

## CONSTRUCTION SPECIFICATION

### MI-150. SITE PREPARATION

#### 1. SCOPE

Site preparation work shall consist of clearing and grubbing all woody growth from the construction area.

#### 2. FOUNDATION PREPARATION AND GRUBBING

The construction areas shall be stripped of all materials not suitable for the foundation. Such materials shall include organic matter, grasses, weeds, sod, debris, and stones larger than 12 inches in diameter. Stumps and all roots 1 inch diameter or larger shall be grubbed out to a depth of at least 2 feet below subgrade for concrete structures and 1 foot below the ground surface at embankment sites and other designated areas..

In an earth embankment foundation area, all channel banks and sharp breaks shall be sloped to no steeper than 1:1.

#### 3. STRIPPED MATERIAL DISPOSAL

Suitable stripped soil material shall be stockpiled for use as topsoil. The other stripped materials shall be buried, removed from the site or otherwise disposed of as indicated by the NRCS inspector.

Stockpiled materials around a construction site should not hinder subsequent construction operations. Where concrete is to be delivered to the site by ready-mix trucks, several openings at strategic points will be required so that concrete will not be required to flow an excessive distance.

Waste material excavated from channels shall be deposited and shaped into spoil banks as indicated on the drawings or as directed by the NRCS inspector.

#### 4. SAFETY

All excavation work shall provide stable slopes to safeguard the work and the workers during construction operations. This can be accomplished by: (1) sloping all trench banks more than 3.5 feet high, 1:1 or flatter, or (2) installing shoring or bracing adequate to prevent banks from sloughing into the excavation.

Where excess water hinders excavation or other construction activities, pump drainage will be used.