PROJECT REFERENCE NO.	SHEET NO.
R-2514B	23
R/W SHEET NO.	

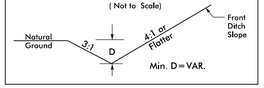
ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 033871 ENGINEER DANIEL W. GARDNER JR.
4/16/2025
DocuSigned by: Daniel W. Gardner Jr.

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 019660 ENGINEER DANIEL ATKINSON
4/16/2025
DocuSigned by:

REVISIONS
8/17/99

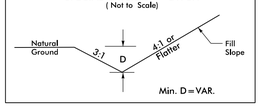
NAD 83/NSRS 2007

DETAIL H
SPECIAL CUT DITCH
(Not to Scale)



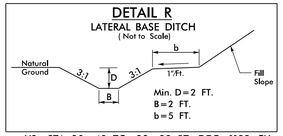
-Y3- STA. 26+00 TO 28+00 RT.
-Y3- STA. 26+50 TO 28+00 LT.
-Y3B- STA. 11+50 TO 13+08 RT.
-Y3B- STA. 11+50 TO 13+08 LT.

DETAIL A
SPECIAL LATERAL 'V' DITCH
(Not to Scale)



-Y3- STA. 24+46 TO 26+00 RT.
-Y3B- STA. 10+84 TO 11+50 RT.
-Y3B- STA. 10+54 TO 11+50 LT.
-Y3C- STA. 11+88 TO 13+50 RT.

DETAIL R
LATERAL BASE DITCH
(Not to Scale)



-Y3- STA. 20+40 TO 23+38 RT., DDE=1122 CY

-Y3-
PI Sta 20+20.29
△ = 9° 18' 42.4" (RT)
D = 1° 08' 45.3"
L = 812.60'
T = 407.20'
R = 5,000.00'
SE = 0.02

-Y3C-
PI Sta 10+82.52
△ = 78° 00' 18.3" (LT)
D = 114° 35' 29.6"
L = 68.07'
T = 40.49'
R = 50.00'
SE = See Plans

PI Sta 12+32.41
△ = 12° 52' 03.4" (LT)
D = 19° 05' 54.9"
L = 67.37'
T = 33.83'
R = 300.00'
SE = .03
RO = 45'

PT Sta. 12+65.95 -Y3C-
PC Sta. 11+98.58 -Y3C-
SPECIAL LATERAL 'V' DITCH SEE DETAIL A
+65.95 -Y3C- 30.00' Rt.
+75.00 -Y3C- 30.00', 68.00', 78.00', 88.00' Rt.
PT Sta. 11+10.10 -Y3C-
+98.58 -Y3C- 30.00' Rt.
+29.00 -Y3C- 30.00', 59.00', 94.00' Rt.
+10.10 -Y3C- 30.00' Rt.
+05.00 -Y3C- 53.00' Rt.
PC Sta. 10+42.03 -Y3C-
POT Sta. 28+37.14 -Y3-
MATCHLINE SHEET 19 -Y3C- STA. 13+00.00
MATCHLINE SHEET 19 -Y3- STA. 22+00.00
CL B RIP RAP=2 TONS GEOTEXTILE=45 SY
PUE
PDE
N 29° 28' 07.9" W
+75.00 -Y3C- 47.00' Rt.
+44.00 -Y3C- 30.00' Rt.
+58.00 -Y3- 45.00' Lt.
J. C. LAROQUE, HEIRS DB 109 PG 559
34
END CONST.
POT Sta. 28+00.00 -Y3-
PT Sta. 24+25.69 -Y3-
AT-1 30'R
+00.00 -Y3- 30.00', 45.00' Lt.
SPECIAL CUT DITCH SEE DETAIL H
-BY4- 78
-BY4- 80
KATHLEEN LAROQUE, ET AL WB 04 E95 NO CLAIM
103.49'
S 43°01'35" E 210.00'
N 46°58'25" E 178.58'
N 46°58'25" E 180.00'
SR 1116 WHITE OAK RIVER RD 20' BST
S 41° 09' 43.1" E
EXISTING R/W
24'
60.00'
4' PS
END SBG -Y3- STA. 23+35 RT.
LATERAL 2' BASE DITCH SEE DETAIL R
30'R
20'R
AT-1
CL B RIP RAP=5 TONS GEOTEXTILE=14 SY
24" RCP-IV
15" RCP
+90.00 -Y3- Prop. R/W
+15.00 -Y3- 110.00' Rt.
+61.00 -Y3- 83.85' Rt.
+67.00 -Y3- 45.00' Rt.
SPECIAL LATERAL 'V' DITCH SEE DETAIL A
SPECIAL CUT DITCH SEE DETAIL H
TAPER LT & RT
50'
+00.00 -Y3- 30.00', 45.00' Rt.
-BY4- 79
POC Sta. 24+00.00 -Y3-
POT Sta. 10+00.00 -Y3B-
POT Sta. 10+00.00 -Y3C-
27
PC Sta. 12+36.23 -Y3B-
DAVID NELSON JOHNSON DB 332 PG 622 MC "C" SLIDE 12 PG 5
+48.00 -Y3B- 33.00' Rt.
+36.00 -Y3B- 30.00' Lt.
PT Sta. 13+08.14 -Y3B-
+20.00 -Y3B- 24.00' Lt.
END CONST.
POT Sta. 13+10.00 -Y3B-
POT Sta.210+62.36 -L- OFFSET = 211.63' RT
POT Sta. 13+94.13 -Y3B-
+20.00 -Y3B- 27.00' Rt.
MATCHLINE SHEET 18
25'
S 0° 06' 16.5" W
S 55° 02' 31.4" W
MAYSVILLE CITY LIMITS
FOUND
KATHLEEN LAROQUE, ET AL WB 04 E95 NO CLAIM
LESTER L. HANSLEY JR. ET UX DB 321 PG 242 NO CLAIM
8" HDPE
36" WD RAIL
60" WD
ISFBUS
GREENHOUSE
GR PA
HTR
SOIL
EIP
PK O
36" WW
S 46°49'37" W 189.69'
S 46°55'16" W 189.41'
S 43°12'42" E 79.97'

-Y3A-
PI Sta 10+58.89
△ = 35° 16' 30.2" (LT)
D = 57° 17' 44.8"
L = 61.57'
T = 31.79'
R = 100.00'
SE = See Plans
RO = See Plans

-Y3B-
PI Sta 12+75.22
△ = 54° 56' 14.9" (LT)
D = 76° 23' 39.7"
L = 71.91'
T = 38.99'
R = 75.00'
SE = NC

-Y3D-
PI Sta 10+85.00
△ = 90° 00' 00.0" (RT)
D = 190° 59' 09.4"
L = 47.12'
T = 30.00'
R = 30.00'
SE = NC

PI Sta 12+19.55
△ = 118° 02' 43.6" (LT)
D = 114° 35' 29.6"
L = 103.01'
T = 83.29'
R = 50.00'
SE = NC

SBG = SHOULDER BERM GUTTER
SEE SHEET 37-38 FOR -Y3- PROFILE
SEE SHEET 40 FOR -Y3B- PROFILE
SEE SHEET 40 FOR -Y3C- PROFILE

3/26/2025
R:\SUE Data\01 Cadd\R2514B\Roadway\Proj\R2514B_rdy_psh23.dgn
mmorin