

CITY OF VAUGHAN

EXTRACT FROM COUNCIL MEETING MINUTES OF MARCH 18, 2014

Item 1, Report No. 13, of the Committee of the Whole (Working Session), which was adopted without amendment by the Council of the City of Vaughan on March 18, 2014.

1

**TRANSCANADA CORPORATION PRESENTATION
KING'S NORTH PIPELINE CONNECTION PROJECT
WARD 2**

The Committee of the Whole (Working Session) recommends:

- 1) That TransCanada Corporation be requested to submit a report to the City of Vaughan, within the context of the Environmental Assessment (EA), that duly analyzes and identifies the socio-economic and natural environment impacts from the proposed pipeline routing, including City approved land use plans and individual land parcels;
- 2) That the TransCanada Corporation Environmental Assessment (EA) fully document impacts during construction, infrastructure life cycle impacts and potential issues during extreme weather events, to all City owned rights of way, parks, other lands, and identified environmental features;
- 3) That these reports of the impacts, including a Risk Assessment report of the project, be provided before the finalization and filing of the Environmental Assessment (EA);
- 4) That staff explore opportunities to encourage existing infrastructure corridor partners to work cooperatively with TransCanada Corporation to ensure best use of existing infrastructure corridors;
- 5) That staff bring forward the above requested reports for discussion to a future Committee of the Whole (Working Session) meeting;
- 6) That the presentation and Communication C2, presentation material entitled, *"Proposed King's North Connection Projection"*, from Mr. Patrick Leys and Mr. Brian L. West, TransCanada Corporation, 1st Street S. W. Calgary, Alberta, be received;
- 7) That the report of the Commissioner of Engineering and Public Works and the Director of Engineering Services, dated March 4, 2014, be received;
- 8) That the following deputations be received:
 - 1) Ms. Janice Badgley, TransCanada Corporation, Bay Street, Toronto;
 - 2) Mr. Emilio Bisceglia, Bisceglia and Associates, Jane Street, Concord, on behalf of Humberplex Developments Inc.;
 - 3) Mr. Claudio Brutto, Brutto Consulting, Edgeley Boulevard Vaughan;
 - 4) Mr. Roy Mason, KLM Planning Partners, Jardin Drive, Concord, on behalf of Huntington Landowners Group;
 - 5) Mr. Bob Lehman, Lehman & Associates, Collier Street, Barrie, on behalf of TransCanada Corporation; and
 - 6) Ms Amanda Abbate, TransCanada Corporation, 1st Street S. W. Calgary, Alberta; and
- 9) That the following Communications be received:
 - C1. Confidential memorandum from the Director of Legal Services, dated February 28, 2014; and
 - C3. Mr. Orjan B. Carlson, UEL urban ecosystems, Weston Road, Woodbridge, on behalf of the Huntington Landowners Group.

CITY OF VAUGHAN

EXTRACT FROM COUNCIL MEETING MINUTES OF MARCH 18, 2014

Item 1, CW(WS) Report No. 13 – Page 2

Recommendation

The Commissioner of Engineering and Public Works and the Director of Engineering Services recommend:

1. That the presentation from TransCanada Corporation staff on the proposed King's North Connection Project be received.

Contribution to Sustainability

Not Applicable.

Economic Impact

There is no direct economic impact resulting from the recommendations of this report.

Communication Plan

Information on the proposed King's North Connection Project is being communicated through media coverage, open houses, website postings, advertisement and print material by TransCanada Corporation.

Purpose

The purpose of this report is to provide Council with an overview of the proposed King's North Connection project as a precursor to a more detailed presentation from TransCanada Corporation staff.

Background – Analysis and Options

TransCanada Corporation is proposing to construct a new natural gas pipeline within the cities of Brampton, Toronto and Vaughan, known as the King's North Connection project. (Refer to Attachment No. 1). The proposed pipeline will be 900mm in diameter and approximately 13km in length. The proposed route is planned to be constructed within a new right of way following the existing and proposed Highway 427 (in part).

The King's North Connection project is designed to connect the new natural gas facilities proposed by Enbridge Inc. (as part of the GTA project) with TransCanada's existing pipeline infrastructure.

As the currently proposed pipeline route will cross City roads, namely Huntington Road and Zenway Boulevard, approval for each crossing will be required in the form of a Road Occupancy Permit(ROP) prior to construction. As part of the ROP, staff will review the detailed design drawings of the pipeline for any potential impacts to the City's infrastructure.

Relationship to Vaughan Vision 2020/Strategic Plan

Not Applicable.

Regional Implications

Approval by the Regional Municipality of York will be required where the proposed pipeline crosses Regional roads.

CITY OF VAUGHAN

EXTRACT FROM COUNCIL MEETING MINUTES OF MARCH 18, 2014

Item 1, CW(WS) Report No. 13 – Page 3

Conclusion

That the presentation by the TransCanada Corporation staff on the King's North Connection project be received.

Attachments

Attachment No.1 – Location map

Attachment No.2 – King's North Connection project information sheet

Report Prepared by:

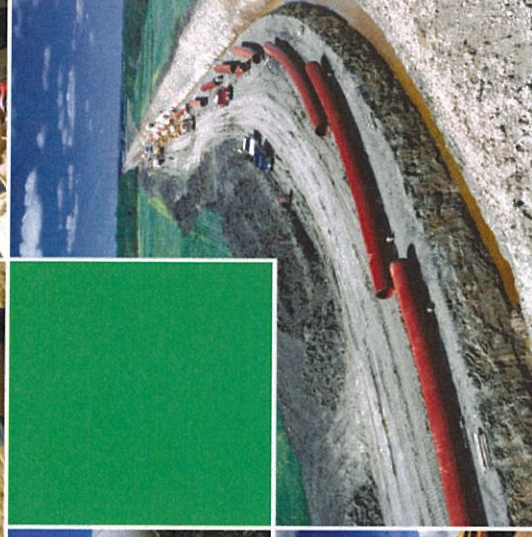
Justin Metras, Manager of Construction Services, Ext. 8725

(A copy of the attachments referred to in the foregoing have been forwarded to each Member of Council and a copy thereof is also on file in the office of the City Clerk.)

CA - Communication

CW (ws)

MARCH 4, 2014 - Item #1



Proposed King's North Connection Project

March 4, 2014

Committee of the Whole Meeting

City of Vaughan



King's North Connection Project



We are here to:

- Provide general information about TransCanada
- Introduce TransCanada's proposed King's North Connection project
- Outline the regulatory approval process
- Answer your questions and receive your comments

Who is TransCanada?

- With more than 60 years of experience, TransCanada is a leader in the responsible development and reliable operation of North American energy infrastructure
- TransCanada moves 20% of North America's natural gas from supply to market
- TransCanada owns or has interests in over 11,800 megawatts of power generation in Canada and the United States, enough energy to power 11 million homes



TransCanada in Ontario



- Owns and operates nearly 8,000 kilometres of natural gas transmission pipeline
- Generates approximately 3,500 megawatts of electricity, enough to power 3.5 million homes
- Employs approximately 250 permanent staff as well as hundreds of additional specialized contractors
- Pays more than \$33 million annually in salaries
- Pays more than \$74 million annually in property taxes
- Contributed more than \$11 million to community organizations in the last decade

TransCanada's existing pipeline facilities in Vaughan



- TransCanada currently operates 31 km of natural gas transmission pipeline and associated facilities in the City of Vaughan running northwest between Highway 50 and Bathurst Street
- Includes the Maple Compressor Station on Weston Road and a meter station on Bathurst St.
- TransCanada paid \$622,693 in municipal taxes to the City of Vaughan in 2013

