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8/17/99

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

PROJECT REFERENCE NO.	SHEET NO.
B-5818	6
RW SHEET NO.	

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 039234 NIKKI T. HONEYCUTT 1/15/2021 ENGINEER

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 029388 EDWARD J. VANCE 1/15/2021 ENGINEER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-L-
PI Sta 18+41.53 △ = 21° 37' 31.7" (LT) D = 2° 47' 41.7" L = 773.74' T = 391.53' R = 2,050.00' RUNOFF = 150' SE = 5%

NA 2011 NAD 83

MATCHLINE -L- STA 21+00 (SHEET 5)

MATCHLINE -L- STA 26+00 (SHEET 7)

22+00 23+00 24+00 25+00

PT Sta. 22+23.74

BM-2 +28.00 80.43'

BL-3 +45.17 59.63'

SPECIAL CUT DITCH 21+00 TO 25+00 LT 280 SY PSRM (SEE DETAIL B)

SPECIAL LATERAL BASE DITCH 25+00 TO 26+00 LT 75 SY PSRM (SEE DETAIL G)

1Z SHADYS SENSATION, LLC DB 1023 PG 71

WOODS

EXISTING R/W

Windstream Communications Inc., 25 PR, QLC

NC HWY 109

BST

15" RCP

5.5' CONC. HW

8' 7 UNK. TYPE

+23.74 EX. ROW 75.28

+77.00 EX. ROW 75.24

+00.00 EX. ROW 75.24

+78.64

N 34° 26' 25.1" E -L- NC 109

30' TYP.

+03.74

+16.17

R=2087'

9.5'

GREU TL-3

8:1

50:1

6:1

15" RCP-III

<0601> 2GI

<0602>

PDE

+12.96 60.54

+47.00 59.48

+22.68 60.59

+12.91 75.80

+22.55 75.86

+90.00 58.23

+50.00 80.00

+24.00 108.00

+23.74 37.00

+45.00 37.00

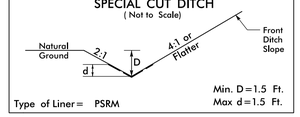
+90.00 57.54

+88.00 104.00

SPECIAL CUT BASE DITCH STA. 21+00 TO 25+50 RT 415 SY PSRM (SEE DETAIL D)

SPECIAL CUT BASE DITCH STA. 25+50 TO 26+00 RT EST. 35 TON CL-I RIPRAP EST. 50 SY GEOTEXTILE (SEE DETAIL F)

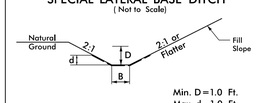
DETAIL B
SPECIAL CUT DITCH
(Not to Scale)



Min. D=1.5 Ft.
Max d=1.5 Ft.
Type of Liner= PSRM

FROM -L- STA. 21+00 TO STA. 25+00 LT

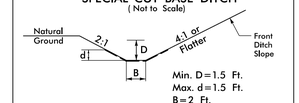
DETAIL G
SPECIAL LATERAL BASE DITCH
(Not to Scale)



Min. D=1.0 Ft.
Max. d=1.0 Ft.
B=2 Ft.
Type of Liner= PSRM

FROM STA. 25+00 LT TO STA. 26+00 LT

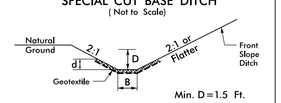
DETAIL D
SPECIAL CUT BASE DITCH
(Not to Scale)



Min. D=1.5 Ft.
Max. d=1.5 Ft.
B=2 Ft.
Type of Liner= PSRM

FROM -L- STA. 21+00 TO STA. 25+50 RT

DETAIL F
SPECIAL CUT BASE DITCH
(Not to Scale)



Min. D=1.5 Ft.
Max. d=1.5 Ft.
B=2 Ft.
Type of Liner= CL-I Rip-Rap

FROM -L- STA. 25+50 TO STA. 26+00 RT

SEE SHEET 12 FOR -L- PROFILE

1/15/2021
C:\Projects\proj\sh\B5818_rdy_pst06.dgn
MicroStation