

Bobcaygeon Community Expansion Project Virtual Open House



Welcome

- Press the next button to navigate to the next slide at any time.
- To return to the previous slide, press the previous button.
- You can mute the audio at any time by pressing the speaker icon.
- The presentation slides as well as the audio script are available for download (see the Resources tab in the top right corner).
- Questions and comments can be submitted using the questionnaire found in the Resources tab.
- If you would like to receive future Project updates, please complete the "Contact Information" section of the questionnaire.

Our commitment

- Enbridge Gas is committed to involving Indigenous communities, agencies, interest groups and community members
- We will provide up-to-date information in an open, honest and respectful manner, and will carefully consider your input.
- Enbridge Gas provides safe and reliable delivery of natural gas to more than 3.8 million residential, commercial, and industrial customers across Ontario.
- Enbridge Gas is committed to environmental stewardship and conducts all of its operations in an environmentally responsible manner.



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Purpose of the Virtual Open House

- Provide a safe alternative to an in-person meeting due to current social distancing requirements set out by the Province of Ontario and the Government of Canada.
- Consult with Indigenous communities, and engage with members of the public, and regulatory authorities regarding the proposed Preliminary Preferred and Alternative Routes, and potential impacts.
- Provide an opportunity for these individuals and any affected landowners and the general public to review the proposed Project, and to ask any questions and/or provide comments to representatives from Enbridge Gas and Stantec.



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Land Acknowledgement

We respectfully acknowledge that the proposed Project area is located within Treaty 20 and in the traditional territory of the Michi Saagiig (Mississauga) and Chippewa Nations, collectively known as the Williams Treaties First Nations, which include: Curve Lake First Nation, Hiawatha First Nation, Alderville First Nation, Mississaugas of Scugog Island First Nation, Chippewas of Rama First Nation, Beausoleil First Nation, and Chippewas of Georgina Island First Nations.

The Project area is also located on the ancestral lands of the Huron-Wendat Nation.



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Indigenous People Policy

Enbridge Gas recognizes the diversity of Indigenous peoples who live where we work and operate. We understand from history the destructive impacts on the social and economic wellbeing of Indigenous Peoples. Enbridge Gas recognizes and realizes the importance of reconciliation between Indigenous communities and the broader society. Positive relationships with Indigenous peoples, based on mutual respect and focused on achieving common goals, will create positive outcomes for Indigenous communities. Enbridge Gas commits to pursue sustainable relationships with Indigenous Nations and groups in proximity to where Enbridge Gas conducts business. To achieve this, Enbridge will govern itself by the following principles:

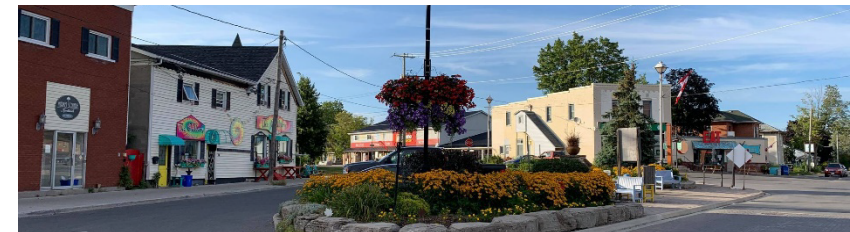
- We recognize the legal and constitutional rights possessed by Indigenous peoples, and the importance of the relationship between Indigenous Peoples and their traditional lands and resources. We commit to working with Indigenous communities in a manner that recognizes and respects those legal and constitutional rights and the traditional lands and resources to which they apply. We commit to ensuring that our projects and operations are carried out in an environmentally responsible manner.
- We understand 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.
- We engage in forthright and sincere consultation with Indigenous Peoples about Enbridge's projects and operations through processes that seek to achieve early and meaningful engagement. Indigenous engagement help define our projects that may occur on lands traditionally occupied by Indigenous Peoples.
- We commit to working with Indigenous Peoples to achieve benefits for them resulting from Enbridge's projects and operations, including opportunities in training and education, employment, procurement, business development, and community development.
- We foster understanding of the history and culture of Indigenous Peoples among Enbridge's employees and contractors, in order to create better relationships between Enbridge and Indigenous communities.

This commitment is a shared responsibility involving Enbridge and its affiliates, employees and contractors. We will conduct business in a manner that reflects the above principles. Enbridge will provide ongoing leadership and resources to effectively implement the above principles, including the development of implementation strategies and specific action plans. Enbridge commits to periodically review this policy so that it remains relevant and respects Indigenous culture and varied traditions.



