Appendix G5

Sunny Acres Community Meeting –
January 2007

Stantec Consulting Ltd.
361 Southgate Drive
Guelph ON N1G 3M5
Tel: (519) 836-6050 Fax: (519) 836-2493
stantec.com

Stantec

January 15, 2007
File: 160960180

Dear Landowner/Tenant:

Reference: Wolfe Island Wind Project: 230 kV Underground Transmission Line

Canadian Renewable Energy Corporation ("CREC"), a wholly owned subsidiary of Canadian Hydro Developers, Inc., and Stantec Consulting Ltd. ("Stantec") will be hosting a Community Meeting regarding the proposed 230 kV underground transmission line for the Wolfe Island Wind Project ("the Project"). This transmission line is required to transmit the electricity generated by the Project to the provincial grid at the Gardiners Transformer Station in the City of Kingston.

In 2005, CREC had originally proposed an overhead 230 kV transmission line running on the east side of Sunny Acres Road. In response to feedback from the community, CREC considered additional routes, namely on Carruthers Point and just west of Cataraqui Bay. This proposed Carruthers Point route was presented at the Public Open Houses held in March 2006.

Continuing project evaluation activities have resulted in CREC having to return to the original alignment parallel to Sunny Acres Road, either on private land, or possibly within the public road right-of-way. The attached figure shows general corridors on both private and public lands – some combination of these areas will be used in the final routing. CREC has listened to the community, and **the new transmission line will be underground, and the final route will avoid Paterson Park**.

The purpose of this letter is to invite you to attend the Community Meeting to provide comments and/or ask questions regarding this modification. Representatives from both CREC and Stantec will be available to answer questions and receive comments. The Community Meeting will be held at:

When: Tuesday, 30 January, 2007
Time: 6:00 to 8:00 p.m.
7:00 p.m. presentation
Where: Portsmouth Olympic Harbour (Press Lounge), Kingston

Reference: Wolfe Island Wind Project: 230 **kV Underground Transmission Line**

We hope that you will attend the meeting, however, if you are unable to join us we welcome your input. To provide the study team with your comments, or for further information, please contact Rob Miller from CREC at (613) 545-0215, Stantec at (519) 836-6050 (call collect), email at **comments@wolfeislandwind.com** or visit the project website at **www.wolfeislandwind.com**.

CREC and Stantec would like to take this opportunity to extend our thanks for your participation in this renewable energy initiative.

Sincerely,

STANTEC CONSULTING LTD.

Kara Hearne
Project Manager
kara.hearne@stantec.com
Tel: (519)836-6050 ext. 206
Fax: (519)836-2493

Attachment: General Routing Options for 230 kV Underground Transmission Line – Kingston Mainland

Potential Underground Transmission Line Right of Way - Public Land
Potential Underground Transmission Line Right of Way - Private Land
Parkland
Existing Public Roads

CREC
CANADIAN RENEWABLE ENERGY CORPORATION

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Canadian Renewable Energy Corporation

Wolfe Island Wind Project
General Routing Options for 230 kV
Underground Transmission Line
Kingston Mainland

CANADIAN HYDRO DEVELOPERS, INC.

Wolfe Island Wind Project

Contact Us - Get Involved!

Stakeholder involvement is a vital part of the Environmental Screening Process. You can participate by:

- Submitting your comments using this form
- Sending an email with your comments to: comments@wolfeislandwind.com
- Sending written comments by mail or fax to:

Kara Hearne
Project Manager
Wolfe Island Wind Project
Stantec Consulting Ltd.
361 Southgate Drive
Guelph, Ontario N1G 3M5
Telephone: 519-836-6050 (call collect)
Fax: 519-836-2493

You can also sign up to receive future project information

☐ Please sign me up to be on the Wolfe Island Wind Project distribution list

Name: _____

Affiliation: _____

Address: _____

Lot/Concession/Township: _____

Postal Code: _____

Telephone: _____

Fax: _____

Email: _____

Website: www.wolfeislandwind.com

Information will be collected and used in accordance with the *Freedom of Information and Protection of Privacy Act*, and solely for the purpose of assisting CHD in meeting environmental assessment and local planning requirements. This material will be maintained on file for use during the study and may be included in project documentation. With the exception of personal information, all comments will become part of the public record

We welcome your comments.

Please feel free to use this form to submit your comments to the accompanying address.

_____

_____

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Place stamp here

Kara Hearne
Project Manager
Wolfe Island Wind Project
Stantec Consulting Ltd.
361 Southgate Drive
Guelph, Ontario N1G 3M5

