Casselman Pipeline Project

First Virtual Public Information Session

Available April 11 to May 9, 2025

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Welcome

- Welcome to the **Casselman Pipeline Project,** first virtual public information session online portal. Use the menu on the left-hand side of the page to move between the different sections of the site. This site is best experienced on a computer or tablet using a Google Chrome browser.
- The full set of presentation slides, as well as the audio transcript, roll plan map and Notice of Commencement and Public Information Sessions are available to view or download via the links below.
- Questions and comments can be submitted using the questionnaire button at the bottom right corner of the page, and an Enbridge Gas or AECOM representative will respond.
- Please note, that the **First Virtual Public Information Session** will be available from **April 11 to May 9, 2025**.
- If you would like to receive future project updates, please complete a questionnaire or email the project team at CasselmanPipelineProjectEA@aecom.com.

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Enbridge Gas' Commitment

Enbridge Gas is dedicated to engaging with Indigenous communities, agencies, interest groups, and community members. They commit to providing up-to-date information in an open, honest, and respectful manner while carefully considering your input. With over 3.9 million residential, commercial, and industrial customers in Ontario, Enbridge Gas is committed to delivering natural gas safely and reliably. Environmental stewardship is also a top priority for Enbridge Gas, and they conduct their operations in an environmentally responsible manner.

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Enbridge Gas’ Engagement with Indigenous Peoples

Enbridge recognizes the diversity of Indigenous peoples who live where we work and operate. We understand that certain laws and policies have had destructive impacts on Indigenous languages, and the social and economic well-being of Indigenous peoples. We also recognize the importance of reconciliation between Indigenous peoples and broader society. We are committed to building positive and sustainable relationships with Indigenous peoples, based on trust and respect, and focused on finding common goals through open dialogue.

This Indigenous engagement program cultures, is based on adherence to the Ontario Energy Board’s Guidelines and Enbridge's company-wide Indigenous Peoples Policy, which Enbridge Gas follows. Enbridge’s Indigenous Peoples Policy lays out key principles for establishing relationships with Indigenous groups, including:

- Recognizing the importance of the United Nations Declaration on the Rights of Indigenous Peoples in the context of existing Canadian law and the commitments that the government has made to protecting the rights of Indigenous Peoples;
- Recognizing the legal and constitutional rights possessed by Indigenous peoples in Canada and the importance of the relationship between Indigenous Peoples and their traditional lands and resources;
- Engaging early to achieve meaningful relationships with Indigenous groups by providing timely exchanges of information, understanding and addressing Indigenous project-specific concerns, and ensuring ongoing dialogue regarding our projects, their potential impacts and benefits; and
- Aligning Enbridge’s interests with those of Indigenous communities through meaningful, direct Indigenous economic activity in projects corresponding to community capacity and project needs, where possible.

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Purpose of the Public Information Session

- Consult with Indigenous communities and engage with members of the public and regulatory authorities regarding the proposed project's Preliminary Preferred Route and Alternative Routes, potential impacts and proposed mitigations; and
- Provide an opportunity for these individuals, any affected landowners and the public to review the proposed project and ask any questions or provide comments to representatives from Enbridge Gas and The Project Team.

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Project Overview

To support the development of lower-carbon renewable energy in Ontario and to meet the requirements of a customer, Enbridge Gas is proposing to connect a producer of renewable natural gas to Enbridge Gas' distribution network in the municipalities of United Counties of Prescott and Russell, the United Counties of Stormont, Dundas and Glengarry, and the City of Ottawa. The project involves the construction of approximately 13.2 kilometres of 6-inch and 8-inch steel pipelines and are tentatively planned to occur within the existing municipal Right-of-Way and/or on privately controlled lands.

The project area will require two separate geographic locations, or segments, to accommodate the volume of renewable natural gas that will be injected into the distribution network – the Casselman Segment and the Ottawa Segment.