Recent TransCanada Construction Projects

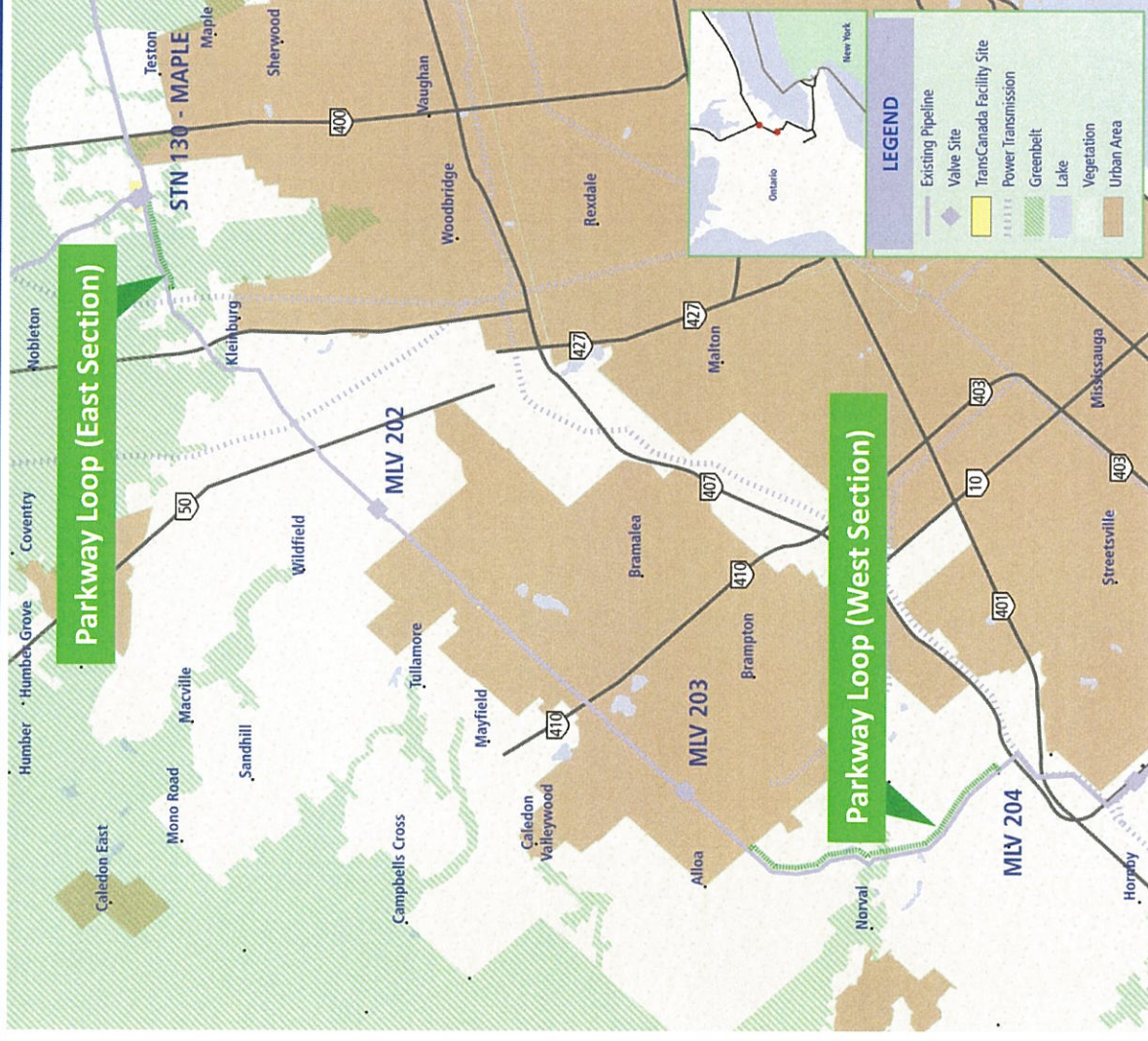


Parkway Loop

- In-service February 2013

Maple Compressor Station Upgrade

- In service November 2013
- Two new compressor units added at the Maple Compressor Station



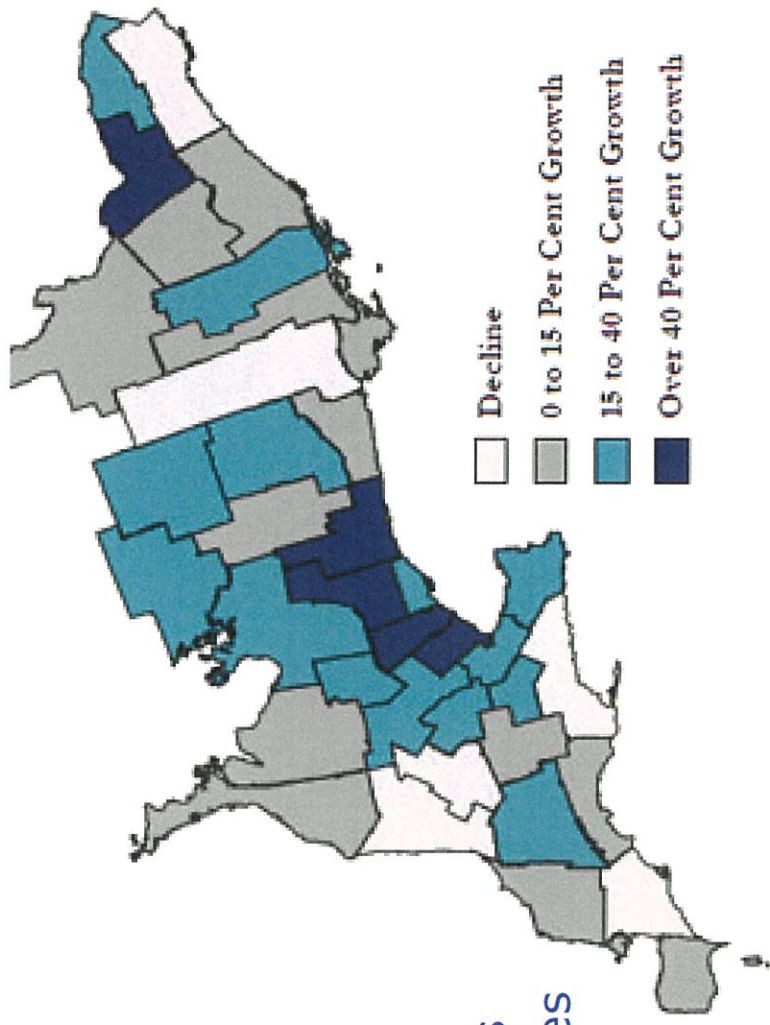
Commercial Need



Key Drivers:

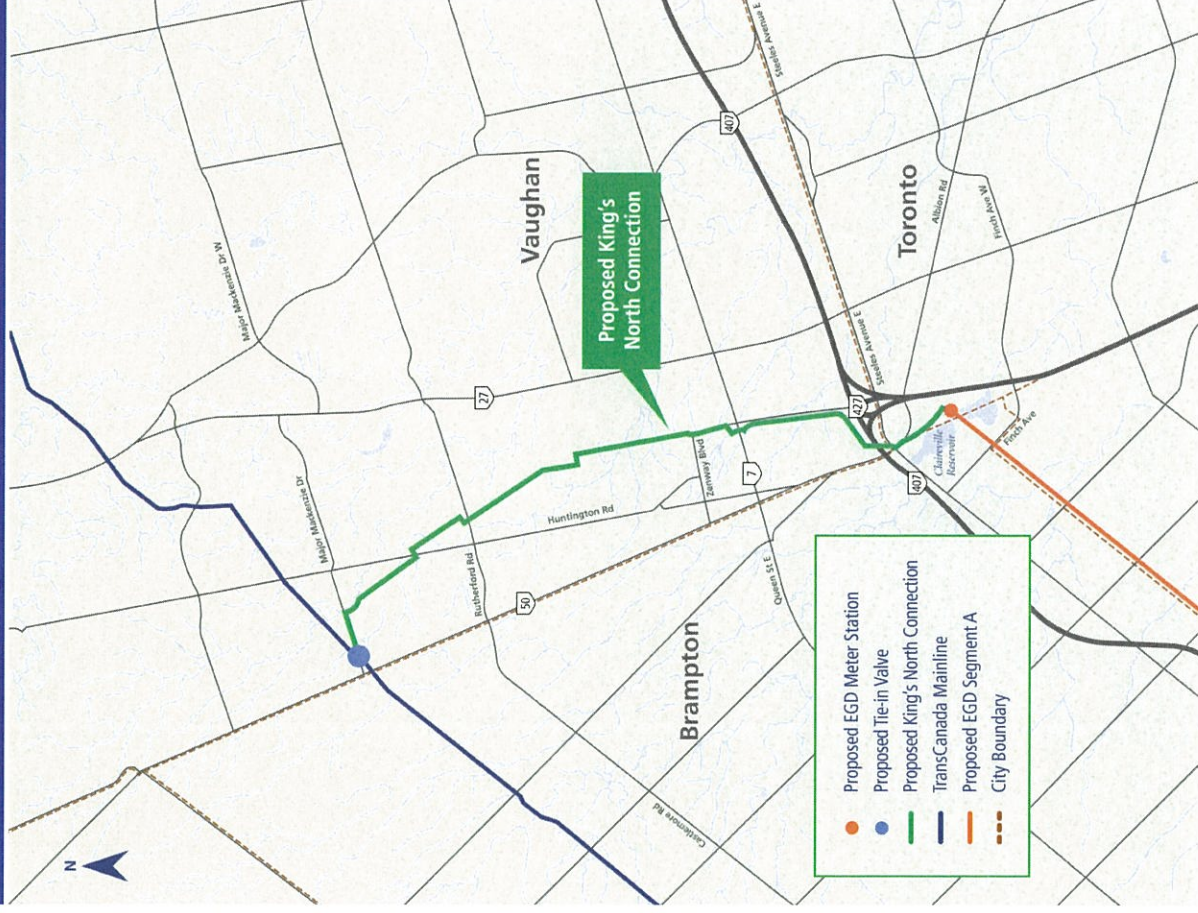
- Meet customer demand in Ontario and Eastern Canada
- Improve access to new natural gas supplies
- Increase secure supply and distribution of natural gas throughout the region
- TransCanada Mainline traverses approximately 150 municipalities in Ontario, transporting natural gas to support the growth of the economy

