

Tweed Community Expansion Project

In-person Open House:

Tuesday, April 9, 2024

5:00 pm to 8:00 pm

Virtual Information Session:

Available April 5 to 26, 2024

Location:

Tweed Hungerford Agricultural Building

617 Louisa Street, Tweed, ON



Tweed Community Expansion Project



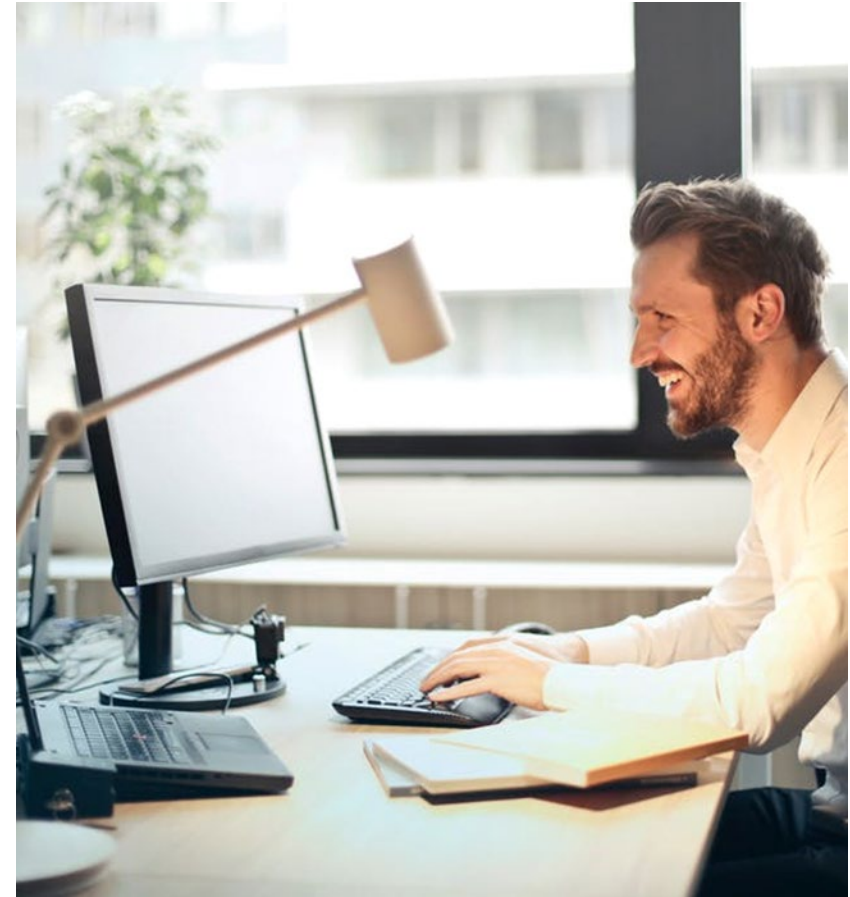
Enbridge Gas' commitment

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, 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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Purpose of the information session

- Consult with Indigenous communities and engage with members of the public and regulatory authorities as stakeholders regarding the project including the project scope, affected communities, proposed pipeline areas, potential impacts, and proposed mitigation measures.
- Provide an opportunity for stakeholders, affected landowners and the public to review the proposed project details, and to ask questions and/or provide comments to Enbridge Gas and Stantec Consulting Ltd. (Stantec) representatives.



Tweed Community Expansion Project

Project Overview

The project will involve the construction of up to approximately 10 kilometers of natural gas expansion pipeline. The scope will be further defined in these four areas:

- Tie-in to the existing Enbridge Gas system on Moira Street, and extend north along Highway 37 and Old Troy Rd.
- Tie-in to the existing Enbridge Gas system on Old Bogart Road and extend northeast.
- Tie-in to the existing Enbridge Gas system on Victoria Street South and extend south.
- A reinforcement segment, which will tie-in to the existing Enbridge Gas system on Crookston Road near McClellan Street and will extend east towards Louisa Street.

Modifications to an existing Enbridge Gas station are also proposed to accommodate additional customers onto the distribution system.



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Enbridge Gas' Engagement with Indigenous Peoples

Enbridge Gas 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 cultures, 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.