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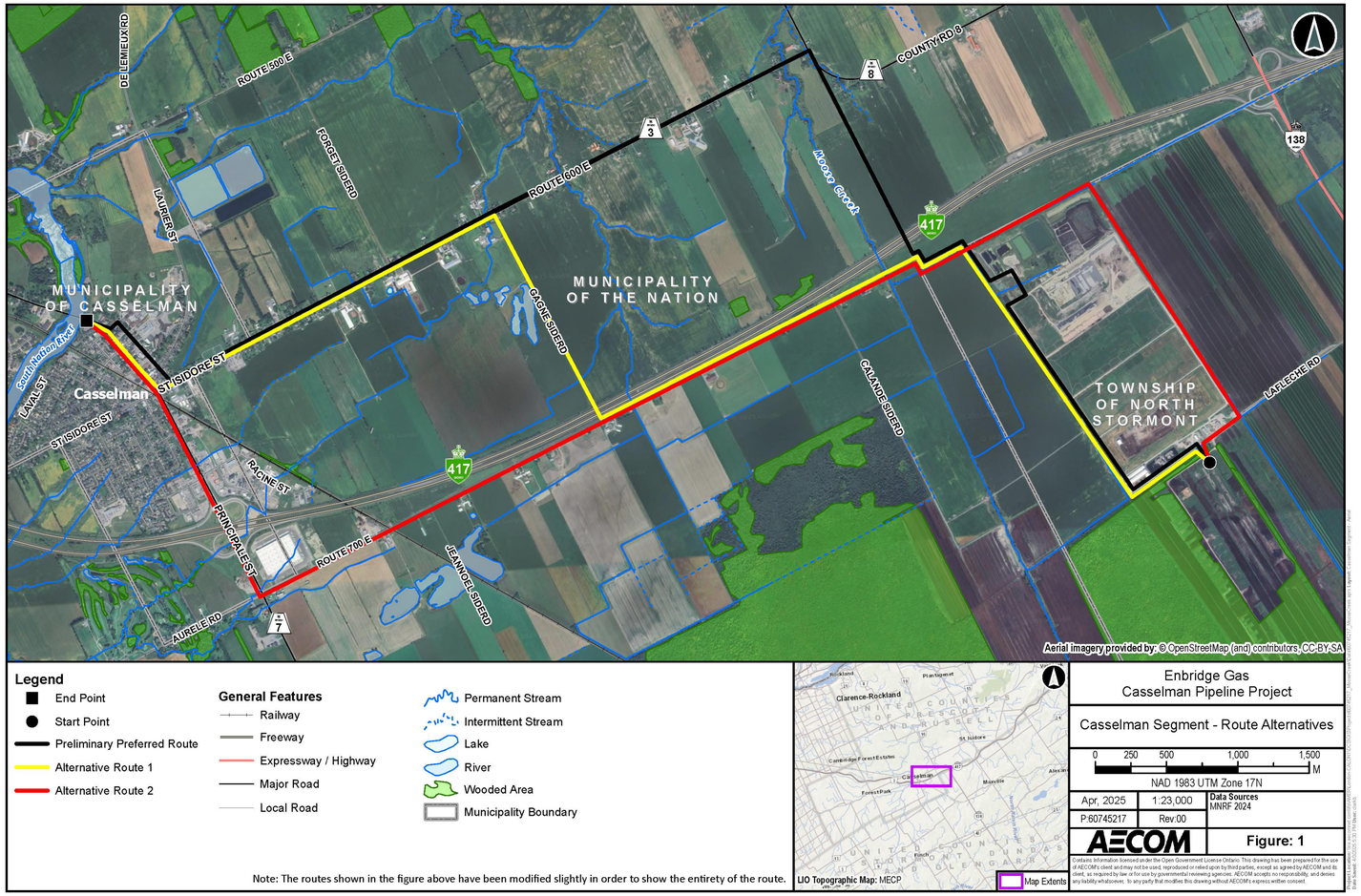
Route Alternatives – Casselman Segment

- **Preliminary Preferred Route:** Commencing at a renewable natural gas injection station at the producer facility, the pipeline travels west on Lafleche Road, then north on private lands. The pipeline then turns west onto Route 700, then north across Highway 417 and through unopened road allowance, before turning west on Route 600 East, then north on Brebeuf Street, then west on Montcalm Street, then north on Principale Street to its termination point just east of the South Nation River.
- **Alternative Route 1:** Commencing at a renewable natural gas injection station at the producer facility, the pipeline travels west on Lafleche Road, and north on private lands. The pipeline then turns west on Route 700, then turns north and crosses Highway 417 and continues north along Gagne Sideroad before turning west on Route 600 East. The pipeline then turns north on Principale Street to its termination point just east of the South Nation River.
- **Alternative Route 2:** Commencing at a renewable natural gas injection station at the producer facility, the pipeline travels east on Lafleche Road, then north on private lands. The pipeline then turns west on Route 700 and north on Principale Street before crossing Highway 417 and continues to its termination point just east of the South Nation River.