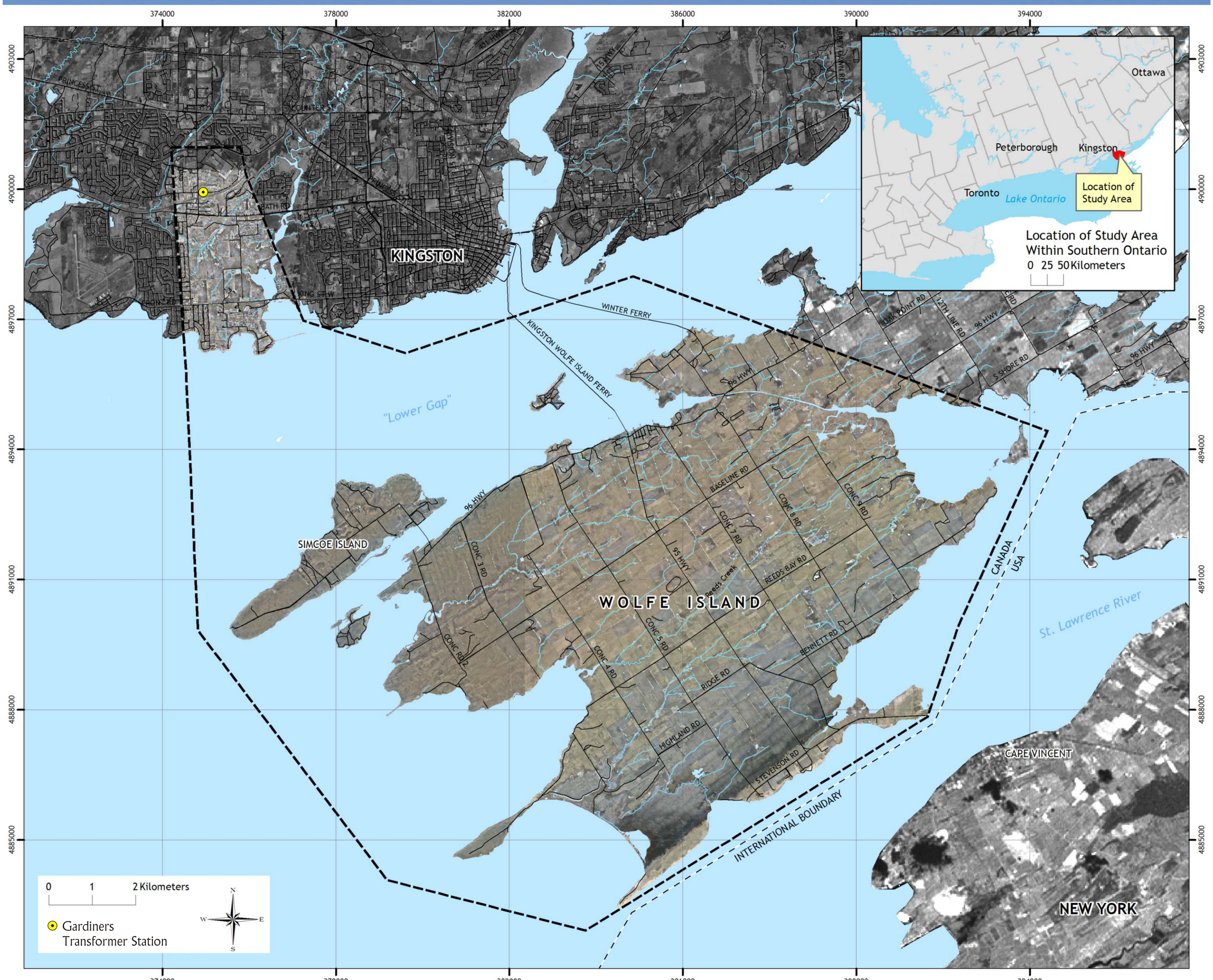
Welcome

to this Community Meeting for the

Wolfe Island Wind Project

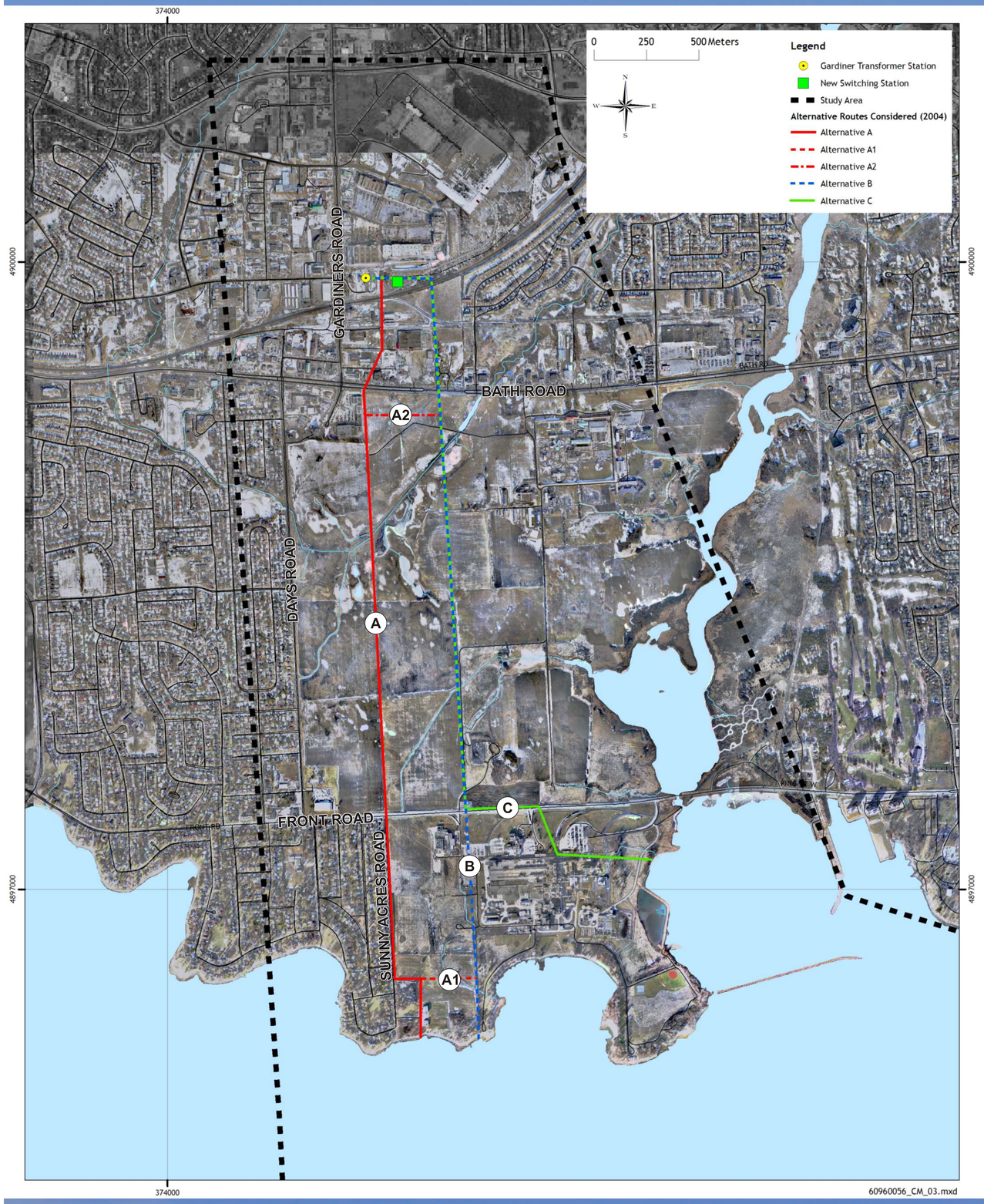
Tuesday, January 30, 2007
Portsmouth Olympic Harbour
6:00 to 8:00pm

