

GEORGIA BATS IN BRIDGES DATASHEET

Investigator Name(s): \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Date: \_\_\_\_\_ County: \_\_\_\_\_

Lat: \_\_\_\_\_ Long: \_\_\_\_\_


Bridge Location: \_\_\_\_\_

GDOT Structure ID # \_\_\_\_\_

GDOT Pl. No \_\_\_\_\_

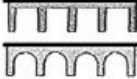
Bridge Type: (check one)

Parallel Box Beam 

Steel I-beam 

Pre-stressed Girder 

Flat Slab / Box 

Cast in Place 

Trapezoidal Box 

Culvert – Box

Culvert – Pipe/Round  Other: \_\_\_\_\_

Underdeck Material:

Concrete

Corrugated Steel

Other: \_\_\_\_\_

Road Type: (check one)  Interstate  U.S. Highway  State Road  County Road

Surrounding Habitat: (check all that apply)

Residential  Agriculture  Commercial  Woodland  Grassland  Ranching  Riparian  Mixed  Wetland

Conditions Under Bridge: (check all that apply)

Bare ground /sediment  Concrete  Rip rap  Flowing water  Standing water

Open vegetation (not obstructing flight path)  Closed vegetation (may obstruct flight path)

Two lane road  Four (or more) lane highway  Dirt road  Railroad

Bat indicators: (check all that apply)  Visual  Smell  Sound  Staining  Guano

Bats Present:  YES  NO

Species Present

- \_\_\_\_\_ Myotis septentrionalis (Northern long-eared)
- \_\_\_\_\_ Myotis sodalis (Indiana)
- \_\_\_\_\_ Myotis leibii (Eastern small-footed)
- \_\_\_\_\_ Myotis lucifugus (Little brown)
- \_\_\_\_\_ Myotis grisescens (Gray)
- \_\_\_\_\_ Myotis austroriparius (Southeastern)
- \_\_\_\_\_ Lasiurus borealis (Eastern red)
- \_\_\_\_\_ Lasiurus seminolus (Seminole)
- \_\_\_\_\_ Lasiurus intermedius (Northern yellow)

- \_\_\_\_\_ Lasiurus cinereus (Hoary)
- \_\_\_\_\_ Lasiurus noctivagans (Silver-haired)
- \_\_\_\_\_ Perimyotis subflavus (Tri-colored)
- \_\_\_\_\_ Eptesicus fuscus (Big brown)
- \_\_\_\_\_ Nycticeius humeralis (Evening)
- \_\_\_\_\_ Tadarida brasiliensis (Braz. free-tailed)
- \_\_\_\_\_ Corynorhinus rafinesquii (Rafinesque's)
- \_\_\_\_\_ UNKNOWN

Roost description (If known, check all that apply):  Day Roost  Nursery Roost  Night Roost  Unknown

Number of roosts \_\_\_\_\_

**Roost design: (check all that apply)**

- Crack/crevice/expansion joint: underside of bridge       Crack/crevice/expansion joint: top side of bridge
- Plugged drain    Under/along the main bridge structure    Rail    Other: \_\_\_\_\_

**Human disturbance or traffic under bridge or at structure?**    High       Low       None

**Evidence of bats using bird nests?**    Yes    No (if yes, please describe and photograph nest location)

**Areas Inspected: (check all that apply)**

- Vertical surfaces on I-beams     Vertical surfaces between concrete end walls and bridge deck
- Expansion joints       Rough surfaces       Guardrails       Crevices       Other: \_\_\_\_\_

**Areas NOT Inspected because of safety or inaccessibility:**

\_\_\_\_\_  
\_\_\_\_\_

**Additional Comments / Sketch:**

**Is there evidence of migratory birds using the structure?**    Yes    No

If yes, what species (excluding pigeons) are present, what evidence is there, and locations (check all that apply)?

# nests

- \_\_\_ **Barn Swallow**       Old Nest    Adults    Building    Complete Nest    Eggs    Young    Unkn Stage  
 concrete beam    steel beam    cap    pile/bent    rails    under deck, exterior sides    under deck, interior
- \_\_\_ **Cliff Swallow**       Old Nest    Adults    Building    Complete Nest    Eggs    Young    Unkn Stage  
 concrete beam    steel beam    cap    pile/bent    rails    under deck, exterior sides    under deck, interior
- \_\_\_ **Eastern Phoebe**       Old Nest    Adults    Building    Complete Nest    Eggs    Young    Unkn Stage  
 concrete beam    steel beam    cap    pile/bent    rails    under deck, exterior sides    under deck, interior
- \_\_\_ **Other:** \_\_\_\_\_    Old Nest    Adults    Building    Complete Nest    Eggs    Young    Unkn Stage  
 concrete beam    steel beam    cap    pile/bent    rails    under deck, exterior sides    under deck, interior