

DELAWARE CONSTRUCTION SPECIFICATION

DIVERSIONS CS 21

1. **SCOPE**

The work shall consist of constructing the diversions at locations shown on the drawings or as staked in the field.

2. **MATERIAL**

The earth material used in constructing the earthfill portions of the diversion shall be obtained from the diversion channel, or other approved sources.

3. **FOUNDATION PREPARATION**

The base area of the ridge sections shall be stripped of unsuitable material and scarified prior to placing fill.

4. **PLACEMENT**

Fill material shall contain no frozen particles, rock particles greater than 6" in diameter, sod, brush, or other objectionable material.

Existing banks shall be cleared of all debris and sloped to a 1:1 slope or flatter before fill placement. All dead furrows and gullies to be crossed shall be filled. All old terraces, fence rows, and obstructions that will interfere with the diversion shall be removed. All trees, brush, stumps, and vegetation shall be removed and disposed of as shown on the drawings or as designated by the technician.

Fill material shall be placed in uncompacted layers of 9" less and each layer shall be compacted by not less than one wheel or track tread of the construction equipment.

When specified, top soil shall be removed, stockpiled, and replaced on the diversion after construction.

The top of the constructed ridge shall be not lower at any point than the design elevation plus 10 percent overfill for settlement.