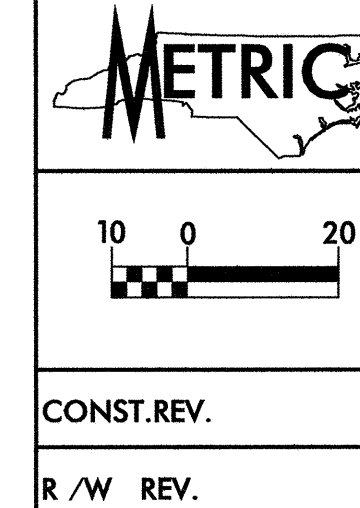


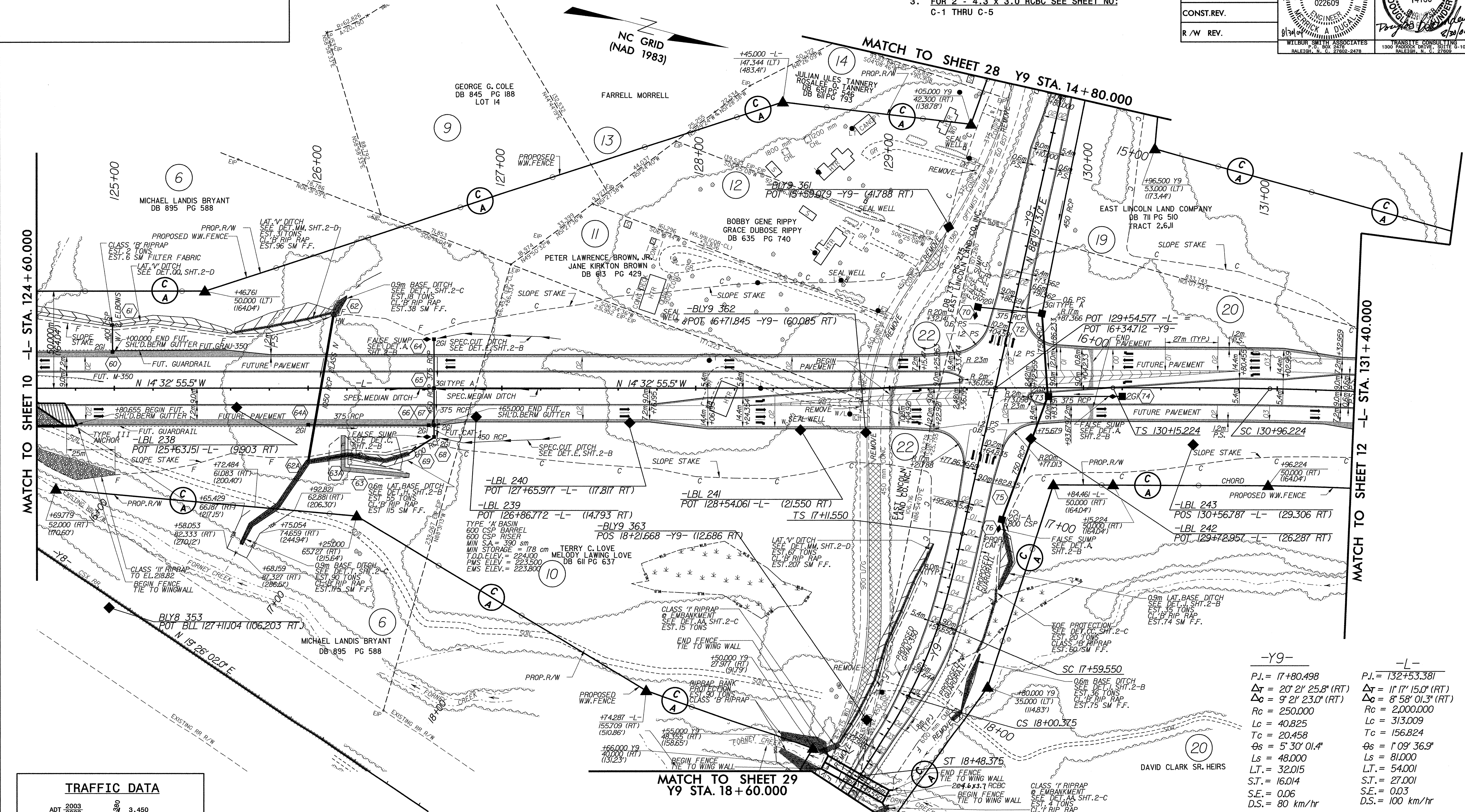
REVISIONS

NOTES

- 1. FOR PROFILE OF: SEE SHEET NO:
-L- 38 THRU 40
Y9 56 THRU 57
- 2. FOR CROSS SECTIONS OF: SEE SHEET NO:
-L- X-38 THRU X-51
Y9 X-153 THRU X-161
- 3. FOR 2 - 4.3 x 3.0 RCBC SEE SHEET NO:
C-1 THRU C-5



PROJECT REFERENCE NO. R-2206B	SHEET NO. 11
R/W SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	SEAL
022609	14160
02/24/04	02/24/04
WILBUR SMITH ASSOCIATES P.O. BOX 2478 RALEIGH, N.C. 27602-2478	TRANSITE CONSULTING 1300 PARKWAY DRIVE, SUITE 9-10 RALEIGH, N.C. 27609



TRAFFIC DATA

ADT 2003	3,450
2023	6,810
2,130	540
3,890	972
12,050	11,210
20,400	18,490
890	1,480
1,510	2,590
	3,220
	6,020

-Y9-	-L-
P.I. = 17+80.498	P.I. = 132+53.381
$\Delta T = 20' 21" 25.8" (RT)$	$\Delta T = 11' 17" 15.0" (RT)$
$\Delta C = 9' 21" 23.0" (RT)$	$\Delta C = 8' 58" 01.3" (RT)$
Rc = 250.000	Rc = 2,000.000
Lc = 40.825	Lc = 313.009
Tc = 20.458	Tc = 156.824
$\Theta_s = 5' 30" 01.4"$	$\Theta_s = 1' 09" 36.9"$
Ls = 48.000	Ls = 81.000
L.T. = 32.015	L.T. = 54.001
S.T. = 16.014	S.T. = 27.001
S.E. = 0.06	S.E. = 0.03
D.S. = 80 km/hr	D.S. = 100 km/hr

DATE: 02/24/04
TIME: 10:00 AM
SHEET: 11