



Natural Resources Conservation Service  
Parkade Center, Suite 250, 601 Business Loop 70 West  
Columbia, Missouri 65203

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**To:** District Conservationists  
Area Conservationists  
Area Resource Conservationists  
Area Biologists  
Engineering Staff  
Field Technical Services Staff  
Key Staff  
Area Engineers  
Civil Engineers  
Project Engineers  
State Technical Committee

**Date:** March 9, 2009

**Subject:** Notice of proposed changes to Missouri Practice Standards for review and comment.

**ACTION REQUIRED TO STATE OFFICE by April 23, 2009.**

There is two Missouri draft practice standards, specifications and statements of work posted on the Missouri NRCS Webpage for review and comment.

**Draft practice posted for review and comment:**

- *Grassed Waterway (412) Standard, Specification and SOW*

The major change in the draft standard is the removal of the reference to SCS TP-61 "Handbook of Channel Design for Soil and Water Conservation" as an acceptable design procedure. The standard now references NRCS National Engineering Handbook, Part 650, Engineering Field Handbook Chapter 7, "Grassed Waterways" and Agricultural Research Service (ARS) Agriculture Handbook 667 "Stability Design of Grass-Lined Open Channels". Both of these references require the use of an allowable effective stress design approach.

- *Lined Waterway or Outlet (468) Standard, Specification and SOW*

Only minor changes in wording and organization have been made.

To access the draft, click on the link below.

[http://www.mo.nrcs.usda.gov/technical/standards\\_index.html](http://www.mo.nrcs.usda.gov/technical/standards_index.html)

For the next 45 days, NRCS will receive comments relative to the proposed changes. Following that period a determination will be made by NRCS regarding disposition of those comments and a final determination of change will be made to the subject standard(s). Draft standards are for review and comment only. District Conservationists should review these draft standards with conservation district boards and their employees.

The following procedure shall be followed for response from within NRCS and SWCD to the State Office: District responses should be furnished to the District Conservationist. DCs shall consolidate comments (NRCS and SWCD) from all counties within a FOSA and submit one response directly to the State Office. Area Offices should consolidate area staff responses. Send all summaries and comments to Marty Comstock, Agricultural Engineer, Columbia, MO. Responses may be mailed to the State Office or emailed to Marty at [marty.comstock@mo.usda.gov](mailto:marty.comstock@mo.usda.gov). Responses from members of

the State Technical Committee can be sent to Dick Purcell. Responses may be mailed to the State Office or emailed to [dick.purcell@mo.usda.gov](mailto:dick.purcell@mo.usda.gov).

A handwritten signature in black ink that reads "Bob Ball". The letters are cursive and fluid, with the first letter of each word being significantly larger and more prominent.

BOB BALL  
State Resource Conservationist