

NPS 20 Don River Relocation Project Virtual Open House



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- 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 by completing 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, alternative routes, potential impacts, and proposed mitigation.
- Provide an opportunity for these individuals, 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 13 and in the traditional territory of the Mississaugas of the Credit.



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Virtual Open House



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.



NPS 20 Don River Relocation Project

Virtual Open House



Project Overview

- The preliminary preferred route proposes that nominal pipe size (“NPS”) 20 (20 inch) high pressure (“HP”) natural gas main is temporarily relocated from the existing Keating Railway Bridge to the newly widened Lake Shore bridge and then the same segment is constructed back onto a newly constructed utility corridor within the extended Keating Railway Bridge (the “Project”) in the City of Toronto.
- The Project consists of two Phases:
 - (a) A temporary by-pass located on Lake Shore Bridge of approximately 209 m of NPS 20 steel (“ST”) natural gas distribution pipeline; and
 - (b) Permanent pipeline located on the Keating Railway Bridge of approximately 166 m of NPS 20 ST natural gas distribution pipeline.
- Three alternative routes have also been identified and evaluated. These can be viewed on the Project Map.
- Pending regulatory approval by the Ontario Energy Board (OEB), construction of the temporary relocation is planned to begin in early 2023 and be in service in Q2 2023. Construction of the permanent relocation is anticipated to begin in Q2 2024 and be in service by Q3 2024.



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Project History

- Enbridge Gas previously filed an application with the OEB in 2020 to relocate and abandon the existing pipeline located on the Keating Railway Bridge.
- Enbridge Gas completed an Environmental Study in 2020, including assessment of route alternatives, and consultation efforts.
- Enbridge Gas withdrew the application in order to assess additional alternatives that were made possible by an adjustment to Waterfront Toronto's construction schedule, which led to the identification of the current preliminary preferred route.



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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 reduce 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 route 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 preliminary preferred route and the alternative routes can be accessed at: <http://www.solutions.ca/NPS20WaterfrontRelocation>



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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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Step 1

Develop Routing Parameters

- a. Establish a study area – the study area constraints include natural environmental features, slope, topography and socio-economic features and landscapes. Opportunities include the ability to follow linear infrastructure such as existing municipal road ROWs.
- b. Establish routing objectives.
 - i. Follow a reasonably direct path between start and end points.
 - ii. Avoid sensitive environmental and socio-economic features.
 - iii. Follow existing linear infrastructure, such as municipal road ROWs or existing infrastructure easements.
- c. Create an inventory of environmental and socio-economic features.

Step 2

Identify Routes in the Study Area

Identify reasonable and feasible routes within the study area in consideration of the routing objectives and environmental and socio-economic opportunities and constraints.

Step 3

Route Evaluation

- An evaluation of the Preliminary Preferred and Alternative Routes will be conducted based on:
- a. A quantitative comparative evaluation of impacts to environmental and socio-economic features.
 - b. A qualitative comparative evaluation.

Step 4

Input on the Preliminary Preferred and Alternative Routes

- a. Input from landowners, Indigenous communities and stakeholders
- b. During the Virtual Open House the Preliminary Preferred and Alternative Routes will be presented.

Step 5

Confirmation of the Preferred Route

A Preferred Route will be confirmed following consultation and engagement.

The location of the Preferred Route may be refined as the Project moves forward based on pre-construction field investigations, landowner requests, and/or engineering and construction considerations.

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Consultation and Engagement

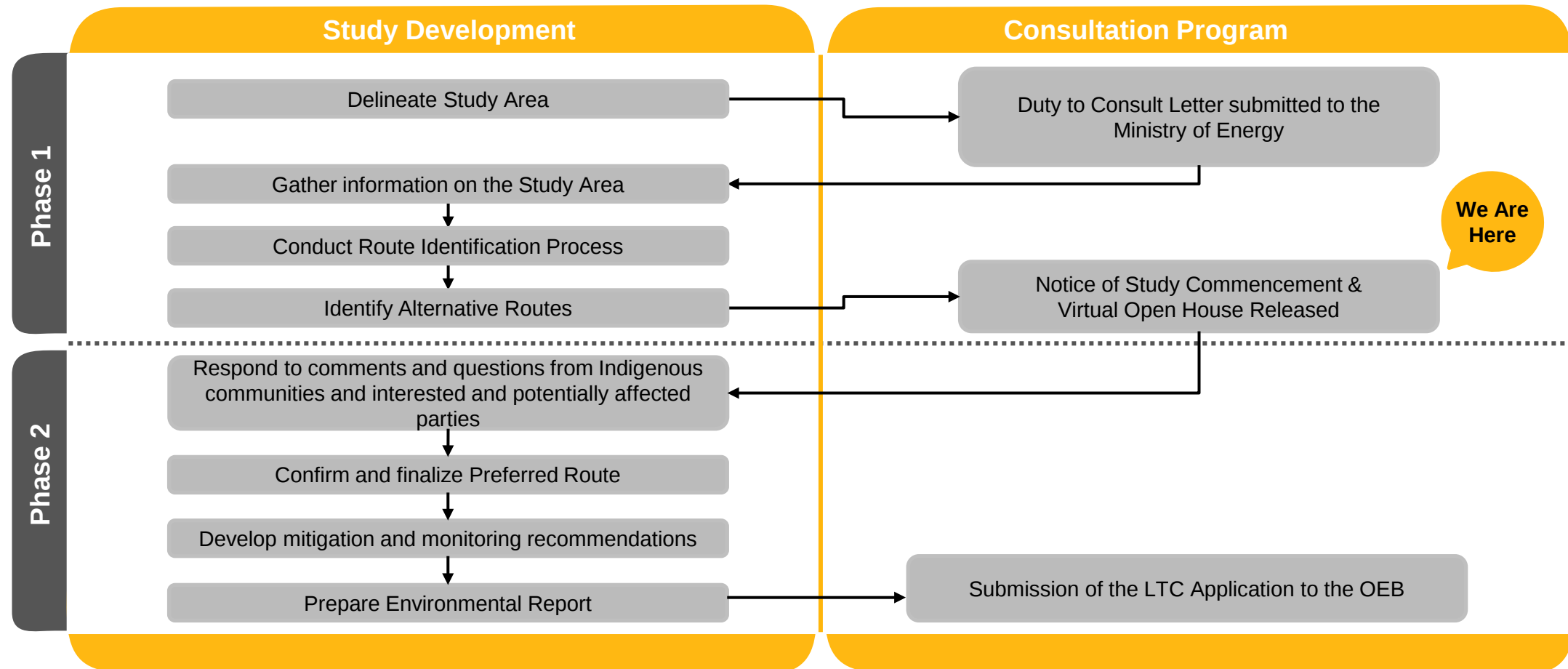
- Consultation and engagement are key components of the Environmental Report.
- At the outset of the Project, Enbridge Gas submits a Project Description to the Ministry of Energy; upon review the Ministry of Energy determines potential impacts on aboriginal or treaty rights and identify Indigenous communities 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 would 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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Socio-economic Features

