

## TEMPORARY REVETMENT RIPRAP CHECK DAMS

The Standard Specifications are revised as follows:

SECTION 205, BEGIN LINE 134, INSERT AS FOLLOWS:

**205.06 Method of Measurement**

Silt fence and straw bale check dams will be measured by the linear foot (meter). Sediment basins will be measured by the units installed complete in place. Revetment riprap check dams, sediment traps, and splashpads will be measured by the ton (megagram). *The measurement of temporary revetment riprap check dams will include the revetment riprap and of the No. 5 stone.* Measurement of sediment traps will include the riprap and the No. 8 filter stone. Temporary mulching will be measured by the ton (megagram).

SECTION 205, BEGIN LINE 184, DELETE AND INSERT AS FOLLOWS:

The cost of geotextile fabric shall be included in the cost of the *temporary check dam or sediment trap.*

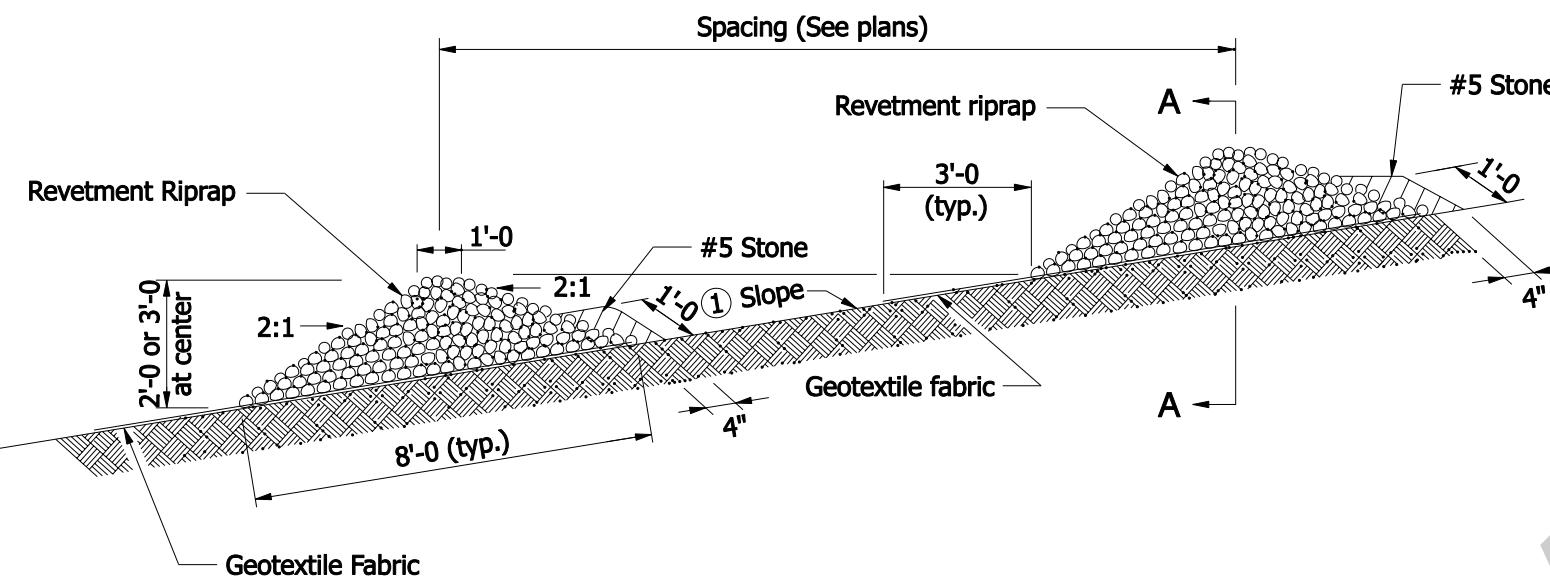
The cost of geotextile fabric, trenching, backfilling, posts, fencing, and all necessary incidentals shall be included in the cost of silt fence.

*The cost of No. 5 stone required for temporary revetment riprap check dams shall be included in the cost of temporary check dam, revetment riprap.*

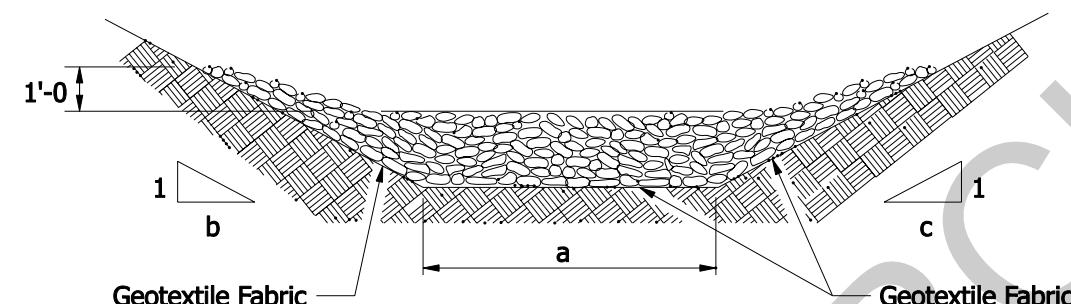
SECTION 205, AFTER LINE 201, INSERT AS FOLLOWS:

