

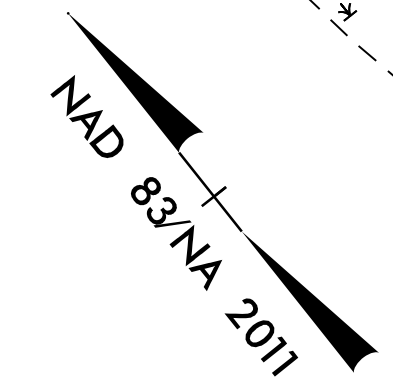
8/17/99

**WETHERILL ENGINEERING**  
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 Raleigh, N.C. 27606  
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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

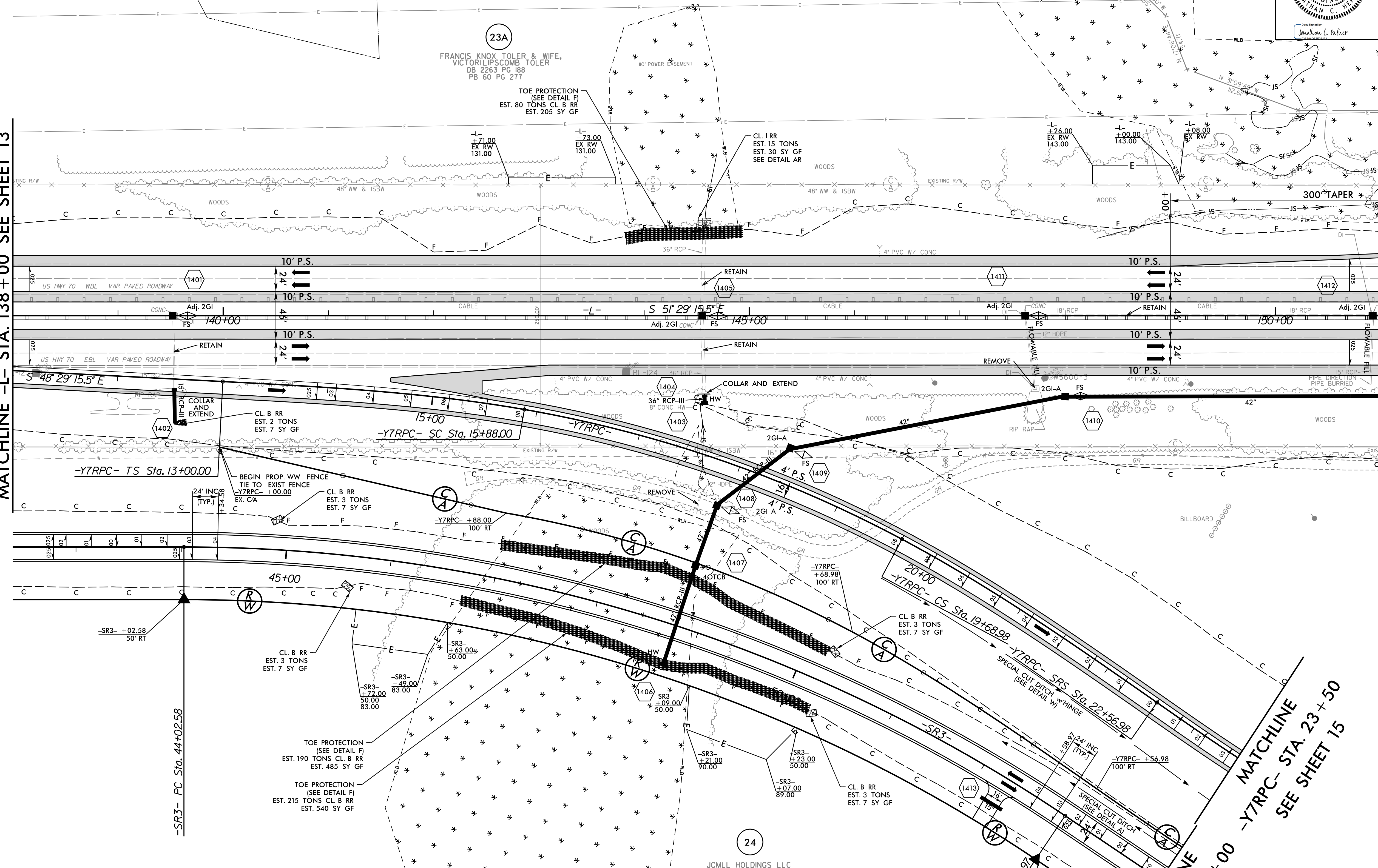
**DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED**

PROJECT REFERENCE NO. <b>W-5600</b>	SHEET NO. <b>14</b>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER: 18:25 PST 12/15/2020	HYDRAULICS ENGINEER: 18:46:23 PST 12/15/2020



MATCHLINE -L- STA. 138+00 SEE SHEET 13

MATCHLINE -L- STA. 151+00 SEE SHEET 15



-Y7RPC-		-SR3-	
PI Sta 13+06.75	PI Sta 16+23.36	PI Sta 19+35.36	PI Sta 48+60.23
$\theta_s = 6^\circ 52' 31.8''$	$\Delta = 20^\circ 50' 48.9''$ (RT)	$\theta_s = 6^\circ 52' 31.8''$	$\Delta = 33^\circ 56' 03.3''$ (RT)
$L_s = 288.00'$	$D = 4^\circ 46' 28.7''$	$L_s = 288.00'$	$D = 3^\circ 49' 11.0''$
$LT = 192.15'$	$L = 436.62'$	$LT = 192.15'$	$L = 888.40'$
$ST = 96.13'$	$T = 220.75'$	$ST = 96.13'$	$T = 457.66'$
	$R = 1,200.00'$		$R = 1,500.00'$
	$SE = 0.080$ FT/FT		$SE = 0.040$ FT/FT

REVISIONS

12/14/2020  
12/15/2020  
12/15/2020

FOR -L- PROFILE, SEE SHEET: 32  
 FOR -Y7RPC- PROFILE, SEE SHEET: 42  
 FOR -SR3- PROFILE, SEE SHEET: 53 & 54  
 FOR DRAINAGE DETAILS, SEE SHEETS: 2D-1 THRU 2D-3  
 FOR PARALLEL ENDWALLS, SEE SHEET: 2C-8 THRU 2C-11