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Project Overview

- Up to approximately 50 kilometers (km) of a combination of 6- and 8-inch steel and plastic natural gas pipeline.
- The proposed Project is divided into two components: the Supply Lateral and the Reinforcement, each of which have two (2) routes being considered:
 - Supply Lateral: both routes will start near Cowan's Drive and Peace Road and end near the intersection of Highway 36 and Duke Street, crossing the Little Bob and Big Bob Channel. An alternate route is being considered which has a minor deviation east along Traceys Hill Road, north on Eagle Road, east on St Lukes Road and north on Cork Road to Pigeon Lake Road.
 - Reinforcement: both route options require the reinforcement portion which starts near the intersection of Marina Street and Peace Road, travels east on Peace Road and south on Emily Park Road to Stewarts Line where it will end.
 - An additional reinforcement pipeline is required on Highway 35 between Bethany Hills Road and Mt Horeb Road, with an alternate route along Mt Horeb Road and St. Marys Road ending at Bethany Hills Road.
 - Pending regulatory approval by the Ontario Energy Board (OEB), construction of the supply lateral is planned to begin in 2023 and be in service by 2024. Construction of the first section of reinforcement is anticipated to begin in 2026 to be in service by 2026 and for the second section of reinforcement on Highway 35, construction is anticipated to start by 2029 to be in service by end of 2029.



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Environmental Study Process

The environmental study and Environmental Report will be completed as per the OEB's "*Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016)*."

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 minimize potential impacts.
- Develop an appropriate environmental inspection, monitoring and follow-up program.



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Ontario Energy Board (OEB) Review and Approval Process

The application to the OEB will include the following information on the Project:

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

The OEB will then hold a public hearing to review the Project.

If the OEB determines that the Project is in the public interest it will approve construction of the Project.

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



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Route Selection Process

- Pipeline routing constraints include natural environmental features, slope, topography, and socio-economic features and landscapes. Opportunities include the ability to follow existing linear infrastructure such as road right-of-ways (ROWs).
- The proposed Preliminary Preferred and Alternative Routes follow existing linear infrastructure such as existing municipal road ROWs and avoid, to the extent possible, existing environmental and socio-economic features.

An interactive map that shows the entire proposed Route and the alternative segments can be accessed at: www.solutions.ca/BobcaygeonEA

