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8/17/99

PROJECT REFERENCE NO.	SHEET NO.
I-5987A	16
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
5/18/2022
NORTH CAROLINA PROFESSIONAL SEAL 017265 ENGINEER STEVEN ANTHONY DRUM
DocuSigned by: Steve Anthony Drum
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

HYDRAULICS ENGINEER
5/19/2022
NORTH CAROLINA PROFESSIONAL SEAL 036188 ENGINEER WILL NEELY WEATHERSBEE
DocuSigned by: Will Weathersbee
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NV5 ENGINEERS & CONSULTANTS, INC.
7500 E. INDEPENDENCE BLVD, STE 100
CHARLOTTE, NC 28227
P: 704.537.7300 www.NV5.com
NC License # F-1333

NAD 83/NA 2011

MATCHLINE -L- STA. 256+00 SEE SHEET 15

MATCHLINE -L- STA. 270+00 SEE SHEET 17

N 22°07'23" E 176.20'
S 10°18'45" W 180.04'
RICKY BLANKS DB 576 PG 348
ISFD
S 89°09'37" E 197.70'
WOODROW BLANKS DB 460 PG 203
48" CMP
48" CHL
06°09'23" W 228.72'
CULTIVATED
260
265
270
10
62
RICKY BLANKS DB 1957 PG 755
S 8°16'27" E 245.48'
-L- PC Sta. 261+86.18
-Y1ARPB- CS Sta. 10+00.00
-L- POC Sta. 267+34.10
OFF 61.00' LT
WOODS
63
MARY BURNETTE DB 2057 PG 126
-Y1ARPB- SC Sta. 11+25.00
BILLBOARD
SPECIAL LATERAL V DITCH SEE DETAIL Q
SPECIAL LATERAL V DITCH SEE DETAIL M
SPECIAL LATERAL V DITCH SEE DETAIL B
+50 157' EX R/W, 145.67'
RIP RAP AT EMBANKMENT SEE DETAIL L
+50 157' EX R/W, 144.07'
SPECIAL LATERAL V DITCH SEE DETAIL M
+10 160' EX R/W, 146.55'
+18.86-Y1ARPB- EX R/W, 104.90'
BEG 47" WW FENCE W/1SBW
48" WW 1SBW
PDE
BEG 47" WW FENCE W/1SBW
+98 160' EX R/W, 143.20'
END 47" WW FENCE W/1SBW
25' TYP
12' PS
I-95 SB 41' BST
60'
13'
N 2° 19' 52.4" E
TB 2GI 1605
TB 2GI 1601
TB 2GI 1607
18" RCP-IV
15"RCP-IV
15" RCP-IV
TB 2GI 1606
TB 2GI 1608
TB 2GI 1602
PROP. TYPE T BARRIER
-L-
TB 2GI 1603
TB 2GI 1611
TB 2GI 1609
TB 2GI 1610
TB 2GI 1604
TB 2GI 1612
FLOWABLE FILL
TRENCHLESS INSTALLATION 18" WELDED STEEL
I-95 NB 37' BST
8:1 TAPER
11.67' PS
GREU TL-3
BEG SBG +07.10
BL 122
BM#11 BLA STA 254+48 35' RT ELEV 146.32'
1613
1614
TOE PROTECTION SEE DETAIL AH
RIP RAP PAD IN JS SEE DETAIL AR
CLASS 'B' RIP RAP EST. 3 TONS EST. 10 SY GT
RIP RAP AT EMBANKMENT SEE DETAIL L
SPECIAL LATERAL V DITCH SEE DETAIL M
TAIL V DITCH SEE DETAIL S
CLASS 'B' RIP RAP EST. 3 TONS EST. 10 SY GT
61
NO CLAIM
DANIEL MAINS DB 1742 PG 230
WOODS
64
MARY BURNETTE DB 2057 PG 126
-Y1ARPC- CS Sta. 10+00.00
-L- POC Sta. 269+91.34
OFF 61.00' RT
N 87°17'04" W 404.30'

-L-
PI Sta 267+55.38
Δ = 1° 50' 13.9" (LT)
D = 0° 09' 41.0"
L = 1,138.30'
T = 569.20'
R = 35,500.00'
DS = 75 mph
e = NC

-Y1ARPB-
PIs Sta 10+83.33
Θs = 1° 03' 00.5"
Ls = 125.00'
LT = 83.33'
ST = 41.67'

PI Sta 13+12.80
Δ = 6° 18' 16.1" (LT)
D = 1° 40' 48.8"
L = 375.22'
T = 187.80'
R = 3,410.00'
DS = 65 mph
e = 05
RO = 125.00'

-Y1ARPC-
PIs Sta 11+16.68
Θs = 2° 16' 43.7"
Ls = 175.00'
LT = 116.68'
ST = 58.34'

FOR -L- PROFILE SEE SHEET 54
FOR -Y1ARPB- PROFILE SEE SHEET 85
FOR -Y1ARPC- PROFILE SEE SHEET 86
FOR DITCH DETAILS SEE SHEETS 2D-1 AND 2D-2

3/30/2022
R:\Roadway\Proj\I5987A_RDY_PSH_016.dgn
David Pond