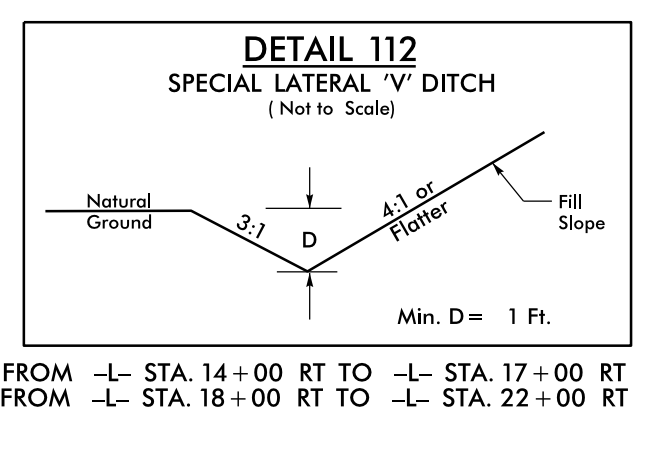
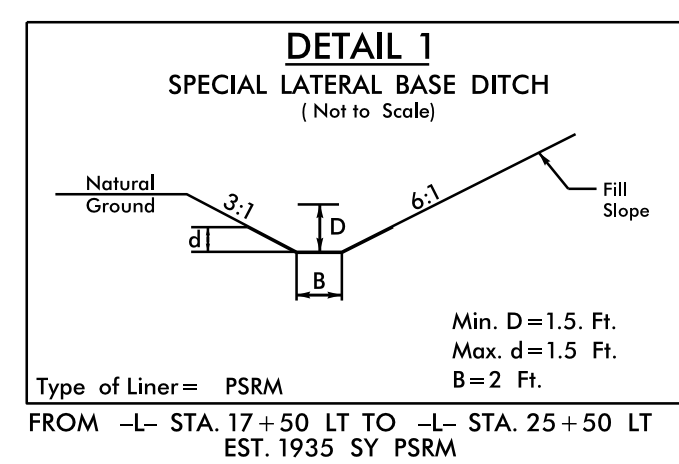
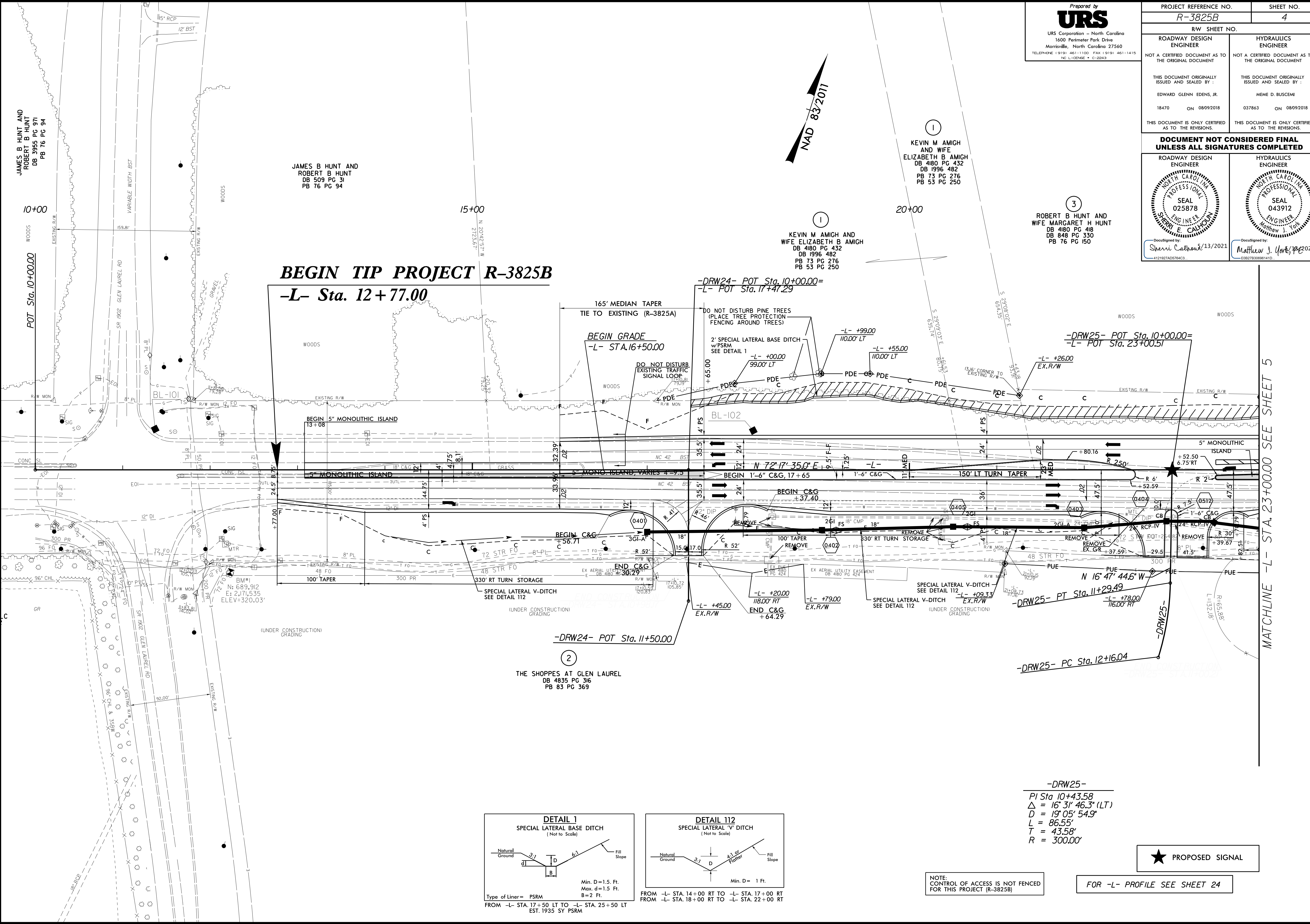


PROJECT REFERENCE NO. R-3825B	SHEET NO. 4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER NOT A CERTIFIED DOCUMENT AS TO THE ORIGINAL DOCUMENT	HYDRAULICS ENGINEER NOT A CERTIFIED DOCUMENT AS TO THE ORIGINAL DOCUMENT
THIS DOCUMENT ORIGINALLY ISSUED AND SEALED BY: EDWARD GLENN EDENS, JR. 18470 ON 08/09/2018	THIS DOCUMENT ORIGINALLY ISSUED AND SEALED BY: MEME D. BUSCEMI 037863 ON 08/09/2018
THIS DOCUMENT IS ONLY CERTIFIED AS TO THE REVISIONS.	
DO NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
ROADWAY DESIGN ENGINEER Seal: 025878 Sherril Calhoun 5/13/2021	HYDRAULICS ENGINEER Seal: 043912 Matthew J. York 1/22/2021

8/17/09
 05/14/2021-CONSTRUCTION REVISION: EXTENDED LEFT TURN LANE FROM L STA 13+08 TO 21+50. (HN)
 12-MAY-2021 15:57
 R:\Projects\2021\0514\0514-R3825B-r-dj-psh04.dgn
 13:58:11



NOTE:
 CONTROL OF ACCESS IS NOT FENCED
 FOR THIS PROJECT (R-3825B)

FOR -L- PROFILE SEE SHEET 24



-DRW25-
 PI Sta 10+43.58
 $\Delta = 16' 31'' 46.3''$ (LT)
 $D = 19' 05'' 54.9''$
 $L = 86.55'$
 $T = 43.58'$
 $R = 300.00'$

MATCHLINE -L- STA. 23+00.00 SEE SHEET 5

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 Morrisville, North Carolina 27560
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 NC LICENSE # C-22943

PROJECT REFERENCE NO.
R-3825B

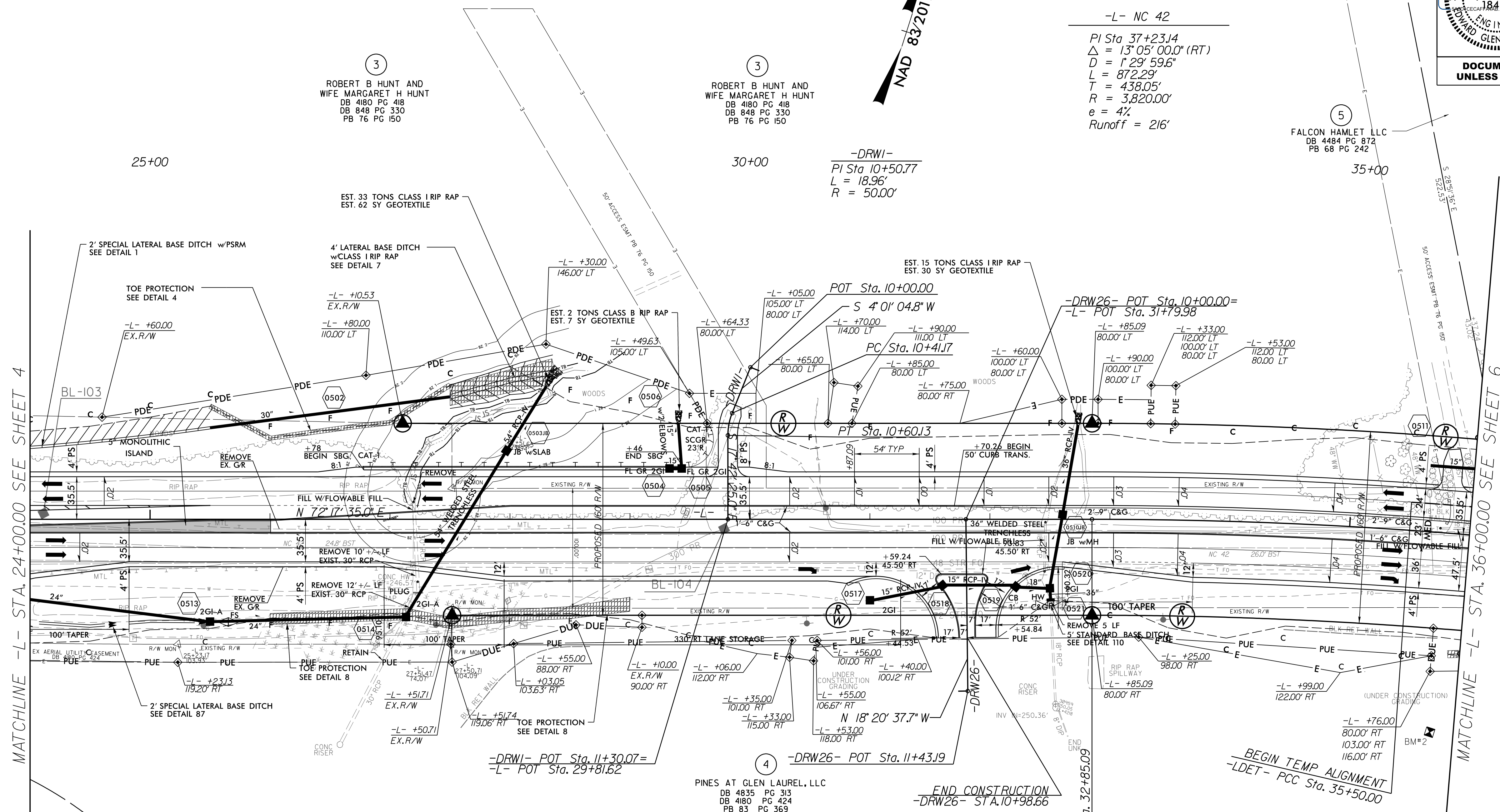
SHEET NO.
5

R/W SHEET NO.

ROADWAY DESIGN ENGINEER
 PROFESSIONAL SEAL
 JOHN GLENN EDWARDS
 18470
 09/2018

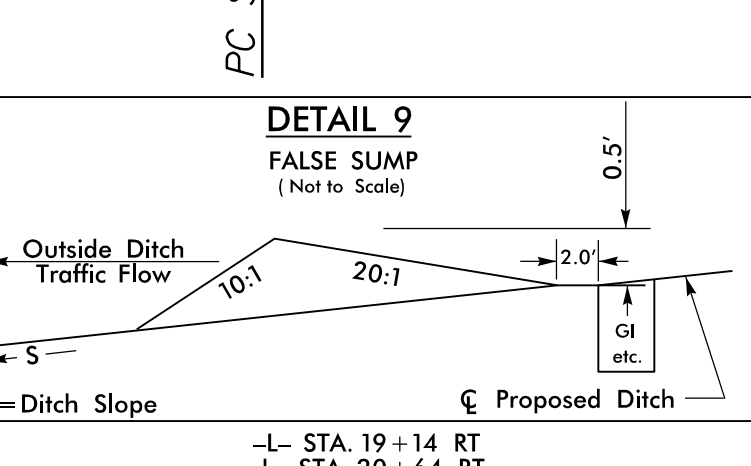
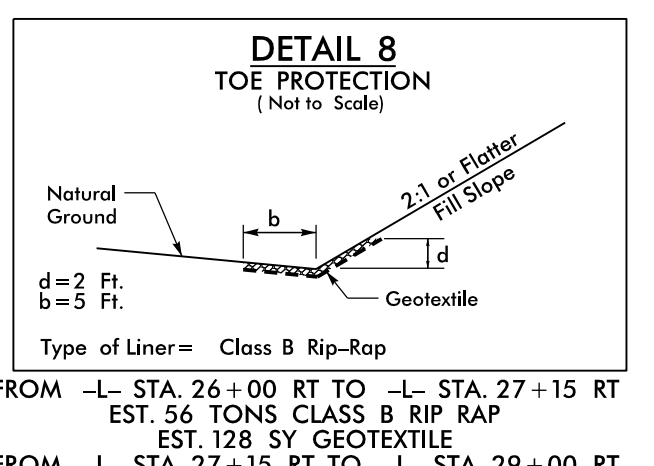
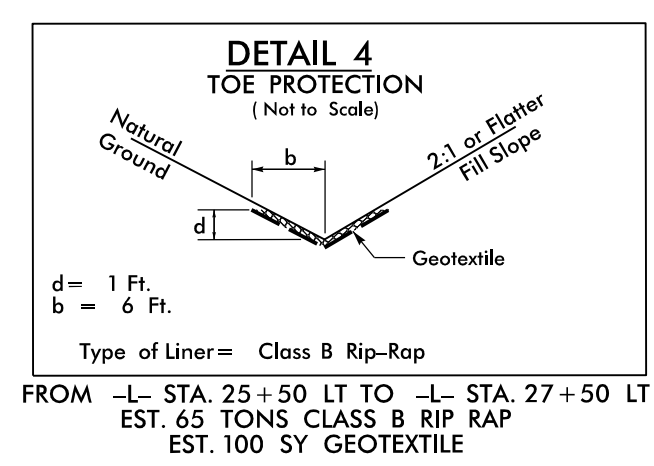
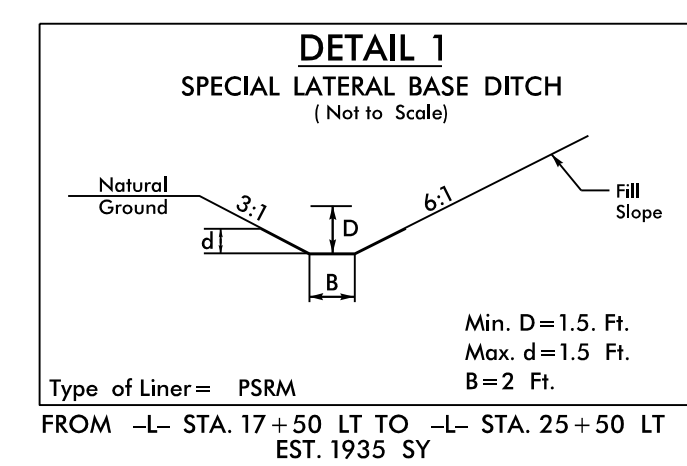
HYDRAULICS ENGINEER
 PROFESSIONAL SEAL
 NEMIE D. BUSCENI
 037863
 09/2018

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

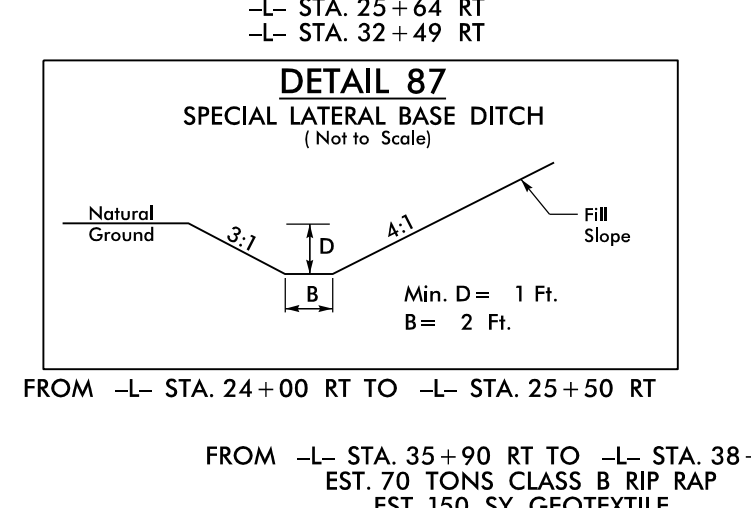
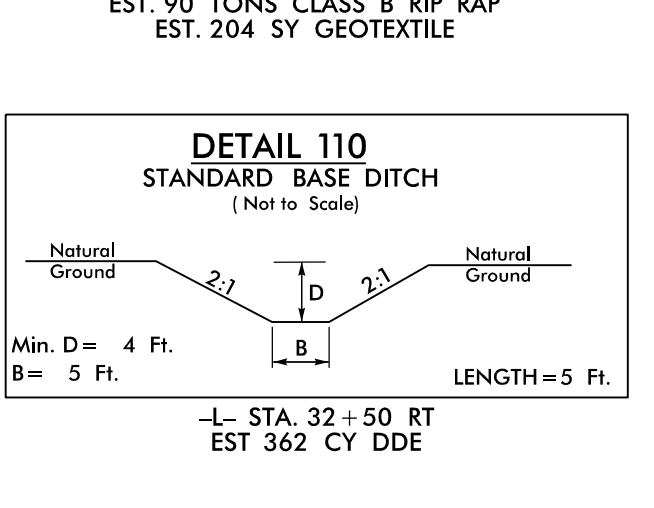
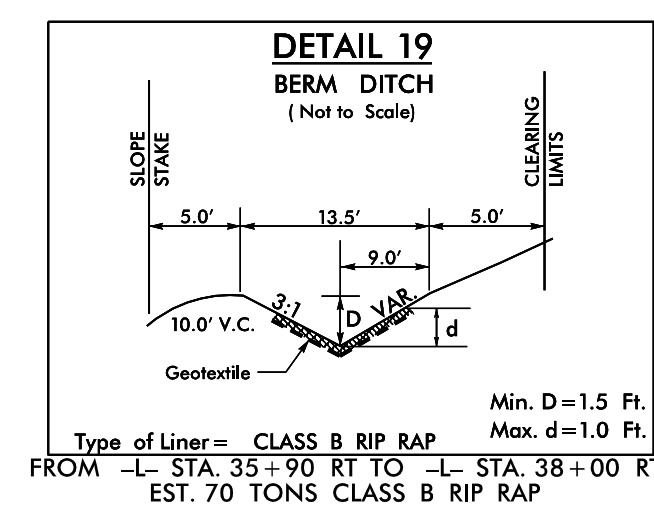
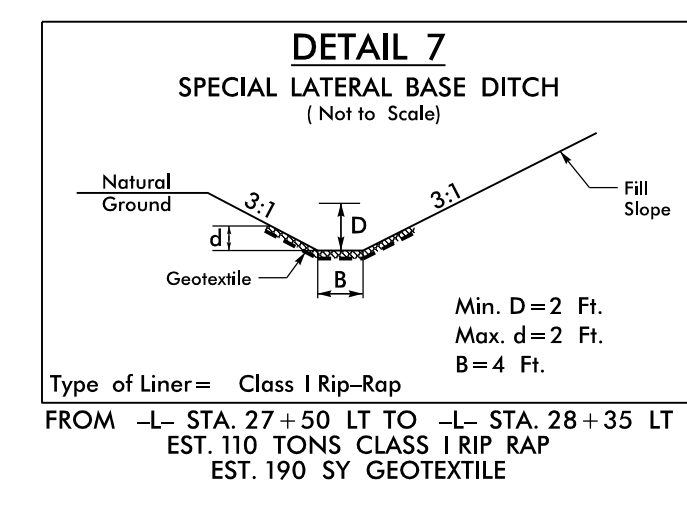


