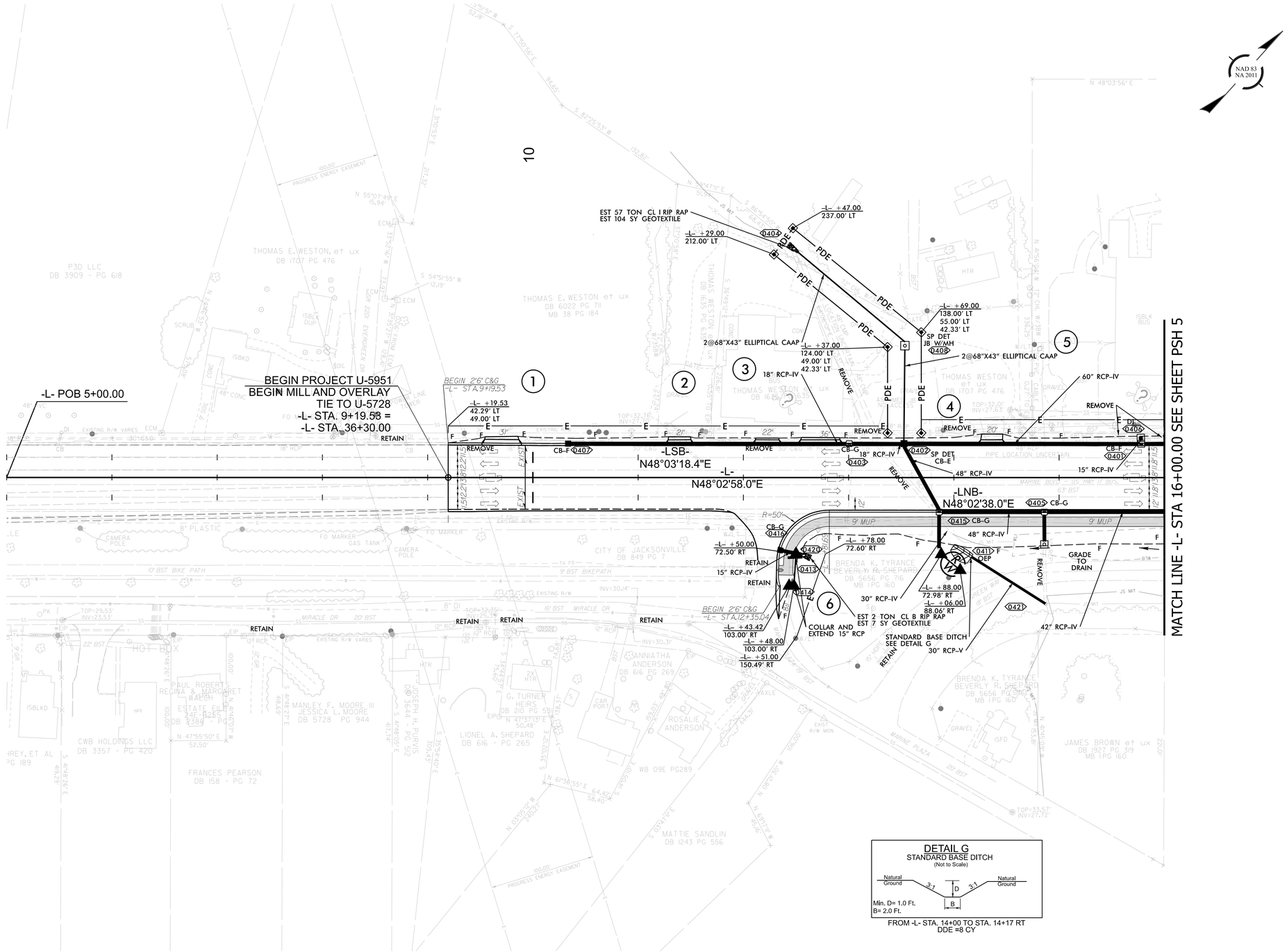
11/14/23



DETAIL G
STANDARD BASE DITCH
(Not to Scale)

Min. D= 1.0 Ft.
B= 2.0 Ft.

FROM -L- STA. 14+00 TO STA. 14+17 RT
DDE =8 CY

FOR -L- PROFILE, SEE SHEET 11

U-5951

4

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
ONSLOW COUNTY

ROADWAY DESIGN UNIT

ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

PREPARED BY

RS&H
8521 SIX FORKS ROAD, SUITE 400
RALEIGH, NC 27615
NC FIRM LICENSE No: F-0493

REVISIONS

$$$-USER NAME-$$$ - $$$-DATE-$$$

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
ONSLOW COUNTY

ROADWAY DESIGN UNIT

ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

PREPARED BY
RS&H

CUR DATA -L-
PIc 19+69.87
Δc = 04°37'23.1" (LT)
D = 02°17'30.6"
Lc = 201.72
Tc = 100.91
R = 2,500

CUR DATA -L-
PIc 25+55.29
Δc = 04°02'21.6" (RT)
D = 02°17'30.6"
Lc = 176.25
Tc = 88.16
R = 2,500

CUR DATA -LSB-
PIc 19+29.71
Δc = 06°05'10.7" (LT)
D = 01°54'35.5"
Lc = 318.68
Tc = 159.49
R = 3,000
SE = 03
RO = 84'

