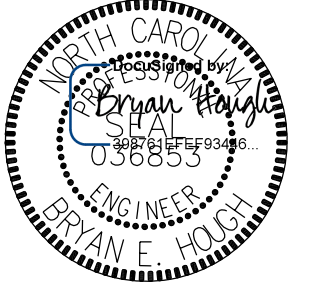
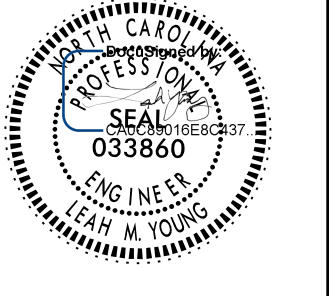

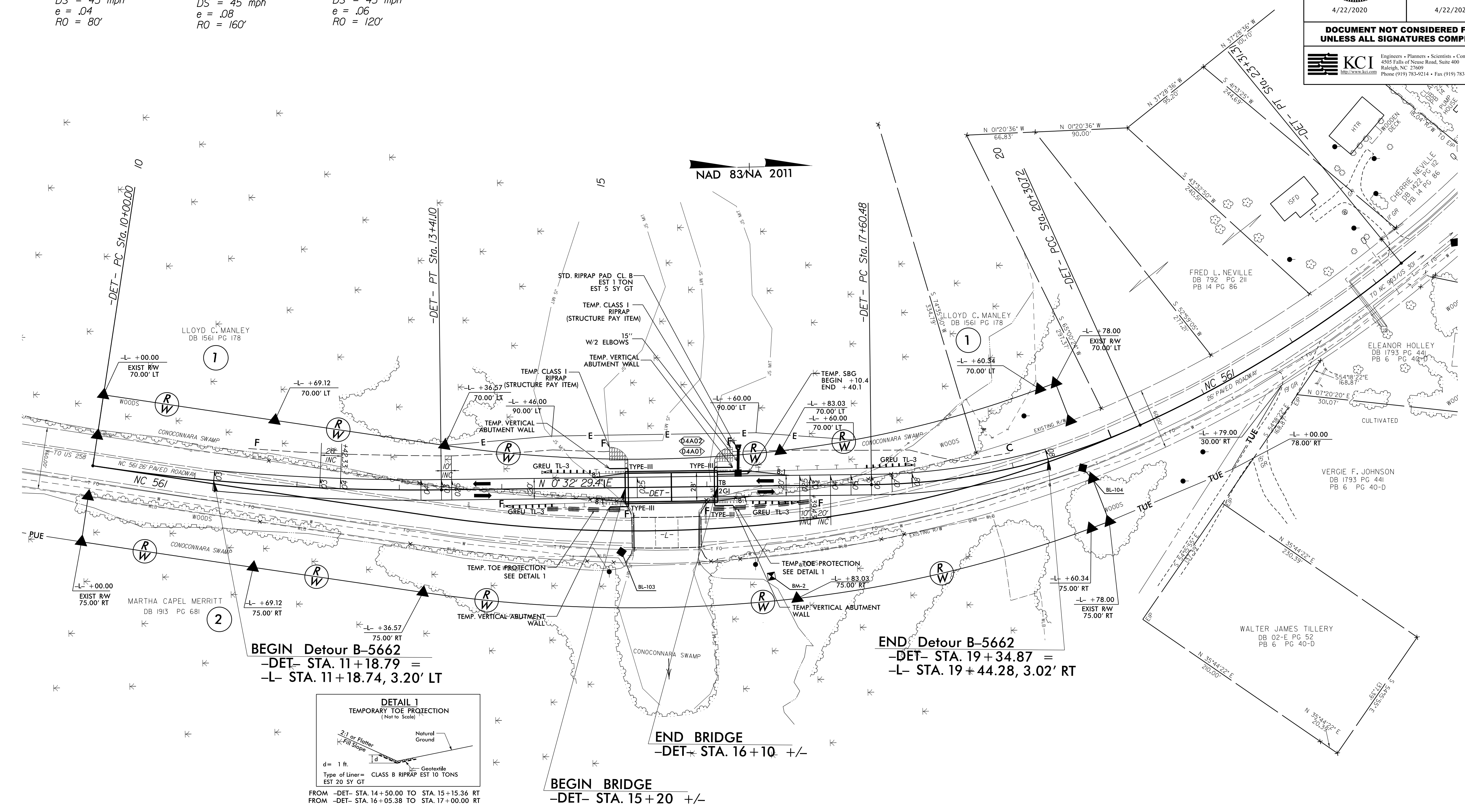


8.17.17.99

PROJECT REFERENCE NO. <b>B-5662</b>		SHEET NO. <b>4A</b>	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
 B. HOCH 036853 ENGINEER BRYAN E. HOCH		 L. YOUNG 033860 ENGINEER LEAH M. YOUNG	
4/22/2020		4/22/2020	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>			
 KCI <small>Engineers • Planners • Scientists • Construction Managers 4505 Falls of Neuse Road, Suite 400 Raleigh, NC 27609 Phone (919) 783-9214 • Fax (919) 783-9266</small>			

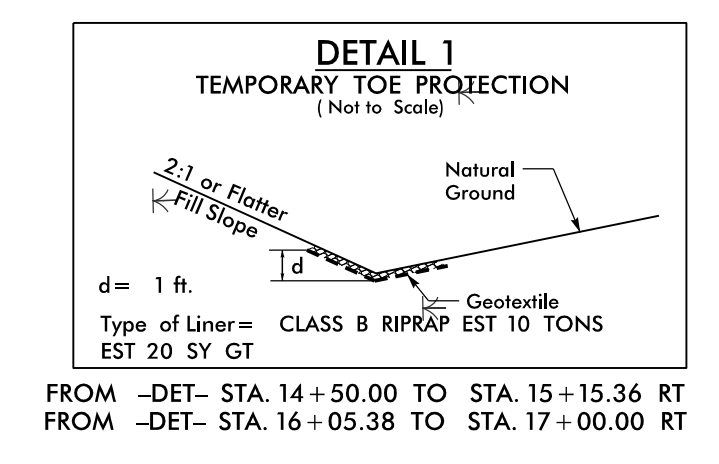
-DET-

PI Sta 11+70.92 $\Delta = 9' 16" 26.4" (LT)$ $D = 2' 43" 07.8"$ $L = 341.10'$ $T = 170.92'$ $R = 2,107.37'$ $DS = 45 \text{ mph}$ $e = .04$ $RO = 80'$	PI