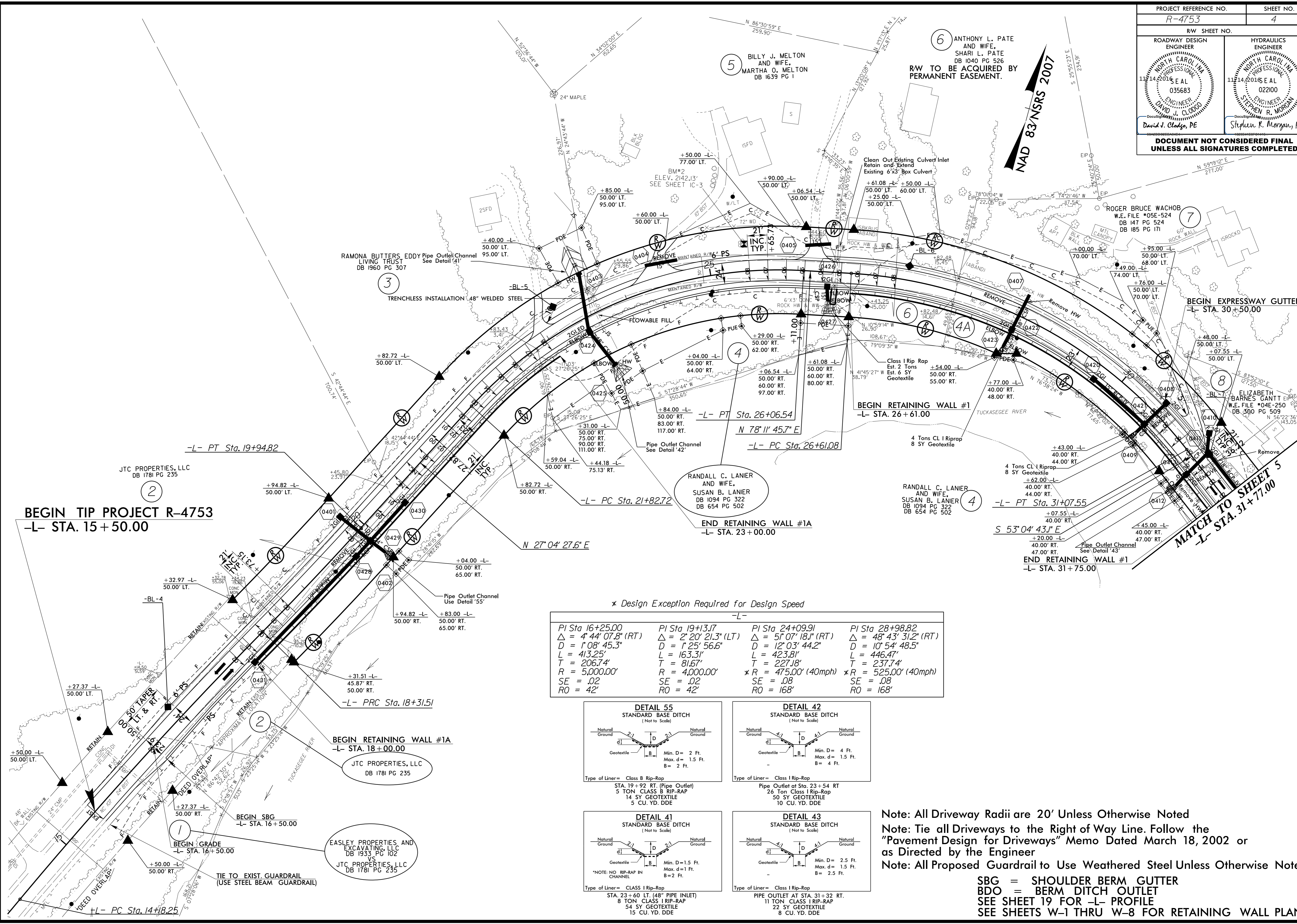


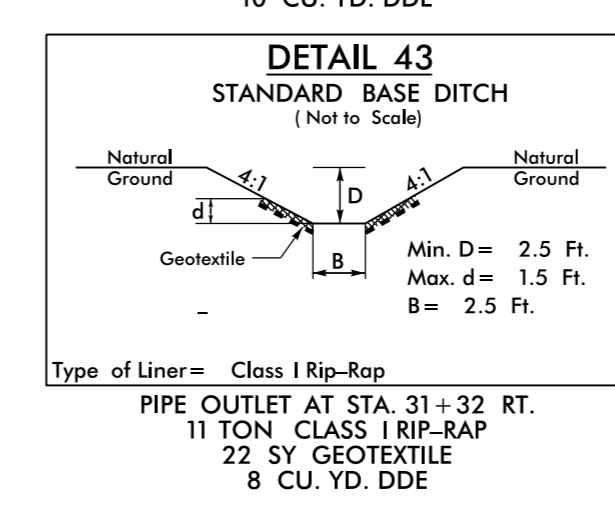
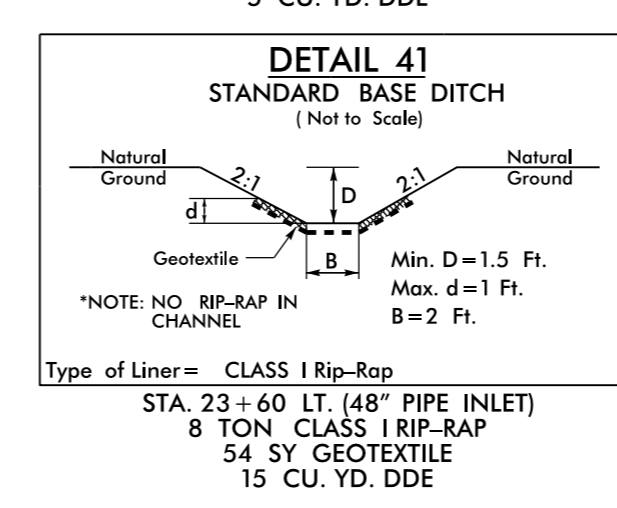
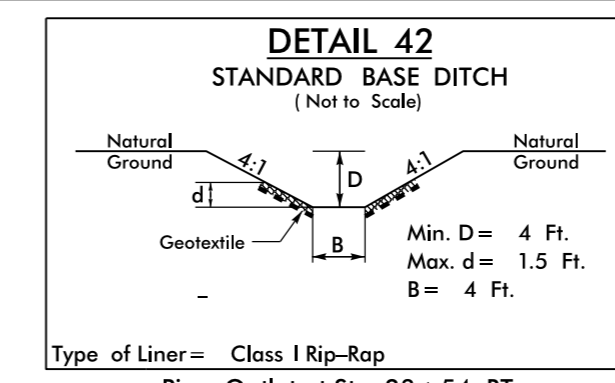
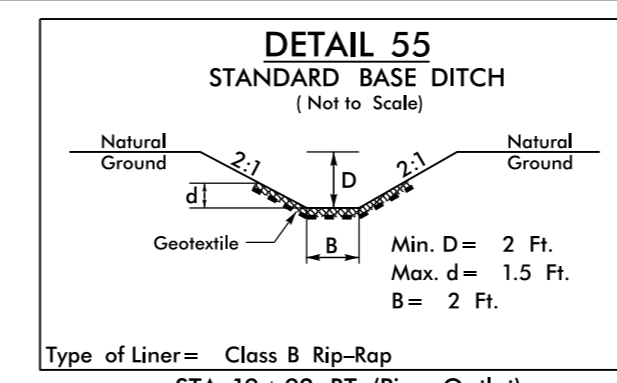
PROJECT REFERENCE NO. R-4753		SHEET NO. 4	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
David J. Cloddo, PE		Stephen R. Morgan, PE	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>			

REVISIONS



\* Design Exception Required for Design Speed

PI Sta	PI Sta	PI Sta	PI Sta
16+25.00	19+13.17	24+09.91	28+98.82
$\Delta = 4' 44" 07.8" (RT)$	$\Delta = 2' 20" 21.3" (LT)$	$\Delta = 5' 07" 18.1" (RT)$	$\Delta = 48' 43" 31.2" (RT)$
$D = 1' 08" 45.3"$	$D = 1' 25" 56.6"$	$D = 12' 03" 44.2"$	$D = 10' 54" 48.5"$
$L = 413.25'$	$L = 163.31'$	$L = 423.81'$	$L = 446.47'$
$T = 206.74'$	$T = 81.67'$	$T = 227.18'$	$T = 237.74'$
$R = 5,000.00'$	$R = 4,000.00'$	* $R = 475.00' (40mph)$	* $R = 525.00' (40mph)$
$SE = .02$	$SE = .02$	$SE = .08$	$SE = .08$
$RO = 42'$	$RO = 42'$	$RO = 168'$	$RO = 168'$



Note: All Driveway Radii are 20' Unless Otherwise Noted  
 Note: Tie all Driveways to the Right of Way Line. Follow the "Pavement Design for Driveways" Memo Dated March 18, 2002 or as Directed by the Engineer  
 Note: All Proposed Guardrail to Use Weathered Steel Unless Otherwise Noted

SBG = SHOULDER BERM GUTTER  
 BDO = BERM DITCH OUTLET  
 SEE SHEET 19 FOR -L- PROFILE  
 SEE SHEETS W-1 THRU W-8 FOR RETAINING WALL PLANS