MATCHLINE -L- STA. 24+00.00 SEE SHEET 4

MATCHLINE -L- STA. 36+00.00 SEE SHEET 6



2 THE SHOPPES AT GLEN LAUREL
DB 4835 PG 316
PB 83 PG 369



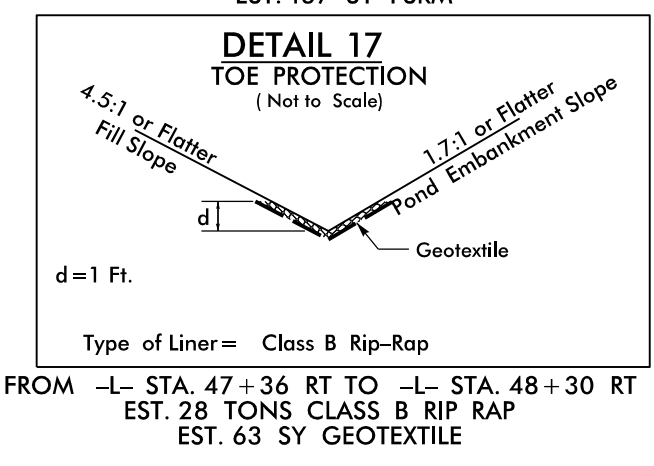
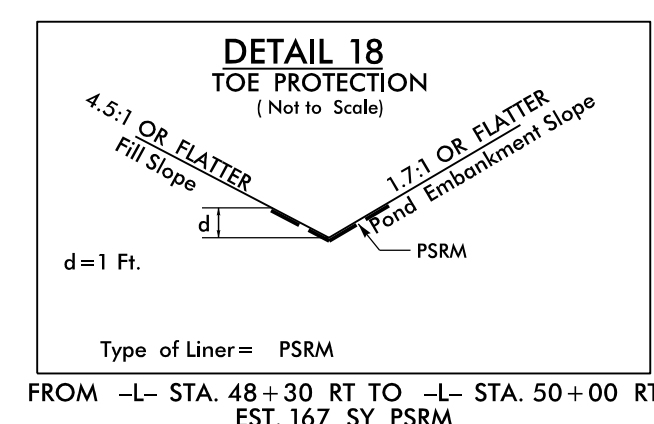
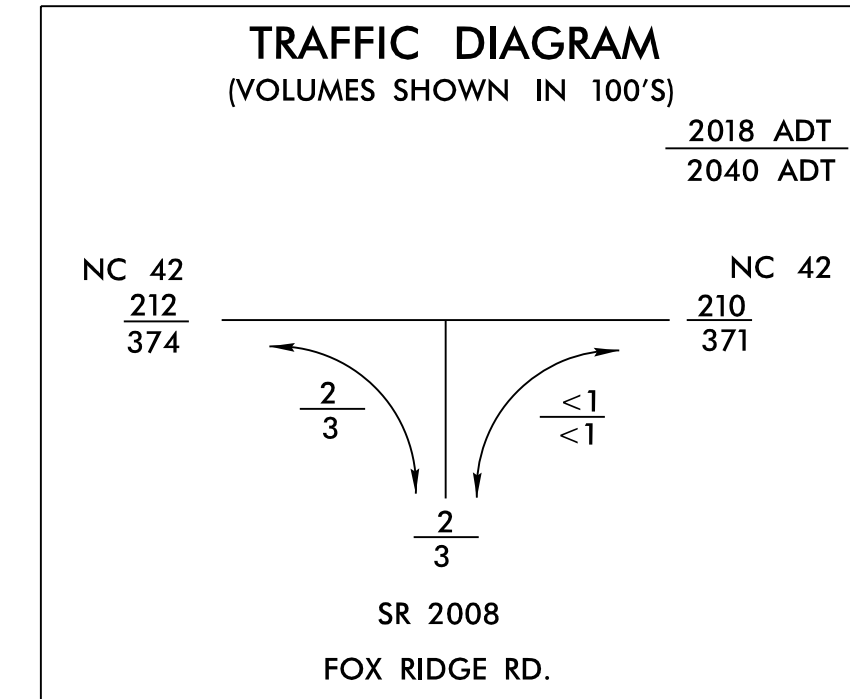
FOR -L- PROFILE SEE SHEET 24
 FOR -DRWI- PROFILE SEE SHEET 38
 FOR -DRW26- PROFILE SEE SHEET 41
 FOR -LDET- PLAN SEE SHEET 2B-1

8/9/2018 R:\Roadway\Proj\NR3825b_r\dj_psh05.dgn
 ravishester

8/17/19

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 Morrisville, North Carolina 27560
 TELEPHONE 1 919 461 1100 FAX 1 919 461 1415
 NC L10296 - C-2243

PROJECT REFERENCE NO. R-3825B	SHEET NO. 6
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

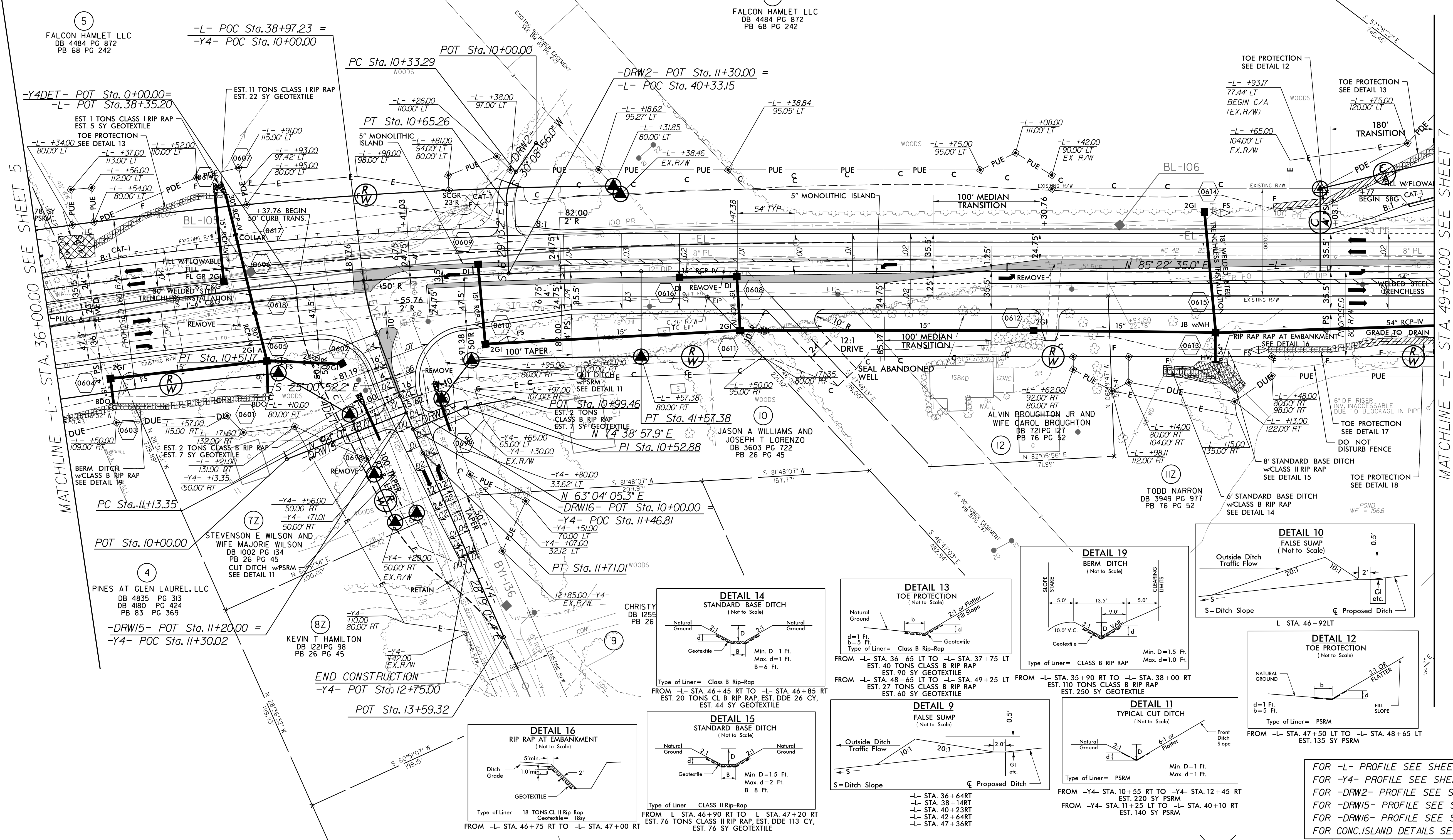


-L- NC 42
 PI Sta. 37+23.14
 $\Delta = 13^{\circ}05'00.0''$ (RT)
 $D = 129^{\circ}59.6'$
 $L = 872.29'$
 $T = 438.05'$
 $R = 3,820.00'$
 $e = 4\%$
 Runoff = 216'

-DRW2-
 PI Sta. 10+49.85
 $\Delta = 3^{\circ}18'13.3''$ (LT)
 $D = 5^{\circ}43'46.5''$
 $L = 57.66'$
 $T = 28.84'$
 $R = 1,000.00'$

-Y4- FOX RIDGE RD
 PI Sta. 10+25.69
 $\Delta = 12^{\circ}41'31.1''$ (LT)
 $D = 24^{\circ}48'12.1''$
 $L = 51.17'$
 $T = 25.69'$
 $R = 231.00'$

PI Sta. 11+42.18
 $\Delta = 3^{\circ}18'13.3''$ (LT)
 $D = 5^{\circ}43'46.5''$
 $L = 57.66'$
 $T = 28.84'$
 $R = 1,000.00'$



MATCHLINE -L- STA. 36+00.00 SEE SHEET 5

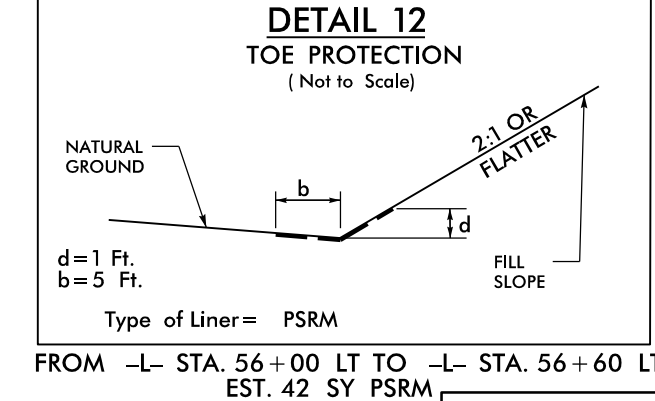
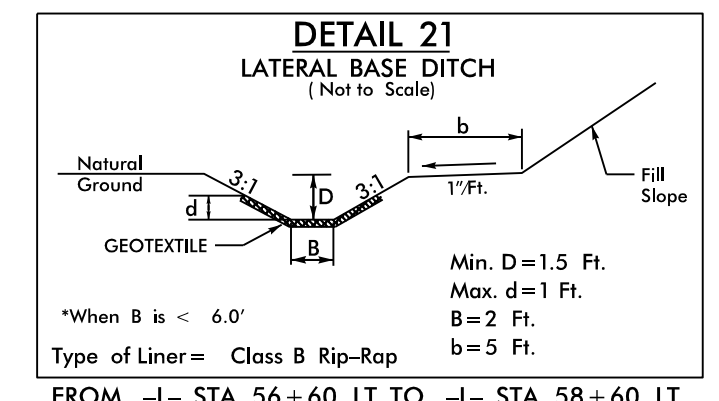
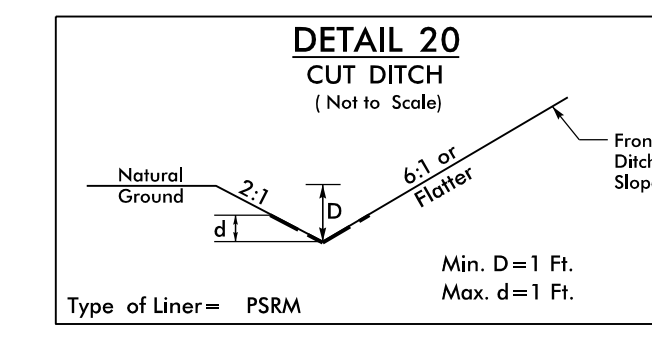
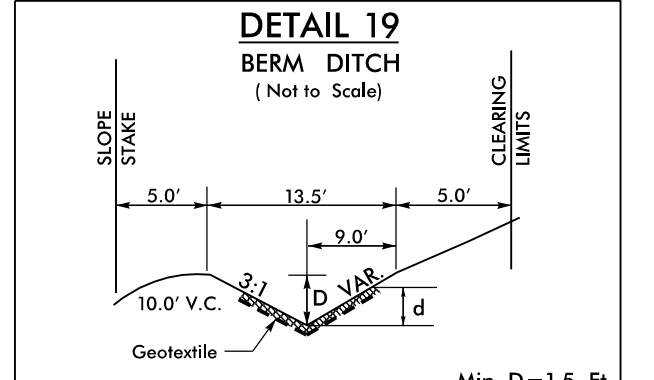
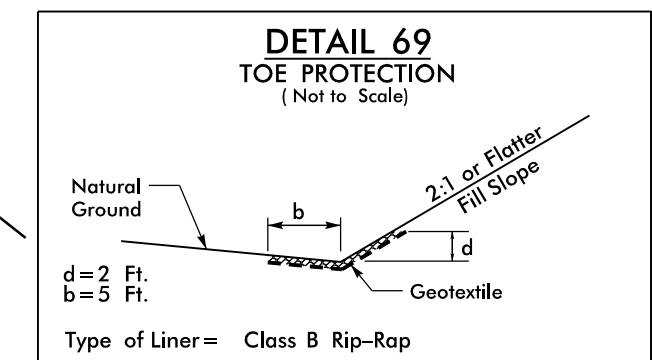
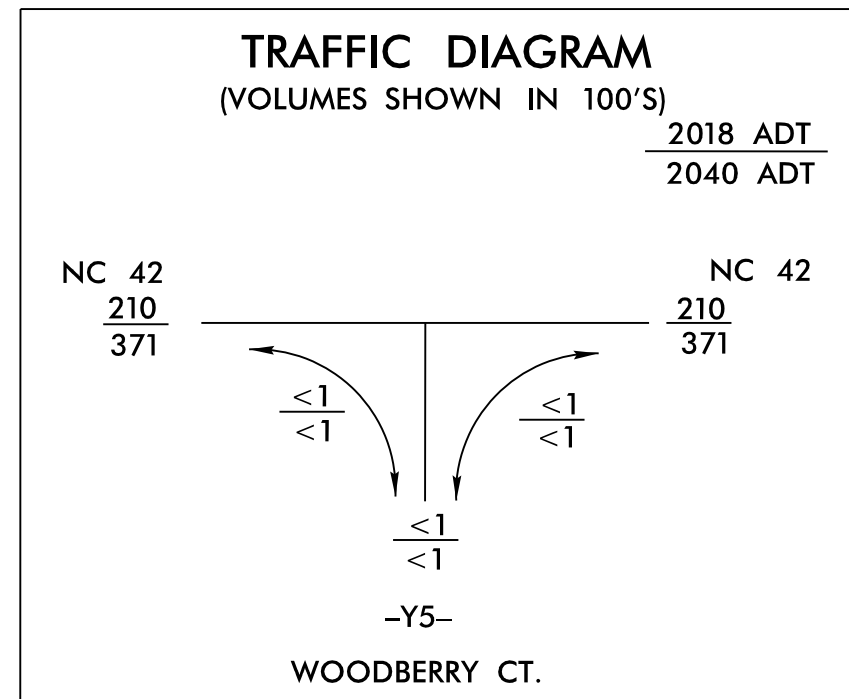
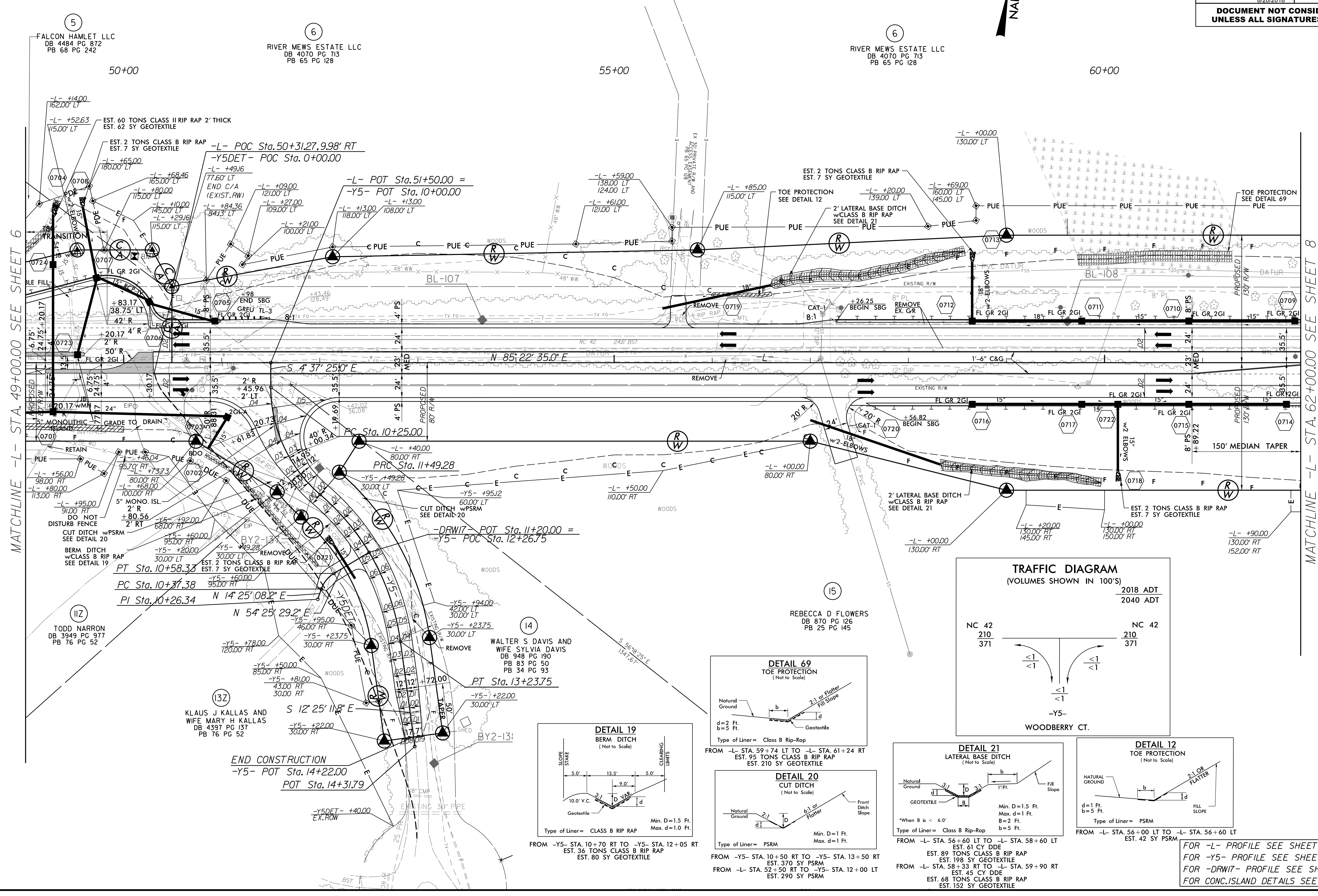
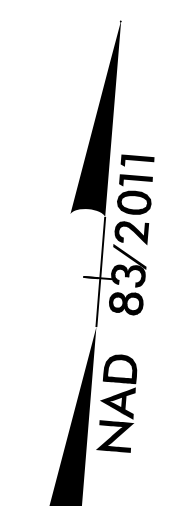
MATCHLINE -L- STA. 49+00.00 SEE SHEET 7

