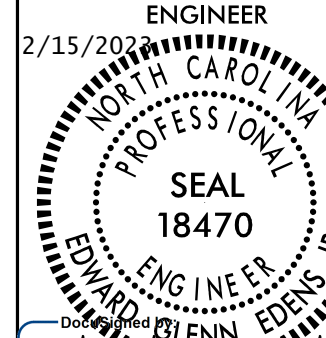
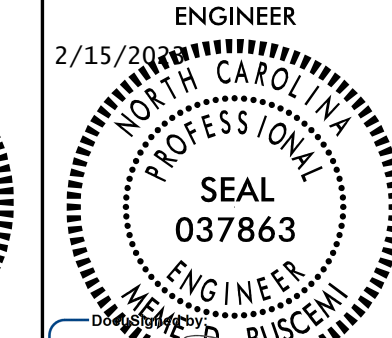
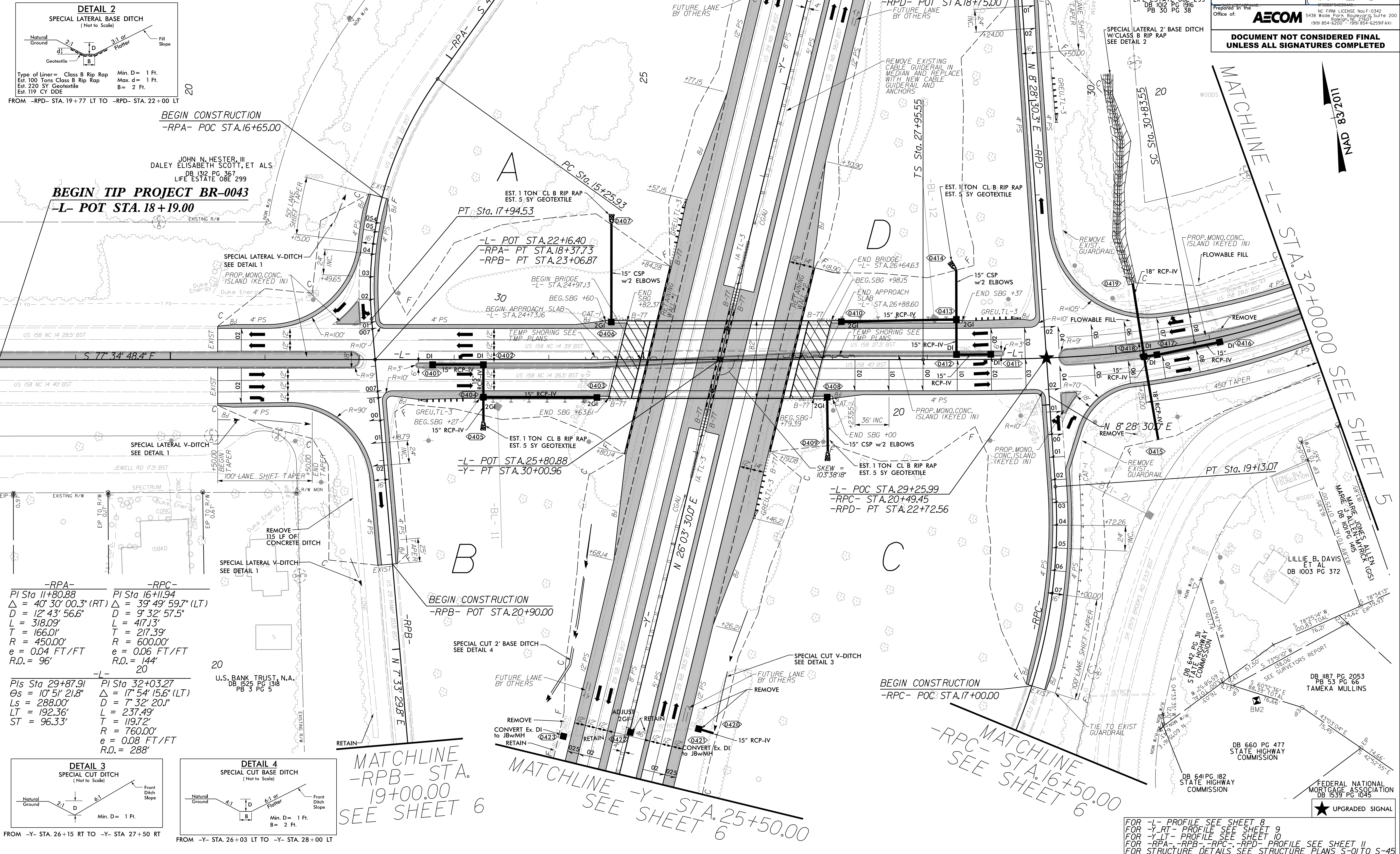
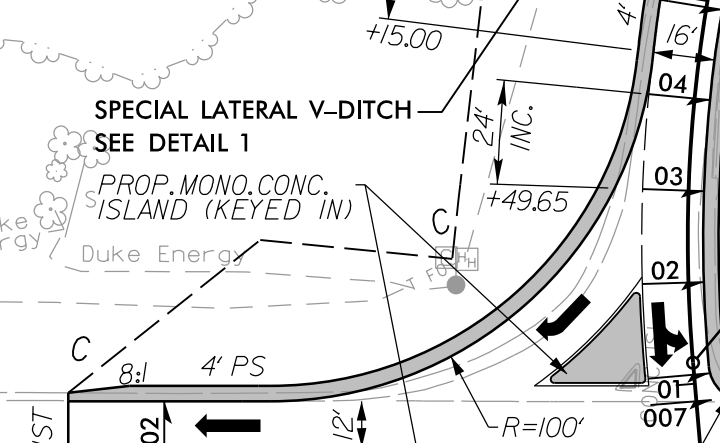
