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.

CHART I

RECOMMENDED SPACING FOR SYNTHETIC BALES OR BALE TYPE BARRIERS AND TYPE III SILT FENCE
Section AA

Note: Where the slope length exceeds 25 feet, construct two rows of bale barriers where the slope length exceeds 50 feet.

Along Fill Slope

Elevation

Synthetic Bales or Bale Type Barriers for Paved Ditches

Synthetic Bales or Bale Type Barriers for Unpaved Ditches

Notes for Synthetic Bales or Bale Type Barriers

1. Type I and II Synthetic Barrier should be spaced in accordance with Chart 1, Sheet 1.

2. Bales shall be bunched 3" to 4" and anchored with 2-1" x 2" (for 1" dia.) 4" wood stakes. Stakes or other material on stake providing equivalent strength may be used if approved by the Engineer. Stakes other than wood shall be removed upon completion of 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 bale fabric for Type I and II Barriers. Sandbags shall be paid for under the unit price for Sandbags, CT. Rock bags to be paid for under the contract unit price for Rock Bags, EQ.
SILT FENCE APPLICATIONS

NOTES FOR SILT FENCES

1. Type III Silt Fence to be used at all locations where used in ditches, the spacing for Type III Silt Fence should be in accordance with Chart I, Sheet 1.

2. Type IV Silt Fence to be used where large sediment loads are anticipated. Suggested use is where 48-slope is 1/2 or steeper and length of slope exceeds 25 feet. Avoid use where the settled 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 turbulence barriers are 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 Staked Silt Fence, (LF).