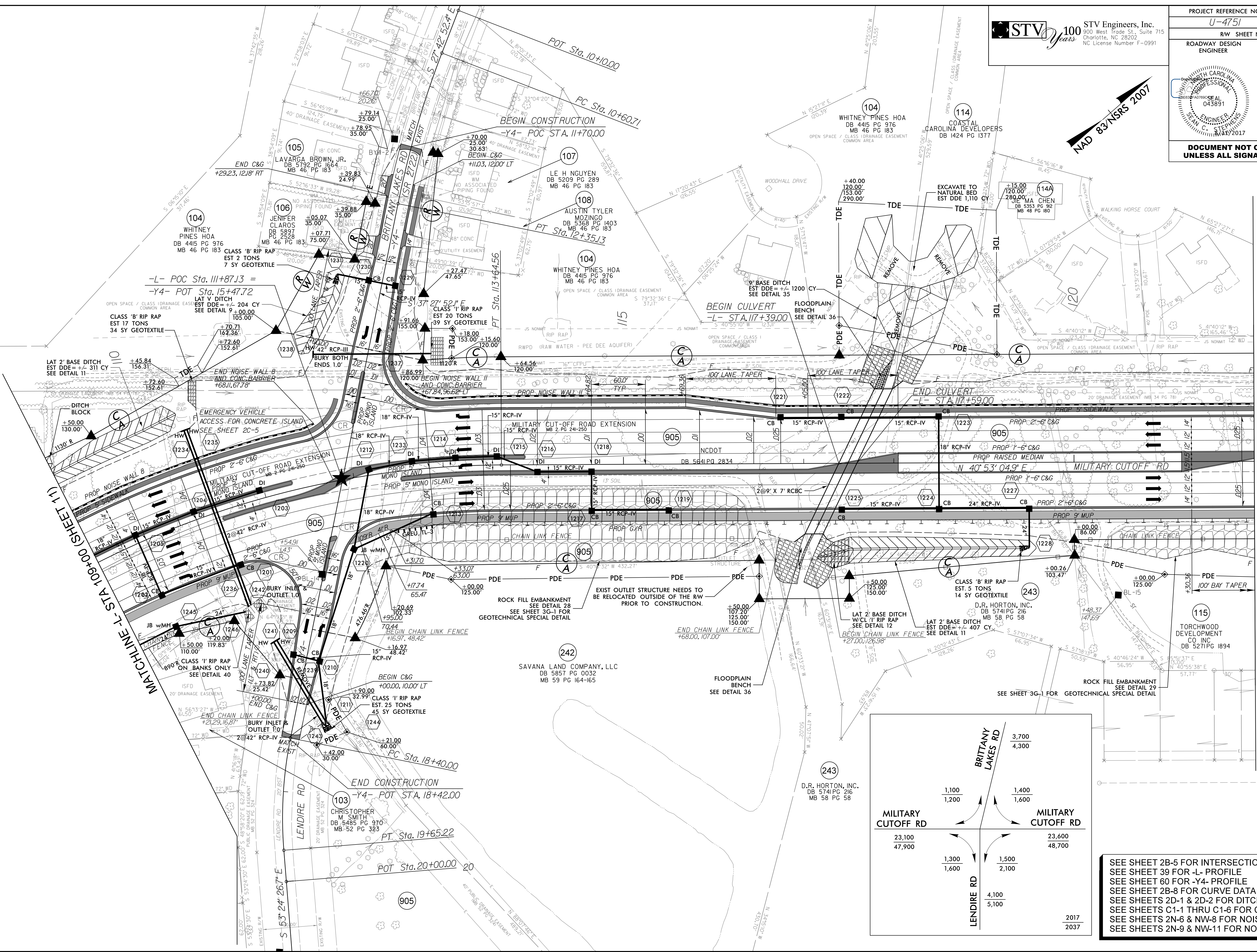
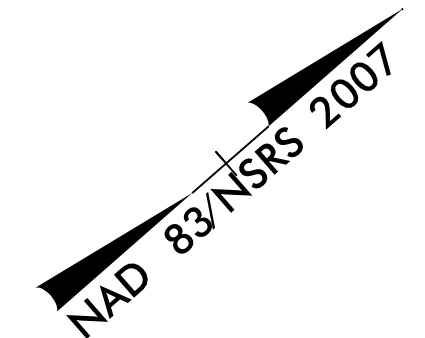


**This electronic collection of documents is provided
for the convenience of the user
and is Not a Certified Document –**

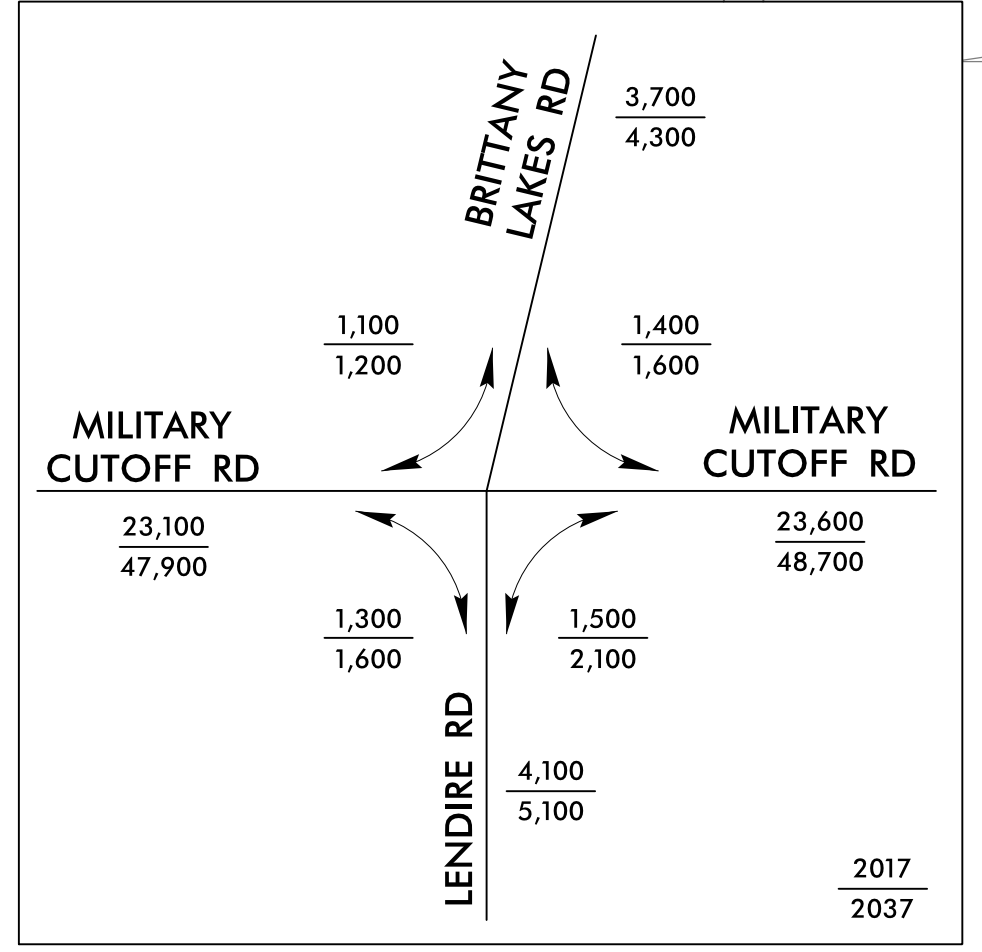
**The documents contained herein were originally issued
and sealed by the individuals whose names and license
numbers appear on each page, on the dates appearing
with their signature on that page.**

**This file or an individual page
shall not be considered a certified document.**



MATCHLINE - STA 10+00 (SHEET 11)

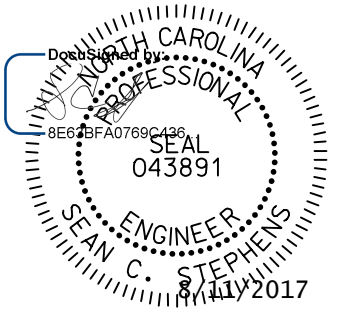
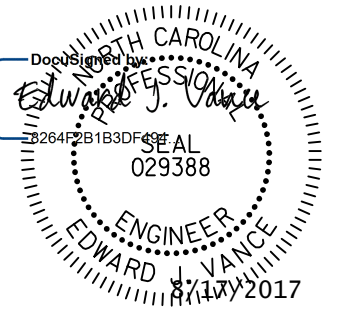
MATCHLINE - L- STA 122+00 (SHEET 13)

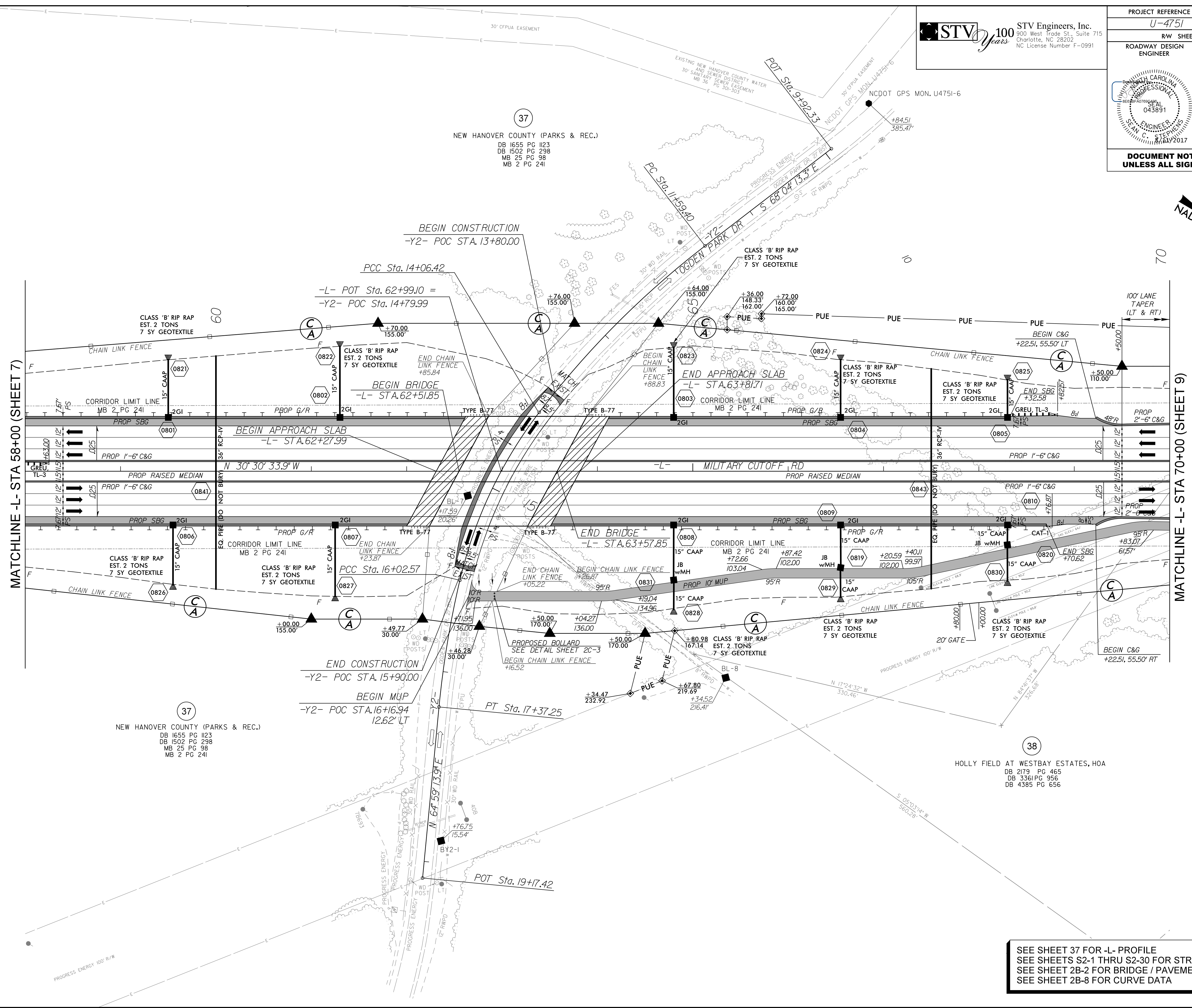


SEE SHEET 2B-5 FOR INTERSECTION DETAILS
 SEE SHEET 39 FOR -L- PROFILE
 SEE SHEET 60 FOR -Y4- PROFILE
 SEE SHEET 2B-8 FOR CURVE DATA
 SEE SHEETS 2D-1 & 2D-2 FOR DITCH DETAILS
 SEE SHEETS C1-1 THRU C1-6 FOR CULVERT PLANS
 SEE SHEETS 2N-6 & NW-8 FOR NOISE WALL 8 PLANS
 SEE SHEETS 2N-9 & NW-11 FOR NOISE WALL 11 PLANS



STV Engineers, Inc.
900 West Trade St., Suite 715
Charlotte, NC 28202
NC License Number F-0991

PROJECT REFERENCE NO. U-4751		SHEET NO. 8	
RW SHEET NO. ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
			
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

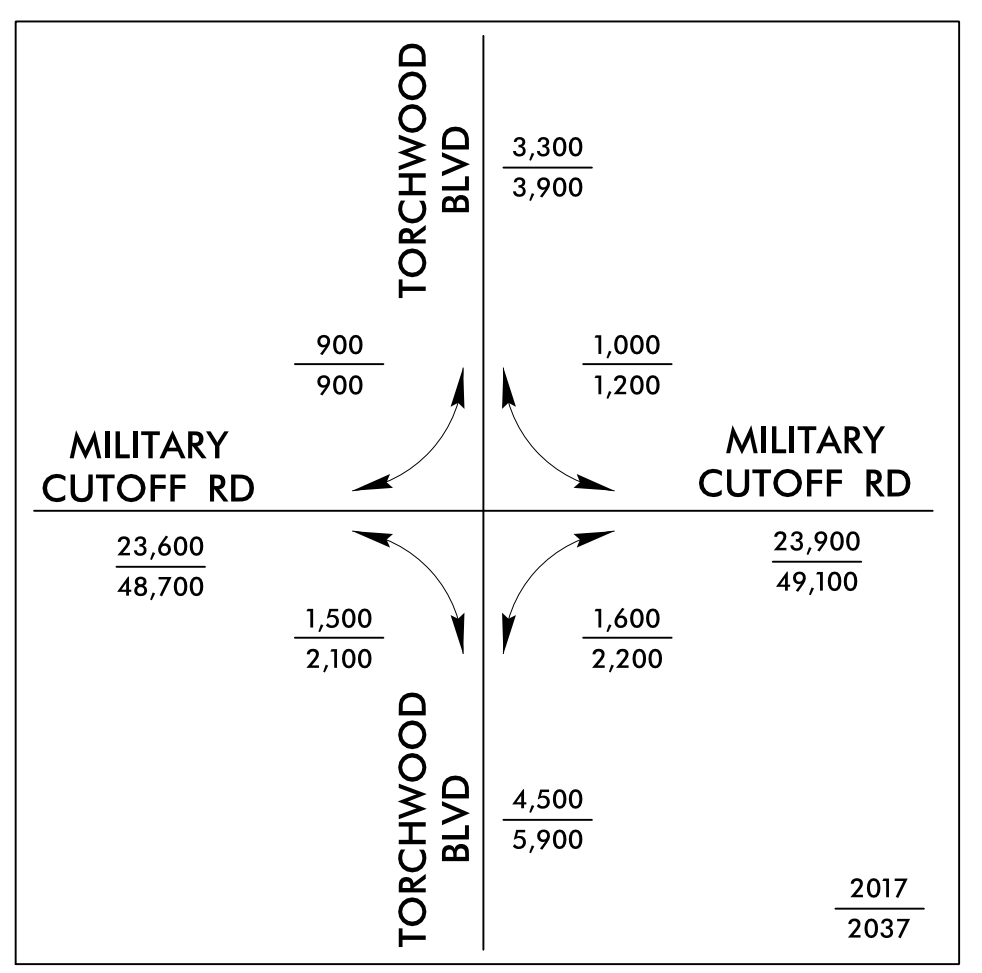


SEE SHEET 37 FOR -L- PROFILE
 SEE SHEETS S2-1 THRU S2-30 FOR STRUCTURE PLANS
 SEE SHEET 2B-2 FOR BRIDGE / PAVEMENT RELATIONSHIP
 SEE SHEET 2B-8 FOR CURVE DATA

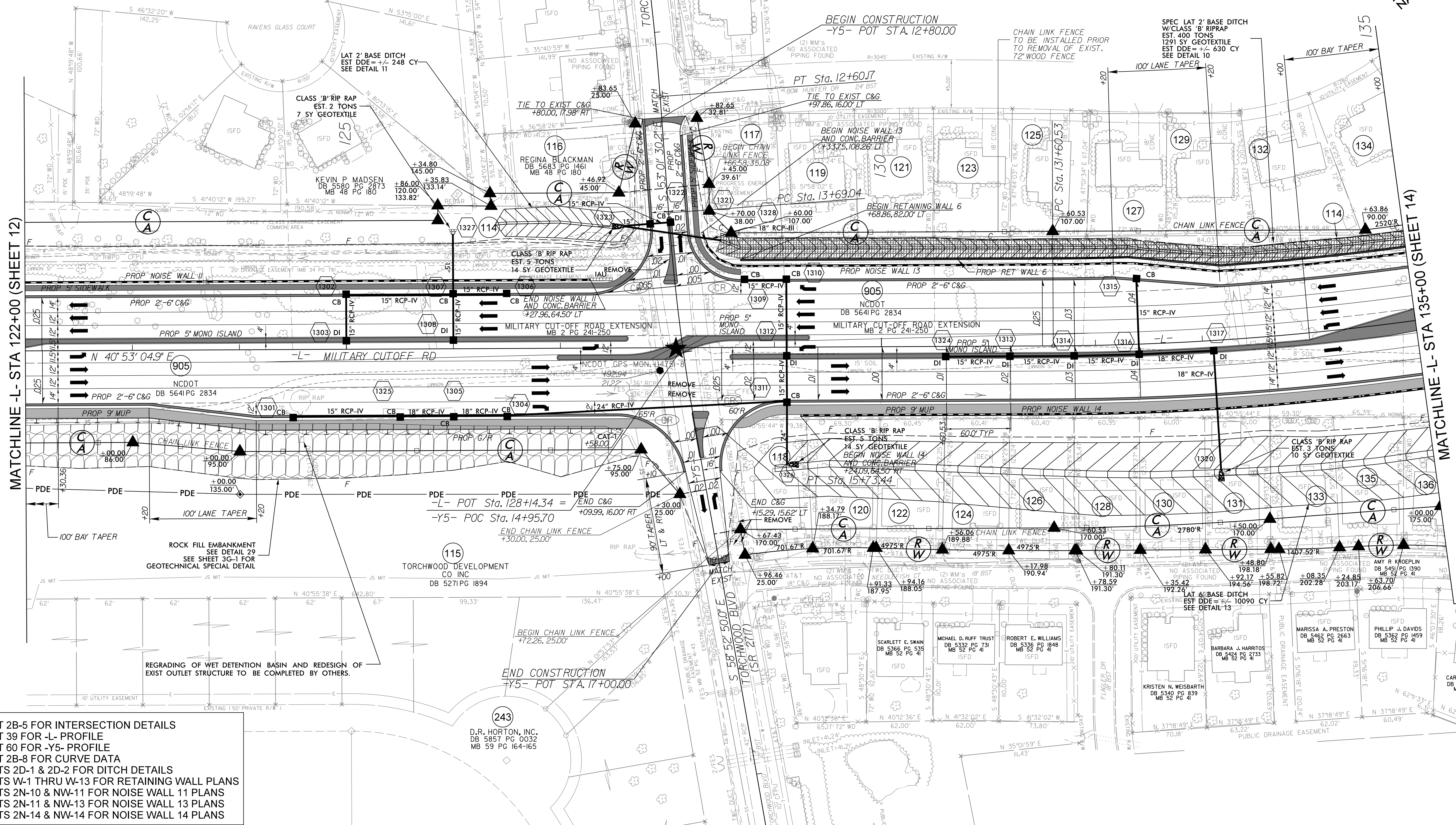
7/14/2017
 R:\V\2017\Proj\Proj\SH\U4751_RDY_psh08.dgn
 Comb1.ec



PROJECT REFERENCE NO. U-4751		SHEET NO. 13	
RW SHEET NO. ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			



- 114 COURTNEY PINES HOA
DB 4889 PG 3128
MB 48 PG 180
- 117 MORGAN B JOHNSON
DB 5209 PG 2756
MB 48 PG 180
- 118 KRISTEN L GAMBILL
DB 5350 PG 1013
MB 52 PG 41
- 119 FELICE FURINO
DB 5246 PG 453
MB 48 PG 180
- 120 THINH HUU PHAN
DB 5306 PG 1344
MB 52 PG 41
- 121 STACEY S SEARS
DB 5413 PG 2589
MB 48 PG 180
- 122 DAVID K MULKEY
DB 5353 PG 190
MB 52 PG 41
- 123 MELISSA L HUBBARD
DB 5628 PG 1529
MB 48 PG 180
- 124 JASON G HERANDEZ
DB 5479 PG 2822
MB 52 PG 41
- 125 JUSTIN ARTHUR MILLS
DB 5813 PG 753
MB 48 PG 180
- 126 MATTHEW KYLE HOLLOWAY
DB 5464 PG 2380
MB 52 PG 41
- 127 KEITH MCBRIDE
DB 5664 PG 523
MB 48 PG 180
- 128 AMBER HODGE
DB 5760 PG 1715
- 129 ARP 2014-1BORROWER, LLC
DB 5836 PG 2801
MB 48 PG 180
- 130 MICHAEL M. BISE
DB 5734 PG 423
MB 52 PG 41
- 131 BRIAN S HUNT
DB 5470 PG 108
MB 52 PG 41
- 132 DANIEL E CLEMENTS
DB 5453 PG 2706
MB 48 PG 180
- 133 MICHAEL C MACGOVERN
DB 5452 PG 2548
MB 52 PG 41
- 134 GREG L BRYANT
DB 5244 PG 1507
MB 48 PG 180
- 135 THOMAS D HUGHES
DB 5457 PG 2035
MB 52 PG 41
- 136 AMY R KROEPLIN
DB 5451 PG 1390
MB 52 PG 41

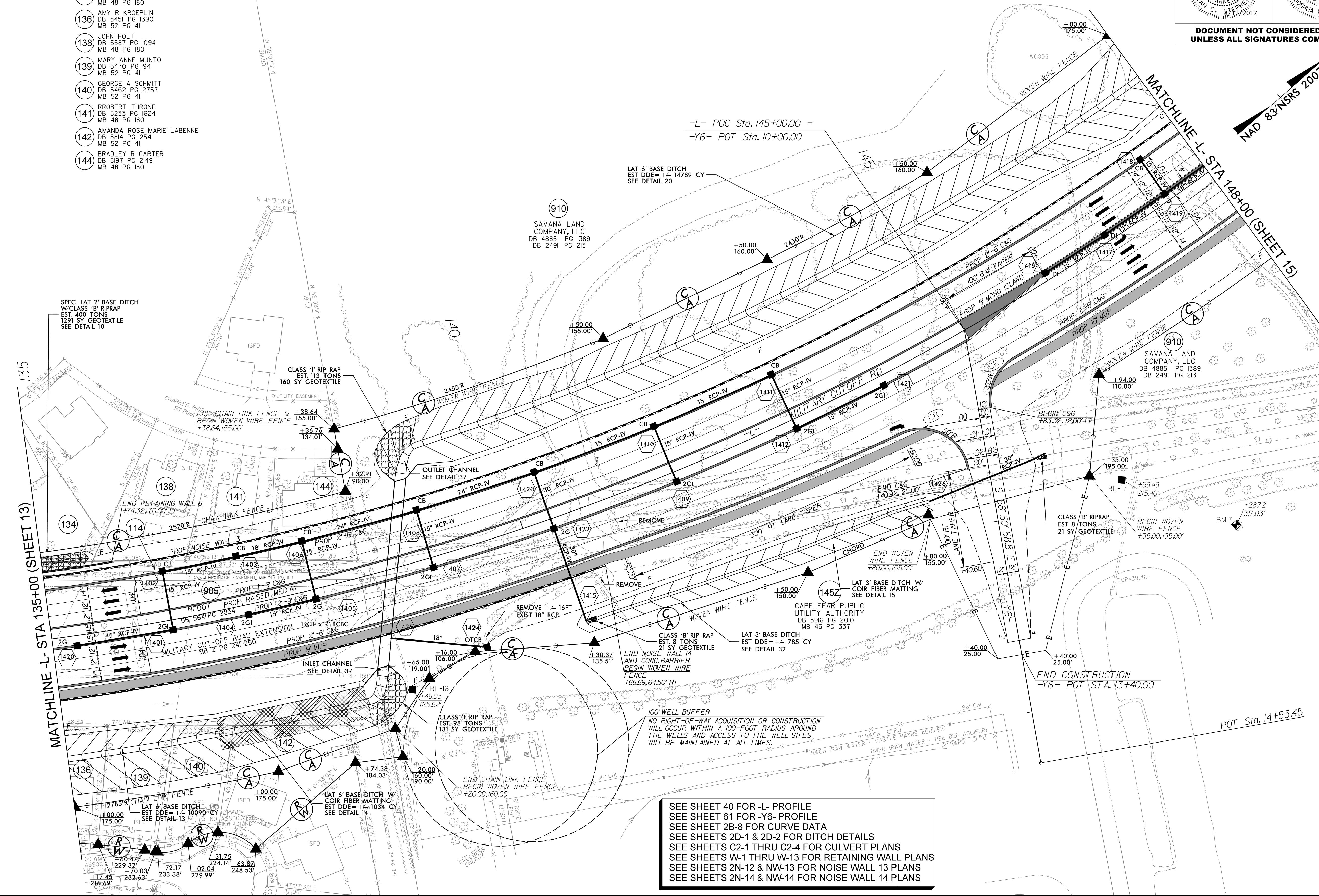


SEE SHEET 2B-5 FOR INTERSECTION DETAILS
 SEE SHEET 39 FOR -L- PROFILE
 SEE SHEET 60 FOR -Y5- PROFILE
 SEE SHEET 2B-8 FOR CURVE DATA
 SEE SHEETS 2D-1 & 2D-2 FOR DITCH DETAILS
 SEE SHEETS W-1 THRU W-13 FOR RETAINING WALL PLANS
 SEE SHEETS 2N-10 & NW-11 FOR NOISE WALL 11 PLANS
 SEE SHEETS 2N-11 & NW-13 FOR NOISE WALL 13 PLANS
 SEE SHEETS 2N-14 & NW-14 FOR NOISE WALL 14 PLANS

7/24/2017 11:05:11 AM Proj:\Projects\U4751.RDY_psh13.dgn

PROJECT REFERENCE NO. U-4751		SHEET NO. 14	
RW SHEET NO. ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