CUR DATA -LSB-
PIc 23+59.34
Δc = 23°22'57.4" (RT)
D = 31°49'51.6"
Lc = 73.46
Tc = 37.25
R = 180
SE = 025

CUR DATA -LSB-
PIc 25+57.88
Δc = 17°53'08.5" (LT)
D = 23°52'23.7"
Lc = 74.92
Tc = 37.77
R = 240
SE = 025

CUR DATA -LNB-
PIc 23+33.05
Δc = 27°41'33.1" (LT)
D = 20°27'46.0"
Lc = 135.33
Tc = 69.01
R = 280
SE = 025

CUR DATA -LNB-
PIc 25+49.15
Δc = 27°04'40.1" (RT)
D = 28°38'52.4"
Lc = 94.52
Tc = 48.16
R = 200
SE = 025

SPI DATA -Y1B-
PIs 14+10.64
θs = 01°19'40.4"
Ls = 108
LT = 72.00
ST = 36.00

CUR DATA -Y1B-
PIc 19+12.19
Δc = 22°35'54.1" (RT)
D = 02°27'32.6"
Lc = 918.99
Tc = 465.55
R = 2,330
SE = 06
RO = 162'

SPI DATA -RPC-
PIs 13+49.91
θs = 07°09'43.1"
Ls = 200
LT = 133.44
ST = 66.77

SPI DATA -RPC-
PIs 16+17.54
θs = 22°12'27.6"
Ls = 200
LT = 134.40
ST = 67.64

CUR DATA -RPC-
PIc 17+54.46
Δc = 30°54'21.6" (LT)
D = 22°12'27.6"
Lc = 139.17
Tc = 71.32
R = 258
SE = 04
RO = 88'

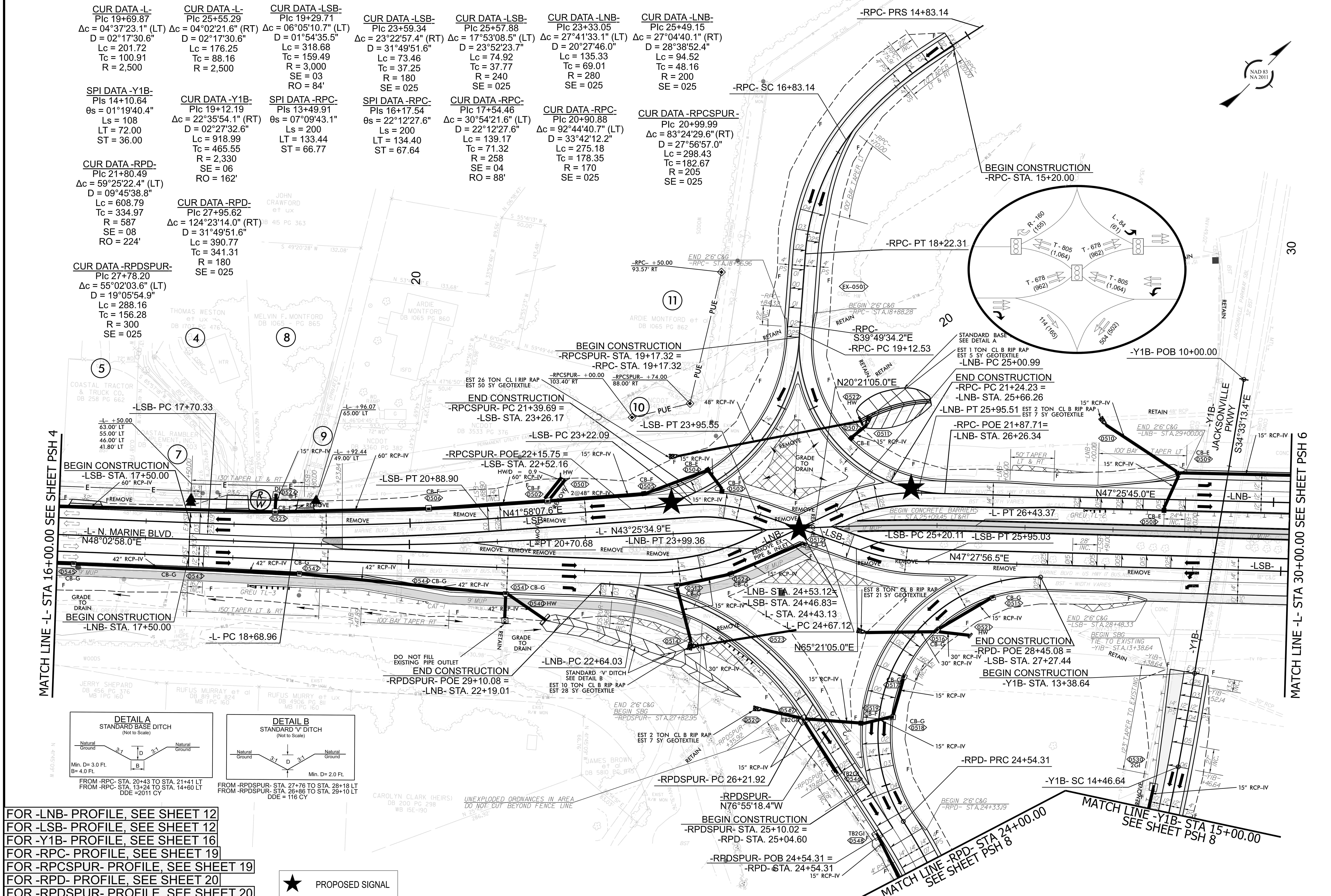
CUR DATA -RPC-
PIc 20+90.88
Δc = 92°44'40.7" (LT)
D = 33°42'12.2"
Lc = 275.18
Tc = 178.35
R = 170
SE = 025