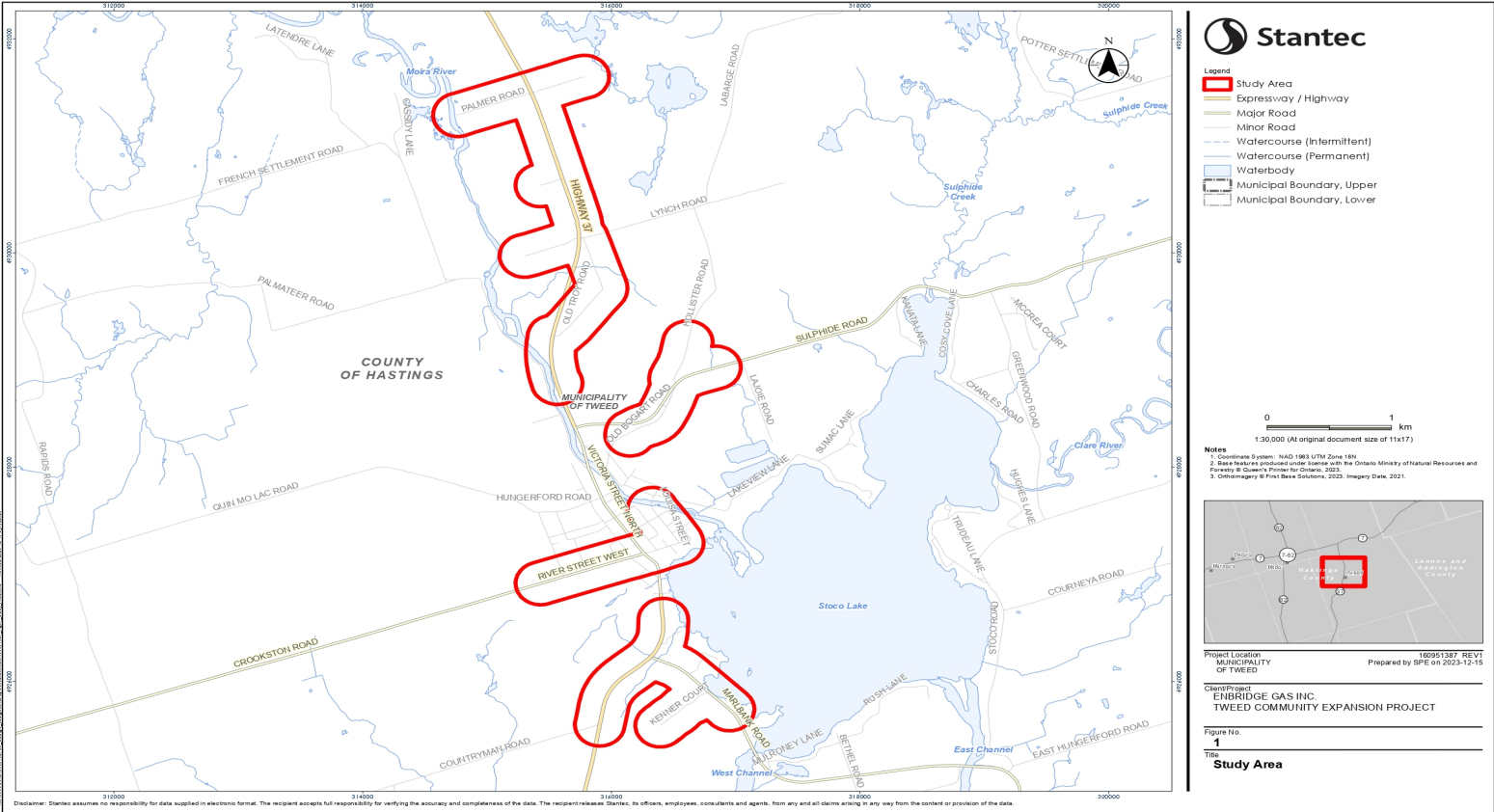
The Indigenous engagement program is based on adherence to the Ontario Energy Board's (OEB) Guidelines and Enbridge Inc.'s company-wide Indigenous Peoples Policy, which Enbridge Gas follows. Enbridge Gas' Indigenous Peoples Policy lays out key principles for establishing relationships with Indigenous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

- Recognizing the importance of the United Nations Declaration on the Rights of Indigenous peoples in the context of existing Canadian law.
- 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 its projects, their potential impacts and benefits.
- Aligning Enbridge Gas' 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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Project distribution system

- The Study Area has been developed for the purpose of an assessment of potential environmental and socioeconomic impacts.
- No Alternative Routes have been considered at this time.
- This map does not represent the final project scope/design that will provide natural gas to end-use customers.



