### Chart I

**Spacing (in Feet)**

<table>
<thead>
<tr>
<th>Slop (on BD)</th>
<th>Type I &amp; Type III</th>
<th>Type II</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
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<tr>
<td>5</td>
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<td>1</td>
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</tbody>
</table>

**NOTE:** Spacings shown in this chart are based on having the ground line at the upstream barrier at the same elevation as the overflow of the downstream barrier as shown above. Spacings should be adjusted based on actual site performance.

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**Ditch Installations at Drainage Structures**

**Recommended Spacing for Sediment Barriers**

- Consider Use Of Temporary Sod

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**Temporary Erosion and Sediment Control**

**2010 Interim Design Standard**

**Revision:**
- Changed Chart I title and replaced "Silt" with "Sediment"
1. Type I and II Synthetic Barrier should be spaced in accordance with Chart 1, Sheet 1.

2. Bales shall be anchored with 2-1" x 2" (or 1" dia.) x 4' wood stakes. Stakes of other material or shape providing equivalent strength may be used if approved by the Engineer. Stakes other than wood shall be removed upon completion of the project.

3. Rails and posts shall be 2" x 4" wood. Other materials providing equivalent strength may be used if approved by the Engineer.

4. Adjacent bales shall be butted firmly together.

5. Where used in conjunction with silt fence, bales shall be placed on the upstream side of the fence.

6. Bales to be paid for under the contract unit price for Synthetic Bales, LF. The unit price shall include the cost of filter fabric for Type I and II Barriers. Sandbags shall be paid for under the unit price for Sandbagging, CY. Rock bags to be paid for under the contract unit price for Rock Bags, EA.
1. Type III Silt Fence to be used at most locations. Where used in ditches, the spacing for Type III Silt Fence shall be in accordance with Chart 1, Sheet 1.

2. Type IV Silt Fence to be used where large sediment loads are anticipated. Suggested use is where M:1 slope is 1:2 or steeper and length of slope exceeds 25 feet. Avoid use where the detained water may back into travel lanes or off the right of way.

3. Do not construct silt fences across permanent flowing watercourses. Silt fences are to be at upland locations and turbidity barriers used at permanent bodies of water.

4. Where used as slope protection, Silt Fence is to be constructed on 0% longitudinal grade to avoid channeling runoff along the length of the fence.

5. Silt Fence to be paid for under the contract unit price for Sediment Barrier, (LF).