Wolfe Island Wind Project Overview



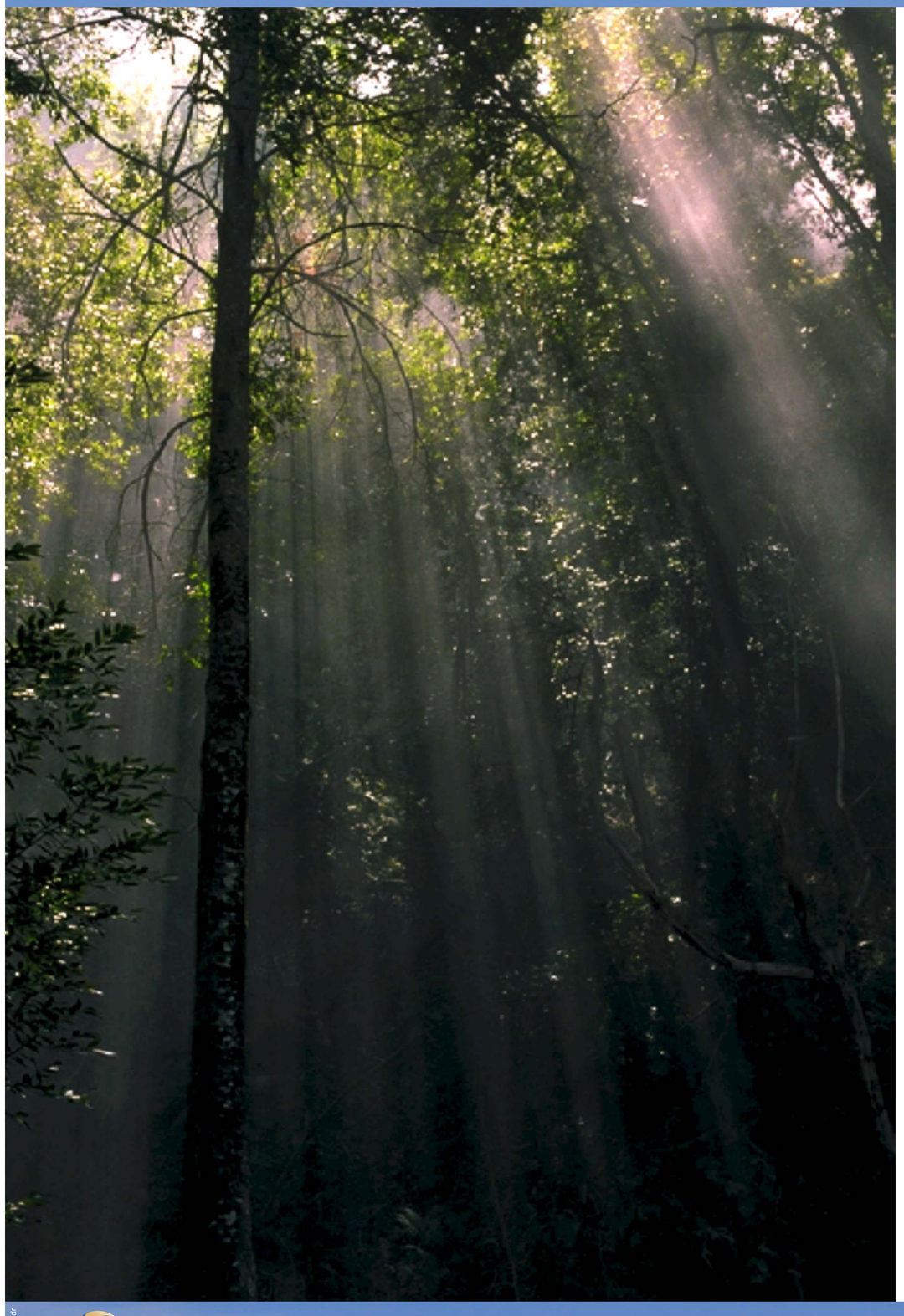
- Canadian Hydro Developers, Inc., through its wholly owned subsidiary Canadian Renewable Energy Corporation ("CREC"), is proposing to build a 197.8 megawatt ("MW") wind plant on Wolfe Island
- 86 - 2.3 MW wind turbine generators will be strategically placed over the western portion of the Island
- Electricity from the Project will be transmitted by a new electrical transmission line that will run underwater through a portion of the St. Lawrence River, known locally as the "Lower Gap"
- On the Kingston mainland, the transmission line will connect with the provincial grid adjacent to Hydro One Network Inc.'s Gardiners Transformer Station

Alternative Routes Considered (2004)



Routes considered in 2004, during the early stages of the Project

Route Evaluation Criteria (2004)



The Alternative Routes identified in 2004 were subjected to a comparative evaluation in order to select a route that best satisfied a series of criteria and considerations.