CUR DATA -RPCSPUR-
PIc 20+99.99
Δc = 83°24'29.6" (RT)
D = 27°56'57.0"
Lc = 298.43
Tc = 182.67
R = 205
SE = 025

CUR DATA -RPD-
PIc 21+80.49
Δc = 59°25'22.4" (LT)
D = 09°45'38.8"
Lc = 608.79
Tc = 334.97
R = 587
SE = 08
RO = 224'

CUR DATA -RPD-
PIc 27+95.62
Δc = 124°23'14.0" (RT)
D = 31°49'51.6"
Lc = 390.77
Tc = 341.31
R = 180
SE = 025

CUR DATA -RPDSPUR-
PIc 27+78.20
Δc = 55°02'03.6" (LT)
D = 19°05'54.9"
Lc = 288.16
Tc = 156.28
R = 300
SE = 025



FOR -LNB- PROFILE, SEE SHEET 12
FOR -LSB- PROFILE, SEE SHEET 12
FOR -Y1B- PROFILE, SEE SHEET 16
FOR -RPC- PROFILE, SEE SHEET 19
FOR -RPCSPUR- PROFILE, SEE SHEET 19
FOR -RPD- PROFILE, SEE SHEET 20
FOR -RPDSPUR- PROFILE, SEE SHEET 20

REVISIONS

11/14/23

MATCH LINE -RPB- STA 16+00.00 SEE SHEET PSH 9

-RPBSPUR- PC 16+11.20 =
-RPB- STA. 16+11.20

BEGIN CONSTRUCTION
-RPBSPUR- STA. 17+03.32 =
-RPB- STA. 17+02.85

-RPB-
S64°24'29.7"E

CUT DITCH
SEE DETAIL C

TOE PROTECTION
SEE DETAIL F

LATERAL BASE DITCH
SEE DETAIL D

BEGIN 2'6" C&G
-RPB- STA 17+41.26

-RPB- PC 17+65.54

END CONSTRUCTION
-RPB- PC 20+77.97 =
-LNB- STA. 31+15.71

END 2'6" C&G
-LNB- STA 31+15.71

-LNB-
N47°25'45.0"E

-L- N. MARINE BLVD.