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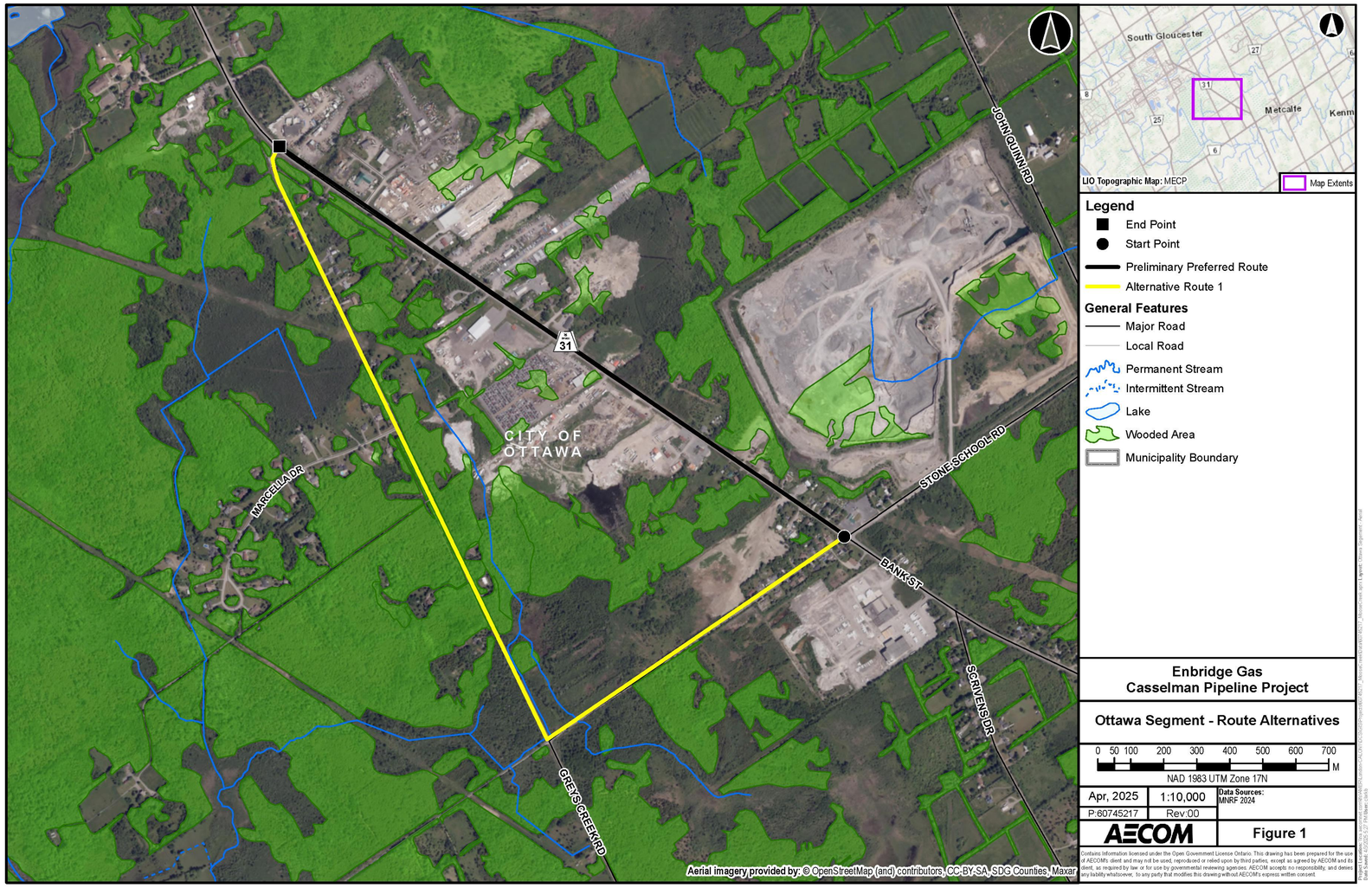
Route Alternatives – Ottawa Segment

- **Preliminary Preferred Route:** Commencing at the intersection of Stone School Road and Bank Street, the pipeline proceeds north to its termination point at the intersection of Greys Creek Road and Bank Street.
- **Alternative Route 1:** Commencing at the intersection of Stone School Road and Bank Street, the pipeline proceeds west along Stone School Road and then turns north along Greys Creek Road to its termination point at the intersection of Greys Creek Road and Bank Street.