FOR -L- PROFILE SEE SHEET 25
 FOR -Y4- PROFILE SEE SHEET 33
 FOR -DRW2- PROFILE SEE SHEET 38
 FOR -DRW15- PROFILE SEE SHEET 39
 FOR -DRW16- PROFILE SEE SHEET 40
 FOR CONG. ISLAND DETAILS SEE SHEET 2B-4

8/17/2018
 P:\o\193825B_r-dj\psb06.dgn
 TRAVEL

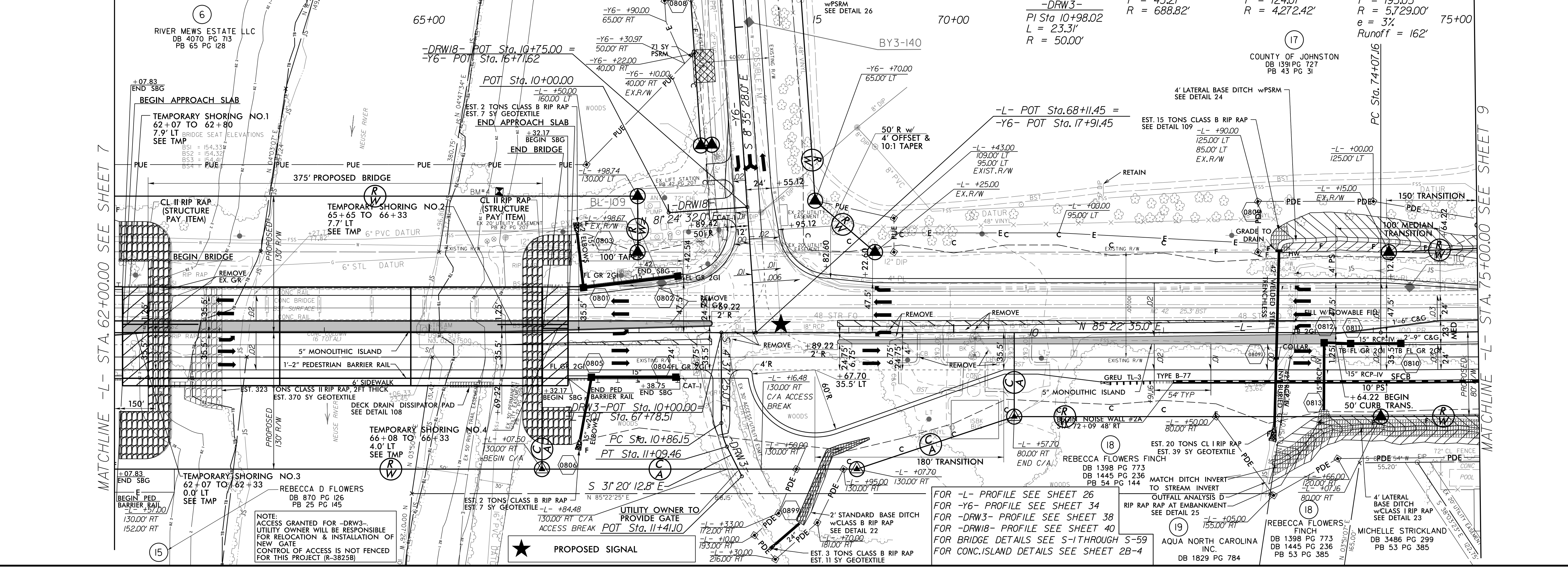
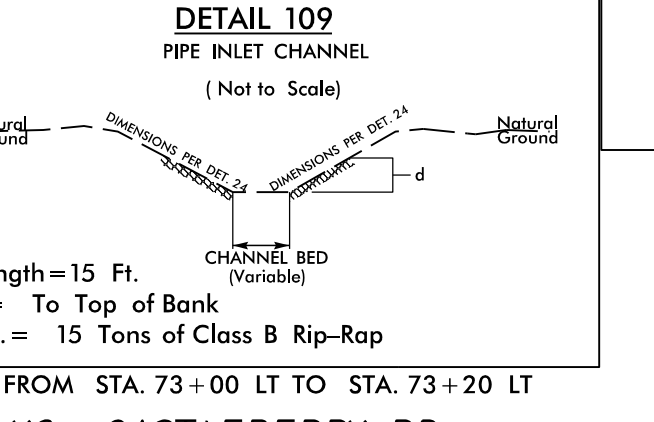
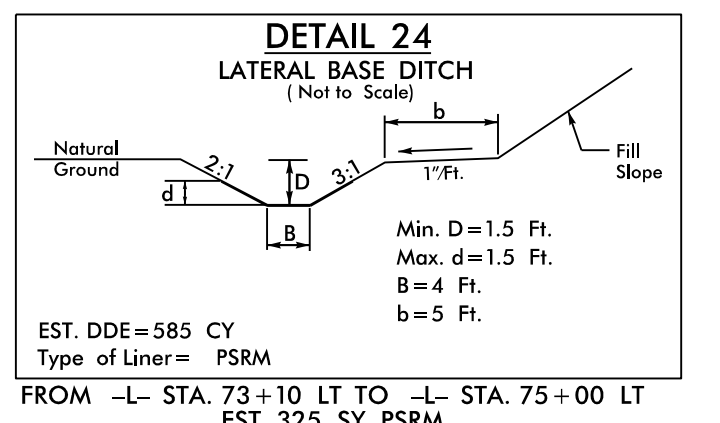
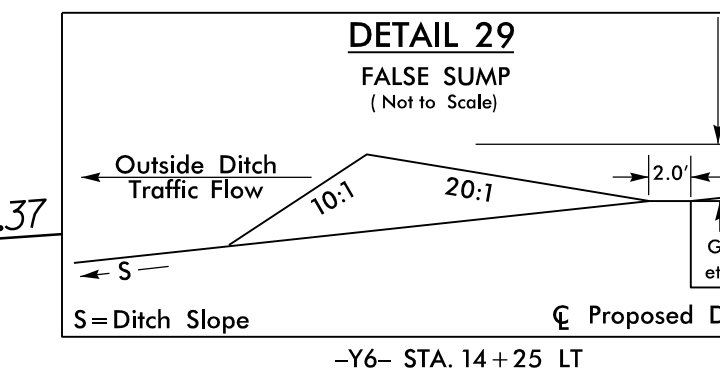
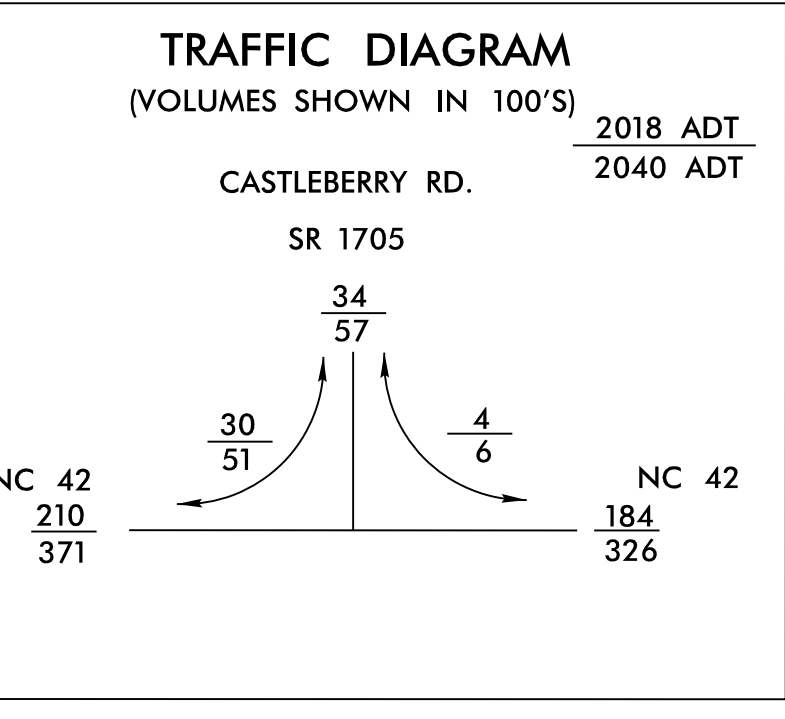
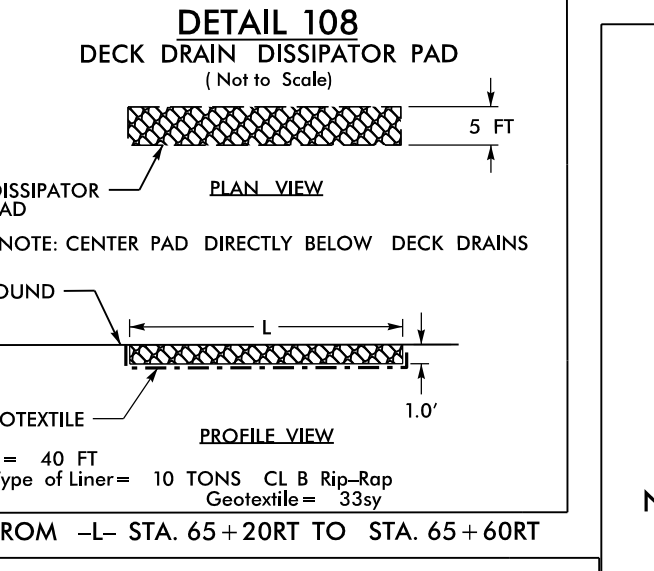
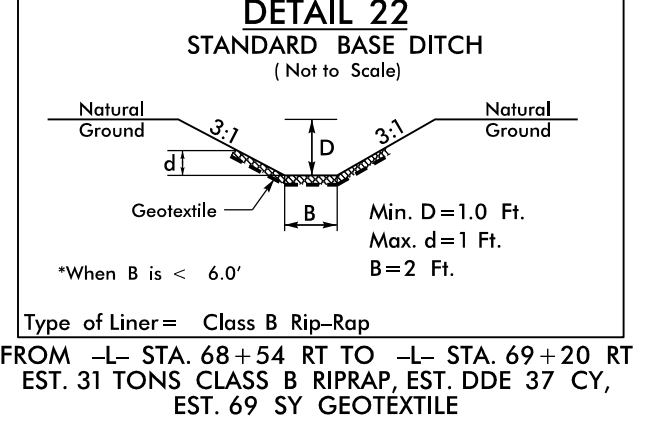
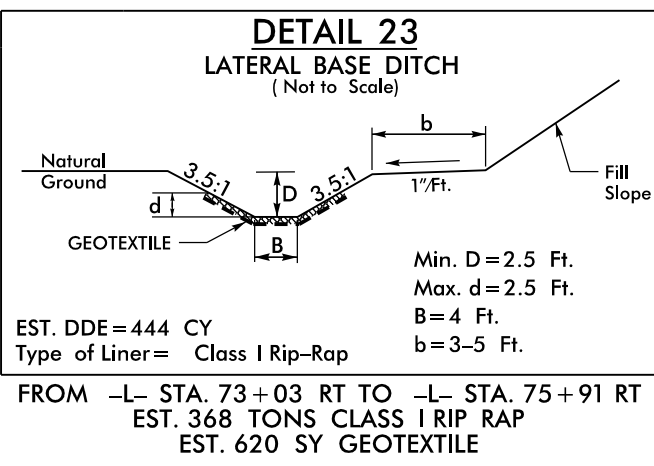
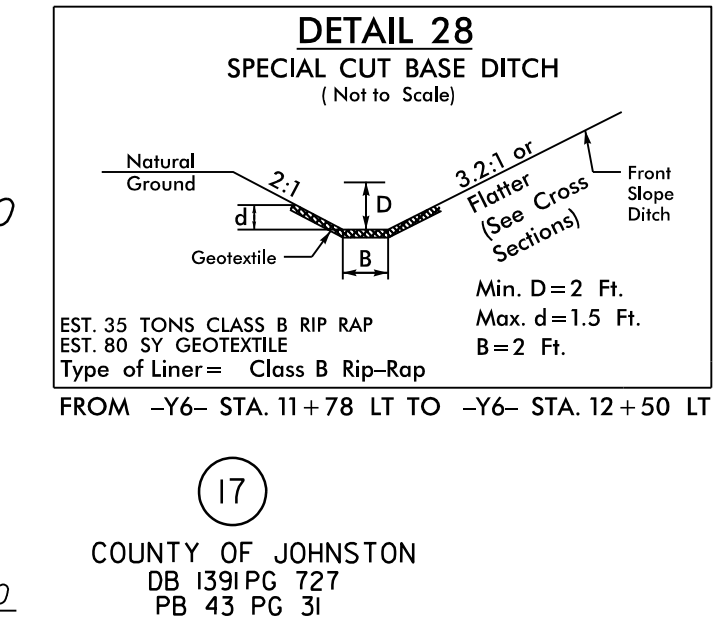
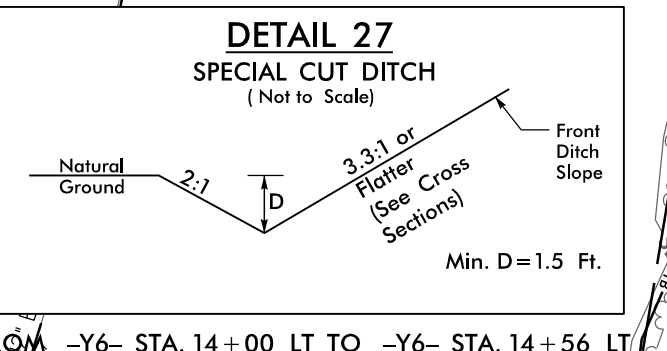
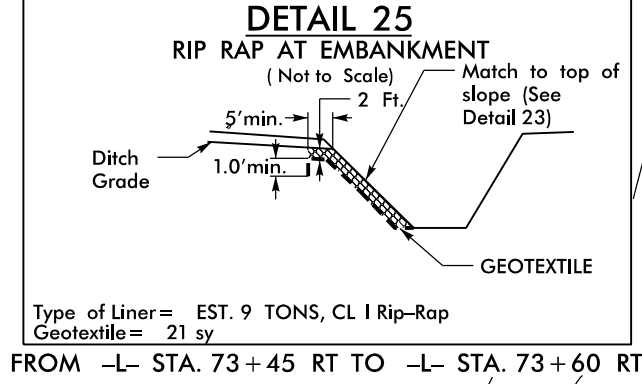
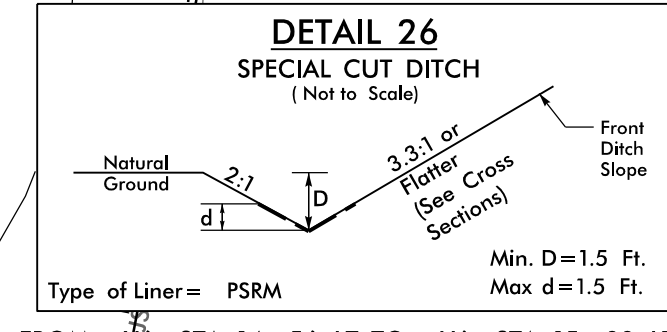
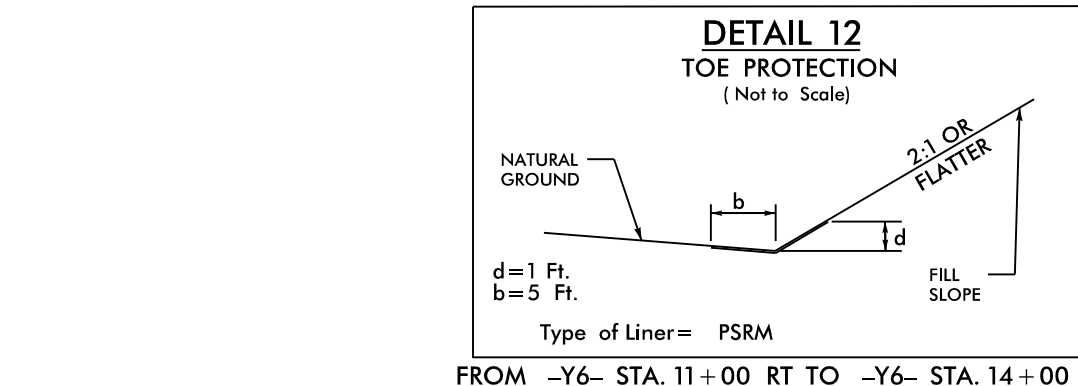
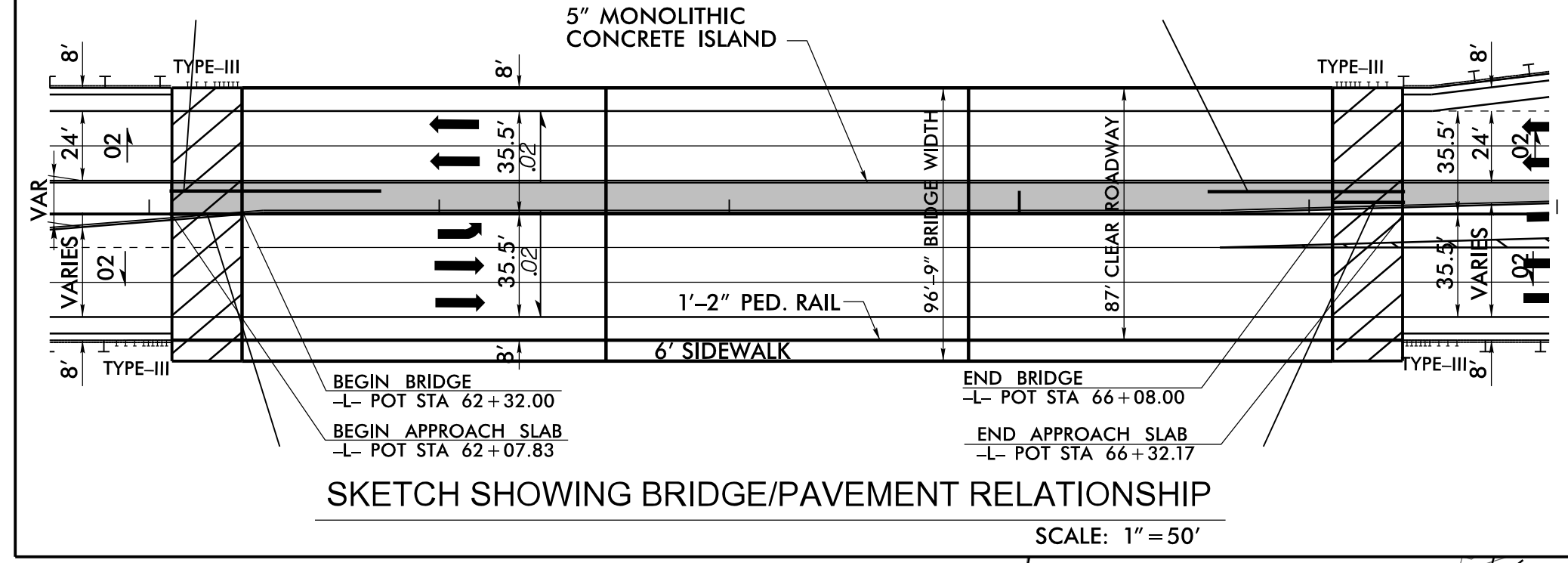
-Y5- WOODBERRY CT

