

PROJECT REFERENCE NO.	SHEET NO.
R-3100B	EC-23/CONST.09
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

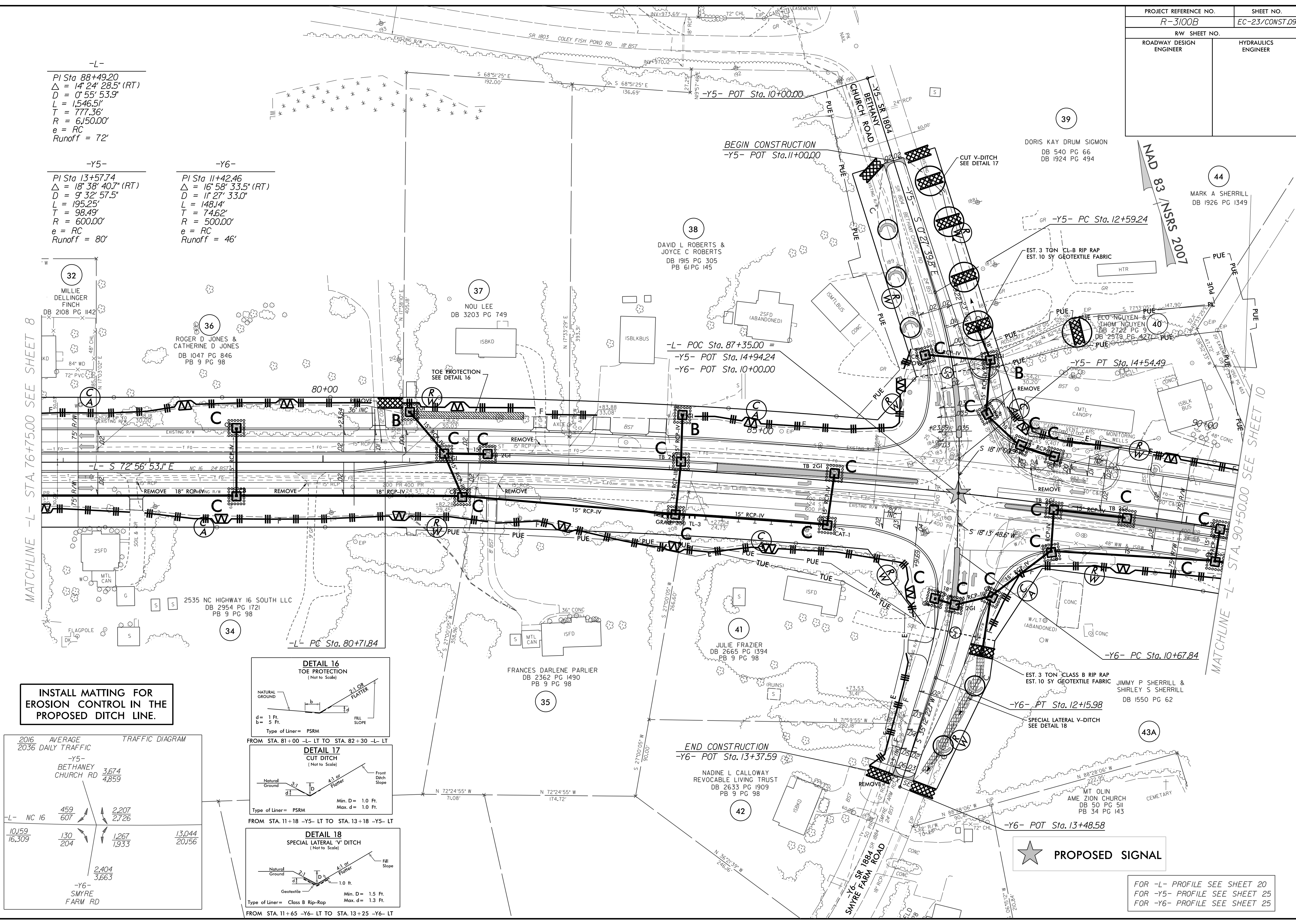
-L-  
 PI Sta 88+49.20  
 $\Delta = 14^{\circ} 24' 28.5"$  (RT)  
 $D = 0^{\circ} 55' 53.9"$   
 $L = 1,546.51'$   
 $T = 777.36'$   
 $R = 6,150.00'$   
 $e = RC$   
 Runoff = 72'

