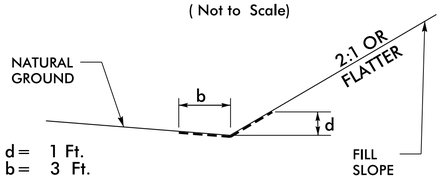
PROJECT REFERENCE NO.	SHEET NO.
B-5150	2D-1
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 022007 ENGINEER Andrew Jason Moore
DocuSigned: Jason Moore 11/26/2014
4096E14AFEF94F7...

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 039122 ENGINEER Gregory W. Brickham
DocuSigned: Gregory W. Brickham 11/26/2014
80CBBCD27E364EB...

DETAIL A
TOE PROTECTION
(Not to Scale)

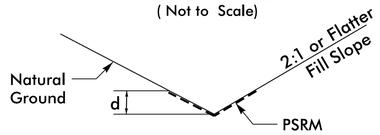


d = 1 Ft.
b = 3 Ft.

Type of Liner = PSRM

FROM STA. 13+00 TO STA. 14+54 LT –L–
PSRM = 103 SY
FROM STA. 15+02 TO STA. 15+25 LT –L–
PSRM = 14 SY
FROM STA. 13+25 TO STA. 14+25 LT –DET–
PSRM = 67 SY
FROM STA. 13+25 TO STA. 14+00 RT –DET–
PSRM = 52 SY

DETAIL B
TOE PROTECTION
(Not to Scale)

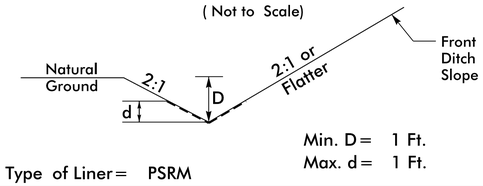


d = 1 Ft.

Type of Liner = PSRM

FROM STA. 16+25 TO STA. 16+50 LT –L–
PSRM = 12 SY
FROM STA. 17+75 TO STA. 18+50 LT –DET–
PSRM = 76 SY
FROM STA. 16+30 TO STA. 17+00 RT –DET–
PSRM = 47 SY

DETAIL C
CUT DITCH
(Not to Scale)

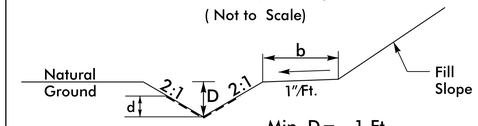


Min. D = 1 Ft.
Max. d = 1 Ft.

Type of Liner = PSRM

FROM STA. 14+00 TO STA. 14+50 RT –L–
PSRM = 25 SY

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

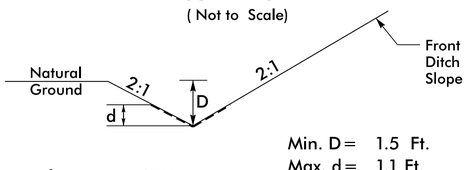


Min. D = 1 Ft.
Max. d = 1 Ft.
b = 2 Ft.

Type of Liner = PSRM

FROM STA. 14+90 TO STA. 17+00 RT –L–
PSRM = 105 SY
EST DDE = 76 CY

DETAIL E
CUT DITCH
(Not to Scale)

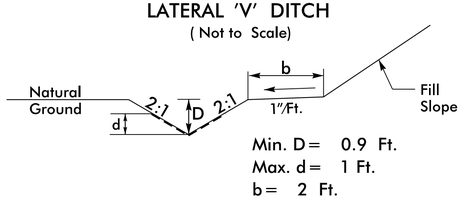


Min. D = 1.5 Ft.
Max. d = 1.1 Ft.

Type of Liner = PSRM

FROM STA. 12+00 TO STA. 14+00 RT –L–
PSRM = 120 SY

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

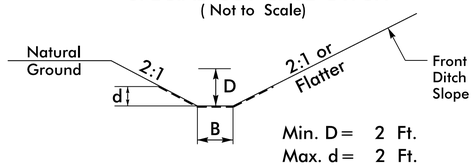


Min. D = 0.9 Ft.
Max. d = 1 Ft.
b = 2 Ft.

Type of Liner = PSRM

FROM STA. 15+10 TO STA. 16+50 LT –DET–
PSRM = 70 SY
EST DDE = 63 CY

DETAIL G
SPECIAL CUT BASE DITCH
(Not to Scale)



Min. D = 2 Ft.
Max. d = 2 Ft.
B = 2 Ft.

Type of Liner = PSRM

FROM STA. 11+31 TO STA. 12+10 LT –DET–
PSRM = 97 SY

REVISIONS

8/17/99

25-NOV-2014 16:12
R:\Roadway\Proj\B5150_RDY_DITCH DETAILS.dgn
$$USERNAME$$