N47°27'56.5"E

-LSB- N47°27'56.5"E

-LSB- STA 30+00.00 SEE SHEET PSH 5

-RPA- POE 17+78.08

-LSB- PC 32+46.34

END CONSTRUCTION
-RPA- STA. 17+08.33 =
-LSB- STA. 32+58.38

RETAIN
-RPA- PC 13+62.28=
-RPASPUR- POB 13+62.28

BEGIN 2'6" C&G
-RPA- STA 13+37.22

GRADE TO DRAIN

N04°23'54.9"E

-RPA-

-RPASPUR- N04°23'54.9"E

-RPASPUR- PC 16+49.60

BEGIN 2'6" C&G
-RPASPUR- STA 16+25.35

BEGIN CONSTRUCTION
-RPASPUR- STA. 14+48.00 =
-RPA- STA. 14+41.74

-RPASPUR- POE 18+78.19=
-LNB- STA. 37+57.47

END CONSTRUCTION
-RPASPUR- POC 17+86.59 =
-LNB- STA. 36+67.72

END COSNTRUCTION
-RPBSPUR- STA. 22+72.45 =
-LSB- STA. 37+33.06

BEGIN 2'6" C&G
-LSB- STA 37+39.35

-LSB- PRC 42+63.12

-LSB- N48°07'23.1"E

-LSB- PT 37+83.63

-LSB- PC 40+21.55

-L- PC 34+95.48

-LNB- STA. 34+54.78=
-LSB- STA. 34+42.91=
-L- STA. 34+28.97

-LNB- PT 36+76.83

-L- PRC 40+35.85

N48°03'26.0"E

-LSB- STA 42+50.00 SEE SHEET PSH 7

-LSB- PT 33+75.09
-LNB- PC 35+18.21

N29°01'21.3"E

-LSB- PC 35+16.94

N74°01'21.3"E

-LNB- PT 34+09.72
-LNB- PC 33+38.34

END 2'6" C&G
-LSB- STA 31+41.22

-LSB- PC 35+16.94

-LNB- PT 34+09.72
-LNB- PC 33+38.34

-RPB- PT 10+59.74

BEGIN CONSTRUCTION
-RPA- STA. 10+70.00

-RPBSPUR- + 84.71
140.00' LT

-L- +44.00
240.00' LT
225.00' LT

-L- +65.00
239.00' LT
224.00' LT

-L- +38.00
217.00' LT

-L- +33.00
202.00' LT

-L- +59.00
211.00' LT

-L- +55.00
196.00' LT

-L- +26.00
167.87' LT

82 (202)
50 (84)
T - 680 (821)
T - 1,190 (1,317)
L - 119 (249)
R - 455 (709)

NAD 83 NA 2011

TIMBERED WOODS
MEDIAN OF JACKSONVILLE BYP. (SOUTH)
MB 85 PG 89
R M TALLMAN HEIRS
DB 6199 PG 444
MB 85 PG 73
PAVED DITCH
MARINE BLVD
HWY 17 BUS
PERMANENT UTILITY EASEMENT
JACKSONVILLE PARKWAY
SIGNAL
CONC CURB & GUTTER
ROCK

EST 26 TON CL I RIP RAP
EST 50 SY GEOTEXTILE

EST 15 TON CL B RIP RAP
EST 37 SY GEOTEXTILE

EST 2 TON CL B RIP RAP
EST 7 SY GEOTEXTILE

EST 3 TON CL B RIP RAP
EST 10 SY GEOTEXTILE

EST 3 TON CL B RIP RAP
EST 11 SY GEOTEXTILE

EST 2 TON CL B RIP RAP
EST 7 SY GEOTEXTILE
15" RCP-IV

EST 2 TON CL
B RIP RAP
EST 7 SY
GEOTEXTILE
15" RCP-IV

48" RCP-IV
42" RCP-IV
30" RCP-IV
18" RCP-IV
15" RCP-IV

CB-E
CB-F
CB-G
JB W/ MH

RETAIN
REMOVE
EX-060
EX-0602

0600 0601 0602 0603 0604 0605 0606 0607 0608 0609 0610 0611 0612 0613 0614 0615 0616 0617 0618 0619 0620 0621 0622 0626

STANDARD 'V' DITCH
SEE DETAIL B

LATERAL 'V' DITCH
SEE DETAIL E

50' TAPER LT & RT
100' BAY TAPER
150' BAY TAPER LT
150' BAY TAPER RT
100' TAPER LT & RT
200' TAPER LT & RT
956' STORAGE RT

9' MUP

END CONCRETE BARRIERS
-L- STA 31+61.01 LT & RT

28' INC.

DETAIL B
STANDARD 'V' DITCH
(Not to Scale)
Natural Ground
3:1
D
Natural Ground
Min. D= 2.0 Ft.

FROM -RPA- STA. 13+17 TO 13+67 LT
FROM -RPA- STA. 13+17 TO 15+24 LT
FROM -RPA- STA. 15+30 TO 16+24 RT
FROM -RPA- STA. 14+00 RT
FROM -RPASPUR- STA. 15+22 TO 16+10 RT
DDE = 1405 CY

DETAIL C
CUT DITCH
(Not to Scale)
Natural Ground
3:1
D
3:1
Front Ditch Slope
Min. D= 1.0 Ft.

FROM -RPBSPUR- STA. 16+11 TO 19+99 LT
FROM -RPASPUR- STA. 14+03 TO 16+64 RT

DETAIL E
LATERAL 'V' DITCH
(Not to Scale)
Natural Ground
3:1
D
3:1
Fill Slope
Min. D= 1.0 Ft.

FROM -RPA- STA. 15+23 TO 16+15 LT

DETAIL D
LATERAL BASE DITCH
(Not to Scale)
Natural Ground
3:1
D
3:1
Fill Slope
B
Min. D= 4.0 Ft.
B= 2 Ft.

FROM -RPBSPUR- STA. 19+99 TO 22+73 LT
FROM -LSB- STA. 37+33 TO 41+80 LT

DETAIL F
TOE PROTECTION
(Not to Scale)
Natural Ground
b
2:1 or Flatter Fill Slope
d
Geotextile
d= 1 Ft.
b= 1 Ft.
Type of Liner= Class B Rip-Rap

FROM -RPB- STA. 13+82 TO 14+46 LT
FROM -RPB- STA. 16+00 TO 17+20 RT

CUR DATA -L-
Plc 37+65.79
Δc = 04°17'17.6" (RT)
D = 00°47'36.9"
Lc = 540.37
Tc = 270.31
R = 7,220

CUR DATA -L-
Plc 42+68.85
Δc = 03°41'48.2" (LT)
D = 00°47'36.9"
Lc = 465.83
Tc = 233.00
R = 7,220

CUR DATA -LSB-
Plc =33+11.28
Δc = 18°26'35.2" (LT)
D = 14°19'26.2"
Lc = 128.76
Tc = 64.94
R = 400
SE = 025

