
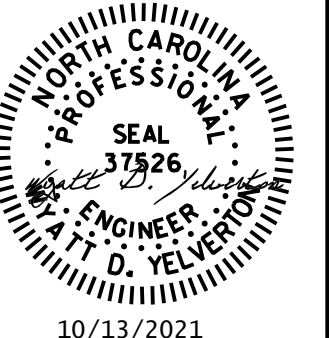
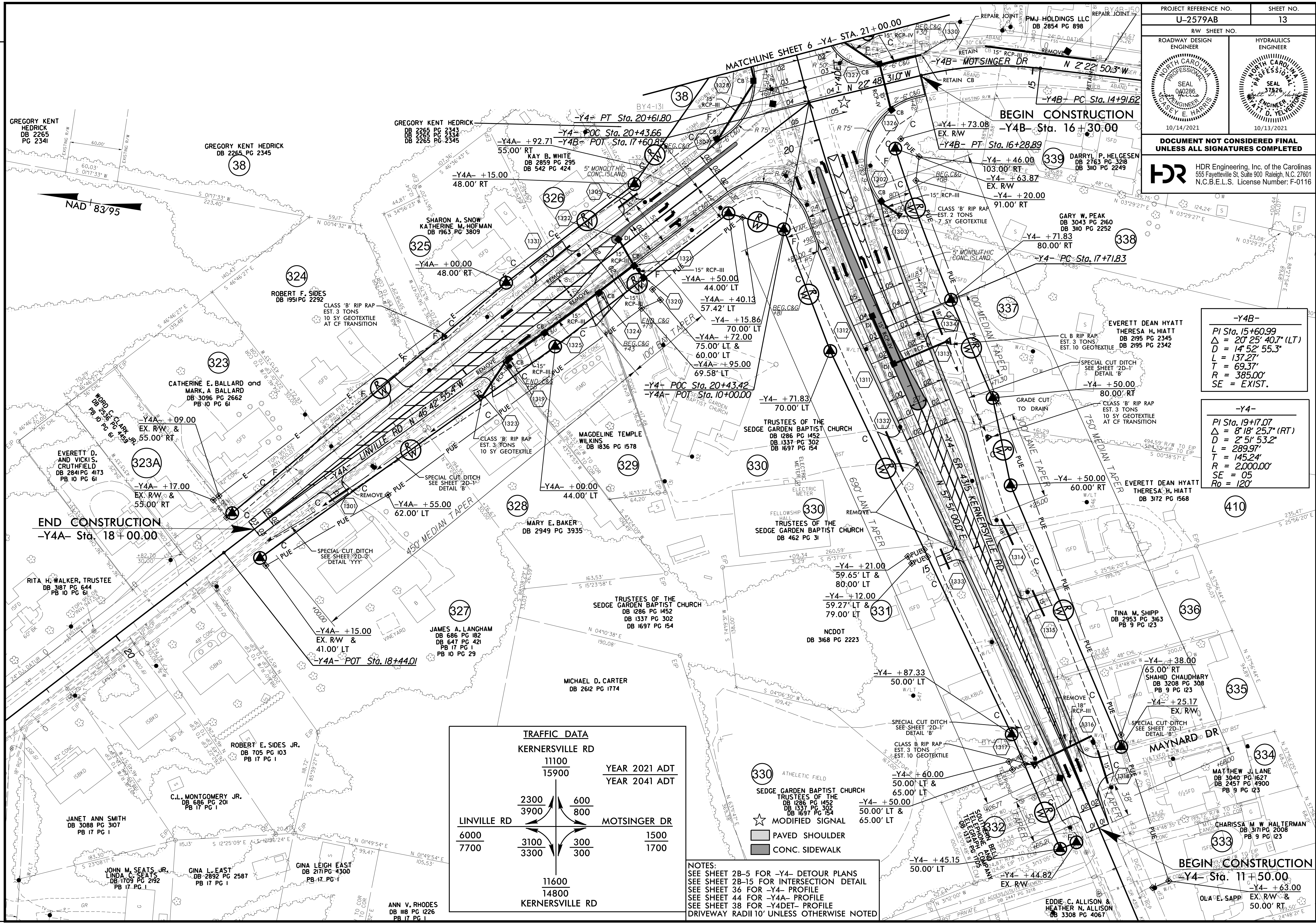


PROJECT REFERENCE NO. U-2579AB	SHEET NO. 13
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
	
10/14/2021	10/13/2021

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

HDR HDR Engineering, Inc. of the Carolinas
555 Fayetteville St. Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116



-Y4B-
 PI Sta. 15+60.99
 $\Delta = 20' 25" 40.7" (LT)$
 $D = 14' 52" 55.3"$
 $L = 137.27'$
 $T = 69.37'$
 $R = 385.00'$
 SE = EXIST.

-Y4-
 PI Sta. 19+17.07
 $\Delta = 8' 18" 25.7" (RT)$
 $D = 2' 51" 53.2"$
 $L = 289.97'$
 $R = 2,000.00'$
 $SE = 05$
 $Ro = 120'$

TRAFFIC DATA

KERNERSVILLE RD

11100	15900	YEAR 2021 ADT	YEAR 2041 ADT
2300	600		
3900	800		
6000	3100		1500
7700	3300		1700
	11600		
	14800		
	KERNERSVILLE RD		

LINVILLE RD **MOTSINGER DR**

NOTES:
 SEE SHEET 2B-5 FOR -Y4- DETOUR PLANS
 SEE SHEET 2B-15 FOR INTERSECTION DETAIL
 SEE SHEET 36 FOR -Y4A- PROFILE
 SEE SHEET 44 FOR -Y4A- PROFILE
 SEE SHEET 38 FOR -Y4DET- PROFILE
 DRIVEWAY RADII 10' UNLESS OTHERWISE NOTED

REVISIONS

PLOT DRIVER: NCDOT...
 USER: CHARRIS
 DATE: 10/13/2021
 TIME: 1:48:17 PM
 FILE: NCDOT\NCDOT-U2579AB\6.0.CAD.BTM\6.2.Worx.In...Progress\U-2579AB\Roadway\Prj\U2579ab_r.dwg.psh.13.dgn