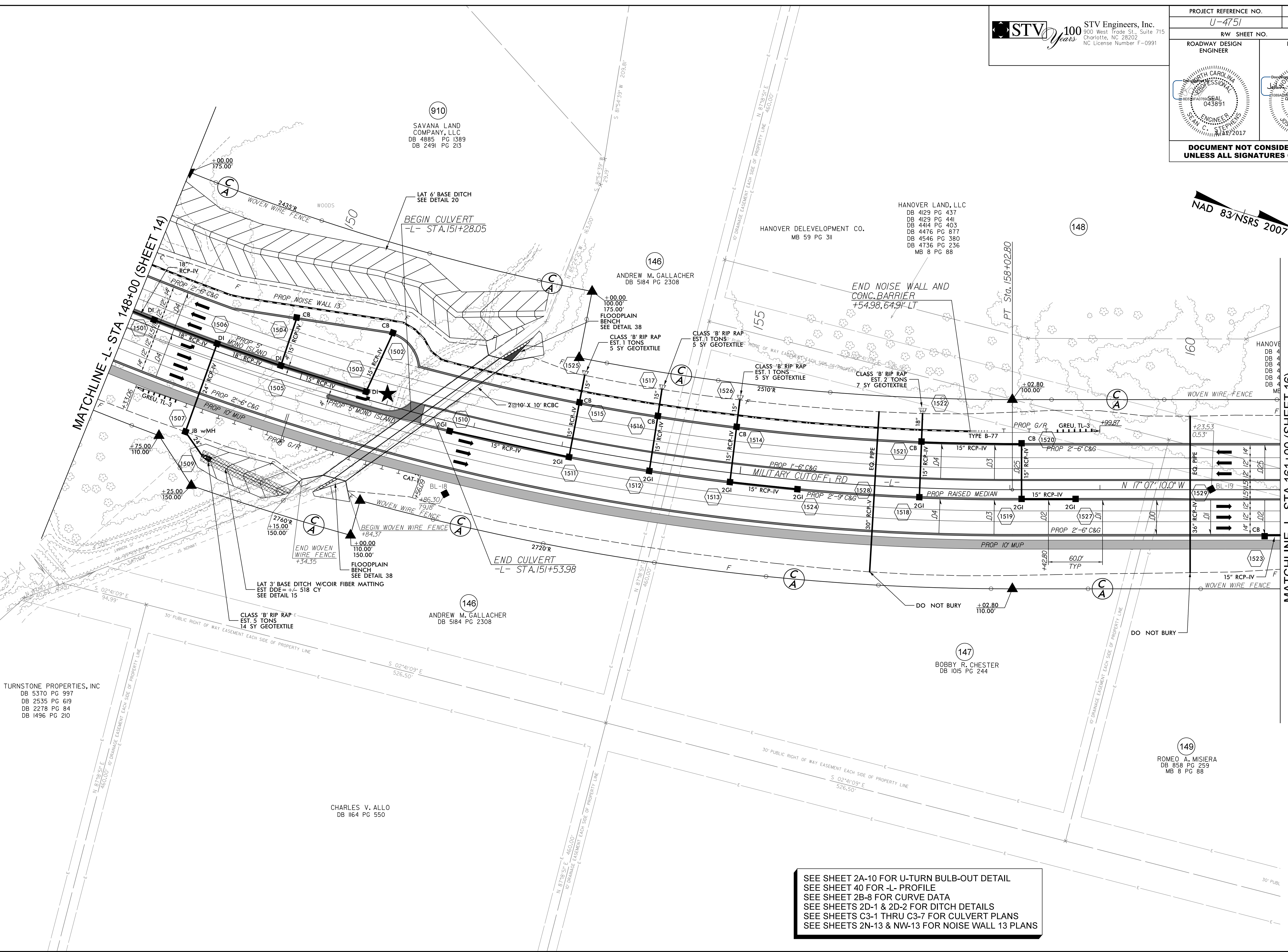
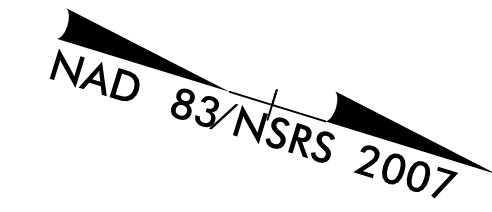
- (114) COURTNEY PINES HOA
DB 4889 PG 3128
MB 48 PG 180
- (134) GREG L BRYANT
DB 5244 PG 1507
MB 48 PG 180
- (136) AMY R KROEPLIN
DB 5451 PG 1390
MB 52 PG 41
- (138) JOHN HOLT
DB 5587 PG 1094
MB 48 PG 180
- (139) MARY ANNE MUNTO
DB 5470 PG 94
MB 52 PG 41
- (140) GEORGE A SCHMITT
DB 5462 PG 2757
MB 52 PG 41
- (141) ROBERT THRONE
DB 5233 PG 1624
MB 48 PG 180
- (142) AMANDA ROSE MARIE LABENNE
DB 5814 PG 2541
MB 52 PG 41
- (144) BRADLEY R CARTER
DB 5197 PG 2149
MB 48 PG 180



SEE SHEET 40 FOR -L- PROFILE
 SEE SHEET 61 FOR -Y6- PROFILE
 SEE SHEET 2B-8 FOR CURVE DATA
 SEE SHEETS 2D-1 & 2D-2 FOR DITCH DETAILS
 SEE SHEETS C2-1 THRU C2-4 FOR CULVERT PLANS
 SEE SHEETS W-1 THRU W-13 FOR RETAINING WALL PLANS
 SEE SHEETS 2N-12 & NW-13 FOR NOISE WALL 13 PLANS
 SEE SHEETS 2N-14 & NW-14 FOR NOISE WALL 14 PLANS

7/24/2017 R:\Projects\Projects\SH14\751_RDY_psh14.dgn

PROJECT REFERENCE NO. U-4751		SHEET NO. 15	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER	SEAL		
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			



TURNSTONE PROPERTIES, INC
DB 5370 PG 997
DB 2535 PG 619
DB 2278 PG 84
DB 1496 PG 210

CHARLES V. ALLO
DB 1164 PG 550

910
SAVANA LAND
COMPANY, LLC
DB 4885 PG 1389
DB 2491 PG 213

146
ANDREW M. GALLACHER
DB 5184 PG 2308

HANOVER DEVELOPMENT CO.
MB 59 PG 311

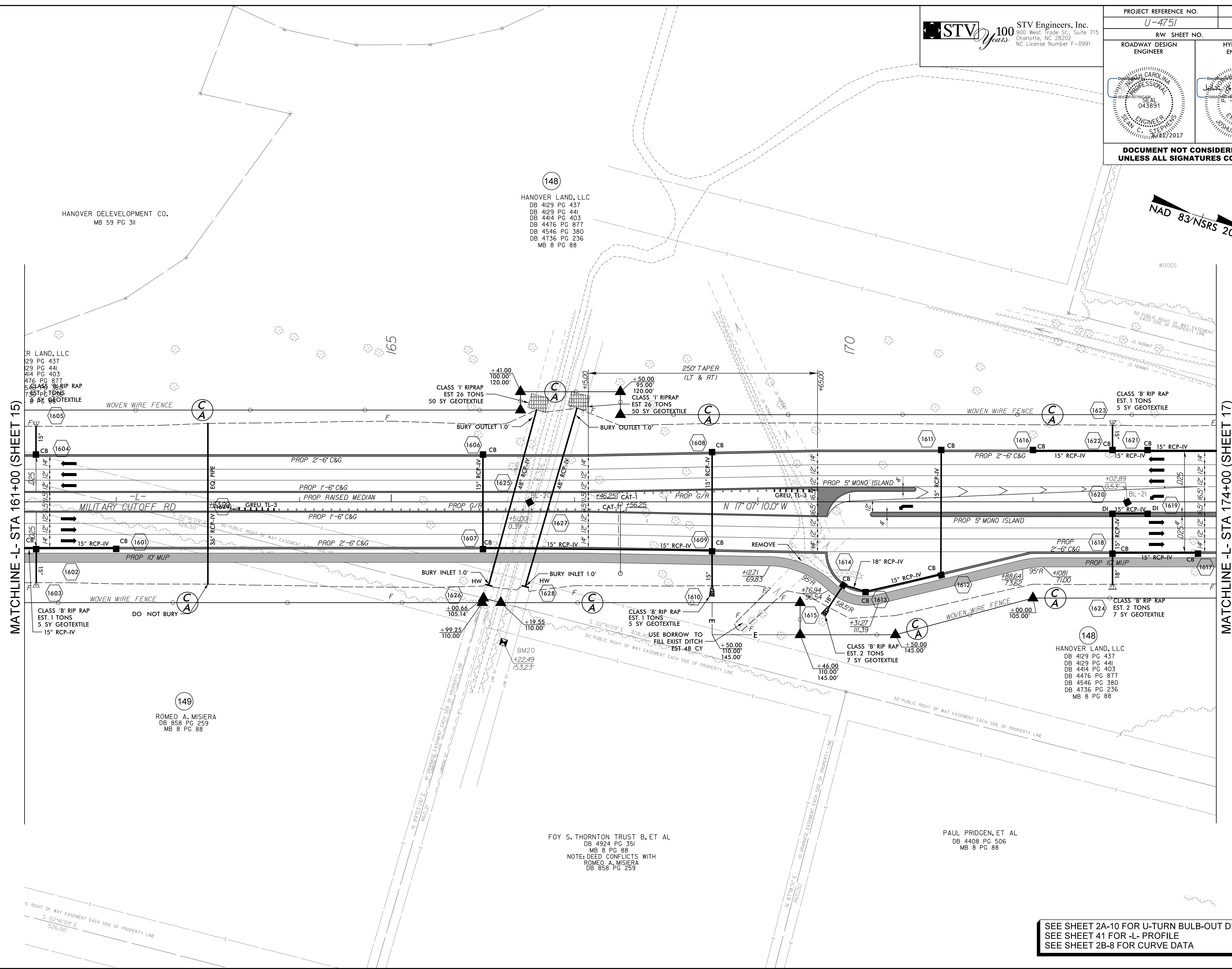
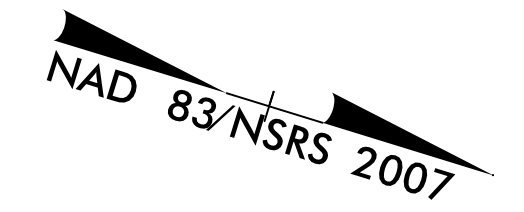
HANOVER LAND, LLC
DB 4129 PG 437
DB 4129 PG 441
DB 4414 PG 403
DB 4476 PG 877
DB 4546 PG 380
DB 4736 PG 236
MB 8 PG 88

147
BOBBY R. CHESTER
DB 1015 PG 244

149
ROMEO A. MISIERA
DB 858 PG 259
MB 8 PG 88

SEE SHEET 2A-10 FOR U-TURN BULB-OUT DETAIL
SEE SHEET 40 FOR -L- PROFILE
SEE SHEET 2B-8 FOR CURVE DATA
SEE SHEETS 2D-1 & 2D-2 FOR DITCH DETAILS
SEE SHEETS C3-1 THRU C3-7 FOR CULVERT PLANS
SEE SHEETS 2N-13 & NW-13 FOR NOISE WALL 13 PLANS

7/24/2017
R:\Projects\Projects\SH1\U4751.RDY_psh15.dgn
C:\Users\jacob\Documents\Projects\SH1\U4751.dgn



MATCHLINE-L- STA 161+00 (SHEET 15)

MATCHLINE-L- STA 174+00 (SHEET 17)

HANOVER DELEVELOPMENT CO.
MB 59 PG 311

148
HANOVER LAND, LLC
DB 4129 PG 437
DB 4123 PG 441
DB 4414 PG 403
DB 4476 PG 877
DB 4546 PG 380
DB 4736 PG 236
MB 8 PG 88

R LAND, LLC
29 PG 437
29 PG 441
414 PG 403
476 PG 877
5 CLASS 'B' RIP RAP
7 SY GEOTEXTILE

CLASS 'B' RIP RAP
EST. 1 TONS
5 SY GEOTEXTILE
15" RCP-IV

149
ROMEO A. MISIERA
DB 858 PG 259
MB 8 PG 88

CLASS '1' RIPRAP
EST 26 TONS
50 SY GEOTEXTILE

CLASS '1' RIPRAP
EST 26 TONS
50 SY GEOTEXTILE

CLASS 'B' RIP RAP
EST. 1 TONS
5 SY GEOTEXTILE

CLASS 'B' RIP RAP
EST. 1 TONS
5 SY GEOTEXTILE

CLASS 'B' RIP RAP
EST. 2 TONS
7 SY GEOTEXTILE

148
HANOVER LAND, LLC
DB 4129 PG 437
DB 4123 PG 441
DB 4414 PG 403
DB 4476 PG 877
DB 4546 PG 380
DB 4736 PG 236
MB 8 PG 88

FOY S. THORNTON TRUST B, ET AL
DB 4924 PG 351
MB 8 PG 88
NOTE: DEED CONFLICTS WITH
ROMEO A. MISIERA
DB 858 PG 259

PAUL PRIDDEN, ET AL
DB 4408 PG 506
MB 8 PG 88

SEE SHEET 2A-10 FOR U-TURN BULB-OUT DETAIL
SEE SHEET 41 FOR -L- PROFILE
SEE SHEET 2B-8 FOR CURVE DATA

7/14/2017
R:\V\2017\Proj\SH\T\U4751.RDY -psh16.dgn
C:\Users\jcs\Documents\Projects\U4751\U4751.dwg

PROJECT REFERENCE NO. <i>U-4751</i>		SHEET NO. <i>18</i>	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER			
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

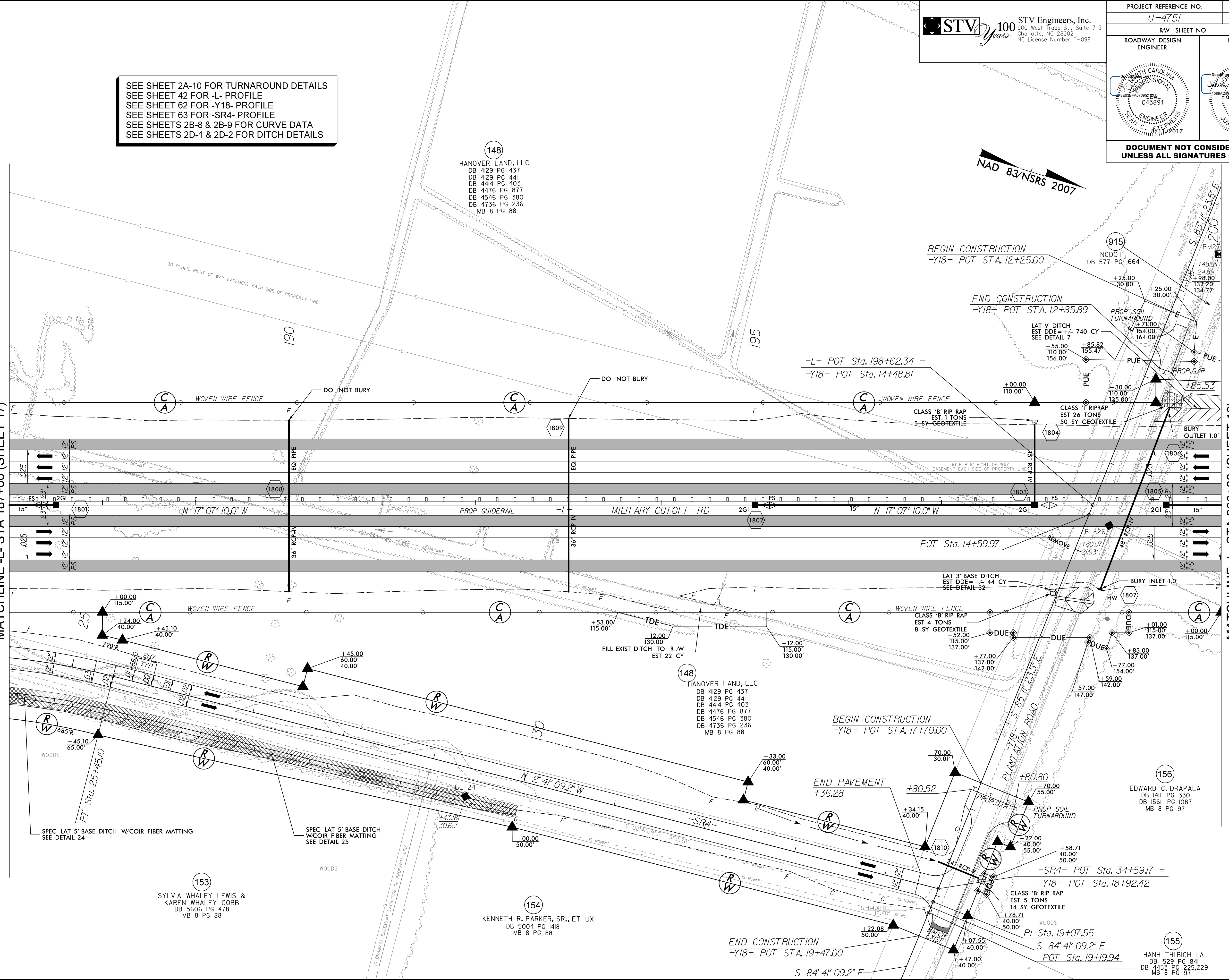
SEE SHEET 2A-10 FOR TURNAROUND DETAILS
SEE SHEET 42 FOR -L- PROFILE
SEE SHEET 62 FOR -Y18- PROFILE
SEE SHEET 63 FOR -SR4- PROFILE
SEE SHEETS 2B-8 & 2B-9 FOR CURVE DATA
SEE SHEETS 2D-1 & 2D-2 FOR DITCH DETAILS

148
HANOVER LAND, LLC
DB 4129 PG 437
DB 4129 PG 441
DB 4414 PG 403
DB 4476 PG 877
DB 4546 PG 380
DB 4736 PG 236
MB 8 PG 88

NAD 83/NSRS 2007

MATCHLINE -L- STA 187+00 (SHEET 17)

MATCHLINE -L- STA 200+00 (SHEET 19)



153
SYLVIA WHALEY LEWIS &
KAREN WHALEY COBB
DB 5606 PG 478
MB 8 PG 88

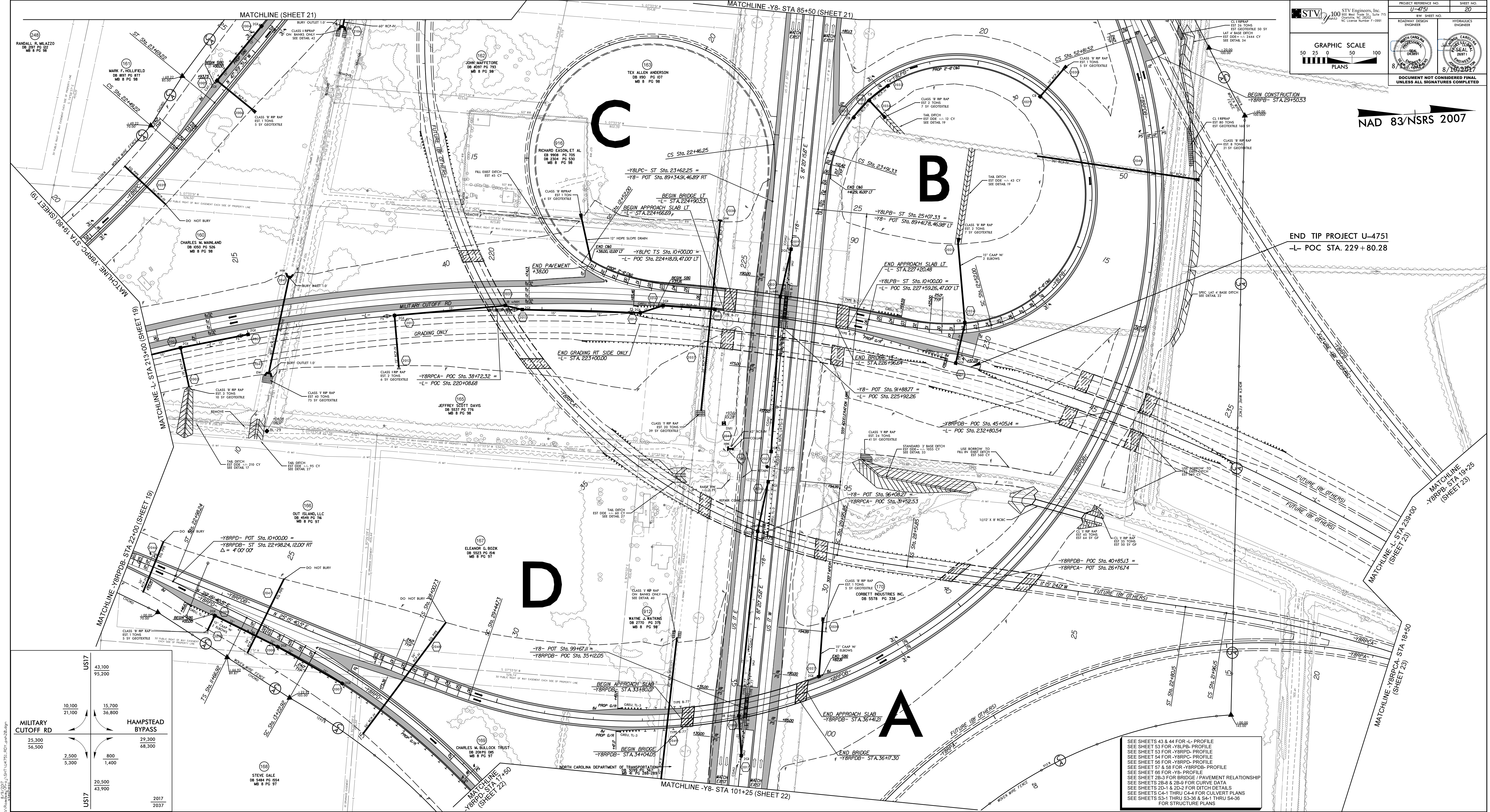
154
KENNETH R. PARKER, SR., ET UX
DB 5004 PG 1418
MB 8 PG 88

148
HANOVER LAND, LLC
DB 4129 PG 437
DB 4129 PG 441
DB 4414 PG 403
DB 4476 PG 877
DB 4546 PG 380
DB 4736 PG 236
MB 8 PG 88

156
EDWARD C. DRAPALA
DB 1411 PG 330
DB 1561 PG 1087
MB 8 PG 97

155
HANH THI BICH LA
DB 1529 PG 841
DB 4453 PG 225,229
MB 8 PG 97

7/14/2017
R:\V\2017\Proj\U4751\U4751_SHT18.dgn
psh18.dgn



STV 100 STV Engineers, Inc.
 100 West Edge St., Suite 715
 Durham, NC 27603
 NC License Number F-2099

PROJECT REFERENCE NO. U-4751
 SHEET NO. 20

ROADWAY DESIGN ENGINEER
 HYDRAULICS ENGINEER

GRAPHIC SCALE
 50 25 0 50 100
 PLANS

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

8/14/2017

NAD 83/NSRS 2007

END TIP PROJECT U-4751
 -L- POC STA. 229+80.28

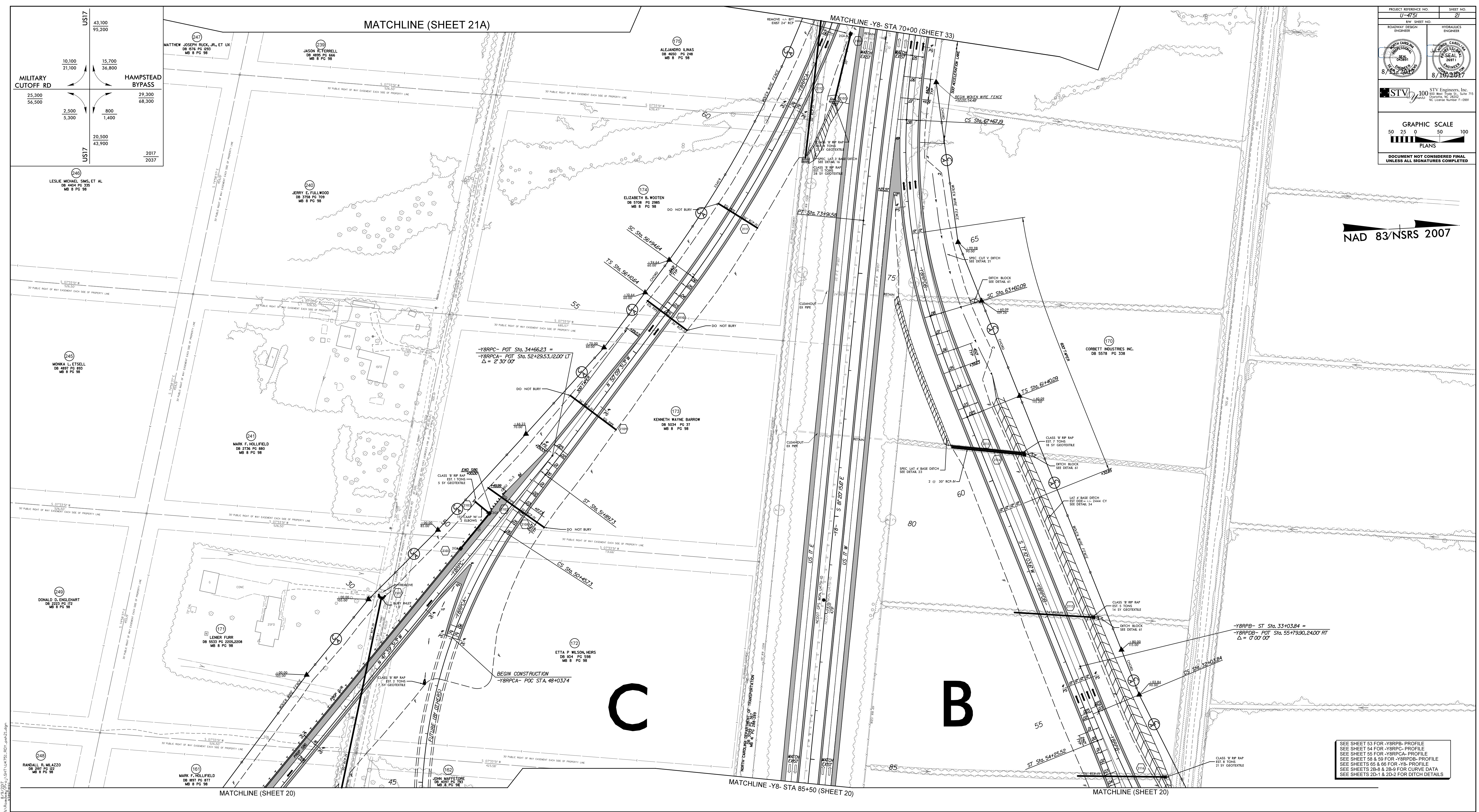
US17	43,100	95,200
	10,100	15,700
	21,100	36,800
MILITARY CUTOFF RD	25,300	29,300
	56,500	68,300
	2,500	800
	5,300	1,400
HAMPSTEAD BYPASS	20,500	43,900
US17	2017	2037

SEE SHEETS 43 & 44 FOR L-PROFILE
 SEE SHEET 53 FOR YBRPB-PROFILE
 SEE SHEET 53 FOR YBRPB-PROFILE
 SEE SHEET 54 FOR YBRPB-PROFILE
 SEE SHEET 56 FOR YBRPB-PROFILE
 SEE SHEET 57 & 58 FOR YBRPB-PROFILE
 SEE SHEET 66 FOR YS-PROFILE
 SEE SHEET 28-3 FOR BRIDGE / PAVEMENT RELATIONSHIP
 SEE SHEETS 28-4 & 28-9 FOR CURVE DATA
 SEE SHEETS 2D-1 & 2D-2 FOR DITCH DETAILS
 SEE SHEETS C4-1 THRU C4-4 FOR CULVERT PLANS
 SEE SHEETS S3-1 THRU S3-36 & S4-1 THRU S4-36
 FOR STRUCTURE PLANS

PROJECT REFERENCE NO.	U-4751
SHEET NO.	21
RDW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
STV 100	STV Engineers, Inc.
100 300 West Gate St., Suite 113	Doraville, GA 30095
Phone: 770-342-1000	Fax: 770-342-1001
IC Code Number: 1-0991	

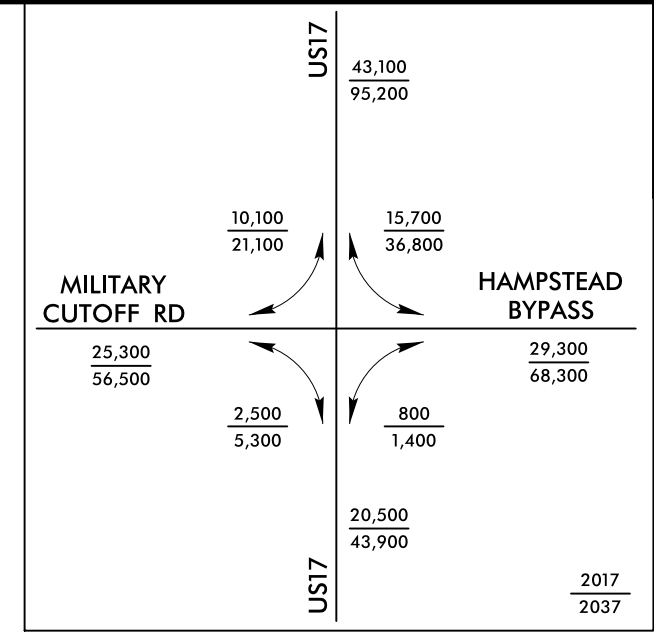
GRAPHIC SCALE
50 25 0 50 100
PLANS
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

NAD 83/NSRS 2007



SEE SHEET 53 FOR -YBRPB- PROFILE
 SEE SHEET 54 FOR -YBRPC- PROFILE
 SEE SHEET 55 FOR -YBRPCA- PROFILE
 SEE SHEET 58 & 59 FOR -YBRPDB- PROFILE
 SEE SHEETS 65 & 66 FOR -YB- PROFILE
 SEE SHEETS 2B-8 & 2B-9 FOR CURVE DATA
 SEE SHEETS 2B-1 & 2B-2 FOR DITCH DETAILS