PI Sta 10+91.31	PI Sta 12+40.57	-DRW17-
$\Delta = 49^{\circ} 26' 53.2" (LT)$	$\Delta = 41^{\circ} 39' 06.4" (RT)$	PI Sta 10+48.30
D = 39' 47" 19.4"	D = 23' 52" 23.7"	L = 20.95'
L = 124.28'	L = 174.47'	R = 300.00'
T = 66.31'	T = 91.29'	
R = 144.00'	R = 240.00'	



FOR -L- PROFILE SEE SHEET 25
 FOR -Y5- PROFILE SEE SHEET 33
 FOR -DRW17- PROFILE SEE SHEET 40
 FOR CONC. ISLAND DETAILS SEE SHEET 2B-4

FOR DETAILS ON BRIDGE SEE STRUCTURES PLANS



MATCHLINE -L STA. 62+00.00 SEE SHEET 7

MATCHLINE -L STA. 75+00.00 SEE SHEET 9

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NC LICENSE # C-2243

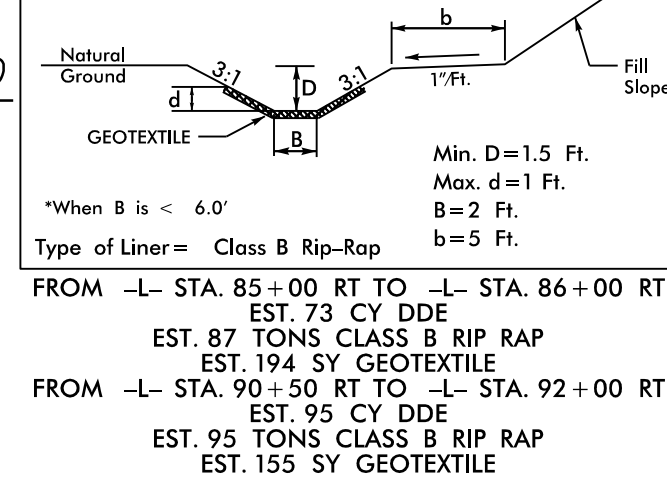
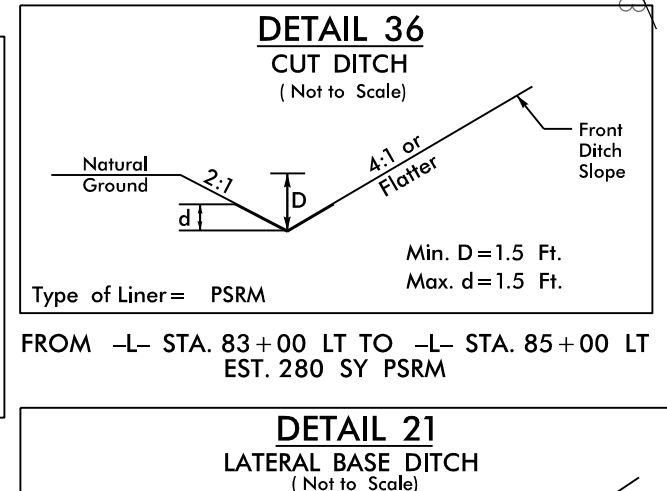
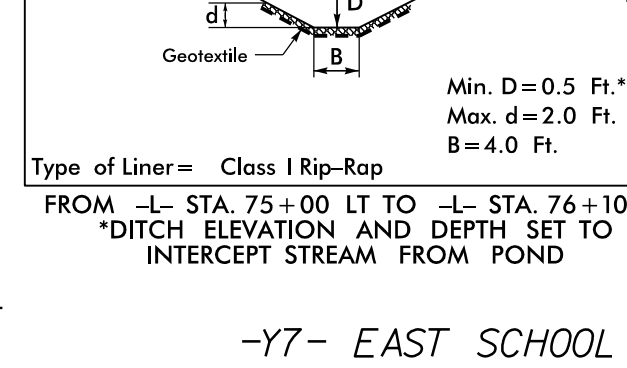
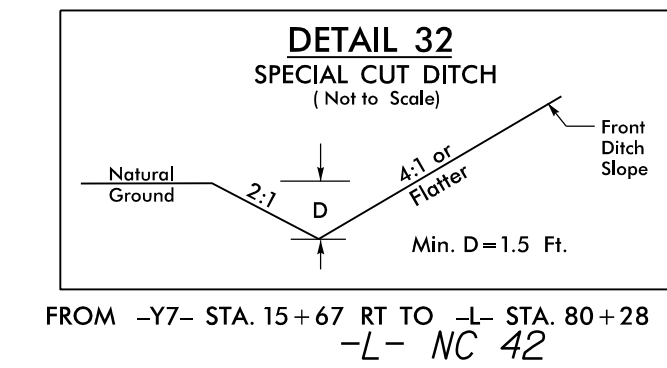
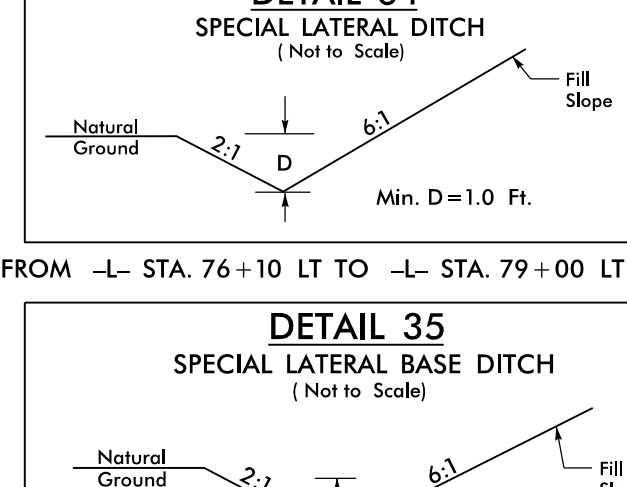
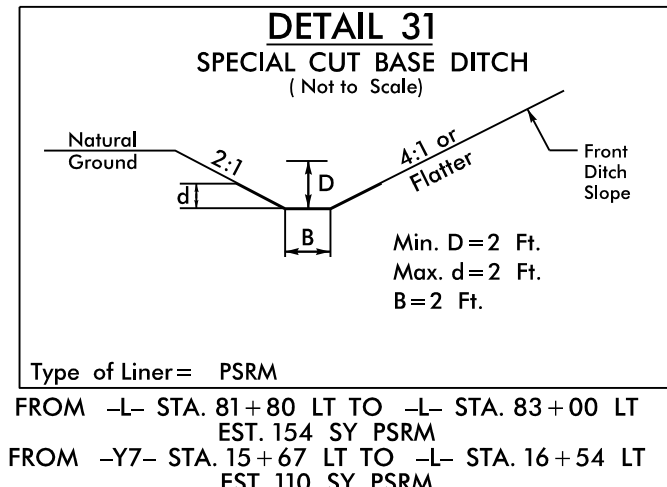
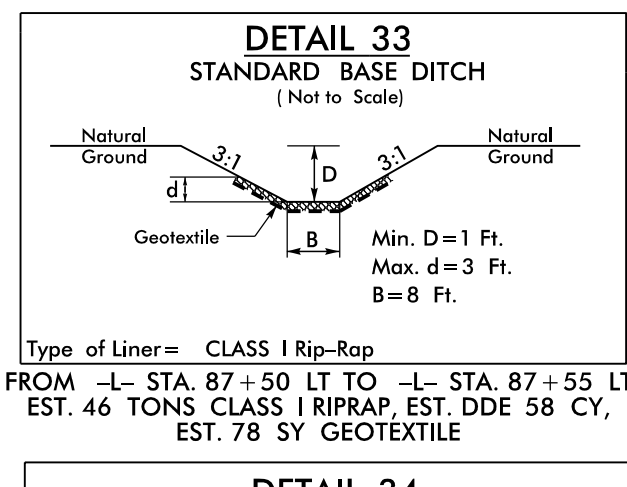
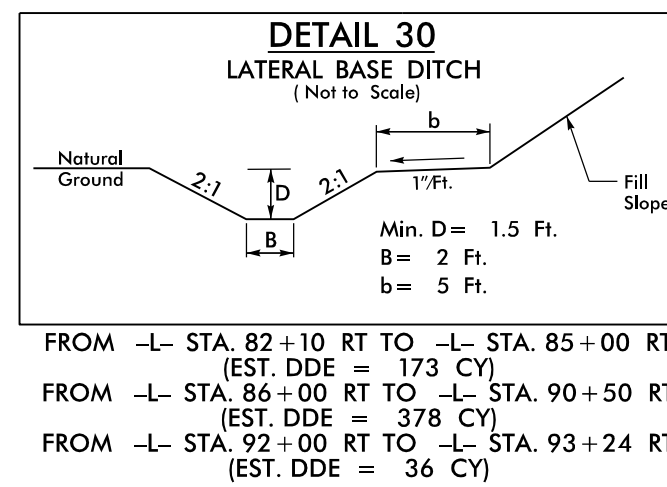
PROJECT REFERENCE NO. R-3825B
SHEET NO. 8

RW SHEET NO.

ROADWAY DESIGN ENGINEER
HYDRAULICS ENGINEER

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

8/17/2018 10:00 AM P:\o\193825b_rdw_psh08.dgn



PI Sta 76+02.21
Δ = 3' 53' 59.4" (LT)
D = 1' 00' 00.4"
L = 389.95'
T = 195.05'
R = 5,729.00'
e = 3%
Runoff = 162'

PI Sta 79+93.48
Δ = 3' 55' 35.2" (RT)
D = 1' 00' 00.4"
L = 392.61'
T = 196.38'
R = 5,729.00'
e = 3%
Runoff = 162'

PI Sta 12+47.04
Δ = 35' 17' 22.8" (RT)
D = 7' 22' 38.3"
L = 478.36'
T = 247.04'
R = 776.65'

PI Sta 76+02.21
Δ = 3' 53' 59.4" (LT)
D = 1' 00' 00.4"
L = 389.95'
T = 195.05'
R = 5,729.00'
e = 3%
Runoff = 162'

PI Sta 79+93.48
Δ = 3' 55' 35.2" (RT)
D = 1' 00' 00.4"
L = 392.61'
T = 196.38'
R = 5,729.00'
e = 3%
Runoff = 162'

PI Sta 12+47.04
Δ = 35' 17' 22.8" (RT)
D = 7' 22' 38.3"
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T = 247.04'
R = 776.65'

PI Sta 76+02.21
Δ = 3' 53' 59.4" (LT)
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L = 389.95'
T = 195.05'
R = 5,729.00'
e = 3%
Runoff = 162'

PI Sta 79+93.48
Δ = 3' 55' 35.2" (RT)
D = 1' 00' 00.4"
L = 392.61'
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Runoff = 162'

PI Sta 12+47.04
Δ = 35' 17' 22.8" (RT)
D = 7' 22' 38.3"
L = 478.36'
T = 247.04'
R = 776.65'

PI Sta 76+02.21
Δ = 3' 53' 59.4" (LT)
D = 1' 00' 00.4"
L = 389.95'
T = 195.05'
R = 5,729.00'
e = 3%
Runoff = 162'

PI Sta 79+93.48
Δ = 3' 55' 35.2" (RT)
D = 1' 00' 00.4"
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e = 3%
Runoff = 162'

PI Sta 12+47.04
Δ = 35' 17' 22.8" (RT)
D = 7' 22' 38.3"
L = 478.36'
T = 247.04'
R = 776.65'

PI Sta 76+02.21
Δ = 3' 53' 59.4" (LT)
D = 1' 00' 00.4"
L = 389.95'
T = 195.05'
R = 5,729.00'
e = 3%
Runoff = 162'

PI Sta 79+93.48
Δ = 3' 55' 35.2" (RT)
D = 1' 00' 00.4"
L = 392.61'
T = 196.38'
R = 5,729.00'
e = 3%
Runoff = 162'

PI Sta 12+47.04
Δ = 35' 17' 22.8" (RT)
D = 7' 22' 38.3"
L = 478.36'
T = 247.04'
R = 776.65'

PI Sta 76+02.21
Δ = 3' 53' 59.4" (LT)
D = 1' 00' 00.4"
L = 389.95'
T = 195.05'
R = 5,729.00'
e = 3%
Runoff = 162'

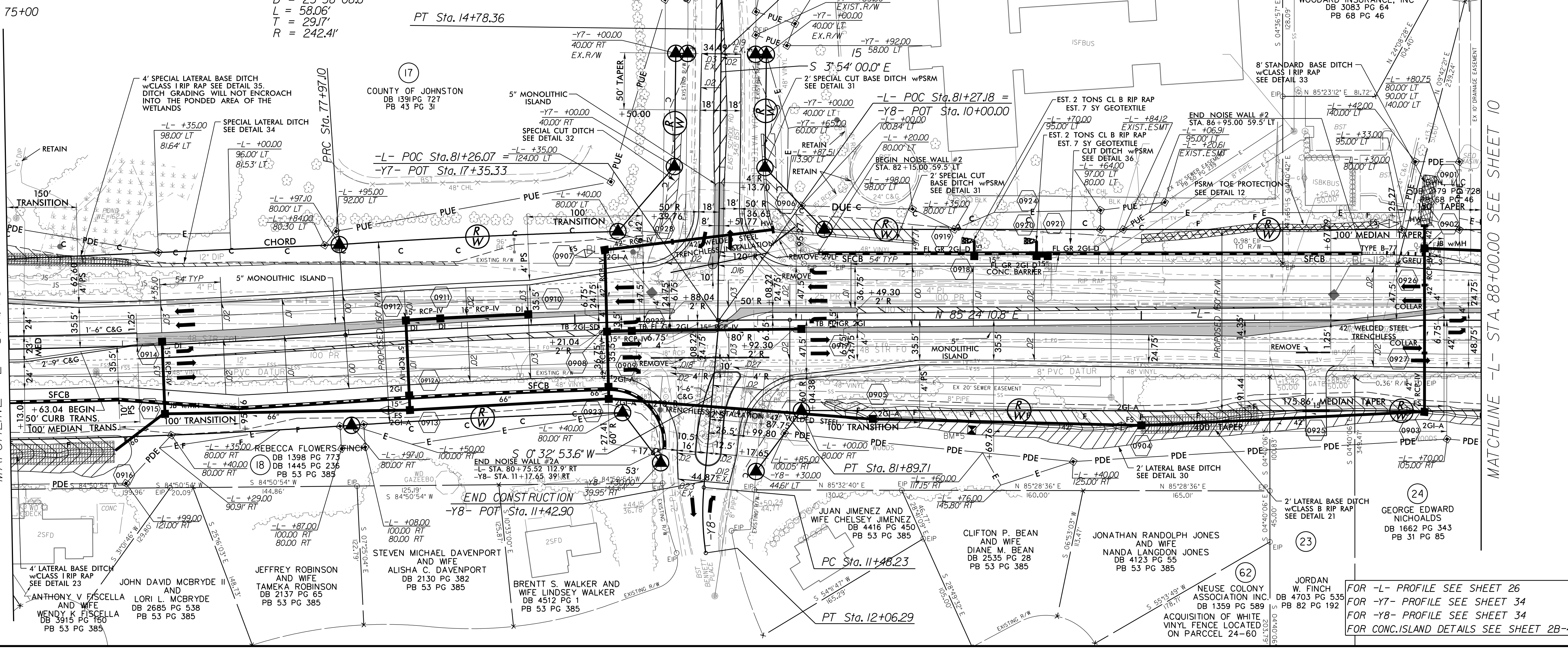
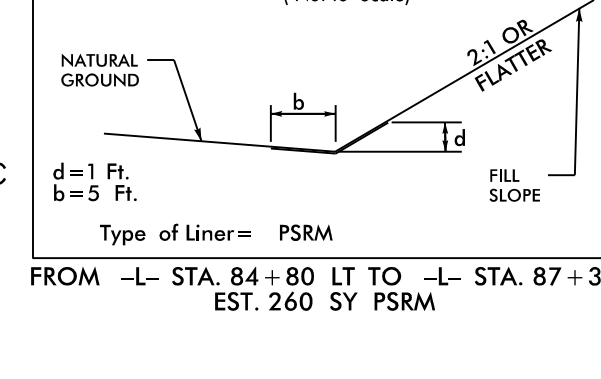
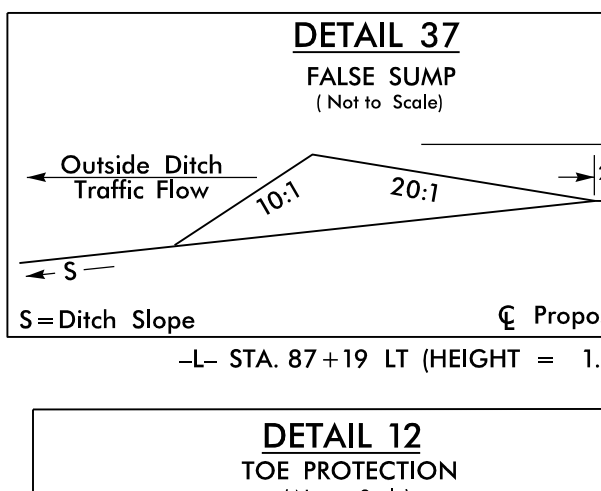
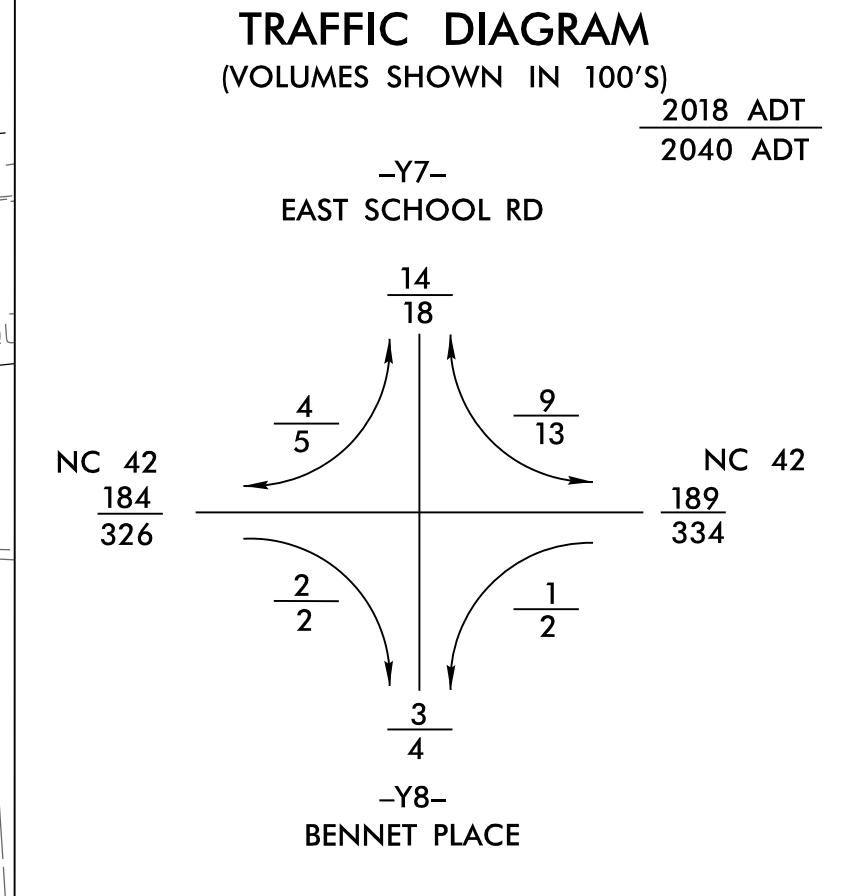
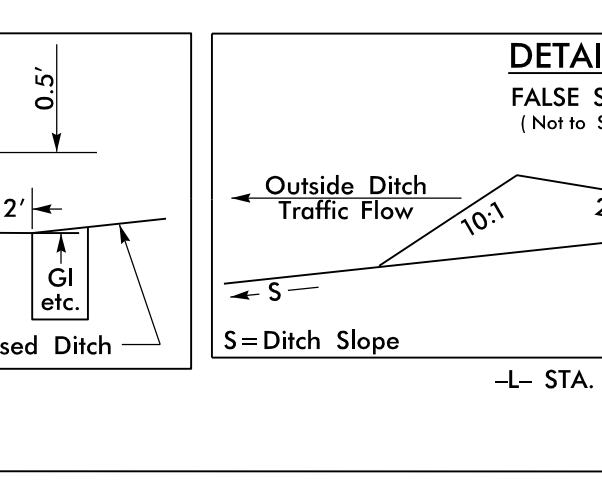
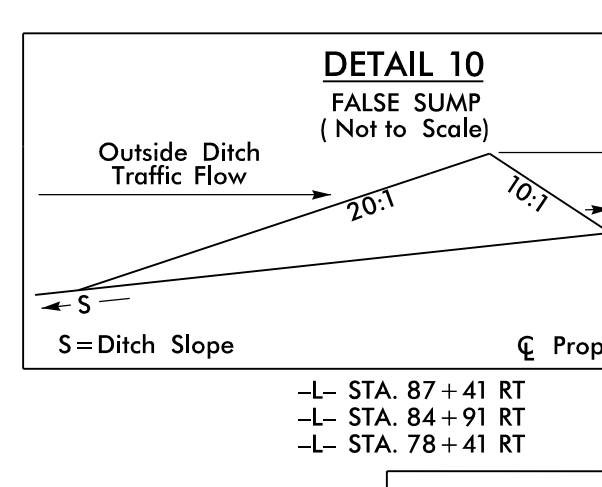
PI Sta 79+93.48
Δ = 3' 55' 35.2" (RT)
D = 1' 00' 00.4"
L = 392.61'
T = 196.38'
R = 5,729.00'
e = 3%
Runoff = 162'