Population growth/decline by census division 2012 - 2036



Source: Ontario Ministry of Finance

What is the King's North Connection project and why do we need it?



The proposed King's North Connection will:

- Connect two natural gas pipeline systems:
 - Enbridge's new Segment A pipeline of the approved GTA Project, at its existing Albion Road site in Toronto; and
 - TransCanada's existing Mainline at Major Mackenzie Drive in Vaughan
- Provide homes, businesses, schools and hospitals in Ontario and Eastern Canada with a safe, reliable and diverse source of natural gas to meet growing demand

Project Details

The King's North Connection will:

- Establish a new pipeline right-of-way in the Cities of Vaughan, Brampton and Toronto
- Be approximately 13 kilometres in length, depending on the final route
- Contain one 36" diameter natural gas transmission pipeline in an 18 metre wide permanent easement

Approximately 80% of the route will parallel with the proposed Hwy 427 extension and existing hydro corridor



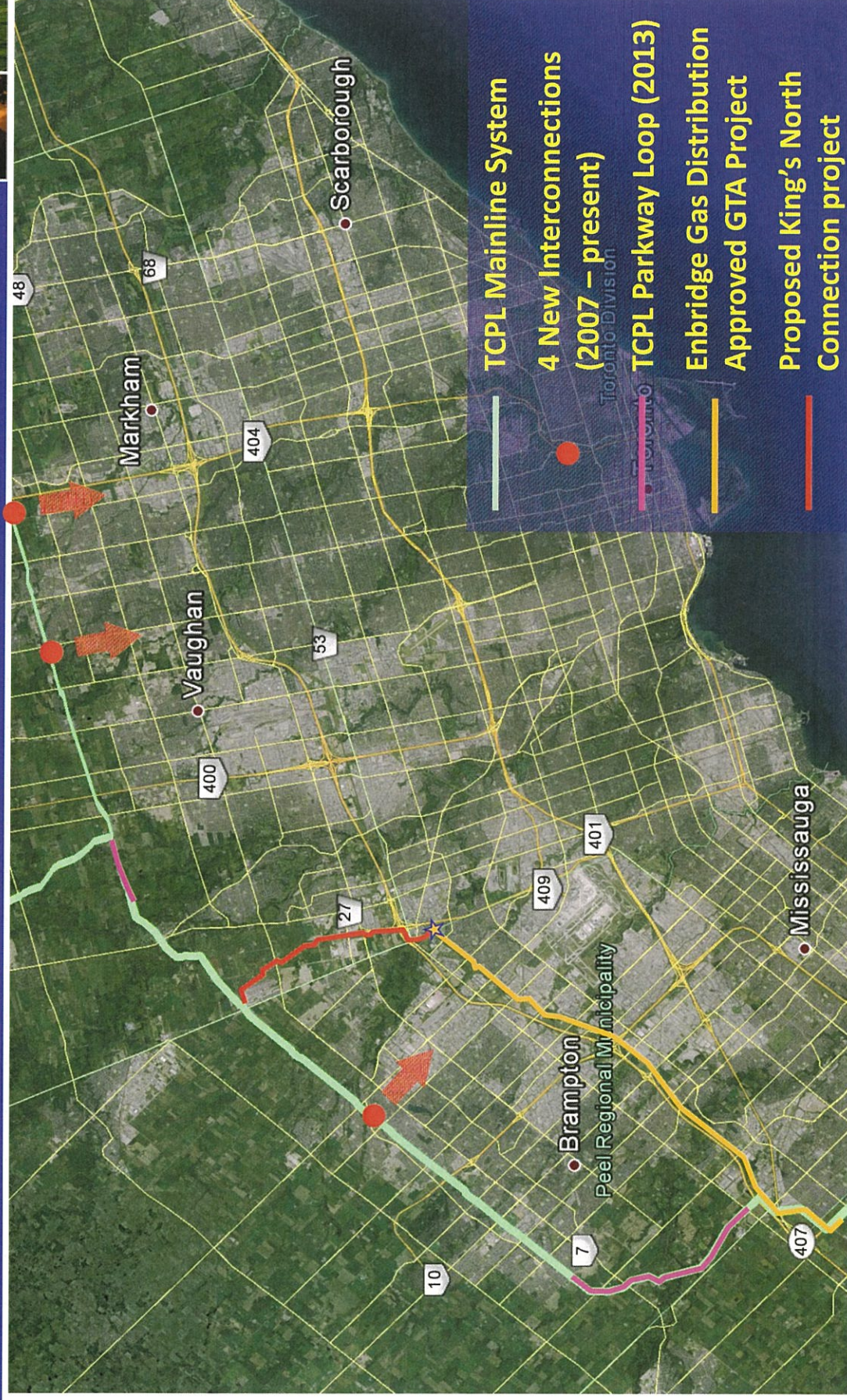
Key Project Dates



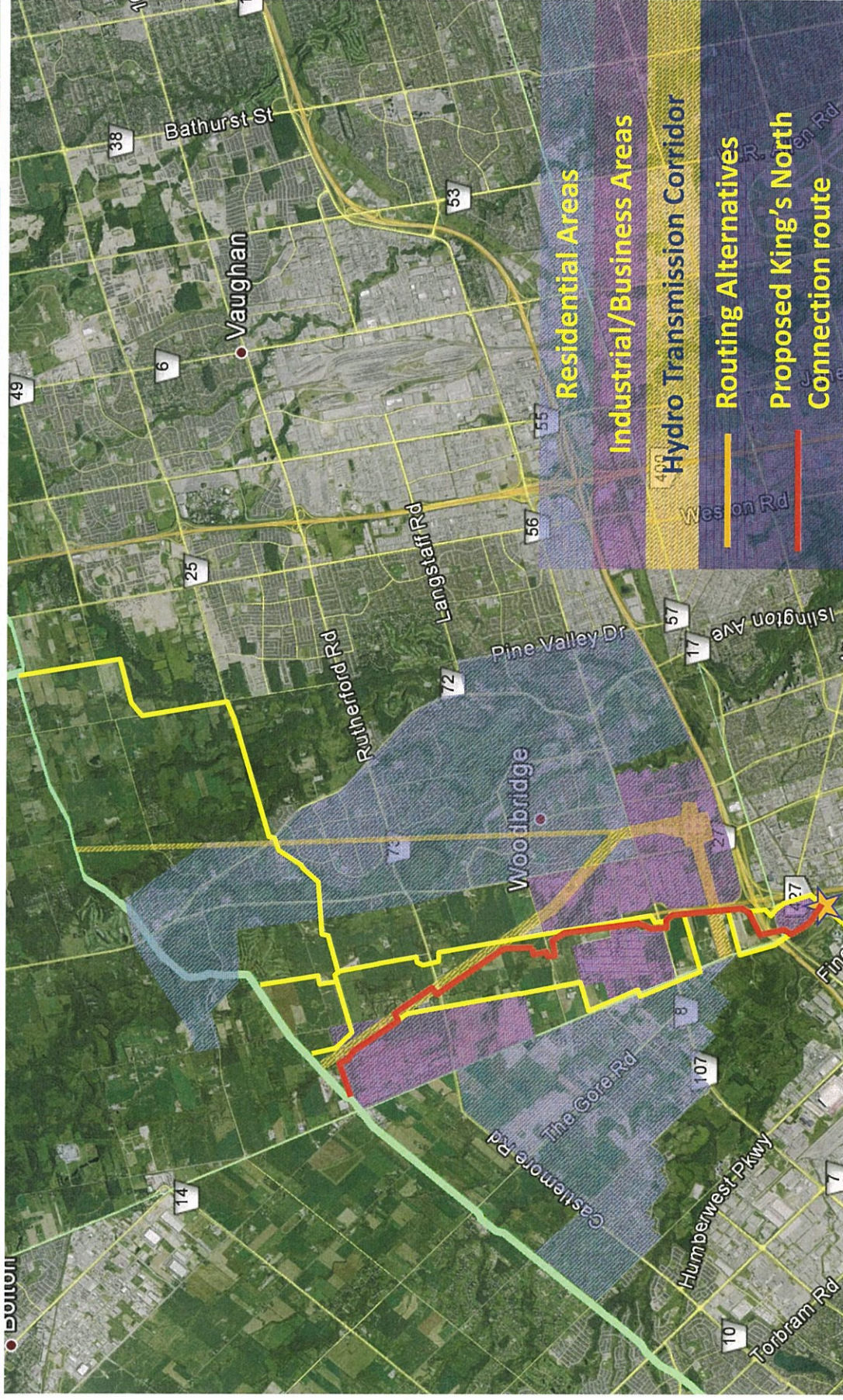
Project Schedule

Aboriginal & Stakeholder Engagement	December 2013 - ongoing
Submit application to the National Energy Board	Summer 2014
Construction start (pending approvals)	Spring 2015
Pipeline in service	Fall/Winter 2015

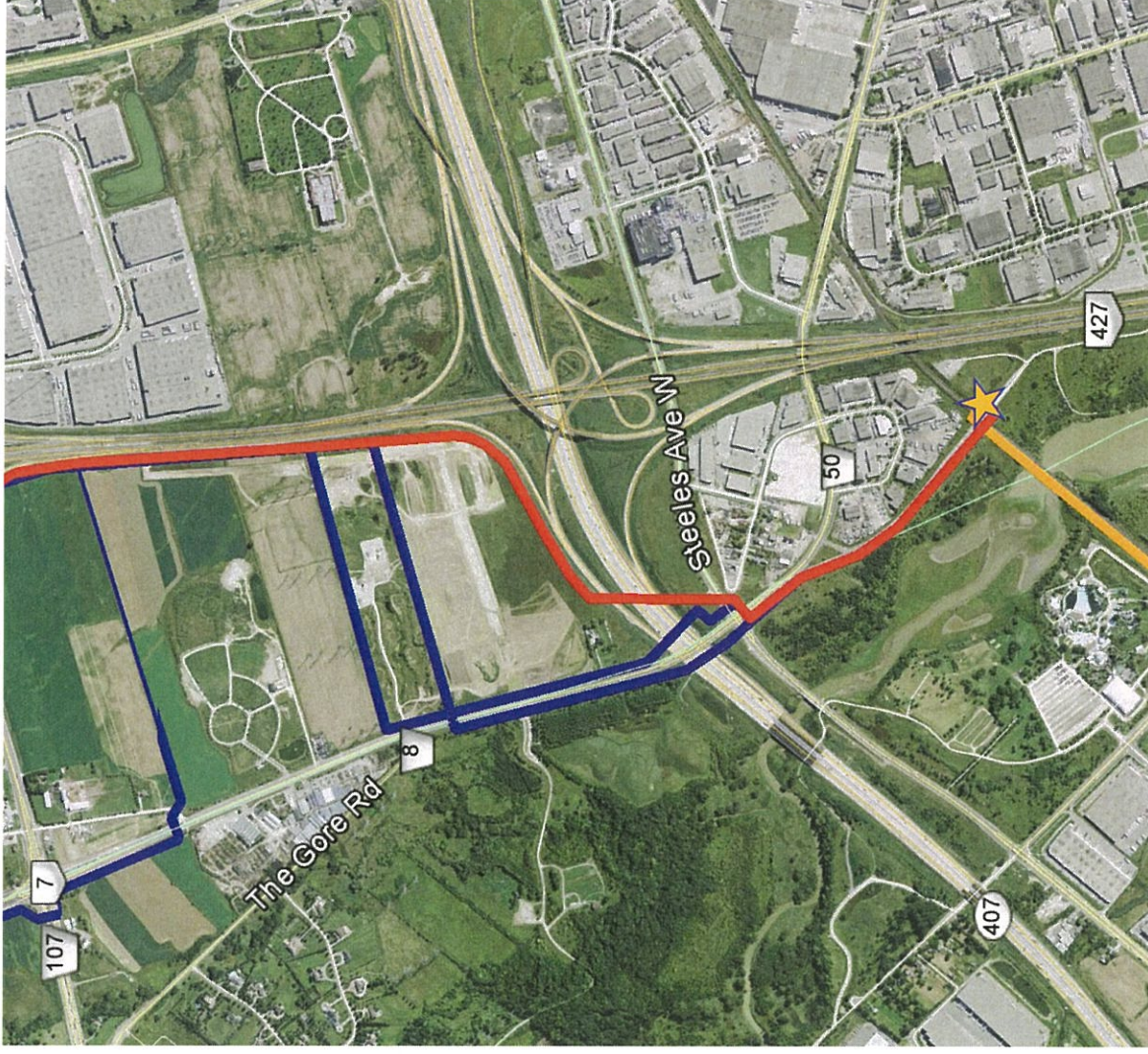
TCPL System and Growing Demand



Routing Constraints and Considerations 1/3



Routing Constraints and Considerations 2/3



- Only one route from the starting point at Albion; no alternatives exist
- The crossing of Highway 407 determines the entry point into Vaughan
- All crossing methods are being investigated