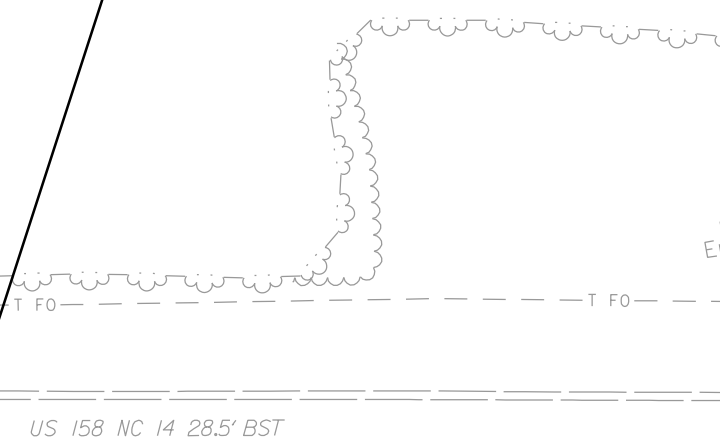
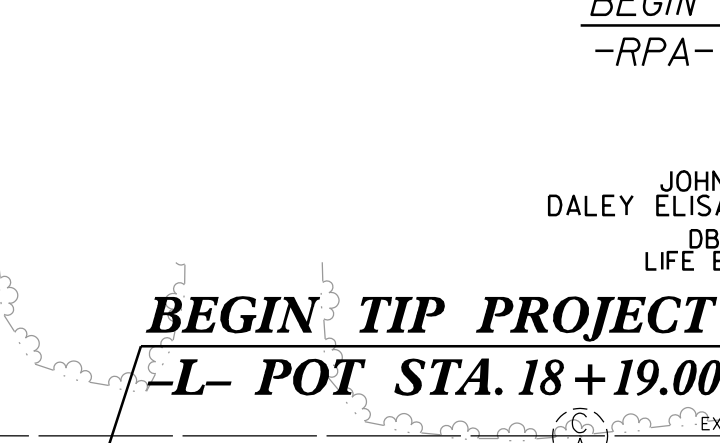
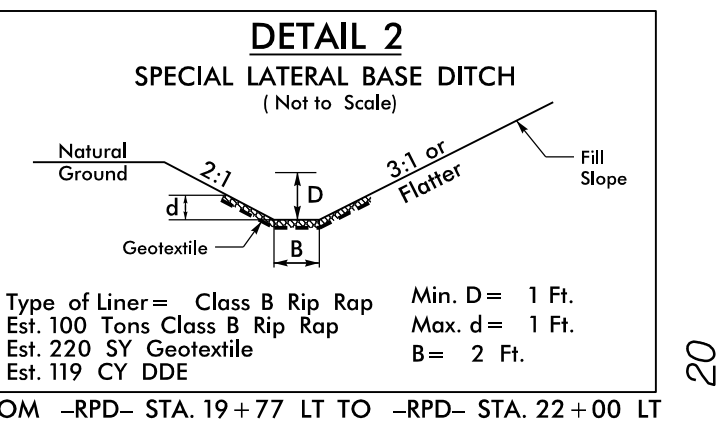
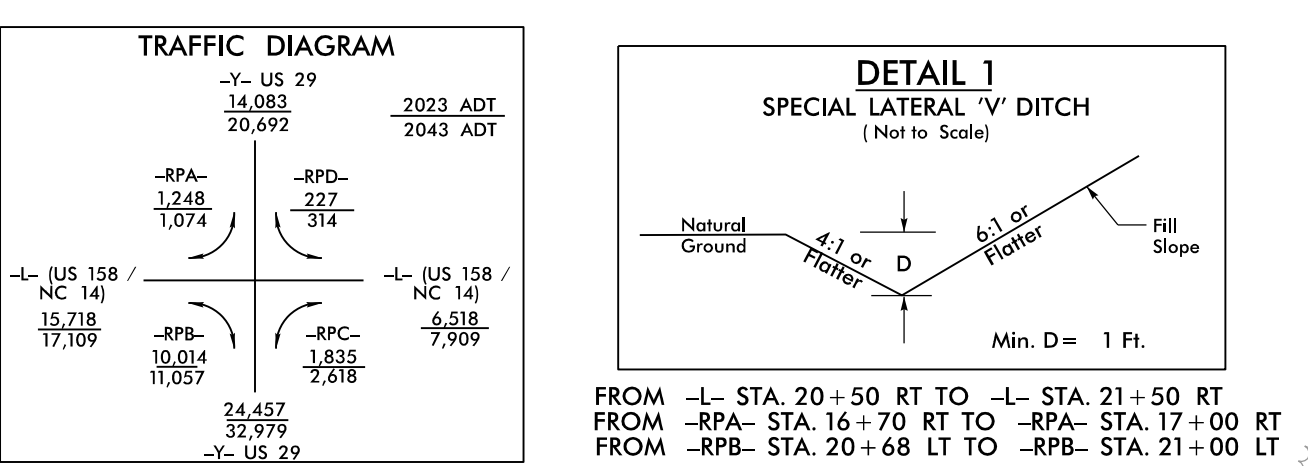


