

**NATURAL RESOURCES CONSERVATION SERVICE  
CONSTRUCTION SPECIFICATIONS**

**DIVERSION**

(Feet)  
Code 362

**SCOPE**

This item shall include the shaping or construction of diversions, outlets, and disposal areas and the establishment of adapted vegetation for the safe disposal of runoff. 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 diversion.

**CROSS SECTION**

The diversion shall be shaped or constructed to the specified dimensions and shall be free of bank projections, abrupt changes, and other irregularities.

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

**SLOPE**

Within a given reach, diversions shall have a uniform, continuous slope in the direction of flow.

**DISPOSAL**

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 diversion. Care must be taken in spreading waste material so that neither ridges nor holes are formed along the sides of

the diversion. All portions of the diversion shall be finished and smoothed in a workmanlike manner such that applied vegetative cover can be properly maintained.

**FILL**

Fill material shall be free of roots, large stones and other objectionable material. The moisture content of fill material shall be such that bonding and compaction are attained to prevent uneven settlement that would cause damage in the completed diversion. The settlement factor shall dependent upon the type of construction equipment and procedure used. The minimum settlement factor shall be 5 percent.

**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.