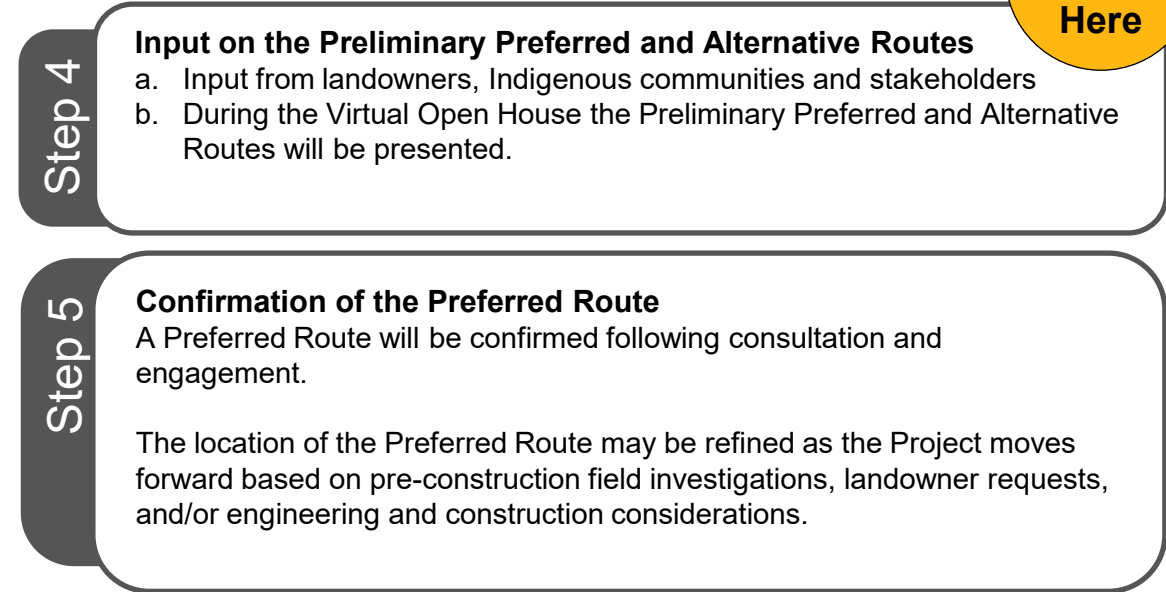
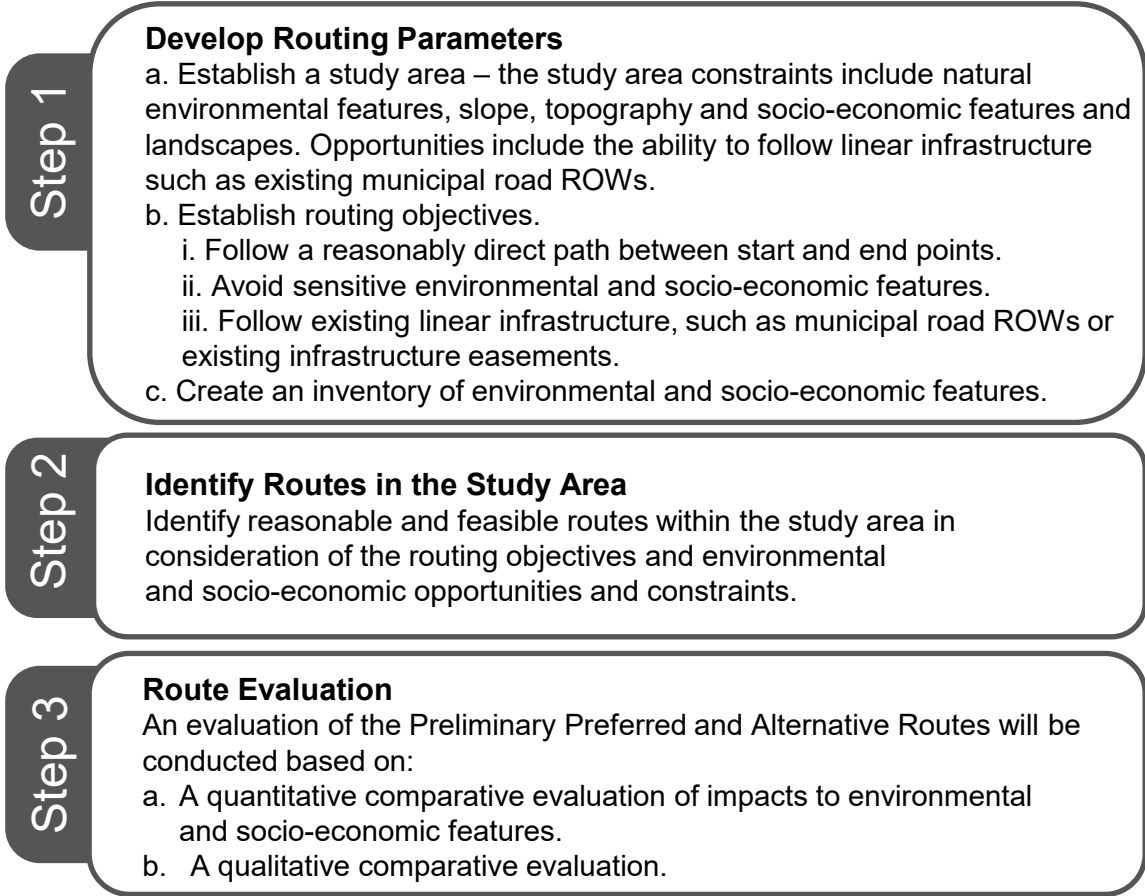


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Preferred Route Selection Process

The Preferred Route for the proposed pipeline will be selected through a five-step process.