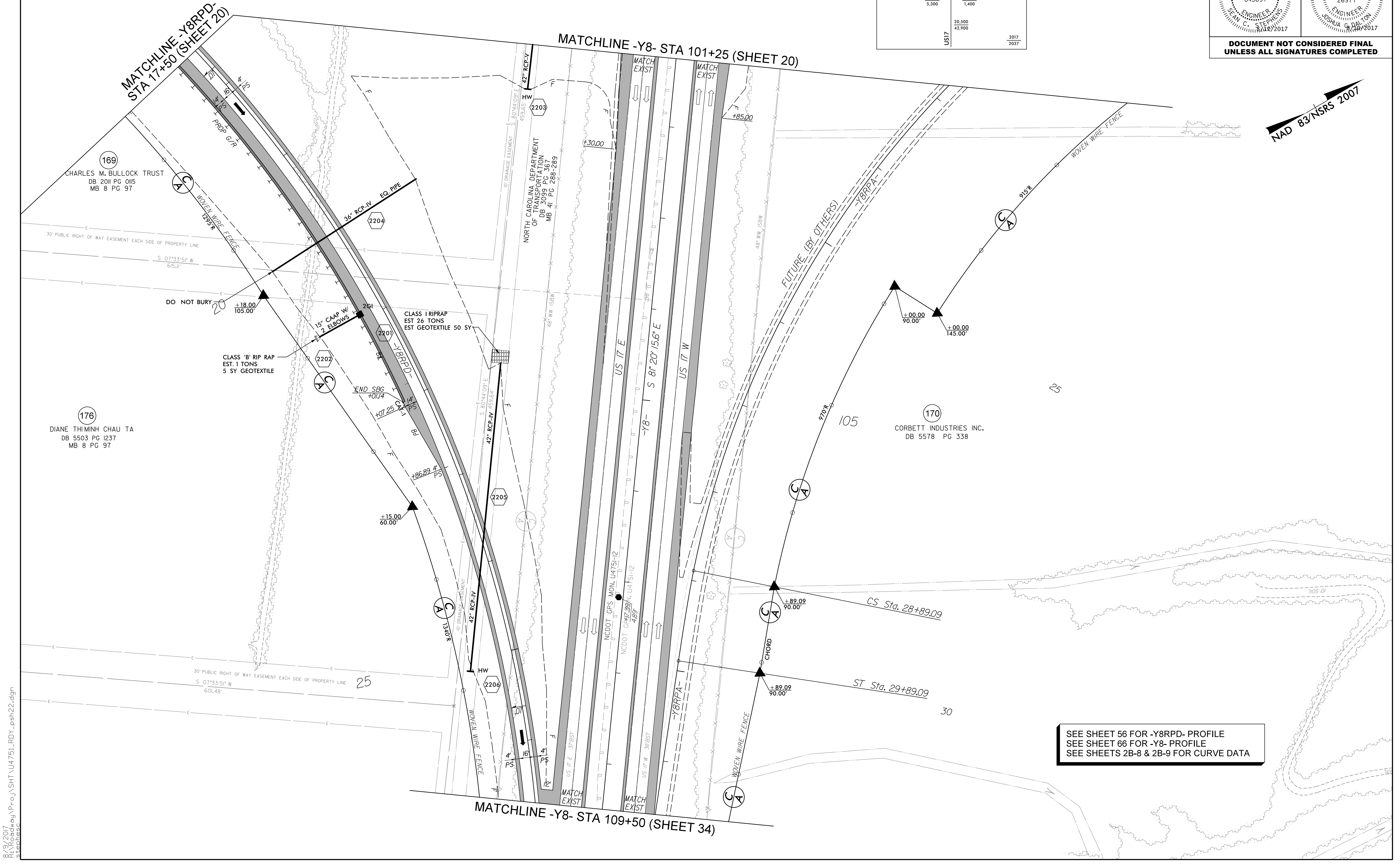
8/14/2017 10:27:27 AM
 C:\Users\jstevenson\Documents\U-4751\21.dwg
 jstevenson



STV 100 Years
 STV Engineers, Inc.
 900 West Trade St., Suite 715
 Charlotte, NC 28202
 NC License Number F-0991

PROJECT REFERENCE NO. U-4751		SHEET NO. 22	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER		SEAL 043891	
SEAL 043891		SEAL 26971	
JAMES C. STEPHENS		JOSHUA S. DALTON	
11/14/2017		11/14/2017	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

NAD 83 N/SRS 2007

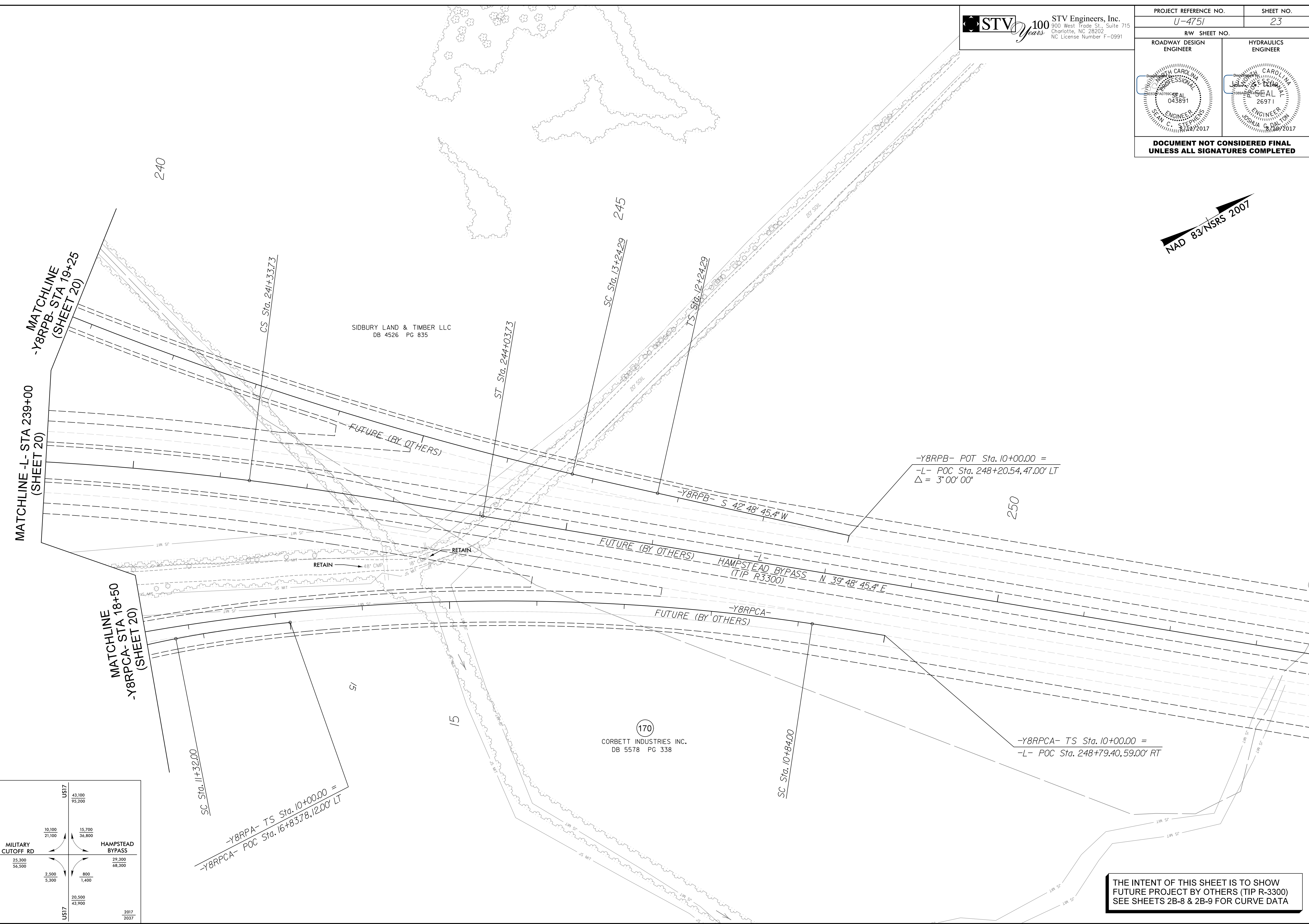
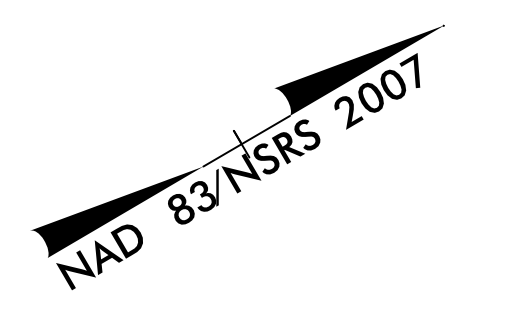


SEE SHEET 56 FOR -Y8RPD- PROFILE
 SEE SHEET 66 FOR -Y8- PROFILE
 SEE SHEETS 2B-8 & 2B-9 FOR CURVE DATA

8/9/2017 R:\Projects\Proj\SH\U4751.RD\psh22.dgn

STV 100 Years
 STV Engineers, Inc.
 900 West Trade St., Suite 715
 Charlotte, NC 28202
 NC License Number F-0991

PROJECT REFERENCE NO. U-4751		SHEET NO. 23	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			



7/14/2017 10:51:23 AM C:\Users\jsh\OneDrive\Projects\14751\RDY_psh23.dgn

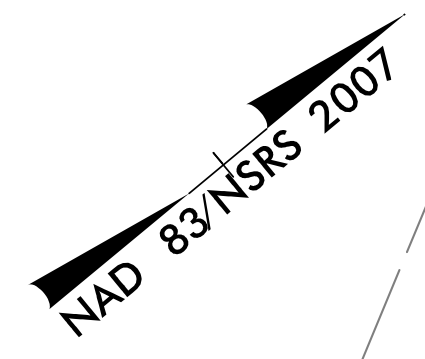
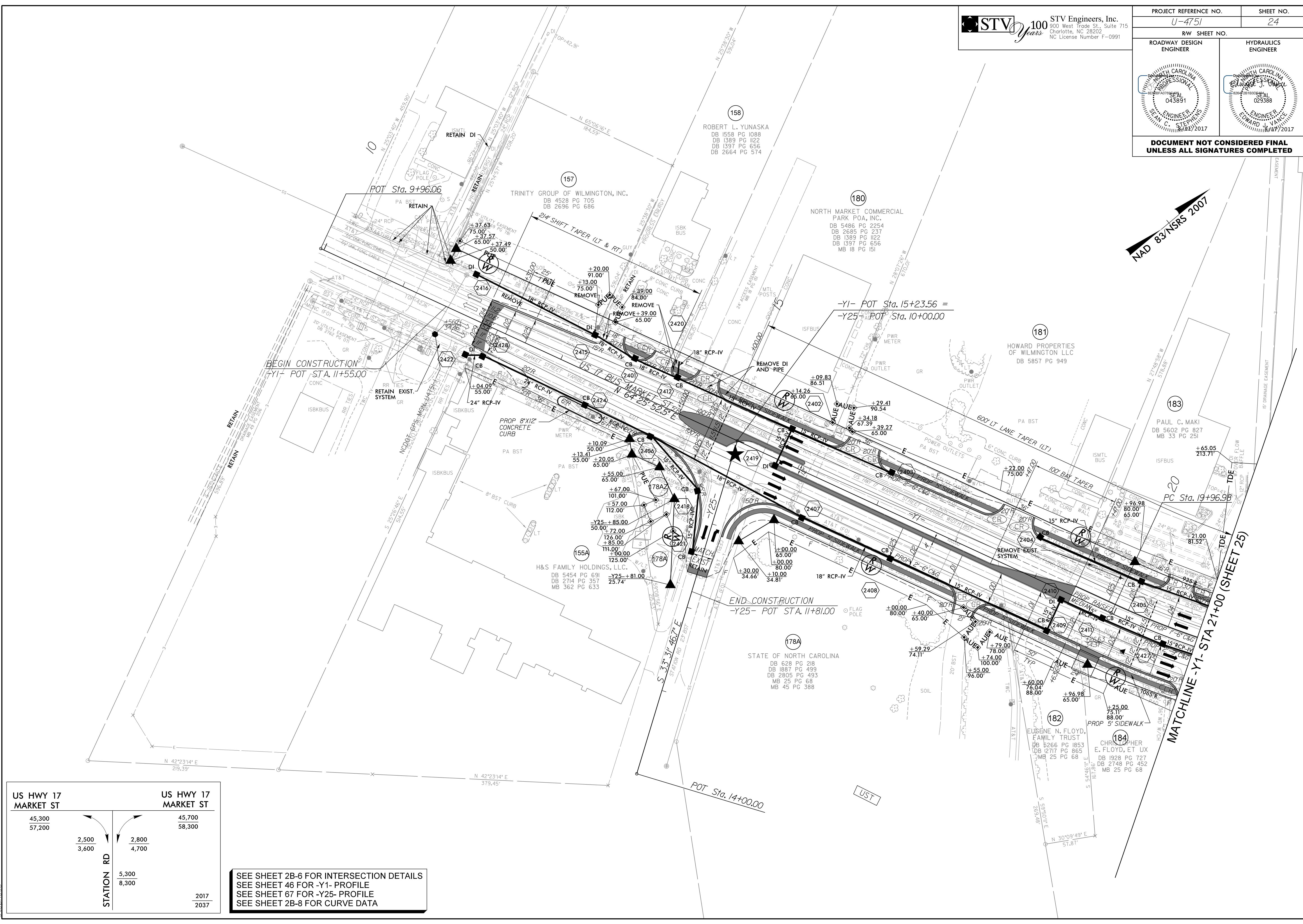
	US17	43,100 95,200	
10,100 21,100		15,700 36,800	
25,300 56,500		29,300 68,300	
	US17	20,500 43,900	
2,500 5,300		800 1,400	

MILITARY CUTOFF RD HAMPSTEAD BYPASS

-Y8RPA- TS Sta. 10+00.00 =
 -Y8RPCA- POC Sta. 16+83.78, 12.00' LT

**THE INTENT OF THIS SHEET IS TO SHOW
 FUTURE PROJECT BY OTHERS (TIP R-3300)
 SEE SHEETS 2B-8 & 2B-9 FOR CURVE DATA**

PROJECT REFERENCE NO. U-4751		SHEET NO. 24
RW SHEET NO.		
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		

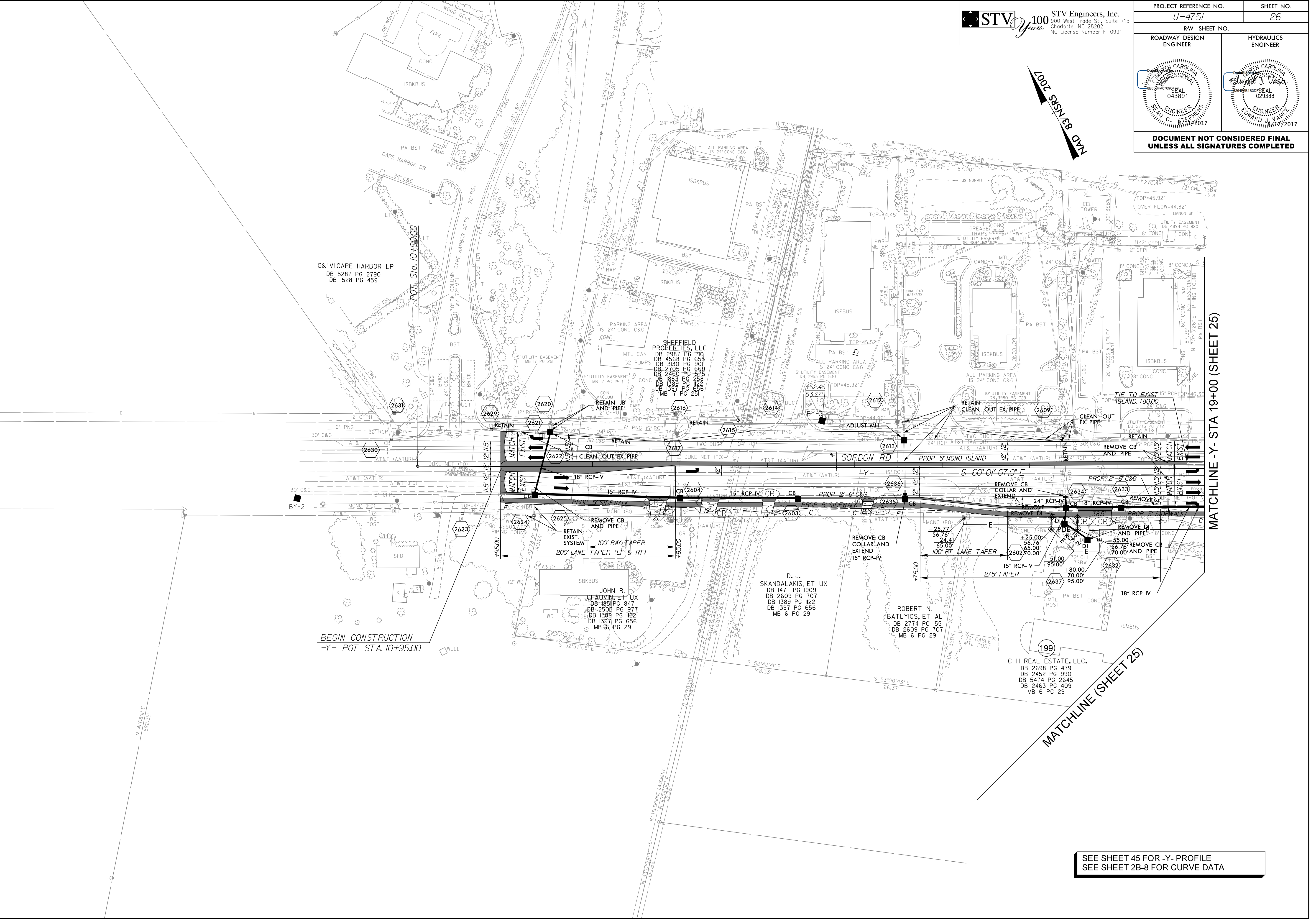
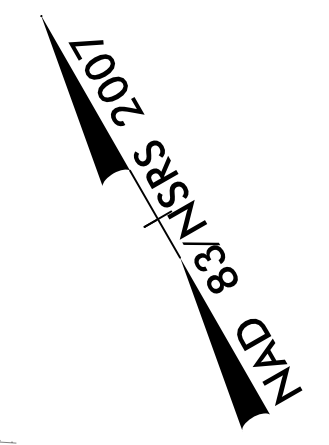


US HWY 17 MARKET ST		US HWY 17 MARKET ST	
45,300	57,200	45,700	58,300
2,500	3,600	2,800	4,700
STATION RD		STATION RD	
5,300	8,300	5,300	8,300
2017		2037	

SEE SHEET 2B-6 FOR INTERSECTION DETAILS
 SEE SHEET 46 FOR -Y1- PROFILE
 SEE SHEET 67 FOR -Y25- PROFILE
 SEE SHEET 2B-8 FOR CURVE DATA

8/9/2017
 R:\Roadway\Projects\ASHT\U4751_RDW_psh24.dgn
 stephenc

PROJECT REFERENCE NO. U-4751		SHEET NO. 26	
RW SHEET NO. ENGINEER		HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			



C&VICAPE HARBOR LP
 DB 5287 PG 2790
 DB 1528 PG 459

SHEFFIELD PROPERTIES, LLC
 DB 2987 PG 710
 DB 4568 PG 603
 DB 2105 PG 666
 DB 2460 PG 666
 DB 1883 PG 666
 DB 1389 PG 666
 DB 1587 PG 666
 MB 11 PG 251

JOHN B. CHAUVIN, ET UX
 DB 1851 PG 847
 DB 2005 PG 917
 DB 1389 PG 1122
 DB 1397 PG 656
 MB 6 PG 29

D. J. SKANDALAKIS, ET UX
 DB 1471 PG 1909
 DB 2609 PG 707
 DB 1389 PG 1122
 DB 1397 PG 656
 MB 6 PG 29

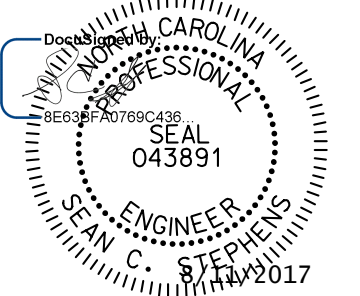
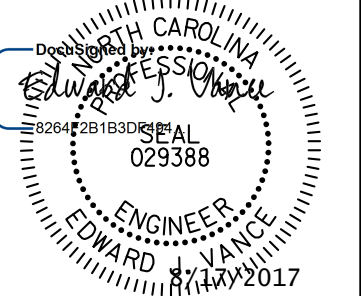
ROBERT N. BATUYIOS, ET AL
 DB 2774 PG 155
 DB 2609 PG 707
 MB 6 PG 29

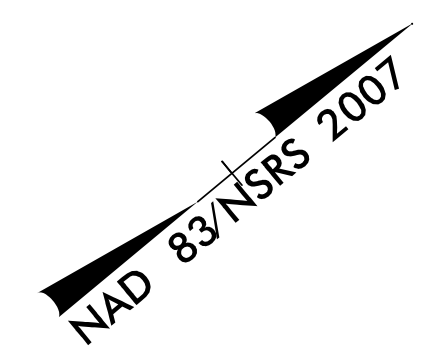
C H REAL ESTATE, LLC.
 DB 2698 PG 479
 DB 2452 PG 990
 DB 5474 PG 2645
 DB 2463 PG 409
 MB 6 PG 29

BEGIN CONSTRUCTION
 -Y- POT STA. 10+95.00

SEE SHEET 45 FOR -Y- PROFILE
 SEE SHEET 2B-8 FOR CURVE DATA

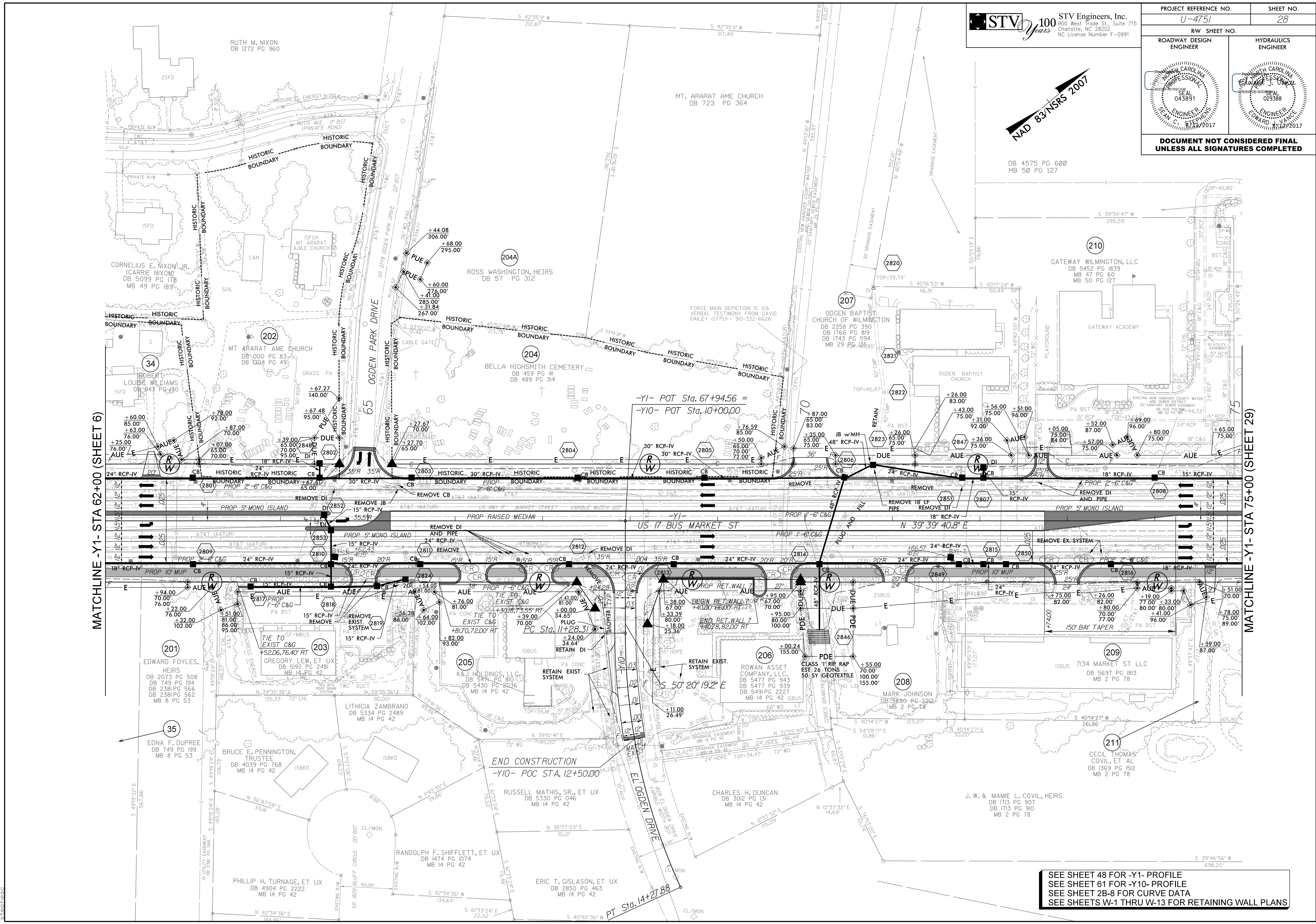
7/14/2017
 R:\V\2017\Proj\N\Proj\SH\U4751.RD\ -psh26.dgn

PROJECT REFERENCE NO. U-4751		SHEET NO. 28	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
			
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			



MATCHLINE -Y1- STA 62+00 (SHEET 6)

MATCHLINE -Y1- STA 75+00 (SHEET 29)



END CONSTRUCTION
-Y10- POC STA. 12+50.00

-Y1- POT Sta. 67+94.56 =
-Y10- POT Sta. 10+00.00

-Y1-
US 17 BUS MARKET ST

-Y10-
PC STA. 11+28.31

S 50°20'19.2" E

PT Sta. 14+27.88

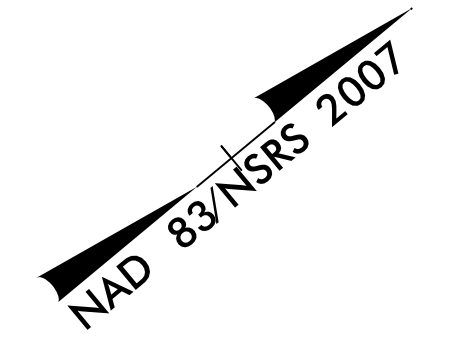
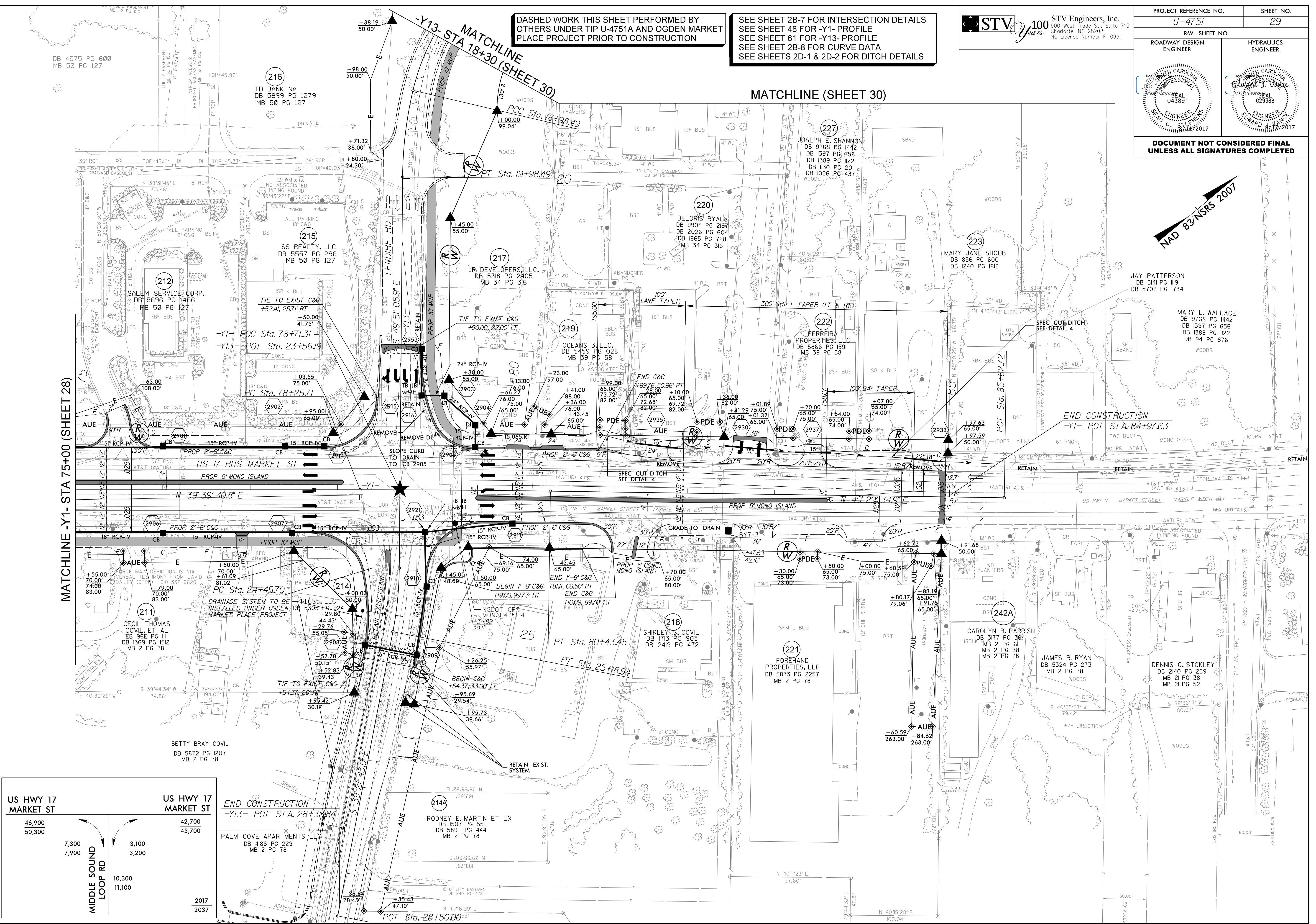
SEE SHEET 48 FOR -Y1- PROFILE
SEE SHEET 61 FOR -Y10- PROFILE
SEE SHEET 2B-8 FOR CURVE DATA
SEE SHEETS W-1 THRU W-13 FOR RETAINING WALL PLANS

