

**NATURAL RESOURCES CONSERVATION SERVICE
CONSERVATION PRACTICE GENERAL SPECIFICATIONS
Texas**

**LAND SMOOTHING
(Terrace Removal)
(Acre)
Code 466**

1. SCOPE

The work shall consist of removing old terrace on the land surface as specified.

2. Location

The planned location of the area to be land-smoothed shall be as shown on furnished drawings/maps/sketched or as staked in the field.

3. PUBLIC AND PRIVATE UTILITIES

Utilities are defined to be overhead and underground power or communication lines, and pipelines. The contractor should conduct their own search and discovery for utilities in order to lessen or avoid potential damages. The owner/operator shall complete TX-ENG-80A, Utilities Inventory, during planning and return it to the NRCS representative. The owner/operator shall also ensure that TX-ENG-80B, Cooperator Confirmation of the One-Call Utility Safety System is completed and returned to the NRCS representative prior to layout or any ground disturbance.

4. MATERIAL

Earthfill material for the land smoothing operation will be from the old terraces and adjacent areas within the field to be smoothed. When there is excess terrace ridge material not needed in the land smoothing operation, it may be used to fill natural lows in the field or as earthfill material for construction of new terraces in the field if this practice is also being applied.

When specified in the Construction Details and construction drawings, other earth material sources may be used in fill areas to accomplish the land smoothing operations.

5. SITE PREPATION

The land surface shall be free of brush, crop residue, trash or vegetative material that would materially reduce the effectiveness of the smoothing operation. The land surface should be plowed or disked prior to smoothing.

6. SMOOTHING OPERATIONS

Smoothing operations shall not be performed when soil moisture conditions (too wet or too dry) will result in excessive damage to soil structure.

The finished grade across the old terrace ridge and channel areas shall blend into the natural slope upstream and downstream of the old terrace. The finished grade shall not impound runoff water more than a depth of 0.2 ft. The finished slope shall result in overland flow in the field and not divert or concentrate

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runoff water across the slope. The smoothed area will be smoothed to the extent needed for the planned land use and the requirements of subsequent tillage, floating, or farming operations.

7. CONSTRUCTION OPERATIONS

Construction operations shall be carried out in such a manner that erosion and air and water pollution will be minimized and held with legal limits.

8. MEASUREMENT

Measurement for length will be made prior to terrace removal and be shown on the Terrace Removal Location Map. The measured terrace removal lengths will be to the nearest foot and will be certified after a final field inspection.

9. CONSTRUCTION DETAILS

The following listed forms and drawings are attached and are part of these Construction Specifications:

- a. TX-ENG-80B, Cooperator Confirmation of the One-Call Utility Safety System
- b. O&M Plan for Land Smoothing (Terrace Removal)
- c. Terraces Removal Location Map
- d. Responsibilities For Conservation Systems Constructed with NRCS Technical Assistance Landowners.

Other applicable items.

This construction specification, attached construction details, and the requirement for completion of a TX-ENG-80B have been reviewed with me and I agree to install this practice according to these construction specifications.

Owner/ Operator

Date