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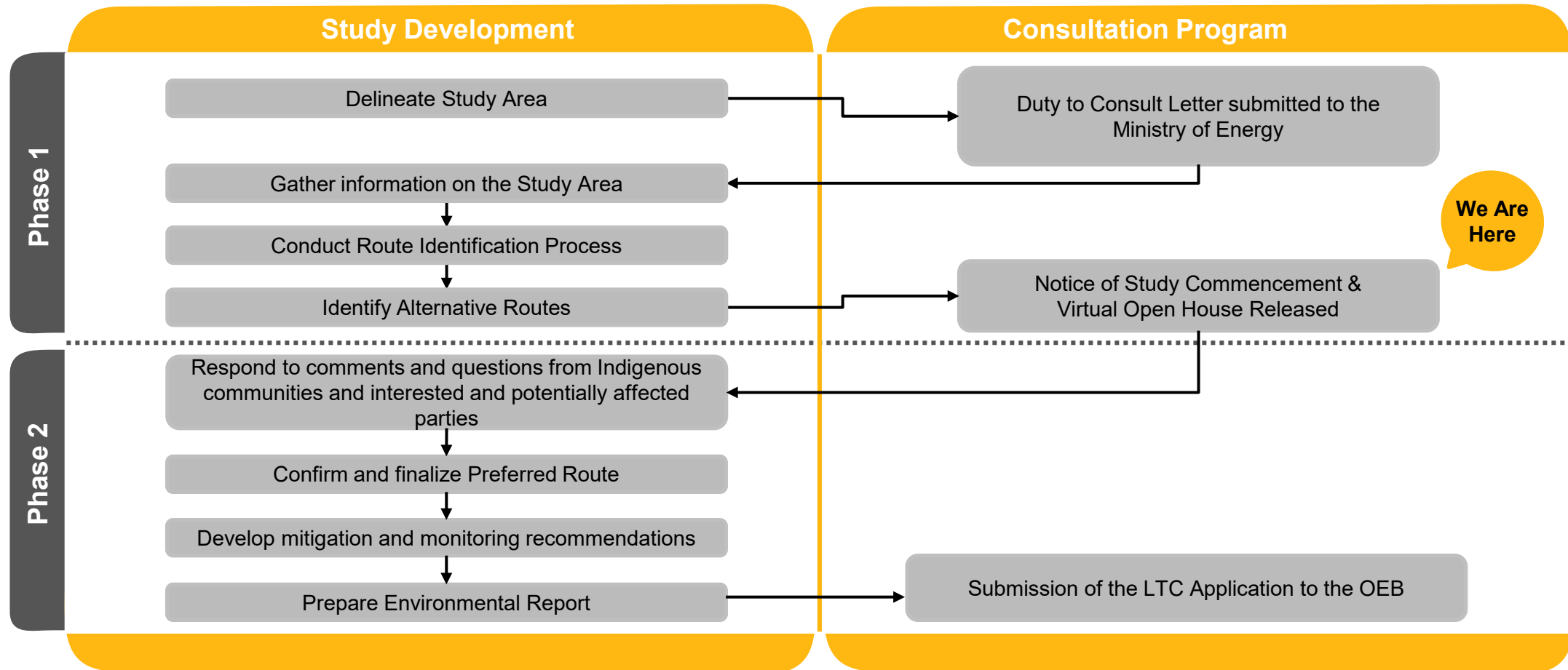
Consultation and Engagement

- Consultation and engagement are key components of the Environmental Report.
- At the outset of the Project, Enbridge Gas submits a Project Description to the Ministry of Energy; upon review the Ministry of Energy determines potential impacts on aboriginal or treaty rights and identify Indigenous communities that Enbridge Gas must 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 allow for participation in the Project review and development process.
- Input will be used to help finalize the preferred pipeline route and mitigation plans for the project.
- Once the Leave-to-Construct (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 we recognize 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

