

5/14/14

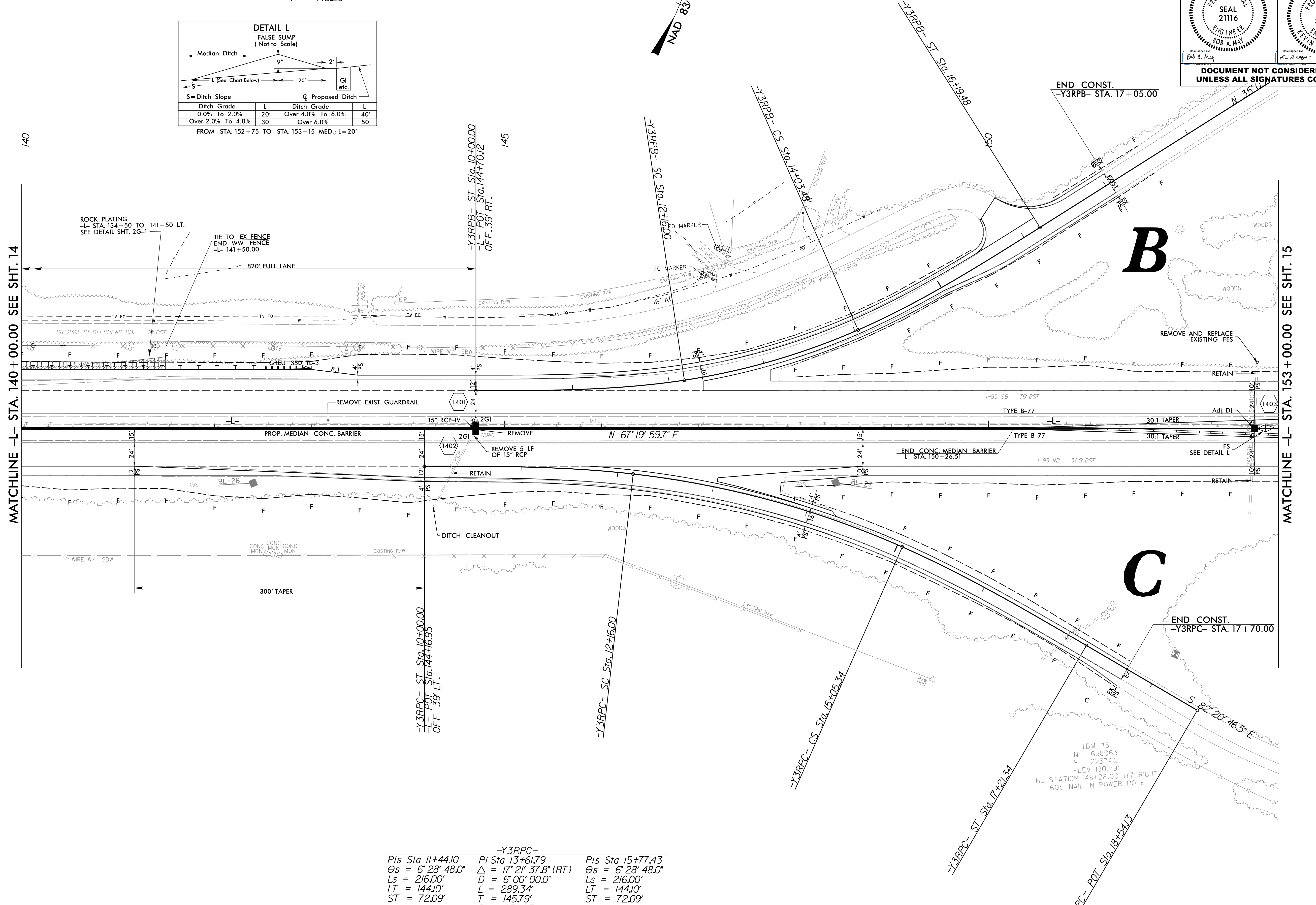
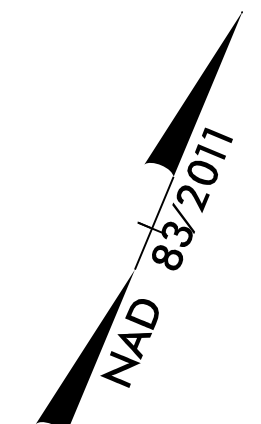
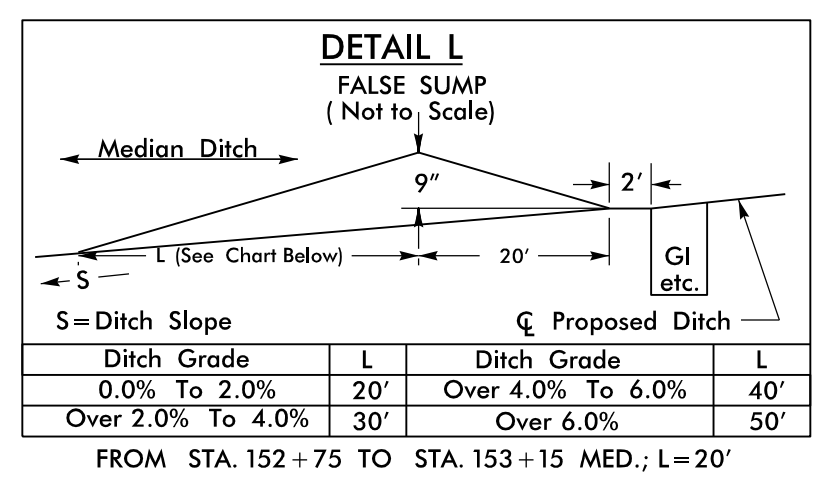
**WETHERILL ENGINEERING**  
 1223 Jones Franklin Rd.  
 Raleigh, N.C. 27606  
 License No. F-0377  
 Bus: 919 851 8077  
 Fax: 919 851 8107

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

PROJECT REFERENCE NO. <b>1-5786</b>	SHEET NO. <b>14</b>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER 6/7/2011 SEAL 21116 ENGINEER BOB A. MAY	HYDRAULICS ENGINEER 6/7/2017 SEAL 31977 ENGINEER KEVIN B. ALFORD
<p>Developed by: Bob A. May</p> <p>Checked by: Kevin B. Alford</p> <p><b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b></p>	

**-Y3RPB-**

Pls Sta 11+44.17	PI Sta 13+10.28	Pls Sta 14+75.64
$\Theta_s = 8' 38' 24.0"$	$\Delta = 14' 59' 55.6" (LT)$	$\Theta_s = 8' 38' 24.0"$
$L_s = 216.00'$	$D = 8' 00' 00.0"$	$L_s = 216.00'$
$LT = 144.17'$	$L = 187.48'$	$LT = 144.17'$
$ST = 72.16'$	$T = 94.28'$	$ST = 72.16'$
	$R = 716.20'$	



**-Y3RPC-**

Pls Sta 11+44.10	PI Sta 13+61.79	Pls Sta 15+77.43
$\Theta_s = 6' 28' 48.0"$	$\Delta = 17' 21' 37.8" (RT)$	$\Theta_s = 6' 28' 48.0"$
$L_s = 216.00'$	$D = 6' 00' 00.0"$	$L_s = 216.00'$
$LT = 144.10'$	$L = 289.34'$	$LT = 144.10'$
$ST = 72.09'$	$T = 145.79'$	$ST = 72.09'$
	$R = 954.93'$	

6/7/2011 1-5786\_RdJ\_esh14.dgn

1:5786