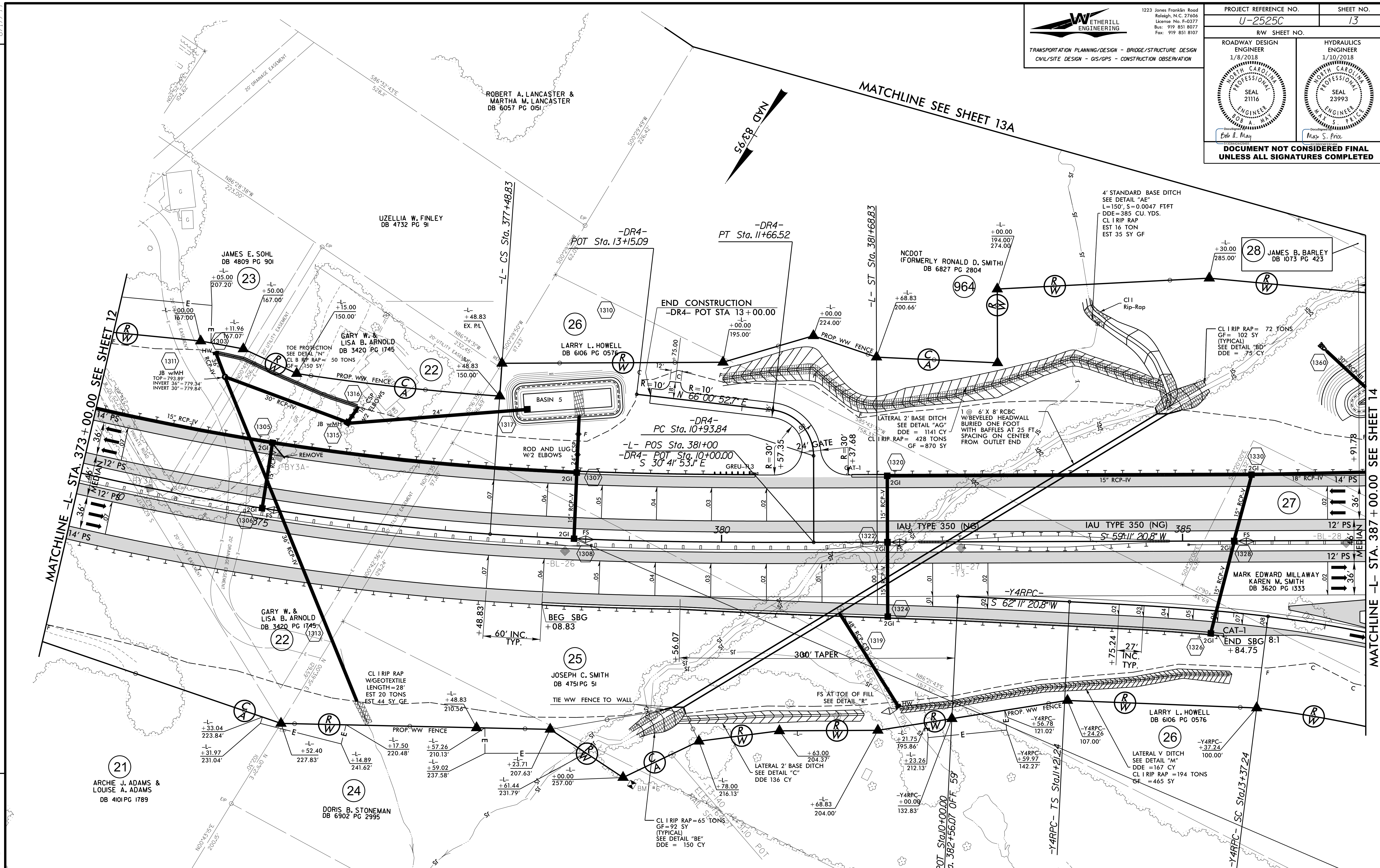


8.17.17.99

**WETHERILL ENGINEERING**  
 TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

1223 Jones Franklin Road  
 Raleigh, N.C. 27606  
 License No. F-0377  
 Bus: 919 851 8077  
 Fax: 919 851 8107

PROJECT REFERENCE NO. <b>U-2525C</b>	SHEET NO. <b>13</b>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER 1/8/2018 <b>SEAL 21116</b>	HYDRAULICS ENGINEER 1/10/2018 <b>SEAL 23993</b>
<b>BOB H. MAY</b>	<b>MAP S. PRICE</b>
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	



REVISIONS

MATCHLINE -L- STA 373+00.00 SEE SHEET 12

14' PS  
12' PS  
12' PS  
14' PS

MATCHLINE -L- STA. 387+00.00 SEE SHEET 14

12' PS  
12' PS  
12' PS  
12' PS

-L-	-Y4RPC-	-BASIN_5-
PI Sta 371+91.62 $\Delta = 22^\circ 35' 02.6"$ (LT) $D = 1^\circ 59' 59.5"$ $L = 1129.29'$ $T = 572.07'$ $R = 2,865.00'$ $SE = .07$	PIs Sta 378+88.90 $\Theta_s = 4^\circ 11' 58.9"$ $L_s = 420.00'$ $LT = 280.08'$ $ST = 140.07'$	PIs Sta 12+65.28 $\Theta_s = 4^\circ 17' 49.9"$ $L_s = 216.00'$ $LT = 144.04'$ $ST = 72.04'$
		PI Sta 16+83.01 $\Delta = 27^\circ 00' 14.5"$ (RT) $D = 3^\circ 58' 43.9"$ $L = 678.69'$ $T = 345.77'$ $R = 1,440.00'$ $SE = .08$ $DS = 60$ MPH
		PI Sta 11+38.30 $\Delta = 83^\circ 17' 14.2"$ (LT) $D = 11^\circ 35' 29.6"$ $L = 72.68'$ $T = 44.46'$ $R = 50.00'$ $SE = .02$

SEE SHEET 66 -DR4- PROFILE  
 SEE SHEETS 2D-1 THRU 2D-7 FOR DRAINAGE DETAILS  
 SEE SHEETS 36 & 37 FOR -L- PROFILE  
 SEE SHEET 53 FOR -Y4RPC- PROFILE  
 SEE SHEETS C2-1 THRU C2-6 FOR CULVERT PLANS

12/27/2017 12:25:25e:\cdu\psh\_13.dgn