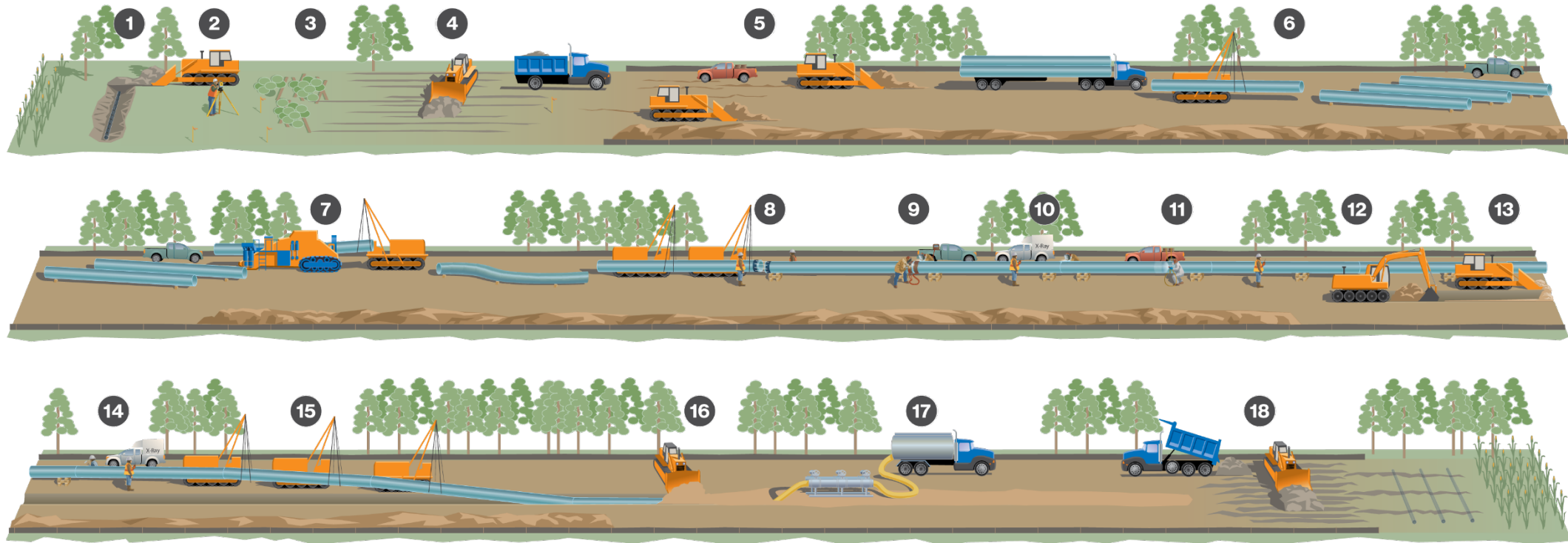
- While the Preliminary Preferred and Alternative Routes will be constructed within municipal ROWs, some circumstances such as requiring Temporary Working Space (TWS) during construction could result in the need for additional land outside of the municipal ROWs.
- Enbridge Gas has a comprehensive Landowner Relations Program that uses a dedicated Lands Advisor who would:
 - Provide direct contact & liaison between landowners and Enbridge Gas.
 - Be available to the landowner during the length of the Project and throughout construction activities.
 - Address the concerns and questions of the landowner.
 - Act as a singular point of contact for all landowners.
 - Address any landowner questions and any legal matters relating to temporary use of property, access agreements, permanent easements and impacts or remedy 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

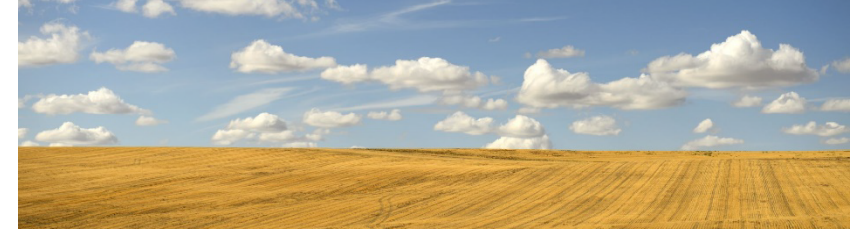
- 13. Padding trench bottom
- 14. Final inspection and coating repair
- 15. Lowering pipe

- 16. Backfilling
- 17. Hydrostatic testing
- 18. Site restoration and post-construction tiling



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Agricultural Soils

Enbridge Gas has established and tested measures to preserve the integrity of agricultural soils throughout the construction phase, if required:

- A third-party soils specialist will determine topsoil depth prior to stripping and supervise activities so the proper depth of topsoil is removed and replaced.
- Topsoil will be stripped from the right-of-way and other work areas and stockpiled along the right-of-way. A separation will be maintained between topsoil and subsoil.
- Enbridge will implement a wet soil shutdown protocol on agricultural lands to minimize soil structure damage.
- The subsoil on the stripped portion of the right-of-way will be chisel ploughed or sub-soiled during cleanup activities to alleviate compaction.
- Enbridge Gas will develop and implement a sampling program on agricultural easements along the pipeline route for potential pests and/or diseases that are known to the area, where appropriate.
- The entire outside boundaries of the workspace necessary for construction of the project will be staked at regular intervals.
- A post-construction cover crop program will be available to impacted landowners.



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Socio-economic Features

The Project will be constructed through or along road right of ways, private business areas, agricultural and residential land, and land regulated Parks Canada, Parks Ontario, Kawartha Conservation Authority and Otonabee Conservation.

