

# APPENDIX N-1

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## Trail Location and Design

Addendum 1 – Detailed Description of Trail Sections (Coscorp)

## APPENDIX N-1: DETAILED DESCRIPTION OF TRAIL SECTIONS

A summary description of all of the sections of the Major Trails proposed for the Subject Lands is presented in Section 6 of this EIR/FSS. The location of each trail section is shown on **Drawings 7J and 7K**.

The trail locations meet the intent of the *North Oakville Trails Plan* (May 2013) and adhere to the requirements of the North Oakville East Secondary Plan (OPA 272) and NOCSS. Where it is necessary for trail sections to be located in features of the NHS (i.e., not in buffer areas which are agricultural fields), alternative locations have been assessed, to minimize and avoid, if possible, affecting the features or functions of the NHS, considering the natural heritage conditions and the engineering design requirements.

This Appendix provides discussion on each trail section shown on **Figure 6.4** with respect to location, design requirements, and potential natural heritage implications.

### TR33:

- The trail is located approximately 2.0 m inside the northern boundary of Core 10 feature limit;
- The land use in this area is currently agricultural with no vegetation requiring removal;
- Drainage from the trail will sheet drain into Core 10 towards PSW 33. The trail will have a cross slope of 2% south towards the NHS. Longitudinally, the trail will be sloped at an average of 0.3% to the west; and,
- The location and design of this trail section will have no impact on the Core 10 features or functions.

### TR34:

- This trail section is located approximately 2.0 m inside the eastern boundary of Core 10, defined by the 30m buffer from PSW 33;
- A Permit will be required from CH pursuant to Ontario Regulation 162/06;
- The land use in this area is currently agricultural with no vegetation requiring removal;
- At detailed design, in consultation with Town Parks staff, there may be an opportunity for the trail to meander away from the lot line. Currently, its location is based on Section 3.5 Trail Design Guidelines in the North Oakville Trails Plan where it states “3.0m maximum setback to private property from edge of clearance”. The trail would continue to be well removed from the wetland and will not affect the features or functions of the wetland;
- Drainage from the trail will sheet drain into Core 10 towards PSW 33. The trail will have a cross slope of 2% south towards the NHS. Longitudinally, the trail will be sloped at an average of 2.5% to the east; and,
- The location and design of this trail section will have no impact on the Core 10 features or functions.

### TR35:

- The trail is located approximately 2.0 m inside the northern boundary of Core 10 feature limit;
- The land use in this area is currently agricultural with no vegetation requiring removal;
- Drainage from the trail will sheet drain into Core 10 towards PSW 31 and PSW 31a. The trail will have a cross slope of 2% south towards the NHS. Longitudinally, the trail will be sloped at an average of 1.4% to the east;
- The trail is raised above existing grading in this area to provide frost cover on the culverts crossing underneath the trail. As noted in **Section 7.10** of the Addendum, the culverts will convey drainage from the lots southerly, underneath the trail, to the NHS to prevent sheet flow over top of the trail. Sloping is required on the south

side of the trail to transition down to existing grade. Approximately 4.5 m of 3:1 sloping will be located on the south side of the trail before matching existing grade; and,

- The location and design of this trail section will have no impact on the Core 10 features or functions.

**TR36:**

- The trail is located approximately 2.0 m inside the northern boundary of Core 10, defined by the 30m buffer to PSW 31A and will require a Permit from CH pursuant to Ontario Regulation 162/06;
- The land use in this area is currently agricultural with no vegetation requiring removal;
- At detailed design, in consultation with Town Parks staff, there may be an opportunity for the trail to meander away from the lot line. Currently, its location is based on Section 3.5 Trail Design Guidelines in the North Oakville Trails Plan where it states “*3.0 m maximum setback to private property from edge of clearance*”. The trail would continue to be well removed from the wetland and will not affect the features or functions of the wetland;
- Drainage from the trail will sheet drain into Core 10 towards PSW 31a. The trail will have a cross slope of 2% south towards the NHS; and,
- The location and design of this trail section will have no impact on the Core 10 features or functions.