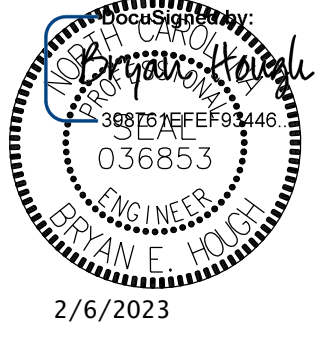
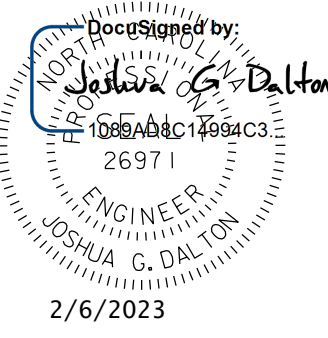

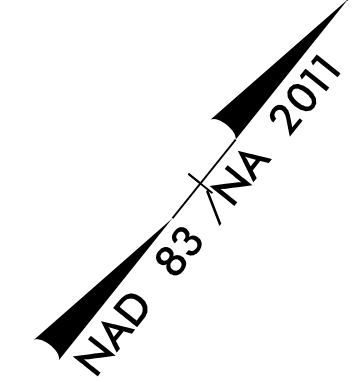
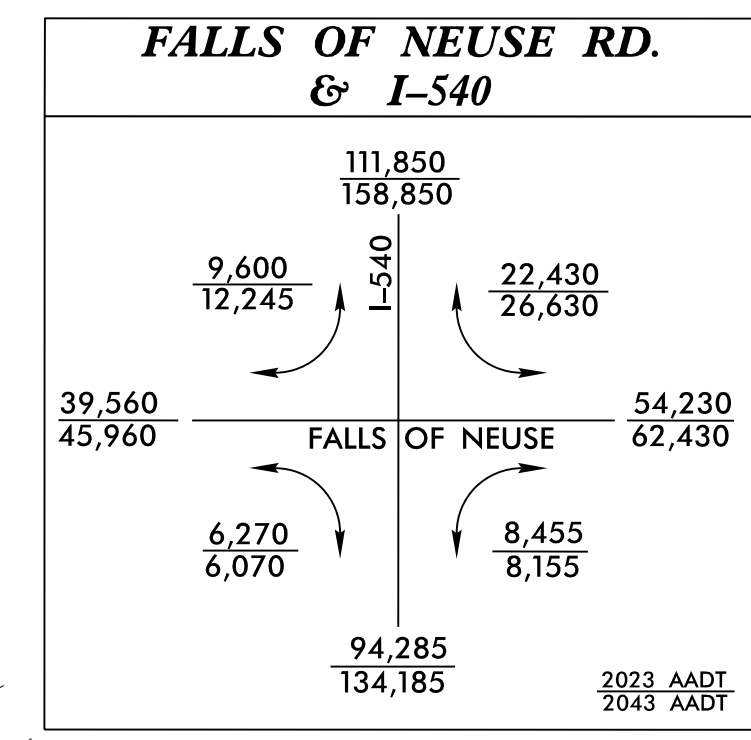


PROJECT REFERENCE NO. U-5826		SHEET NO. 4	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
 BRYAN E. HOUCH 036853 2/6/2023		 JOSHUA G. DALTON 036853 2/6/2023	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			
 KCI Engineers • Planners • Scientists • Construction Managers 4505 Falls of Neuse Road, Suite 400 Raleigh, NC 27609-6270 Phone (919) 783-9214 • Fax (919) 783-9266			

