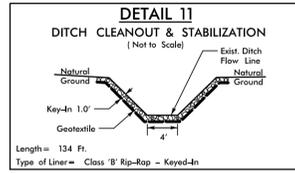
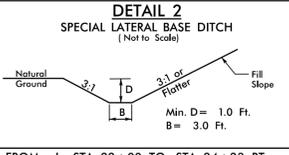
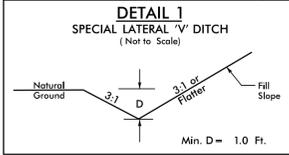


8.17.19

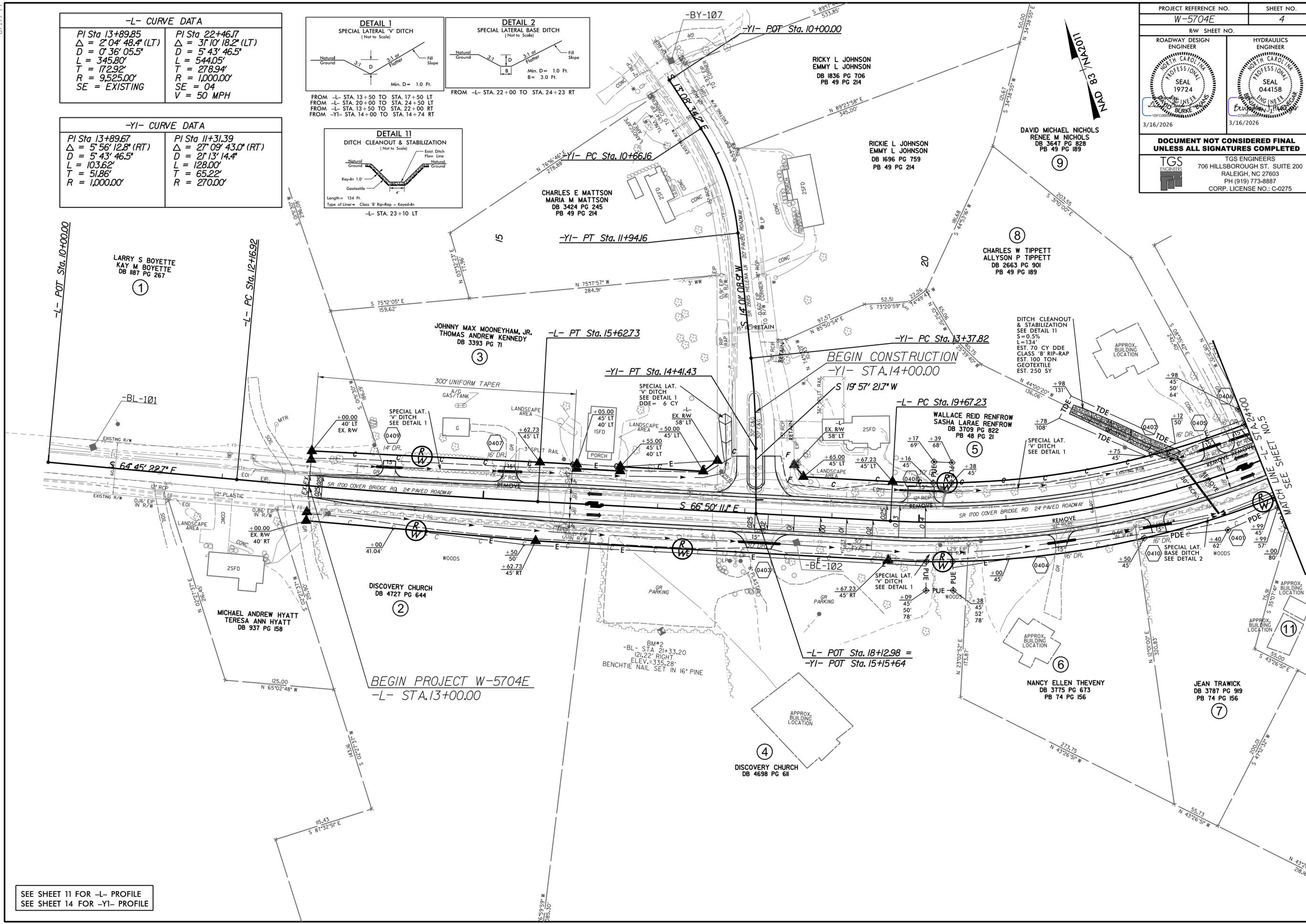
-L- CURVE DATA	
PI Sta 13+89.85	PI Sta 22+46.17
$\Delta = 2^{\circ} 04' 48.4" (LT)$	$\Delta = 3^{\circ} 10' 18.2" (LT)$
$D = 0' 36' 05.5"$	$D = 5' 43' 46.5"$
$L = 345.80'$	$L = 544.05'$
$T = 172.92'$	$T = 278.94'$
$R = 9,525.00'$	$R = 1,000.00'$
$SE = EXISTING$	$V = 50 MPH$

-YI- CURVE DATA	
PI Sta 13+89.67	PI Sta 11+31.39
$\Delta = 5^{\circ} 56' 12.8" (RT)$	$\Delta = 2^{\circ} 09' 43.0" (RT)$
$D = 5' 43' 46.5"$	$D = 2' 13' 14.4"$
$L = 103.62'$	$L = 128.00'$
$T = 51.86'$	$T = 65.22'$
$R = 1,000.00'$	$R = 270.00'$



FROM -L- STA. 13+50 TO STA. 17+50 LT  
 FROM -L- STA. 20+00 TO STA. 24+50 LT  
 FROM -L- STA. 13+50 TO STA. 22+00 RT  
 FROM -YI- STA. 14+00 TO STA. 14+74 RT

Length = 134 Ft.  
 Type of Liner = Class 'B' Rip-Rap - Keyed-In  
 -L- STA. 23+10 LT



PROJECT REFERENCE NO. <b>W-5704E</b>	SHEET NO. <b>4</b>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	
TGS ENGINEERS 706 HILLSBOROUGH ST., SUITE 200 RALEIGH, NC 27603 PH (919) 773-8887 CORP. LICENSE NO.: C-0275	

SEE SHEET 11 FOR -L- PROFILE  
 SEE SHEET 14 FOR -YI- PROFILE

3/16/2026  
 C:\projects\w-5704e\roadway\proj\w-5704e\_rdy\_psh04.dgn  
 User:bevans