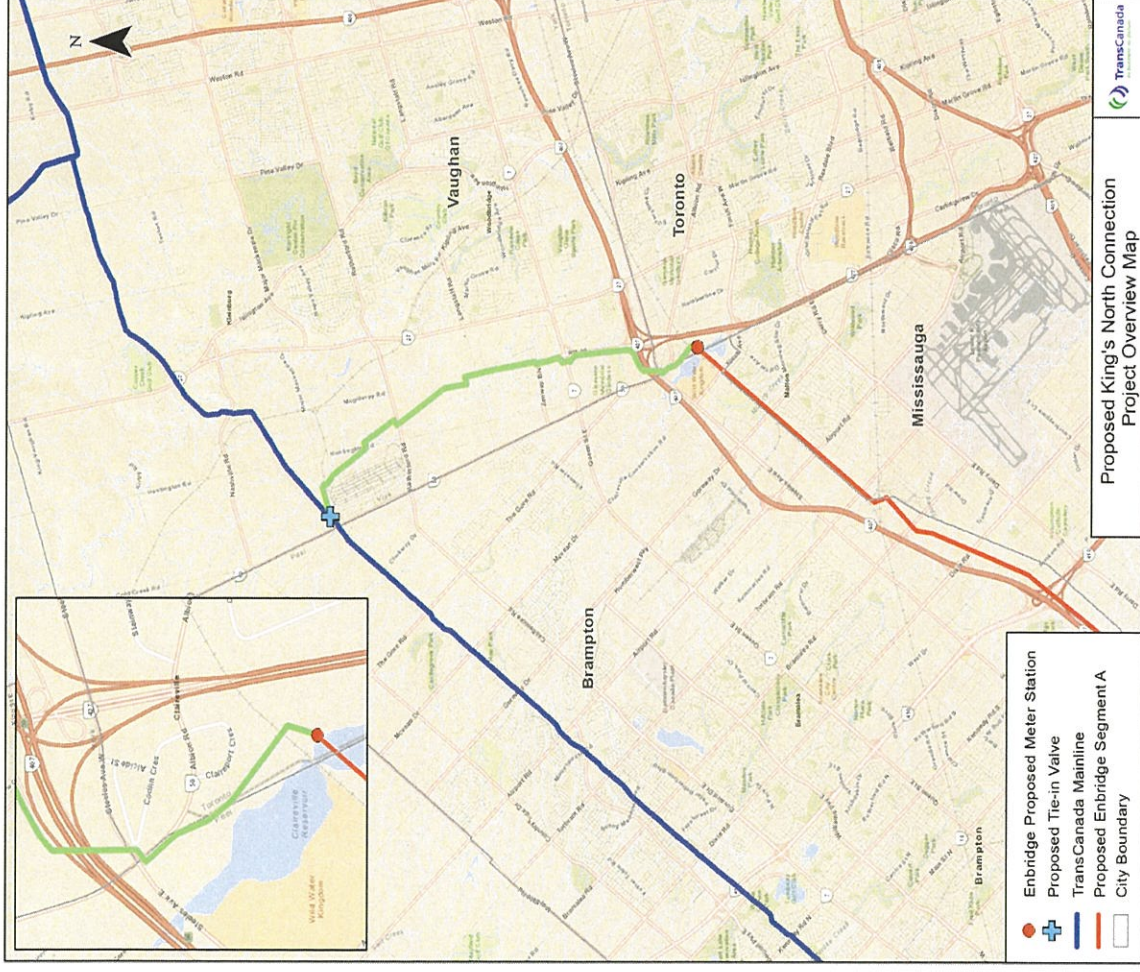
Routing Constraints and Considerations 3/3



- Developments underway, at different stages of completion
- Highway 427 Extension is initiated
- Hydro Transmission Corridor has a planned fourth line that will fill their easement
- A proposed road west of the 427 Extension may affect the routing
- Proposed transit-way and parking will add constraints adjacent to the 427 Extension



Proposed Route



- **Primarily east of Highway 50 between Albion Road in Toronto and Major Mackenzie Drive in Vaughan**
- **Tie-in to a new meter station at Enbridge's Albion Road facility in Toronto**
- **New Mainline valve site south of Major Mackenzie Drive in Vaughan**
- **Brampton section crosses Hwy 50 south of Hwy 407**

New Easement Lands



- The right-of-way (ROW) land is retained by the owner who enters into an easement agreement with TransCanada
- The easement agreement will specify a number of conditions on the use and alteration of the ROW lands such as:
 - ensuring unfettered TransCanada access for operations and maintenance
 - excluding structures and pavement on the ROW
- TransCanada has been working with municipalities, landowners and developers for several decades to maximize compatibility between various land uses and the pipeline right-of-way (e.g. green space, pathways)

Obtaining New Easement Lands



- TransCanada will affect some lands planned for development
- Landowners will be compensated at appraised market value for all lands encumbered by the new easement and for any loss of value to the remaining lands where applicable
- Landowners will also be compensated for all lands used on a temporary basis during construction, but not permanently encumbered

Crossing Features



9 Road Crossings

Indian Line
Albion Road
Steeles Avenue East
Highway 407
Highway 7
Zenway Boulevard
Langstaff Road
Rutherford Road
Huntington Road

Water Crossings

Data collected to date identifies approx. 15 water crossings. Field surveys will verify the findings.

Other Features

The Claireville Conservation Area
CN Rail line
CP Intermodal facility
Employment lands

Benefits of King's North Connection



The Environmental and Socio-economic Assessment will consider anticipated benefits such as:

- local spending on goods and services during construction
- Use of local subcontractors during
- Increased tax payments by TransCanada

Additional contributions from TransCanada specific to local initiatives.

Time Check . . .



Remaining topics include:

- High-level summary of the NEB process and other potential permitting considerations
- Environmental considerations
- Aboriginal and other Stakeholder engagement
- Pipeline Safety, Integrity, and Maintenance

National Energy Board



- The NEB acts in the Canadian public interest by ensuring safety and security, environmental protection and efficient pipelines
- Once an application is submitted, stakeholders have a continued opportunity to participate in the regulatory review process
- After an application is submitted, the NEB will assess it and determine what type of regulatory review process is required
- The NEB's involvement in a project does not end with an approval to construct - the NEB will attach any number of conditions to project approvals which it then monitors and enforces throughout the lifecycle of the project

Permitting - Approvals



National Energy Board (NEB) Section 58 Application.

- Less than 40 km in length
- Environmental & Socio-Economic Assessment required
- We will work with stakeholders throughout the full project cycle



Other Federal, Provincial and Municipal permits/approvals will be required.

- These will be identified as the project team prepares the NEB application

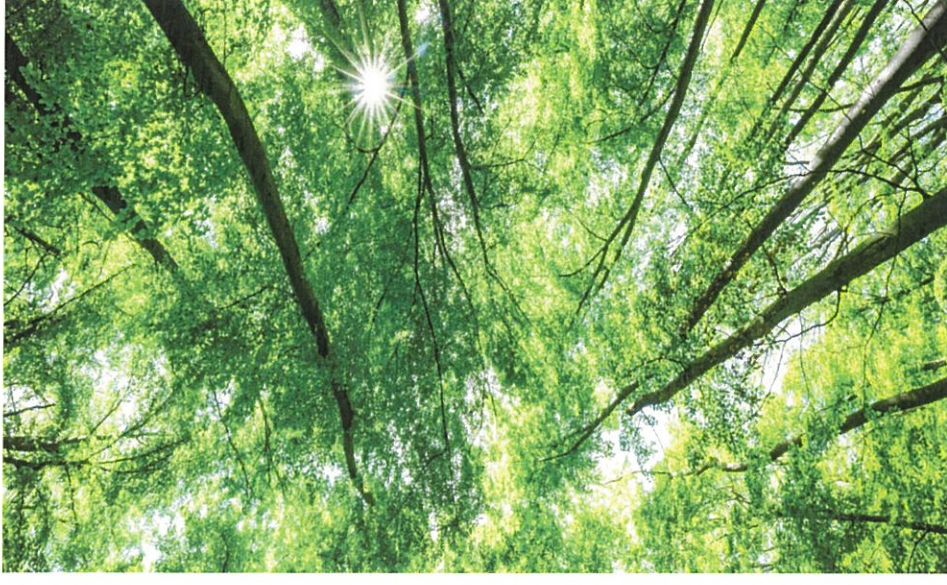


Key Environmental Considerations



Biophysical field studies include:

- Soils
- Vegetation and Wetlands
- Wildlife – Species at Risk
- Fish and Fish Habitat
- Air Quality and Noise
- Hydrogeology and Hydrology
- Archaeology/Heritage Resources



Aboriginal & Stakeholder Engagement Program



Ensuring all Aboriginal Communities & Stakeholders have:

- Information about the project
- An opportunity to provide input and,
- An understanding of how that input is incorporated into project planning and implementation



Aboriginal & Stakeholder Engagement



Phased outreach to:

- Municipalities
- Aboriginal communities
- Directly affected landowners and occupants
- Other Stakeholders



Outreach will be ongoing throughout the project and will include:

- Face-to-face meetings
- Mailings, advertising
- Public Open House (s)



Pipeline Safety

Safety is a core value at TransCanada. We make safety – for employees, contractors and members of the community – an integral part of the way we design, construct and operate our pipeline facilities.



Safety Facts:

- Pipelines are the safest mode of transportation for energy products
- TransCanada has extensive programs to monitor, inspect and maintain our pipeline facilities
- We constantly improve our practices using new technology and developments

Pipeline Safety and Integrity

TransCanada is committed to building and operating our natural gas transportation systems safely. From design and construction to operation and maintenance, safety is an integral part of everything we do.

