

New Jersey Bats in Bridges Survey Form

For reporting bat presence/absence to the U.S. Fish and Wildlife Service's NJ Field Office (Service) and the NJ Division of Fish and Wildlife's Endangered and Nongame Species Program (ENSP)







Bridges, culverts and other transportation structures (hereafter called *structures*) within the range of Indiana Bats (*Myotis sodalis*) and/or Northern Long-eared Bats (*M. septentrionalis*) in New Jersey shall be surveyed for bat occupancy prior to conducting construction, maintenance, or operational activities which may disturb or directly harm bats. Survey protocols and additional background information on this topic are described in the document, "New Jersey Guidance on Surveying Transportation Structures for Bat Occupancy."

Please submit survey results electronically via either: 1) the **NJ Wildlife Tracker** online/mobile-friendly app (choose "NJ Bats in Bridges Survey" from the drop-down list) – **COMING SOON**, or 2) emailing this fillable survey form and associated photos to Rebecca_Klee@fws.gov (for general projects), Alicia_Protus@fws.gov (for New Jersey Department of Transportation projects), and MacKenzie.Hall@dep.nj.gov.

If evidence of bat occupancy is observed at a structure, clearance must be given by both the Service and ENSP before work can proceed. These agencies will need to determine the species of bat and colony size present before issuing guidance, so please take and **provide clear, diagnostic reference photos** with your data submission.

Name of Lead Investigator:	Affiliation:
Contact Phone:	Email:
Additional Surveyor(s):	
Inspection Date:	Time:
Road Name (carried):	County: Town:
Structure ID#:	IPaC Project Code:
Lat, Long (decimal degrees):	Other Reference:

Road Type Carried by Structure: Interstate Turnpike/Parkway/Expressway U.S. Highway State Road
 County Road Municipal Road Private Road Railroad Other: _____

Structure Type:		Underdeck Material:
<input type="checkbox"/> Parallel Box Beam 	<input type="checkbox"/> Flat Slab / Box 	<input type="checkbox"/> Concrete
<input type="checkbox"/> Pre-stressed Girder 	<input type="checkbox"/> Trapezoidal Box 	<input type="checkbox"/> Corrugated Steel
<input type="checkbox"/> Cast in Place 	<input type="checkbox"/> Culvert – Pipe/Round	<input type="checkbox"/> Timber
<input type="checkbox"/> Steel I-beam 	<input type="checkbox"/> Culvert – Box	<input type="checkbox"/> Other: _____
	<input type="checkbox"/> Other: _____	

Conditions Under Structure (check all that apply):

Two lane road Four (or more) lane road/highway Unpaved road Railroad Bare ground Concrete
 Rip-rap Flowing water Standing water Open vegetation (not obstructing flight path)
 Closed vegetation (may obstruct flight path) Other: _____

Name of roadway/railroad/waterway under structure: _____
Maximum height of structure deck above ground or water surface (ft): _____

Additional notes about the structure or proximate human activity/disturbance:

Remember to take photos of visible bats and/or indicators, or lack thereof!

Structural Features Present:

Used by Bats?

- | | | | | |
|--|------------------------------|-----------------------------|-----------------------------------|--|
| <input type="checkbox"/> Expansion joint or crevice (top sealed) | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> Not Sure | <input type="checkbox"/> Not Inspected |
| <input type="checkbox"/> Expansion joint or crevice (unsealed) | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> Not Sure | <input type="checkbox"/> Not Inspected |
| <input type="checkbox"/> Open beams or underdeck | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> Not Sure | <input type="checkbox"/> Not Inspected |
| <input type="checkbox"/> Guiderail | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> Not Sure | <input type="checkbox"/> Not Inspected |
| <input type="checkbox"/> Parapet (gaps) | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> Not Sure | <input type="checkbox"/> Not Inspected |
| <input type="checkbox"/> Crack(s) in structure | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> Not Sure | <input type="checkbox"/> Not Inspected |
| <input type="checkbox"/> Plugged drain | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> Not Sure | <input type="checkbox"/> Not Inspected |
| <input type="checkbox"/> Bird nest | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> Not Sure | <input type="checkbox"/> Not Inspected |
| <input type="checkbox"/> Other: _____ | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> Not Sure | <input type="checkbox"/> Not Inspected |

Additional survey notes, including parts of the structure that were NOT inspected thoroughly (i.e. due to unsafe conditions or inaccessibility): _____

N/A – survey was thorough and complete.

Bat Indicators Observed: None Bats visible* Bats vocalizing Guano Staining Smell

*If bats are visible:

- I can count every bat on the structure. There are _____ bats.
- I can estimate the number of bats using this structure. There are approximately _____ bats.
- I cannot count nor estimate the number of bats using this structure.

If evidence of bat occupancy is observed, please photograph the entire roost area(s).

Additional notes about bat evidence or their use of the structure: _____

Evidence of Birds Nesting on Structure (excluding pigeons)? No Yes – see below; state/fed protections may apply
Check all that apply

Bird Species	Old Nest	Active Nest	Adult Present	Eggs/Young Present	Unknown Nest Stage	# Nests Observed	Location of Nest(s) Notes
Eastern Phoebe							
Barn Swallow							
Cliff Swallow							
Other							
Unknown Species							