CUR DATA -RPB-
Plc 41+43.02
Δc = 14°56'49.3" (RT)
D = 06°11'14.8"
Lc = 241.57
Tc = 121.47
R = 926
SE = 04
RO = 112'

CUR DATA -RPB-
Plc 20+02.23
Δc = 111°53'00.5" (RT)
D = 35°48'35.5"
Lc = 312.44
Tc = 236.69
R = 160
SE = 04
RO = 96'

CUR DATA -RPBSPUR-
Plc 19+91.96
Δc = 71°04'54.7" (LT)
D = 10°44'58.4"
Lc = 661.25
Tc = 380.76
R = 533
SE = 04
RO = 112'

CUR DATA -LSB-
Plc 43+85.14
Δc = 15°00'46.3" (LT)
D = 06°11'14.8"
Lc = 242.63
Tc = 122.02
R = 926
SE = 04
RO = 112'

CUR DATA -RPA-
Plc 18+03.25
Δc = 136°55'58.4" (LT)
D = 32°55'43.0"
Lc = 415.85
Tc = 440.97
R = 174
SE = 04
RO = 112'

CUR DATA -RPBSPUR-
Plc 17+69.77
Δc = 43°39'31.1" (RT)
D = 19°05'54.9"
Lc = 228.60
Tc = 120.17
R = 300
SE = 025

CUR DATA -LSB-
Plc 36+51.53
Δc = 19°06'01.8" (RT)
D = 07°09'43.1"
Lc = 266.69
Tc = 134.60
R = 800
SE = 025

CUR DATA -RPA-
Plc 10+29.87
Δc = 01°54'06.0" (RT)
D = 03°10'59.2"
Lc = 59.74
Tc = 29.87
R = 1800
SE = 03
RO = 84'

CUR DATA -LNB-
Plc 33+74.69
Δc = 26°35'36.3" (RT)
D = 37°12'18.2"
Lc = 71.48
Tc = 36.39
R = 154
SE = 025

CUR DATA -LNB-
Plc 35+98.91
Δc = 25°57'55.3" (LT)
D = 16°22'12.8"
Lc = 158.61
Tc = 80.69
R = 350
SE = 025

★ PROPOSED SIGNAL

FOR -LNB- PROFILE, SEE SHEETS 12 & 13
FOR -LSB- PROFILE, SEE SHEETS 12 & 13
FOR -RPA- PROFILE, SEE SHEET 18
FOR -RPASPUR- PROFILE, SEE SHEET 18
FOR -RPB- PROFILE, SEE SHEET 18
FOR -RPBSPUR- PROFILE, SEE SHEET 19

REVISIONS

U-5951
6

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
ONSLOW COUNTY

ROADWAY DESIGN UNIT

ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

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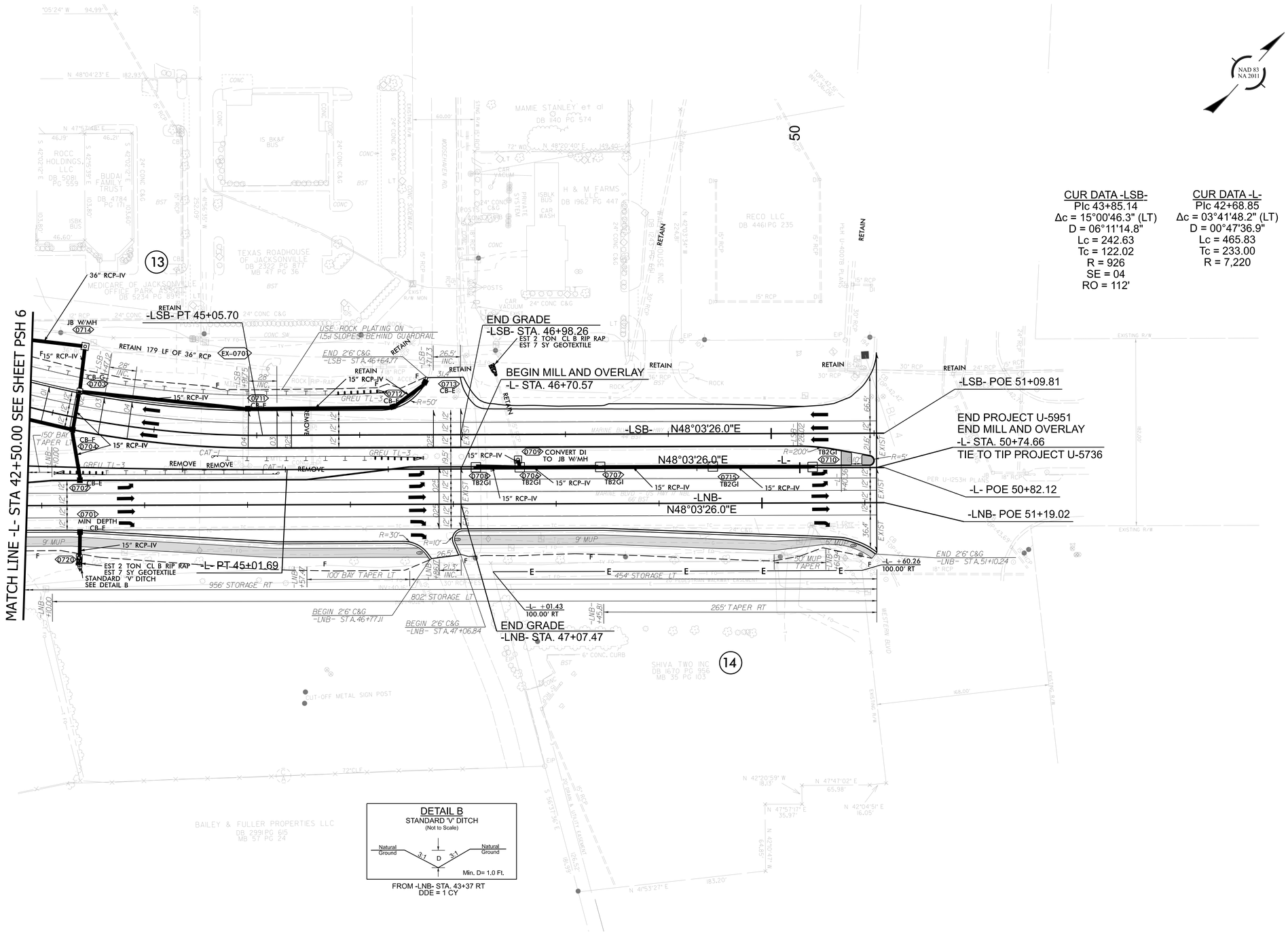
INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION
PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

