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## **EC-201 Silt Fence**

(This section last updated 09-14-16)

Refer to Section [10C-1](#) for guidance on bid item quantities.

Refer to Section [10C-2](#) for more information regarding Silt Fence for Ditch Checks used for storm water retention.

Notes 5 and 6 provide equations to use to calculate the end span on the foreslope and backslope. The idea is to run the silt fence up the foreslope and backslope to the point where the top of the silt fence in the ditch is below the bottom of the silt fence on the foreslope and backslope. To be conservative (and to simplify calculations), the silt fence is assumed to be 2 feet tall, thus the end span is simply  $2 \times$  foreslope or  $2 \times$  backslope. For a 6:1 foreslope, the minimum end span is  $2 \times 6 = 12$  feet.