PI Sta 12+47.04
Δ = 35' 17' 22.8" (RT)
D = 7' 22' 38.3"
L = 478.36'
T = 247.04'
R = 776.65'

PI Sta 76+02.21
Δ = 3' 53' 59.4" (LT)
D = 1' 00' 00.4"
L = 389.95'
T = 195.05'
R = 5,729.00'
e = 3%
Runoff = 162'

PI Sta 79+93.48
Δ = 3' 55' 35.2" (RT)
D = 1' 00' 00.4"
L = 392.61'
T = 196.38'
R = 5,729.00'
e = 3%
Runoff = 162'

PI Sta 12+47.04
Δ = 35' 17' 22.8" (RT)
D = 7' 22' 38.3"
L = 478.36'
T = 247.04'
R = 776.65'



PROJECT REFERENCE NO. R-3825B SHEET NO. 9

Prepared by **URS**
URS Corporation - North Carolina
1600 Perimeter Park Drive
Morrisville, North Carolina 27560
TELEPHONE (919) 461-1100 FAX (919) 461-1415
NC LICENSE # C-2243

ROADWAY DESIGN ENGINEER
HYDRAULICS ENGINEER

Professional Engineer Seal: Edward S. Jones, No. 037863, State of North Carolina, Exp. 9/30/2018

Professional Engineer Seal: D. Buscchi, No. 037863, State of North Carolina, Exp. 9/30/2018

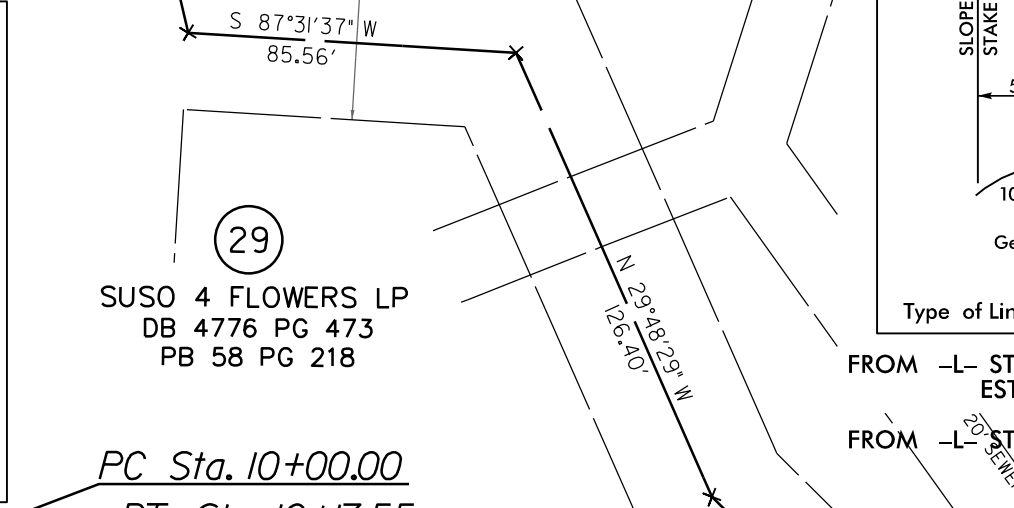
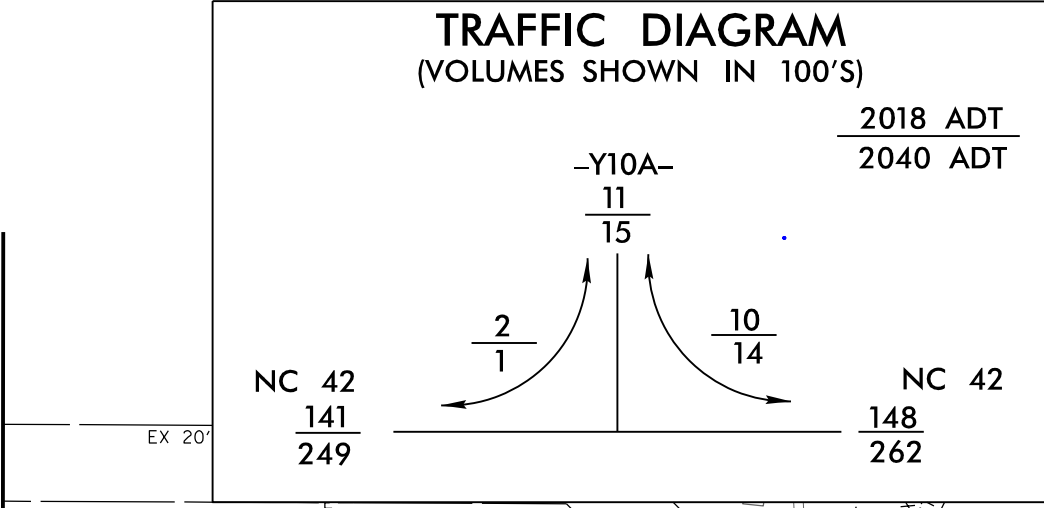
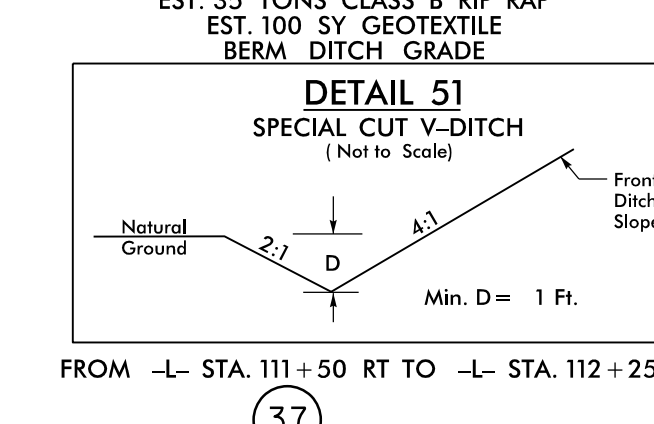
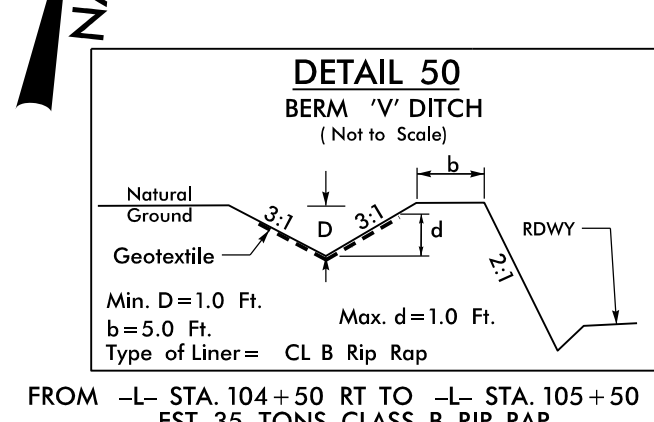
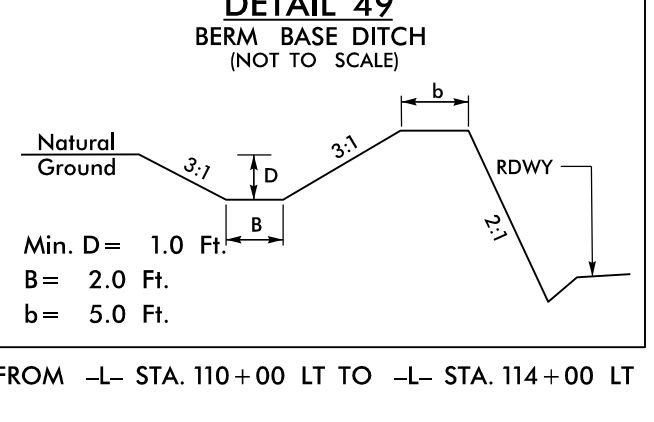
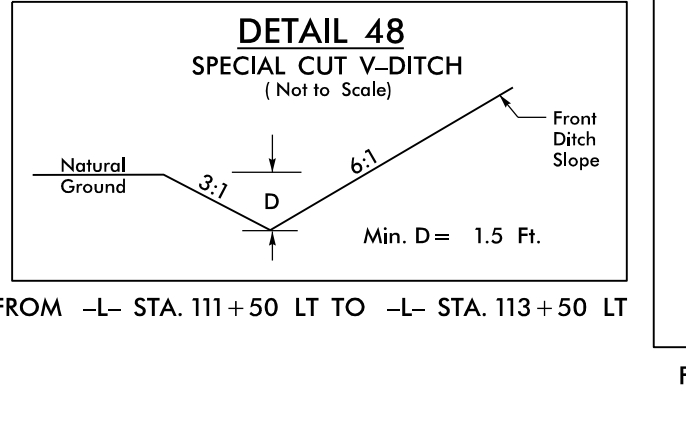
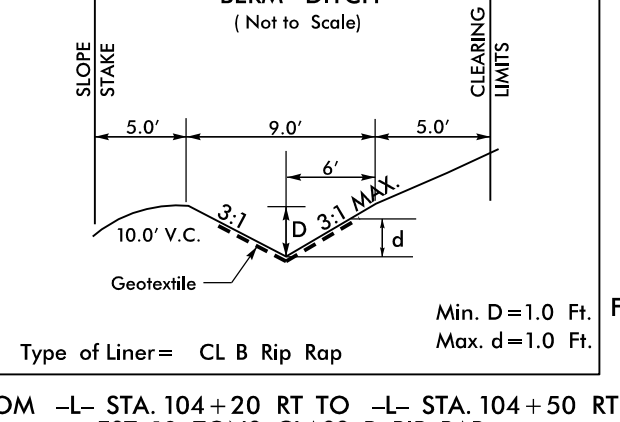
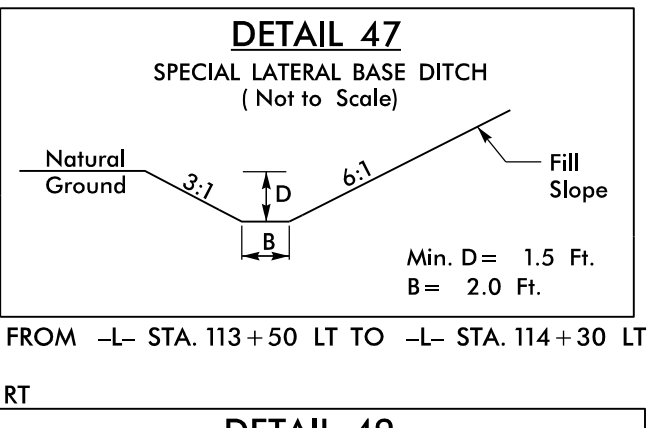
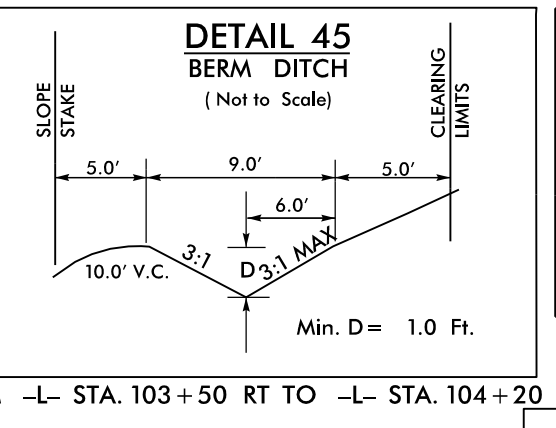
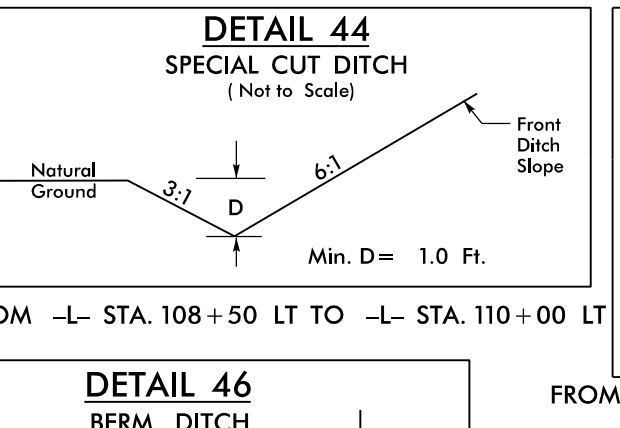
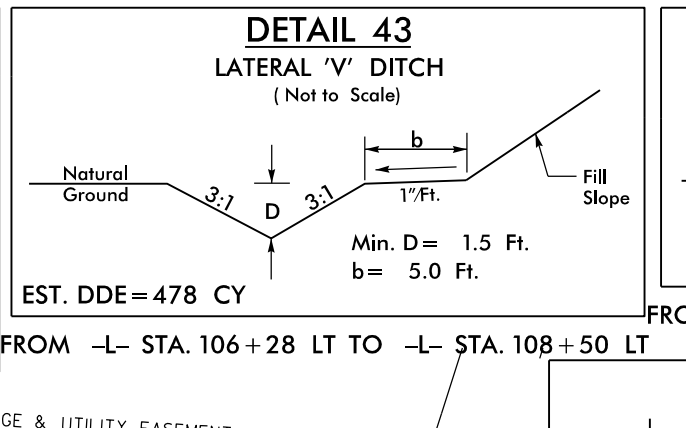
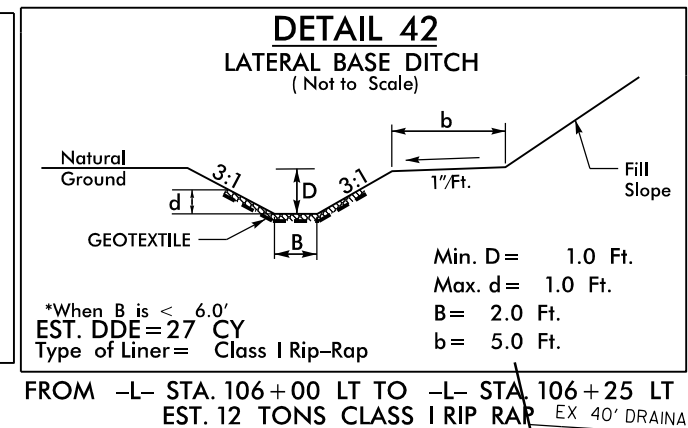
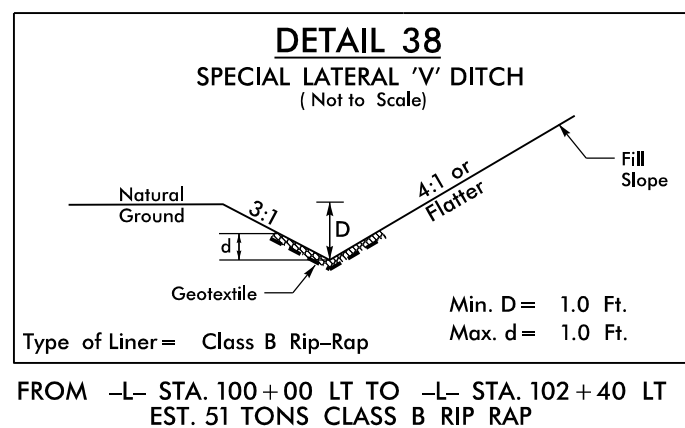
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NAD 83/2011

