

CONSTRUCTION SPECIFICATION

MI-102. DIVERSION

1. **SCOPE**
The work shall consist of constructing diversions as shown on the drawings or at locations as directed by the NRCS inspector.
2. **MATERIAL**
The earth material used in constructing the diversion shall be obtained from the diversion channel, designated borrow areas or other required excavation.
3. **FOUNDATION PREPARATION**
The base area of the ridge sections shall be stripped of unsuitable material and scarified prior to placing fill. Available topsoil shall be salvaged and stockpiled for later spreading.
4. **PLACEMENT**
Fill material shall contain no frozen particles, rock particles greater than 6 inches (150 mm) in diameter, sod, brush or other objectionable material.

Where specified, fill materials shall be placed and spread in layers not over 8 inches (200 mm) thick.

The fill material shall be compacted by routing the hauling and spreading equipment over the fill in such a manner that the entire surface of each layer of the completed ridge will be traversed by not less than one tread track of the equipment.
5. **EXCAVATION**
Excavation shall be to the lines and grades shown on the drawings. All surplus or unsuitable excavated materials shall be disposed of at the locations shown on the drawings or at locations approved by the NRCS inspector.
6. **TOPSOIL SPREADING**
Stockpiled topsoil shall be spread on the diversion flow area to a depth of not less than 3 inches unless otherwise approved by the NRCS inspector.

Spreading shall not be done when the ground or topsoil is frozen, excessively wet or otherwise in a condition detrimental to the work. After placement is complete the topsoil surface shall be finished to a reasonably smooth surface.
7. **SEEDING**
During and/or immediately following construction, the diversion shall be prepared, fertilized, seeded and mulched in accordance with the Construction Specification MI-166, Seeding.