These were:

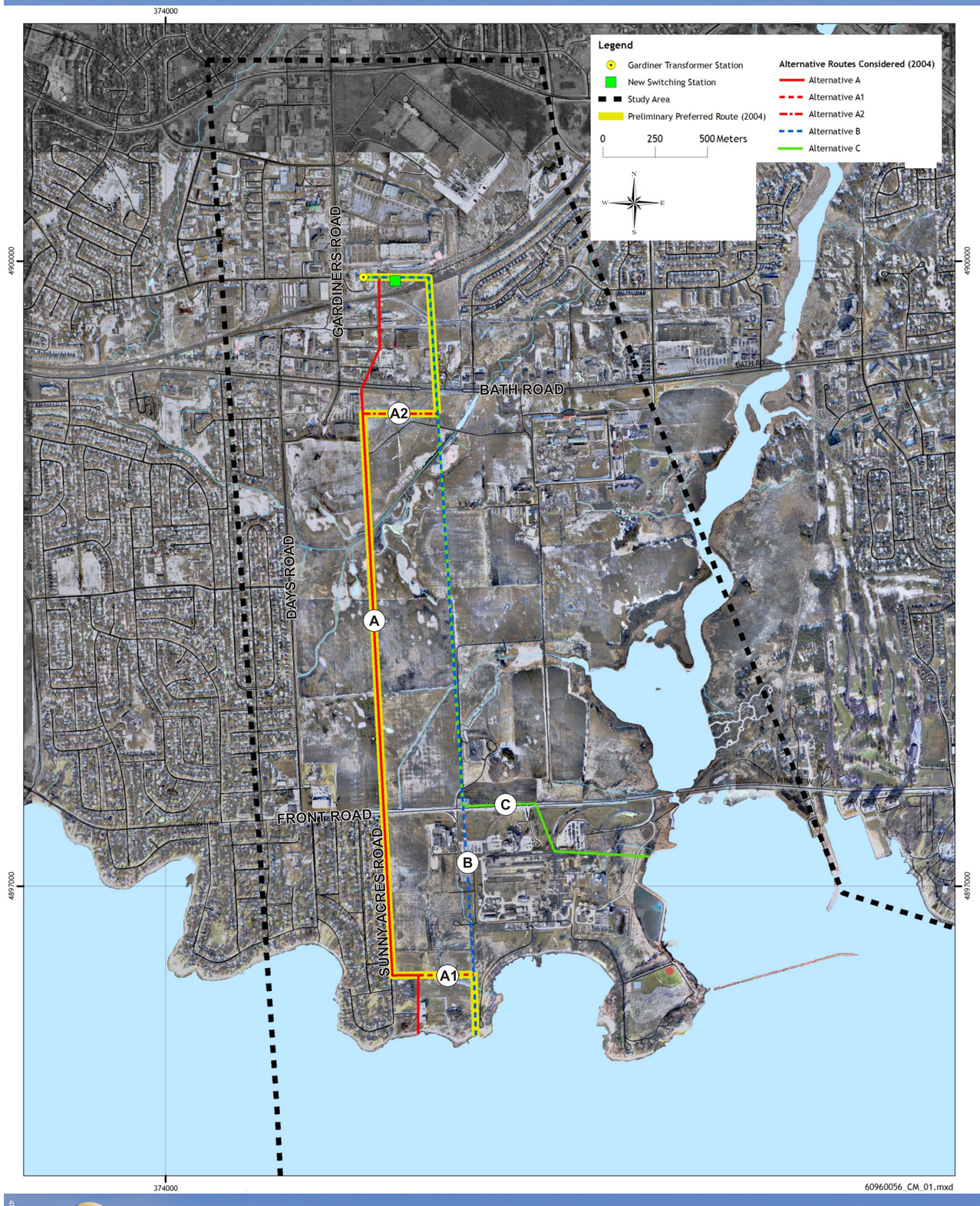
Environmental / Social Criteria

- Wetland Restoration Area
- Woodlots/Trees
- Agricultural Lands
- Commercial Properties/Activities
- Recreational Lands
- Visual Change (Proximity to residential properties)

Engineering considerations

- Total Length of Line
- Follow Existing Utility Right-of-Way
- Access to Waterfront
- Number of Directional Changes along Route

Preliminary Preferred Route (2004)



Evaluation Results for Alternative Routes

The comparative evaluation of the potential routes yielded the following results, leading to the identification of a preliminary preferred route:

Route A: viable, but not preferred by local residents

Route B: rejected because of landowner opposition to positioning of the route south of Front Road, and Correctional Service Canada's preference to follow the existing right-of-way rather than create a new easement