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Environmental Study Process

As part of the planning process, Enbridge Gas has retained AECOM Canada ULC (AECOM) to undertake an Environmental Study for the project. The Environmental Study will fulfill the requirements of the Ontario Energy Board's "*Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Projects and Facilities in Ontario, 8th Edition (2023)*".

The study will:

- Undertake engagement to understand the views of interested and potentially affected parties;
- Consult with Indigenous communities to understand interests and potential impacts;
- Be conducted during the earliest phase of the project;
- Identify potential impacts of the project;
- Develop environmental mitigation objectives and protective measures to avoid or reduce potential impacts; and
- Develop an appropriate environmental inspection, monitoring, and follow-up program.

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Ontario Energy Board Review and Approval Process

The Environmental Report for the project is scheduled to be completed in the fall of 2025. Once complete, Enbridge Gas plans to file a Leave to Construct application for the project with the Ontario Energy Board. The application to the Ontario Energy Board will include the following information about the project:

- The need for the project;
- The Environmental Report;
- Project costs and economics;
- Pipeline design and construction;
- Land requirements; and
- A summary of consultation with Indigenous communities.

The Ontario Energy Board's review and approval are required before the proposed project can proceed. If approved, construction may start as early as Q3 2026.

Additional information about the Ontario Energy Board process can be found online at: https://www.oeb.ca/

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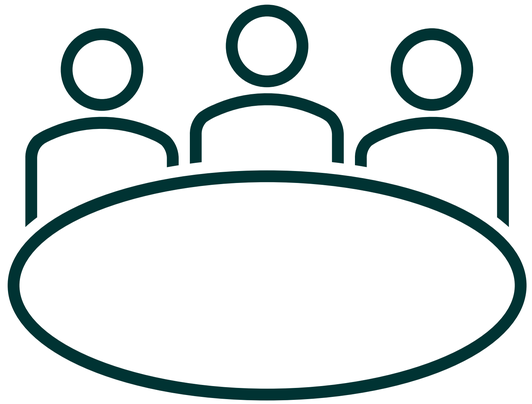
Consultation and Engagement

- Consultation and engagement are key components of the Environmental Report.
- At the outset of the proposed project, Enbridge Gas submits a Project Description to the Ministry of Energy and Electrification. Upon review, the Ministry of Energy determines the potential impacts on Indigenous or treaty rights and identifies communities that Enbridge Gas must consult with during the entirety of the project.
- The consultation and engagement program is intended to provide information about the project to stakeholders, help to identify and address Indigenous community and stakeholder concerns and allow for participation in the project review and development process.
- Input received during engagement and consultation will be used to help finalize the pipeline route and potential mitigation plans for the project.
- Once the Leave to Construct application is made to the Ontario Energy Board, any party with an interest in the project, including members of the public, can participate in the Ontario Energy Board hearing process.



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Environmental Assessment Process and Timeline

Date	Task
January 2025	Duty to Consult letter submitted to the Ministry of Energy and Electrification
February 2025	Notice of Upcoming Project
March 2025	Notice of Study Commencement & Information Sessions
March to April 2025	Gather baseline data and commence routing evaluation
April/May 2025	First Public Information Session (In-person and virtual)
April to May 2025	Review feedback, complete routing evaluation, confirm the Preferred Route and develop mitigation measures
May 2025	Hold a second Public Information Session (virtual)
May to June 2025	Develop the draft Environmental Report
July 2025	Submit the draft Environmental Report to the Ontario Pipeline Co-ordinating Committee, agencies and the Indigenous communities for review/comment
August to September 2025	Address comments (if required) and finalize the Environmental Report
October 2025	Submit leave to construct application to the Ontario Energy Board

We are here

**Consultation and responding to inquiries from Indigenous communities and interested and potentially affected stakeholders occurs throughout the study process.*

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Environment, Health, and Safety Policy

Our Commitment

- Enbridge Gas is committed to protecting the health and safety of all individuals affected by our activities.
- Enbridge Gas will provide a safe and healthy working environment and will not compromise the health and safety of any individual.
- Our goal is to have no incidents and mitigate impacts on the environment by working with our stakeholders, peers, and others to promote responsible environmental practices and continuous improvement.
- Enbridge Gas is committed to environmental protection and stewardship and recognizes that pollution prevention, biodiversity, and resource conservation are key to a sustainable environment.
- All employees are responsible and accountable for contributing to a safe working environment, for fostering safe working attitudes, and for operating in an environmentally responsible manner.

