

## Norval West Bypass: Existing conditions in the study area video – Text Description

The following provides a text version of the audio that is included in the video, “Existing conditions in the study area.”

### Slide 7 (Existing Conditions – Natural Environment)

During the review of the alternative alignment corridors and the 120 metres of land adjacent to each, the project team identified the following Natural Heritage features in the study area:

- Three species at risk and/or their habitat, including Butternut, which is an endangered tree; Little Brown Myotis, an endangered species of bat; and Redside Dace, an endangered fish species;
- Significant Wildlife Habitat (candidate or confirmed) for the following species: bats, the Eastern Wood-Pewee (a small forest bird), terrestrial chimney crayfish, and the Eastern Milksnake;
- Significant woodlands and valleylands, including woodlands that run along Silver Creek and Russell’s Hill of Pines;
- Significant wetlands, including the Hungry Hollow Provincially Significant Wetland; Churchville-Norval Provincially Significant Wetland Complex; Levi’s Creek Provincially Significant Wetland Complex; and three unevaluated wetlands to be considered during evaluation of route alternatives; and
- The Georgetown Credit Valley Life Science Area of Natural and Scientific Interest.

### Slide 8 (Existing Conditions – Cultural Heritage)

A Cultural Heritage Assessment Report is being prepared for the Municipal Class EA study.

- There are no Ontario Heritage Act designated properties present within the study area.
- Nine properties within the Hamlet of Norval are registered on the Town of Halton Hills Heritage List and five additional properties within the study area were identified as a Cultural Heritage Resource.

A Stage 1 Archaeological Assessment has also been completed.

- Given the undisturbed portions of the study area, there is potential for discovery of archaeological resources.
- Previously disturbed areas along 10 Side Road and Winston Churchill Boulevard have limited archaeological potential.

### Slide 9 (Future (2031) Do-Nothing Conditions – Transportation)

- A traffic assessment was completed for forecasted future travel demand to 2031 at the key intersection of Highway 7 and Adamson Street, and 10 Side Road and Adamson Street.
- The results illustrate a further decrease in capacity with a lower level-of-service during the AM and PM peak hours. In other words, the Hamlet of Norval is expected to experience significant traffic delays during peak travel periods by 2031.
- Based on this analysis, there is a need for a new Norval West Bypass and improvements to 10 Side Road to support future transportation demands.