
Slide 1: Welcome

Welcome to the virtual open house for the Ajax Reinforcement Project. Thank you for joining us!

Slide 2: Navigating the virtual open house

This presentation will provide information about the project. You can pause or stop the presentation at any time. In addition to this presentation, you can visit the virtual open house website at ajaxreinforcement.ca to download the following materials.

- The [slides](#) shown in this presentation.
- The [audio-video file](#) of this presentation.
- The transcript of this presentation.
- A high-resolution [map](#) of the project.
- A comment form.

You can find the links to download these materials on the virtual open house website.

The virtual open house website contains a link to an [online comment form](#) that we encourage you to fill out with feedback or questions and submit through the website once you have reviewed the virtual open house materials.

A PDF file of the [comment form](#) is also provided on the website. You can download it, fill it out and send to us by email if you prefer providing your comments and feedback through this format.

Should you need to submit the comment form by a mode other than email, please contact the project team. We will provide contact information for the project team at the end of this presentation.

The virtual open house will be available from August 3 to August 17, 2020. However, you can still provide comments, feedback, and questions about the project after August 17, 2020. Copies of the presentation, transcript and comment form will be made available on the project website at enbridgegas.com/ajaxreinforcement after the virtual open house ends.

Slide 3: Purpose of the project and virtual open house

Enbridge Gas Inc. (Enbridge Gas) provides safe and reliable delivery of natural gas to more than 3.7 million customers across Ontario. Enbridge Gas has identified the need to reinforce part of its natural gas distribution network in the Town of Ajax, Ontario. The reinforcement is required to increase system reliability and flexibility and to support current and projected growth in natural gas demand in the area.

Consultation with Indigenous communities and engagement with government agencies and officials, property owners and interest groups are fundamental components of the planning and environmental study that Enbridge Gas is completing for the project.

Enbridge Gas is hosting the open house for the project through a virtual format due to the government restrictions and guidance on public gatherings as a result of COVID-19. This

provides a safe alternative to the in-person open house that would otherwise be hosted for the project under normal circumstances.

The purpose of the virtual open house is to provide information about the project and to present an opportunity for interested parties to ask questions and provide feedback about the project.

All feedback and input gathered throughout the engagement and consultation process for the project will be used to inform the selection of the preferred route and to identify potential issues and site-specific mitigation for the project, where required.

Slide 4: Enbridge Gas Indigenous Peoples Policy (Part 1)

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 in proximity to where Enbridge Gas conducts business. To achieve this, Enbridge Gas will govern itself by the following principles as seen on this slide.

Slide 5: Enbridge Gas Indigenous Peoples Policy (Part 2)

Enbridge Gas Indigenous Peoples Policy continues on this slide.

Slide 6: Project overview

The project will require the construction of a 6-inch high pressure steel natural gas pipeline, an 8-inch intermediate pressure polyethylene natural gas pipeline, and two district stations. The pipeline will be up to 2.5 km in length and will be located within existing road allowances, where possible. Temporary working space and laydown areas may also be required adjacent to the road allowances, to facilitate the movement and storage of equipment for construction.

Three pipeline routes are being considered for the project. These include a preliminary preferred route and two alternative routes.

Slide 7: Route alternatives

The route alternatives are depicted in the figure presented on this slide. A high-resolution [map](#) showing the route alternatives can also be downloaded from the website.

The preliminary preferred route begins at a new district station at the intersection of Taunton Road and Church Street North. From there, the route travels south along Church Street North to Rossland Road West and connects to a new district station. The route then travels east approximately 450 metres along Rossland Road West to a point just east of Harkins Drive, where it connects to the existing natural gas distribution network.

Alternative route 2 would begin at the intersection of Brock Road and Rossland Road West and travel east, where it would connect to a new district station at Church Street North and Rossland Road West. The route would then continue east to the same end point of the preliminary

preferred route on Rossland Road West, where it would connect to the existing natural gas distribution network.

Alternative route 3 would begin at a new district station at the intersection of Taunton Road and Ravenscroft Road. The route would then travel south along Ravenscroft Road to a new district station at the intersection of Ravenscroft Road and Rossland Road West, where it would connect to the existing natural gas distribution network.

Slide 8: Ontario Energy Board review and approval process

Enbridge Gas has retained Golder Associates Ltd. to complete an environmental study for the project.

The study will examine the preliminary preferred route and alternative routes to determine, from an environmental and socio-economic perspective, the preferred route for the project.

An environmental study will be completed for the project and an Environmental Report will be prepared in accordance with the Ontario Energy Board's (OEB) *Environmental Guidelines for the Location, Construction and Operation for Hydrocarbon Pipelines and Facilities in Ontario*. These guidelines provide the planning requirements for new projects and the mitigation required for the construction of these projects.

