

TIP PROJECT: R-2552C

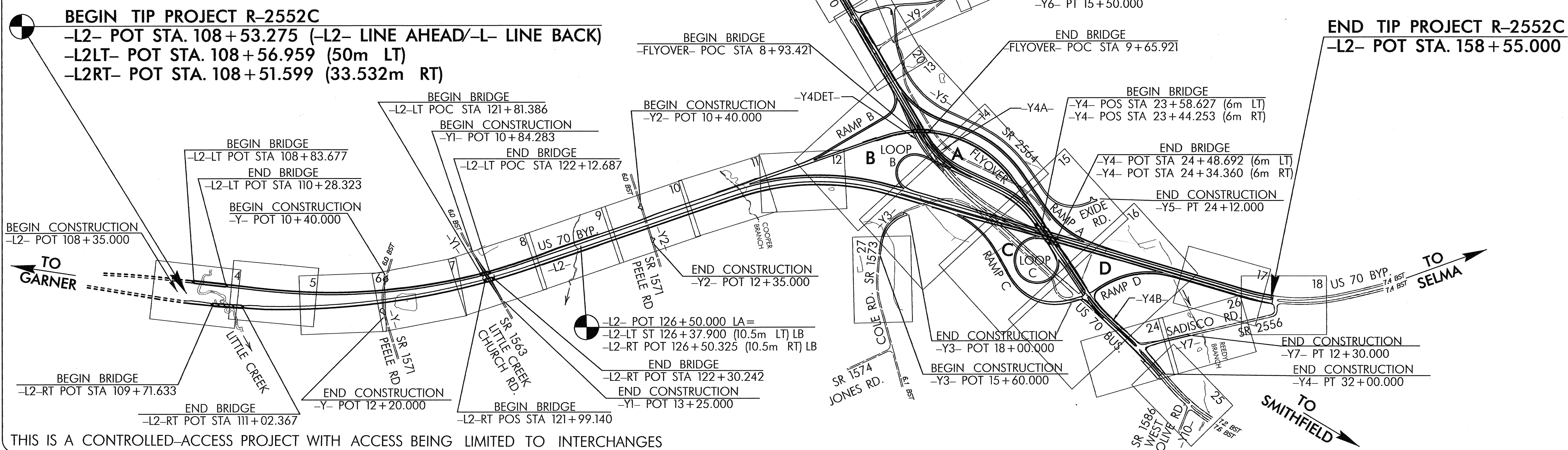
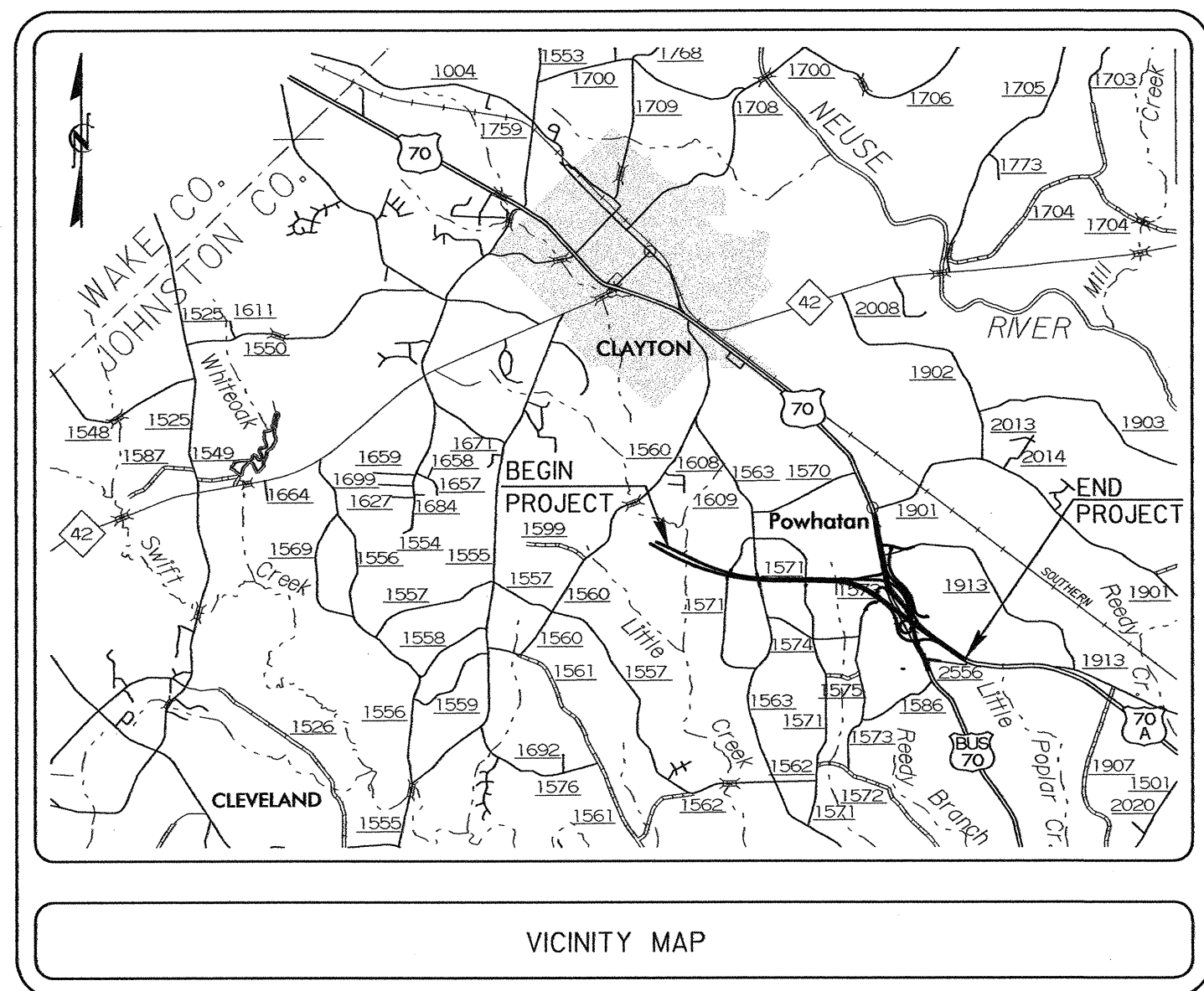
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

