

IOWA DEPARTMENT OF TRANSPORTATION
Indiana Bat Summer Habitat Documentation Form

For transportation projects requiring **tree removal** in Range of Potential Indiana Bat Habitat in Iowa

Project Information: Project Number _____
 Route number _____ County _____
 Project termini _____
 Type of project _____
 Form completed by _____ Date _____

For purposes of documenting the consideration of the above described project's anticipated effect upon Indiana bat summer habitat, the following questions have been answered based on Iowa DNR **Guidelines for the Protection of Indiana Bat Summer Habitat** (revised February, 2004) and guidance from the US Fish and Wildlife Service (personal communication from Heidi Woeber, Rock Island Office, December, 2004):

Within 0.5 mile of the site to be cleared,

- 1) Are there at least 75 acres (15%) of concentrated rural or urban fringe forest cover, AND
- 2) Permanent water in the form of a stream, river, lake or farm pond?
 YES _____ NO _____

If both of these conditions are not present within 0.5 mile and the answer is **NO**, suitable habitat does not exist, and no special clearing restrictions apply. (*End of documentation. Place this form in project file.*)

If adequate forest cover and permanent water are **both** present in the vicinity, and the above answer is **YES**, we must now consider whether potential summer roost trees are actually present in the area to be cleared:

- 3) Does the area to be cleared include:
any living trees of the following species: shagbark or shellbark hickory, OR
any dead trees of the following species: shagbark, shellbark, or bitternut hickory, American elm, slippery elm, eastern cottonwood, silver maple, white oak, red oak, post oak, and shingle oak, AND
- 4) The presence of 10% or more peeling bark or slabs/plates of loose bark on trees?
 YES _____ NO _____

If the required amount of loose bark is not present and the answer is **NO**, suitable habitat does not exist, and no special clearing restrictions apply. (*End of documentation. Place this form in project file.*)

If the answer for potential roost trees is **YES**, further coordination with the US Fish and Wildlife Service and Iowa DNR will be necessary by the Office of Location and Environment:

U.S. Fish and Wildlife Service
 Rock Island Field Office
 4469 48th Avenue Court
 Rock Island, IL 61201
 309/793-5800

Iowa DNR
 Wallace State Office Building
 502 E. Ninth
 Des Moines, IA 50319
 515/281-8524

This form is meant to be completed by field personnel who are most familiar with conditions at the project site.

--- Jill Rudloff, Office of Location and Environment, 515/239-1698



