

FLOOD PLAIN OR FLOODWAY DEVELOPMENT: WHEN APPROVAL IS REQUIRED

Miscellaneous Structures, Obstructions, or Deposits not otherwise provided for in other rules

When Department Approval is Required Per Chapter 71

Approval by the department for construction, operation, and maintenance of miscellaneous structures, obstructions, or deposits, shall be required in the following instances.

71.12(1) Rural areas. In rural areas, any miscellaneous structures, obstructions, or deposits on the floodway or flood plain of any river or stream draining more than 10 square miles where such works obstruct more than 3 percent of the cross-sectional area of the stream channel at bankfull stage or where such works obstruct more than 15 percent of the total cross-sectional area of the flood plain at any stage. In determining a 15 percent obstruction of the flood plain, the concept of equal and opposite conveyance as defined in 567—Chapter 70 shall apply.

71.12(2) Urban areas. In urban areas, miscellaneous structures, obstructions, or deposits on the floodway or flood plains of any river or stream draining more than 2 square miles.

Application Forms, Checklists & Guidance

Application Form(s):

Joint Application Form

Application Guidance:

Application Checklist:

Project Information Checklist for Miscellaneous Structures, Obstructions, or Deposits (included within this pdf file)

Other Links:

Aerial photographs can be obtained online at: <http://ortho.gis.iastate.edu/search.html>

IOWA DEPARTMENT OF NATURAL RESOURCES
Flood Plain Management Program

**Project Information Checklist for
Miscellaneous Structures, Obstructions, or Deposits**

In order for an application for a miscellaneous structure, obstruction, or deposit to be considered complete and allow the Department to conduct an initial review of the project, all of the items listed below must be submitted. An application is not forwarded to the initial review queue until all of the required items are received. Note that the Department may need to request additional information following the initial review of the project.

- _____ Completed and signed DNR Form 36, *Joint Application Form – Protecting Iowa Waters*. Please indicate if the project site is inside the incorporated limits of a city by using the word 'in' when listing the city in Item 7 of the application. In addition, please describe the purpose of the project and whether it is anticipated that a future building will be constructed on the miscellaneous fill. The application can be obtained online within <http://www.iowadnr.gov/water/floodplain/index.html>.

- _____ A to-scale site plan showing the location of the miscellaneous structure, obstruction, or deposit. Also show the nearest stream, borrow site (if on the flood plain), property lines and ownership, roadways, buildings, and any other pertinent physical features. An aerial photograph is usually satisfactory for use as a base map for the site plan. Aerial photographs can be obtained online at <http://ortho.gis.iastate.edu/search.html>.

- _____ Description and locations of any proposed streambank stabilization measures associated with the project.

Note that the Department may need to request certified engineering plans (duplicate copies), survey data, or other items that are not listed above.