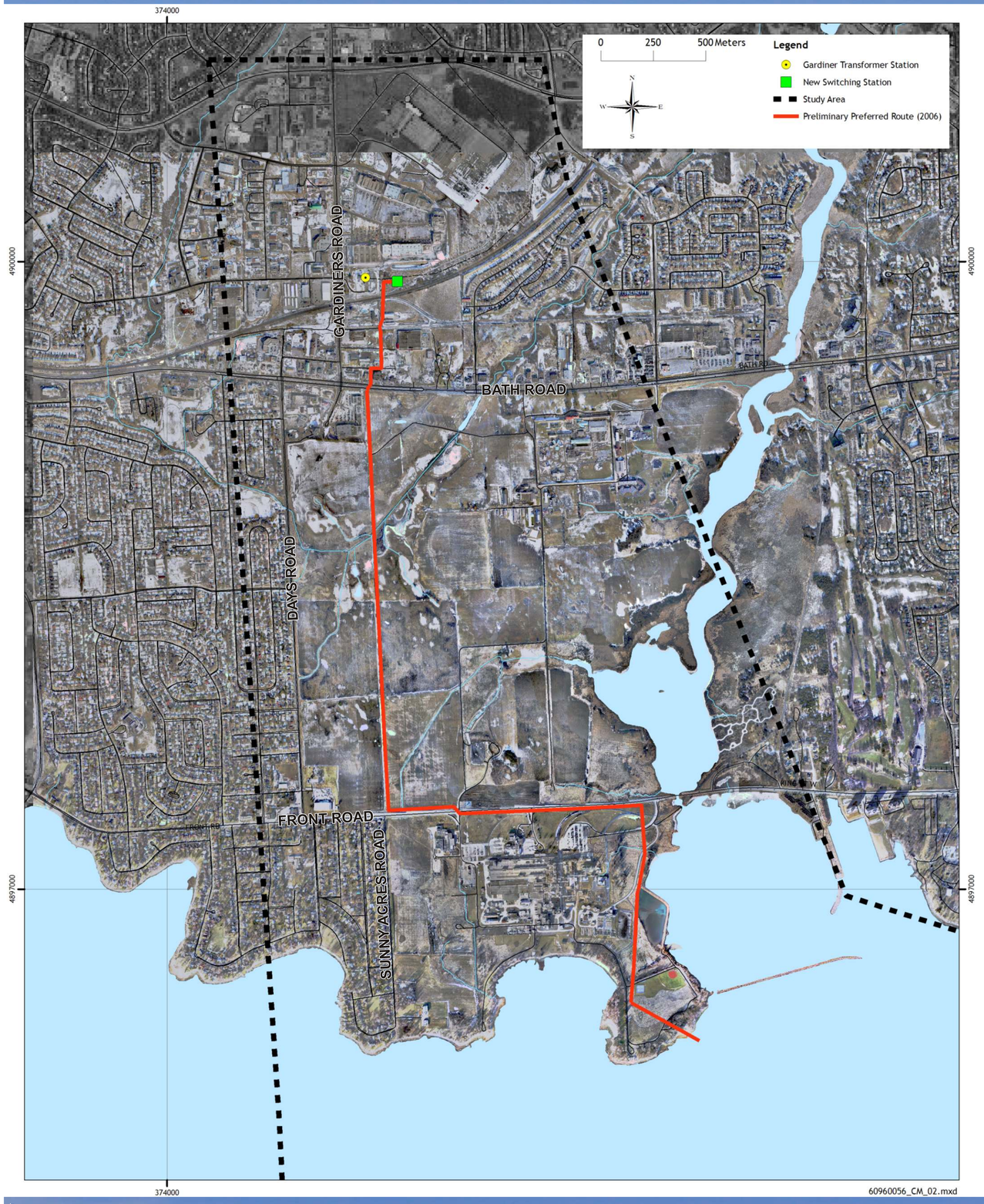
Route C: rejected because of potential for contaminated sediments in Cataraqui Bay, extensive marshland, and a condominium development on or in the vicinity of the route.

To address community concerns, after evaluation the preliminary preferred route modified Alternative A:

- landfall for Alternative B
- west on Alternative A1
- north on Alternative A

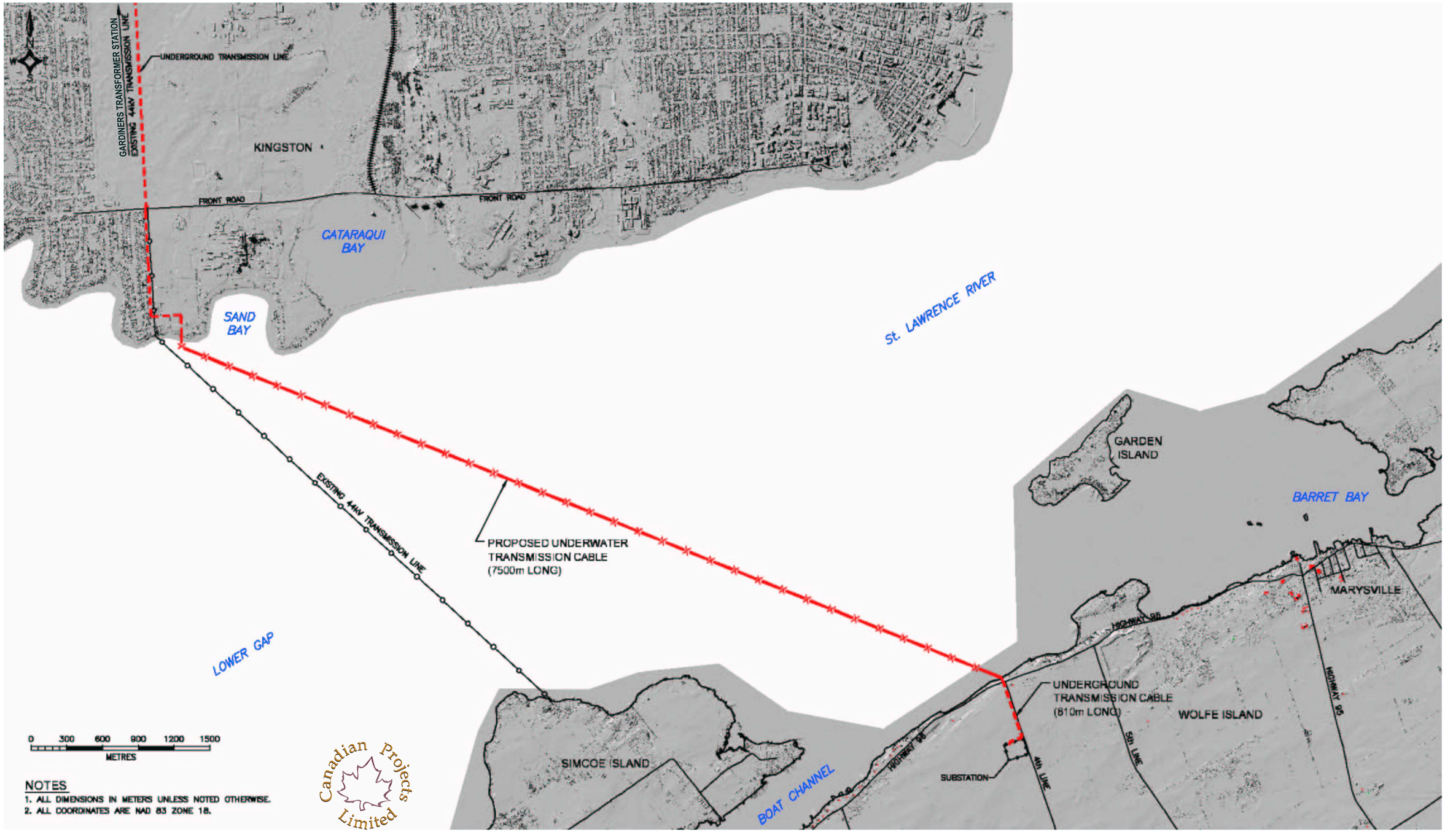
This alignment avoided Paterson Park, which was a public issue.