PROJECT REFERENCE NO. BR-0043		SHEET NO. 4	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
2/15/2023		2/15/2023	
 EDWARD GLENN EDENS, JR. P.E. 18470 1991 854-6200		 JAMES D. BUSCENI P.E. 037863 1991 854-6259 FAX	
Prepared for the <b>AECOM</b> NC FIRM LICENSE No. F-0342 5438 Wade Park Boulevard, Suite 200 Raleigh, NC 27607 (919) 854-6200			
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			



US 158 NC 14 28.5' BST

US 158 NC 14 40' BST

JEWELL RD 17.5' BST

SPECTRUM

EXISTING R/W

EIP 10.0' R/W

EIP 10.0' R/W

EIP 10.0' R/W

REMOVE 115 LF OF CONCRETE DITCH

SPECIAL LATERAL V-DITCH SEE DETAIL 1

100'-LANE SHIFT-TAPER

450' TAPER

REMOVE EXIST. GUARDRAIL

PROP. MONO. CONC. ISLAND (KEYED IN)

15" RCP-IV

15" CSP W/2 ELBOWS

EST. 1 TON CL B RIP RAP EST. 5 SY GEOTEXTILE

EST. 1 TON CL B RIP RAP EST. 5 SY GEOTEXTILE

EST. 1 TON CL B RIP RAP EST. 5 SY GEOTEXTILE

EST. 1 TON CL B RIP RAP EST. 5 SY GEOTEXTILE

-RPA-	-RPC-
PI Sta 11+80.88	PI Sta 16+11.94
$\Delta = 40^{\circ} 30' 00.3"$ (RT)	$\Delta = 39^{\circ} 49' 59.7"$ (LT)
$D = 12^{\circ} 43' 56.6"$	$D = 9^{\circ} 32' 57.5"$
$L = 318.09'$	$L = 417.13'$
$T = 166.01'$	$T = 217.39'$
$R = 450.00'$	$R = 600.00'$
$e = 0.04$ FT/FT	$e = 0.06$ FT/FT
$R.O. = 144'$	$R.O. = 144'$

-L-	-R-
PIs Sta 29+87.91	PI Sta 32+03.27
$\Delta = 10^{\circ} 51' 21.8"$	$\Delta = 17^{\circ} 54' 15.6"$ (LT)
$Ls = 288.00'$	$D = 7^{\circ} 32' 20.1"$
$LT = 192.36'$	$L = 237.49'$
$ST = 96.33'$	$T = 119.72'$
	$R = 760.00'$
	$e = 0.08$ FT/FT
	$R.O. = 288'$

US BANK TRUST, N.A.  
DB 1525 PG 1318  
PB 3 PG 5

MARIE JONES ALLEN (GIS)

LILLIE B. DAVIS ET AL  
DB 1003 PG 372

DB 187 PG 2053  
TAMEKA MULLINS

DB 660 PG 477  
STATE HIGHWAY COMMISSION

DB 64 PG 182  
STATE HIGHWAY COMMISSION

FEDERAL NATIONAL MORTGAGE ASSOCIATION  
DB 1538 PG 1045

★ UPGRADED SIGNAL

REVISIONS

5/7/14/99

MATCHLINE -L- STA. 32+00.00 SEE SHEET 5

MATCHLINE -Y- STA. 25+50.00 SEE SHEET 6

MATCHLINE -RPC- STA. 16+50.00 SEE SHEET 6

MATCHLINE -RPA- STA. 13+50.00 SEE SHEET 7

MATCHLINE -Y- STA. 34+50.00 SEE SHEET 7

MATCHLINE -RPD- STA. 18+30.00 SEE SHEET 7