



April 24, 2018

Warden Dave Marr
The County of Elgin
450 Sunset Drive
St. Thomas, ON N5R 5V1

Hydro One Class Environmental Assessment to reconfigure St. Thomas Transformer Station in your community

Dear Warden Marr:

This letter is to inform you that Hydro One Networks Inc. (Hydro One) has initiated a Class Environmental Assessment (EA) to de-energize the existing St. Thomas Transformer Station (TS) and reconfigure it as the newly constructed St. Thomas Junction. This work is essential to ensure a continued safe and reliable electricity supply to the area. The project area is shown on the attached maps.

Components within the current TS have reached their end-of-life, and the capabilities of a TS are no longer required because there is no load connected at the station. This project would involve removing all protection and automation-related facilities and equipment at St. Thomas TS, and reconfiguring the station into a junction. The new junction will provide a connection between two circuits and allow a continuous electricity supply without interruption. The project scope does not involve any major alterations to the primary relay building structure currently within the station fence. To accommodate this work, five steel transmission structures and associated conductors (wire) at Buchanan TS, located at 850 Pond Mills Road, would be permanently removed. Access would be accomplished using existing roads where possible. In addition, no adverse environmental effects are anticipated as a result of this project.

The St. Thomas Station TS de-energization project is subject to the Class EA for Minor Transmission Facilities (Hydro One, 2016), in accordance with the Ontario *Environmental Assessment Act*. The Class EA is a streamlined process to ensure that transmission projects that have a predictable range of effects have feasible environmental mitigation and/or protection measures in place. The Class EA process contains screening provisions that may apply to this project.

Contingent on the outcome of the Class EA process, construction may begin as early as late July 2018 to meet the planned in-service date of November 2019.

As per the request of the Minister of the Environment and Climate Change, information regarding the *Freedom Information and Protection of Privacy Act* is included and can be viewed below.

If you have any questions, or would like additional information regarding this project, please contact me at (416) 345-6598 or Community.Relations@HydroOne.com. Your input for this project is valued and would be appreciated by June 5, 2018.

