

# CONSTRUCTION SPECIFICATION

## NATURAL RESOURCES CONSERVATION SERVICE

### ACCESS ROAD

#### 1. Scope

This item shall include all plans, specifications, and construction operations required for the installation of access roads. Construction operations shall be carried out in such a manner that erosion, air, water, and noise pollution will be minimized within legal limits as established by state regulations.

#### 2. Clearing and Grubbing

All trees, stumps, roots, brush, weeds, and other objectionable material shall be removed from the area that will be required for the roadway including shoulders and ditches, and from similar areas required for side road approaches and inlet and outlet ditches. All such materials will be disposed of by burning, burying at approved locations or otherwise removed from the site and stacked. All burning shall conform to Alabama laws and regulations.

#### 3. Excavation

All unsuitable materials shall be excavated from the roadbed areas and the space refilled with approved material before making fill upon it or before placing surfacing thereon.

#### 4. Drainage Structures

Materials - pipe, steel, aggregates, cement, timbers, or other - shall be inspected by the technician before installation. Written certifications of conformance to specifications will be required if physical inspection is not conclusive.

Structures shall be on a firm foundation to the neat lines and grades shown on the plans. Selected backfill shall be placed around rigid structures in four (4) inch layers and thoroughly compacted.

Joints of pipe will be sealed in accordance with the manufacturers' specifications. Pipes will not be laid directly on rock; there must be a soil cushion of at least 6 inches between the pipe and rock.

Concrete must be of good quality and appearance. Batching, placing, and curing will conform to procedures recommended by the Portland Cement Association. Mixes shall be in accordance to those specified.

Diversions and side ditches shall conform to the line, grade, and section as specified on the plans.

The outlet end of culverts shall terminate on natural ground unless protective outlet structures are installed.

#### 5. Construction

In the construction of roadbeds and embankments, fill material will be deposited in thin layers (maximum of 9 inches) and compacted with the controlled movement of the earth moving equipment.