Additional Alternate Route Considered (2006)



- When Canadian Hydro Developers acquired CREC in 2005, in response to stakeholder feedback, they decided to look at another potential route with a landfall at Carruthers Point
- This route was presented at the March 2006 Public Open House for the Project
- This route has recently been abandoned because:
  - Many underground and overhead utilities already present on the narrow peninsula
  - The presence of rail tracks that would require a specialized crossing with additional approvals
  - Host land owners did not want the transmission line on their property along the Front Road corridor

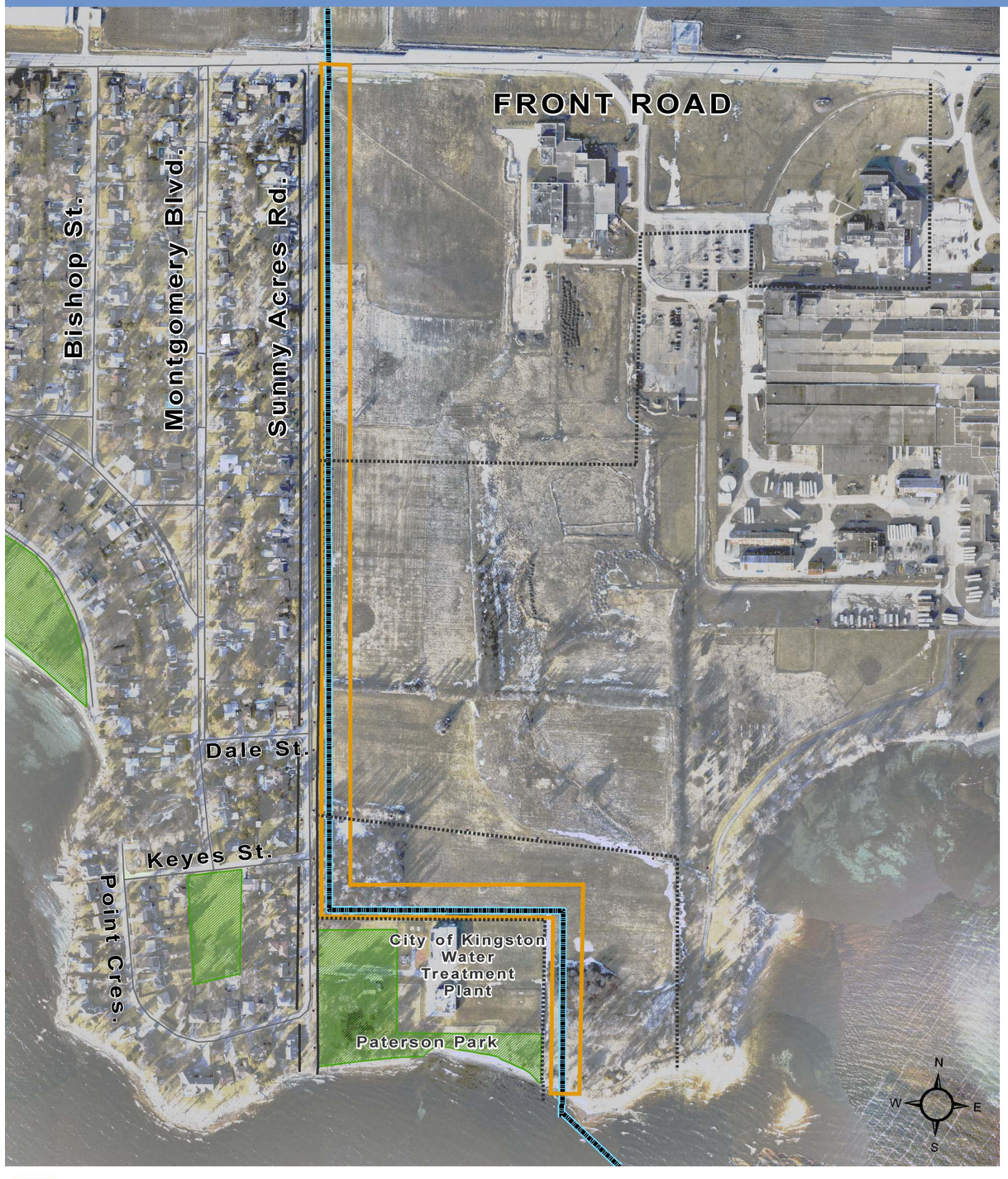
230kV Transmission Route Underwater Corridor Plan



NOTES
1. ALL DIMENSIONS IN METERS UNLESS NOTED OTHERWISE.
2. ALL COORDINATES ARE NAD 83 ZONE 18.