MATCHLINE -L- STA. 75+00.00 SEE SHEET 8

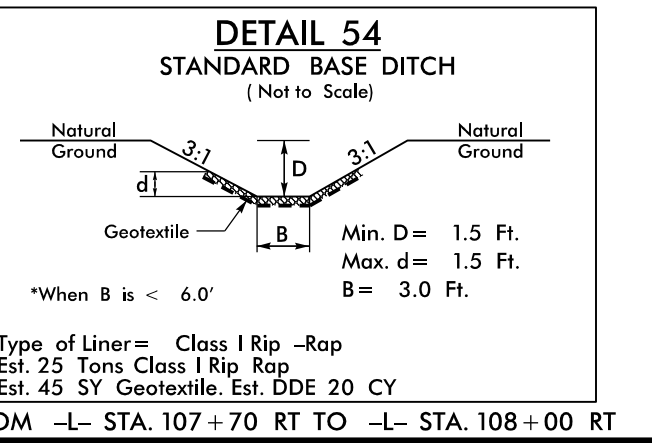
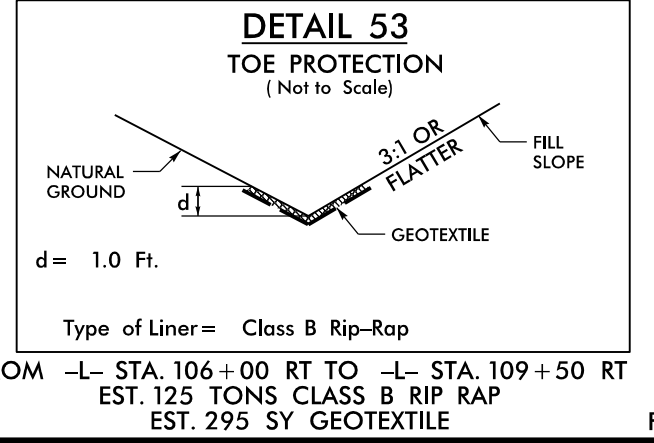
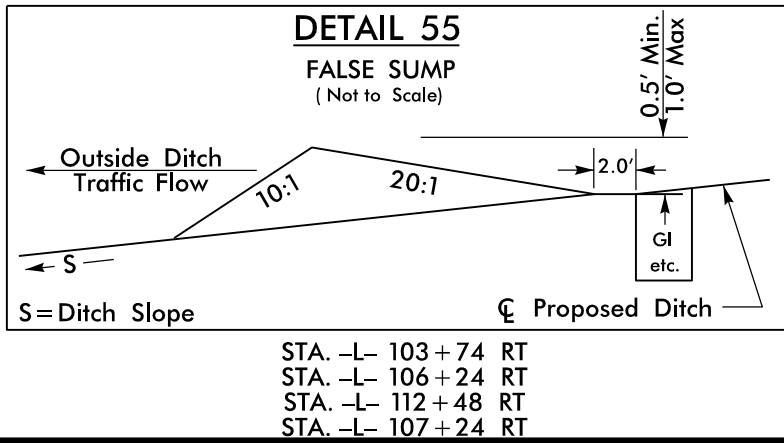
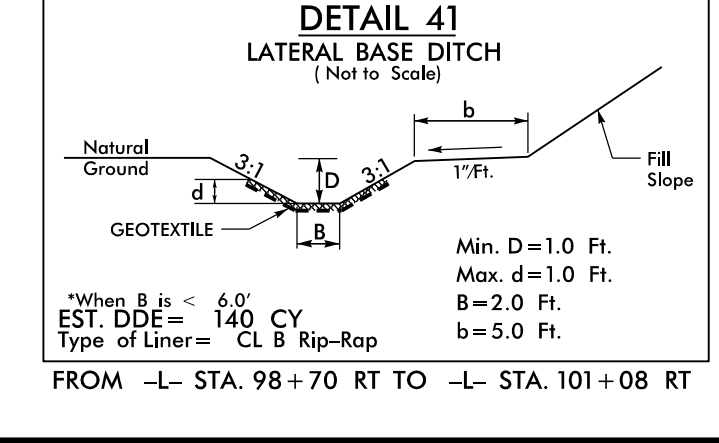
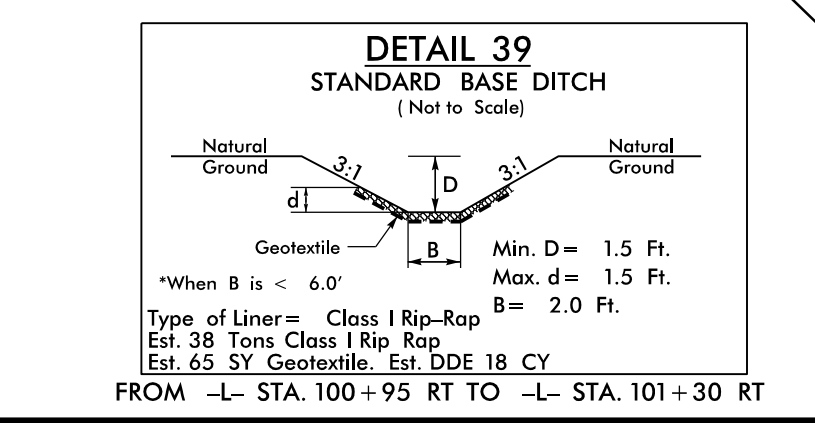
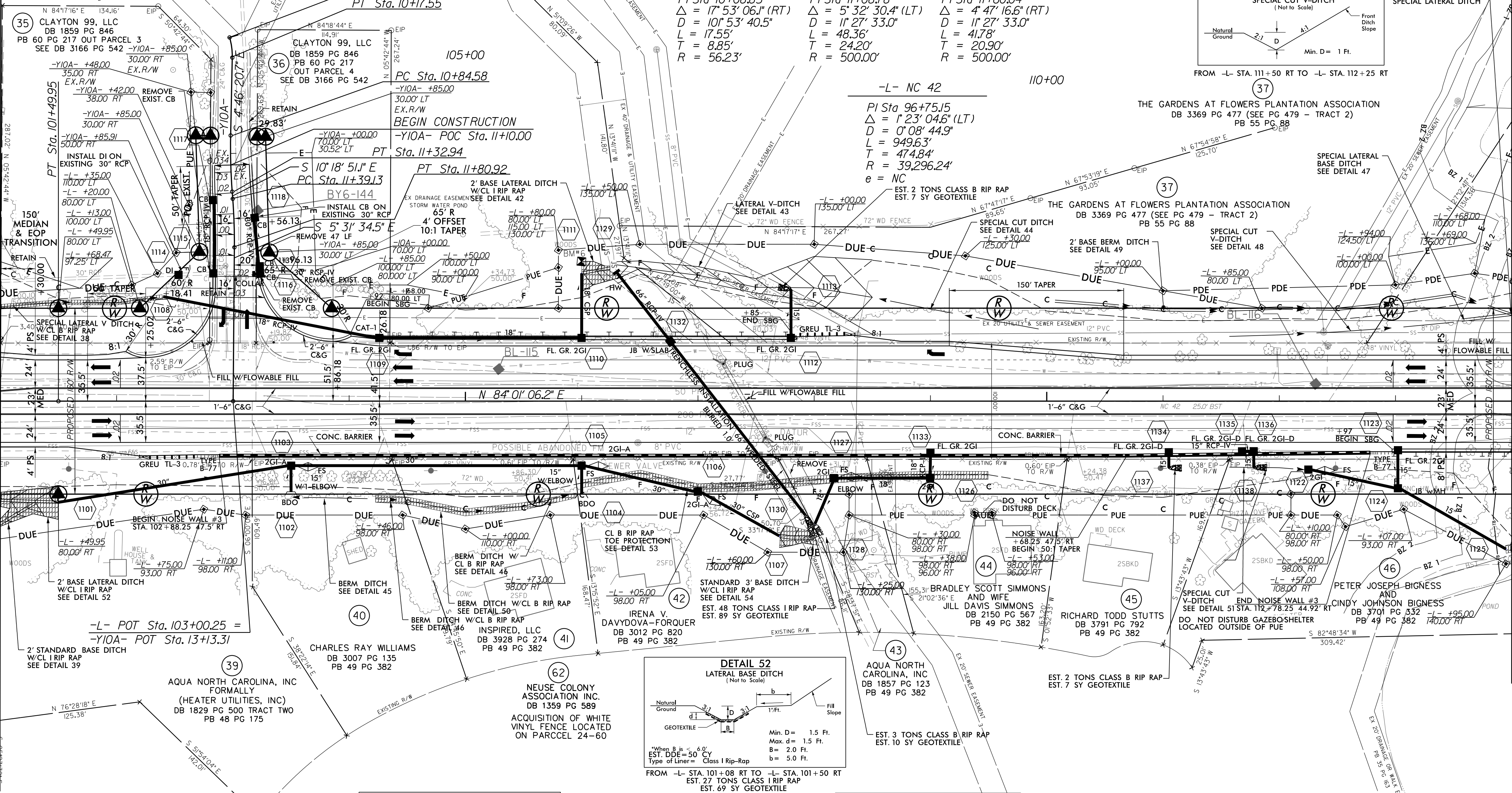
MATCHLINE -L- STA. 88+00.00 SEE SHEET 10

FOR -L- PROFILE SEE SHEET 26
FOR -Y7- PROFILE SEE SHEET 34
FOR -Y8- PROFILE SEE SHEET 34
FOR CONC. ISLAND DETAILS SEE SHEET 2B-4



MATCHLINE -L- STA. 101+00.00 SEE SHEET 10

MATCHLINE -L- STA. 114+00.00 SEE SHEET 12



FOR -L- PROFILE SEE SHEET 27
FOR -Y10A - PROFILE SEE SHEET 35

PROJECT REFERENCE NO. R-3825B SHEET NO. 11

RW SHEET NO.

ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

URS Corporation - North Carolina
1600 Perimeter Park Drive
Morrisville, North Carolina 27560
TELEPHONE 1 (919) 461-1100 FAX 1 (919) 461-1415
NC License # C-2243

SEAL
NORTH CAROLINA PROFESSIONAL ENGINEER
No. 1037863
NAME: D. BUSCH
EXPIRES: 8/9/2018

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

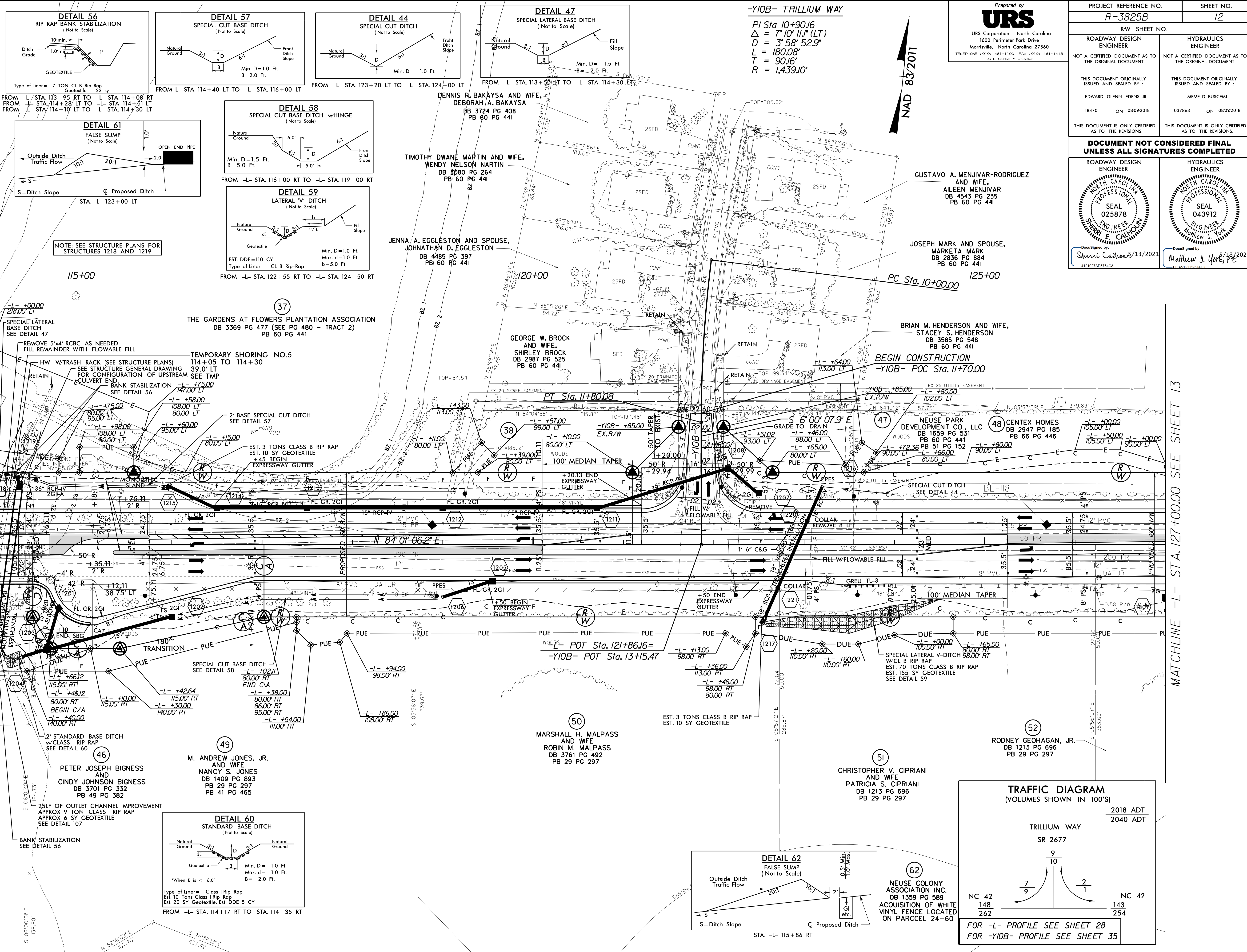
8/17/99

REVISIONS
05/14/2021-CONSTRUCTION REVISION: EXTENDED GUARDRAIL FROM L STA 127+05 TO 123+41.75 RIGHT. FRONT DITCH SLOPE AND FILL SLOPE WERE ALSO STEEPENED IN THIS AREA. (HN)

13-MAY-2021 09:47
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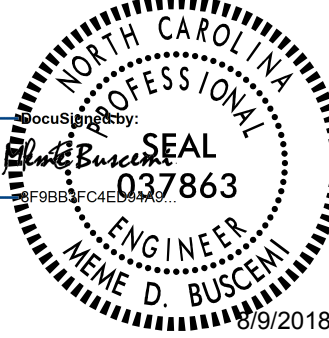
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MATCHLINE -L- STA. 127+00.00 SEE SHEET 13

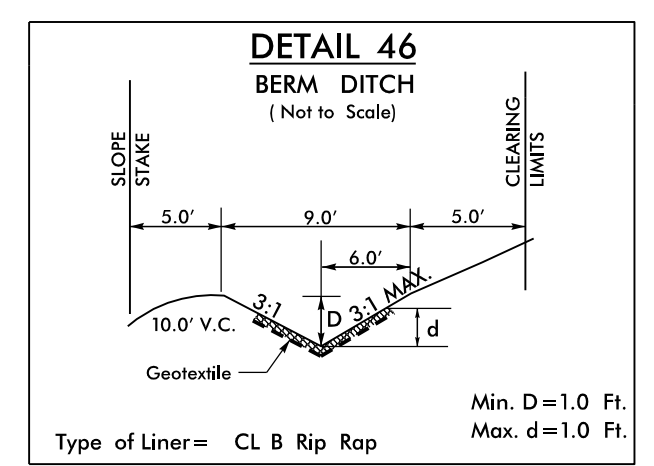


8/17/09

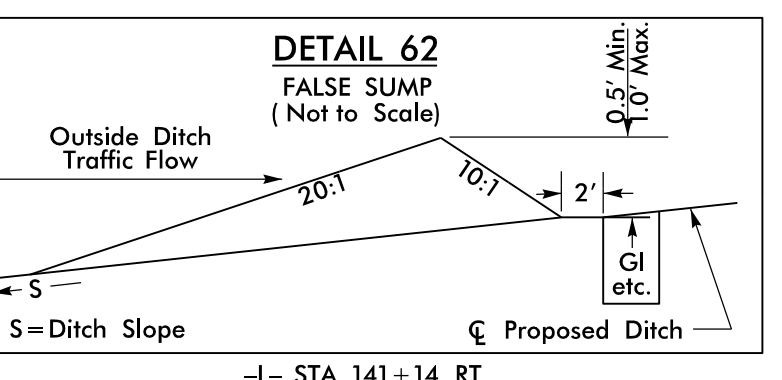
Prepared by
URS
 URS Corporation - North Carolina
 1600 Perimeter Park Drive
 Morrisville, North Carolina 27560
 TELEPHONE 1 919 461-1100 FAX 1 919 461-1415
 NC LICENSE # C-2243

PROJECT REFERENCE NO. R-3825B	SHEET NO. 14
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
 EDWARD STEVEN CULL PROFESSIONAL ENGINEER 8/9/2018	 GLENN EDENS, JR. PROFESSIONAL ENGINEER 8/9/2018
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

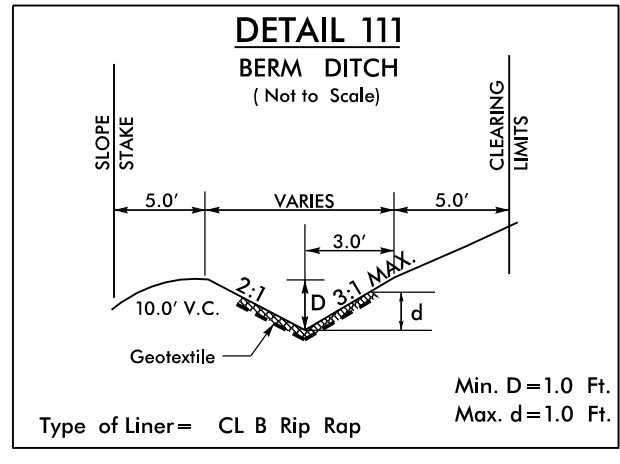
NAD 83/2011



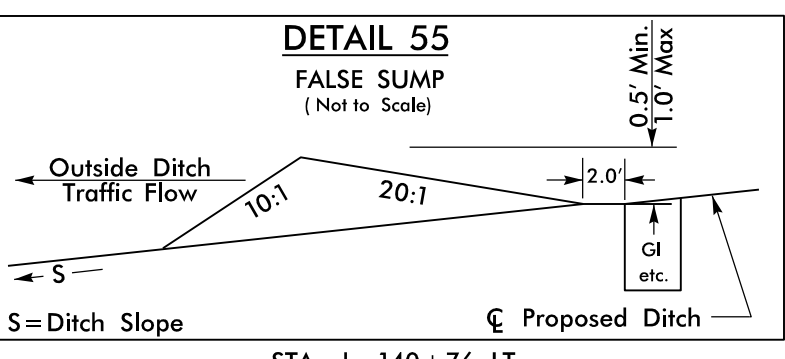
FROM -L- STA. 141+60 LT TO -L- STA. 141+85 LT
 FROM -L- STA. 142+00 RT TO -L- STA. 143+25 RT
 FROM -L- STA. 143+25 RT TO -L- STA. 144+20 RT
 FROM -L- STA. 144+70 RT TO -L- STA. 146+00 RT



