

**NATURAL RESOURCES CONSERVATION SERVICE
CONSTRUCTION SPECIFICATIONS**

GRASSED WATERWAY

(Acre)
Code 412

SCOPE

This item shall include the shaping or construction of waterways, outlets, and disposal areas and the establishment of adapted vegetation for the safe disposal of runoff from fields, diversions, terraces or other structures. Construction operations shall be carried out in such a manner that erosion, air, water and noise pollution will be minimized and held within legal limits as established by state or local regulations.

OBSTRUCTION REMOVAL

All brush, trees, stumps, fence rows, and other objectionable material shall be removed and disposed of in such a way that they will not interfere with constructing, shaping, or proper functioning of the waterway, disposal area or filter strip, or outlet. All refuse material shall be burned or buried outside the waterway area or piled outside the waterway area for disposal by the landowner. Disposal by burning must be in compliance with local and state regulations.

EXCAVATION

The waterway shall be shaped or constructed to the specified grade and dimensions and shall be free of bank projections, abrupt changes, and other irregularities. Within a given reach, waterways, outlets, and disposal areas shall have a uniform, continuous slope in the direction of flow.

Topsoil shall be stockpiled and spread where necessary to provide a seedbed for the vegetation.

All earth removed and not needed in construction shall be spread or disposed of in such a way that it will not interfere with the functioning of the waterway. Care must be taken in spreading waste material so that neither ridges nor holes are formed along the sides of the waterway. Such obstructions restrict drainage from rows, terraces, diversions, or other structures. All portions of the waterway or outlet shall be finished and smoothed in such a manner that farm equipment can cross and applied vegetative cover can be properly maintained.

EARTH FILL

Earth fill shall be free of roots, large stones and other objectionable material. Fills shall be compacted as needed to prevent uneven settlement that would cause damage in the completed waterway.

POLLUTION CONTROL

Construction operations shall be carried out so that erosion and sediment control is addressed, and air and water pollution is minimized. This may include such items as silt fence, hay bale barrier, temporary vegetation, mulching, etc.

VEGETATION

Vegetation will be established as specified in the vegetative plan.