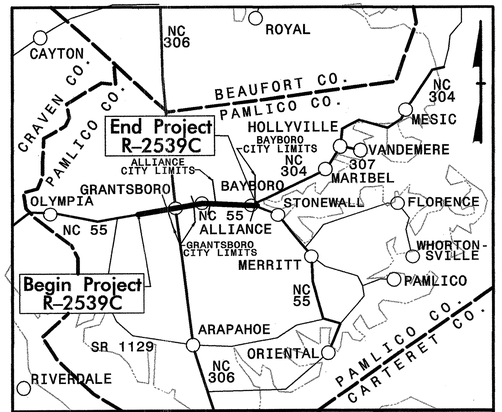
R-2539C

PROJECT: 8.1170901

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



VICINITY MAP SHOWING LOCATION OF STATE PROJECT R-2539C

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PAMLICO COUNTY

LOCATION: NC 55 FROM EAST OF SR 1129 TO NC 304 IN BAYBORO

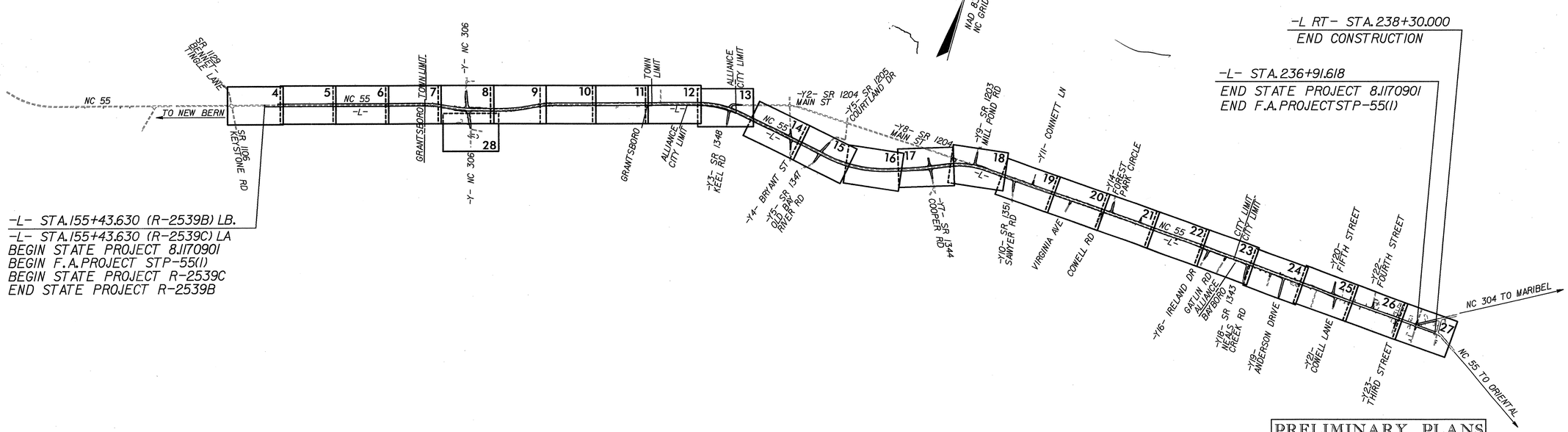
TYPE OF WORK: GRADING, DRAINAGE, PAVING, CURB & GUTTER, CULVERTS & SIGNALS

METRIC

ALL DIMENSIONS IN THESE PLANS ARE IN METERS UNLESS OTHERWISE SHOWN

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2539C	2A	45

STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
8.1170901	STP-55(1)	P.E.



PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

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

GRAPHIC SCALES

5 0 10
PLANS

5 0 10
PROFILE (HORIZONTAL)

1 0 2
PROFILE (VERTICAL)

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 F.A. PROJECT STP-55(1) = 8.148 – Km
TOTAL LENGTH STATE ROADWAY PROJECT 8.1170901 = 8.148 – 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:
PRODUCTION R/W: JULY 2003
T.I.P. R/W: FEBRUARY 2004

LETTING DATE:
JUNE 21, 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 – DESIGN SERVICES

HYDRAULICS ENGINEER
SIGNATURE: P.E.

ROADWAY DESIGN ENGINEER
SIGNATURE: P.E.

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
STATE DESIGN ENGINEER P.E.

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED
DIVISION ADMINISTRATOR DATE