PREPARED BY
RS&H
8521 SIX FORKS ROAD, SUITE 400
RALEIGH, NC 27615
NC FIRM LICENSE No: F-0493

$$$-USER NAME-$$$ - $$$-DATE-$$$

11/14/23



CUR DATA -LSB-
PIc 43+85.14
Δc = 15°00'46.3" (LT)
D = 06°11'14.8"
Lc = 242.63
Tc = 122.02
R = 926
SE = 04
RO = 112'

CUR DATA -L-
PIc 42+68.85
Δc = 03°41'48.2" (LT)
D = 00°47'36.9"
Lc = 465.83
Tc = 233.00
R = 7,220

NAD 83
NA 2011

FOR -LNB- PROFILE, SEE SHEETS 13 & 14
FOR -LSB- PROFILE, SEE SHEETS 13 & 14

U-5951
7

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
ONSLOW COUNTY

ROADWAY DESIGN UNIT

ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

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RS&H
8521 SIX FORKS ROAD, SUITE 400
RALEIGH, NC 27615
NC FIRM LICENSE No: F-0493

REVISIONS

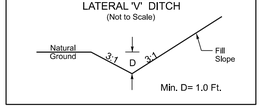
$$$-USER NAME-$$$ - $$$-DATE-$$$

11/14/23

SPI DATA -Y1B-	CUR DATA -Y1B-
PIs 24+01.63	PIc 19+12.19
θs = 01°19'40.4"	Δc = 22°35'54.1" (RT)
Ls = 108	D = 02°27'32.6"
LT = 72.00	Lc = 918.99
ST = 36.00	Tc = 465.55
	R = 2,330
	SE = 06
	RO = 162'

SPI DATA -RPD-	CUR DATA -RPD-
PIs 17+89.64	PIc 21+80.49
θs = 08°11'56.6"	Δc = 59°25'22.4" (LT)
Ls = 168	D = 09°45'38.8"
LT = 112.12	Lc = 608.79
ST = 56.11	Tc = 334.97
	R = 587
	SE = 08
	RO = 224'

DETAIL E
LATERAL 'V' DITCH
(Not to Scale)