The Project will be constructed through or along road right of ways, private business areas, recreational paths and residential land, and land regulated by the Toronto Region Conservation Authority.

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 in temporary workspace.

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.
- Dust control measures.
- Re-vegetation of cleared areas (seeding/planting).



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Cultural Heritage Resources

During 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, if required.

Potential Effects

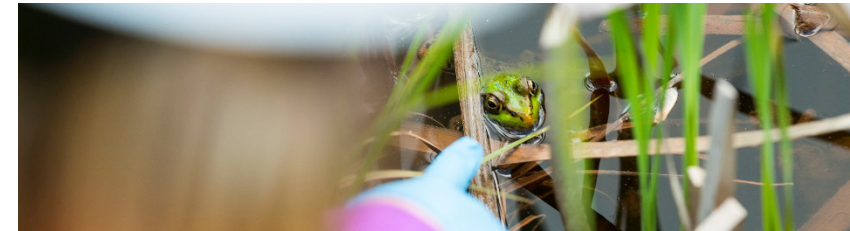
- Damage or destruction of archaeological, or historical resources.

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 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 and associated wildlife during construction and therefore will implement recognized mitigation measures to minimize possible environmental effects.

Potential Effects

- Increased erosion, sedimentation, and/or turbidity.

Example Mitigation Measures

- Install erosion and sediment control measures.
- Obtain all agency permits and approvals.
- Restore and seed disturbed areas to establish habitat and reduce erosion.
- Replant vegetation along waterways, if necessary.



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Pipeline Design

The high-grade 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).

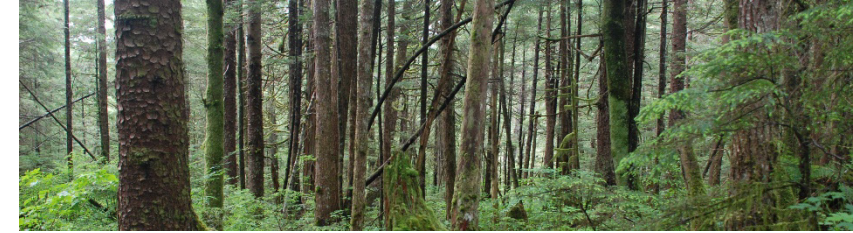
Pipeline Safety and Integrity

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.

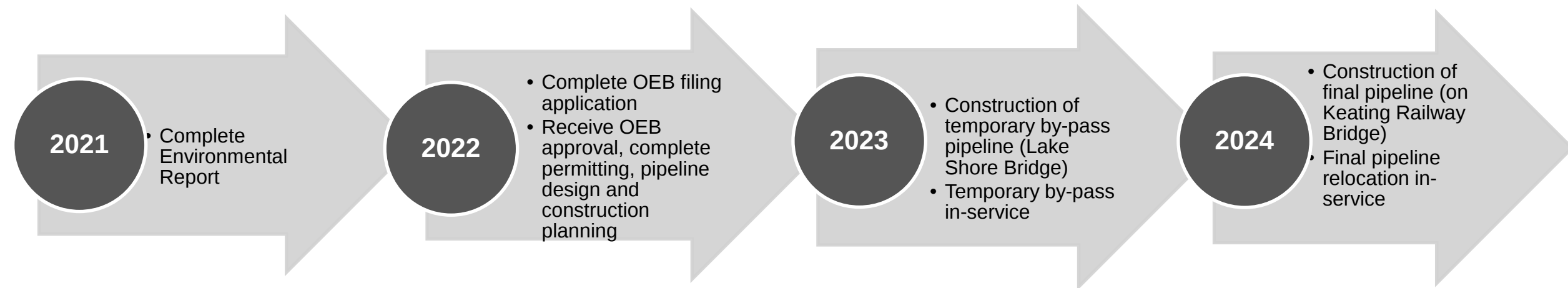


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Next Steps

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. Comments submitted by November 14, 2021, will 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:
<https://www.enbridgegas.com/about-enbridge-gas/projects/don-river-relocation-project>

