

**NATURAL RESOURCES CONSERVATION SERVICE
CONSERVATION PRACTICE SPECIFICATION
DIVERSION-MINOR STRUCTURES**

(Acre)
CODE 362A

1. APPLICATION

This specification is applicable to structures commonly referred to as gully plugs, road bars, and similar structures.

2. LAYOUT

No formal construction stake-out will be made. Location or end stakes may be set.

3. SITE PREPARATION

Clearing. All trees, brush, stumps, roots, rocks, and other objectionable materials shall be removed from the site and disposed of so as to not interfere with construction or proper functioning of the diversion or outlet.

Foundation Preparation. Following the satisfactory completion of clearing operations, the entire foundation area shall be worked to present a roughened condition before any fill material is placed.

The sides of all gullies or depressions to be transversed by the diversions shall be sloped to a 1:1 or flatter slope.

3. EARTH FILL

Fill Material. All fill material shall be obtained from the upstream or such borrow areas as specified by the engineer. On the upstream side of the ridge, no excavation shall be made below the bottom grade of the channel. All fill material shall be suitable for making compacted fills.

Fill Placement. The placing and spreading of fill materials shall be brought up in horizontal lifts not to exceed a depth of eight inches before compaction.

Compaction. Compaction shall be obtained through normal equipment routing.

5. CONSTRUCTION TOLERANCES

Structures shall be installed to the neat lines of design within the following tolerances:

Section. All cross-sections of the completed diversion shall equal or exceed the neat lines as shown on the drawing.

Slopes. All constructed side slopes shall be straight or convex from the edge of crest to the toe of slope.

Conservation practice standards are reviewed periodically, and updated if needed. To obtain the current version of this standard, contact the Natural Resource Conservation Service.