



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

June 25, 2013

MISSOURI TECHNICAL GUIDE TRANSMITTAL NO. 514

The following Missouri Conservation Practice Standards, Specifications, Operation and Maintenance (O&M) and Statements of Work (SOW) have been posted on the Missouri Field Office Technical Guide under Section IV > Conservation Practices:

- ***Pond (378): Standard, Specification, O&M, and SOW***
Drainage diaphragm criteria have been added for principal spillway pipes. Anti seep collar criteria remains unchanged. The restriction limiting plastic pipe spillways to dams with a total height of less than 20 feet has been removed and allowable cover heights for plastic have been recalculated in Table 4a and Table 4b. An O&M plan has been added.
- ***Grade Stabilization Structure (410): Standard, Specification, O&M, and SOW***
Only a minor change relating to hazard class terminology.
- ***Stream Crossing (578): Standard, Specification, O&M, and SOW***
Design flow for sizing the rock for ford crossings has changed from the 10-year frequency storm to "bankfull flow". Construction specification requirements for geotextile materials have been replaced with references to Construction Specification 753 Geotextile.
- ***Watering Facility (614): Standard, Specification, O&M, and SOW***
Clarification that concrete anchorage pads are part of the watering facility has been added. Dugout/embankment type structures for wildlife water now reference conservation practice standard Upland Wildlife Habitat Management (645). The construction specification has been expanded to add details for various tank types.

If you have any questions regarding the material in this transmittal, please contact Marty Comstock, Agricultural Engineer, Columbia, Missouri.

A handwritten signature in black ink that reads "J.R. Flores". The signature is fluid and cursive, with a long horizontal stroke at the end.

J.R. Flores
State Conservationist

DIST: eFOTG