FROM -RPD- STA. 20+10 TO 22+00 LT

NAD 83
NA 2011

MATCH LINE -RPD- STA 24+00.00
SEE SHEET PSH 5

MATCH LINE -Y1B- STA 15+90.00
SEE SHEET PSH 5

BEGIN SBG
-Y1B- STA.10+00.00
TIE TO EXISTING
-RPD- STA.10+00.00

EST 2 TON CL B RIP RAP
EST 7 SY GEOTEXTILE

BEGIN CONSTRUCTION
-RPD- PT 10+00.00

-RPD- SC 18+45.48

-RPD- TS 16+77.52

-Y1B- ST 24+73.63

-Y1B- CS 23+65.53

END CONSTRUCTION
-Y1B- PT 29+08.40 =
-RPD- STA. 10+99.48

END CONCRETE BARRIER
-Y1B- STA.27+57.89

BEGIN CONCRETE BARRIER
-Y1B- STA.20+45.26

END SBG
-Y1B- STA.18+19.25

UNEXPLODED ORDNANCES IN AREA
DO NOT CUT BEYOND FENCE LINE

LATERAL 'V' DITCH
SEE DETAIL E

TIE 0803 INTO
EXISTING 24" RCP

EST 8 TON CL B RIP RAP
EST 21 SY GEOTEXTILE

300' TAPER LT

100' TAPER LT & RT

20' TAPER
LT & RT

117' SHOULDER TAPER

PLUG AND FILL

CONVERT CB
TO JB W/MH

CONVERT DI
TO JB W/MH

ADJUST DI

N09°17'58.5"W
-RPD-

S09°17'58.5"E
-Y1B- JACKSONVILLE PKWY

15" RCP-IV
24" RCP-IV
30" RCP-IV

RETAIN
REMOVE

ROSE M. PETERS
DB 2IE PG 472

RICHARD PETERS ET UX
DB 3516 PG 237

JAY MAREADY
DB 4654 PG 381
MB 30 PG 192

NCDOT
DB 1844 PG 239
MB 47 PG 91

FOR -Y1B- PROFILE, SEE SHEET 16
FOR -RPD- PROFILE, SEE SHEET 20

U-5951
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NORTH CAROLINA
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ONSLOW COUNTY

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REVISIONS

11/14/23

U-5951
9

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
ONSLOW COUNTY

ROADWAY DESIGN UNIT

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DO NOT USE FOR R/W ACQUISITION

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RS&H
8521 SIX FORKS ROAD, SUITE 400
RALEIGH, NC 27615
NC FIRM LICENSE No: F-0493

REVISIONS

CUR DATA -RPC-
PIc 11+43.07
Δc = 20°16'43.0" (RT)
D = 07°09'43.1"
Lc = 283.14
Tc = 143.07
R = 800

CUR DATA -RPB-
PIc 10+19.71
Δc = 00°45'43.6" (LT)
D = 01°55'59.0"
Lc = 39.42
Tc = 19.71
R = 2,964
SE = EXIST

SPI DATA -RPB-
PIs 10+96.93
θs = 04°33'21.9"
Ls = 96
LT = 57.51
ST = 38.54

CUR DATA -RPB-
PIc 13+19.29
Δc = 27°16'08.2" (LT)
D = 07°33'31.7"
Lc = 360.76
Tc = 183.86
R = 758
SE = 08
RO = 192'

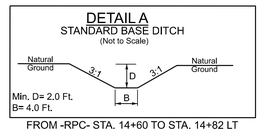
SPI DATA -RPB-
PIs 15+12.18
θs = 01°48'50.8"
Ls = 48
LT = 32.00
ST = 16.00

CUR DATA -RPC-
PIc 11+43.07
Δc = 20°16'43.0" (RT)
D = 07°09'43.1"
Lc = 283.14
Tc = 143.07
R = 800
SE = EXIST

SPI DATA -RPC-
PIs 13+49.91
θs = 07°09'43.1"
Ls = 200
LT = 133.44
ST = 66.77

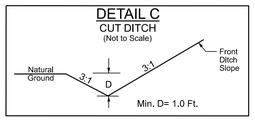
CUR DATA -Y1A-
PIc 27+57.53
Δc = 22°54'51.2" (LT)
D = 01°54'35.5"
Lc = 1,199.79
Tc = 608.02
R = 3,000
SE = EXIST

DETAIL A
STANDARD BASE DITCH
(Not to Scale)



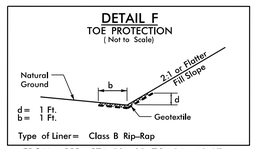
Min. D= 2.0 Ft.
B= 4.0 Ft.
FROM -RPC- STA. 14+60 TO STA. 14+82 LT

DETAIL C
CUT DITCH
(Not to Scale)



Min. D= 1.0 Ft.
FROM -RPB- STA. 15+17 TO 16+00 LT

DETAIL F
TOE PROTECTION
(Not to Scale)



d = 1 Ft.
b = 1 Ft.
Type of Liner = Class B Rip-Rap
FROM -RPB- STA. 13+82 TO 14+46 LT

