PROTECTION AROUND INLETS OR SIMILAR STRUCTURES

SECTION AA

Note: Where the slope length exceeds 25 feet, construct one row of bale barriers at 0% longitudinal grade midway up the slope. Construct two rows of bale barriers where the slope length exceeds 50 feet.

ALONG FILL SLOPE

- 50' On Centers (Typ.)
- As Required

ELEVATION

- To be used where the natural ground slopes toward the toe of slope
- To be used where the natural ground slopes away from the toe of slope

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 placed in accordance with Chart I, Sheet I.
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 butt together tightly.
5. Where used in conjunction with a tie 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 Sandbags, CY. Rock bags to be paid for under the contract unit price for Rock Bags, EA.
**SILT FENCE APPLICATIONS**

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 I, Sheet 1.

2. Type IV Silt Fence to be used where large sediment loads are anticipated. Suggested use is where fill slope is 1:2 or steeper and length of slope exceeds 25 feet. Avoid use where the detached 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 on 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, (L/F).

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**NOTES FOR SILT FENCES**

- Principle Post Position (Canted 20° Toward Flow)
- Post Options: Softwood 4" Dia. or Type A Fence Fabric (Specify No. 801 & Section 550 FDOT Spec.)
- Poultry Mesh (20 Ga. Min.)
- Optional Post Pad-locks
- Principle Post Position (Canted 20° Toward Flow)
- Filter Fabric (In Conformance With Sec. 985 FDOT Spec.)
- Silt Flow