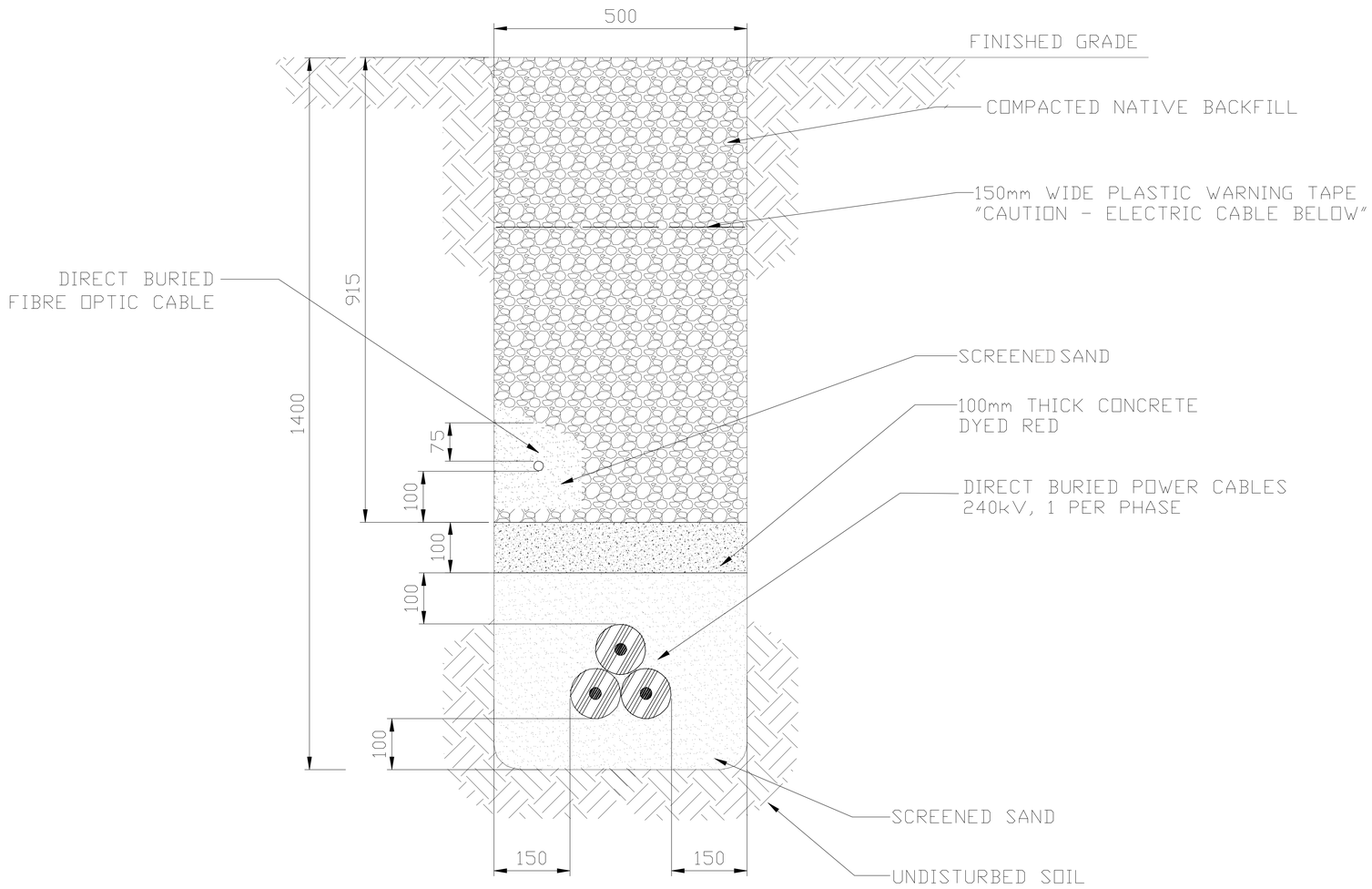
Canadian Projects Limited

Preferred Route: south of Front Road (2007)



- After more study and consideration throughout 2006, CREC has identified a variation of the 2004 Preliminary Preferred Route that will satisfies all routing objectives
- To address residents' concerns, CREC will bury the cable along its entire length and will avoid Paterson Park at twice the cost of overhead lines. The cost per kilometre of underground line is expected to be $2.8 million, versus $1.4 million for overhead lines; an additional project cost of $5.6 million
- The route will use some combination of private and public land to reach the Gardiners Transformer Station
- The final variation of the Preferred Route will be identified after further study and agreement with host land owners
- The Final Preferred Route will be documented in the Environmental Review Report (ERR)
- There is opportunity for further review and public consultation and comment as part of the ERR

Construction Sequence and Cable Trench Detail



1 / ~ TYPICAL TRENCH DETAIL FOR 230kV BURIED CABLES
NON-VEHICULAR & VEHICULAR AREAS

note: all units in millimetres (mm)

#1 Dig trench

#2 Lay a 100 mm (4") bed of screened sand

#3 Lay 3, 230 kV transmission cables

#4 Cover cables with 100 mm (4") of sand

#5 Cap with 100 mm (4") of concrete dyed red for cable protection and safety

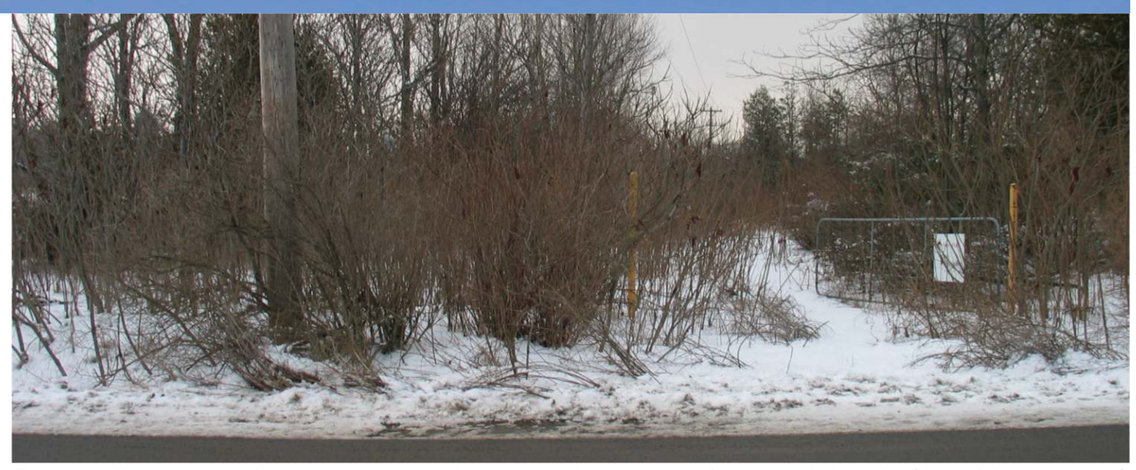
#6 Backfill and compact the trench with native material

