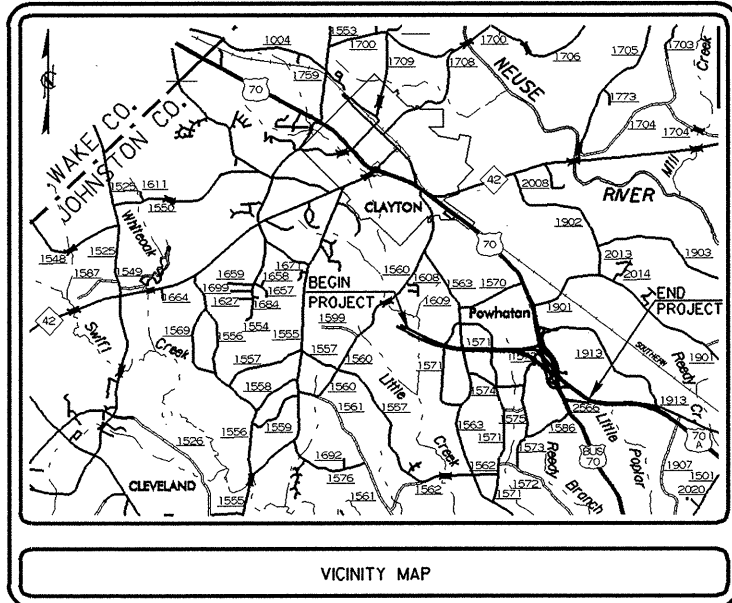


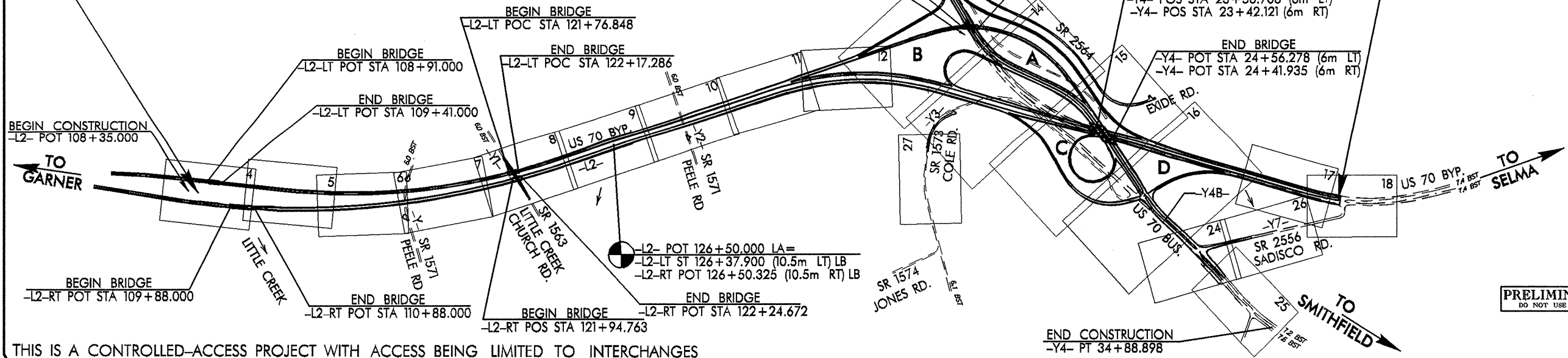
R-2552C

CONTRACT:

See Sheet 1-A For Index of Sheets  
See Sheet 1-B For Conventional Symbols



**BEGIN STATE PROJECT 8.T311002**  
**BEGIN F.A. PROJECT NHF-60-1(9)**  
**BEGIN PROJECT R-2552C**  
 -L2- POT STA. 108+53.275  
 -L2LT- POT STA. 108+56.959 (50m LT)  
 -L2RT- POT STA. 108+51.599 (33.532m RT)



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

**END STATE PROJECT 8.T311002**  
**END F.A. PROJECT NHF-60-1(9)**  
**END PROJECT R-2552C**  
 -L2- POT STA. 158+55.000

PRELIMINARY PLANS  
DO NOT USE FOR CONSTRUCTION

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

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**JOHNSTON COUNTY**

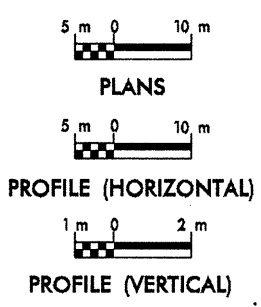
**LOCATION: US 70 (CLAYTON BYPASS) FROM EAST OF SR 1560 TO US 70 EAST OF CLAYTON**  
**TYPE OF WORK: GRADING, DRAINAGE, PAVING, GUARDRAIL, SIGNALS, STRUCTURES AND CULVERTS**



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

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	34459.1.1	2A	126
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
34459.1.1	NHF-60-1(9)	P.E.	

**GRAPHIC SCALE**



**DESIGN DATA**

ADT 1999 = 21,500  
 ADT 2025 = 55,800  
 DHV = 10 %  
 D = 65 %  
 T = 16 % \*  
 V = 110 km/h  
 \* TTST 10% + DUAL 6%

**PROJECT LENGTH**

LENGTH ROADWAY F.A. PROJECT NHF-60-1(9) = 4.862 km  
 LENGTH STRUCTURE F.A. PROJECT NHF-60-1(9) = 0.140 km  
 TOTAL LENGTH STATE PROJECT 8.T311002 = 5.002 km

Prepared in the Office of:  
**LOCHNER**  
 H. W. LOCHNER, INC.  
 2840 PLAZA PLACE, SUITE 202  
 RALEIGH, NC 27612  
 FOR THE NORTH CAROLINA DIVISION OF HIGHWAYS

2000 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:

LETTING DATE:  
October 18, 2005

N.C.D.O.T. CONTACT:  
**Scott Blevins, P.E.**  
 PROJECT ENGINEER - DESIGN SERVICES

**Stephen C. Browde, P.E.**  
 PROJECT ENGINEER

**Thomas A. McCloskey, P.E.**  
 PROJECT DESIGN ENGINEER

**HYDRAULICS ENGINEER**

SIGNATURE: \_\_\_\_\_ P.E.

**ROADWAY DESIGN ENGINEER**

SIGNATURE: \_\_\_\_\_ P.E.

**DIVISION OF HIGHWAYS**  
**STATE OF NORTH CAROLINA**

SIGNATURE: \_\_\_\_\_ P.E.

STATE DESIGN ENGINEER  
**DEPARTMENT OF TRANSPORTATION**  
**FEDERAL HIGHWAY ADMINISTRATION**

APPROVED  
 DIVISION ADMINISTRATOR

DATE