

**NATURAL RESOURCES CONSERVATION SERVICE  
CONSERVATION PRACTICE STANDARD**

**FLOODWATER DIVERSION**

(Feet)

**CODE 400S**

**SPECIFICATIONS**

**SITE PREPARATION**

The entire width of the site for the floodwater diversion, including channel, berm and embankment shall be cleared of all trees, stumps, roots, brush, boulders, and debris. All channel banks and sharp breaks shall be sloped no steeper than 1:1 unless such sloping would likely result in changing a stable slope into an unstable slope. Topsoil which is high in organic matter shall be removed. The ground surface where the embankment is to be placed shall be thoroughly scarified before placement of the embankment material.

**EXCAVATION AND CONSTRUCTION  
OF EMBANKMENT**

Excavation of the channel and placement of spoil in the embankment shall progress simultaneously from the outlet upstream. The channel shall be excavated to the lines and grades shown in the plans and as staked in the field, and the embankment shall be built to the dimensions specified in the plans and as staked in the field. Where the excavation and fill required do not balance, the areas where borrow is to be obtained for fill or the place and manner of disposition of excess excavated material shall be shown.

Construction operations will be carried out in such a manner that erosion and air and water pollution will be minimized and comply with applicable laws.

Vegetation shall be established as specified in the plans.

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

**NE-T.G. Notice xxx  
Section IV  
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