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Environmental study process

As part of the planning process, Enbridge Gas has retained Stantec to undertake an Environmental Study for the project. The Environmental Study will fulfill the requirements of the OEB “*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 and protective measures to avoid or reduce potential impacts.
- Develop an appropriate environmental inspection, monitoring, and follow-up program.

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OEB Review and approval process

It is anticipated that the Environmental Report (ER) for the study will be completed in **2024**. Once complete, Enbridge Gas plans to file a Leave-to-Construct application for the project with the OEB. The application to the OEB will include the following information on the project:

- The need for the project
- Environmental Report and mitigation measures
- Project costs and economics
- Pipeline design and construction
- Land requirements
- Consultation with Indigenous communities

The OEB's review and approval are required before the proposed project can proceed. If approved, construction could begin in **late 2025**.

Additional information about the OEB process can be found online at: www.oeb.ca

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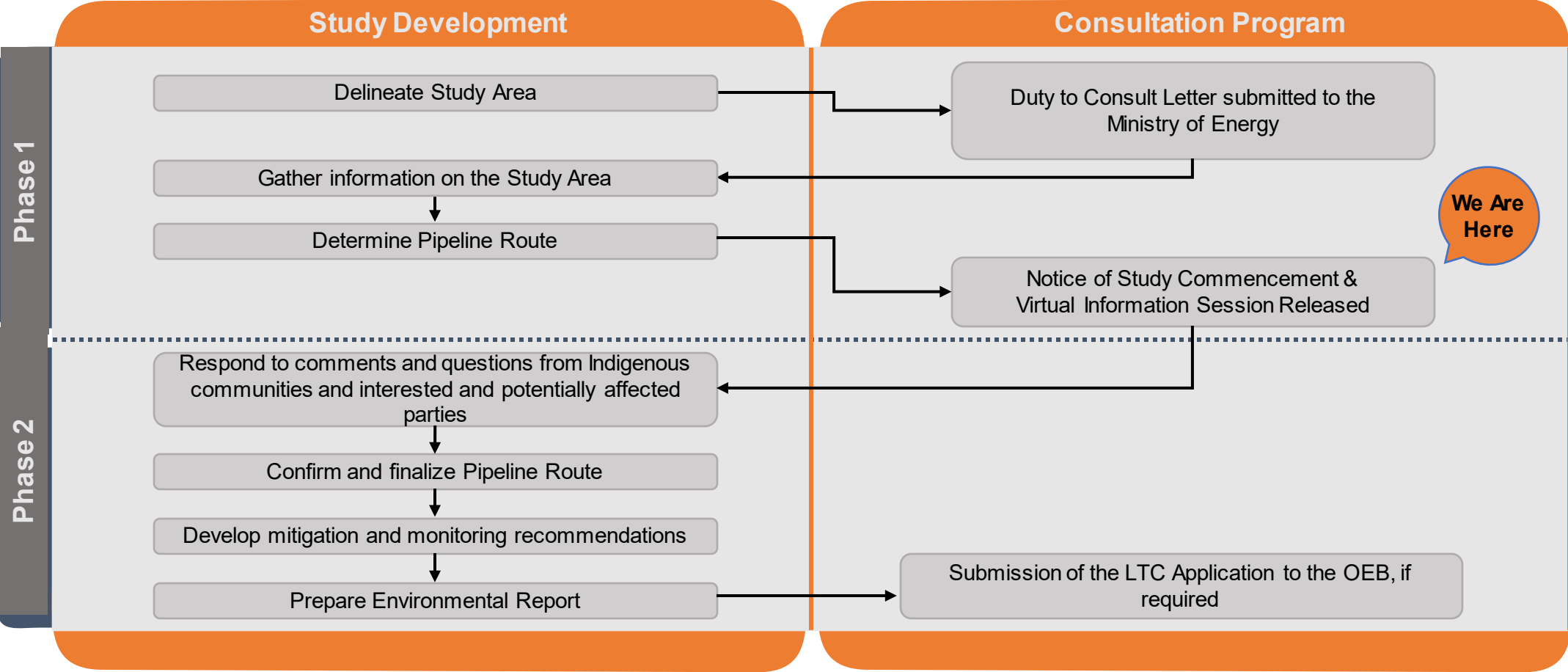


Consultation and engagement

- Consultation and engagement are key components of the ER.
- At the outset of the project, Enbridge Gas submits a Project Description to the Ministry of Energy (MOE). Upon review, the MOE determines potential impacts on Indigenous or treaty rights and identifies Indigenous communities that Enbridge Gas will consult with during the entirety of the project.
- The consultation and engagement program helps identify and address Indigenous community and stakeholder concerns and issues, provides information about the project to the stakeholders and allows for participation in the project review and development process.
- Input during engagement and consultation will be used to help finalize the pipeline route and mitigation objectives for the project.
- Once the LTC application is made to the OEB, any party with an interest in the project, including members of the public, can participate in the process.