R:\Projects\4751\Drawings\4751-RD1-psht28.dgn
stephase

PROJECT REFERENCE NO. U-4751		SHEET NO. 29	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER		ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

DASHED WORK THIS SHEET PERFORMED BY OTHERS UNDER TIP U-4751A AND OGDEN MARKET PLACE PROJECT PRIOR TO CONSTRUCTION

SEE SHEET 2B-7 FOR INTERSECTION DETAILS
SEE SHEET 48 FOR -Y1- PROFILE
SEE SHEET 61 FOR -Y13- PROFILE
SEE SHEET 2B-8 FOR CURVE DATA
SEE SHEETS 2D-1 & 2D-2 FOR DITCH DETAILS



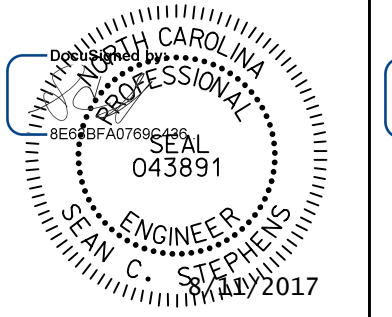

US HWY 17 MARKET ST		US HWY 17 MARKET ST	
46,900	50,300	42,700	45,700
7,300 7,900		3,100 3,200	
10,300 11,100			
		2017 2037	

END CONSTRUCTION
-Y13- POT STA. 28+38.84

PALM COVE APARTMENTS, LLC
DB 4186 PG 229
MB 2 PG 78

RODNEY E. MARTIN ET UX
DB 1507 PG 55
DB 589 PG 444
MB 2 PG 78

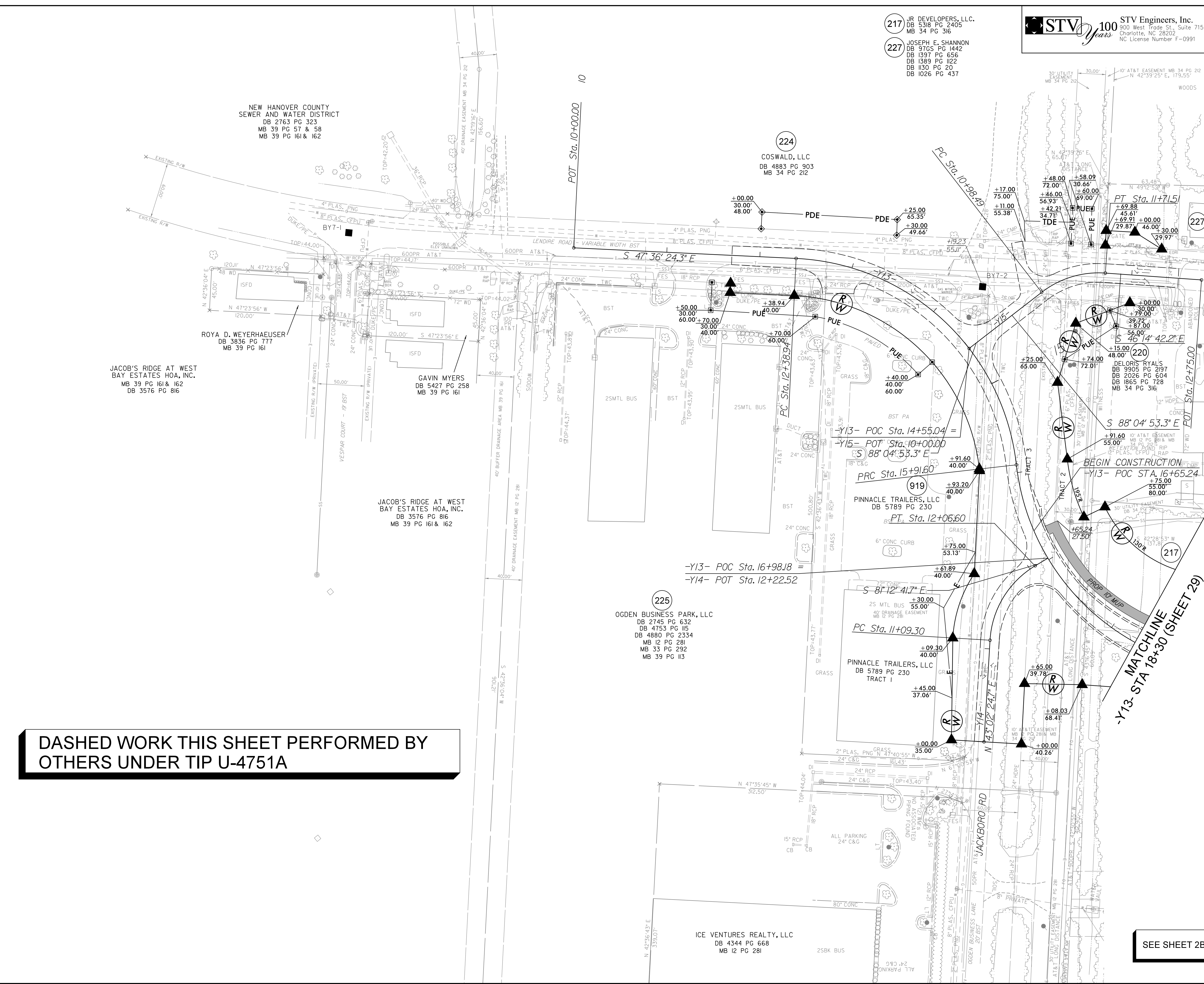
7/14/2017 C:\Users\psh29\Documents\Projects\U4751\RDY_psh29.dgn

PROJECT REFERENCE NO. U-4751		SHEET NO. 30	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER			
			

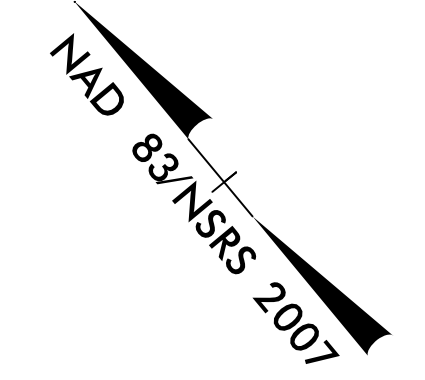
**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

**DASHED WORK THIS SHEET PERFORMED BY
 OTHERS UNDER TIP U-4751A**

SEE SHEET 2B-8 FOR CURVE DATA



MATCHLINE (SHEET 29)

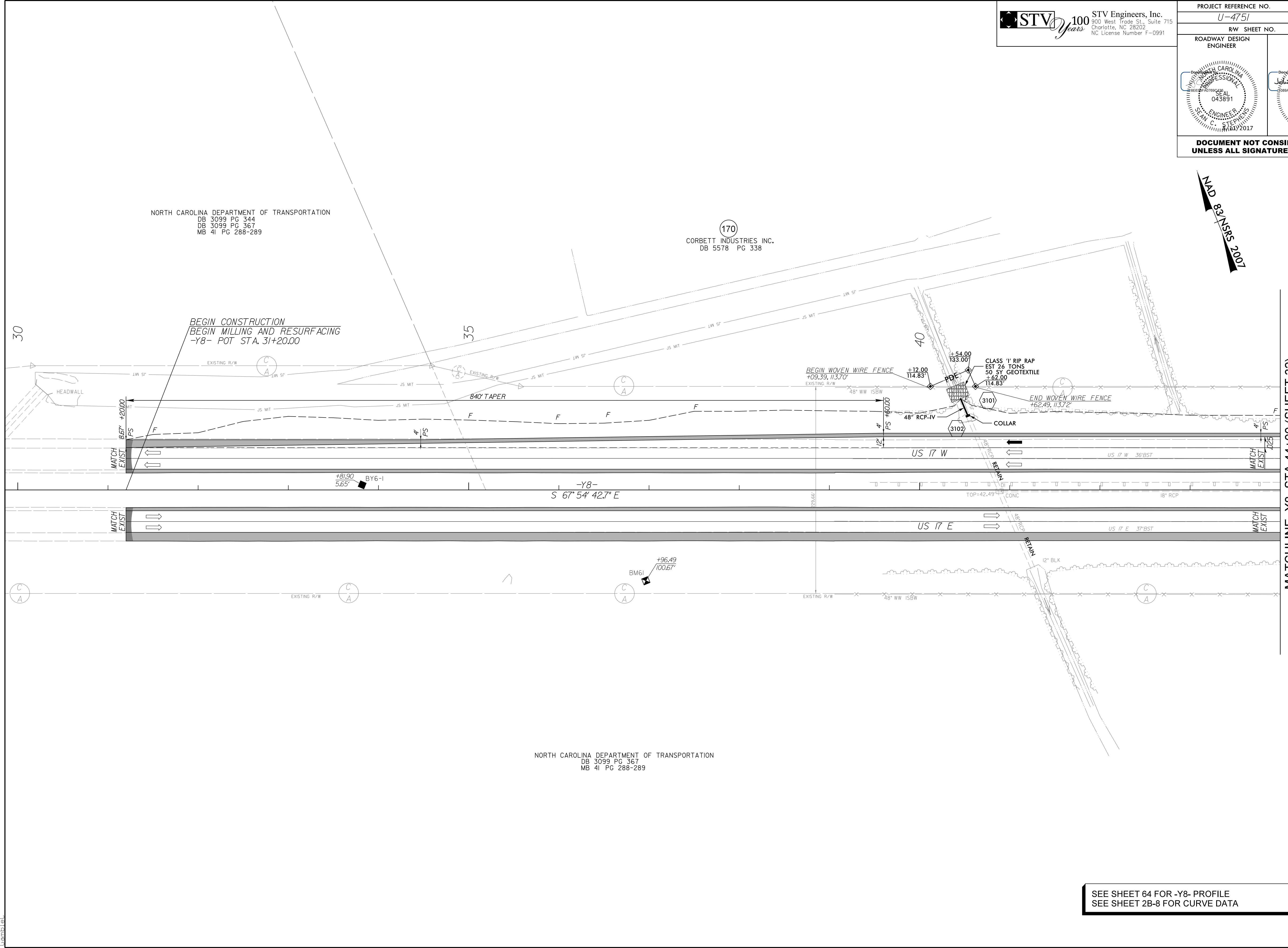
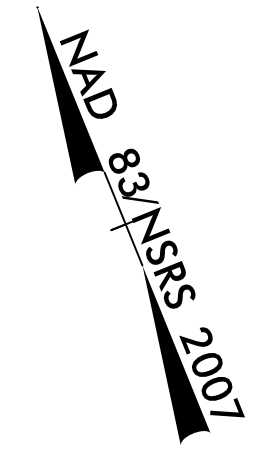


7/14/2017 Proj: SHT\U4751.RDY - psh30.dgn

PROJECT REFERENCE NO. <i>U-4751</i>		SHEET NO. <i>31</i>
RW SHEET NO.		
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DB 3099 PG 344
 DB 3099 PG 367
 MB 4I PG 288-289

170
 CORBETT INDUSTRIES INC.
 DB 5578 PG 338



BEGIN CONSTRUCTION
 BEGIN MILLING AND RESURFACING
 -Y8- POT STA. 31+20.00

BEGIN WOVEN WIRE FENCE
 +12.00
 114.83'

CLASS 1' RIP RAP
 EST 26 TONS
 50 SY GEOTEXTILE
 +62.00
 114.83'

END WOVEN WIRE FENCE
 +62.49, 113.72'

-Y8-
 S 67° 54' 42.7" E

MATCHLINE -Y8- STA 44+00 (SHEET 32)

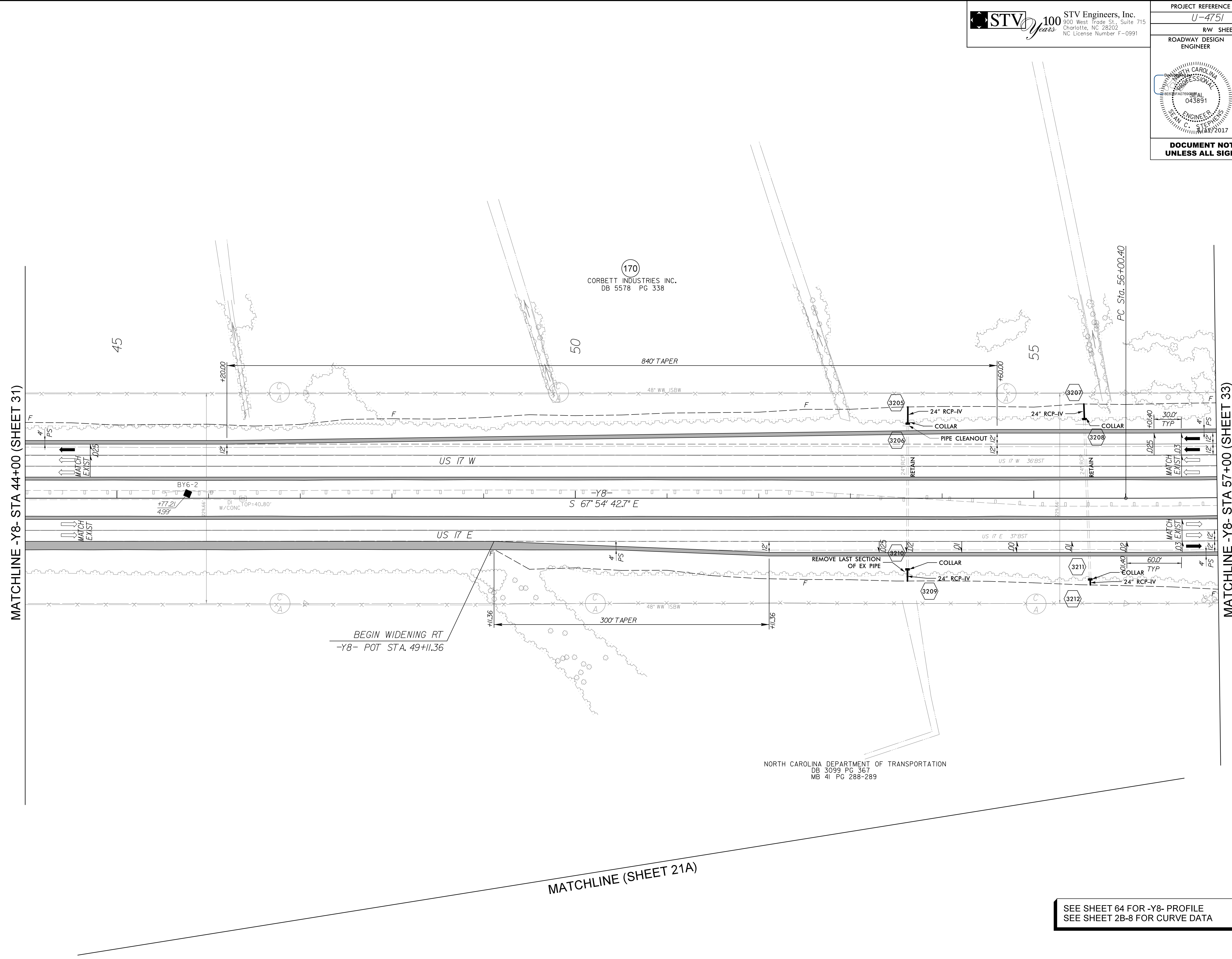
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DB 3099 PG 367
 MB 4I PG 288-289

SEE SHEET 64 FOR -Y8- PROFILE
 SEE SHEET 2B-8 FOR CURVE DATA

7/14/2017
 R:\V\2017\Proj\Proj\SH\U4751.RDY -psh31.dgn
 C:\msdcs\com\ec

PROJECT REFERENCE NO. U-4751		SHEET NO. 32
RW SHEET NO. ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		

NAD 83/NSRS 2007



MATCHLINE -Y8- STA 44+00 (SHEET 31)

MATCHLINE -Y8- STA 57+00 (SHEET 33)

MATCHLINE (SHEET 21A)

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DB 3099 PG 367
MB 41 PG 288-289

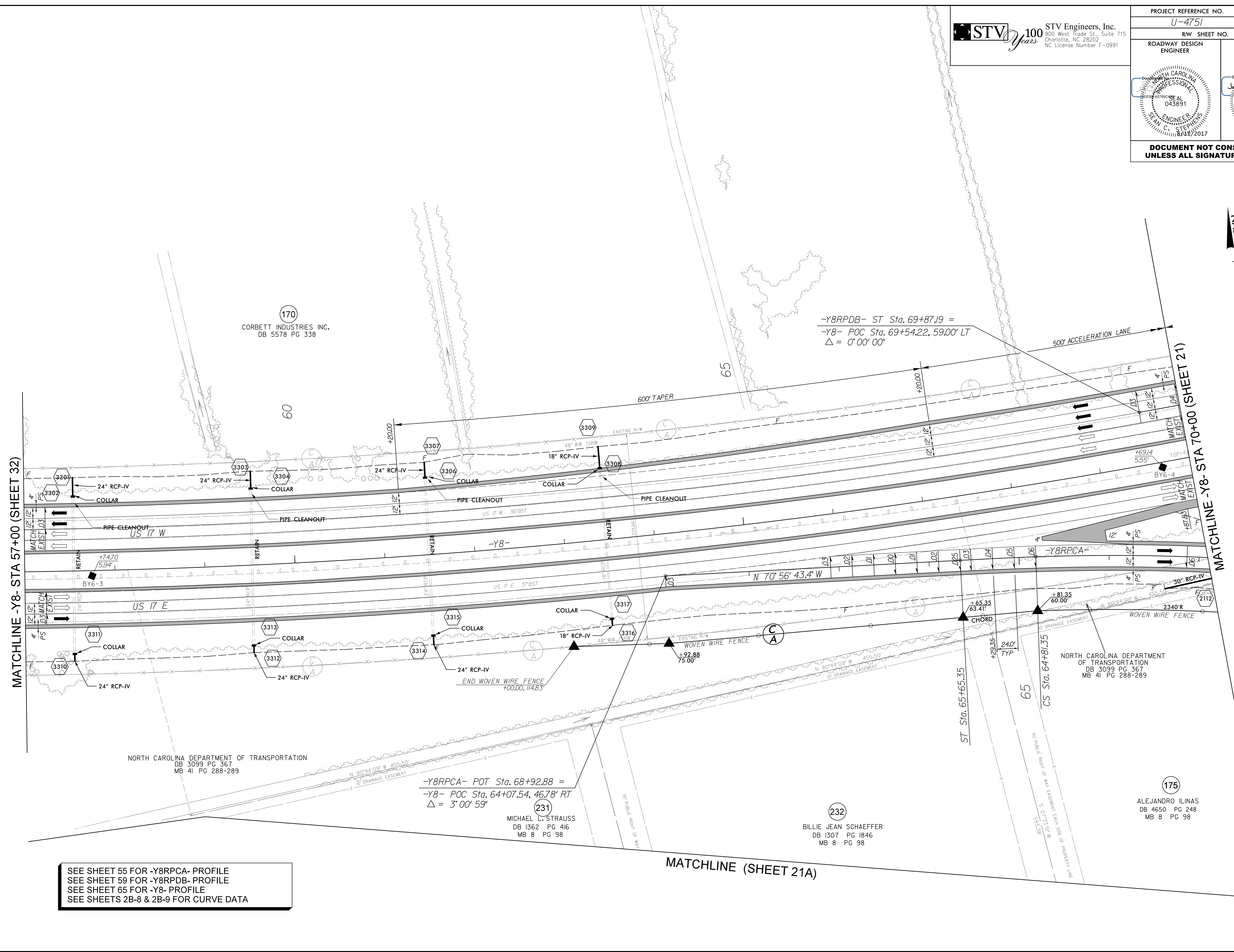
SEE SHEET 64 FOR -Y8- PROFILE
SEE SHEET 2B-8 FOR CURVE DATA

7/14/2017
R:\V\2017\Proj\N\Proj\SH\T\U4751_RDY_psh32.dgn
C:\msdcs\com...

STV 100 Years
 STV Engineers, Inc.
 900 West Trade St., Suite 715
 Charlotte, NC 28202
 NC License Number F-0991

PROJECT REFERENCE NO. U-4751	SHEET NO. 33
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

NAD 83/NRS 2007



170
CORBETT INDUSTRIES INC.
DB 5578 PG 338

-Y8RPDB- ST Sta. 69+87.19 =
-Y8- POC Sta. 69+54.22, 59.00' LT
Δ = 0' 00' 00"

-Y8RPCA- POT Sta. 68+92.88 =
-Y8- POC Sta. 64+07.54, 46.78' RT
Δ = 3' 00' 59"

231
MICHAEL L. STRAUSS
DB 1362 PG 416
MB 8 PG 98

232
BILLIE JEAN SCHAEFFER
DB 1307 PG 1846
MB 8 PG 98

175
ALEJANDRO ILINAS
DB 4650 PG 248
MB 8 PG 98

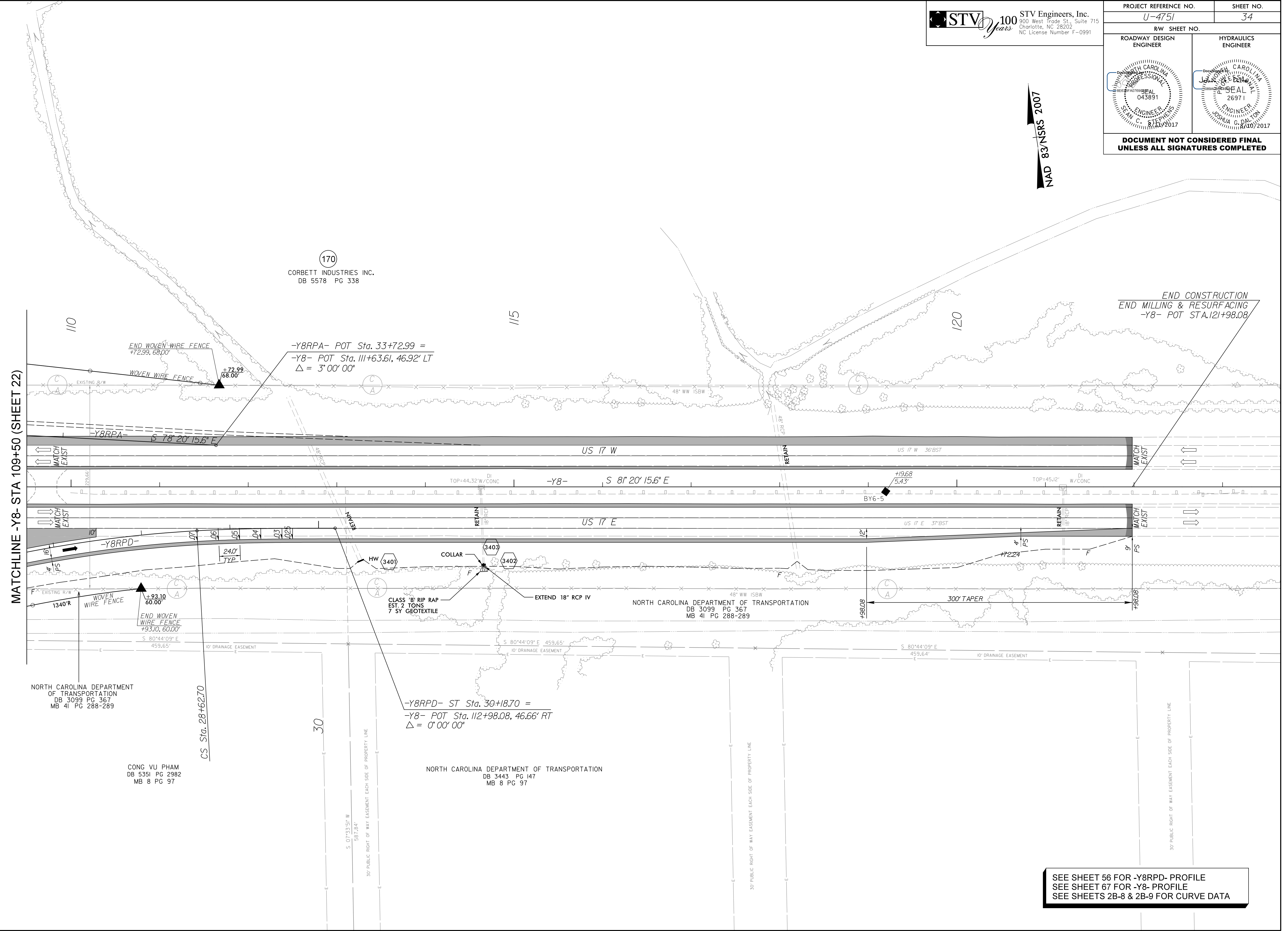
SEE SHEET 55 FOR -Y8RPCA- PROFILE
SEE SHEET 59 FOR -Y8RPDB- PROFILE
SEE SHEET 65 FOR -Y8- PROFILE
SEE SHEETS 2B-8 & 2B-9 FOR CURVE DATA

7/14/2017
R:\V\2017\Proj\NRS\SH\U4751_RDY_psh33.dgn
C:\msdcs\com\ecad\

STV 100 Years
 STV Engineers, Inc.
 900 West Trade St., Suite 715
 Charlotte, NC 28202
 NC License Number F-0991

PROJECT REFERENCE NO. U-4751		SHEET NO. 34	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER	SEAL		SEAL
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

NAD 83 NRS 2007



MATCHLINE -Y8- STA 109+50 (SHEET 22)

END CONSTRUCTION
 END MILLING & RESURFACING
 -Y8- POT STA. 121+98.08

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DB 3099 PG 367
 MB 41 PG 288-289

CONG VU PHAM
 DB 5351 PG 2382
 MB 8 PG 97

-Y8RPD- ST Sta. 30+18.70 =
 -Y8- POT Sta. 112+98.08, 46.66' RT
 Δ = 0' 00' 00"

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DB 3443 PG 147
 MB 8 PG 97

SEE SHEET 56 FOR -Y8RPD- PROFILE
 SEE SHEET 67 FOR -Y8- PROFILE
 SEE SHEETS 2B-8 & 2B-9 FOR CURVE DATA

7/14/2017 10:51 AM Proj\N\Proj\SH\T\U4751.RD1_psh34.dgn

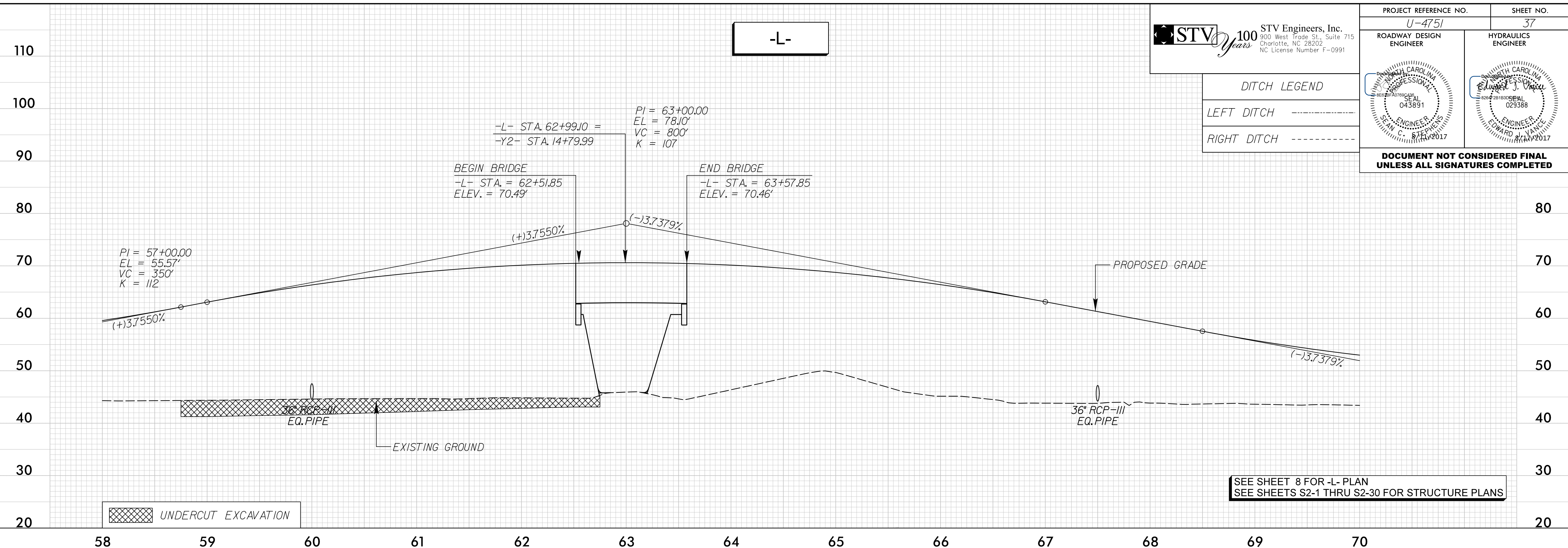
5/28/17

STV 100 Years
STV Engineers, Inc.
 900 West Trade St., Suite 715
 Charlotte, NC 28202
 NC License Number F-0991

