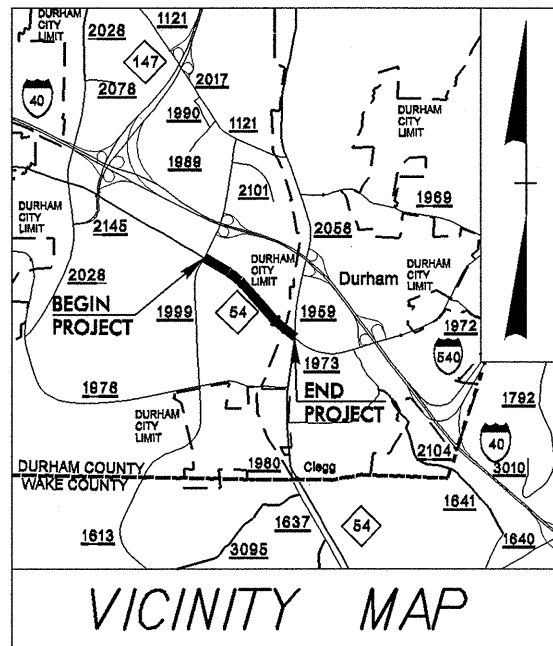


**CONTRACT: 34512.1.1**  
**ID: R-2904**

See Sheet 1-A For Index of Sheets  
See Sheet 1-B For Symbology



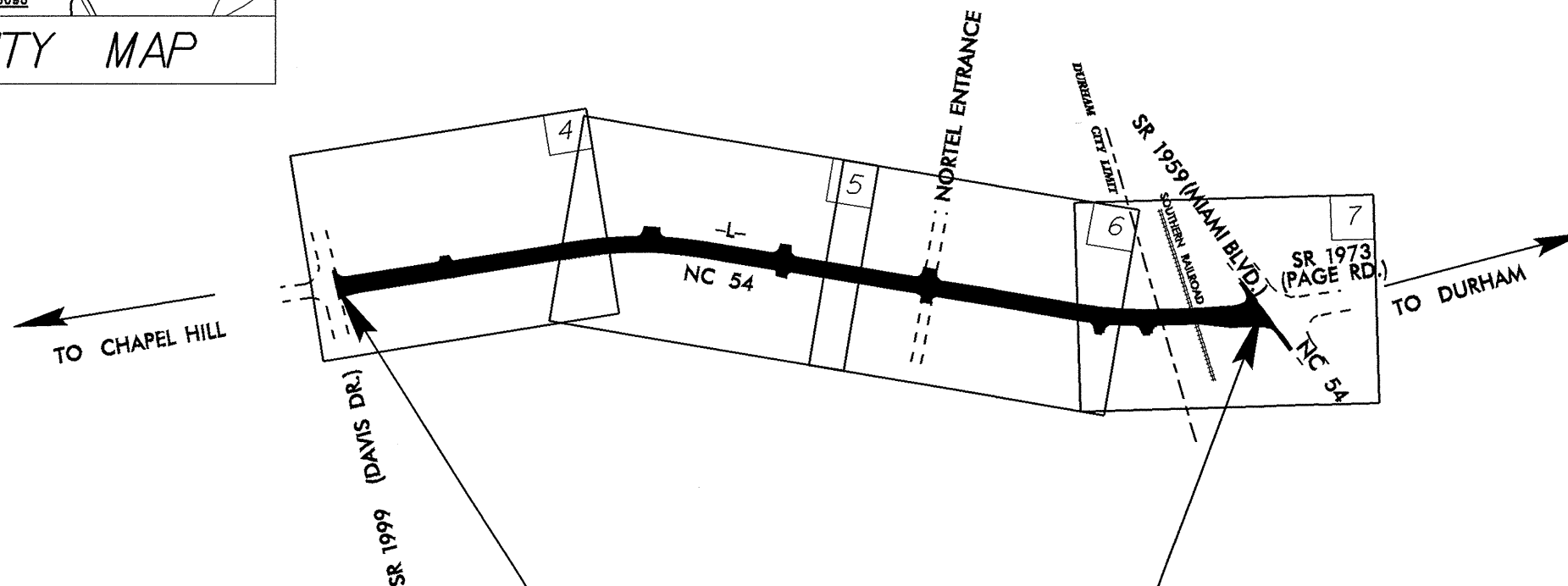
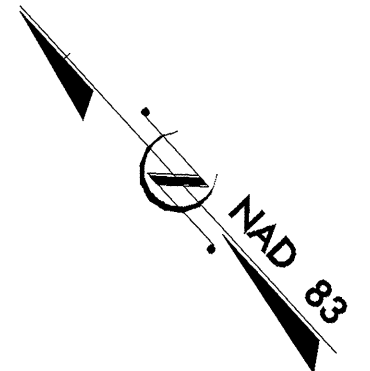
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**DURHAM COUNTY**

**LOCATION: NC 54 FROM SR 1999 (DAVIS DRIVE) TO SR 1959 (MIAMI BLVD.)**

**TYPE OF WORK: GRADING, PAVING, DRAINAGE, GUARDRAIL, SIGNALS, AND SIGNING**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2904	2A	24
STATE PROJECT NO.	F.A. PROJECT NO.	DESCRIPTION	
34512.1.1	STP-54(2)	P.E.	



STA. 10+34.63 -L- BEGIN STATE PROJECT 8J352701  
STA. 10+34.63 -L- BEGIN F.A. PROJECT STP-54(2)

STA. 57+38.87 -L- END STATE PROJECT 8J352701  
STA. 57+38.87 -L- END F.A. PROJECT STP-54(2)

INCOMPLETE PLANS  
DO NOT USE FOR R/W ACQUISITION  
PRELIMINARY PLANS  
DO NOT USE FOR CONSTRUCTION

CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD \_\_\_\_\_.

A PORTION OF THIS PROJECT IS WITHIN THE MUNICIPAL BOUNDARIES OF DURHAM.

<p><b>GRAPHIC SCALES</b></p> <p>50 25 0 50 100 PLANS</p> <p>50 25 0 50 100 PROFILE (HORIZONTAL)</p> <p>10 5 0 10 20 PROFILE (VERTICAL)</p>	<p><b>DESIGN DATA</b></p> <p>ADT 2005 = 17,800 ADT 2025 = 37,700</p> <p>DHV = 10 % D = 60 % T = 5 % * V = 50 MPH</p> <p>* (TTST 2 % + DUAL 3 %) ** DESIGN EXCEPTION REQUIRED FOR CREST VERTICAL CURVE.</p>	<p><b>PROJECT LENGTH</b></p> <p>LENGTH ROADWAY F.A. PROJECT STP-54(2) = 0.891 MILES TOTAL LENGTH STATE PROJECT 8.1352701 = 0.891 MILES</p>	<p>Prepared In the Office of: <b>DIVISION OF HIGHWAYS</b> 1000 Birch Ridge Dr., Raleigh, NC 27610</p>		<p><b>HYDRAULICS ENGINEER</b></p> <p>_____ P.E.</p>	<p><b>DIVISION OF HIGHWAYS</b> STATE OF NORTH CAROLINA</p>
			<p>2002 STANDARD SPECIFICATIONS</p> <p><b>RIGHT OF WAY DATE:</b> NOVEMBER 21, 2003 (PROD.) APRIL 21, 2006 (TIP)</p> <p><b>LETTING DATE:</b> NOVEMBER 16, 2004 (PROD.) APRIL 15, 2008 (TIP)</p>	<p><b>B. L. MOORE, P.E.</b> PROJECT ENGINEER</p> <p>_____ PROJECT DESIGN ENGINEER</p>		