-Y5-  
 PI Sta 13+57.74  
 $\Delta = 18^{\circ} 38' 40.7"$  (RT)  
 $D = 9^{\circ} 32' 57.5"$   
 $L = 195.25'$   
 $T = 98.49'$   
 $R = 600.00'$   
 $e = RC$   
 Runoff = 80'

-Y6-  
 PI Sta 11+42.46  
 $\Delta = 16^{\circ} 58' 33.5"$  (RT)  
 $D = 11^{\circ} 27' 33.0"$   
 $L = 148.14'$   
 $T = 74.62'$   
 $R = 500.00'$   
 $e = RC$   
 Runoff = 46'

MATCHLINE -L- STA. 76+75.00 SEE SHEET 8

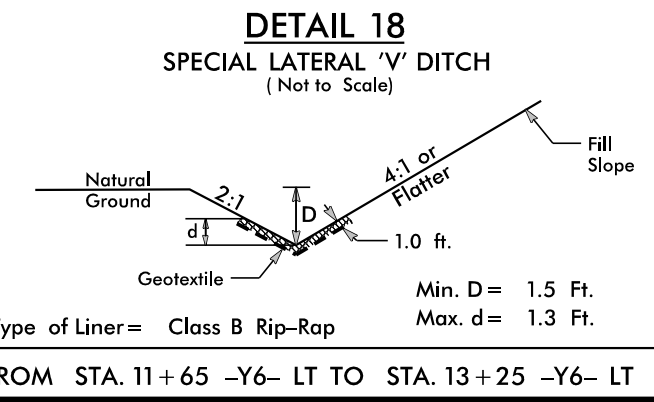
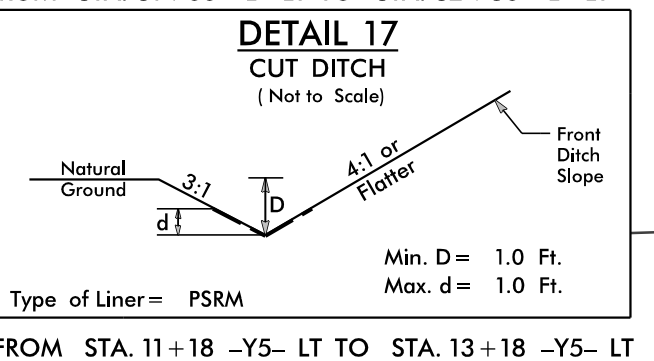
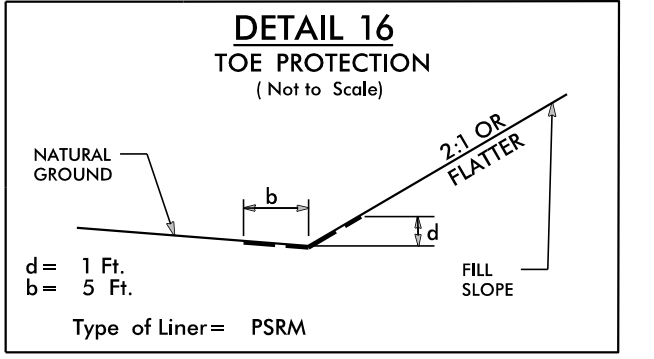
MATCHLINE -L- STA. 90+50.00 SEE SHEET 10



**INSTALL MATTING FOR EROSION CONTROL IN THE PROPOSED DITCH LINE.**

2016 AVERAGE TRAFFIC DIAGRAM  
 2036 DAILY TRAFFIC

-Y5- BETHANEY CHURCH RD		3,674 4,859	
-L- NC 16	459 607	2,207 2,726	
10,159 16,309	130 204	1,267 1,933	13,044 20,156
-Y6- SMYRE FARM RD		2,404 3,663	



★ PROPOSED SIGNAL

FOR -L- PROFILE SEE SHEET 20  
 FOR -Y5- PROFILE SEE SHEET 25  
 FOR -Y6- PROFILE SEE SHEET 25