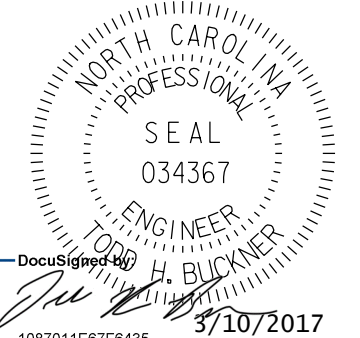

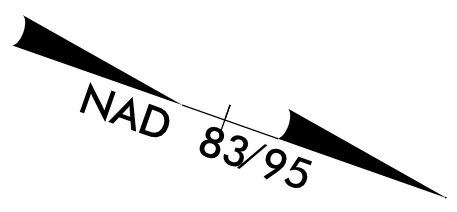
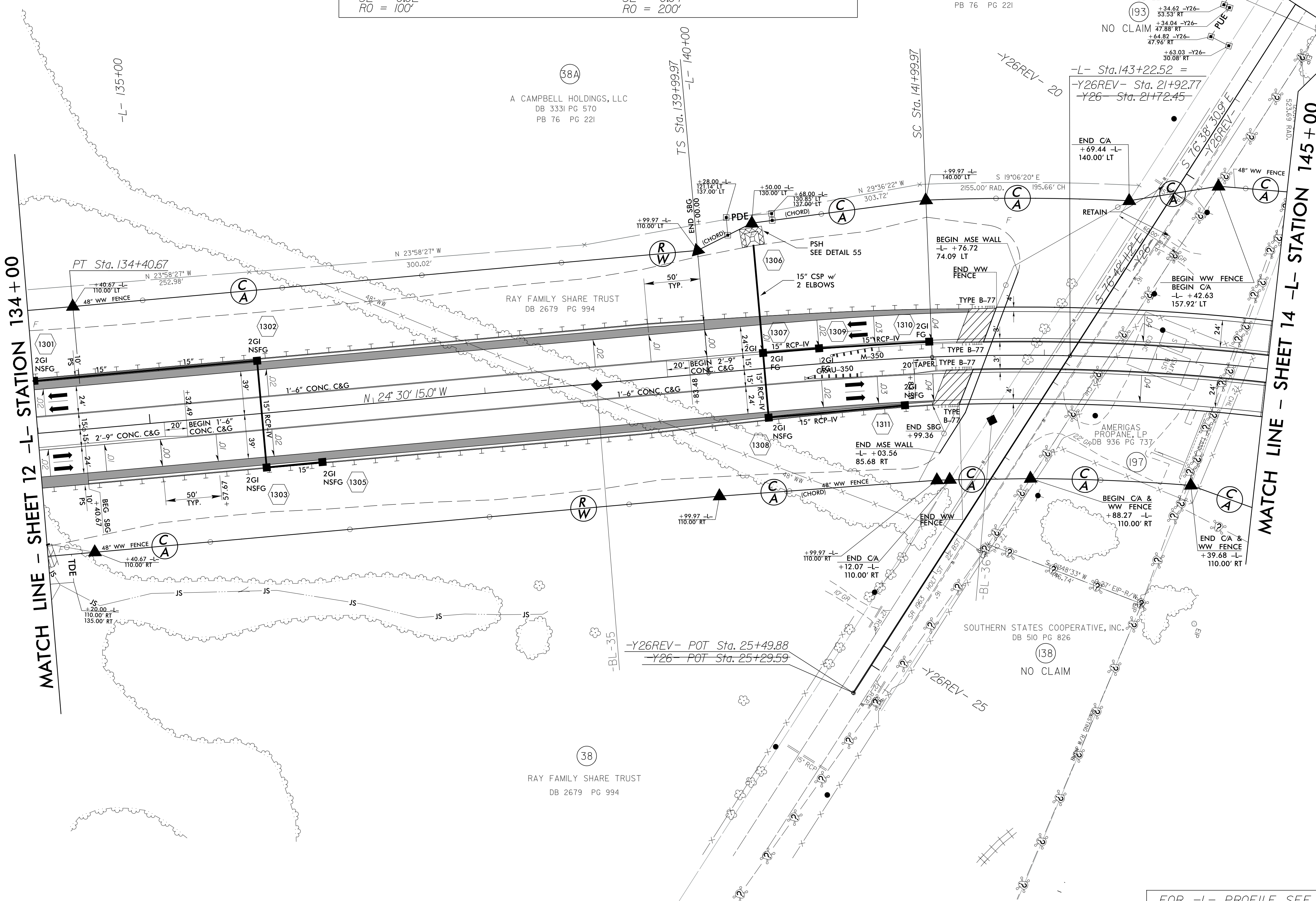


PROJECT REFERENCE NO. U-3109A		SHEET NO. 13	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
			
Michael Baker Engineering, Inc. 10000 Regency Parkway Suite 600 Raleigh, NC 27618 INTERNATIONAL License: F-1084		SUNGATE DESIGN GROUP, P.A. 915 Jones Franklin Road Raleigh, NC 27608 NC COA No. G-0890	

-L-			
PI Sta 116+42.09	PIs Sta 141+33.32	PI Sta 156+58.38	PIs Sta 167+86.90
$\Delta = 35^{\circ} 47' 53.2''$ (LT)	$\Theta_s = 2^{\circ} 51' 53.2''$	$\Delta = 72^{\circ} 11' 58.8''$ (RT)	$\Theta_s = 2^{\circ} 51' 53.2''$
$D = 0^{\circ} 57' 17.7''$	$L_s = 200.00'$	$D = 2^{\circ} 51' 53.2''$	$L_s = 200.00'$
$L = 3,748.77'$	$LT = 133.35'$	$L = 2,520.24'$	$LT = 133.35'$
$T = 1,937.84'$	$ST = 66.68'$	$T = 1,458.42'$	$ST = 66.68'$
$R = 6,000.00'$		$R = 2,000.00'$	
$D_s = 50$ mph		$D_s = 50$ mph	
$SE = 0.02$		$SE = 0.04$	
$RO = 100'$		$RO = 200'$	



MATCH LINE - SHEET 18 + 25
-Y26REV- STATION 18 + 20



REVISIONS

2/26/2017 11:35:04 PM
USER: todd.buckner
FILE: U3109A_rdy_psh_13.dgn

FOR -L- PROFILE SEE SHEET 36
FOR BRIDGE SKETCH SEE SHEET 14
FOR STRUCTURE #2 SEE SHEETS S02-1 THRU S02-51
FOR STRUCTURE #3 SEE SHEETS S03-1 THRU S03-53
FOR WALL SEE SHEETS W-1 THRU W-6