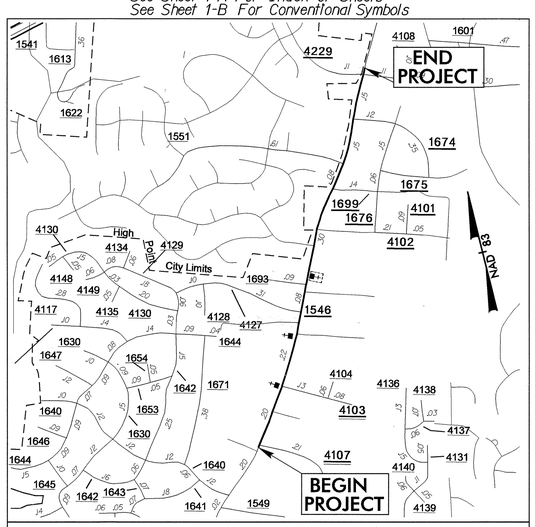
9/09/99

CONTRACT: C201418 TIP PROJECT: U-2913B

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



VICINITY MAP

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

GUILFORD COUNTY

ALL DIMENSIONS IN THESE PLANS ARE IN METERS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-2913B	1	

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
8.2492801	STP-1546(7)	
34886.1.1	STP-1546(9)	PE
34886.2.3	STP-1546(10)	RW, UTIL.
34886.3.6	STP-1546(15)	CONST.

LOCATION: SR 1546 (GUILFORD COLLEGE ROAD) FROM NORTH OF SR 1549 (MACKAY ROAD) TO SOUTH OF SR 1541 (WENDOVER AVE.)

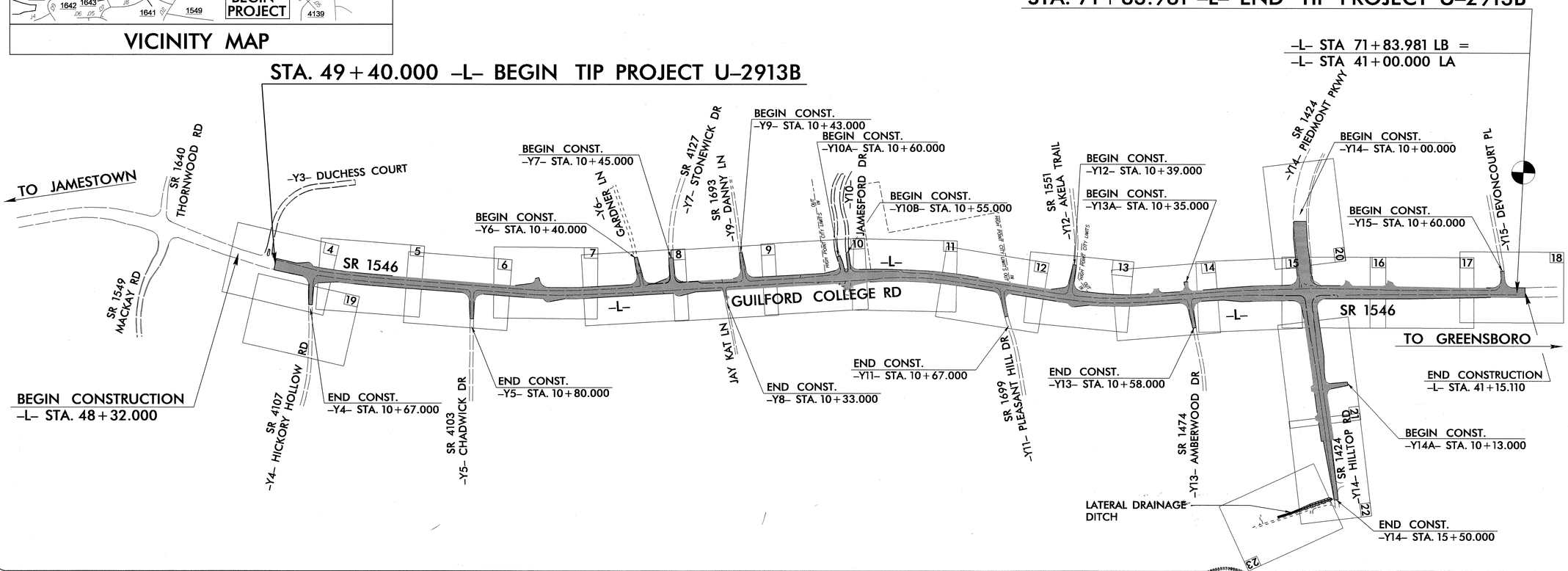
TYPE OF WORK: GRADING, DRAINAGE, CURB & GUTTER, PAVING, RETAINING WALLS, AND TRAFFIC SIGNAL

NAD 83

STA. 49 + 40.000 –L– BEGIN TIP PROJECT U-2913B

STA. 71 + 83.981 –L– END TIP PROJECT U-2913B

–L– STA 71 + 83.981 LB =
–L– STA 41 + 00.000 LA



GRAPHIC SCALES

2.5m 0 5m
PLANS
2.5m 0 5m
PROFILE (HORIZONTAL)
.5m 0 1m
PROFILE (VERTICAL)

DESIGN DATA

ADT 2004 = 25,220
ADT 2025 = 33,200
DHV = 11%
D = 55%
*T = 6%
V = 80 km/h
TTST = 2% DUALS = 4%

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT U-2913B = 2.244 km
TOTAL LENGTH OF TIP PROJECT U-2913B = 2.244 km

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

2002 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
JANUARY 31, 2003

LETTING DATE:
FEBRUARY 15, 2005

JAMES A. SPEER, PE
PROJECT ENGINEER

DANNY GARDNER
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 19775 ENGINEER RAY D. ZAMMITO
Ray D. Zammito 20 OCT 04 P.E.
SIGNATURE

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 14971 ENGINEER JAMES A SPEER
P.E.
SIGNATURE 10/20/04

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

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ADMINISTRATOR *DATE*

06-AUG-2004 10:20
R:\Projects\u2913b\t5\RD212399

RD212399 Friday August 06 2004 u2913btsh DWGardner rd-07oce34