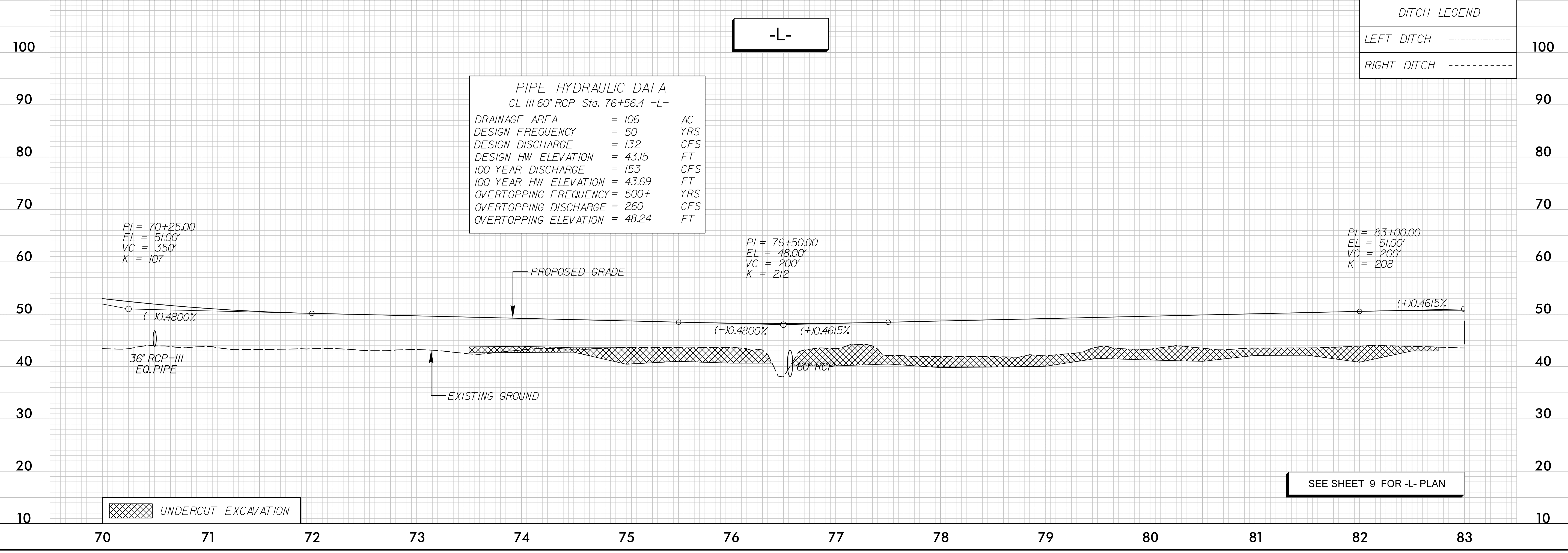
PROJECT REFERENCE NO. U-4751	SHEET NO. 37
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<i>[Signature]</i>	<i>[Signature]</i>
<i>[Seal]</i>	<i>[Seal]</i>
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

DITCH LEGEND

LEFT DITCH	-----
RIGHT DITCH	-----



T:\4751\2017\proj\4751\RDY_psh37_pf1.dgn



PIPE HYDRAULIC DATA
 CL III 60" RCP Sta. 76+56.4 -L-

DRAINAGE AREA	= 106	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 132	CFS
DESIGN HW ELEVATION	= 43.15	FT
100 YEAR DISCHARGE	= 153	CFS
100 YEAR HW ELEVATION	= 43.69	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 260	CFS
OVERTOPPING ELEVATION	= 48.24	FT

5/28/99



PROJECT REFERENCE NO. U-4751	SHEET NO. 38
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<i>[Signature]</i>	<i>[Signature]</i>
SEAL 043891	SEAL 029388
DATE 8/17/2017	DATE 8/17/2017

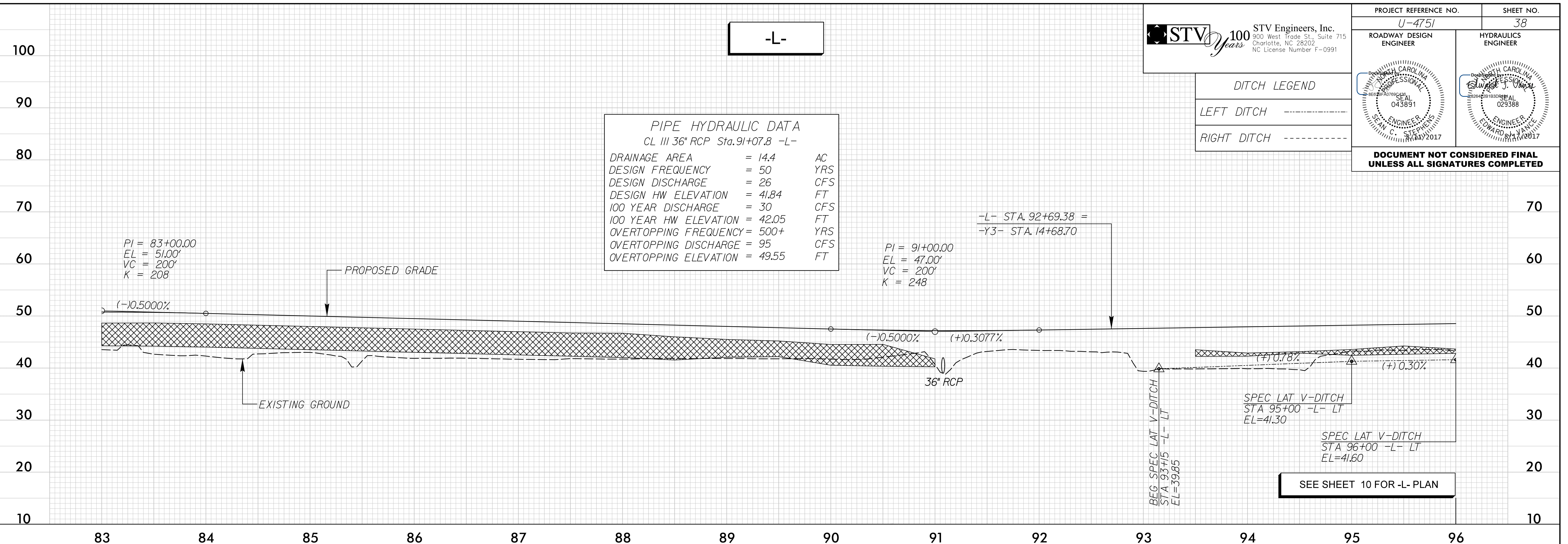
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DITCH LEGEND

LEFT DITCH	-----
RIGHT DITCH	-----

PIPE HYDRAULIC DATA
CL III 36" RCP Sta. 91+07.8 -L-

DRAINAGE AREA	= 14.4	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 26	CFS
DESIGN HW ELEVATION	= 41.84	FT
100 YEAR DISCHARGE	= 30	CFS
100 YEAR HW ELEVATION	= 42.05	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 95	CFS
OVERTOPPING ELEVATION	= 49.55	FT

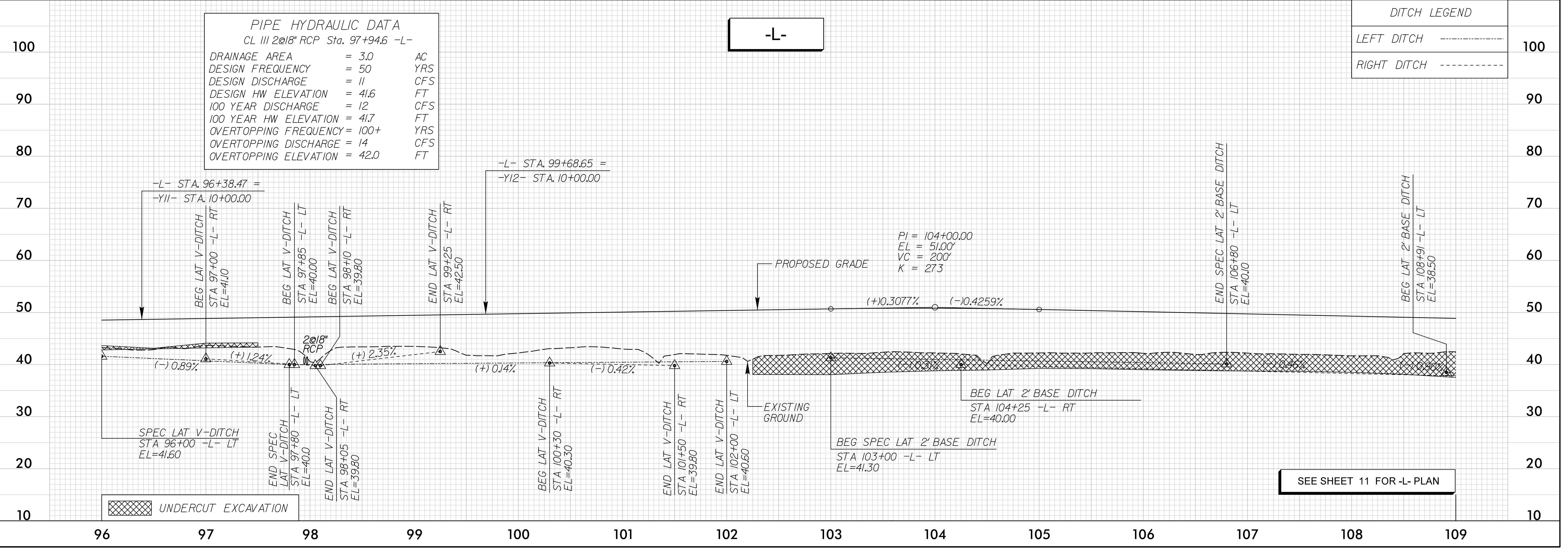


PIPE HYDRAULIC DATA
CL III 20" RCP Sta. 97+94.6 -L-

DRAINAGE AREA	= 3.0	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 11	CFS
DESIGN HW ELEVATION	= 41.6	FT
100 YEAR DISCHARGE	= 12	CFS
100 YEAR HW ELEVATION	= 41.7	FT
OVERTOPPING FREQUENCY	= 100+	YRS
OVERTOPPING DISCHARGE	= 14	CFS
OVERTOPPING ELEVATION	= 42.0	FT

DITCH LEGEND

LEFT DITCH	-----
RIGHT DITCH	-----



T:\4\2017\proj\4751\RDY_psh38.plt.dgn
 5/28/99
 10:45 AM

5/28/17



PROJECT REFERENCE NO. U-4751	SHEET NO. 39
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

PIPE HYDRAULIC DATA
CL III 2@42" RCP Sta. 110+41.7 -L-

DRAINAGE AREA	= 8.6	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 31	CFS
DESIGN HW ELEVATION	= 40.0	FT
100 YEAR DISCHARGE	= 35	CFS
100 YEAR HW ELEVATION	= 40.5	FT
OVERTOPPING FREQUENCY	= 100+	YRS
OVERTOPPING DISCHARGE	= 56	CFS
OVERTOPPING ELEVATION	= 42.0	FT

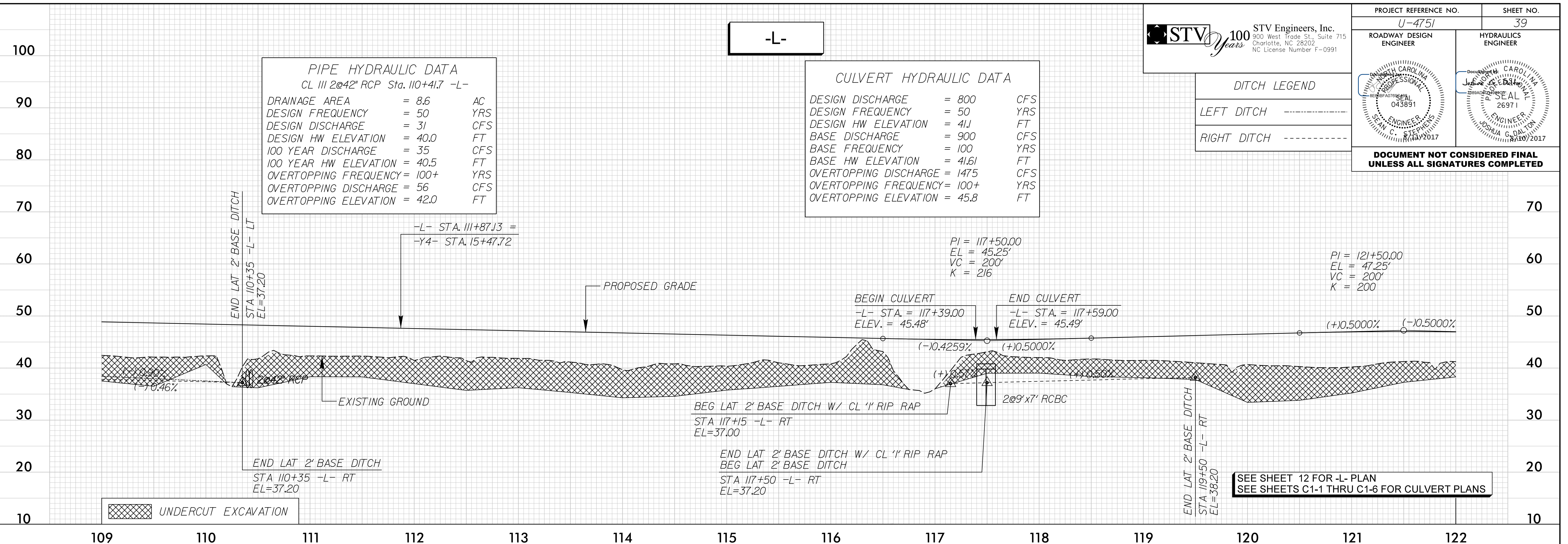
CULVERT HYDRAULIC DATA

DESIGN DISCHARGE	= 800	CFS
DESIGN FREQUENCY	= 50	YRS
DESIGN HW ELEVATION	= 41.1	FT
BASE DISCHARGE	= 900	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 41.61	FT
OVERTOPPING DISCHARGE	= 1475	CFS
OVERTOPPING FREQUENCY	= 100+	YRS
OVERTOPPING ELEVATION	= 45.8	FT

DITCH LEGEND

LEFT DITCH -----

RIGHT DITCH -----



SEE SHEET 12 FOR -L- PLAN
SEE SHEETS C1-1 THRU C1-6 FOR CULVERT PLANS

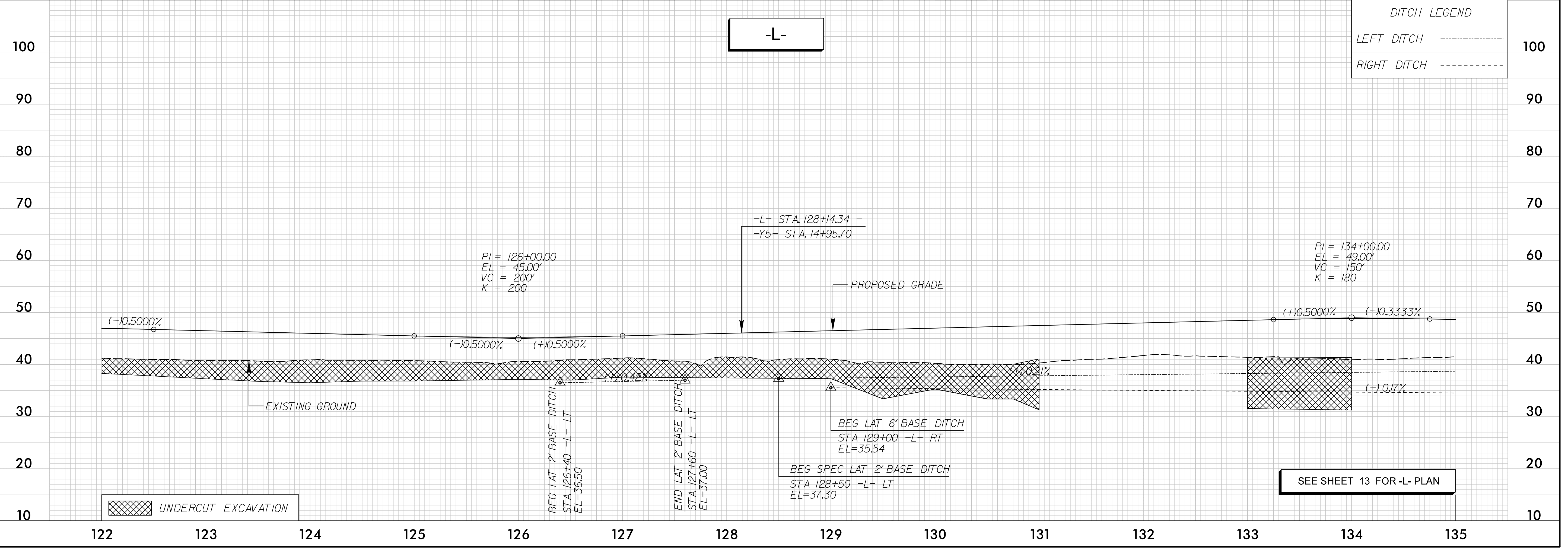
5/24/2017 10:44:00 AM \\P:\proj\4751\RDY\psh39.pfl.dgn

-L-

DITCH LEGEND

LEFT DITCH -----

RIGHT DITCH -----



SEE SHEET 13 FOR -L- PLAN

5/28/17



STV Engineers, Inc.
900 West Trade St., Suite 715
Charlotte, NC 28202
NC License Number F-0991

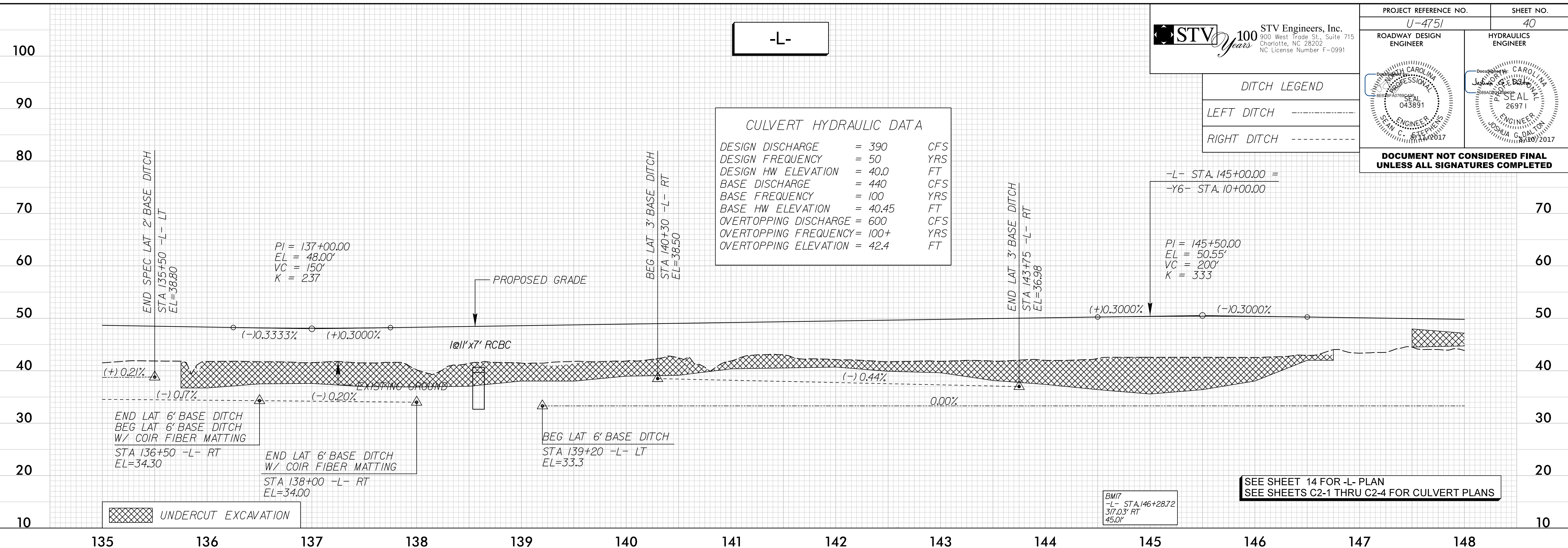
PROJECT REFERENCE NO. U-4751	SHEET NO. 40
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

DITCH LEGEND

LEFT DITCH	-----
RIGHT DITCH	-----

CULVERT HYDRAULIC DATA

DESIGN DISCHARGE	= 390	CFS
DESIGN FREQUENCY	= 50	YRS
DESIGN HW ELEVATION	= 40.0	FT
BASE DISCHARGE	= 440	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 40.45	FT
OVERTOPPING DISCHARGE	= 600	CFS
OVERTOPPING FREQUENCY	= 100+	YRS
OVERTOPPING ELEVATION	= 42.4	FT



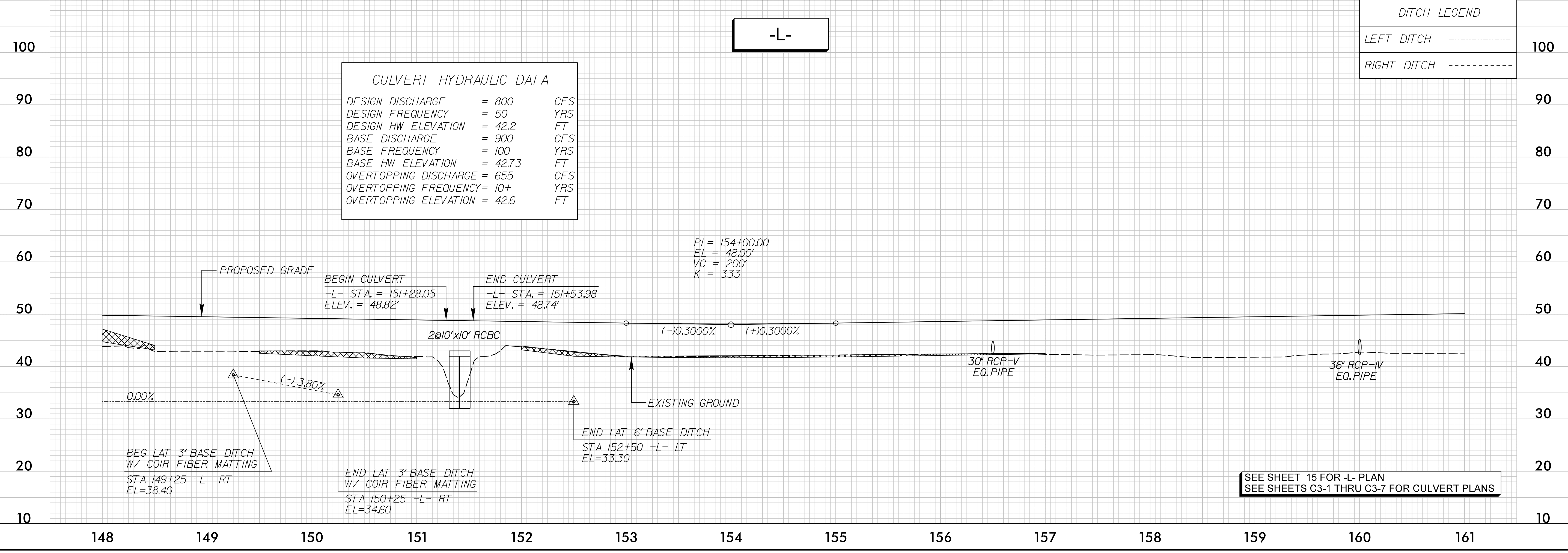
-L-

CULVERT HYDRAULIC DATA

DESIGN DISCHARGE	= 800	CFS
DESIGN FREQUENCY	= 50	YRS
DESIGN HW ELEVATION	= 42.2	FT
BASE DISCHARGE	= 900	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 42.73	FT
OVERTOPPING DISCHARGE	= 655	CFS
OVERTOPPING FREQUENCY	= 10+	YRS
OVERTOPPING ELEVATION	= 42.6	FT

DITCH LEGEND

LEFT DITCH	-----
RIGHT DITCH	-----



T:\4\2017\proj\way\p\proj\SH\U4751_L\RDY_psh40.plt.dgn

5/28/17



PROJECT REFERENCE NO. U-4751	SHEET NO. 41
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

DITCH LEGEND

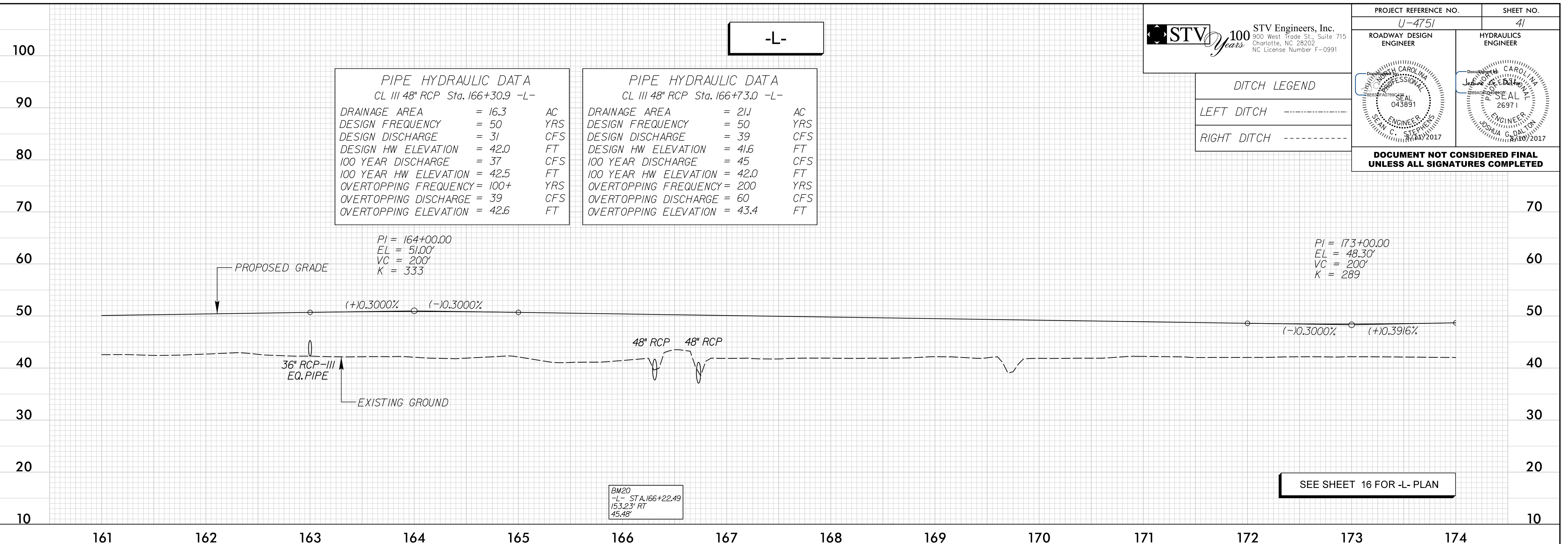
LEFT DITCH	-----
RIGHT DITCH	-----

PIPE HYDRAULIC DATA
CL III 48" RCP Sta. 166+30.9 -L-

DRAINAGE AREA	= 16.3	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 31	CFS
DESIGN HW ELEVATION	= 42.0	FT
100 YEAR DISCHARGE	= 37	CFS
100 YEAR HW ELEVATION	= 42.5	FT
OVERTOPPING FREQUENCY	= 100+	YRS
OVERTOPPING DISCHARGE	= 39	CFS
OVERTOPPING ELEVATION	= 42.6	FT

PIPE HYDRAULIC DATA
CL III 48" RCP Sta. 166+73.0 -L-

DRAINAGE AREA	= 21.1	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 39	CFS
DESIGN HW ELEVATION	= 41.6	FT
100 YEAR DISCHARGE	= 45	CFS
100 YEAR HW ELEVATION	= 42.0	FT
OVERTOPPING FREQUENCY	= 200	YRS
OVERTOPPING DISCHARGE	= 60	CFS
OVERTOPPING ELEVATION	= 43.4	FT