*The cost of maintenance, except for the removal of sediments, and removal of temporary erosion and sediment control items shall be included in the cost of the respective items in this section.*

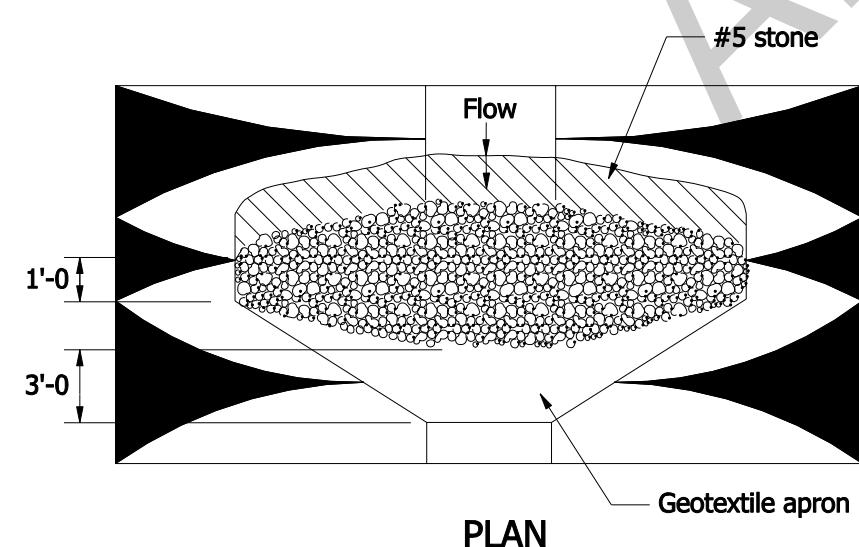
E 205-R-528d



ELEVATION



SECTION A-A



PLAN

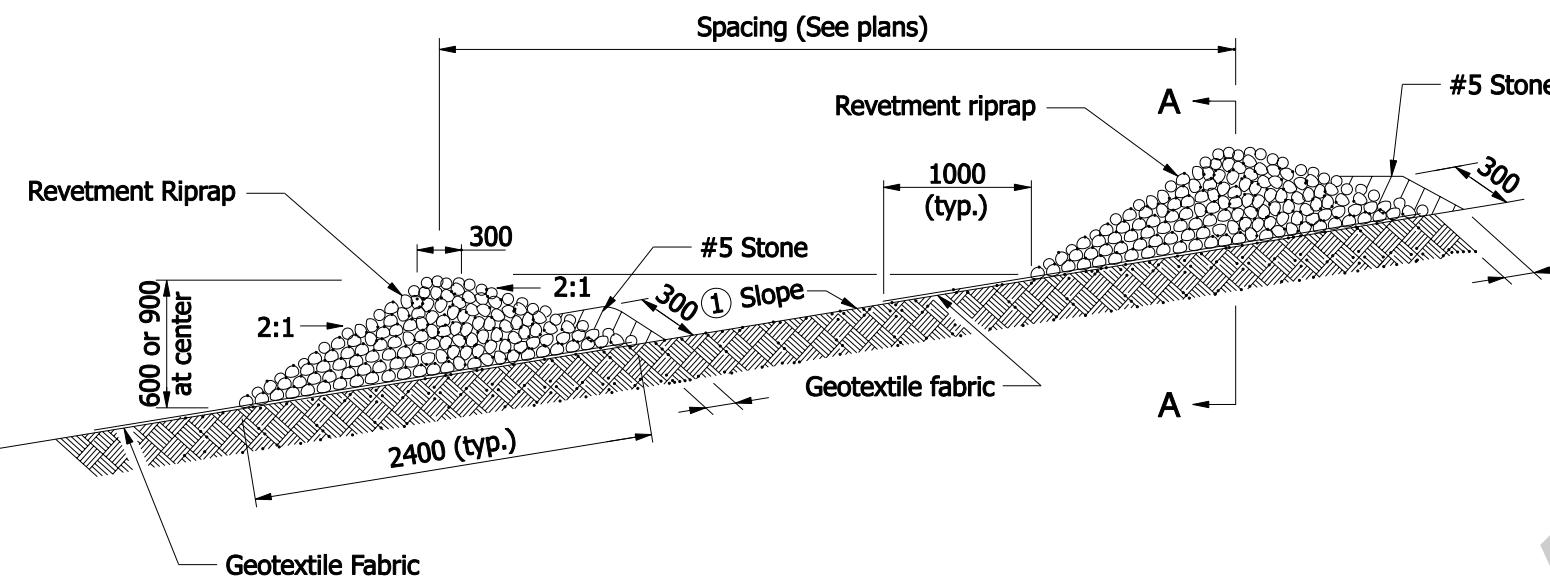
GENERAL NOTES

- ① Riprap ditch check dams shall be spaced such that the top of the downstream check dam is at the same elevation as the toe of the adjacent upstream check dam.
2. The volume of #5 stone (cys) is as follows:  
2 ft at center:  $1/81 [a+1.5 (b+c)]$   
3 ft at center:  $1/81 [a+2 (b+c)]$
3. The area of geotextile fabric (sys) is as follows:  
2 ft at center:  $1/9 [11a+18 (b+c)]$   
3 ft at center:  $1/9 [11a+24 (b+c)]$