Sincerely,

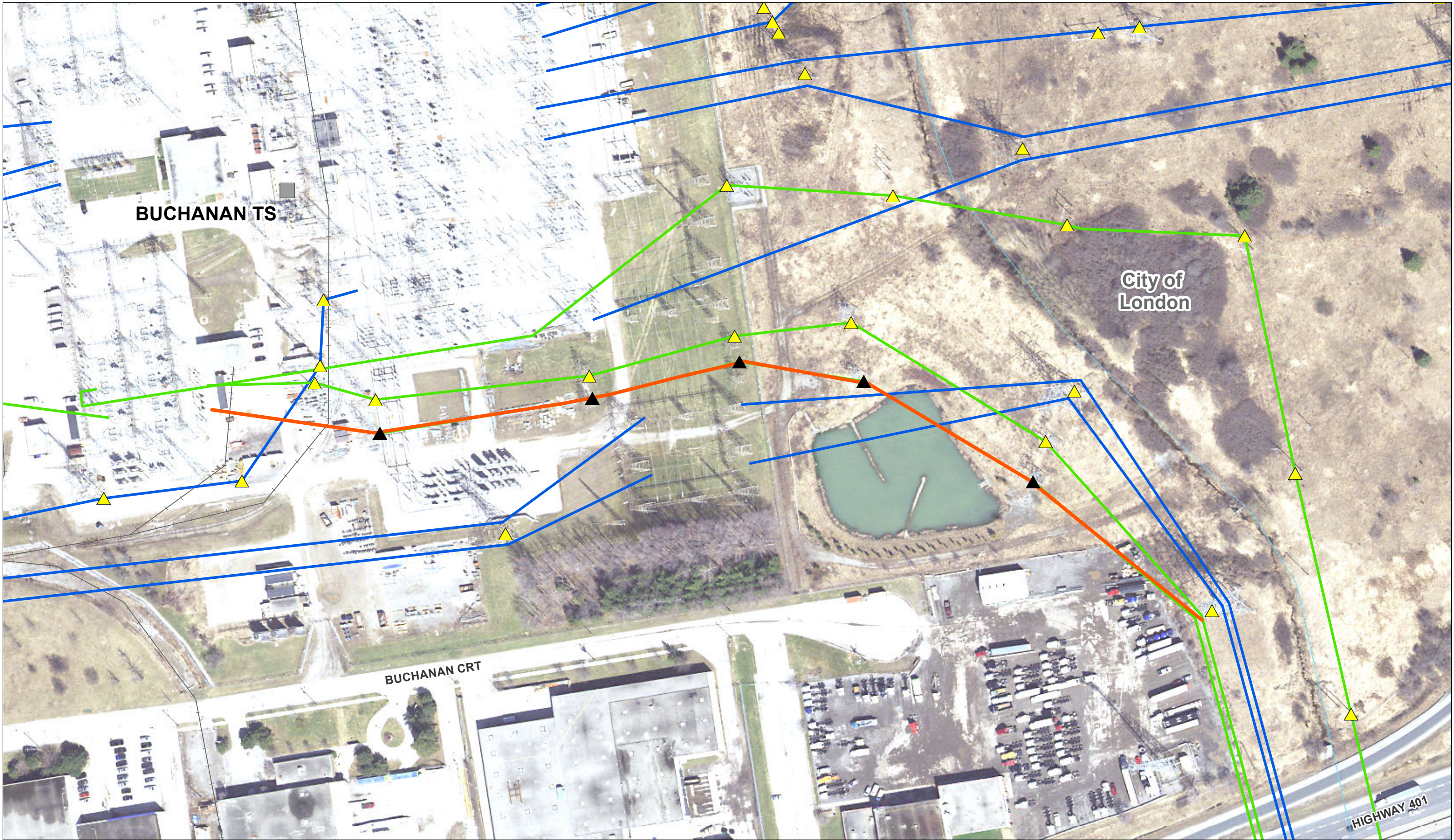


Craig Christie, Community Relations

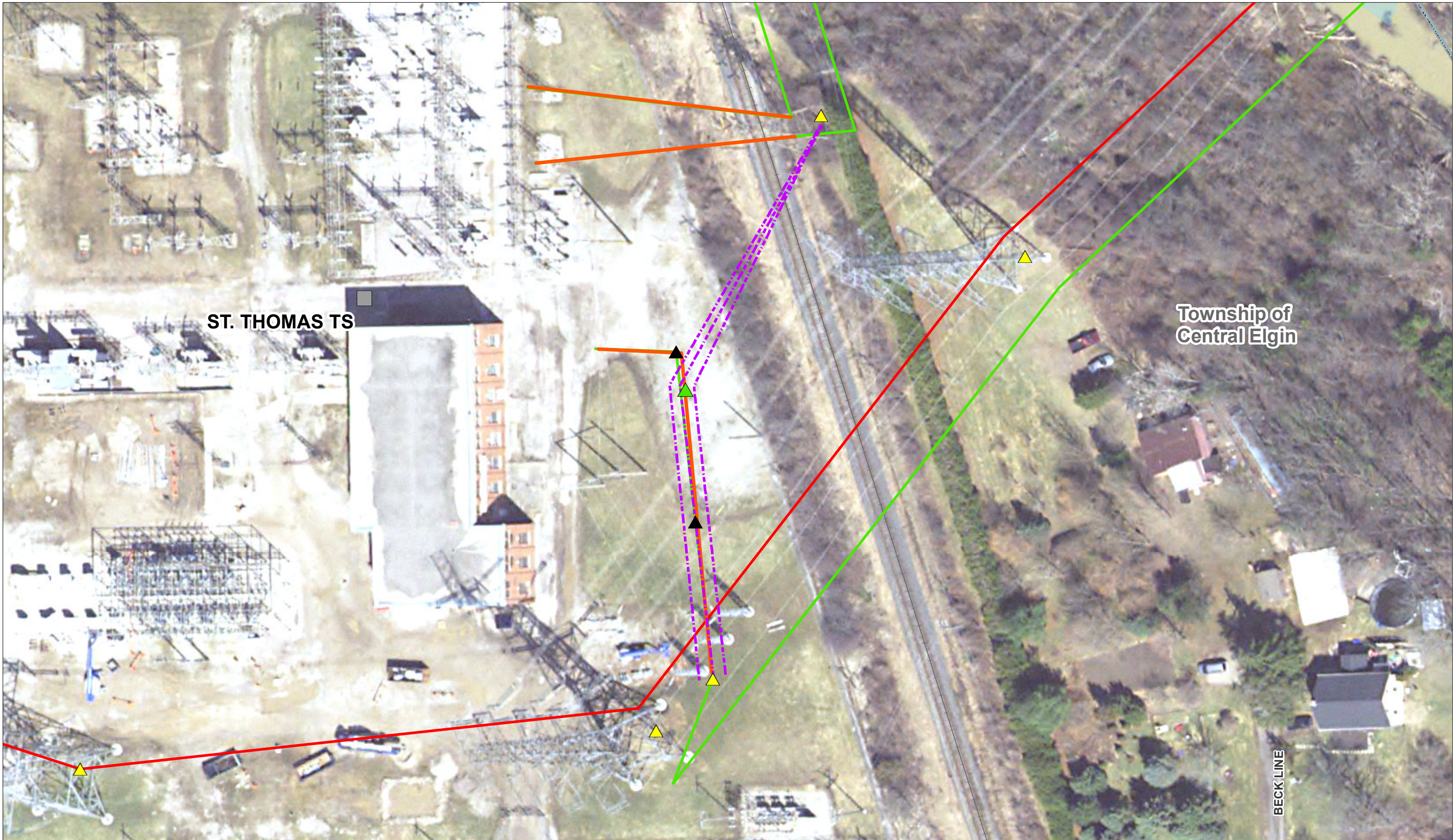
Enclosed (2 project area maps)

Freedom of Information and Protection of Privacy Act

All personal information included in a submission – such as name, address, telephone number and property location – is collected, maintained and disclosed by the Ministry of the Environment and Climate Change for the purpose of transparency and consultation. The information is collected under the authority of the *Environmental Assessment Act* or is collected and maintained for the purpose of creating a record that is available to the general public as described in s. 37 of the *Freedom of Information and Protection of Privacy Act*. Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential. For more information, please contact the Ministry of the Environment and Climate Change's Freedom of Information and Privacy Coordinator at 416-327-1434.



Transmission Line	Transformer Station	Circuit to be Removed	Waterbody
115 kV	Existing Structure	Railway	Watercourse
230 kV	Structure to be Removed		



hydro one
Produced By: InerGI LP, GIS Services
Date: April 13, 2018
Map18-36_StThomas_De-Energization_Project_StThomasTSWorkArea_GA
(C) Copyright Hydro One Networks Inc. All rights reserved. No part of this drawing may be redistributed or reproduced in any form by any photographic, electronic, mechanical or any other means, or used in any information storage or retrieval system. Neither Hydro One Networks Inc. nor any of its affiliates assumes liability for any errors or omissions.
Produced by Hydro One under Licence with the Ontario Ministry of Natural Resources
© Queen's Printer for Ontario, 2009.
NOT TO BE REPRODUCED OR REDISTRIBUTED CONFIDENTIAL TO HYDRO ONE NETWORKS INC.

Transmission Line	Existing Structure	Transformer Station	Railway
115 kV	Structure to be Removed	Circuit to be Removed	Waterbody
500 kV	Proposed New Structure	Proposed New Circuit	Watercourse

**St. Thomas De-Energization Project -
St. Thomas TS Work Area:
General Area Map**

1:600

0 10 20 m