

IOWA DEPARTMENT OF NATURAL RESOURCES
Flood Plain Management Program

**Project Information Checklist for
Channel Changes**

For information on when a permit is required, what criteria must be met to obtain a permit, and additional information regarding channel change projects, please refer to the "Flood Plain Management Procedural Guide for Channel Changes" that can be found within <http://www.iowadnr.gov/water/floodplain/index.html>. Information pertaining to streambank stabilization methods can be found at the following link by clicking on "How to Control Streambank Erosion": <http://www.iowadnr.gov/water/stormwater/forms.html#manuals>.

In order for an application for a channel change to be considered complete and to 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. The application can be obtained online within <http://www.iowadnr.gov/water/floodplain/index.html>.

- _____ A to-scale site plan showing both the existing and proposed stream alignments (show all new channel segments being proposed), property lines and ownership, the spoil disposal site, roadways, buildings, affected tile lines or other drainage facilities 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>. Please note that clear representations of property lines are needed to enable our office to determine which of the adjacent landowners and occupants need to be notified and to measure the stream length through the applicant's property.

- _____ Typical cross sections of both the natural channel and the excavated channel for each segment of channelization. Each cross section must be identified and show the approximate bottom width, top width and channel depth. A typical cross section of the natural channel should not include localized erosion or scour holes. Include any existing or proposed spoil banks or levees. Please note that spoil banks or levees in conjunction with the channel change will likely require additional survey or engineering information.

- _____ The names, mailing addresses and locations of at least the immediate upstream, downstream and adjacent landowners and occupants, if applicable. Aerial photographs are usually satisfactory for showing the property lines of the nearby landowners and occupants.

- _____ Certification that all portions of the channel change project are no closer than 1000 feet from a confinement feeding operation structure. A confinement feeding operation structure means a confinement building, manure storage structure or an egg washwater storage structure that is part of a confinement feeding operation (reference: 567 Iowa Administrative Code Chapter 65).

- _____ Description and locations of any proposed streambank stabilization measures.

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