Potential Effects

- Temporary increases in noise, dust and air emissions.
- Increased construction traffic volumes.
- Temporary impairment of the use and enjoyment of property.
- Vegetation clearing along the pipeline easement.

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.
- Implement a water well monitoring program.
- Making contact information for a designated Enbridge Gas representative available prior to and throughout construction.
- Dust control measures.
- Re-vegetation of cleared areas (seeding/planting).



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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 minimize 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.

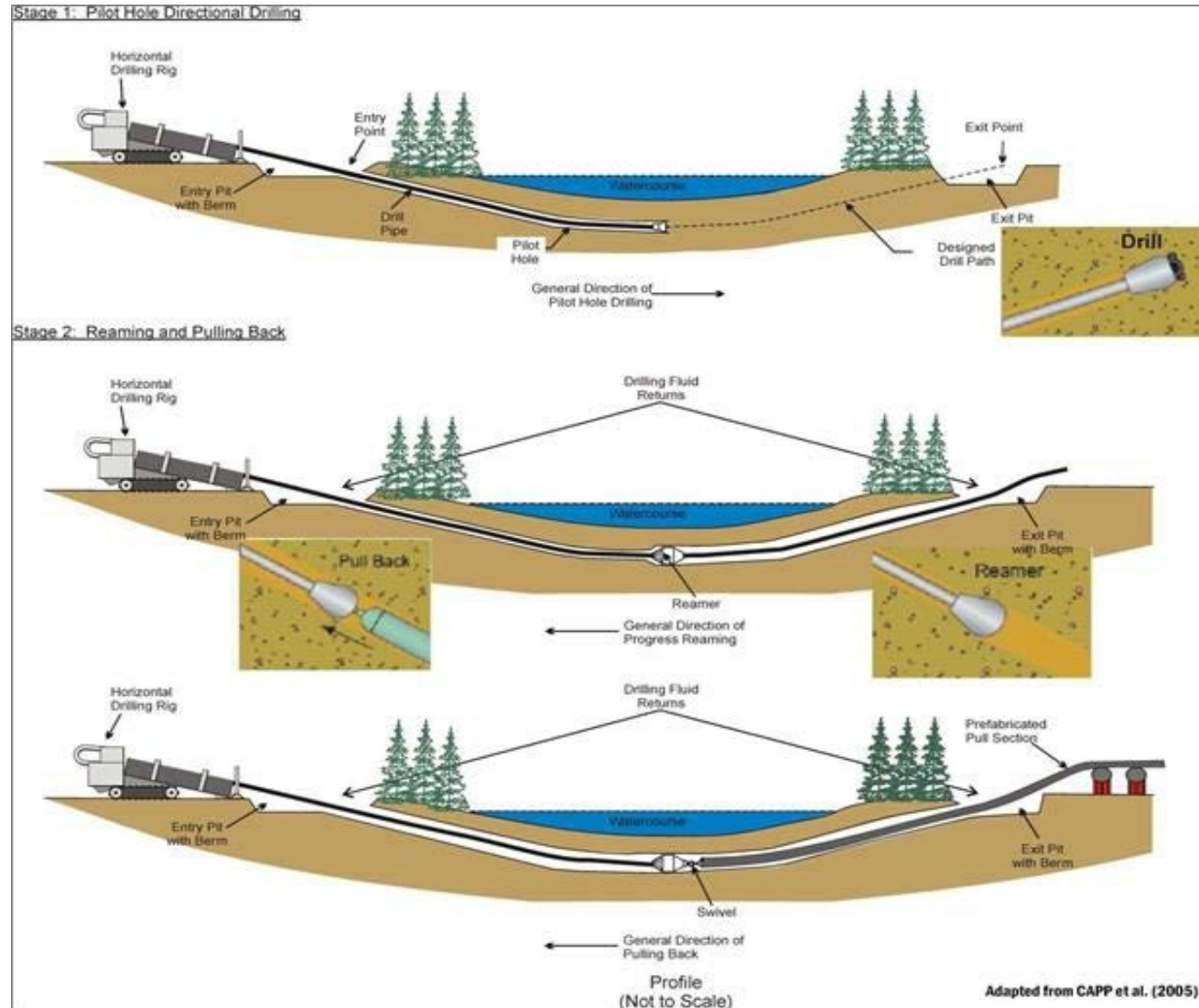
Example Mitigation Measures

- Conduct regular monitoring of waterbodies.
- Obtain all agency permits and approvals.
- Limit in-channel construction, where possible, and conform to fish timing window guidelines.
- Horizontal Directional Drilling (HDD) 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 manage sedimentation and turbidity.
- Restore and seed areas to establish habitat and reduce erosion.
- Replant vegetation along waterways.