NAD 83
NA 2011

ARDIE MONTFORD et al
DB 1065 PG 862
SOOOM

ALONZO PERKINS
DB 422 PG 670

VANESA PERKINS
DB 422 PG 666

NCDOT
DB 3556 PG 699
SOOOM

DB 1397 PG 323
SALLIE GUINN

LETTICE GRAHAM et vir
DB 422 PG 664

DARLENE HAGERMAN
DB 5587 PG 435

VICTORIA C. SEALY, et al
DB 6149 PG 653
MB 85 PG 73

JACKSONVILLE PARKWAY RAMP A

JACKSONVILLE PARKWAY RAMP B

FORMERLY HAWKSIDE RD

ABANDONED

REMOVE

RETAIN

STANDARD BASE DITCH
SEE DETAIL A

-RPC- CS 12+83.21

-RPC- PC 10+00.00

-Y1A- PC 33+49.30

END CONSTRUCTION
-Y1A- STA. 33+17.27 =
-RPB- STA. 12+89.93

-Y1A- +27.00
125.00' RT
116.71' RT

EST 51 TONS CLASS "I" RIP RAP
EST 68 SY OF GEOTEXTILE

-Y1A- +75.00
124.00' RT
115.36' RT

PDE

2@7'x7' RCBC

MATCH LINE -Y1A- STA 24+00.00 SEE SHEET PSH 10

300' LANE TAPER & SHIFT LT

-RPB-

GRADE TO DRAIN

0902 HW

COLLAR AND EXTEND 46 LF OF 2@42" RCP

TOE PROTECTION SEE DETAIL F

18" RCP-III
EST 2 TON CL B RIP RAP
EST 7 SY GEOTEXTILE

-RPB- CS 14+96.18

100' TAPER LT

-RPB- ST 15+44.18

S64°24'29.7"E

MATCH LINE -RPB- STA 16+00.00 SEE SHEET PSH 6

BEGIN CONSTRUCTION
-RPB- PC 10+00.00 =
-Y1A- STA. 30+21.18

-RPB- CS 10+39.42

-RPB- SC 11+35.42

TRADE ST. TO BE RELOCATED.
EXISTING ROW TO BE ABANDONED

-Y1A- +52.23
99.22' LT

-Y1A- +48.79
100.00' LT

END SBG
-Y1A- STA 25+39.81

-Y1A- +17.00
120.00' LT
100.00' LT

EST 1 TON CL B RIP RAP
EST 5 SY GEOTEXTILE

0904 2GI

15" RCP-III

0905

-Y1A- +00.00
120.00' LT
115.00' LT
100.00' LT

GMP MHP LLC & 513 HIBRITEN APARTMENTS LLC
DB 6431 PG 444
MB 89 PG 123

DB 6399 PG 444
MB 85 PG 73
R M TALLMAN HEIRS

EVANS PROPERTIES OF THE CAROLINAS LLC
DB 6239 PG 812

FOR -Y1A- PROFILE, SEE SHEET 15
FOR -RPB- PROFILE, SEE SHEET 18

BEGIN CONSTRUCTION
-Y1A- PT 20+05.88

-Y2- POB 10+00.00=
-Y1A- STA. 20+61.68

BEGIN CONSTRUCTION
-Y2- STA. 10+35.49 =
-Y1A- ST. 20+61.68

-Y1A- JACKSONVILLE PKWY

RETAIN

-Y2- PC 13+05.52

N 66°55.3"E

-Y2- PT 15+65.85

-Y2- S71°17'47.4"E

-Y2- PC 18+73.33

-Y2- PT 23+87.92

N47°54'47.1"E

-Y2- PT 25+78.18

END CONSTRUCTION
-Y2- STA. 25+42.69

MATCH LINE
-Y1A- STA 24+00.00
SEE SHEET PSH 9

BEGIN SBC
-Y1A- STA 23+73.76

EST 38 TONS OF CLASS "I" RIP RAP
EST 53 SY OF GEOTEXTILE

EST 47 TONS CLASS "I" RIP RAP
EST 64 SY OF GEOTEXTILE

EST 43 TONS OF CLASS "I" RIP RAP
EST 63 SY OF GEOTEXTILE

2@7'x7' RCBC

LATERAL 'V' DITCH
SEE DETAIL E

STANDARD 'V' DITCH
SEE DETAIL B

30" RCP-IV

REMOVE

EX-1002

1001

TRADE ST.TO BE RELOCATED.
EXISTING ROW TO BE ABANDONED

GMP MFH LLC & 513 HIBRITEN APARTMENTS LLC

DEAN HAUGEN et al

JAMES BROWN et al

R M TALLMAN HEIRS

DETAIL B
STANDARD 'V' DITCH
(Not to Scale)

Natural Ground, 3:1, D, 3:1, Natural Ground
Min. D= 2.0 Ft.

FROM -Y2- STA. 22+47 RT
DDE = 216 CY

DETAIL E
LATERAL 'V' DITCH
(Not to Scale)

Natural Ground, 3:1, D, 3:1, Fill Slope
Min. D= 1.0 Ft.

FROM -Y2- STA. 12+25 TO 16+77 RT
FROM -Y2- STA. 16+77 TO 22+47 RT
FROM -Y2- STA. 18+00 TO 22+38 LT

CUR DATA -Y1A-
PIc 27+57.53
Δc = 22°54'51.2" (LT)
D = 01°54'35.5"
Lc = 1,199.79
Tc = 608.02
R = 3,000
SE = EXIST

CUR DATA -Y2-
PIc 14+38.90
Δc = 30°45'17.2" (RT)
D = 11°48'48.8"
Lc = 260.33
Tc = 133.39
R = 485
SE = 06
RO = 126'

CUR DATA -Y2-
PIc = 21+57.83
Δc = 60°47'25.5"(LT)
D = 11°48'48.8"
Lc = 514.58
Tc =284.49
R =485
SE = 06
RO = 126'

NAD 83
NA 2011

FOR -Y1A- PROFILE, SEE SHEET 15
FOR -Y2- PROFILE, SEE SHEET 17

U-5951
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NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
ONSLOW COUNTY

ROADWAY DESIGN UNIT

ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

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PREPARED BY
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NC FIRM LICENSE No: F-0493

REVISIONS