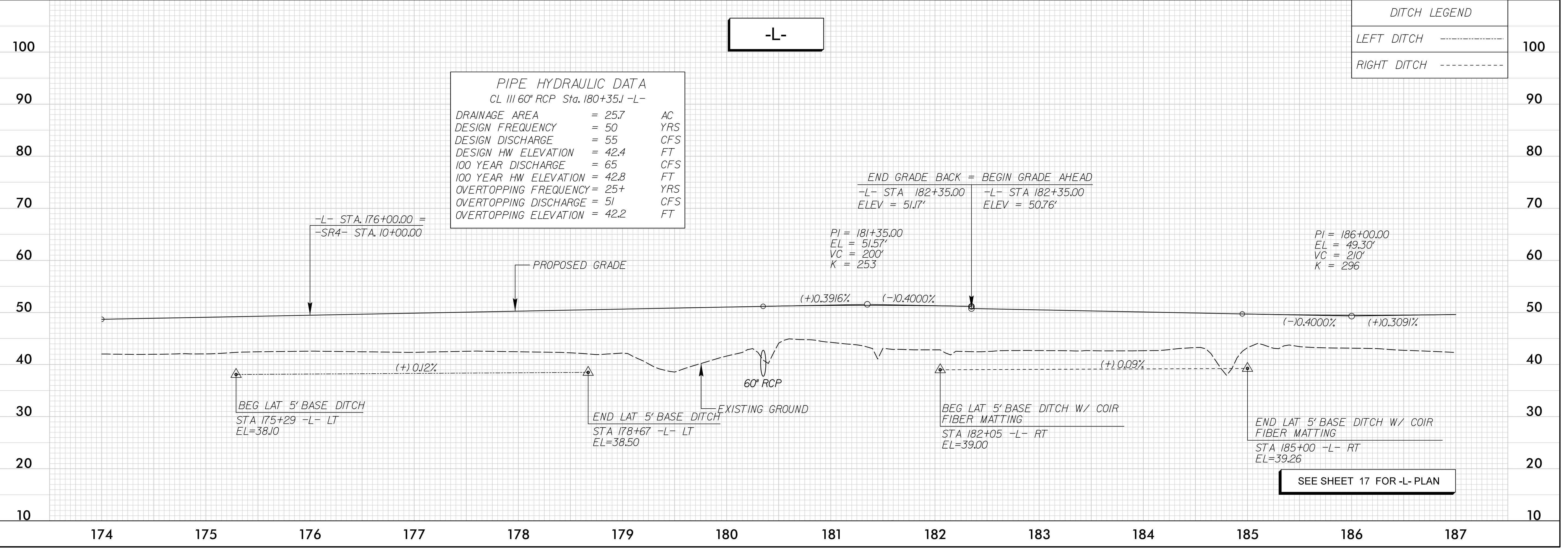
BW20
-L- STA. 166+22.49
153.23' RT
45.48'

T:\4751\2017\proj\4751\RDY_psh41.plt.dgn

PIPE HYDRAULIC DATA
CL III 60" RCP Sta. 180+35J -L-

DRAINAGE AREA	= 25.7	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 55	CFS
DESIGN HW ELEVATION	= 42.4	FT
100 YEAR DISCHARGE	= 65	CFS
100 YEAR HW ELEVATION	= 42.8	FT
OVERTOPPING FREQUENCY	= 25+	YRS
OVERTOPPING DISCHARGE	= 51	CFS
OVERTOPPING ELEVATION	= 42.2	FT

END GRADE BACK = BEGIN GRADE AHEAD
-L- STA 182+35.00 ELEV = 51.17'
-L- STA 182+35.00 ELEV = 50.76'



DITCH LEGEND

LEFT DITCH	-----
RIGHT DITCH	-----

5/28/17

DITCH LEGEND	
LEFT DITCH	-----
RIGHT DITCH	-----

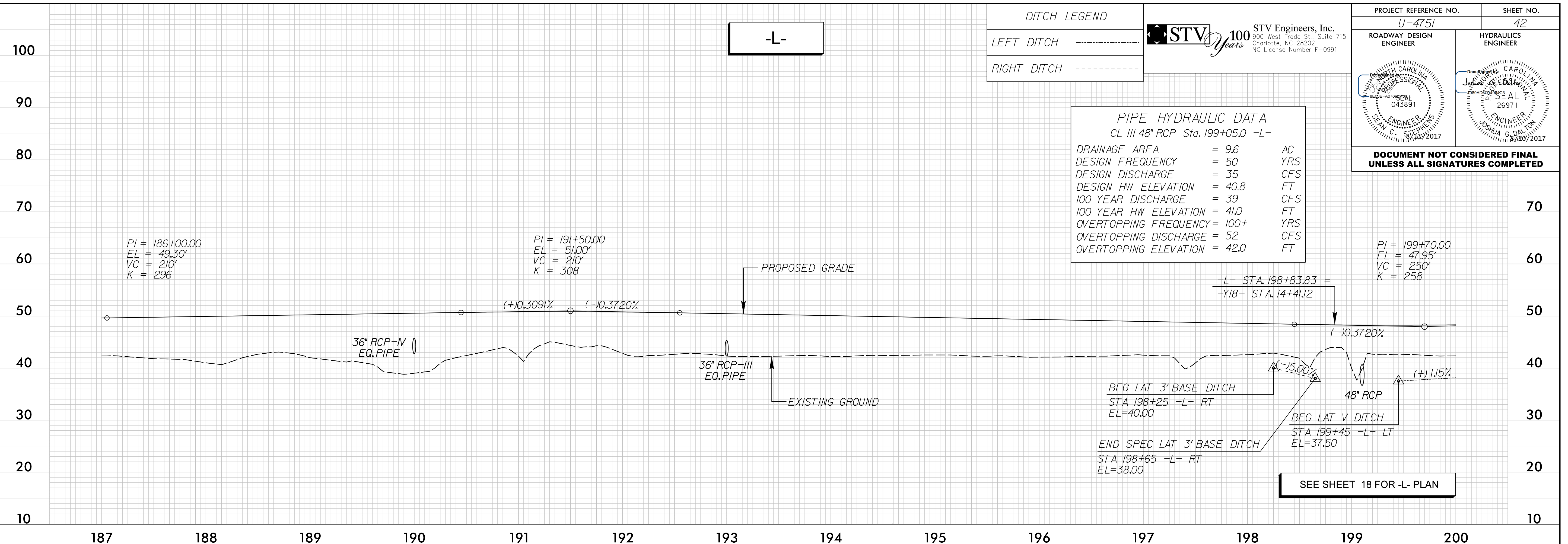
STV 100 Years
 STV Engineers, Inc.
 900 West Trade St., Suite 715
 Charlotte, NC 28202
 NC License Number F-0991

PROJECT REFERENCE NO. U-4751	SHEET NO. 42
ROADWAY DESIGN ENGINEER <i>Joshua G. Dalton</i>	HYDRAULICS ENGINEER <i>Joshua G. Dalton</i>

PIPE HYDRAULIC DATA
 CL III 48" RCP Sta. 199+05.0 -L-

DRAINAGE AREA	= 9.6	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 35	CFS
DESIGN HW ELEVATION	= 40.8	FT
100 YEAR DISCHARGE	= 39	CFS
100 YEAR HW ELEVATION	= 41.0	FT
OVERTOPPING FREQUENCY	= 100+	YRS
OVERTOPPING DISCHARGE	= 52	CFS
OVERTOPPING ELEVATION	= 42.0	FT

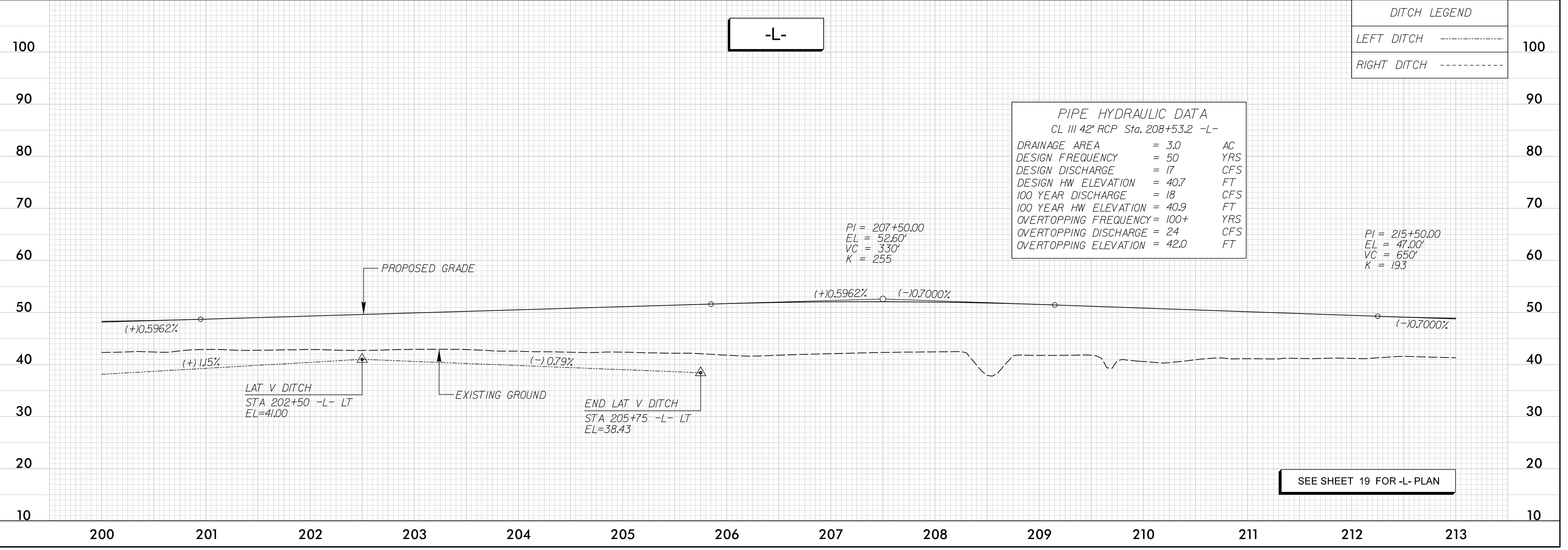
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



DITCH LEGEND	
LEFT DITCH	-----
RIGHT DITCH	-----

PIPE HYDRAULIC DATA
 CL III 42" RCP Sta. 208+53.2 -L-

DRAINAGE AREA	= 3.0	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 17	CFS
DESIGN HW ELEVATION	= 40.7	FT
100 YEAR DISCHARGE	= 18	CFS
100 YEAR HW ELEVATION	= 40.9	FT
OVERTOPPING FREQUENCY	= 100+	YRS
OVERTOPPING DISCHARGE	= 24	CFS
OVERTOPPING ELEVATION	= 42.0	FT



T:\4\2017\proj\4751\SH\U4751_LRDY_psh42.plt.dgn

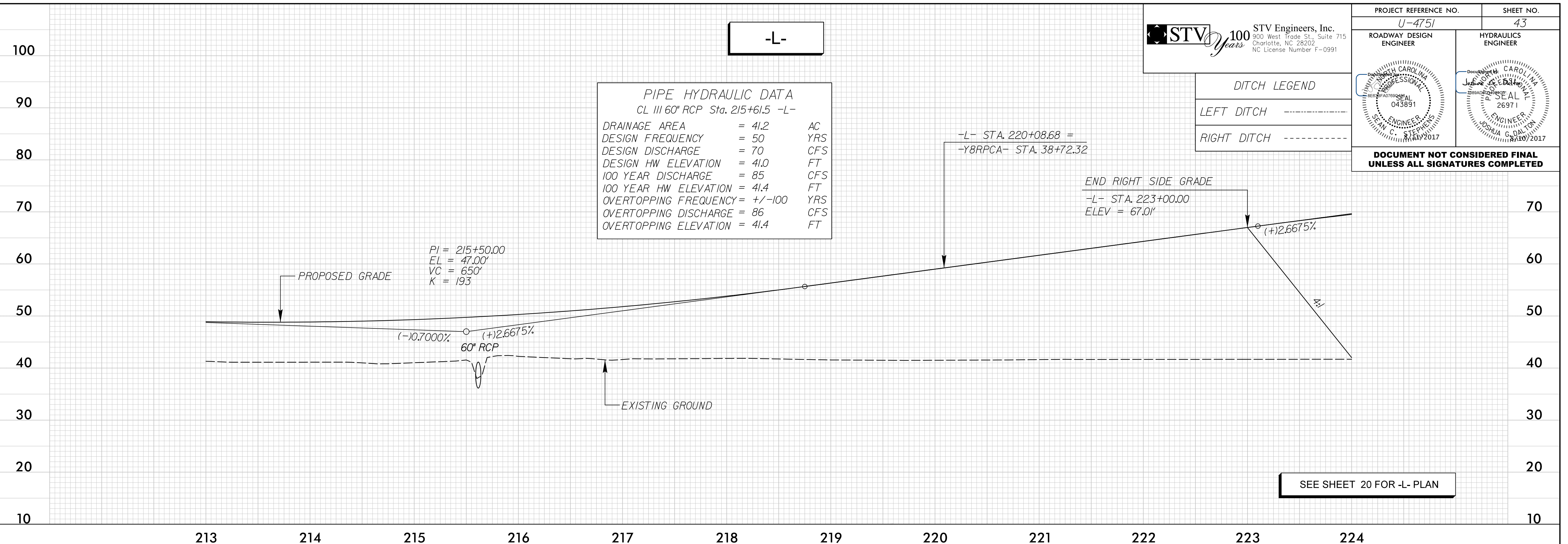
5/28/17



PROJECT REFERENCE NO. U-4751	SHEET NO. 43
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

PIPE HYDRAULIC DATA	
CL III 60" RCP Sta. 215+61.5 -L-	
DRAINAGE AREA	= 41.2 AC
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 70 CFS
DESIGN HW ELEVATION	= 41.0 FT
100 YEAR DISCHARGE	= 85 CFS
100 YEAR HW ELEVATION	= 41.4 FT
OVERTOPPING FREQUENCY	= +/-100 YRS
OVERTOPPING DISCHARGE	= 86 CFS
OVERTOPPING ELEVATION	= 41.4 FT

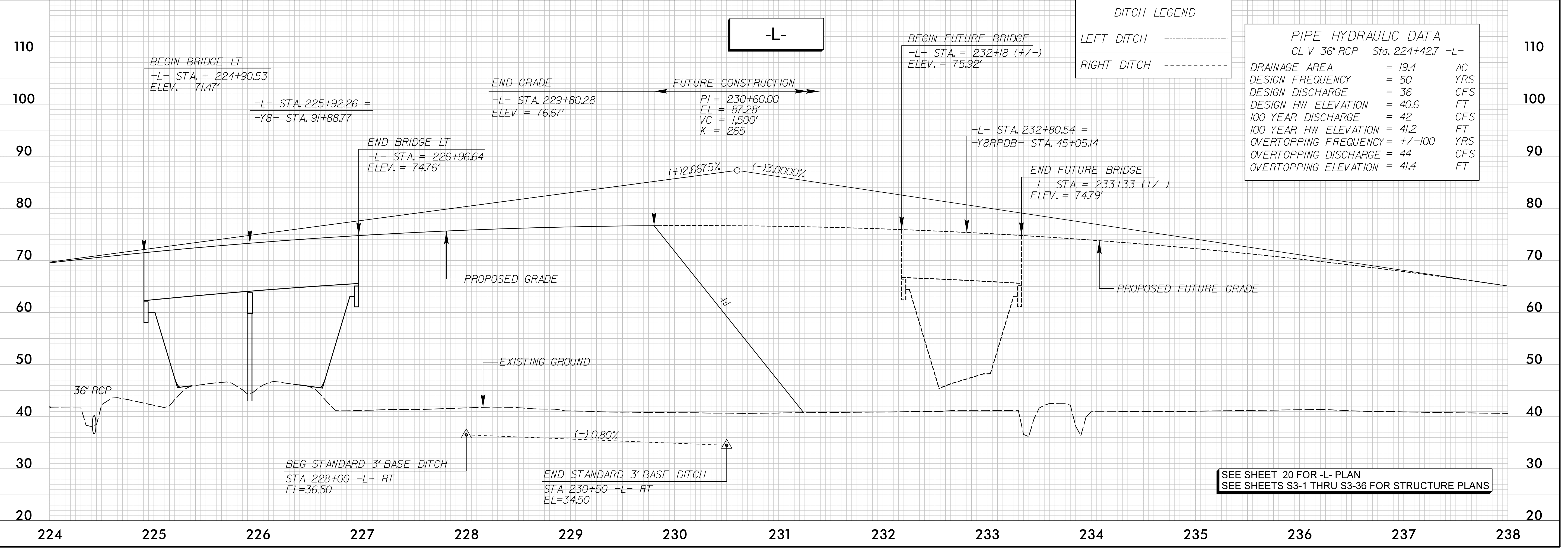
DITCH LEGEND	
LEFT DITCH	-----
RIGHT DITCH	-----



T:\4\2017\proj\4751\RDY_psh43.pfl.dgn
5/28/17
Gambetta

DITCH LEGEND	
LEFT DITCH	-----
RIGHT DITCH	-----

PIPE HYDRAULIC DATA	
CL V 36" RCP Sta. 224+42.7 -L-	
DRAINAGE AREA	= 19.4 AC
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 36 CFS
DESIGN HW ELEVATION	= 40.6 FT
100 YEAR DISCHARGE	= 42 CFS
100 YEAR HW ELEVATION	= 41.2 FT
OVERTOPPING FREQUENCY	= +/-100 YRS
OVERTOPPING DISCHARGE	= 44 CFS
OVERTOPPING ELEVATION	= 41.4 FT



5/28/17

STV 100 Years
 STV Engineers, Inc.
 900 West Trade St., Suite 715
 Charlotte, NC 28202
 NC License Number F-0991

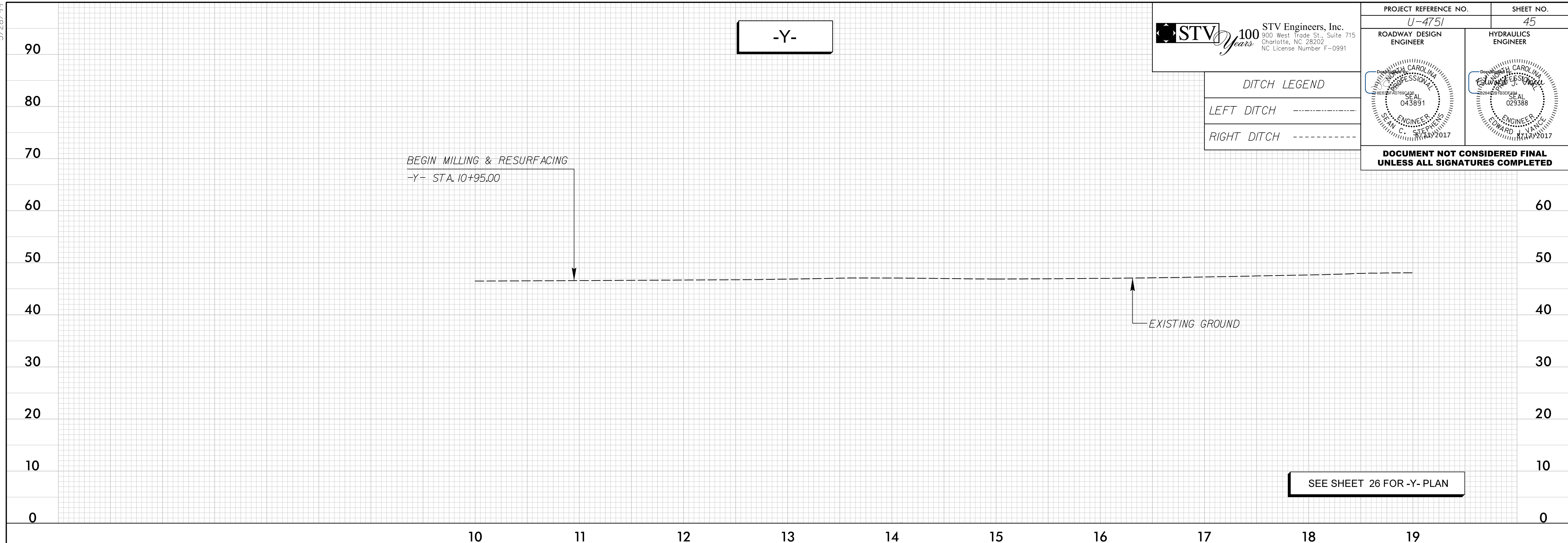
PROJECT REFERENCE NO. U-4751	SHEET NO. 45
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

DITCH LEGEND

LEFT DITCH - - - - -

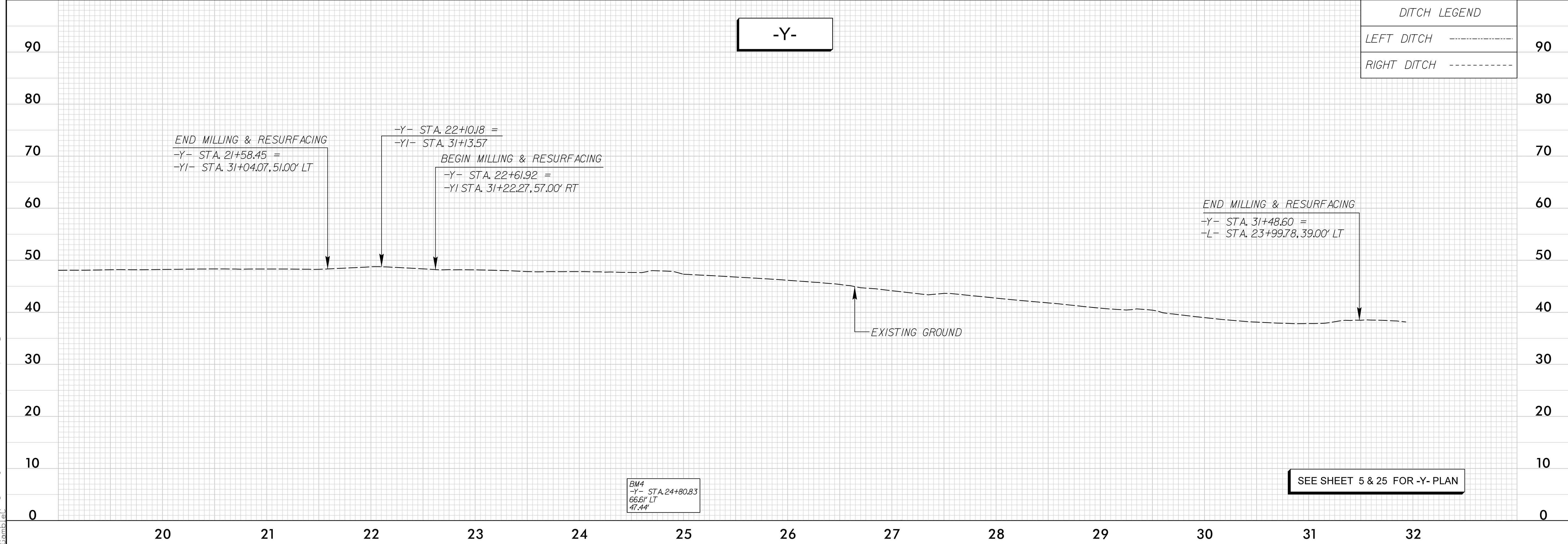
RIGHT DITCH - - - - -

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



SEE SHEET 26 FOR -Y- PLAN

7/14/2017
C:\Users\perry\OneDrive\Documents\Projects\U4751\RDY_psh45.pfl.dgn



DITCH LEGEND

LEFT DITCH - - - - -

RIGHT DITCH - - - - -

SEE SHEET 5 & 25 FOR -Y- PLAN

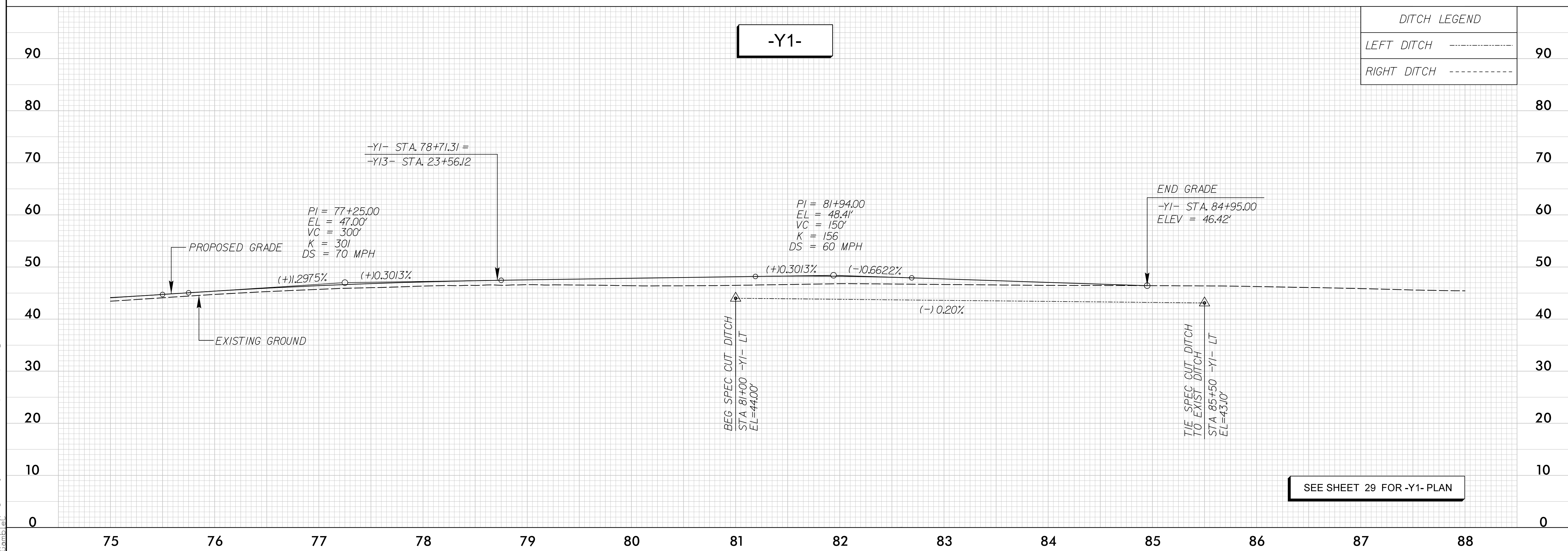
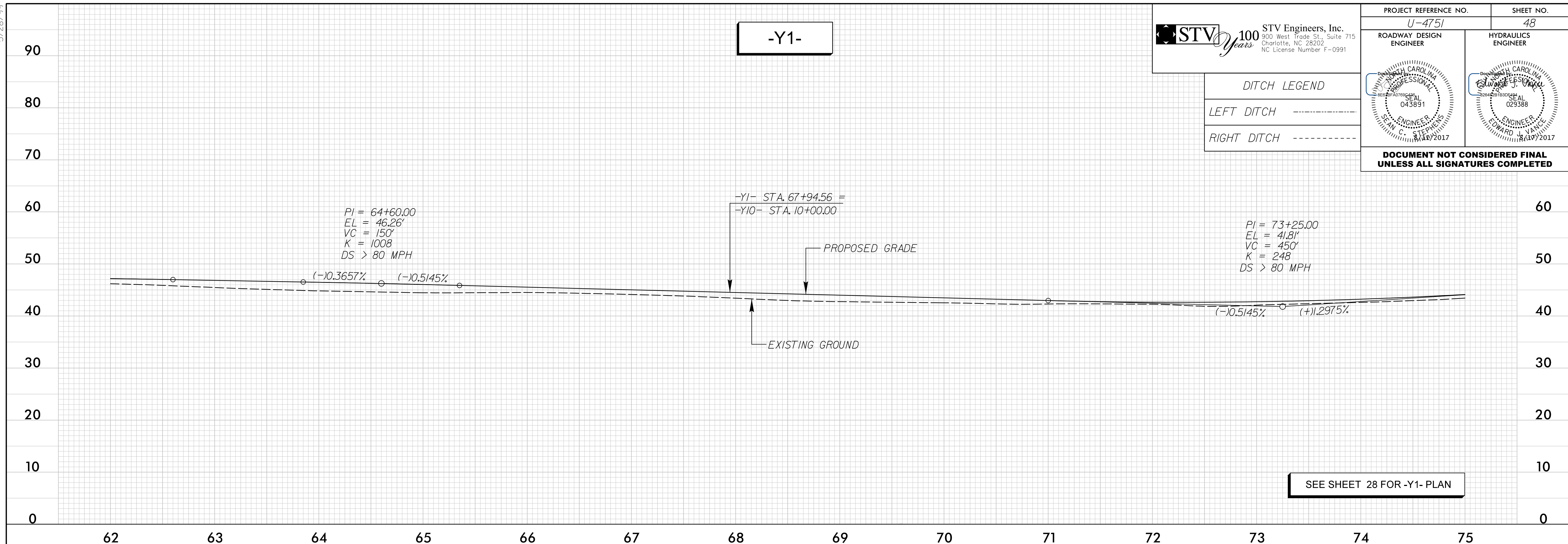
5/28/99