Sta 18+97.55 $\Delta = 2' 38" 19.7" (LT)$ $D = 8' 44" 50.8"$ $L = 270.24'$ $T = 137.07'$ $R = 655.00'$ $DS = 45 \text{ mph}$ $e = .08$ $RO = 160'$	PI Sta 21+81.88 $\Delta = 14' 58" 34.8" (LT)$ $D = 4' 58" 56.1"$ $L = 300.59'$ $T = 151.16'$ $R = 1,150.00'$ $DS = 45 \text{ mph}$ $e = .06$ $RO = 120'$
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**BEGIN Detour B-5662**  
 -DET- STA. 11+18.79 =  
 -L- STA. 11+18.74, 3.20' LT

**END Detour B-5662**  
 -DET- STA. 19+34.87 =  
 -L- STA. 19+44.28, 3.02' RT



FOR -DET- PROFILE SEE SHEET 5A  
 FOR -L- DESIGN SEE SHEET 4

P:\A5662\Roadway\Proj\B-5662\Roadway\psh\_DET.dgn  
 21 B-5662\Roadway\Proj\B-5662\Roadway\psh\_DET.dgn  
 21 B-5662\Roadway\Proj\B-5662\Roadway\psh\_DET.dgn  
 21 B-5662\Roadway\Proj\B-5662\Roadway\psh\_DET.dgn