

**METRIC**

5 0 10

CONST. REV.

R/W REV. 05/28/03

PROJECT REFERENCE NO. R-0513A	SHEET NO. 28
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

TGS Engineers  
975 Walnut Street, Suite 141  
Cary, NC 27511

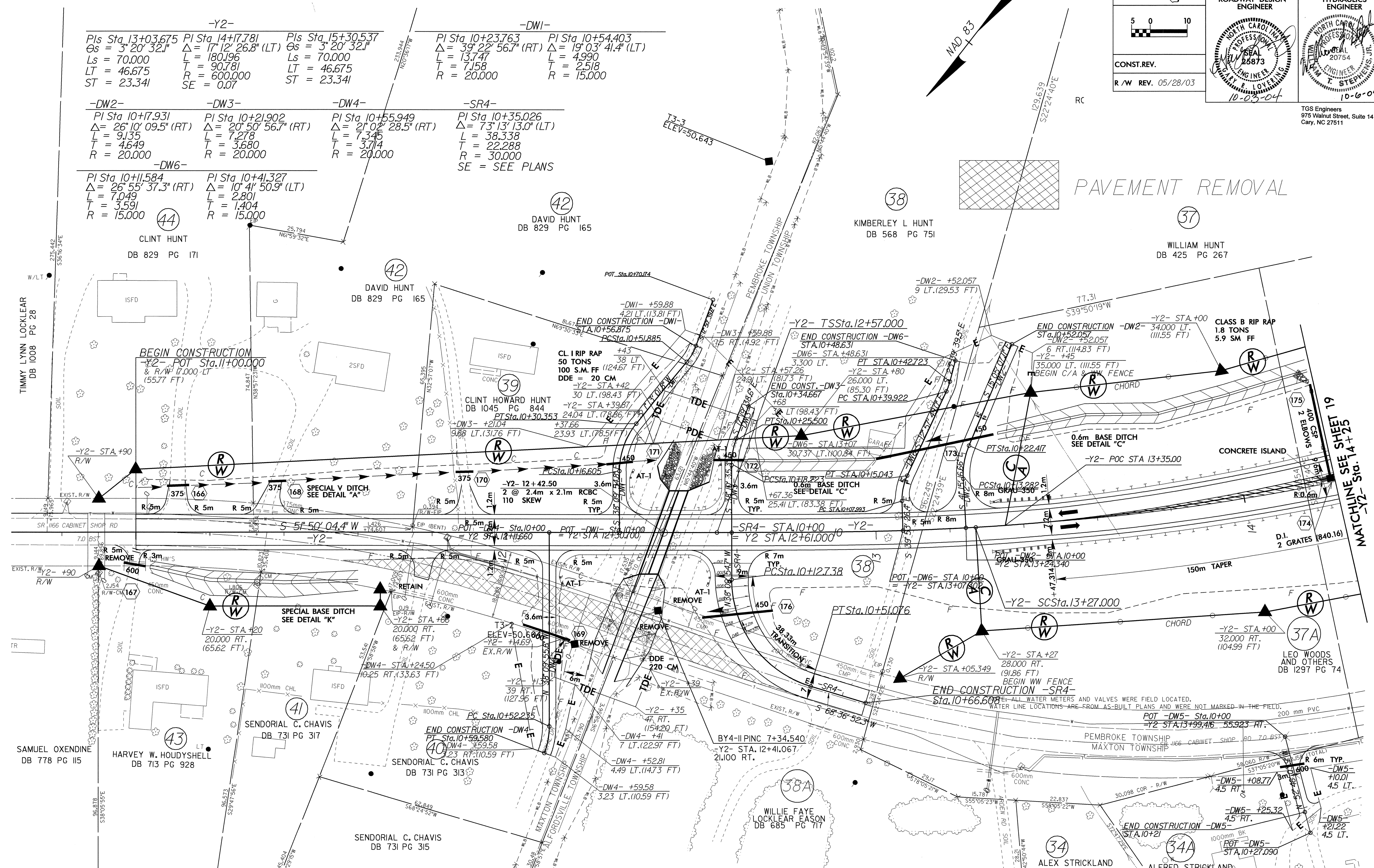
-Y2-			-DW1-	
Pls Sta. 13+03.675	PI Sta. 14+17.781	Pls Sta. 15+30.537	PI Sta. 10+23.763	PI Sta. 10+54.403
$\Delta = 3^{\circ} 20' 32.1''$	$\Delta = 17^{\circ} 12' 26.8''$ (LT)	$\Delta = 3^{\circ} 20' 32.1''$	$\Delta = 39^{\circ} 22' 56.7''$ (RT)	$\Delta = 19^{\circ} 03' 41.4''$ (LT)
Ls = 70.000	L = 180.196	Ls = 70.000	L = 13.747	L = 4.990
LT = 46.675	T = 90.781	LT = 46.675	L = 7.158	L = 2.518
ST = 23.341	R = 600.000	ST = 23.341	R = 20.000	R = 15.000
	SE = 0.07			

-DW2-		-DW3-		-DW4-		-SR4-	
PI Sta. 10+17.931	PI Sta. 10+21.902	PI Sta. 10+55.949	PI Sta. 10+35.026	PI Sta. 10+17.931	PI Sta. 10+21.902	PI Sta. 10+55.949	PI Sta. 10+35.026
$\Delta = 26^{\circ} 10' 09.5''$ (RT)	$\Delta = 20^{\circ} 50' 56.7''$ (RT)	$\Delta = 21^{\circ} 02' 28.5''$ (RT)	$\Delta = 73^{\circ} 13' 13.0''$ (LT)	L = 7.345	L = 38.338	L = 22.288	L = 30.000
L = 9.135	L = 7.278	L = 3.714	L = 7.345	T = 7.345	T = 22.288	T = 30.000	T = 30.000
T = 4.649	T = 3.680	R = 20.000	R = 20.000	R = 20.000	R = 20.000	R = 20.000	R = 20.000
R = 20.000	R = 20.000	SE = 0.07	SE = 0.07	SE = 0.07	SE = 0.07	SE = 0.07	SE = 0.07

-DW6-	
PI Sta. 10+11.584	PI Sta. 10+41.327
$\Delta = 26^{\circ} 55' 37.3''$ (RT)	$\Delta = 10^{\circ} 41' 50.9''$ (LT)
L = 7.049	L = 2.801
T = 3.591	T = 1.404
R = 15.000	R = 15.000



PAVEMENT REMOVAL

NOTE: FOR PROFILE OF -Y2- SEE SHEET NO. 50  
 FOR PROFILE OF -SR4-, -DW1-, -DW2-, -DW3-, -DW4-, -DW5-, -DW6- SEE SHEET NO. 69  
 FOR DITCH DETAILS SEE SHEET 2-0  
 FOR CULVERT PLANS SEE SHEET C-1 TO C-4

8.17.2003  
 30-SEP-2004 14:25  
 R. W. STRICKLAND  
 PROJECT NO. R-0513A SHEET NO. 28