

- 3. SOIL STABILIZATION MAT SHOULD BE INSTALLED TO THE SHOULDER BREAK POINT OR EXISTING GROUND THEN EMBEDDED 6". MATERIAL ON BOTH SIDES OF THE DITCH SHALL BE INSTALLED TO THE SAME ELEVATIONS.
- 4. IF MORE THAN 3 LINES OF MATERIAL ARE REQUIRED PARALLEL TO THE & OF THE DITCH, MATERIAL SHALL BE INSTALLED PERPENDICULAR TO THE CENTER LINE OF THE DITCH, STARTING AT THE LOWEST & ELEVATION OF THE DITCH.

5. FOR SOURCES OF APPROVED MATERIALS SEE VDOT'S APPROVED PRODUCTS LIST FOR ST'D. EC-3. TYPE A OR B.

UPSTREAM AND DOWNSTREAM TERMINAL

SPECIFICATION REFERENCE

244 606

SOIL STABILIZATION MAT DITCH INSTALLATION TYPE A OR B

VIRGINIA DEPARTMENT OF TRANSPORTATION

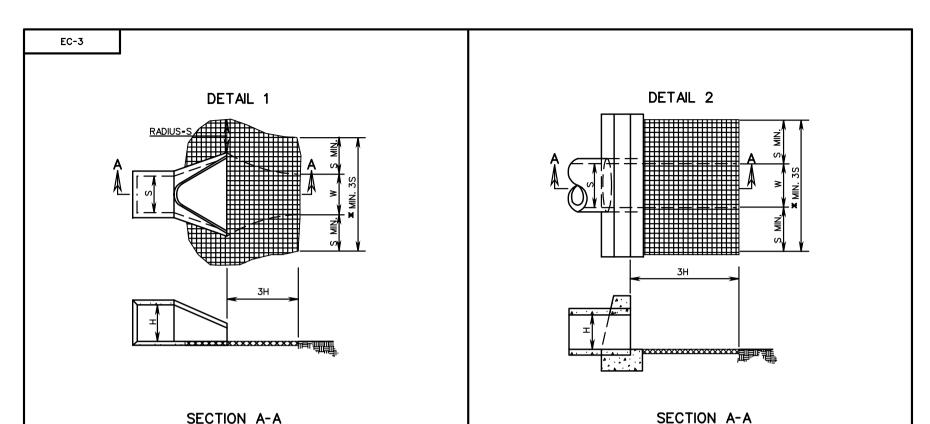
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ROAD AND BRIDGE STANDARDS

REVISION DATE

SHEET 1 OF 3

113.03



NOTES:

- 1. FOR MULTIPLE LINE INSTALLATIONS, DIMENSION S IS TO GOVERN THE PROTECTION OUTSIDE THE CHANNEL WIDTH (W).
- 2. ON ANY INSTALLATION REQUIRING CULVERT OUTLET PROTECTION WHERE NO ENDWALL OR ENDSECTION IS SPECIFIED ON THE PLANS, CONSTRUCTION IS TO BE IN ACCORDANCE WITH DETAIL 2 SHOWN ABOVE.
- 3. SOIL STABILIZATION MAT TYPE B SHALL BE USED FOR CULVERT OUTLET PROTECTION WHERE THE OUTLET VELOCITY IS 6 FPS OR LESS FOR THE DESIGN STORM AND THE TOTAL HYDRAULIC OPENING IS LESS THAN 7 SQUARE FEET. IF THE TOTAL HYDRAULIC OPENING IS 7 SQUARE FEET OR GREATER, OR THE DESIGN STORM OUTLET VELOCITY IS GREATER THAN 6 FPS USE STANDARD EC-1.
- 4. S DIAMETER OF CIRCULAR CULVERT OR SPAN FOR BOX, ELLIPTICAL OR ARCH CULVERT. H DIAMETER OF CIRCULAR CULVERT OR RISE/HEIGHT FOR BOX, ELLIPTICAL OR ARCH CULVERT.
- * USE TYPICAL SECTION SHOWN ON PLANS FOR SIDE SLOPE, BOTTOM WIDTH AND DEPTH OF CHANNEL OR MATCH EXISTING DITCH OR NATURAL GROUND.

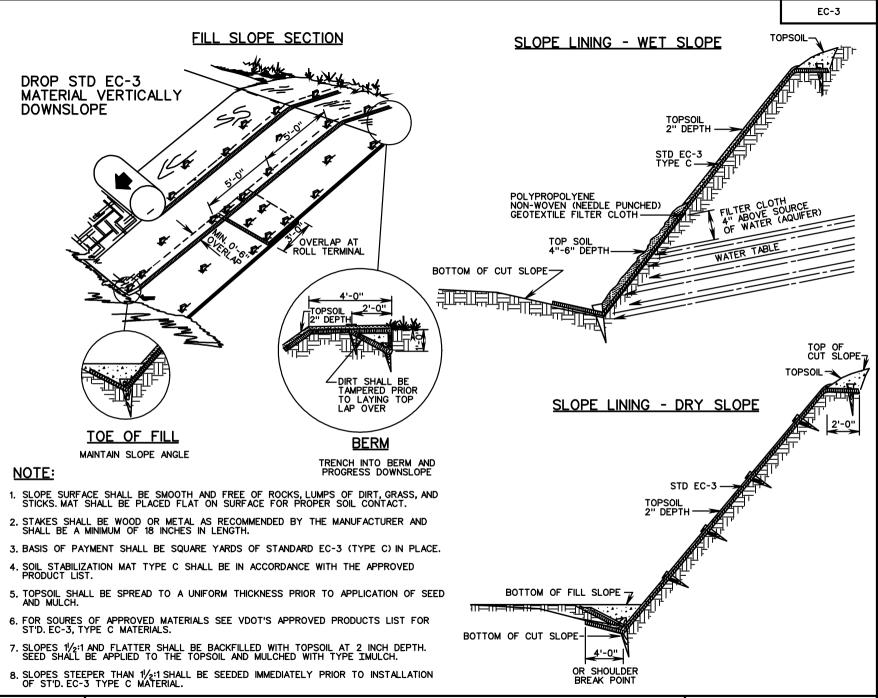
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ROAD AND BRID	GE STANDARDS					
SHEET 2 OF 3	REVISION DATE					

113.04

SOIL STABILIZATION MAT CULVERT OUTLET PROTECTION INSTALLATION

VIDCINIA	DEDARTMENT	OF	TRANSPORTATION

SPECIFICATION REFERENCE
204
245
303
414



SPECIFICATION REFERENCE

244 606

SOIL STABILIZATION MAT -SLOPE INSTALLATION TYPE C

VIRGINIA DEPARTMENT OF TRANSPORTATION

****VDOT ROAD AND BRIDGE STANDARDS

REVISION DATE

SHEET 3 OF 3 113.05