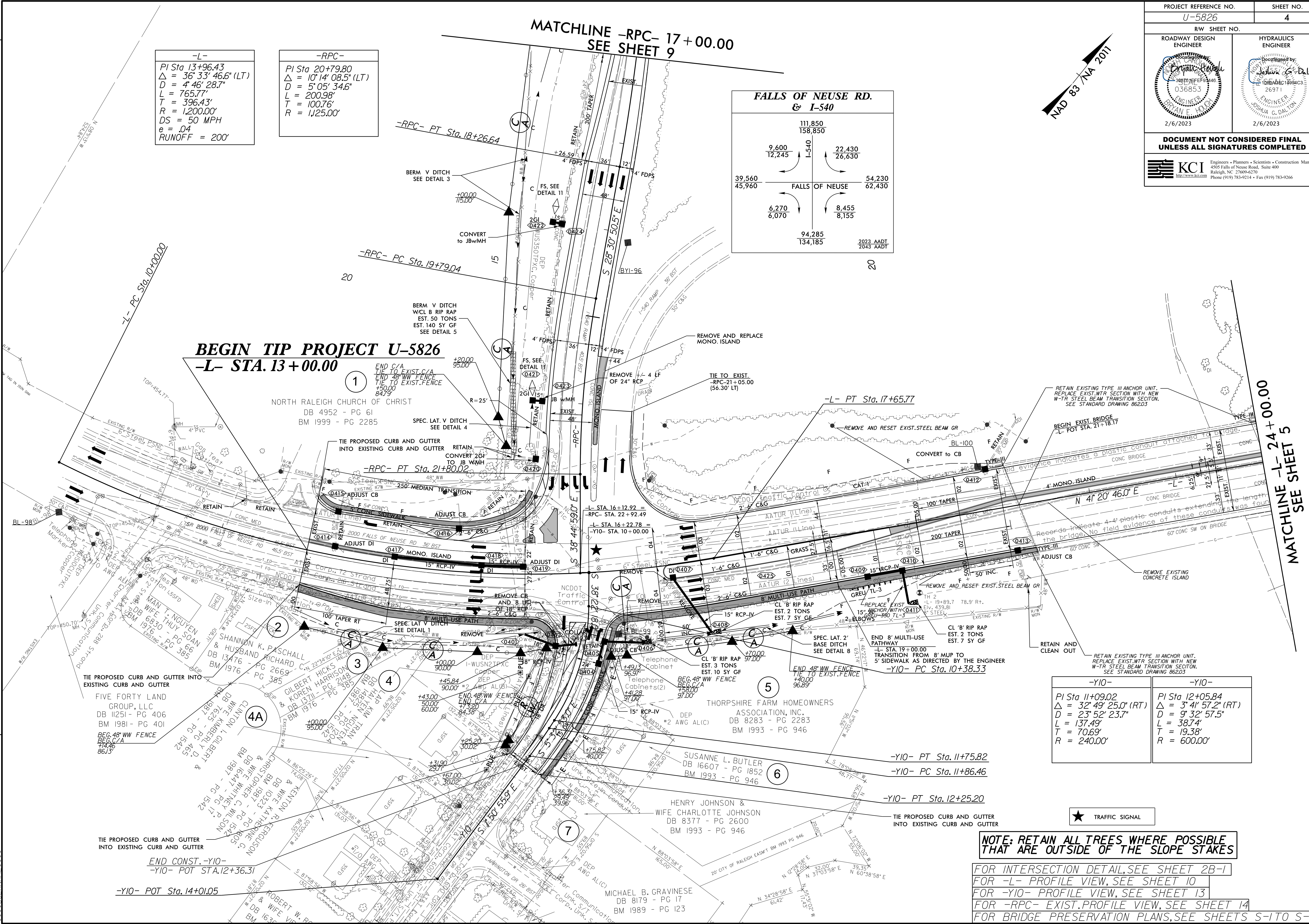
-L-	-RPC-
PI Sta 13+96.43	PI Sta 20+79.80
$\Delta = 36' 33" 46.6" (LT)$	$\Delta = 10' 14" 08.5" (LT)$
$D = 4' 46" 28.7"$	$D = 5' 05" 34.6"$
$L = 765.77'$	$L = 200.98'$
$T = 396.43'$	$T = 100.76'$
$R = 1,200.00'$	$R = 1,125.00'$
$DS = 50 MPH$	
$e = .04$	
$RUNOFF = 200'$	



MATCHLINE -RPC- 17+00.00
SEE SHEET 9

MATCHLINE -L- 24+00.00
SEE SHEET 5

BEGIN TIP PROJECT U-5826
-L- STA. 13+00.00



-Y10-	-Y10-
PI Sta 11+09.02	PI Sta 12+05.84
$\Delta = 32' 49" 25.0" (RT)$	$\Delta = 3' 41" 57.2" (RT)$
$D = 23' 52" 23.7"$	$D = 9' 32" 57.5"$
$L = 137.49'$	$L = 38.74'$
$T = 70.69'$	$T = 19.38'$
$R = 240.00'$	$R = 600.00'$

**NOTE: RETAIN ALL TREES WHERE POSSIBLE
THAT ARE OUTSIDE OF THE SLOPE STAKES**

FOR INTERSECTION DETAIL, SEE SHEET 2B-1
FOR -L- PROFILE VIEW, SEE SHEET 10
FOR -Y10- PROFILE VIEW, SEE SHEET 13
FOR -RPC- EXIST. PROFILE VIEW, SEE SHEET 14
FOR BRIDGE PRESERVATION PLANS, SEE SHEETS S-1 TO S-6

REVISIONS

01-FEB-2023 20:30
M:\2013\213395\03 NCDOT U-5826 Falls of the Neuse Rd\Roadway\Pro\U-5826-Rdy.psh_4.dgn
8/17/19