



BAT SURVEY GUIDANCE UPDATES FOR 2024

The 2024 U.S. Fish and Wildlife Service (USFWS) **Range-wide Indiana Bat and Northern Long-eared Bat Survey Guidelines** are out! Updates include survey guidance on the proposed endangered tri-colored bat (expected listing September 2024), guidance on assessing & surveying bridges and culverts for bat use, as well as updated bat activity periods for Indiana bats (IBAT), northern long-eared bats (NLEB), and tri-colored bats (TCB).

NEW

BAT ACTIVITY PERIODS AND TIME FRAMES

The USFWS has released **updated** bat activity periods for Indiana bats, northern long-eared bats, and tri-colored bats. Contact our Qualified Bat Surveyor to find out why these time frames are important for your project, and how they may impact time-of-year restrictions.

NEW

TRI-COLORED BAT SURVEY GUIDANCE

Acoustic only or combination acoustic and mist-netting surveys are necessary for tri-colored bats when it is the only species listed on the IPaC species list.

Can always just assume presence; however, the range of the tri-colored bat is large and if presence is assumed, then time-of-year restrictions may be required.

NEW

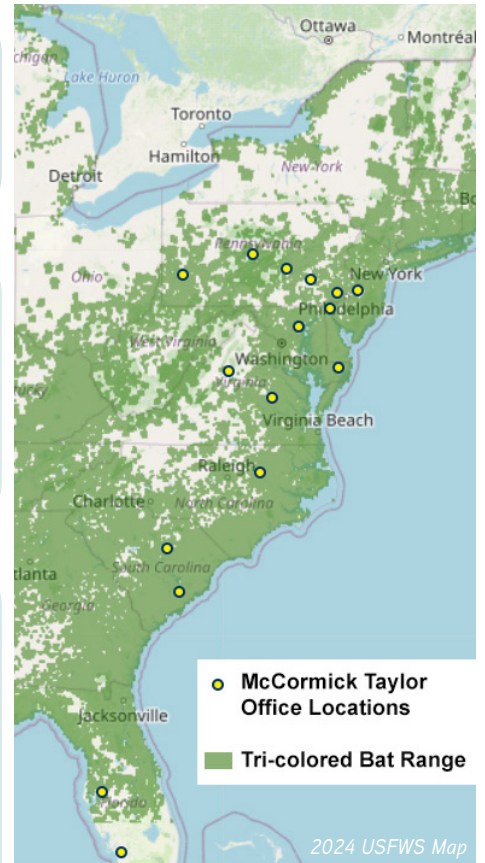
GUIDANCE FOR ASSESSING & SURVEYING BRIDGES AND CULVERTS FOR BAT USE

Most of these structures are comprised of cracks and crevices, which can be suitable size for roosting bats. Therefore, any structure (bridge, culvert, etc.) that is safe to assess, and within the range of species, is recommended to be considered as potential habitat for IBAT, NLEB, and TCB.

Culvert suitability may vary by species and should be evaluated by the following dimension and length guidelines:

1. Suggested minimum culvert entrance height/diameter for determining suitability:
 - IBAT - 4'
 - NLEB - 4.5'
 - TCB - 3'
2. Culvert minimum length 23' for any of the species of interest

If a culvert meets either the minimum entrance height/diameter for a particular species or is equal to or exceeds the minimum 23' length, it may be considered suitable.



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HOW CAN McCORMICK TAYLOR HELP?

- McCormick Taylor employs qualified biologists who have advanced degrees in bat ecology with extensive experience conducting assessments and surveys for federally listed bats. Scan the QR code to learn more about our services.
- McCormick Taylor provides real-world and innovative solutions to align with project goals and schedules, in compliance with agency guidelines and expectations and protects the sensitive species and their habitat.