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Horizontal Directional Drilling (HDD) Procedures



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Cultural Heritage Resources

During the course of construction, cultural heritage features such as archaeological finds, buildings, fences and landscapes may be encountered. Detailed field surveys will be conducted by independent, third-party archaeologists and cultural heritage professionals.

Potential Effects

- Damage or destruction of archaeological, paleontological or historical resources.

Example Mitigation Measures

- Archaeological assessment of the construction footprint, with review and comment from the Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI).
- Cultural heritage assessment (for built heritage features and cultural heritage landscapes) of the construction right-of-way, with review and comment from MHSTCI.
- Reporting of any previously unknown archaeological, paleontological or historical resources uncovered, or suspected of being uncovered, during excavation.



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Terrestrial Resources

During the course of construction, natural environmental features such as wildlife habitat and vegetated/wooded areas will need to be crossed.

Potential Effects

- Damage or removal of vegetation and wildlife habitat adjacent to 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 for wildlife habitat to exist.
- Complete tree removal outside of migratory bird windows (April 1 – August 31), to the extent possible.
- Clearly mark the construction area to avoid accidental damage.
- Restore and seed areas to establish habitat and reduce erosion.
- Secure any necessary permits and follow any conditions of approval.



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Pipeline Design

The high-grade plastic and 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 & Safety Association (TSSA).

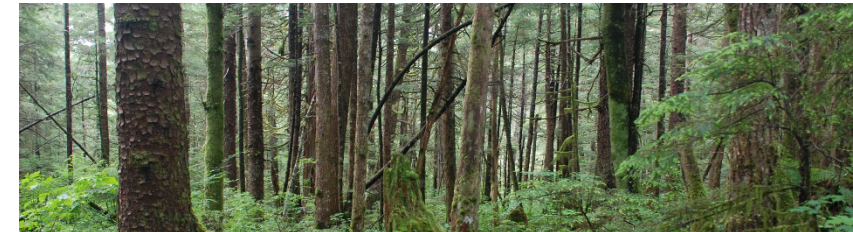
Pipeline Safety and Integrity

We take many steps to ensure safe, reliable operation of our network of natural gas pipelines, such as:

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

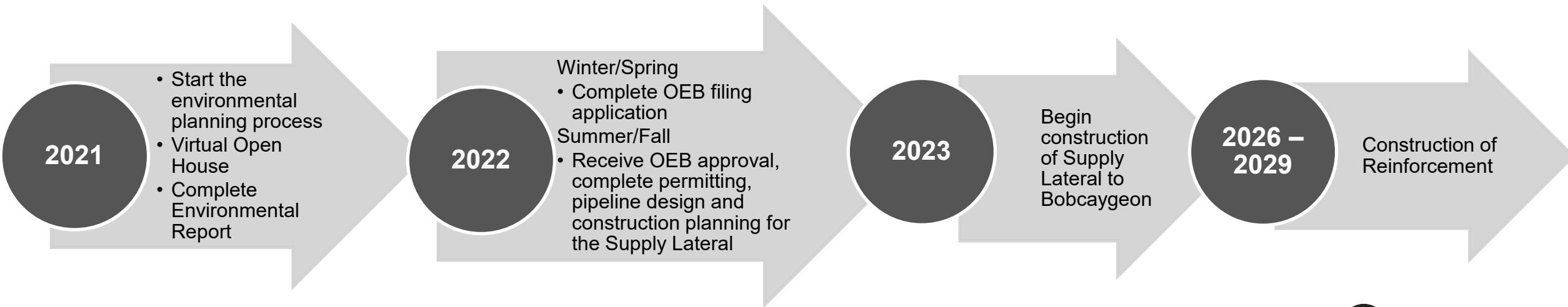


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Next Steps

After this Virtual Open House, we intend to pursue the following schedule of activities:



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Thank-you!

On behalf of the Project team, thank-you for listening to the Virtual Open House presentation. Please complete the Questionnaire, located in the Resources Tab. Please complete the Questionnaire by October 13, 2021, for your comments to be considered as part of the Environmental Report.

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For more information about the proposed project, please visit our project website at: www.enbridgegas.com/bobcaygeonproject