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Access and Land Requirements

While most of the pipeline route will be constructed within the municipal road right-of-way, some circumstances requiring access agreements, permanent easement or temporary working space during construction could result in the need for access to additional land outside of the road right-of-way.

Enbridge Gas has a comprehensive Landowner Relations Program that uses a dedicated Land Advisor whose role is to:

- Provide a direct contact and liaison between area landowners and Enbridge Gas;
- Be available to landowners during the project and throughout construction activities;
- Act as a singular point of contact for all landowners and address concerns and questions; and
- Address any land matters relating to the temporary use of property, access agreements, permanent easements and impacts or remedies to property.

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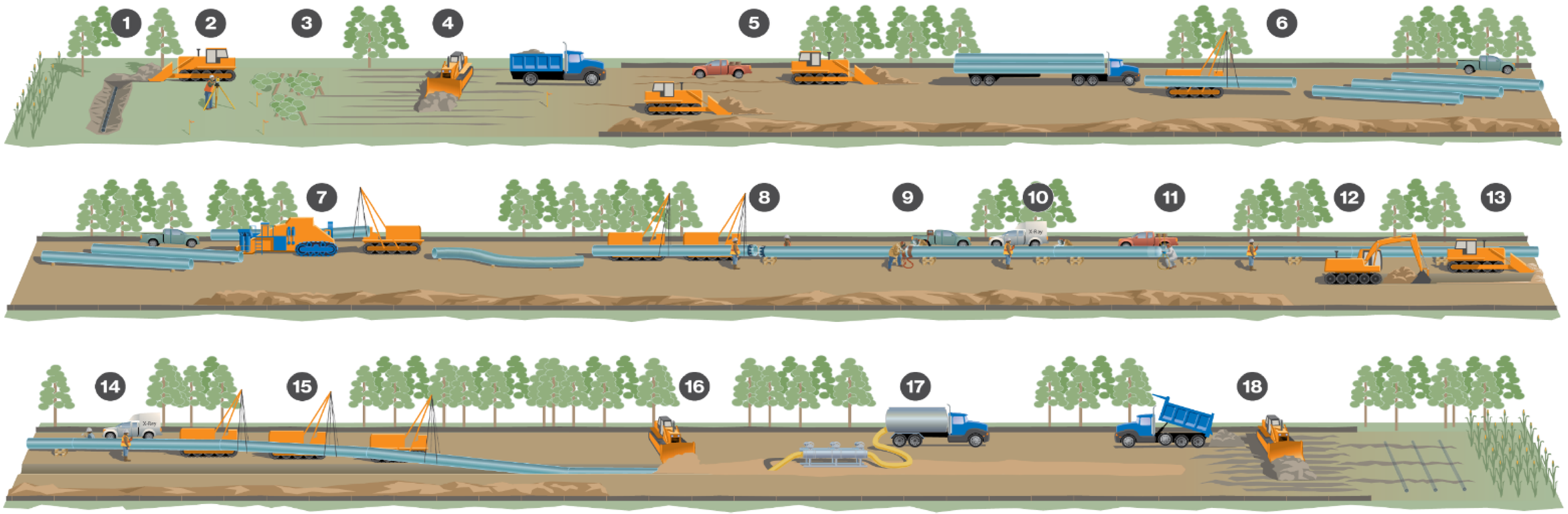
Constructing an Enbridge Gas Pipeline



1. Pre-construction tiling
2. Surveying and staking
3. Clearing
4. Right-of-way topsoil stripping
5. Front-end grading
6. Stringing pipe
7. Field bending pipe
8. Lining-up pipe
9. Welding process
10. X-ray or ultrasonic inspection, weld repair
11. Field coating
12. Digging the trench
13. Padding trench bottom
14. Final inspection and coating repair
15. Lowering pipe
16. Backfilling
17. Hydrostatic testing
18. Site restoration and post-construction tiling

Note: The construction infographic is specifically for open-cut steel pipe installation and serves for reference purposes only.