Design:

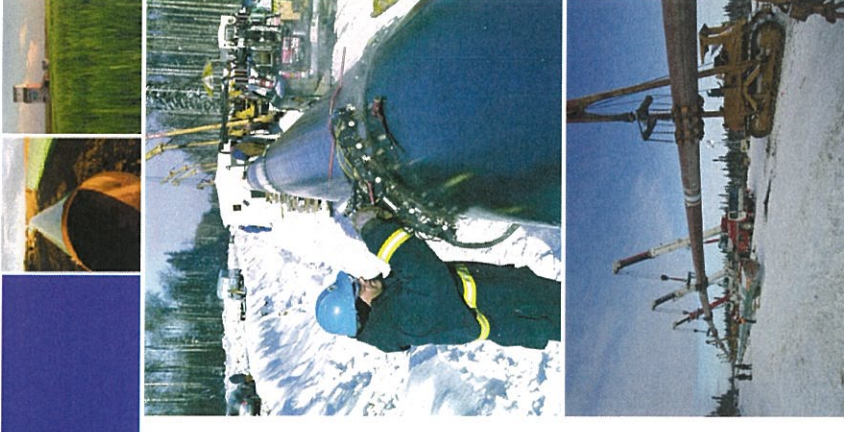
- TransCanada uses top quality steel and welding techniques throughout our 68,500 kilometre natural gas pipeline network
- We take additional safety precautions where pipelines cross roads, railway tracks, waterways and in areas of high population

Construction:

- During construction, all welds are checked by x-ray or ultrasonic examination to ensure the welds are sound
- To protect against corrosion, the external surface of the pipeline is coated

Operations:

- The entire system is monitored 24 hours a day by highly trained TransCanada employees from a computerized control centre



Pipeline Maintenance



Ongoing maintenance is performed on all portions of the pipeline system to monitor, inspect and maintain the integrity of our pipeline facilities. Some of these programs include:

Hydrostatic Testing:

- Safely verifies the integrity of the pipeline and welds by pressure testing the pipeline with water

Cathodic Protection:

- Application of cathodic protection, a low-voltage current which protects the pipe from corrosion

In-Line Inspection:

- Also referred to as “pigging”, specialized internal inspection devices (smart pigs) travel through the pipeline collecting data

Pipeline Maintenance



Investigative Digs:

- Excavate sections of the pipeline to investigate condition and integrity

Aerial Patrols:

- We inspect the pipeline route weekly in Vaughan using helicopters
- We also regularly use sensitive leak detection equipment during these patrols to identify small leaks



Engagement



A proposed route has been identified

- Options are still being considered based on stakeholder feedback

Route will be refined to reflect:

- Aboriginal & Stakeholder input
- Environmental assessments
- Engineering studies



Contacting the Project Team



- The team will be accessible throughout the project and there are a number of ways to communicate with us which can be found on our project materials:

- Email KingsNorth@TransCanada.com
- Toll-free dedicated project phone line 1.855.895.8752
- Website KingsNorthConnection.com

Proposed Route



Map - See separate PDF document

Proposed King's North Connection Project



Thank You

C3 - Communication

CW (WS)

MARCH 4, 2014

Item #1



February 27, 2014

City of Vaughan
2141 Major Mackenzie Drive
Maple, Ontario
L6A 1T1

Your Worship, Mayor Maurizio Bevilacqua and Members of Council,

**RE: PROPOSED NATURAL GAS PIPE LINE THROUGH THE VAUGHAN
ENTERPRISE ZONE**

We are writing this letter on behalf of the Huntington Landowners Group (the "Landowners"), in response to a proposal by TransCanada Pipe Line ("TCPL") to locate a new natural gas transmission pipe line (the "Pipeline"), referred to as the King's North Connection Project, within the Huntington Block Plan area.

The Pipeline route, as proposed, will have a significant negative impact on the continued development of the Block Plan. The Landowners are therefore strongly objecting to the TCPL proposal.

The Huntington Block Plan, including Blocks 57 and 58 West, is bounded by Highway 407 to the south, Regional Road 50 to the west, Langstaff Road to the north and Highway 427 to the east.

The Huntington Block Plan, arguably the core of the Vaughan Enterprise Zone, was from the very beginning, in 1998, planned as a prestige employment area. Its location is unique in the City of Vaughan, with direct access to major transportation corridors, close proximity to the airport and now the home of many prominent businesses with several million square feet of space and several thousand employees.

Most of the infrastructure work in the Block Plan has been completed or is under contract to be completed this year. Commitments for additional, significant industrial and commercial buildings, have also been made, and are scheduled for construction in the very near future.

TCPL is proposing that the Pipeline will be constructed within an 18 m wide easement, generally following the alignment of Highway 427 and the future Highway 427 Extension on private lands already approved for development. This easement, together with a 7 m wide no-build setback zone, will effectively sterilize approximately 25 acres of some of the most prestigious industrial/commercial lands in the City of Vaughan. In addition to the significant financial impact to the Landowners, this Pipeline project will result in significant loss of employment opportunities, and of course future revenues to the City.

Your Worship, Mayor Maurizio Bevilacqua and Members of Council
February 27, 2014

TCPL claims that the proposed Pipeline route has been established by extensive consultation and stakeholder engagement. The Huntington Landowners strongly disagree that this has been the process. In fact, only recently, has TCPL been in contact with some of the Landowners.

The preferred route of the proposed Pipeline is unacceptable. Roads and servicing infrastructure are already completed and additional works have been contracted and are scheduled for completion in 2014. Buildings in the Block Plan have been built, building lots have been developed, serviced and sold and/or are under contract for future buildings.

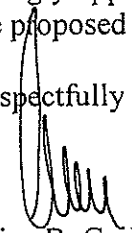
It is important to note that the lands within the Huntington Block Plan have received Block Plan approval Master Environmental and Servicing Plan approval, Draft Plan of Subdivision approvals with many of the Subdivision Agreements executed and registered. It appears, based on the pipe line proposal, that TCPL is unaware of such approvals and agreements.

TCPL has indicated that alternative Pipeline routes do exist but they have not been forthcoming with respect to any information regarding such potential alternative routes and/or why such alternative routes were rejected. They appear to be completely unaware of the very significant infrastructure and building investments that have been made by the Landowners and companies that are now located in the Block Plan.

If the Pipeline is to be constructed as currently proposed, it will have major negative consequences to existing and future developments within the Huntington Block Plan. Furthermore, we can only assume that all developments north of the Huntington Block, along the Highway 427 Extension, will suffer similar consequences.

The Landowners are therefore asking for the City of Vaughan to support their position to strongly oppose this Pipeline alignment and to urge TCPL to seek out alternate routes for the proposed pipe line.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read 'Orjan B. Carlson', is written over the typed name.

Orjan B. Carlson

COMMITTEE OF THE WHOLE (WORKING SESSION) – MARCH 4, 2014

TRANSCANADA CORPORATION PRESENTATION KING'S NORTH PIPELINE CONNECTION PROJECT WARD 2

Recommendation

The Commissioner of Engineering and Public Works and the Director of Engineering Services recommend:

1. That the presentation from TransCanada Corporation staff on the proposed King's North Connection Project be received.

Contribution to Sustainability

Not Applicable.

Economic Impact

There is no direct economic impact resulting from the recommendations of this report.

Communication Plan

Information on the proposed King's North Connection Project is being communicated through media coverage, open houses, website postings, advertisement and print material by TransCanada Corporation.

Purpose

The purpose of this report is to provide Council with an overview of the proposed King's North Connection project as a precursor to a more detailed presentation from TransCanada Corporation staff.

Background – Analysis and Options

TransCanada Corporation is proposing to construct a new natural gas pipeline within the cities of Brampton, Toronto and Vaughan, known as the King's North Connection project. (Refer to Attachment No. 1). The proposed pipeline will be 900mm in diameter and approximately 13km in length. The proposed route is planned to be constructed within a new right of way following the existing and proposed Highway 427 (in part).

The King's North Connection project is designed to connect the new natural gas facilities proposed by Enbridge Inc. (as part of the GTA project) with TransCanada's existing pipeline infrastructure.

As the currently proposed pipeline route will cross City roads, namely Huntington Road and Zenway Boulevard, approval for each crossing will be required in the form of a Road Occupancy Permit (ROP) prior to construction. As part of the ROP, staff will review the detailed design drawings of the pipeline for any potential impacts to the City's infrastructure.