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Environmental 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

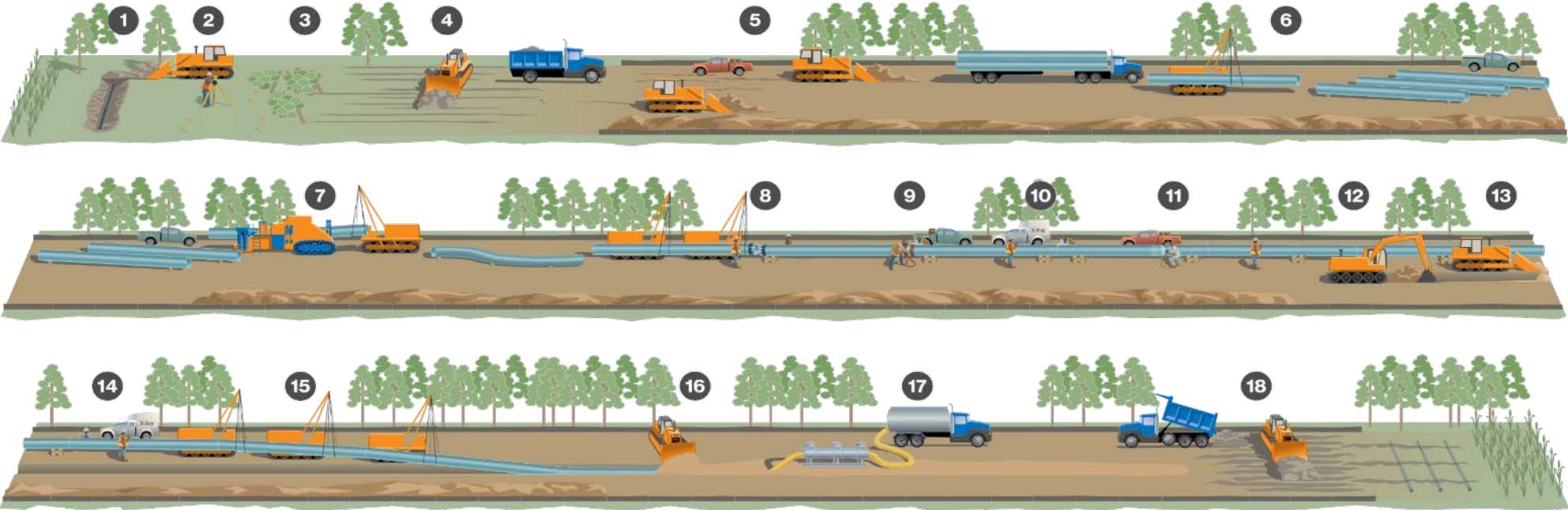
While most of the pipeline route will be constructed within municipal road right-of-way (ROW), some circumstances requiring access agreements, permanent easement or temporary working space during construction could result in the need for additional land outside of the road ROW.

Enbridge Gas has a comprehensive Landowner Relations Program that uses a dedicated Lands Advisor who would:

- Provide direct contact and liaison between landowners and Enbridge Gas.
- Be available to the landowner during the length of the project and throughout construction activities.
- Act as a singular point of contact for all landowners, and address concerns and questions.
- Address any legal 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 | 4. Right-of-way topsoil stripping | 7. Field bending pipe | 10. X-ray or ultrasonic inspection, weld repair | 13. Padding trench bottom | 16. Backfilling |
| 2. Surveying and staking | 5. Front-end grading | 8. Lining-up pipe | 11. Field coating | 14. Final inspection and coating repair | 17. Hydrostatic testing |
| 3. Clearing | 6. Stringing pipe | 9. Welding process | 12. Digging the trench | 15. Lowering pipe | 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)