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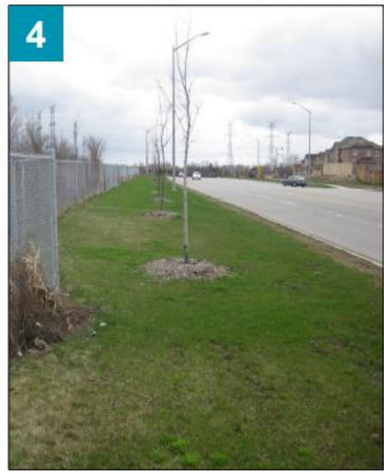
Constructing an Enbridge Gas Pipeline (continued)



The pipeline construction process includes various procedures, as described in the previous slide.

- **Photo 1:** Shows a typical Enbridge Gas natural gas pipeline. The **Casselman Pipeline Project** will involve the installation of a steel pipeline ranging from **6 to 8** inches.
- **Photo 2:** Represents an example open-cut trench that is created during the installation process.
- **Photo 3:** Represents the process of backfilling a trench.
- **Photo 4:** Represents final clean-up and restoration. Once the pipeline has been installed, clean-up will involve the restoration of the right-of-way and other work areas.

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Pipeline Design

The steel pipeline is designed to meet and/or exceed the regulations of the Canadian Standards Association (Z662 Oil and Gas Pipeline Systems) and the applicable regulations of the Technical Standards and Safety Association.

Pipeline Safety and Integrity

Enbridge Gas takes many steps to ensure the safe, reliable operation of our network of natural gas pipelines, including:

- Designing, constructing and testing our pipelines to meet or exceed requirements set by industry standards and regulatory authorities;
- Continuous monitoring of the entire network; and
- Performing regular field surveys to detect leaks and confirm that corrosion prevention methods are working as intended.

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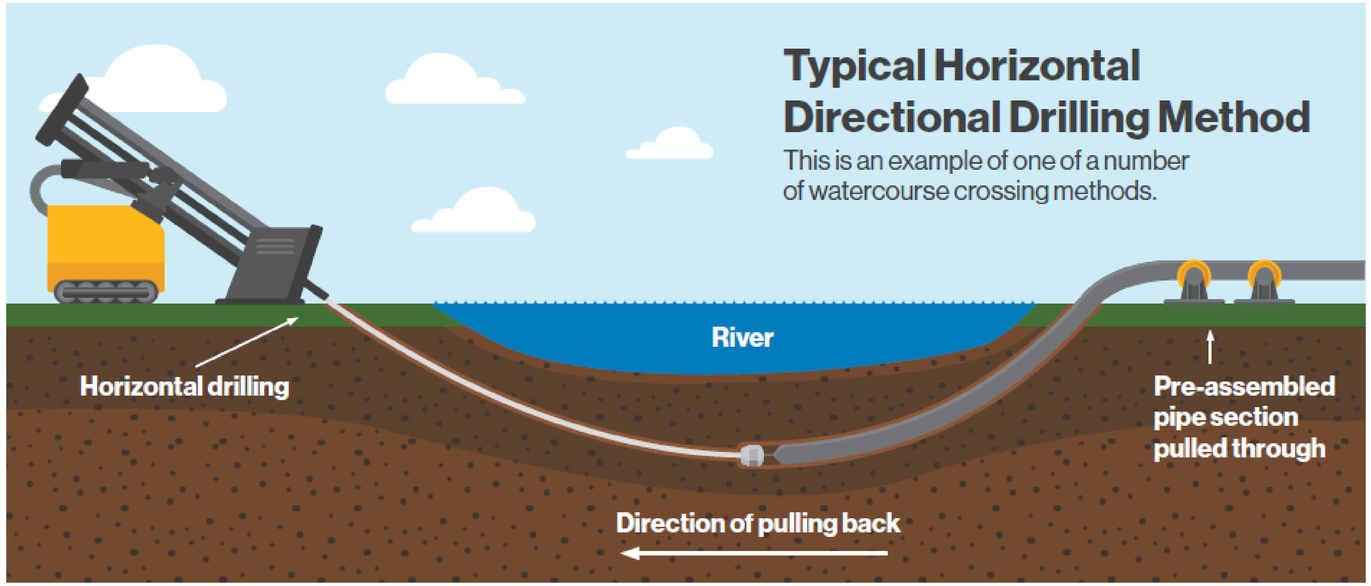
Horizontal Directional Drilling Methodology

Protecting water, wildlife and the land

- Should the new natural gas pipeline cross watercourses and wetlands, trenchless technology, such as horizontal directional drilling (as shown in the accompanying figure), may be used to minimize environmental impacts.
- All crossings follow construction best practices, guidelines and permits from Fisheries and Oceans Canada, the Ministry of the Environment, Conservation and Parks, and local conservation authorities.