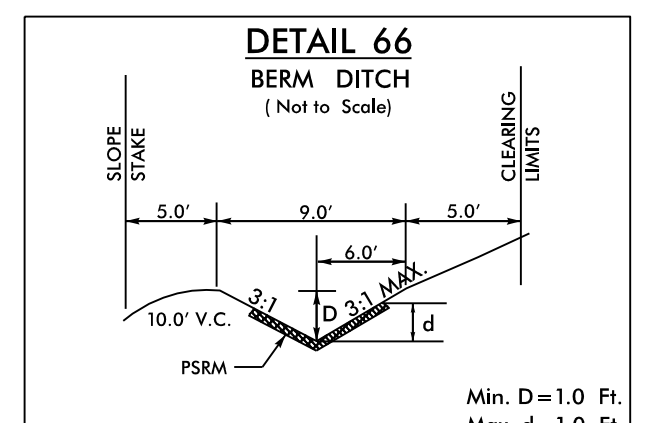
-L- STA. 141+14 RT
 -L- STA. 143+06 RT



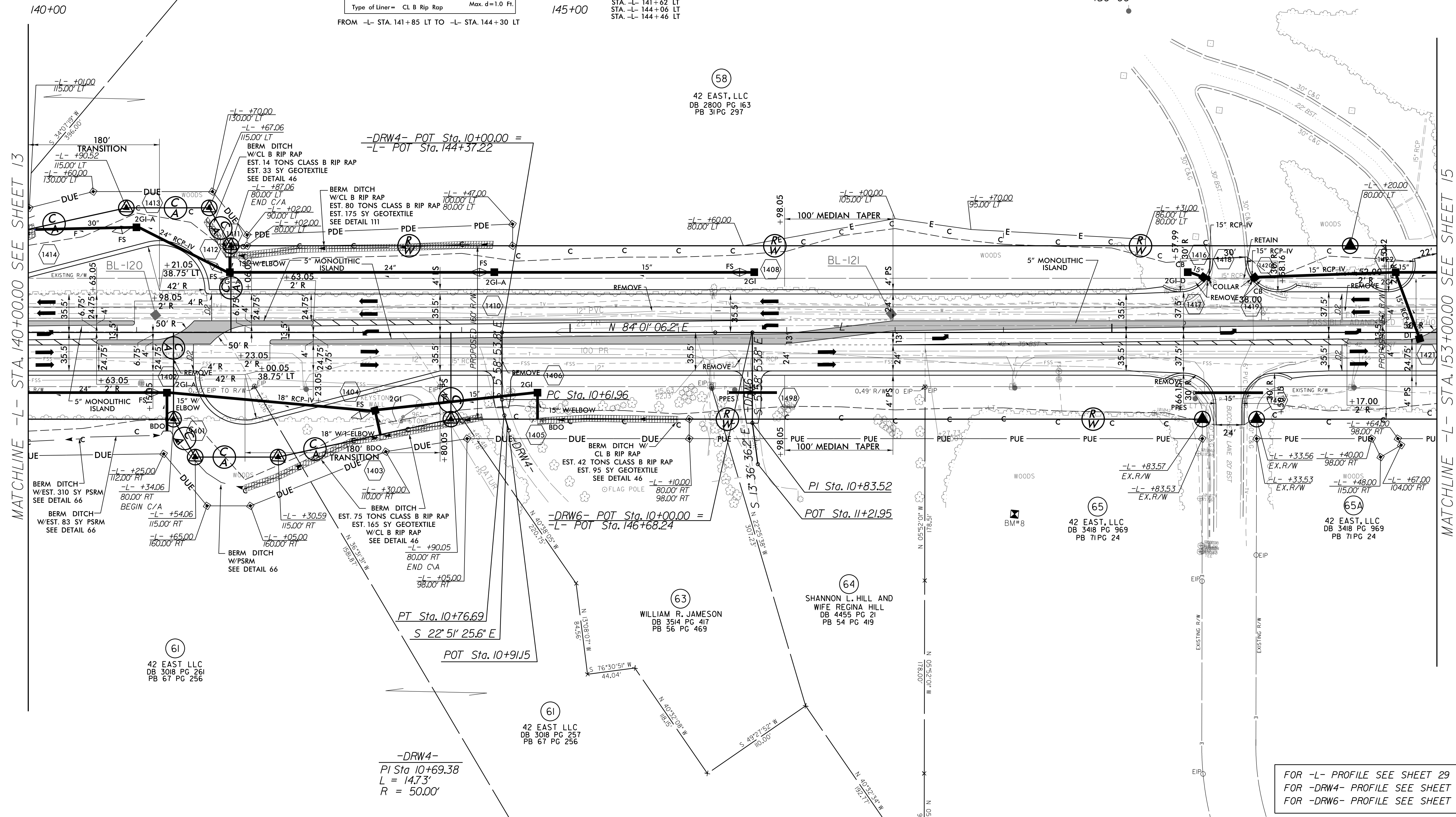
FROM -L- STA. 141+85 LT TO -L- STA. 144+30 LT



145+00
 STA. -L- 140+76 LT
 STA. -L- 141+62 LT
 STA. -L- 144+06 LT
 STA. -L- 144+46 LT



FROM -L- STA. 140+50 RT TO -L- STA. 142+00 RT



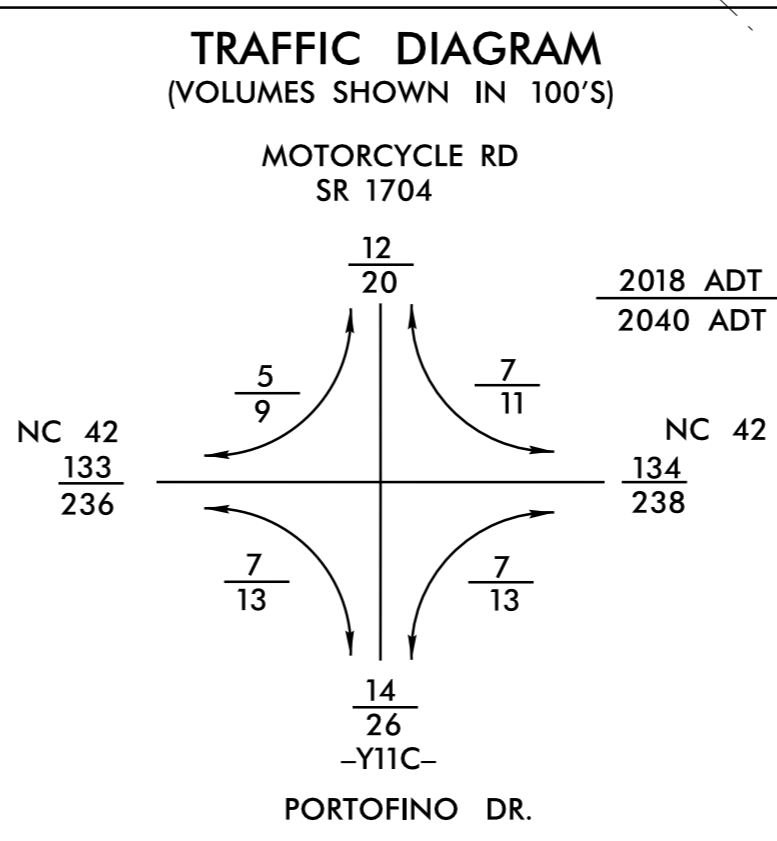
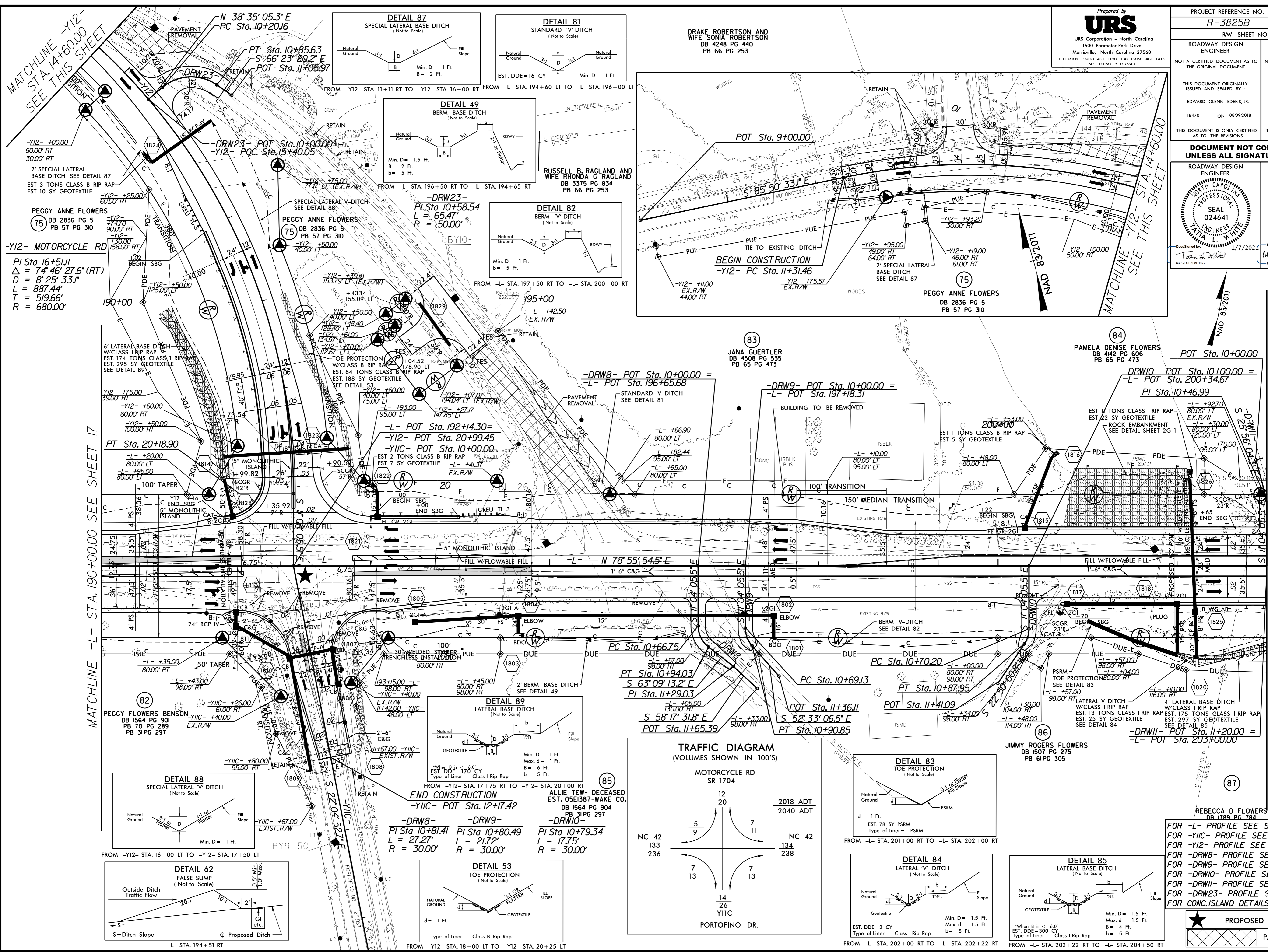
FOR -L- PROFILE SEE SHEET 29
 FOR -DRW4- PROFILE SEE SHEET 38
 FOR -DRW6- PROFILE SEE SHEET 38

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 8/17/09 10:52:24 AM

8/17/19

REVISIONS
02/19/2020 - CONSTRUCTION REVISION: REVISED LANE CONFIGURATION AND DRAINAGE TO INCLUDE A RIGHT TURN LANE ON -Y11C- REMOVED MEDIAN STRIPING ON -Y12- TO CONTINUE THROUGH THROUGH LANE HN
01/08/2021 - CONSTRUCTION REVISION: EXTENDED FULL WIDTH RIGHT TURN LANE AND CHANGED BERM TO 6' FROM -Y11C- STA 11+17.42 TO 12+17.42 LEFT-MODIFIED ADJACENT DRAINAGE (HN)

06-JAN-2021 15:44
19-38-25-2021 10:18-dgm
3-23-2021 10:18-dgm



PROJECT REFERENCE NO. R-3825B	SHEET NO. 18
RW SHEET NO.	
ROADWAY DESIGN ENGINEER NOT A CERTIFIED DOCUMENT AS TO THE ORIGINAL DOCUMENT	HYDRAULICS ENGINEER NOT A CERTIFIED DOCUMENT AS TO THE ORIGINAL DOCUMENT
THIS DOCUMENT ORIGINALLY ISSUED AND SEALED BY: EDWARD GLENN EDENS, JR. 18470 ON 08/09/2018	THIS DOCUMENT ORIGINALLY ISSUED AND SEALED BY: MEME D. BUSCEMI 037863 ON 08/09/2018
THIS DOCUMENT IS ONLY CERTIFIED AS TO THE REVISIONS.	THIS DOCUMENT IS ONLY CERTIFIED AS TO THE REVISIONS.
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
ROADWAY DESIGN ENGINEER SEAL 024641 TATIANA L. WHITE	HYDRAULICS ENGINEER SEAL 043912 Matthew J. York, PE
1/7/2021	1/6/2021

FOR -L- PROFILE SEE SHEET 31
FOR -Y11C- PROFILE SEE SHEET 36
FOR -Y12- PROFILE SEE SHEET 36
FOR -DRW8- PROFILE SEE SHEET 38
FOR -DRW9- PROFILE SEE SHEET 39
FOR -DRW10- PROFILE SEE SHEET 39
FOR -DRW11- PROFILE SEE SHEET 39
FOR -DRW23- PROFILE SEE SHEET 40
FOR CONC. ISLAND DETAILS SEE SHEET 2B-6

★ PROPOSED SIGNAL
PAVEMENT REMOVAL

MATCHLINE -L- STA. 190+00.00 SEE SHEET 17

MATCHLINE -Y12- STA. 14+60.00 SEE THIS SHEET

MATCHLINE -L- STA. 203+00.00 SEE SHEET 19

DRAKE ROBERTSON AND WIFE SONIA ROBERTSON
DB 4248 PG 440
PB 66 PG 253

Prepared by
URS
URS Corporation - North Carolina
1600 Perimeter Park Drive
Morrisville, North Carolina 27560
TELEPHONE: (919) 461-1100 FAX: (919) 461-1415
NC L103462 - C-2243

RUSSELL B. RAGLAND AND WIFE RHONDA G. RAGLAND
DB 3375 PG 834
PB 66 PG 253

JANA GUERTLER
DB 4508 PG 535
PB 65 PG 473

PAMELA DENISE FLOWERS
DB 4142 PG 606
PB 65 PG 473

JIMMY ROGERS FLOWERS
DB 1507 PG 275
PB 61 PG 305

REBECCA D FLOWERS
DB 1789 PG 784

PEGGY ANNE FLOWERS
DB 2836 PG 5
PB 57 PG 310

PEGGY ANNE FLOWERS
DB 2836 PG 5
PB 57 PG 310

PEGGY ANNE FLOWERS
DB 2836 PG 5
PB 57 PG 310

PEGGY FLOWERS BENSON
DB 1564 PG 901
PB 70 PG 289
PB 31 PG 297

ALLIE TEW- DECEASED
EST. 05E1387-WAKE CO.
DB 1564 PG 904
PB 31 PG 297

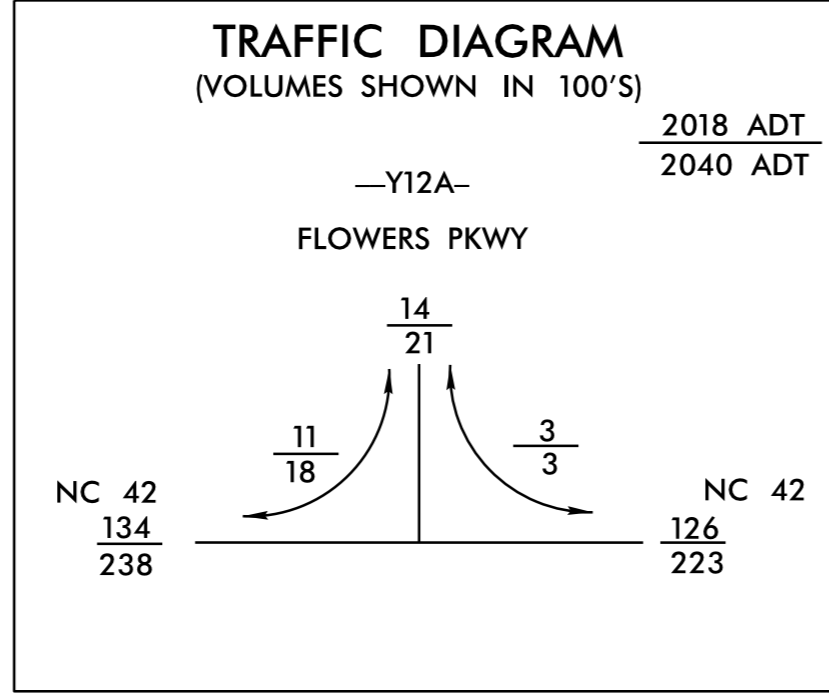
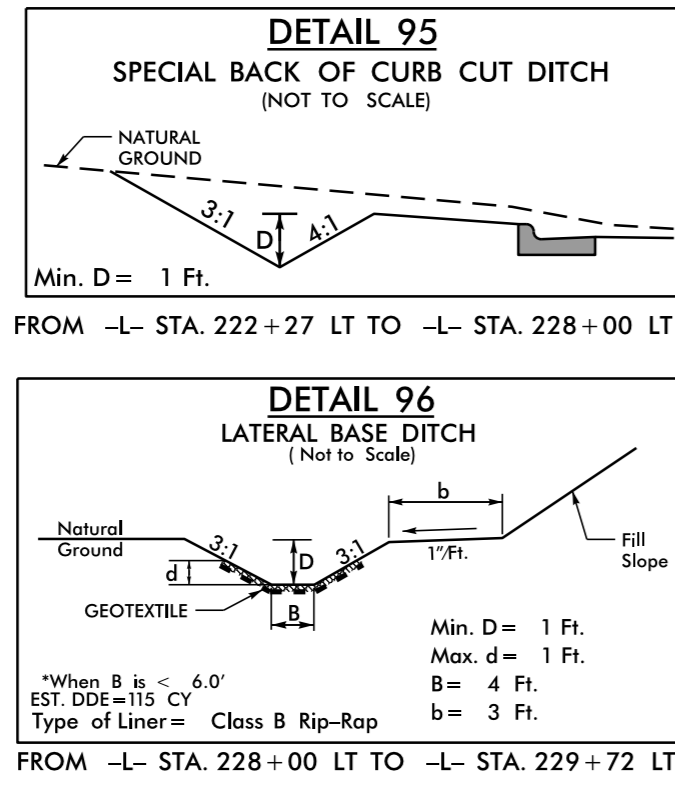
8/17/19

