

09/09/99

R-2552AB

CONTRACT: C201227

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

JOHNSTON COUNTY

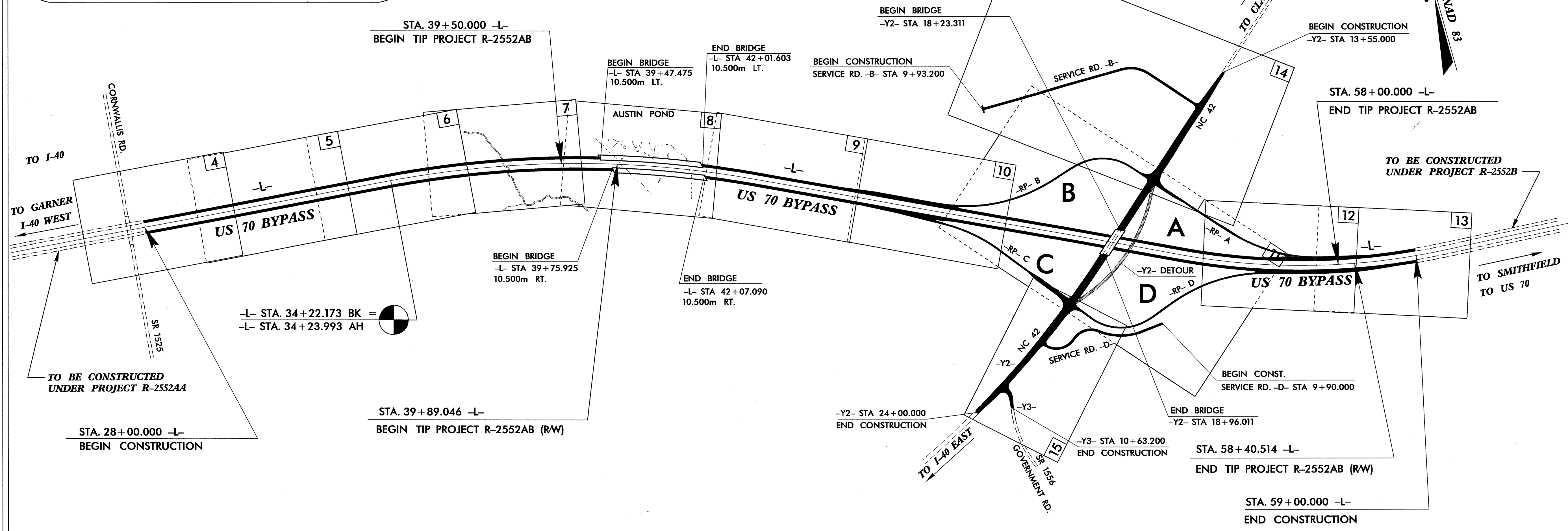
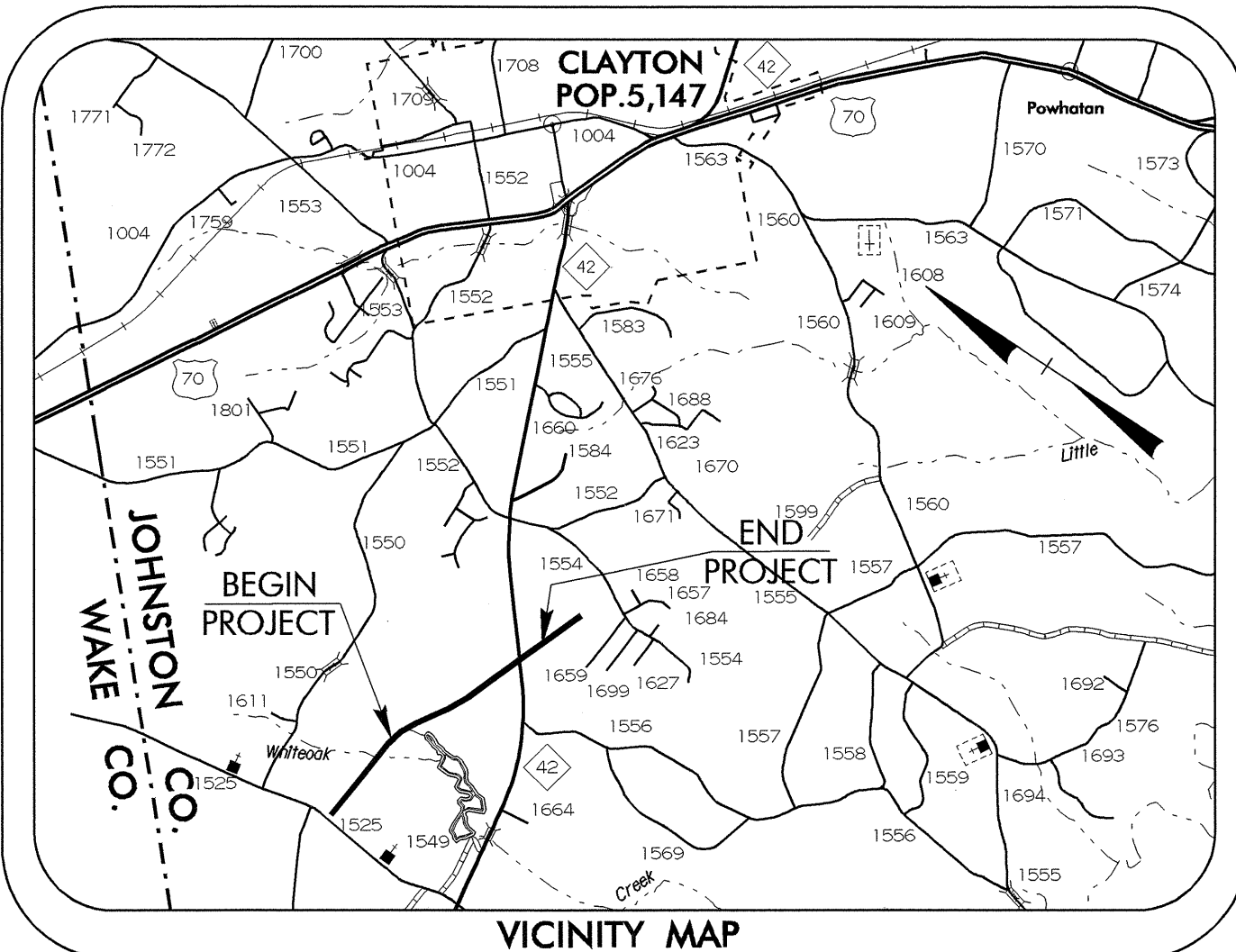
LOCATION: US 70 CLAYTON BYPASS FROM EAST OF  
SR 1525 (CORNWALLIS RD.) TO EAST OF NC 42