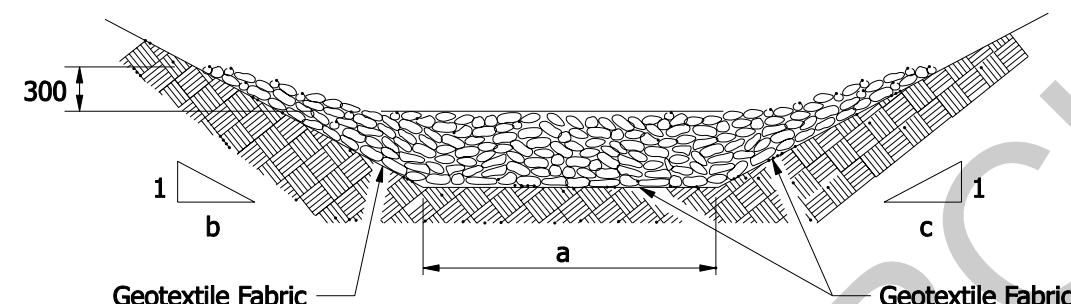
INDIANA DEPARTMENT OF TRANSPORTATION  
TEMPORARY CHECK DAM,  
REVENTMENT RIPRAP

7-20-06

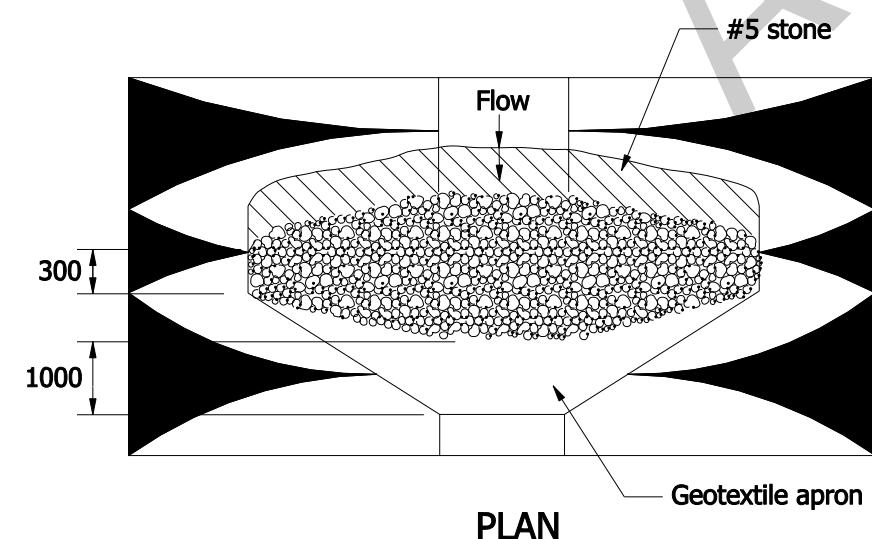
205-R-528d



ELEVATION



SECTION A-A



PLAN

GENERAL NOTES

- ① Riprap ditch check dams shall be spaced such that the top of the downstream check dam is at the same elevation as the toe of the adjacent upstream check dam.
2. The volume of #5 stone ( $m^3$ ) is as follows:  
600 mm at center:  $0.03a + 0.27(b+c)$   
900 mm at center:  $0.03a + 0.36(b+c)$
3. The area of geotextile fabric ( $m^2$ ) is as follows:  
600 mm at center:  $3.4a + 1.665(b+c)$   
900 mm at center:  $3.4a + 2.22(b+c)$

All Dimensions are in mm unless otherwise specified.

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