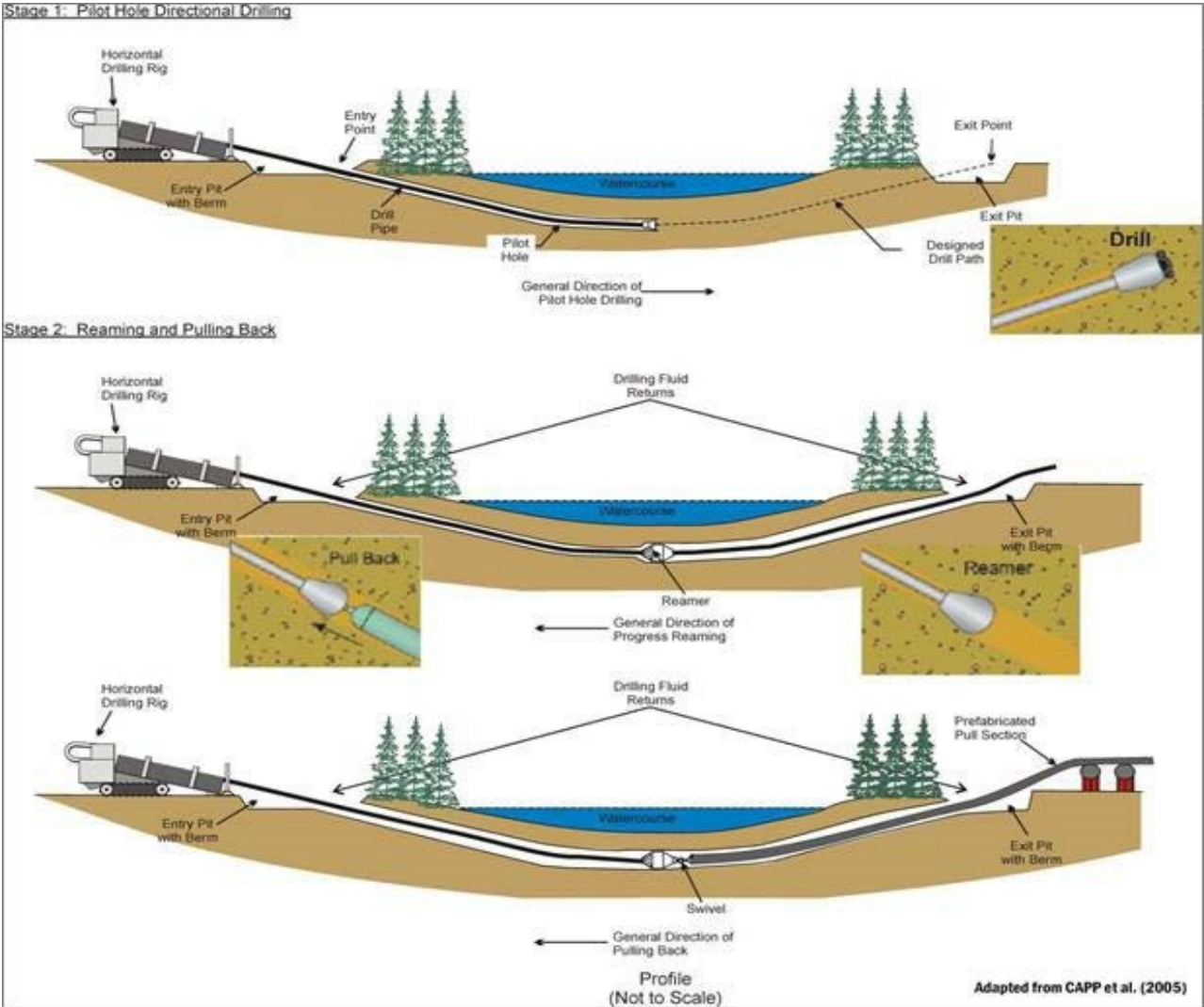
The pipeline construction process includes various procedures, as described in the previous slide.

- **Photo 1:** Shows a typical Enbridge Gas natural gas pipeline. The **Tweed Community Expansion Project** will involve the installation of a pipeline ranging from **2-4 inches** in diameter which will be smaller than the pipeline shown in Photo 1.
- **Photo 2:** Represents a typical trench that is created during the installation process.
- **Photo 3:** Represents the end result 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 ROW and other work areas.



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Horizontal directional drilling procedures



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Horizontal Directional Drill Procedures (HDD)

HDD is the planned method of construction for watercourse crossings

- A geotechnical assessment and enhanced designs will be completed by a qualified consulting service with expertise in HDD drilling technology and practices. The geotechnical assessment and enhanced designs will mitigate potential disruption to a waterbody by identifying favourable ground conditions and determining an appropriate HDD depth under a watercourse.
- Permits will be obtained from the required regulatory authorities. Required permits will be determined and documented in the ER for the project.