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Socio-economic Features

The project will mainly be constructed on the existing municipal road right-of-way adjacent lands.

Potential Effects

- Temporary increases in noise, dust and air emissions.
- Increased construction traffic volumes.
- Temporary impairment of the use of residential and/or commercial property.
- Ornamental vegetation clearing along the pipeline route.

Example Mitigation Measures

- Traffic access will be maintained, where possible, during construction.
- Restricting construction to daylight hours and adherence to applicable noise by-laws.
- Developing and implementing a Traffic Control Plan.
- Place fencing at appropriate locations for safety.
- Making contact information for a designated Enbridge Gas representative available prior to and throughout construction.
- Completing re-vegetation of cleared ornamental vegetation areas as needed (including seeding/planting).

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Cultural Heritage Resources

During construction, cultural heritage features such as archaeological finds, heritage buildings, fences, and landscapes may be encountered.

Detailed field surveys will be conducted by independent, third-party archaeologists and cultural heritage professionals prior to construction.

Potential Effects

- Damage or destruction of archaeological or historical resources.

Example Mitigation Measures

- Archaeological assessment of the construction footprint, with review and acceptance from the Ministry of Citizenship and Multiculturalism.
- Cultural heritage assessment (for built heritage features and cultural heritage landscapes) of the construction right-of-way, with review and comment from the Ministry of Citizenship and Multiculturalism.
- Provisions for work stoppages and reporting of any previously unknown archaeological or historical resources uncovered or suspected of being uncovered during excavation.

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Aquatic Resources

Enbridge Gas understands the importance of protecting watercourses, wetlands, and associated wildlife during construction and will implement recognized mitigation measures to reduce potential environmental effects.

Potential Effects

- Disruption and alteration to aquatic species and habitat and/or nuisance effects.
- Increased soil erosion, sedimentation and subsequent watercourse turbidity resulting from removal of vegetation.

Example Mitigation Measures

- Installation of erosion and sediment control measures.
- Obtain all agency permits and approvals.
- Conform to fish timing window guidelines.
- Use Horizontal Directional Drill and/or trenchless drill within or near environmentally sensitive features (for example watercourses, wetlands, etc.)
- For in-channel construction works, protect aquatic species through methods such as flow diversion/dewatering, fish rescue planning and management of sedimentation and turbidity.
- Seeding disturbed areas to establish habitat and reduce erosion.
- Replanting vegetation along waterways if disturbance occurs.

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Terrestrial Resources

During construction, natural environment features such as wildlife habitat and vegetated/wooded areas may need to be crossed.

Potential Effects

- Damage or removal of vegetation and wildlife habitat in the construction area.
- Disturbance and/or mortality to local wildlife.

Example Mitigation Measures

- The conduct of surveys (including Species at Risk surveys) in advance of construction to determine opportunities for wildlife habitat to exist.
- Completing tree removal outside of migratory bird windows (typically from April 1 – August 31), to the extent possible.
- Clearly marking the construction area to avoid accidental damage.
- Seeding disturbed areas to establish habitat and reduce erosion, if required.
- Obtain all necessary permits and follow any conditions of approval.

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Next Steps

After this Public Information Session, Enbridge Gas intends to pursue the following anticipated schedule of activities:

Q3 2025 – Complete Environmental Report

Q4 2025 – File Leave to Construct application with the Ontario Energy Board

Q2 2026 – Pending Ontario Energy Board approval, complete permitting, pipeline design and construction planning

Q3 2026 – Earliest possible construction start

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Thank you!

On behalf of the Project Team, thank you for attending this public information session. Please complete a Questionnaire by **May 9, 2025,** for your comments to be considered as part of the pipeline route selection process.

Jordan Witt
Environmental Planner
Impact Assessment & Permitting

AECOM Canada ULC
Phone: (226) 749-4591
Email: CasselmanPipelineProjectEA@aecom.com

Greg Asmussen
Senior Environmental Advisor
Lands, Permitting & Environment

Enbridge Gas Ontario
Phone: (416) 606-8891

For more information about the proposed project, please visit the Enbridge Gas project website at:
enbridgegas.com/casselmanpipeline

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