STV 100 Years **STV Engineers, Inc.**
 900 West Trade St., Suite 715
 Charlotte, NC 28202
 NC License Number F-0991

PROJECT REFERENCE NO. U-4751	SHEET NO. 48
ROADWAY DESIGN ENGINEER <i>[Signature]</i>	HYDRAULICS ENGINEER <i>[Signature]</i>
PROFESSIONAL SEAL 043891 STEPHEN G. STEPHENSON 2017	PROFESSIONAL SEAL 029388 EDWARD J. YANICH 2017
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

DITCH LEGEND

LEFT DITCH	-----
RIGHT DITCH	-----



T:\4\2017\proj\way\proj\SHU\4751_RDY_psh48.plt.dgn

5/28/17

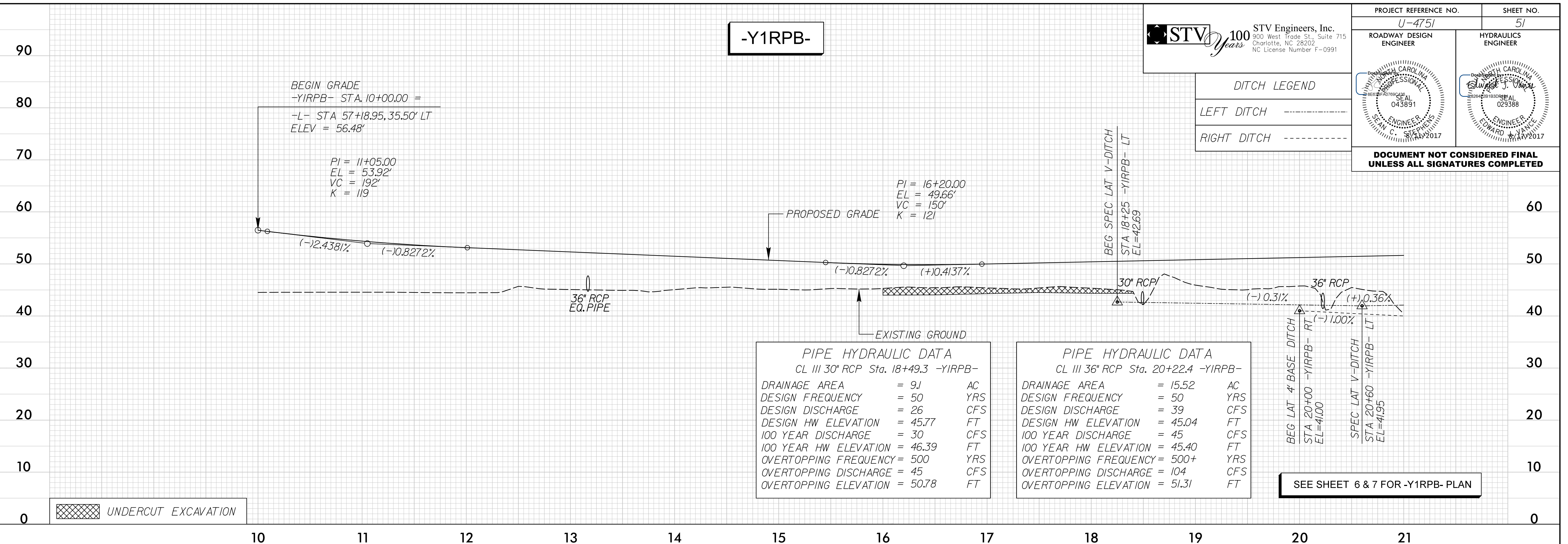


PROJECT REFERENCE NO. U-4751	SHEET NO. 51
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

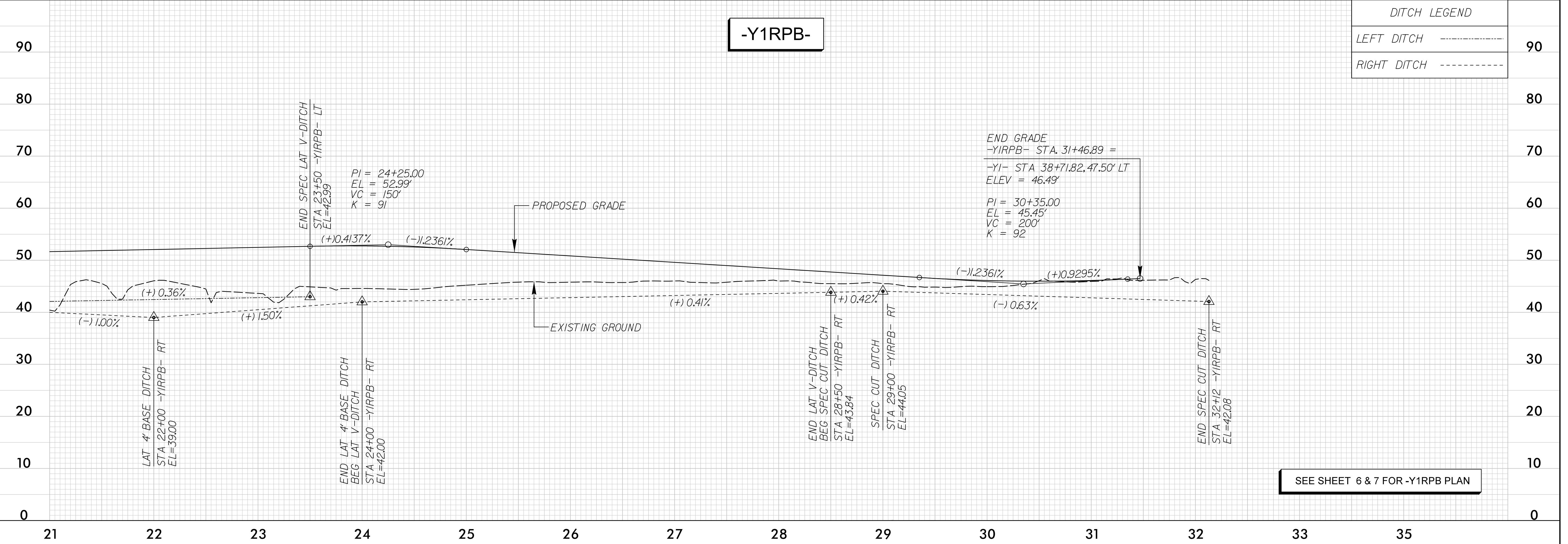
DITCH LEGEND

LEFT DITCH -----

RIGHT DITCH -----



T:\4\2017\p00\p00\SHU\U4751_RDY_psh51.plt.dgn



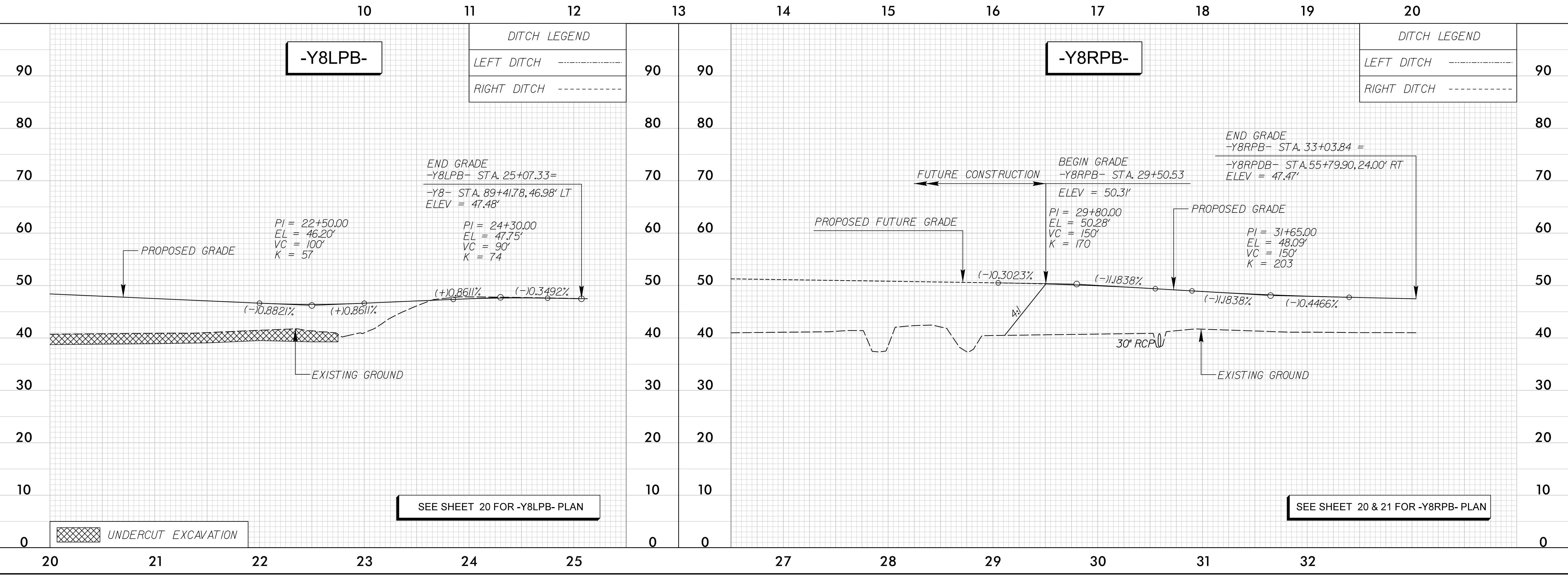
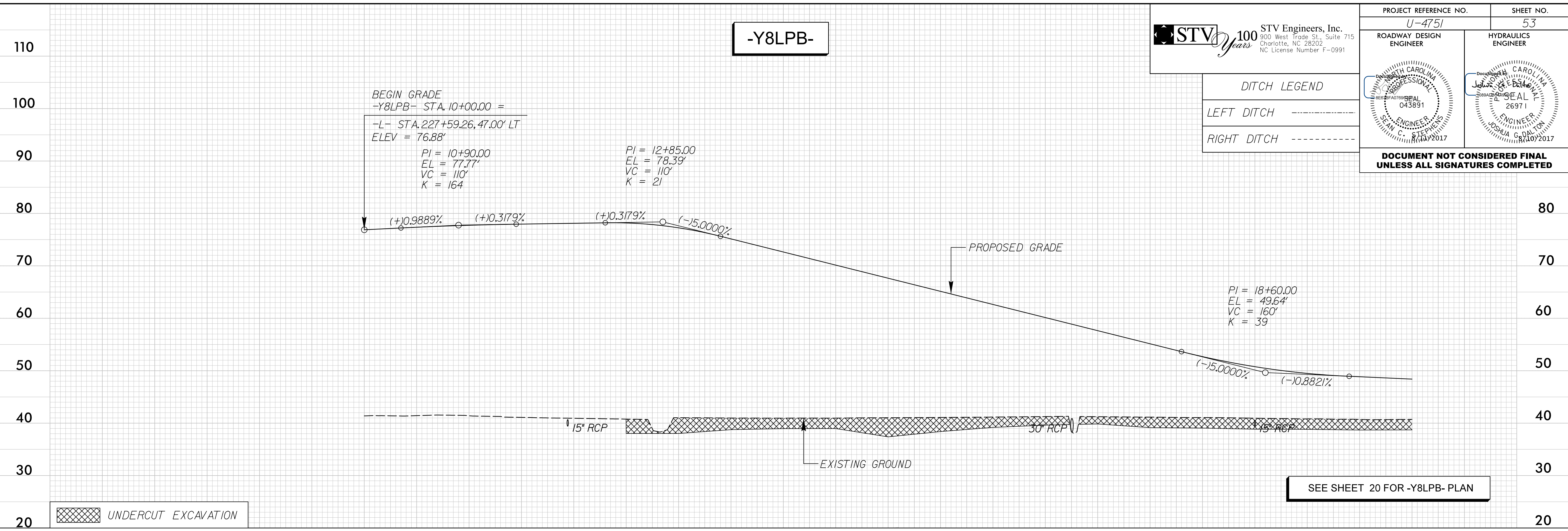
5/28/17

STV 100 Years
 STV Engineers, Inc.
 900 West Trade St., Suite 715
 Charlotte, NC 28202
 NC License Number F-0991

PROJECT REFERENCE NO. U-4751	SHEET NO. 53
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

DITCH LEGEND

LEFT DITCH	-----
RIGHT DITCH	-----



T:\4\2017\proj\4751\RDY_psh53.pfl.dgn
 5/28/17
 10:45 AM
 10/1/2017

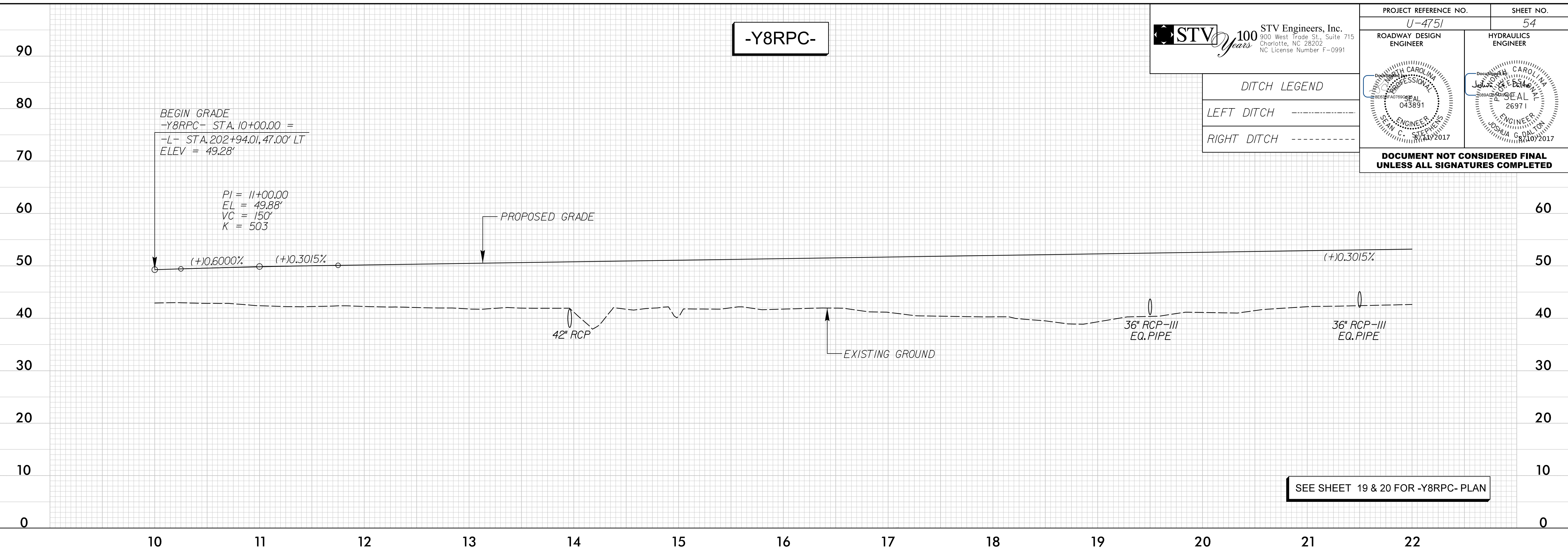
5/28/17

STV 100 Years
 STV Engineers, Inc.
 900 West Trade St., Suite 715
 Charlotte, NC 28202
 NC License Number F-0991

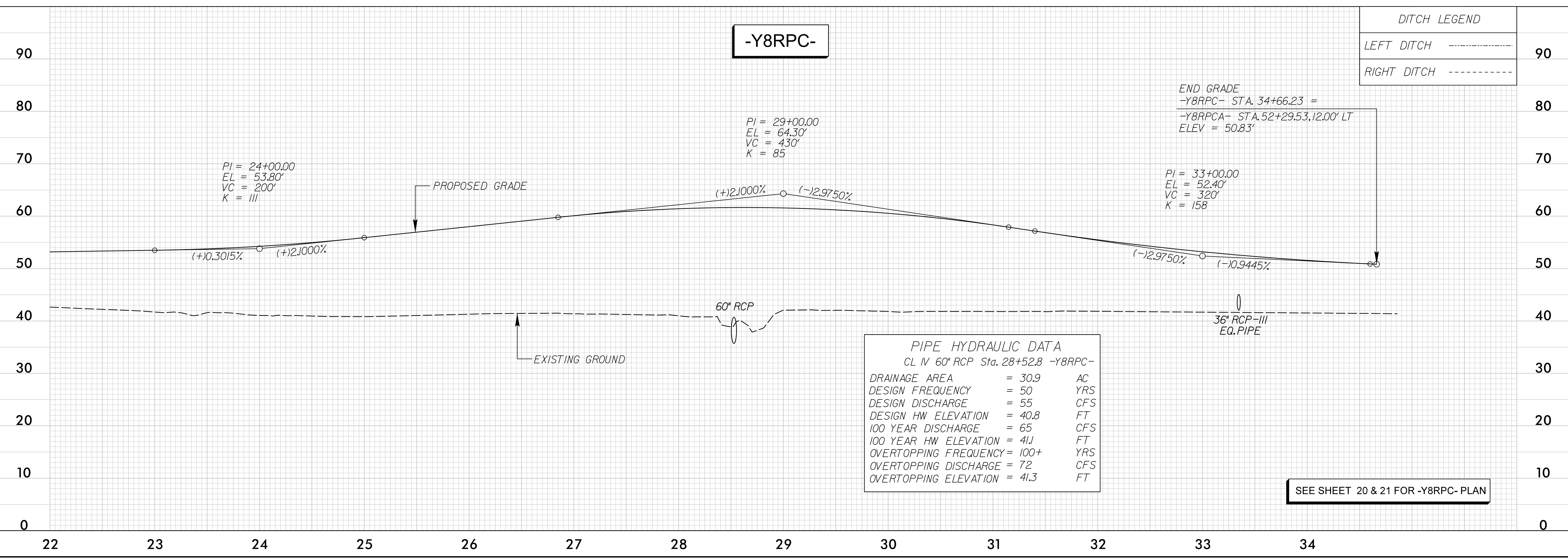
PROJECT REFERENCE NO. U-4751	SHEET NO. 54
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<i>(Signature)</i> SEAL 043891 ENGINEER JAN C. STEPHENSON 2017	<i>(Signature)</i> SEAL 26971 ENGINEER JOSHUA G. DILTON 2017
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

DITCH LEGEND

LEFT DITCH	-----
RIGHT DITCH	-----



T:\4\2017\Roadway\Proj\SHU\U4751\RDY_psh54_pf1.dgn
 5/28/17
 10:54 AM



5/28/17

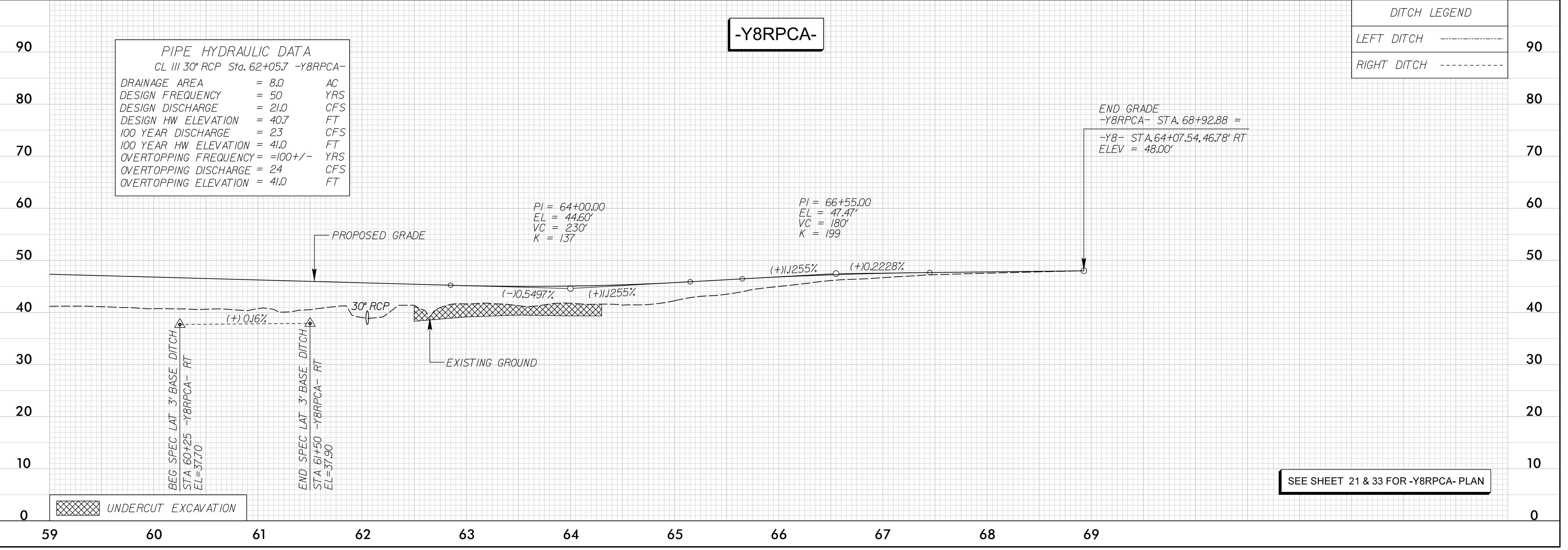
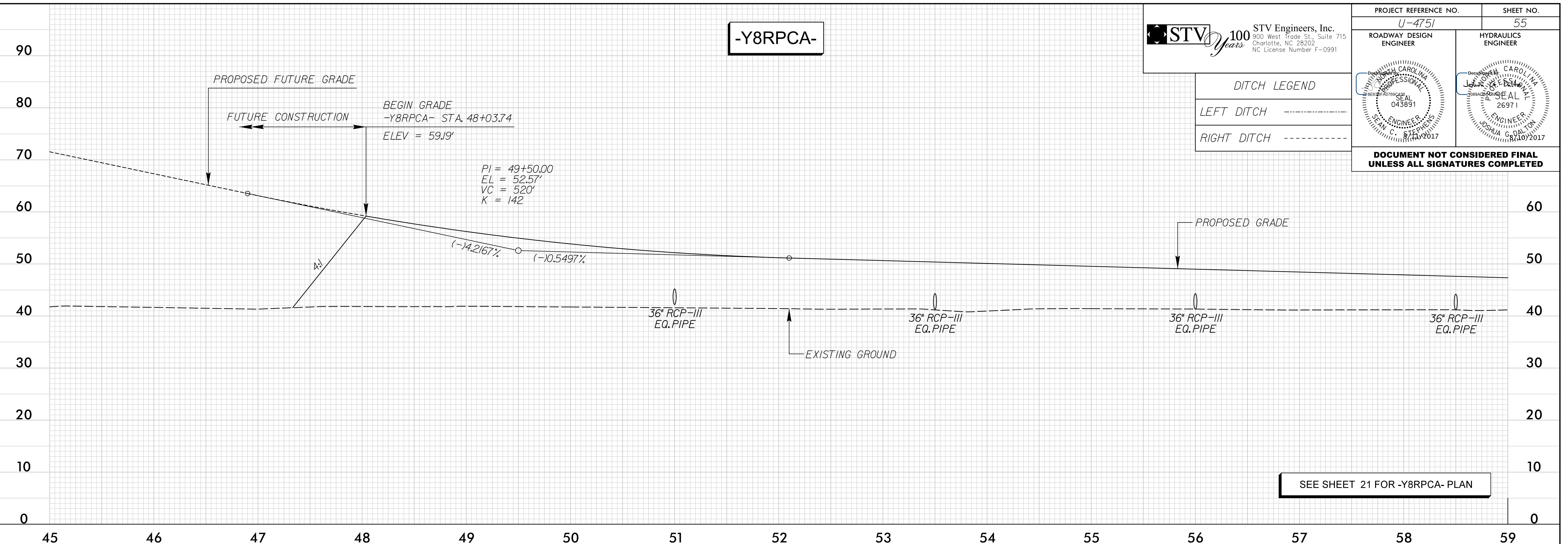


PROJECT REFERENCE NO. U-4751	SHEET NO. 55
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<i>[Signature]</i>	<i>[Signature]</i>
SEAL 043891	SEAL 26971
EXPIRES 8/31/2017	EXPIRES 8/31/2017

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DITCH LEGEND

LEFT DITCH	-----
RIGHT DITCH	-----



T:\4\2017\proj\way\proj\SH\U4751_RDY_psh55.plt.dgn

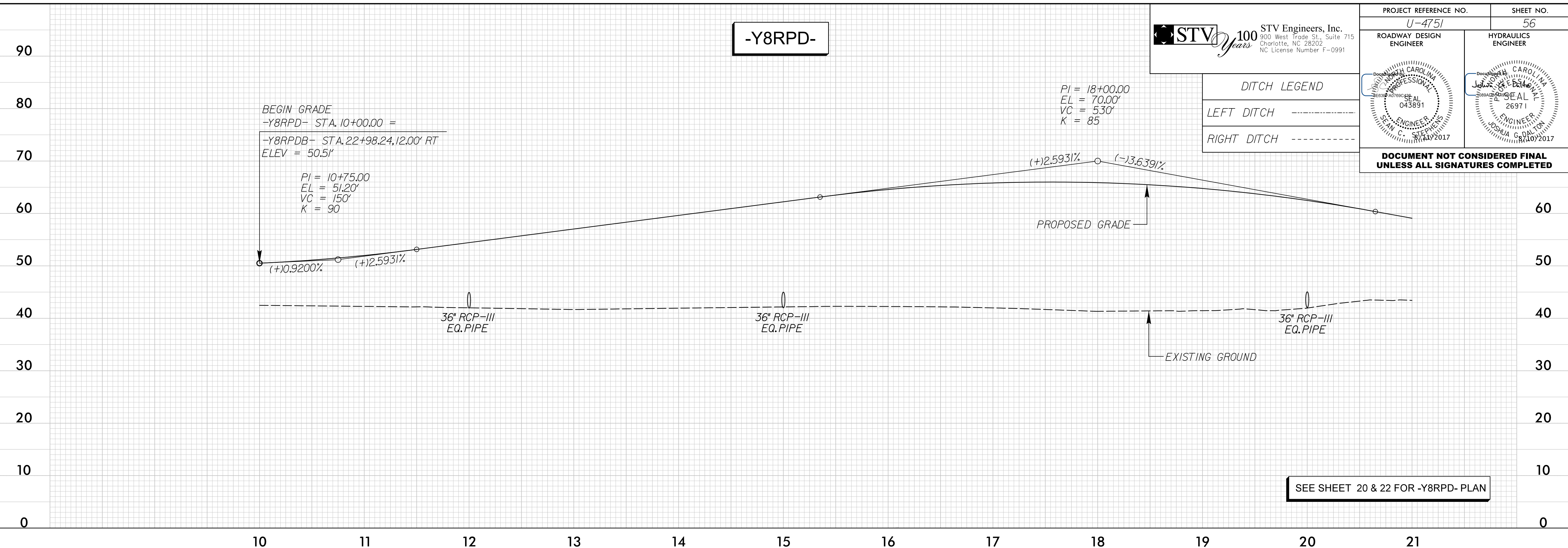
5/28/17

STV 100 Years
 STV Engineers, Inc.
 900 West Trade St., Suite 715
 Charlotte, NC 28202
 NC License Number F-0991

PROJECT REFERENCE NO. U-4751	SHEET NO. 56
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<i>[Signature]</i> SEAL 043891 ENGINEER JAN. C. STEPHENSON 2017	<i>[Signature]</i> SEAL 26971 ENGINEER JOSHUA G. DIXON 2017
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

