

-Y4DET- DETOUR DETAIL

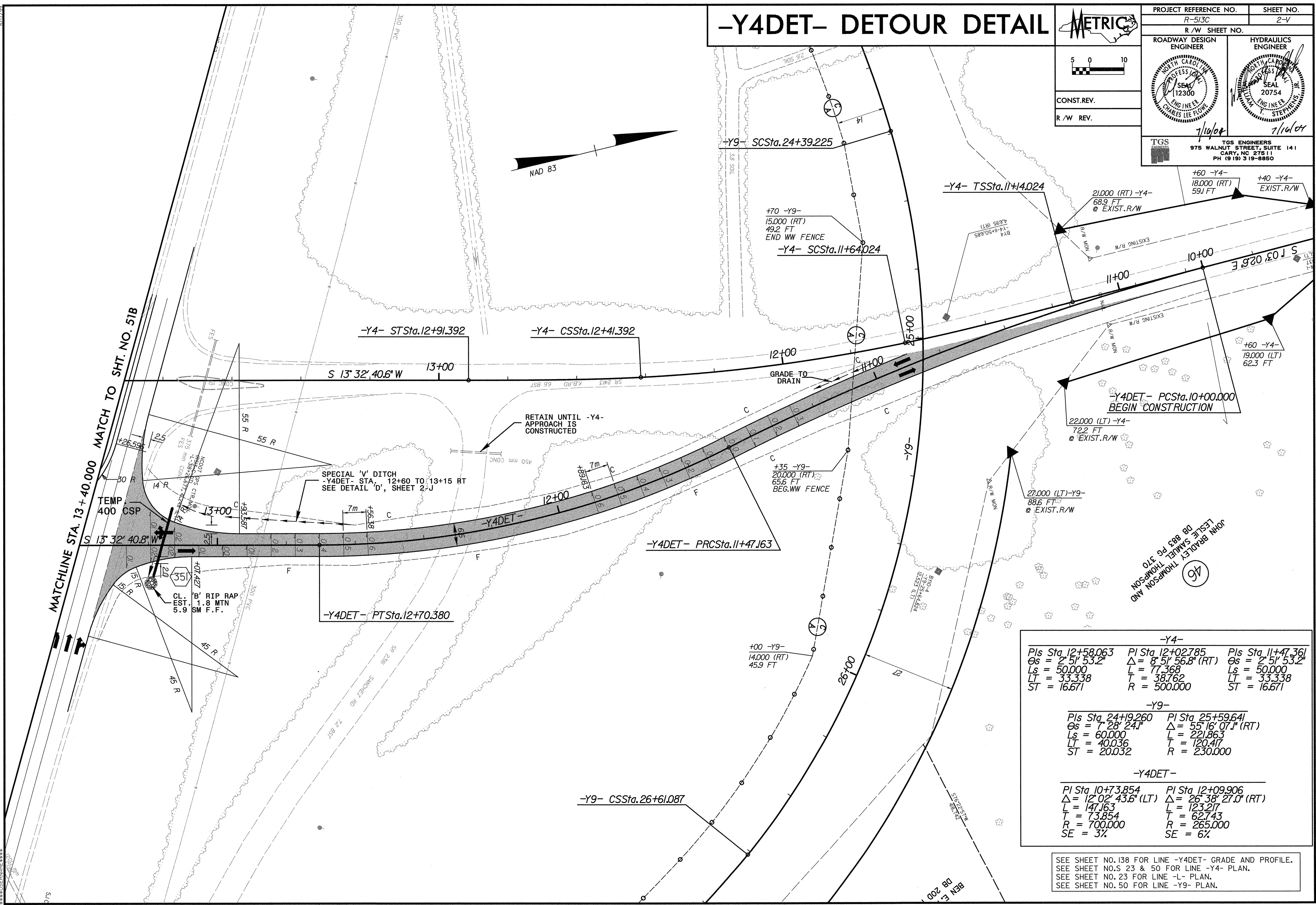
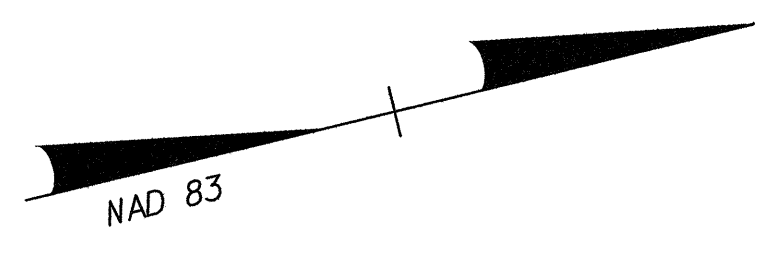
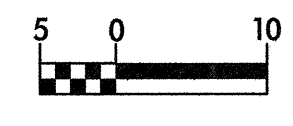
METRIC

PROJECT REFERENCE NO. R-513C SHEET NO. 2-V
 R/W SHEET NO.
 ROADWAY DESIGN ENGINEER
 HYDRAULICS ENGINEER

CONST. REV.
 R/W REV.

7/10/04 7/10/04

TGS ENGINEERS
 975 WALNUT STREET, SUITE 141
 CARY, NC 27511
 PH (919) 319-8850



-Y4-		
Pls Sta 12+58.063	PI Sta 12+02.785	Pls Sta 11+47.361
Es = 2' 5" 53.2"	Δ = 8' 5" 56.8" (RT)	Es = 2' 5" 53.2"
Ls = 50.000	L = 77.368	Ls = 50.000
LT = 33.338	T = 38.762	LT = 33.338
ST = 16.671	R = 500.000	ST = 16.671
-Y9-		
Pls Sta 24+19.260	PI Sta 25+59.641	
Es = 7' 28" 24.1"	Δ = 55' 16" 07.1" (RT)	
Ls = 60.000	L = 221.863	
LT = 40.036	T = 120.417	
ST = 20.032	R = 230.000	
-Y4DET-		
PI Sta 10+73.854	PI Sta 12+09.906	
Δ = 12' 02" 43.6" (LT)	Δ = 26' 38" 27.0" (RT)	
L = 147.163	L = 123.217	
T = 73.854	T = 62.743	
R = 700.000	R = 265.000	
SE = 3%	SE = 6%	

SEE SHEET NO. 138 FOR LINE -Y4DET- GRADE AND PROFILE.
 SEE SHEET NO.S 23 & 50 FOR LINE -Y4- PLAN.
 SEE SHEET NO. 23 FOR LINE -L- PLAN.
 SEE SHEET NO. 50 FOR LINE -Y9- PLAN.

*****SYSTEMS*****
 *****DESIGN*****
 *****CONSTRUCTION*****

PLS:WBR/0513C_05E21.PSH 07/14/2004 08:18:03 AM