

MAY, JUNE 2016



LOCATION:
Heart Lake Road, Etobicoke Creek Watershed

DATE:
May and June, 2016

REGION/MUNICIPALITY:
Region of Peel, City of Brampton

PARTNERS:
Toronto and Region Conservation (TRCA), Region of Peel, City of Brampton, Great Lakes Guardian Community Fund, Local Residents



Heart Lake Road Wildlife Passage, Directional Fencing and Turtle Beach Installation

TRCA, in partnership with the City of Brampton, have installed a dedicated wildlife culvert under Heart Lake Rd. to allow safe passage for wildlife as part of a long term road ecology study.

To facilitate access to the passage, directional wildlife fencing has been installed so animals are channeled to the culvert.

In addition, TRCA received funding through the Great Lakes Community Guardian Fund to continue studies at the Provincially Significant Wetlands along Heart Lake Road.

Part of this funding included the installation of turtle nesting beaches along Heart Lake Rd. and within Heart Lake Conservation Area where documented nesting has taken place. Gravel along the shoulders of roads provides an ideal nesting medium for female turtles. This location for laying eggs poses significant risks to turtles due to vehicle related fatalities as they return to their feeding grounds.

Turtle nest beaches have been created with a specific soil/gravel mix, providing an alternative area to lay eggs, directing the animal away from the road. Continued monitoring will be undertaken to track success of this passage.



POSITIVE ENVIRONMENTAL IMPACTS

Turtle Nest Beaches	Directional Fencing	Dedicated Wildlife Culvert Installed
3	500 metres	1