TYPE OF WORK: GRADING, DRAINAGE, GUARDRAIL, CABLE GUIDERAIL,  
STRUCTURES, CULVERTS, PAVING, AND SIGNALS

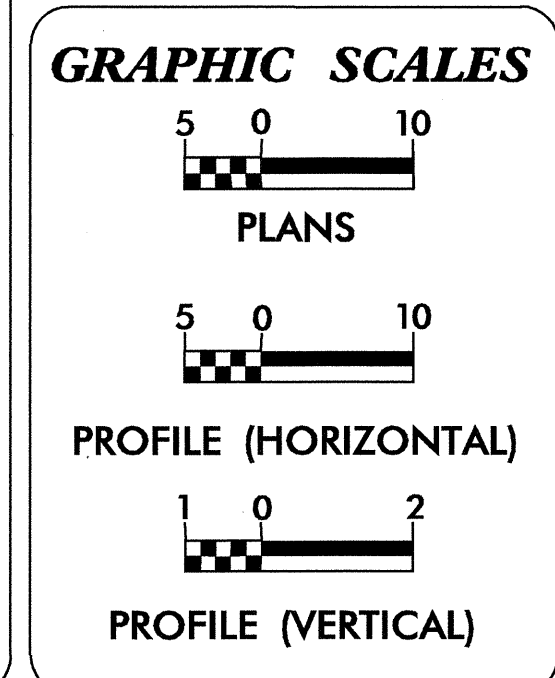
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2552AB	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
34459.1.4	NHF-60-1 (9)	PE	
34459.2.4	N/A	RW & UTL.	
34459.3.4	N/A	CONST.	

ALL DIMENSIONS IN  
THESE PLANS ARE IN METERS  
AND/OR MILLIMETERS  
UNLESS OTHERWISE SHOWN

PART 2



THIS IS A CONTROLLED-ACCESS PROJECT WITH ACCESS BEING LIMITED TO INTERCHANGES



DESIGN DATA

ADT 2005	= 35,400 TO 40,800
ADT 2025	= 68,800 TO 85,000
DHV	= 10 %
D	= 65 %
T	= 16 % *
V	= 110 km/h

\* (TTST 10% & DUAL 6%)

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT R-2552AB	= 1.619 km
LENGTH STRUCTURES TIP PROJECT R-2552AB	= 0.231 km
TOTAL LENGTH OF TIP PROJECT R-2552AB	= 1.850 km

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

2002 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: OCTOBER 31, 2002

LETTING DATE: MAY 17, 2005

JASON MOORE, PE  
PROJECT ENGINEER

KEVIN E. MOORE, PE  
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

ROADWAY DESIGN ENGINEER

SEAL 24912

SEAL 24912

3/16/05

3/16/05

DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

APPROVED DIVISION ADMINISTRATOR

DATE

18-MAR-2005 11:57  
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K Moore AT R212460