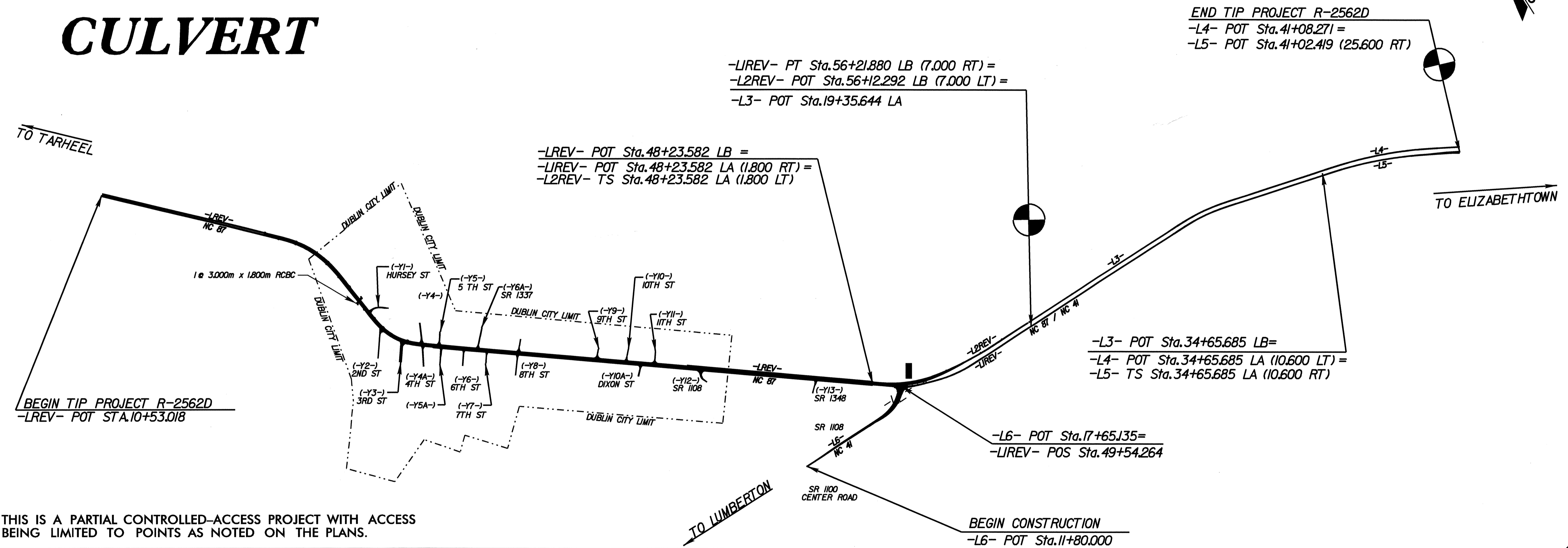


STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS  
**BLADEN COUNTY**

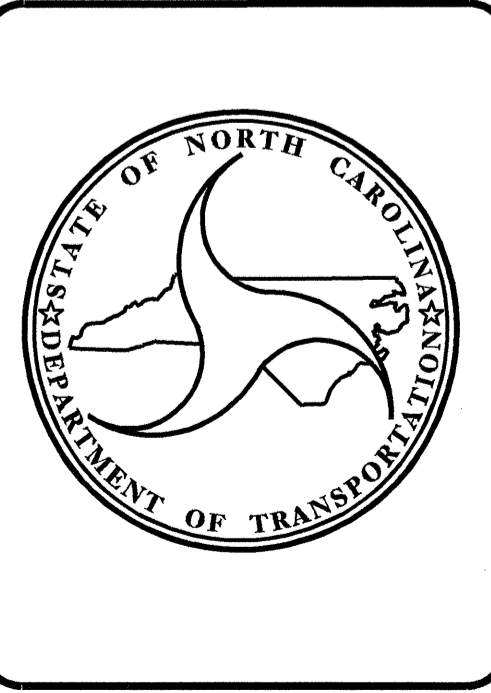
LOCATION: NC 87 FROM SR 1191 (OLD NC 41) TO NC 41/NC 87 BUS.  
 TYPE OF WORK: GRADING, DRAINAGE, PAVING, CULVERT & SIGNALS



# CULVERT



THIS IS A PARTIAL CONTROLLED-ACCESS PROJECT WITH ACCESS BEING LIMITED TO POINTS AS NOTED ON THE PLANS.



**DESIGN DATA**

ADT 2004 = 12765  
 ADT 2025 = 21000

DHV = 11 %  
 D = 55 %  
 T = 13 % \*  
 V = 100 km/h

\* TTST 4 % DUAL 9 %

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT R-2562D = 6.736 km  
 TOTAL LENGTH TIP PROJECT R-2562D = 6.736 km

NOTE : THE EAST BOUND LANE WAS USED TO COMPUTE THE PROJECT LENGTH.

Prepared In the Office of:  
**DIVISION OF HIGHWAYS**  
 1000 BIRCH RIDGE DR., RALEIGH, NC 27610

2002 STANDARD SPECIFICATIONS

LETTING DATE:  
 DECEMBER 21, 2004

OMAR R. AZIZI, PE  
 PROJECT ENGINEER

TIMOTHY L. COGGINS, PE  
 PROJECT DESIGN ENGINEER

**STRUCTURE DESIGN**

NORTH CAROLINA PROFESSIONAL SEAL 14552 ENGINEER GREGORY R. PERFETTI

*GRP*  
 11.2.04

**DIVISION OF HIGHWAYS**  
 STATE OF NORTH CAROLINA

P.E.

STATE DESIGN ENGINEER

**DEPARTMENT OF TRANSPORTATION**  
 FEDERAL HIGHWAY ADMINISTRATION

APPROVED  
 DIVISION ADMINISTRATOR

DATE

25-OCT-2004 09:05 \*\*\*\*\*DGN\*\*\*\*\*