#7 Contour and reclaim the trench

#8 Survey the final location of the line and file this information with appropriate agency

Images of the study area south of Front Road

DuPont building (white), Invista in background,
Front Road with powerlines (looking southeast)



Powerline corridor, top side, north side of tree block (looking east)

Sunny Acres Road looking south to water, Lake Ontario

Water Treatment Plant building and transformer
(looking northeast)

End of Invista fence line at waters edge (looking southeast)

Looking west along shoreline

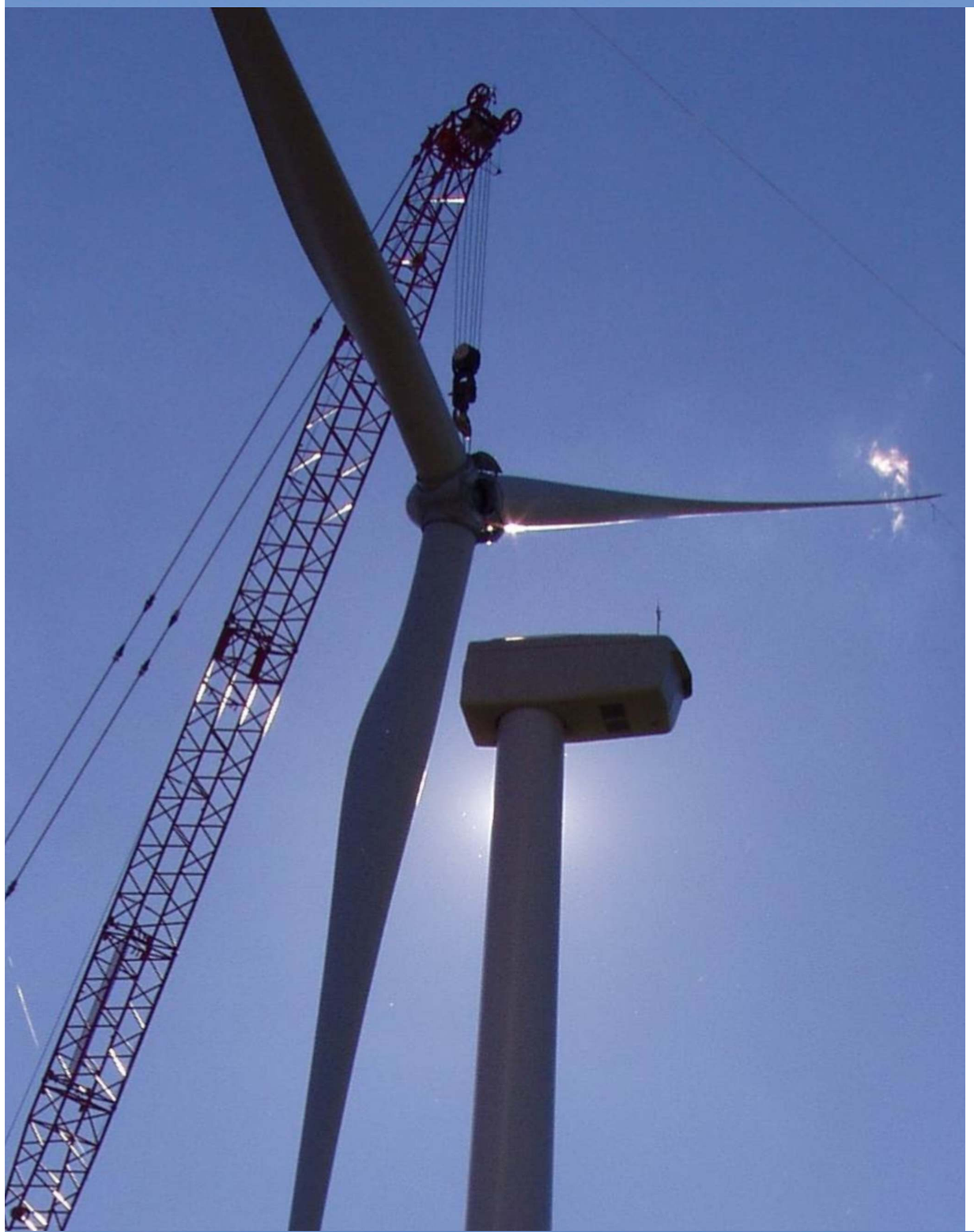
South view from
Sunny Acres Road

Sunny Acres Road looking south,
row of pine trees and berm to
shield view of Invista from residents

End of Invista fence line

Front Road looking north
along powerline, on
Correctional Services Canada
lands

Construction Considerations



- Minimal disruption to residents is expected as the majority of work is planned for private lands and will be completed quickly (approximately 3 weeks)
- Access to private driveways will not be affected
- Construction will occur during permitted hours, as set by the City
- Construction will comply with dust, noise, and all other by-laws
- Appropriate fencing and signage will be used to ensure public safety
- Construction is expected to take three weeks for the portion from the waterfront (shoreline) to Front Road

Typical equipment used for construction of underground transmission lines

Cable reels

Placing sand in trench

Double trench

Plastic warning tape

Potential Effects

Groundwater

If encountered during construction, industry best practices will be followed for de-watering procedures and trench backfilling to avoid effects on groundwater

Archeological

The possibility of unearthing artifacts during excavation exists. If encountered, the Ontario Ministry of Culture's archaeological processes and procedures will be followed

Electric and Magnetic Fields

Very low and essentially at natural background levels at 10 metres away - like a hairdryer at 6"

Restoration

The site will be contoured and rehabilitated to its pre-construction state

Visual

No operational effect, the line will not be visible after construction is completed

Your input is important to us!

Please provide us with your ideas, comments, and suggestions on the Wolfe Island Wind Project

You can contact us by:

Facsimile: 1-519-836-2493
Website: www.wolfeislandwind.com
Email: comments@wolfeislandwind.com
Phone: 1-519-836-6050 (call collect)

Or write to us:

Kara Hearne
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