



Brimley Road South Multi-Use Trail BAT COMPENSATION FACTSHEET

Toronto and Region Conservation Authority (TRCA), in partnership with the City of Toronto, is constructing a paved, illuminated multi-use trail along the east side of Brimley Road South, starting at Barkdene Hills and ending at Bluffers Park Road in Bluffer's Park. The trail will address concerns for pedestrian and cyclist safety that currently exist along Brimley Road South.

The estimated completion date of the work is currently June 2027.

BAT HABITAT COMPENSATION

As some tree removals for the project include trees that could act as habitat for bat species, part of the project is to replace this habitat until the compensation plantings can grow to maturity to provide habitat value. These replacements are in the form of bat habitat stand-ins known as bat boxes.

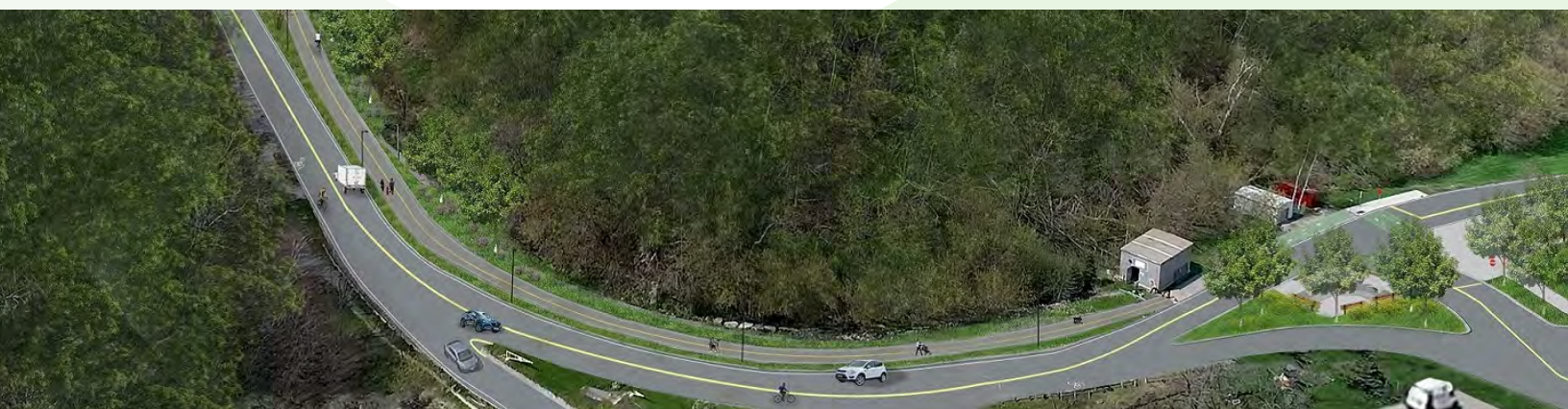
Bat boxes come in several forms, including single-chamber houses, multi-chamber houses, rocket boxes, and bat condos. The rocket box style is being used at our project site as it is the most appropriate option to create habitat in open areas, away from buildings, with substantial sun exposure where bats have clear flight access.

BAT HABITAT

The bats in this area primarily inhabit forested areas, prefer dense vegetation, and can roost under tree bark. One of the native species we are planting to promote future habitat is Red Oak (*Quercus rubra*).



Bat Rocket Box (TRCA, 2026)



Rocket boxes provide alternate roosting sites in the absence of mature trees. The box design includes two sections that bats can easily move between to find their preferred temperature throughout the day. These multiple chambers also help to support a larger colony. Inside ledges allow for plenty of places to roost. The box is made of pine and painted black to help maintain the correct temperatures.

The rocket boxes will include guano traps to confirm bat usage and species present.

Rocket Box Installed by TRCA (Metrolinx, 2026)



The Bat species in the area of the project consist of the following:

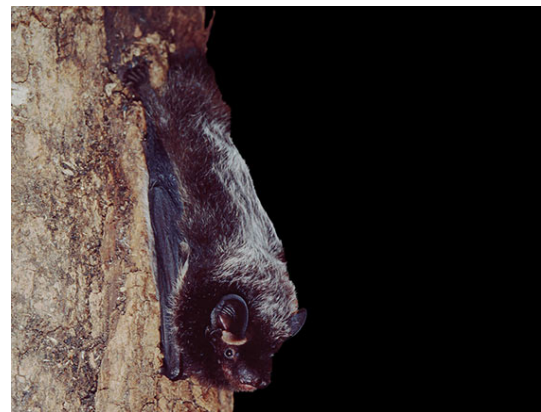
- Silver-haired Bat (*Lasionycteris noctivagans*)
- Big Brown Bat (*Eptesicus fuscus*)
- Eastern Red Bat (*Lasiurus borealis*)
- Hoary Bat (*Lasiurus cinereus*)

To learn more about Ontario bats and TRCA's monitoring programs, visit:

- Toronto Zoo - Meet Ontario's Bats
- TRCA - Monitoring Mysterious Mammals: Meet TRCA's Bat Team
- TRCA - Introducing TRCA's "Bat Detectives": Breaking Ground with Bat Monitoring

LEARN MORE

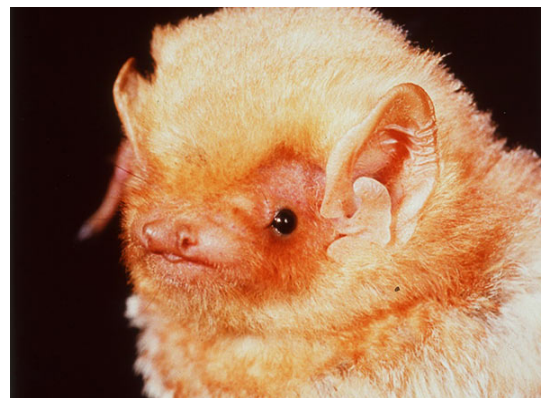
<https://trca.ca/swp>



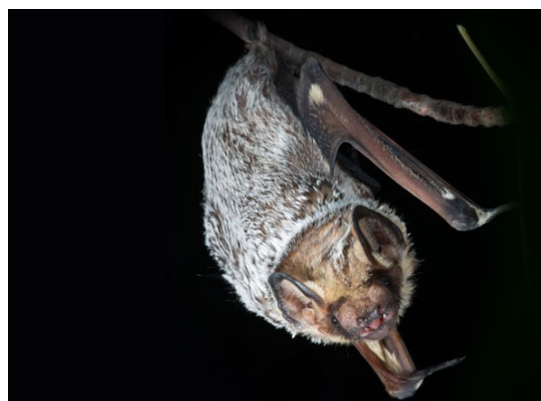
Silver-haired Bat (Toronto Zoo, 2026)



Big Brown Bat (Toronto Zoo, 2026)



Eastern Red Bat (Toronto Zoo, 2026)



Hoary Bat (Toronto Zoo, 2026)