Relationship to Vaughan Vision 2020/Strategic Plan

Not Applicable.

Regional Implications

Approval by the Regional Municipality of York will be required where the proposed pipeline crosses Regional roads.

Conclusion

That the presentation by the TransCanada Corporation staff on the King's North Connection project be received.

Attachments

Attachment No.1 – Location map

Attachment No.2 – King's North Connection project information sheet

Report Prepared by:

Justin Metras, Manager of Construction Services, Ext. 8725

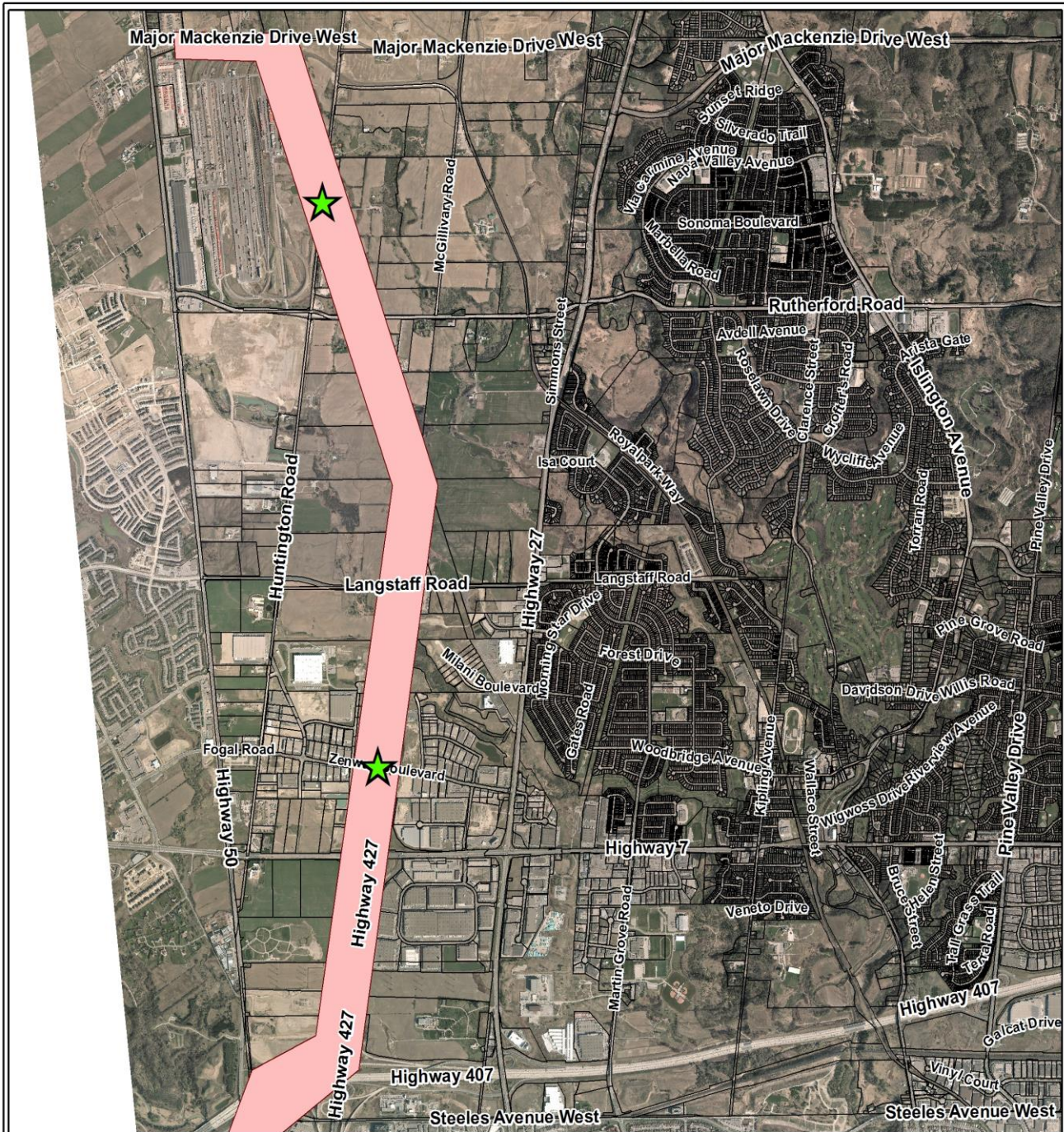
Respectfully submitted,

Paul Jankowski,
Commissioner of Engineering and Public Works

Jack Graziosi,
Director of Engineering Services

JM:mc

ATTACHMENT No. 1



LOCATION MAP King's North Pipeline Connection Project TransCanada Corporation

LEGEND



City of Vaughan Road Crossing



King's North Connection Proposed Pipeline

Note: Aerial photography acquired Spring, 2013



NOT TO SCALE

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ATTACHMENT NO. 2

TransCanada's Proposed King's North Connection Project



The Proposed Project

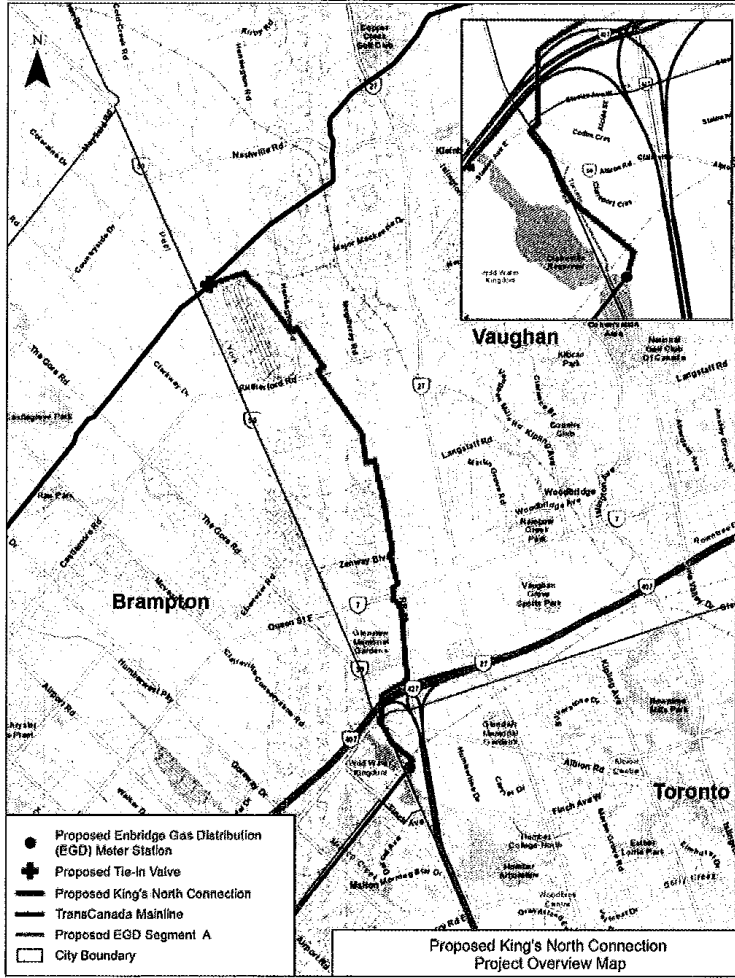
TransCanada is proposing to construct, own and operate a new natural gas transmission pipeline in the communities of Vaughan, Brampton, and Toronto in order to reliably serve homes, businesses, schools and hospitals in Ontario and Eastern Canada with a safe and reliable source of natural gas.

The King's North Connection project will connect the proposed new Enbridge Gas Distribution pipeline facilities with TransCanada's existing natural gas transmission facilities. This collaborative approach will reduce the number of new natural gas pipelines required in the Greater Toronto Area (GTA), benefiting consumers with a safe, reliable and economical source while minimizing the environmental footprint and impact to nearby residents and landowners.

Once Aboriginal, landowner and stakeholder engagement has been conducted and environmental and engineering studies have been completed, TransCanada anticipates filing an application with our regulator, the National Energy Board (NEB) in Q3, 2014.



