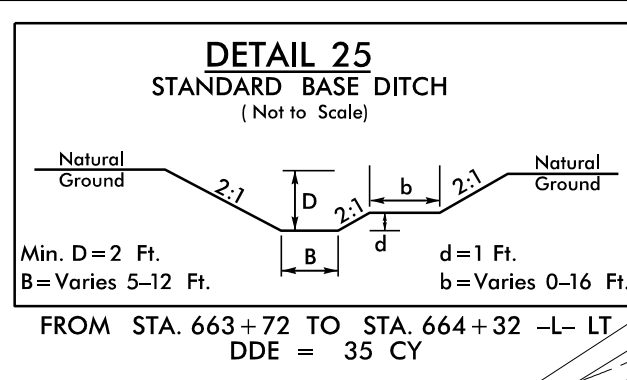


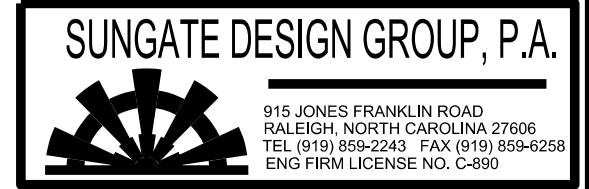
FROM STA. 19+00 TO STA. 20+50 -Y32- LT
DDE = 404 CY



FROM STA. 663+72 TO STA. 664+32 -L- LT
DDE = 35 CY

PROJECT REFERENCE NO. R-2915D	SHEET NO. 21
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

Engineers • Planners • Scientists • Construction Managers
4601 Six Forks Road, Landmark Center II, Suite 220
Raleigh, NC 27609-5210
Phone (919) 783-9214 • Fax (919) 783-9266

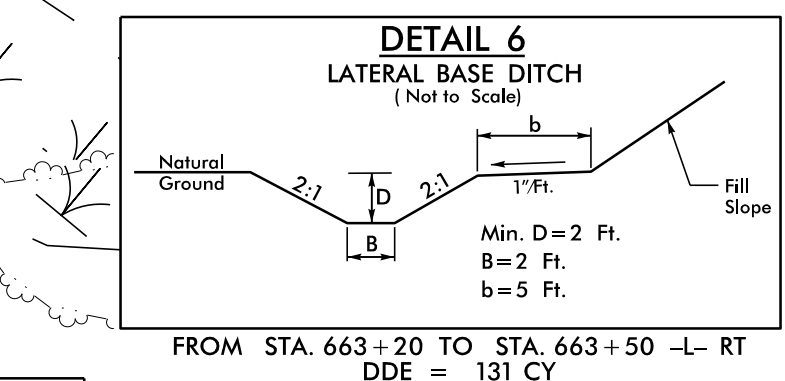


★ REVISED SIGNAL

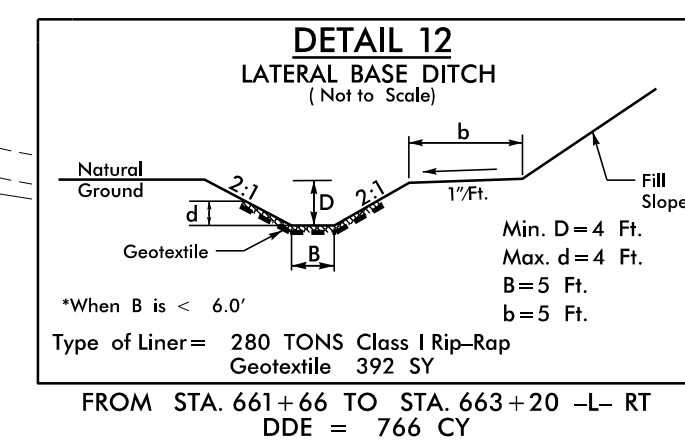
FOR -L- PROFILE, SEE SHEET 32
FOR -Y32- PROFILE, SEE SHEET 35
FOR CULVERT PLANS, SEE SHEET C-1 TO C-6

-L-		
PI Sta 662+61.63	PI Sta 665+89.68	PI Sta 672+70.19
$\Delta s = 2' 45" 51.4"$	$\Delta = 9' 29" 00.8" (LT)$	$\Delta = 20' 35" 52.2" (LT)$
$Ls = 275.00'$	$D = 2' 00" 37.4"$	$D = 2' 20" 19.0"$
$LT = 183.36'$	$L = 471.73'$	$L = 880.77'$
$ST = 91.69'$	$T = 236.40'$	$T = 445.19'$
	$R = 2,850.00'$	$R = 2,450.00'$
	$SE = .05$	$SE = .05$
	$RUNOFF = 275'$	$RUNOFF = SEE PLANS$

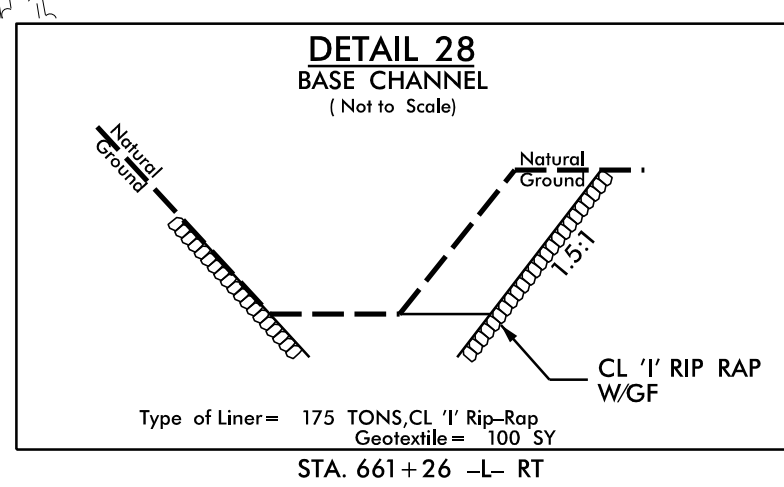
MATCH LINE -L- STA. 660+00
SEE SHEET NO. 20



FROM STA. 663+20 TO STA. 663+50 -L- RT
DDE = 131 CY



FROM STA. 661+66 TO STA. 663+20 -L- RT
DDE = 766 CY



FROM STA. 661+26 -L- RT

US 221 & SR 1143			
18771			
29200			
NC 194	-Y32-		
5600	8600	7914	12200
14714	US 221	-L-	16714
25000			28000
1643	3000	1329	2400
NC 163	-Y32-		
8229	13800	2015 ADT	2035 ADT

NOTE: ALL EXISTING CONTROL OF ACCESS FENCE TO BE REMOVED UNLESS OTHERWISE NOTED.

MATCH LINE -Y32- STA. 25+25
SEE SHEET NO. 23

8.17.79.99
P:\2014\2014-2915D\Roadway\Pro\R2915D_Rdu_psh_21.dgn
8/20/14 10:55 AM
8/20/14 10:55 AM
8/20/14 10:55 AM