

## Block 51-1 Natural Heritage System

City of Brampton / NAK Design Strategies / Stonybrook Consulting  
Brampton, Ontario

### New Landscape, Large Landscape



The MP 51-1 Natural Heritage System was developed out of the Mount Pleasant Secondary Plan and the intention to create a “green coast”. The creation and enhancement of a connection of existing and new green spaces was the premise for the planning, which included the creation of grassland and woodland channels, wetlands, woodland areas, thickets, stormwater management ponds, neighbourhood parks and the relocation of East Huttonville Creek.

The NHS area is a redbreasted dace habitat and so the intention for restoration was to create habitats attractive to this species and others such as owls, birds, turtles and frogs. Specifically, channel features were designed and developed to create small nooks and spaces and habitats for amphibians to hide and bask. As this area will be located within a new community, sensitive design for habitats, including humans also needed to be considered. The NHS consists of a series of trails over 5 km long, 5 pedestrian bridges and signage including wayfinding and interpretive signs. Interpretive signs will be installed in specific locations throughout the system to educate and inform trial users of the ecological significance and history of the location. Photos and graphics were developed to help pedestrians learn about the function of the ecological systems of the NHS. The TCPL pipelines were a major barrier in the design of the NHS. Trails were built over the pipelines and culverts were installed under the trail to allow water to flow into the restored swamps on both the north and south sides. The MP 51-1 has been designed and restored as a complete naturalized network of channels attracting wildlife and educating residents about their community.