REVISIONS

1 - ROW, PUE, PDE, AND EASEMENTS UPDATED ON PARCEL 100 FROM STA. 218+77 TO 244+77 (10/12/2018) TLH
 10/16/2019 - CONSTRUCTION REVISION: ADDED A RIGHT TURN FROM -L- STATION 224+35.00 TO 229+08.67 RIGHT AND REMOVED -DRW13- AT -L- STA. 228+86.87 TO 229+52.33.
 HYDRAULICS WAS ALSO REVISED IN THESE AREAS. HN
 08/17/2020 - CONSTRUCTION REVISION: ADDED AN EXCLUSIVE LEFT TURN LANE TO -DRW27- AND -Y12A-, WIDENED THE INGRESS RADIUS FOR THE DRIVEWAY AT -L- STATION 227+84,
 REVISED THE BERM AND SLOPES FROM -L- STA. 224+00 TO 227+50 RT. TO TIE TO THE DEVELOPER'S GRADING PLAN, AND ADDED
 GRADING DETAIL #2001. THE ASSOCIATED DRAINAGE WAS UPDATED. HN

17-AUG-2020 17:47
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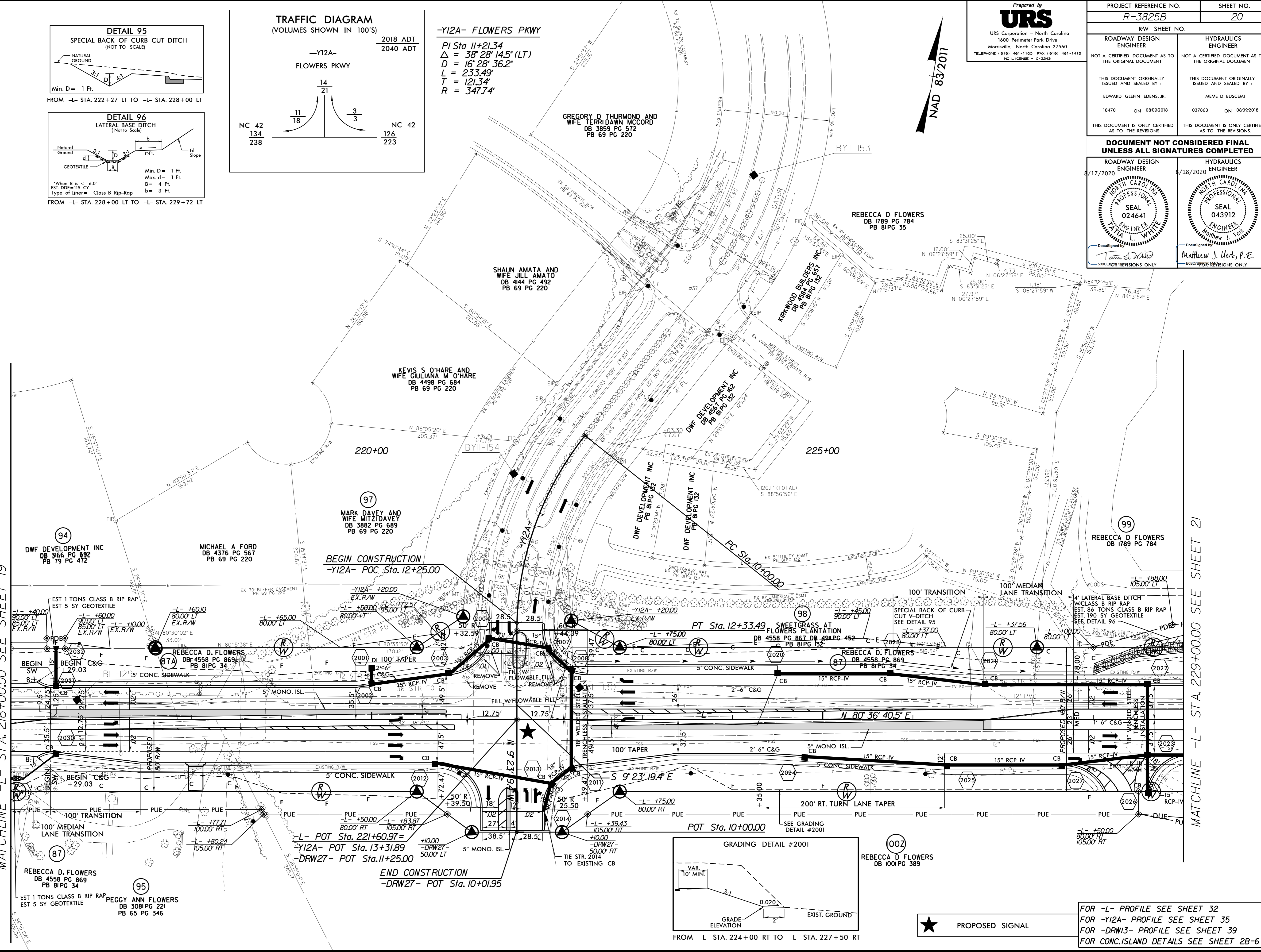
MATCHLINE -L- STA. 216+00.00 SEE SHEET 19



-Y12A- FLOWERS PKWY
 PI Sta 11+21.34
 $\Delta = 38' 28' 14.5''$ (LT)
 $D = 16' 28' 36.2''$
 $L = 233.49'$
 $T = 121.34'$
 $R = 347.74'$

Prepared by
URS
 URS Corporation - North Carolina
 1600 Perimeter Park Drive
 Morrisville, North Carolina 27560
 TELEPHONE: (919) 461-1100 FAX: (919) 461-1415
 NC L103462 • C-2243

PROJECT REFERENCE NO. R-3825B		SHEET NO. 20	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
NOT A CERTIFIED DOCUMENT AS TO THE ORIGINAL DOCUMENT		NOT A CERTIFIED DOCUMENT AS TO THE ORIGINAL DOCUMENT	
THIS DOCUMENT ORIGINALLY ISSUED AND SEALED BY:		THIS DOCUMENT ORIGINALLY ISSUED AND SEALED BY:	
EDWARD GLENN EDENS, JR. 18470 ON 08/09/2018		MEME D. BUSCEMI 037863 ON 08/09/2018	
THIS DOCUMENT IS ONLY CERTIFIED AS TO THE REVISIONS.		THIS DOCUMENT IS ONLY CERTIFIED AS TO THE REVISIONS.	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
8/17/2020		8/18/2020	
Tanya J. White		Matthew J. York, P.E.	
FOR REVISIONS ONLY		FOR REVISIONS ONLY	



MATCHLINE -L- STA. 229+00.00 SEE SHEET 21

FOR -L- PROFILE SEE SHEET 32
 FOR -Y12A- PROFILE SEE SHEET 35
 FOR -DRW13- PROFILE SEE SHEET 39
 FOR CONC. ISLAND DETAILS SEE SHEET 2B-6

8/17/19

1 - ROW, PUE, PDE, AND EASEMENTS UPDATED ON PARCEL 100 FROM STA. 218+77 TO 244+77 (10/12/2018) TLH
2 - TCE ADDED TO PARCEL 105 FROM -Y13- STA. 20+81.91 TO 22+46.96, 59' RT (11/2/2019) HN
01/08/2021-CONSTRUCTION REVISION: WIDENED BERM, AND ADDED HANDRAIL, STEEPENED SLOPE AND ADDED ROCK PLATING, ADJUSTED GUARDRAIL AND DRAINAGE -L- STA. 242+00 TO 242+60.00 LT (HN)

REVISIONS

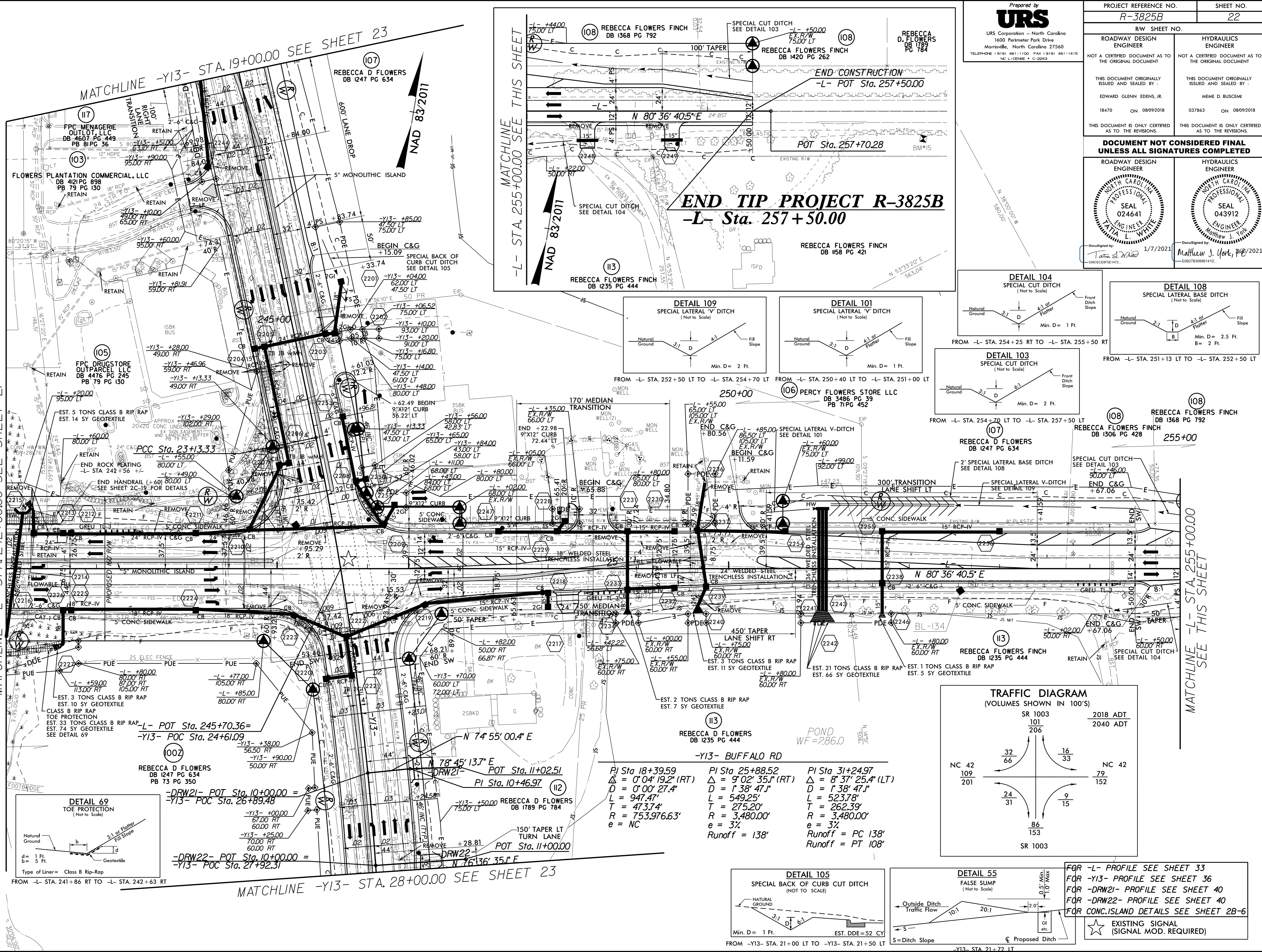
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3/13/2021 10:00 AM

MATCHLINE -L- STA. 242+00.00 SEE SHEET 21

MATCHLINE -Y13- STA. 19+00.00 SEE SHEET 23

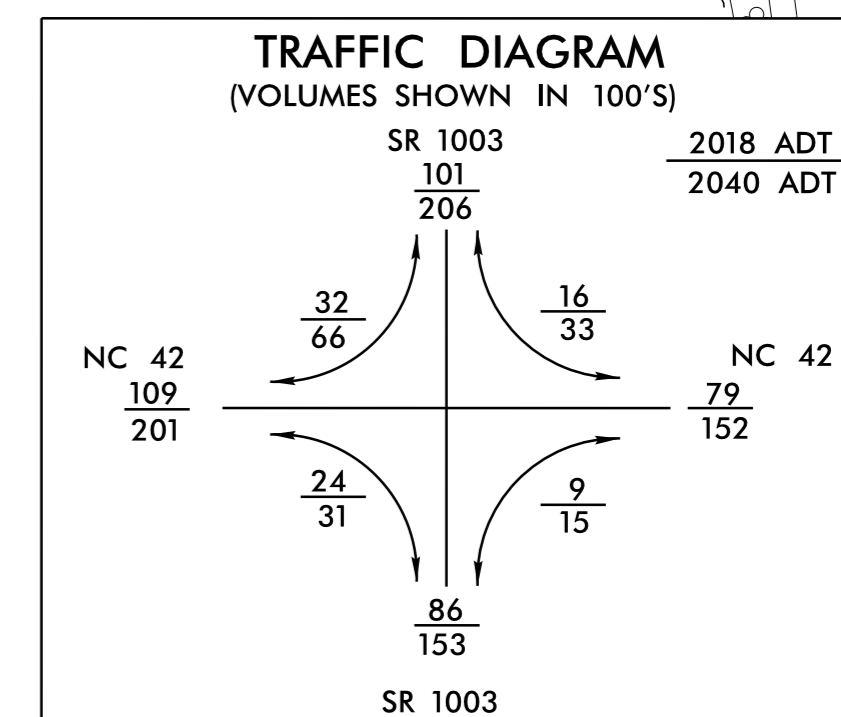
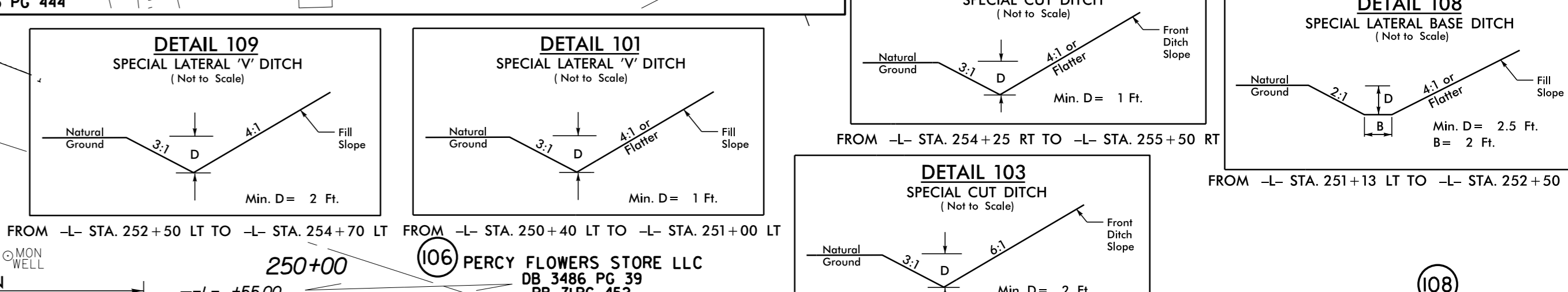
MATCHLINE -L- STA. 255+00.00 SEE THIS SHEET

MATCHLINE -L- STA. 255+00.00 SEE THIS SHEET



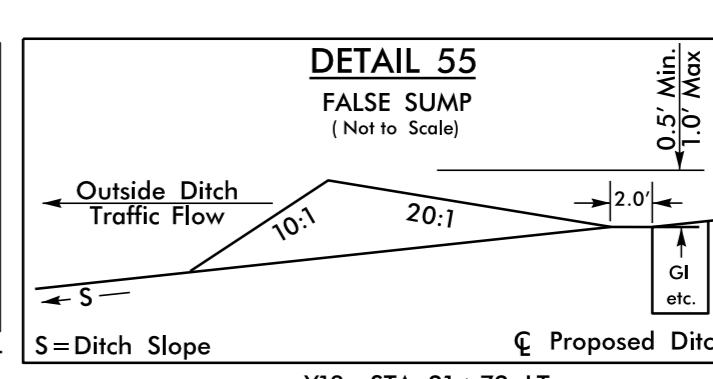
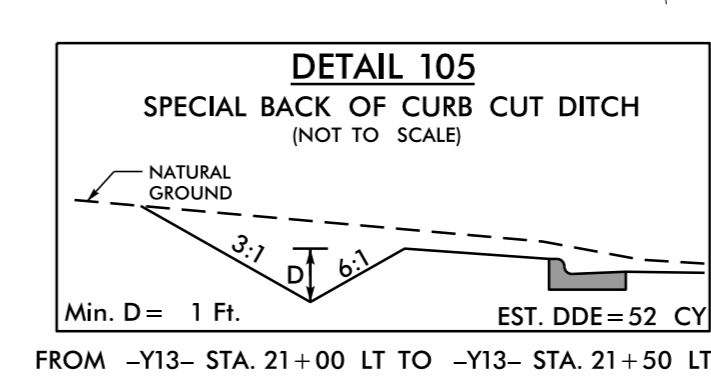
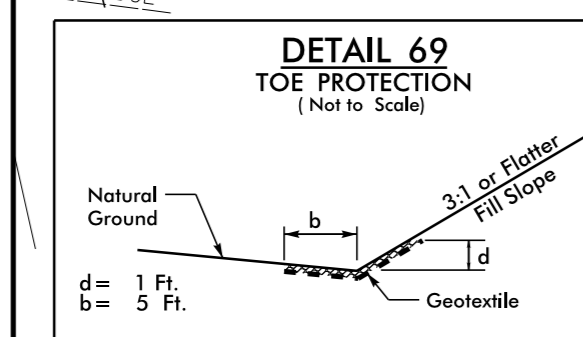
Prepared by
URS
URS Corporation - North Carolina
1600 Perimeter Park Drive
Morrisville, North Carolina 27560
TELEPHONE: (919) 461-1100 FAX: (919) 461-1415
NC L103462 - C-2243

PROJECT REFERENCE NO. R-3825B	SHEET NO. 22
ROADWAY DESIGN ENGINEER NOT A CERTIFIED DOCUMENT AS TO THE ORIGINAL DOCUMENT	HYDRAULICS ENGINEER NOT A CERTIFIED DOCUMENT AS TO THE ORIGINAL DOCUMENT
THIS DOCUMENT ORIGINALLY ISSUED AND SEALED BY: EDWARD GLENN EDENS, JR. 18470 ON 08/09/2018	THIS DOCUMENT ORIGINALLY ISSUED AND SEALED BY: MEME D. BUSCEMI 037863 ON 08/09/2018
THIS DOCUMENT IS ONLY CERTIFIED AS TO THE REVISIONS.	THIS DOCUMENT IS ONLY CERTIFIED AS TO THE REVISIONS.
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
ROADWAY DESIGN ENGINEER SEAL 024641 Matthew J. York, PE	HYDRAULICS ENGINEER SEAL 043912 Matthew J. York, PE
DocuSigned by: Matthew J. York, PE 1/7/2021	DocuSigned by: Matthew J. York, PE 1/7/2021



-Y13- BUFFALO RD

PI Sta	Δ	D	L	T	R	e	Runoff
18+39.59	0° 04' 19.2" (RT)	0' 00" 27.4'	947.47'	473.74'	753.976.63'	NC	
25+88.52	9° 02' 35.1" (RT)	1' 38' 47.1"	549.25'	275.20'	3,480.00'	NC	138'
31+24.97	8° 37' 25.4" (LT)	1' 38' 47.1"	523.78'	262.39'	3,480.00'	NC	138'



FOR -L- PROFILE SEE SHEET 33
FOR -Y13- PROFILE SEE SHEET 36
FOR -DRW21- PROFILE SEE SHEET 40
FOR -DRW22- PROFILE SEE SHEET 40
FOR CONC. ISLAND DETAILS SEE SHEET 28-6

EXISTING SIGNAL (SIGNAL MOD. REQUIRED)