JOHNSTON COUNTY

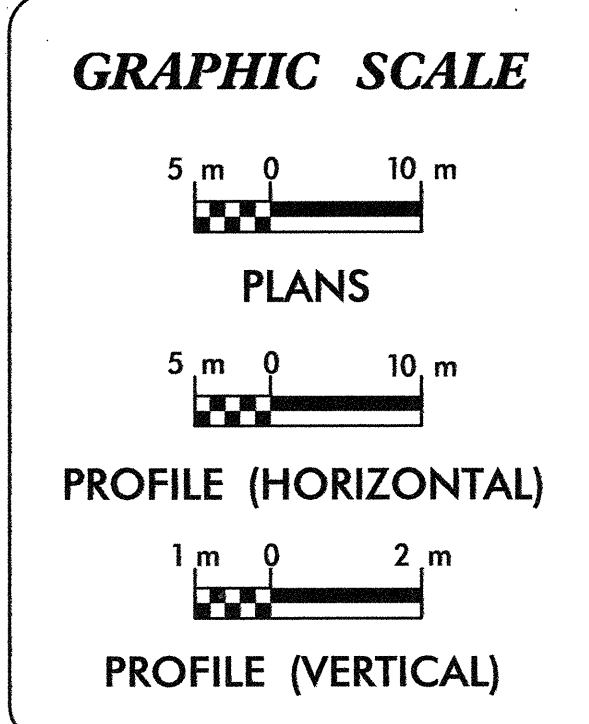
LOCATION: US 70 (CLAYTON BYPASS) FROM EAST OF SR 1560 TO US 70 EAST OF CLAYTON
TYPE OF WORK: GRADING, DRAINAGE, PAVING, SIGNALS, STRUCTURES, AND CULVERTS

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.	R-2552C	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
34459.1.1	NHF-60-1(9)	P.E.	
34459.2.7		R.W. & UTIL.	
34459.3.5		CONST.	



CONTRACT:



DESIGN DATA

ADT 2005 =	29,500
ADT 2025 =	55,800
DHV =	10 %
D =	65 %
T =	16 % *
V =	110 km/h

* TTST 10% + DUAL 6%

PROJECT LENGTH

-L2- LENGTH ROADWAY TIP PROJECT R-2552C =	4.842 km
LENGTH STRUCTURE TIP PROJECT R-2552C =	0.162 km
TOTAL LENGTH TIP PROJECT R-2552C =	5.004 km

-L2-RT WAS USED TO DETERMINE STRUCTURE LENGTH

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

2002 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
April 30, 2003

LETTING DATE:
May 17, 2005

Stephen C. Browde, P.E.
PROJECT ENGINEER

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

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PROJECT ENGINEER - DESIGN SERVICES

HYDRAULICS ENGINEER

ROADWAY DESIGN ENGINEER

ROADWAY DESIGN ENGINEER

**DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA**

cut m. millan P.E.
STATE DESIGN ENGINEER

**DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION**

APPROVED
DIVISION ADMINISTRATOR

DATE

8-1425(2005) 10/02 2552C-BY TSH/DON
DATE PLOTTED: 11/11/05 11:11 AM