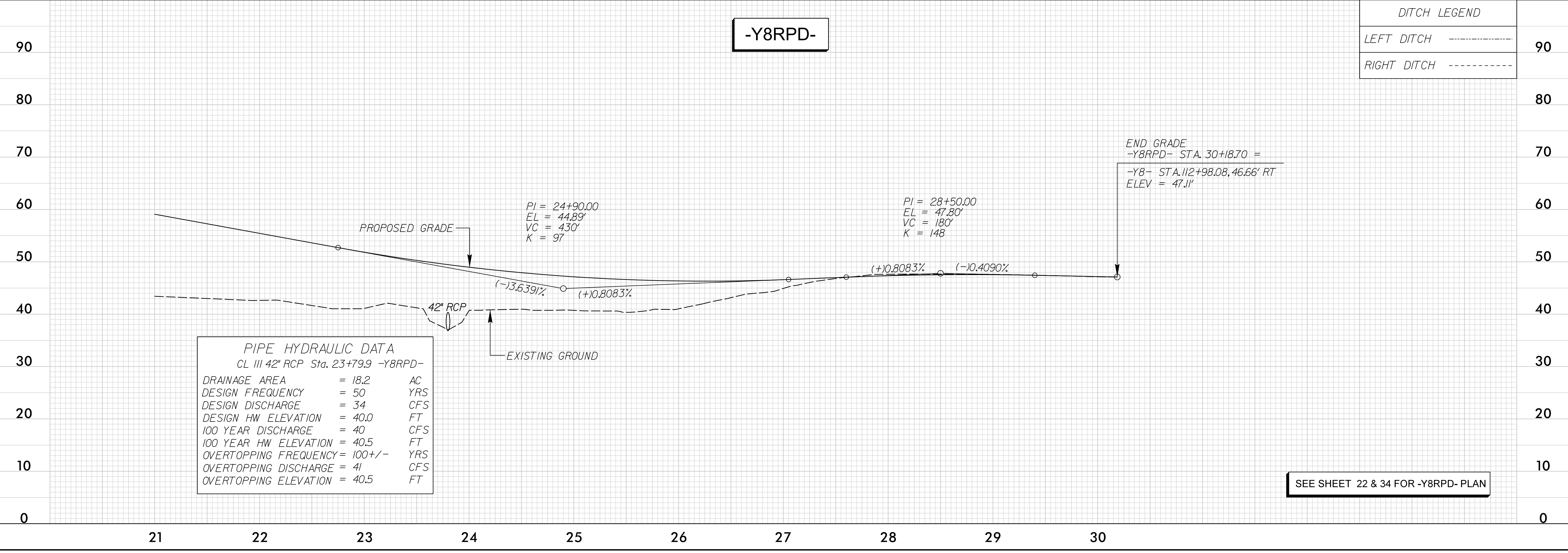
DITCH LEGEND

LEFT DITCH	-----
RIGHT DITCH	-----



SEE SHEET 20 & 22 FOR -Y8RPD- PLAN

T:\4\2017\04751\RDY_psh56.pfl.dgn
 5/28/17
 10:56:00 AM




PIPE HYDRAULIC DATA
 CL III 42" RCP Sta. 23+79.9 -Y8RPD-

DRAINAGE AREA	= 18.2	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 34	CFS
DESIGN HW ELEVATION	= 40.0	FT
100 YEAR DISCHARGE	= 40	CFS
100 YEAR HW ELEVATION	= 40.5	FT
OVERTOPPING FREQUENCY	= 100+/-	YRS
OVERTOPPING DISCHARGE	= 41	CFS
OVERTOPPING ELEVATION	= 40.5	FT

SEE SHEET 22 & 34 FOR -Y8RPD- PLAN

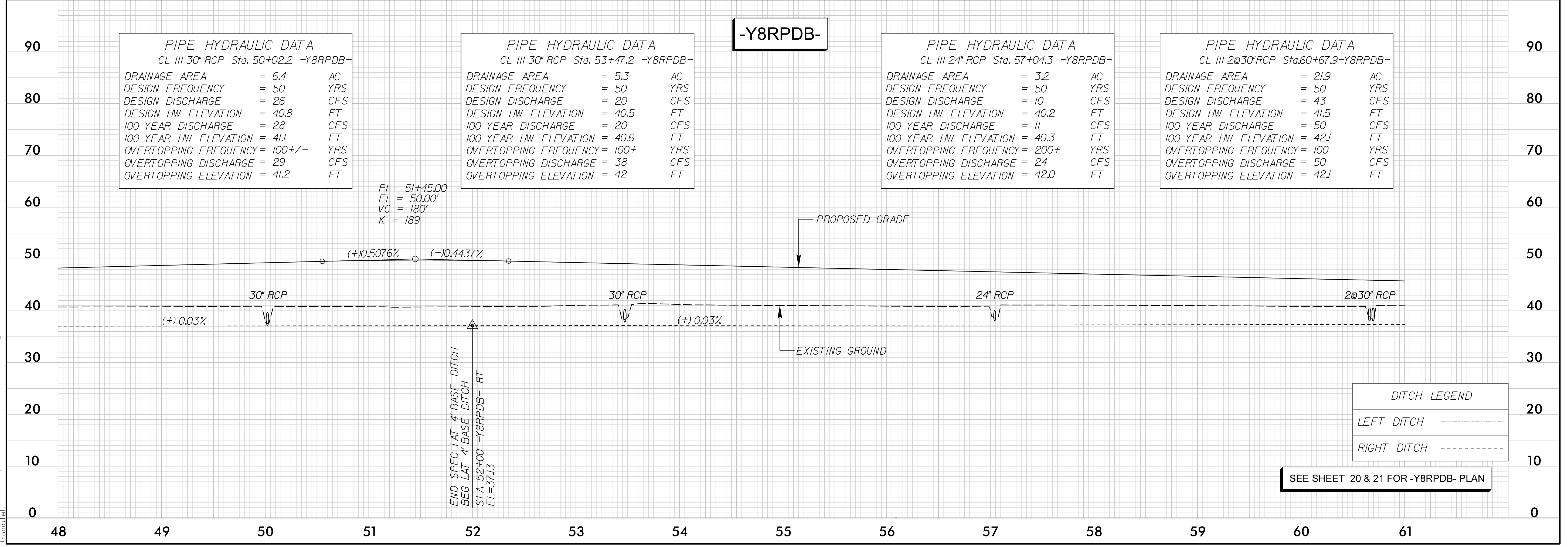
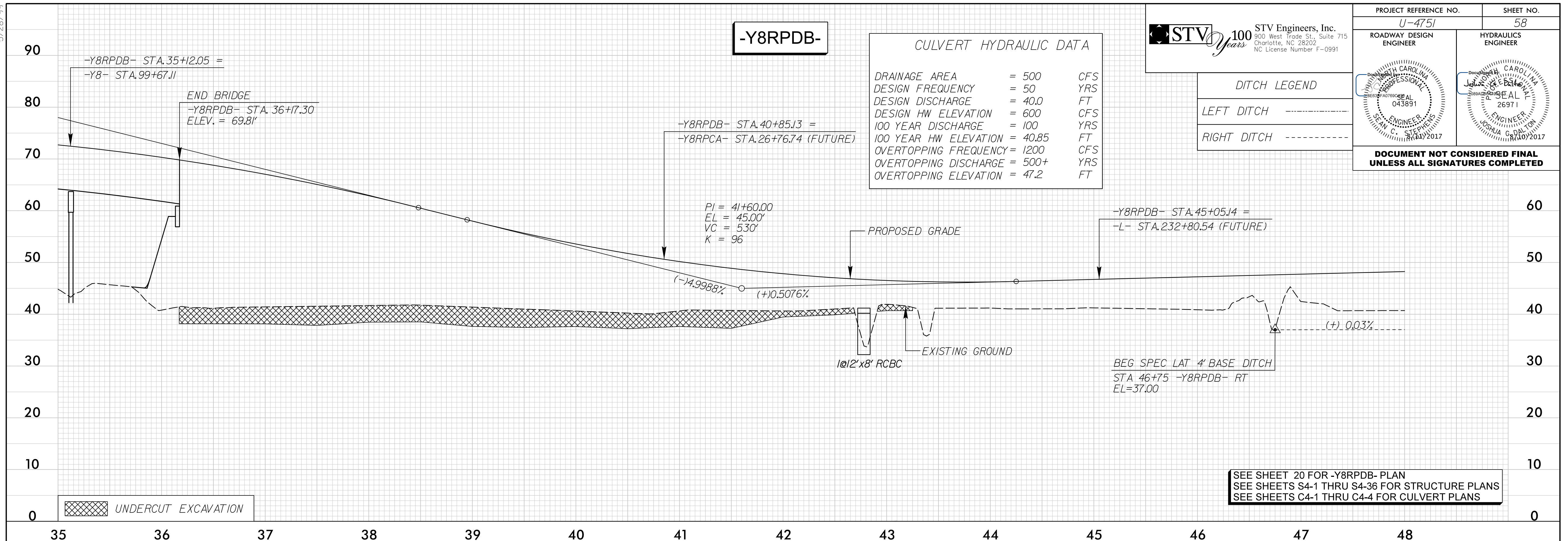
5/28/17



STV Engineers, Inc.
900 West Trade St., Suite 715
Charlotte, NC 28202
NC License Number F-0991

PROJECT REFERENCE NO. <i>U-4751</i>	SHEET NO. <i>58</i>
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



T:\4751\2017\Roadway\ProJ\SH\U4751_RDY_psh58.plt.dgn
 5/28/17
 10:58 AM

5/28/17

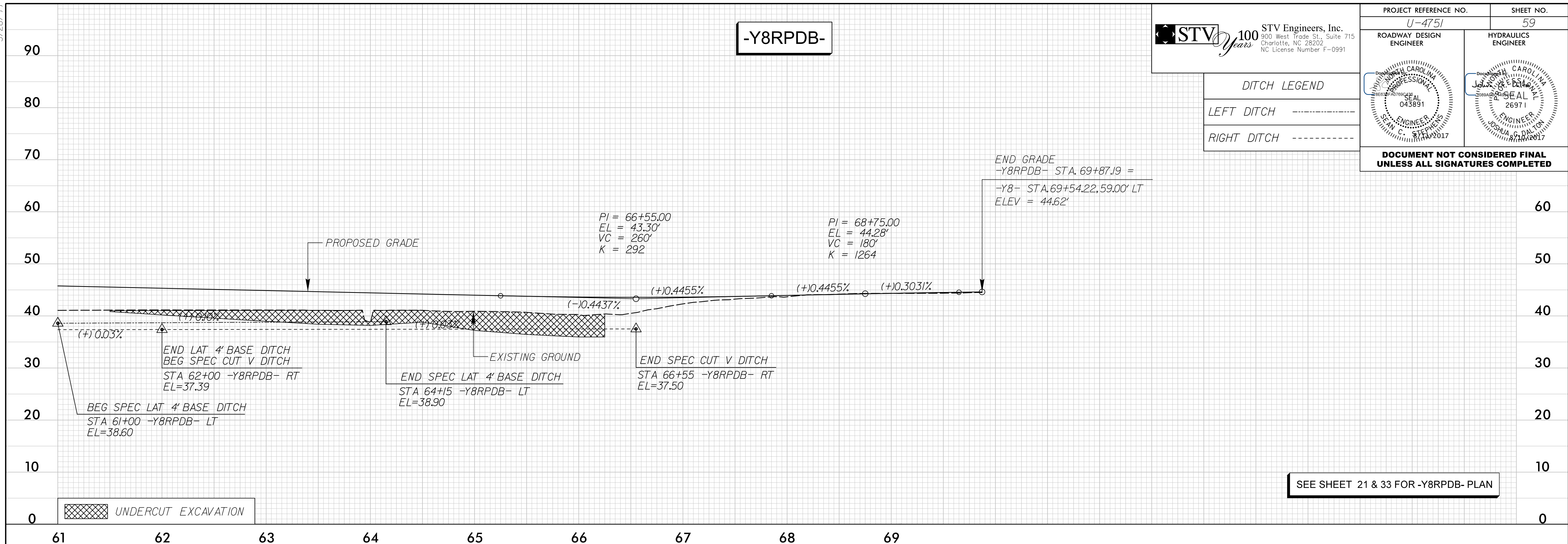
-Y8RPDB-

STV 100 Years
 STV Engineers, Inc.
 900 West Trade St., Suite 715
 Charlotte, NC 28202
 NC License Number F-0991

PROJECT REFERENCE NO. U-4751	SHEET NO. 59
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

DITCH LEGEND

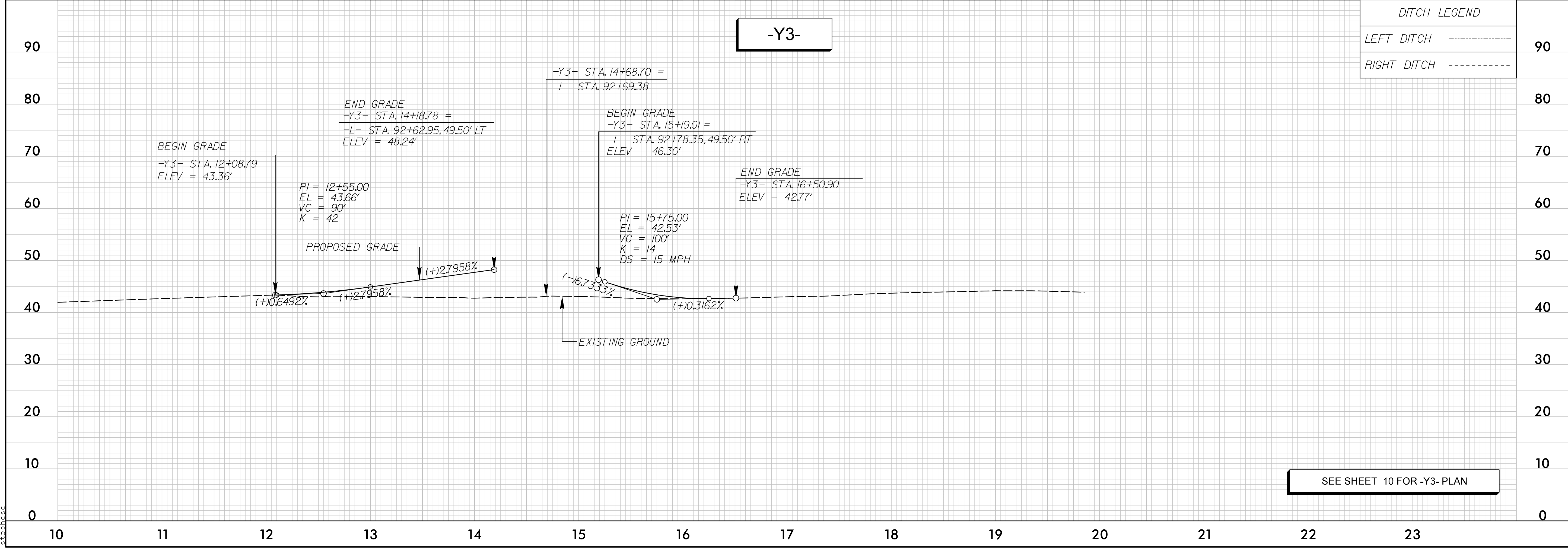
LEFT DITCH	-----
RIGHT DITCH	-----



-Y3-

DITCH LEGEND

LEFT DITCH	-----
RIGHT DITCH	-----



T:\17\2017
 R:\Roadway\Proj\U4751\RDY_psh59_pf1.dgn
 stephase

5/28/17

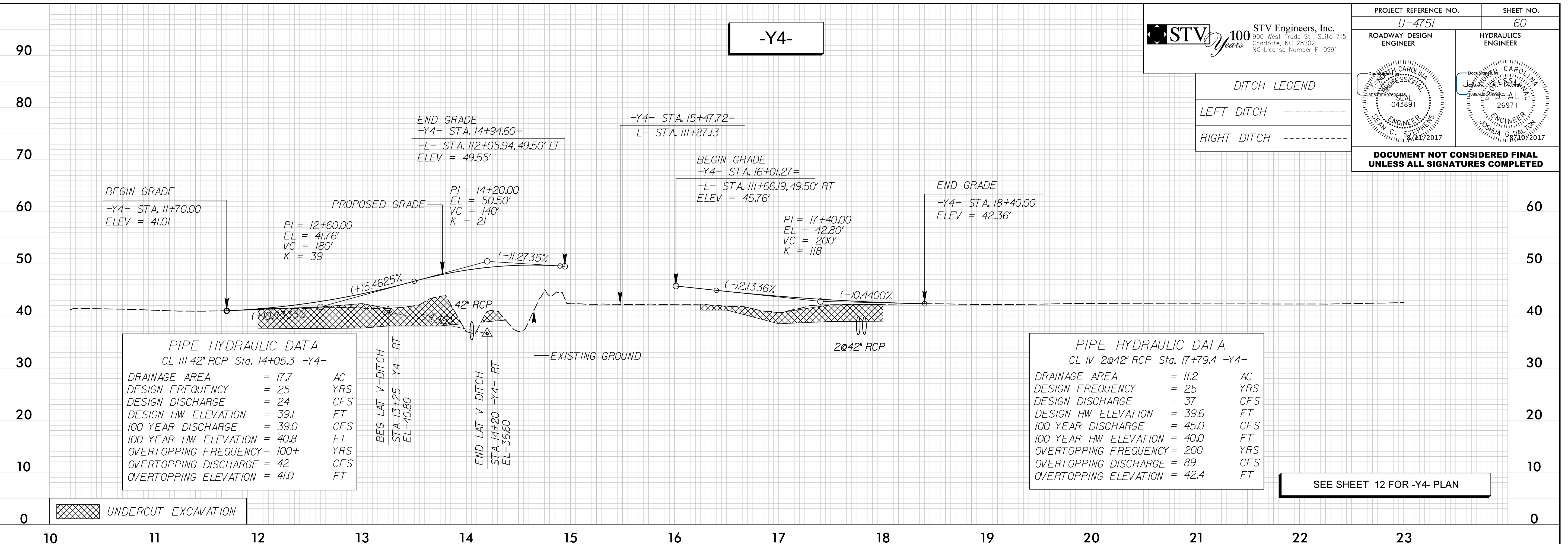


PROJECT REFERENCE NO. U-4751	SHEET NO. 60
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<i>(Signature)</i>	<i>(Signature)</i>
PROFESSIONAL SEAL 043891	PROFESSIONAL SEAL 26971
DATE: 5/11/2017	DATE: 5/11/2017

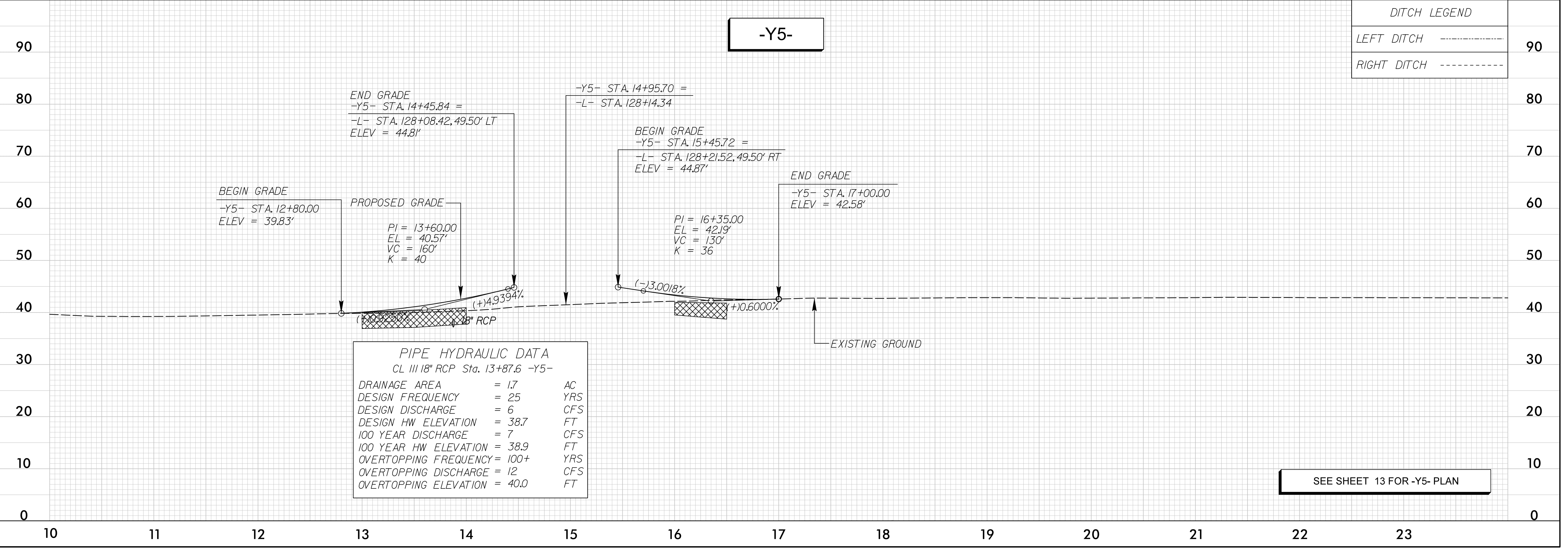
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DITCH LEGEND

LEFT DITCH	-----
RIGHT DITCH	-----



SEE SHEET 12 FOR -Y4- PLAN

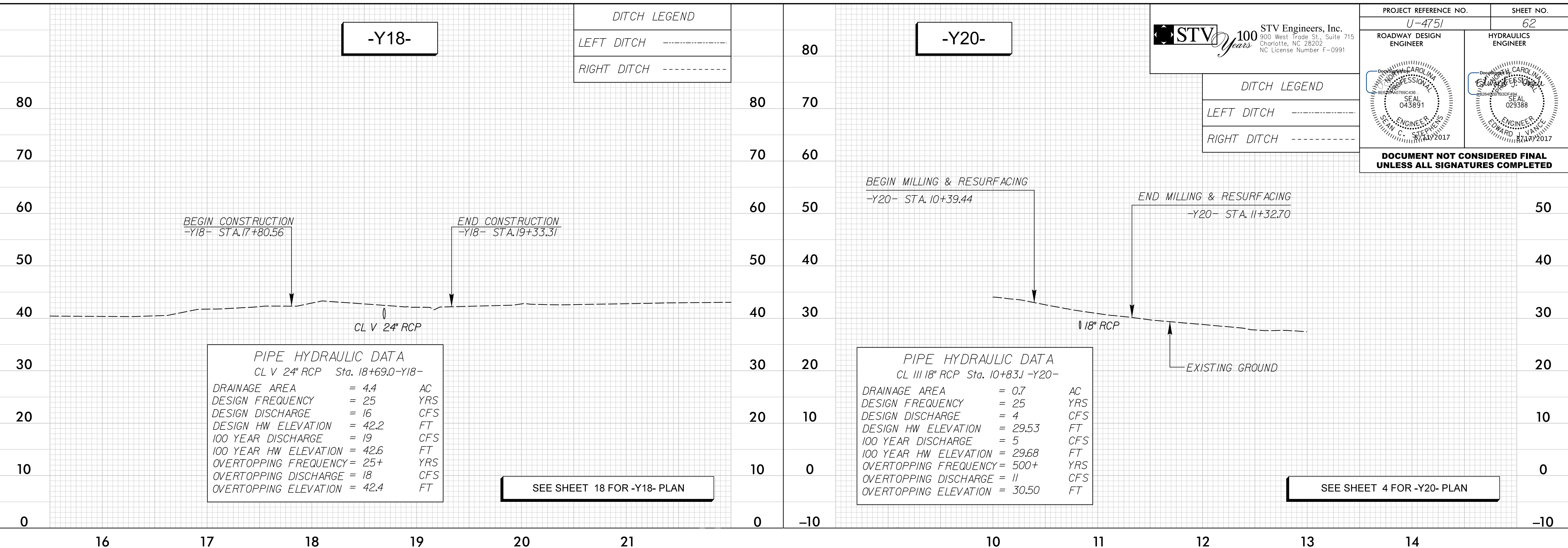


SEE SHEET 13 FOR -Y5- PLAN

T:\4751\2017\Drawings\Proo\SHT\U4751_RDY_psh60.plt.dgn

5/28/99

T:\472017\6060\6060\2516209\2516209_0001\50_Deliverables & Submittals\4751\Roadway\Proj\SH\U4751L.RDY_psh62.pfl.dgn



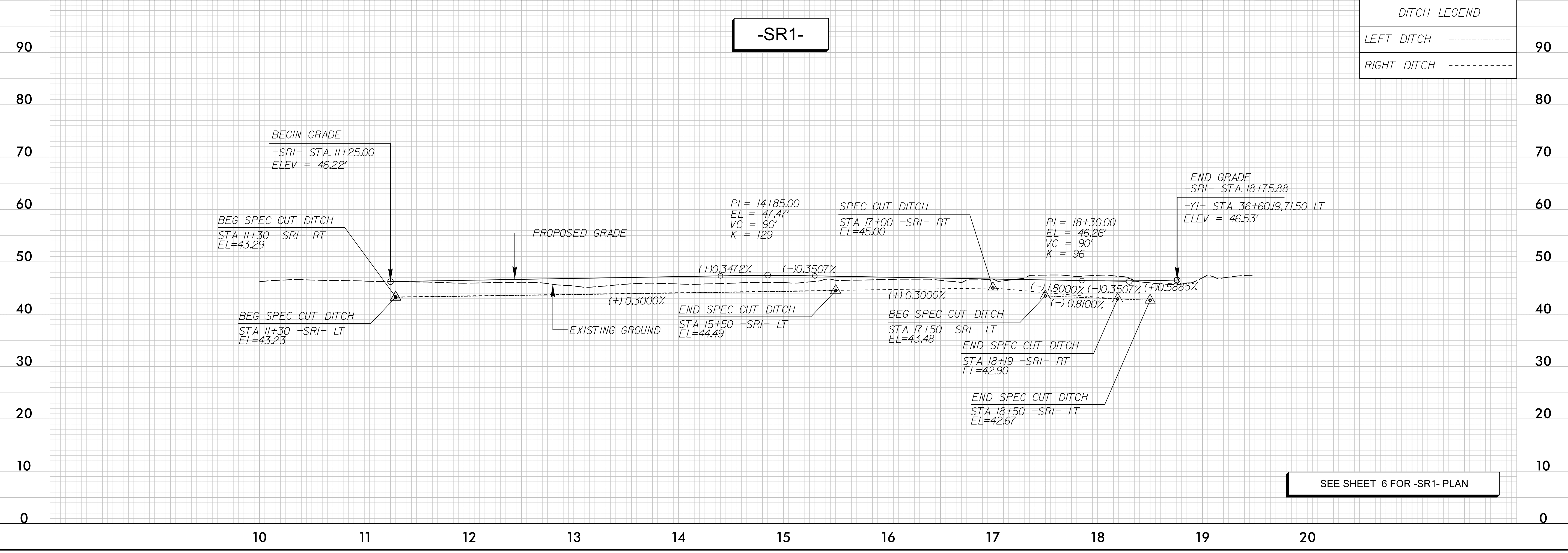
STV Engineers, Inc.
900 West Trade St., Suite 715
Charlotte, NC 28202
NC License Number F-0991

PROJECT REFERENCE NO. U-4751	SHEET NO. 62
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

STAN G. STEPHENS
ENGINEER
043891
2017

EDWARD YANK
ENGINEER
029388
2017

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



5/28/99

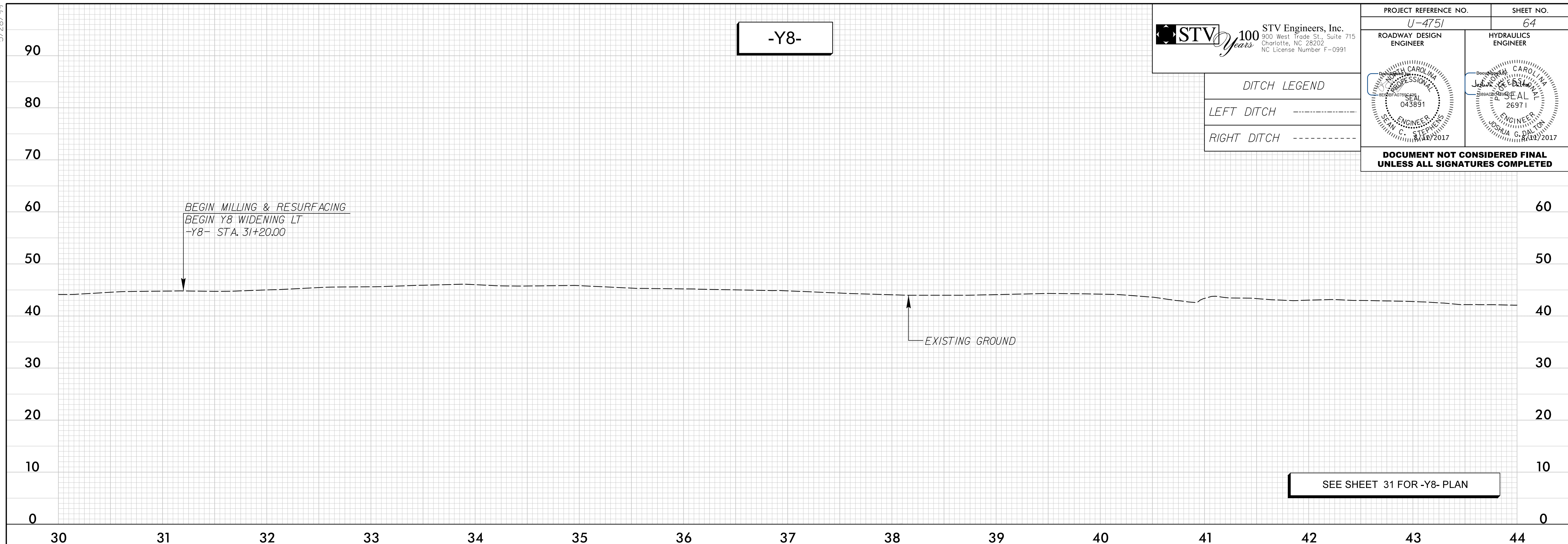
5/28/19

STV 100 Years
 STV Engineers, Inc.
 900 West Trade St., Suite 715
 Charlotte, NC 28202
 NC License Number F-0991

PROJECT REFERENCE NO. U-4751	SHEET NO. 64
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

DITCH LEGEND

LEFT DITCH	-----
RIGHT DITCH	-----



T:\4/2017\way\Proj\SH\U4751_RDY_psh64_pf1.dgn
5/28/19

DITCH LEGEND

LEFT DITCH	-----
RIGHT DITCH	-----

