



PURPOSE:

A low earth check is used to improve the application and management of water on shallow water wetlands. Checks or ridges are not used to control water or prevent water from moving off wetland areas and flooding adjacent land. Class III dikes or higher, are used to control or contain water within wetlands.

SPECIFICATIONS:

1. Maximum water depth = 12 inches (averaging 8 inches deep)
2. Checks/ridges may be constructed using a road grader, ridging implement (large apposed disk), crowder, ditch plow or angled blade.
3. Use tractor or equipment wheel for compaction. Compact fill in 9 inch loose lifts.
No cutoff trench required.
4. Sidelopes shall be 1 to 1 or flatter.
5. No minimum top width. Provide room for foot traffic if needed.
6. Foundation and borrow area shall be free of trash, debris and vegetation prior to placement of fill.
7. Finished check/ridge shall be seeded with the following see mixture:

8. This drawing requires supporting technical documentation prior to use and must be adapted to the specific site.

Practice Code _____ Job Class _____

Drawing not to scale

Designed _____	Date _____	CAD FILE NAME OR_IWM_CHECK_RIDGE.DWG	WATER MANAGEMENT CHECK/RIDGE
Drawn _____	2/2005	DRAWING NO.	
Checked _____	_____	SHEET _____ OF _____	
Approved _____	_____	IRRIGATION	
 U.S.D.A. NATURAL RESOURCES CONSERVATION SERVICE			