Enbridge Gas has completed many significant watercourse crossings by HDD

- In 2014, Enbridge Gas installed a pipeline crossing under the Trent Severn Waterway for a project in Campbellford.
- In 2016, Enbridge Gas installed a pipeline crossing under the Snye River for the Walpole Island Project.
- In 2018-2019, Enbridge Gas installed a natural gas pipeline under the Fenelon River (i.e., Trent Severn Waterway) during the Fenelon Falls Community Expansion Project.
- For the Bobcaygeon Community Expansion Project Enbridge Gas is currently planning the design of the Big Bob and Little Bob Channels, which are part of the Trent Severn Waterway and regulated by Parks Canada.

Mitigation measures for watercourse crossings typically include:

- Obtaining and abiding by all required permits and approvals and their associated conditions.
- Limiting in-water works, where possible, and conforming to fishery timing windows.
- Preparing and following an HDD contingency plan.
- Conducting regular monitoring of the watercourse during drilling activities.

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Pipeline design

The polyethylene (plastic) 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 (TSSA).

Pipeline safety and integrity

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

- Design, construct, and test our pipelines to meet or exceed requirements set by industry standards and regulatory authorities.
- Continuously monitor the entire network.
- Perform regular field surveys to detect leaks and confirm that corrosion prevention methods are working as intended.

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Socio-economic features

The project will mainly be constructed in existing municipal road ROW and 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

- Provide access across the construction area.
- Restrict construction to daylight hours and adhere to applicable noise by-laws.
- Develop and implement 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.
- Implement dust control measures.
- 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, and 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, if required.

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 (MCM).
- Cultural heritage assessment (for built heritage features and cultural heritage landscapes) of the construction ROW, with review and comment from the MCM.
- Stop work 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 therefore will implement recognized mitigation measures to reduce possible environmental effects.

Potential effects

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

Example mitigation measures

- Install erosion and sediment control measures.
- Obtain all agency permits and approvals.
- Conform to fish timing window guidelines.
- Horizontal Directional Drill and/or trenchless drill within or near environmentally sensitive features (i.e., watercourses, wetlands, etc.).
- For in-channel construction, protect aquatic species through methods such as flow diversion/dewatering, fish rescue planning etc., and the management of sedimentation and turbidity.
- Restore and seed disturbed areas to establish ground cover and reduce erosion.
- Replant vegetation along waterways.

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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

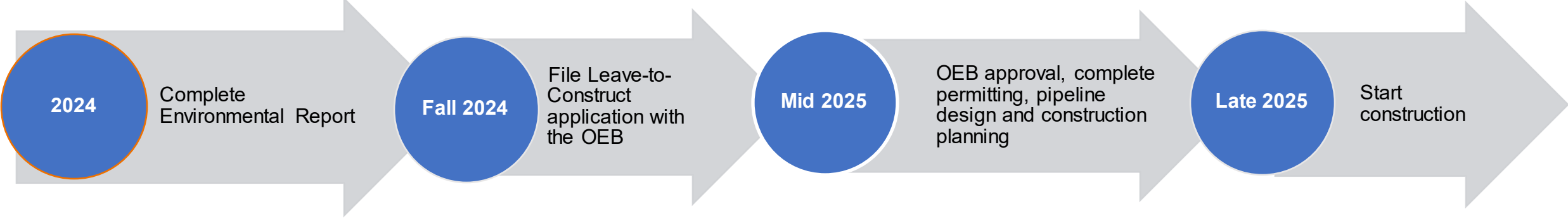
- Conduct surveys (including Species at Risk surveys) in advance of construction to determine opportunities where wildlife habitat may exist.
- Complete tree removal outside of migratory bird windows (typically from April 1 – August 31), to the extent possible.
- Clearly mark the limits of construction areas to avoid accidental damage.
- Restore and seed disturbed areas to establish ground cover and reduce erosion, if required.
- Secure any necessary permits and follow any conditions of approval.

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Next steps

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



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Thank you!

On behalf of the project team, thank you for attending this Open House presentation. Please complete a Questionnaire (located in the Resources Tab if viewing this presentation via the Virtual Open House) by **April 26, 2024**, so that your comments to can be considered as part of the Environmental Report.

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For more information about the proposed project, please visit the Enbridge Gas project website at:
www.enbridgegas.com/residential/new-customers/community-expansion/tweed