King's North Connection Proposed Pipeline Route Map





The Proposed Pipeline Route

The proposed pipeline route is planned to be constructed within a new right-of-way and will interconnect new natural gas facilities proposed by Enbridge with TransCanada's existing pipeline. A new 36" diameter pipeline, approximately 13 kilometres in length will be installed within this new right-of-way. The route is proposed to follow, in part, an existing hydro corridor and the proposed Highway 427 extension to maximize compatibility with existing and planned infrastructure in the area which will reduce the environmental footprint of the project.

The majority of the pipeline's proposed route is located east of Highway 50 and Huntington Road in the City of Vaughan. A small portion of the route will be located in the cities of Brampton and Toronto. The new pipeline will connect a new Enbridge meter station at Albion Road in Toronto to TransCanada's existing pipeline at Major MacKenzie Drive in Vaughan.

The final proposed route for this pipeline will reflect an extensive Aboriginal and stakeholder engagement process, environmental assessment and engineering and route analysis.

Project Schedule:

Q4 2013	Commence Aboriginal and Stakeholder engagement
Q4 2013	Start Environmental assessment and route analysis
Q3 2014	Submit Application to the NEB
Q2 2015	Pending approvals, start construction
Q4 2015	Construction complete and pipeline in service



Stakeholder and Aboriginal Engagement

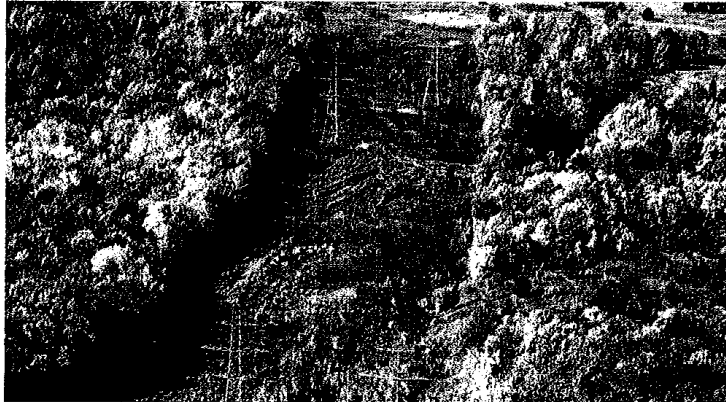
TransCanada is proud of the relationships we have built with our neighbours for the last 60 years and we are committed to consulting with stakeholders and engaging Aboriginal communities about our activities.

TransCanada's engagement process involves identifying all interested parties and engaging with them to promote information exchange in an open, honest, consistent and timely manner with the intent of contributing to the successful and responsible completion of the project. We will continue to work with stakeholders throughout the permitting and construction phases and throughout the operation of the pipeline.

We will share project information with Aboriginal communities and stakeholders in a number of ways throughout the permitting process including mailouts of project materials, project advertising, and a project website. We will seek input through project open houses, individual meetings and presentations and provide additional communication channels through the project email and voicemail.

Building and maintaining relationships with Aboriginal communities near our proposed projects and existing facilities has long been an integral part of TransCanada's business. TransCanada is committed to working with communities to identify potential effects of company activities on each community to find mutually satisfactory solutions and benefits.

We believe that ongoing engagement with Aboriginal communities and stakeholders results in better projects – for TransCanada and for the community.

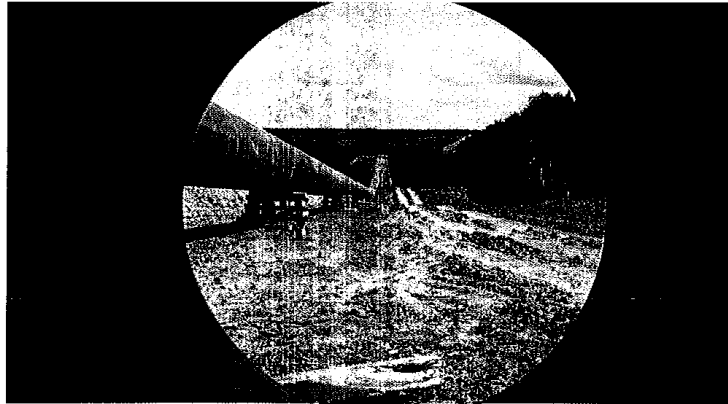


Community Benefits

The proposed project will result in positive economic benefits to local communities through expenditures during construction, including the purchase of local goods and services, and, once in operation, will result in an increase in annual municipal taxes in the communities of Vaughan, Brampton, and Toronto. TransCanada is also proud to contribute to community organizations which play a role in improving the quality of life in communities in which we live and work. We look forward to continuing to provide investments and develop community partnerships in Vaughan, Brampton and Toronto.

Environmental Protection

As part of our regulatory applications, TransCanada will collect and analyze site-specific environmental information for the Project in order to understand potential impacts and to develop an effective environmental protection plan (EPP). Specifically, the assessment will consider impacts to soil, vegetation, wildlife, protected areas, historical resources, land use, water crossings and aquatic resources. The EPP will identify specific measures to mitigate impacts during and following construction activities.



What to Expect During Construction and Beyond

During construction, there will be an increase in traffic flow in and around the project area. TransCanada will work with municipalities to minimize disruption as much as possible. As road crossings will be drilled or bored, no road closings are anticipated.

During construction, there will be heavy equipment on sites for use in earth moving, excavation, material handling/hauling, welding and testing. After facilities have been built, there will be minimal traffic associated with ongoing operations and maintenance. Strict adherence to construction plans and commitments in the EPP will ensure that the effects of the construction activities on the local community are minimized.

Construction activities typically generate a certain amount of noise. TransCanada will work with the municipalities to ensure adherence to noise by-laws.

Measures will be taken to prevent topsoil/surface material loss from wind and water erosion, topsoil and subsoil mixing, and to establish a vegetative cover that is compatible with surrounding vegetation and land use. During construction, dust control measures will be implemented to minimize impacts to neighbours. Once construction has been completed, the land surface will be reclaimed to an equivalent land capability.



Pipeline Safety

For more than 60 years, TransCanada has been a leader in the safe and reliable operation of North American energy infrastructure. From design to construction, to operations and maintenance, safety is integral to everything we do.

We use top quality steel and industry-leading welding techniques throughout our pipeline system to ensure we meet and exceed industry standards. We take additional safety precautions when the pipeline crosses roads, railways, waterways and communities.

During construction, welds are checked by x-ray and/or ultrasonic inspection methods and then we pressure-test the pipe, which is coated to protect against corrosion. We also use “smart pigs” – sophisticated inspection devices – to record information about the internal conditions of the pipeline.

TransCanada monitors its pipeline 24 hours a day, 365 days a year. Satellite technology sends data to our monitoring centre every five seconds. If a drop in pressure is detected, we immediately identify the problem area and isolate that section of the pipe remotely, closing the valves that control the flow of gas. Trained crews are dispatched by land or helicopter, depending on the location of the leak. If there is an incident, we work closely with authorities, emergency responders and the media to ensure residents in the area are aware of the situation and are safe.

About TransCanada

TransCanada is a leader in the responsible development and reliable operation of North American energy infrastructure including natural gas and oil pipelines, power generation and gas storage facilities.

- We operate one of North America's largest natural gas pipeline networks – 68,500 kilometres – tapping into virtually every major gas supply basin on the continent. We deliver 20 per cent of the natural gas consumed in North America each and every day.
- Our facilities and operations span three countries, seven provinces, 33 U.S. states and almost 260 locations across the continent.
- We own or have interest in approximately 11,800 megawatts of power generation in Canada and the U.S. – enough energy to power 11 million homes.
- We employ more than 4,500 people (2,685 in Canada) in 50 professions, trades and fields.
- TransCanada has been an active participant in Ontario's energy market for years. In addition to our extensive natural gas pipeline system we own and operate the Halton Hills Generating Station. TransCanada is also a partner in Bruce Power and the Portlands Energy Center and continues its commitment to emission-less energy sources with nine new solar farms in operation by the end of 2014.

You can find out more about TransCanada by visiting www.transcanada.com

Contact Us

We invite you to contact TransCanada with any questions or comment you have with regards to the proposed project:

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Or write to:

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