

APPENDIX C: TECHNICAL SUPPORTING DOCUMENTS

APPENDIX C-4: ARBORIST MEMO

PART 1/1



Aug. 30, 2016



J. Bruin Associates Inc.
19 Old Orchard Grove
Toronto, ON M5M 2C8
Attn: Ms. Jennifer Bruin

Subject: Arborist review of proposed Hamilton LRT route with respect to the presence/absence of endangered tree species

As requested, I performed a site assessment on August 29 2016 to determine whether the proposed Hamilton LRT route would conflict with any tree species protected under Canada's Species at Risk Act (2002) or the Ontario Endangered Species Act (2007). The following species, identified under the Species at Risk in Ontario List, have been found within, or adjacent to, the limits of municipality of Hamilton: Butternut (*Juglans cinerea*) and American chestnut (*Castanea dentate*).

To determine the scope of work, reference was made during the assessment to the proposed LRT route as identified in the 'Design Workbook 1' prepared by Steer Davies Gleave, dated May 2016. The site assessment was performed by visual assessment from the ground. Trees located within the municipal right of way within the scope of work were included in the assessment.

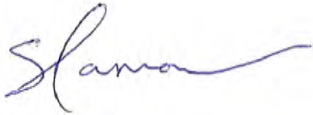
The outcome of the site assessment was that no butternut or American chestnut trees were identified in the municipal right of way within the scope of work.

A limitation of this assessment is that private properties were not entered, but viewed only from the municipal right of way. Therefore, properties that were identified for acquisition within the Design Workbook 1, as well as the Operations, Maintenance & Storage Facility, were not viewed in their entirety. Due to the highly urban environmental condition of the subject site and the relative sensitivity of butternut and American chestnut, in my opinion, it is improbable that these species are present. However, it is recommended that a complete

inventory and assessment of all trees that are to be affected by the proposed work be completed.

If there are any questions regarding the information in this letter, please do not hesitate to contact me at 416 268-7453.

Sincerely,

A handwritten signature in blue ink that reads "S Lamon". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Sarah Lamon M.F.C., I.S.A. Certified Arborist ON-1220A