

## GRADE STABILIZATION STRUCTURE

### CODE 410



### OPERATION AND MAINTENANCE PLAN

The life of this installation can be assured and usually increased by developing and carrying out a good operation and maintenance program. Operation and Maintenance (O & M) is necessary for all conservation practices and is required for all practices installed with NRCS assistance. The land user is responsible for proper O & M throughout the life of the practice and as may be required by federal, state, or local laws or regulations. This grade stabilization structure is designed and installed to control head cutting and to safely convey runoff from the drainage area.

Operation is defined as operating the practice in compliance with all laws, regulations, ordinances, and easements; and in a manner that is beneficial to the environment and will permit the practice to serve its intended purpose. Maintenance includes working to prevent deterioration of the practice, repairing damage, or replacing components that may fail.

#### Necessary operation and maintenance items for this practice include:

- Avoid operating farm equipment too close to the structure.
- Maintain vigorous growth of desirable vegetative coverings. This includes reseeding, fertilization and controlled application of herbicides when necessary. Periodic mowing may also be needed to control height.
- Control livestock access to the structure.
- Remove all debris that may accumulate at the structure and immediately upstream or downstream from the structure.
- Make sure all structure drains are functional and soil is not being transported through the drainage system. Repair if not functioning. The screens and/or rodent guards shall also be kept in place.
- Eradicate or otherwise remove all rodents or burrowing animals. Immediately repair any damage caused by their activity.
- Remove woody vegetation from embankments.
- Determine and eliminate causes of settlement or cracks in the earthen sections and repair damage.
- Repair spalls, cracks, and weathered areas in concrete surfaces.
- Repair or replace rusted or damaged metal and paint.
- Replace weathered or displaced rock riprap to constructed grade.

Other:

<b>Tract/Field No.:</b>			
<b>Landowner/Operator Name:</b>		<b>Review Date:</b>	
<b>Prepared By:</b>		<b>Date:</b>	