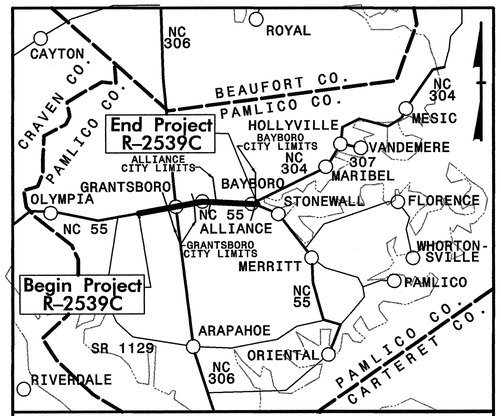
TIP PROJECT: R-2539C

CONTRACT: C201116

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



VICINITY MAP

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PAMLICO COUNTY

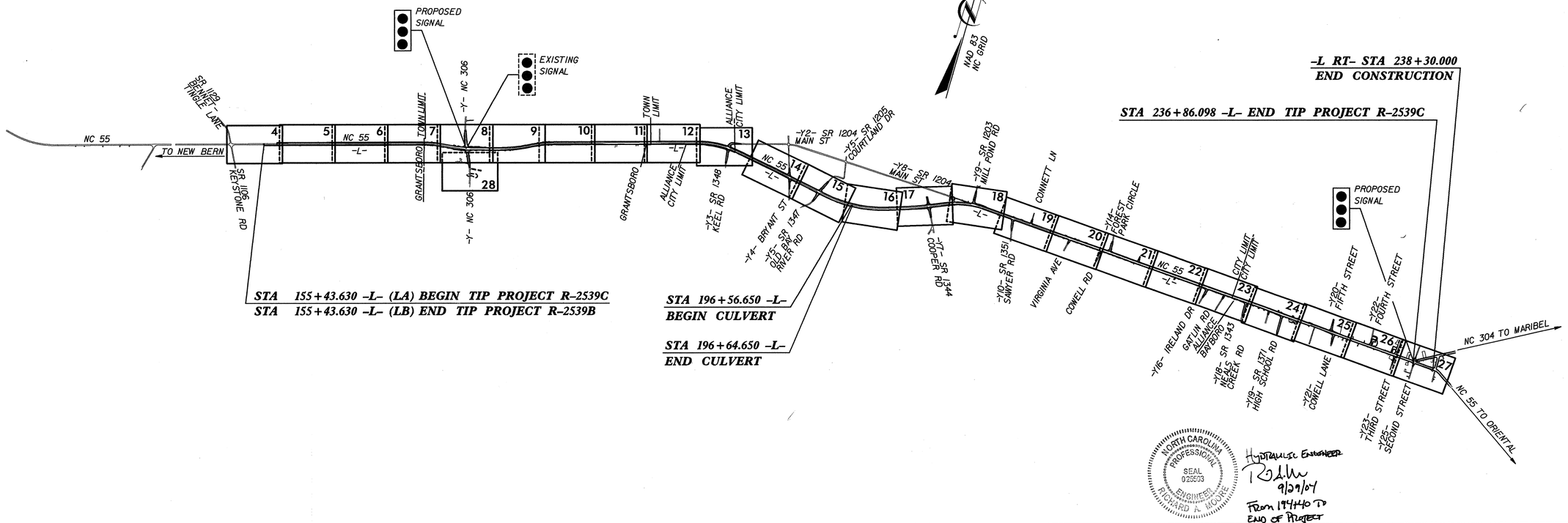
LOCATION: NC 55 FROM EAST OF SR 1129 (BENNETT–TINGLE ROAD) TO NC 304 IN BAYBORO

TYPE OF WORK: GRADING, DRAINAGE, PAVING, CURB & GUTTER, CULVERTS, SIGNALS, & SIGNING

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-2539C	1	

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
34452.1.1	STP-55(1)	PE
34452.2.4	STP-55(31)	R/W, UTIL.
34452.3.7	STP-55(33)	CONST.



STA 155+43.630 –L– (LA) BEGIN TIP PROJECT R–2539C
STA 155+43.630 –L– (LB) END TIP PROJECT R–2539B

STA 196+56.650 –L–
BEGIN CULVERT

STA 196+64.650 –L–
END CULVERT

–L– RT– STA 238+30.000
END CONSTRUCTION

STA 236+86.098 –L– END TIP PROJECT R–2539C

NORTH CAROLINA PROFESSIONAL SEAL 025503 ENGINEER RICHARD A. MOORE

Hydraulic Engineer
9/29/04
From 194+40 To End of Project

GRAPHIC SCALES

PLANS 5 0 10

PROFILE (HORIZONTAL) 5 0 10

PROFILE (VERTICAL) 1 0 2

DESIGN DATA

ADT (2005) = 8,100–15,200
ADT (2025) = 12,800–24,100
DHV = 12%
D = 60% / 63%
T = 7% *
V = 100 km/h (SHOULDER SECTION)
V = 80 km/h (CURB & GUTTER SECTION)
* (TTST 2%+ DUAL 5%)

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT R-2539C =	8.134	Km
LENGTH OF STRUCTURES TIP PROJECT R-2539C =	0.008	Km
TOTAL LENGTH OF TIP PROJECT R-2539C =	8.142	Km

Prepared In the Office of:
GREENHORNE & O'MARA, INC. 5565 CENTERVIEW DRIVE, SUITE 107 RALEIGH, NORTH CAROLINA 27606 (919) 851-1919
FOR THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

2002 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: JULY 31, 2003

LETTING DATE: FEBRUARY 15, 2005

D. C. KEENER, P.E.
PROJECT ENGINEER
GREENHORNE & O'MARA, INC.

H. W. BARE
PROJECT DESIGN ENGINEER
GREENHORNE & O'MARA, INC.

NCDOT CONTACT: TERESA BRUTON, P.E.
PROJECT ENGINEER – PROJECT SERVICES

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 24451 ENGINEER STACEY R. BAILEY

SIGNATURE: 9/29/04 P.E.

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 18505 ENGINEER JOANNA C. KEENER

SIGNATURE: 9-29-04 P.E.

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

art McMillan P.E.
STATE DESIGN ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ADMINISTRATOR *DATE*

SYSTIME/DGN/SHEET1