The OEB is the body that regulates the natural gas industry in Ontario to ensure that the public interest is served and protected.

Once the Environmental Report is completed, Enbridge Gas will file an application for a Leave to Construct for the project with the OEB for approval. The application will contain information about the project including the purpose and need for the project, the results of the environmental study and routing assessment, construction and project costs, land requirements and agreements, and an overview of Indigenous consultation and public engagement.

The OEB will hold a public hearing to support the application review process. Members of the public will be invited by the OEB to participate in the hearing.

The OEB will then make a decision on the application.

Construction of the project can only proceed if the Leave to Construct is approved by the OEB.

The OEB website, oeb.ca, provides additional information about the OEB process.

Slide 9: Environmental study and approvals process

The environmental study and approvals process that is being completed for the project has three main phases.

- Phase 1 - Planning: involves the identification of feasible pipeline route alternatives, and study areas, and then notifying Indigenous communities and stakeholders that the environmental study is beginning.
 - Phase 2 - Evaluation: involves the identification and assessment of the preferred route. Comments received from Indigenous communities and interested stakeholders help inform
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this decision. Potential environmental effects are identified, and mitigation measures are developed, and an Environmental Report is completed.

- Phase 3 – Approvals: involves the submission of the Environmental Report, followed by the OEB hearing and decision process, and then obtaining any other necessary permits or approvals, for example, from the municipality or other regulators.

This slide outlines the different steps within each phase of the process. We are currently at the virtual open house stage, which is the start of Phase 2.

Slide 10: Selection of the preferred route

The selection of the preferred route involves a comparative evaluation of the route alternatives. This evaluation involves the following:

- Collection of information about the existing conditions in the study areas, using both research and site visits.
- Consideration of environmental and socio-economic features and financial, and technical aspects such as sensitive natural features, cultural heritage features, existing or future land uses, costs, and safety.
- Identification of potential adverse environmental and socio-economic effects associated with the construction and operation of each of the route alternatives.
- Consideration of Indigenous and stakeholder input.

The route evaluation process and rationale for the selection of the preferred route will be documented in the Environmental Report.

Slide 11: Environmental study findings

Desktop research and field studies have been completed to identify the existing environmental conditions in the study areas. The study area for each route alternative is shown in the map on this slide. The studies considered components of the natural, socio-economic, and cultural environments. The following slides provide a summary of the existing environmental, social and cultural features in the study areas that have been identified to date.

Understanding the existing conditions helps to identify the potential for environmental, social or cultural effects. Some potential effects are outlined on the following slides.

Preliminary mitigation measures that have been identified at this stage of the environmental study are also summarized in the following slides. Avoidance and mitigation measures will be confirmed once the preferred route is selected.

The input received from interested parties through this virtual open house will help to confirm the existing features, the potential for effects, and the mitigation measures that will be required.

Once the effects and mitigation are confirmed, the results of the environmental study will be documented in the Environmental Report.

Slide 12: Natural environment (part 1)

The natural environment includes features such as woodlands, waterways, and potential animal habitat. The environmental study will evaluate the potential effects to these features as a result of the project. A desktop background review and a site visit were completed to describe the natural environment in the study areas. The following is a summary of key findings:

- Wetlands and woodlands were observed. Open agricultural fields in the preliminary preferred route study area, meadows, and built-up areas were also observed.
- The study areas provide potential habitat for wildlife species, including species at risk.
- East Duffins Creek and Urfé Creek cross the preliminary preferred route and alternative route 2. These creeks are known to support a wide variety of fish species.
- The valleylands of both creeks are designated by the Town of Ajax as environmental protection areas. Valleylands of East Duffins Creek were also observed in the study area of alternative route 3.
- A fish species at risk (reidside dace) is known to occur in Urfé Creek and may be found in the study areas.
- Stormwater ponds were observed along alternative routes 2 and 3.

Slide 13: Natural environment (part 2)

Potential effects on the natural environment may include the removal or vegetation and temporary alteration of habitat for wildlife species during construction (for example, at watercourse crossings or, if required, at temporary workspaces outside of existing road allowances).

Potential effects during construction may also include increased erosion and sedimentation and temporary effects on surface water quality. These may affect both the aquatic and terrestrial environments.

These potential effects should be minimal as the pipeline will be installed within existing road allowances, though temporary workspaces may be required outside of these allowances.

Mitigation will be implemented during construction to minimize effects. This mitigation may include:

- Minimizing temporary workspace areas to the extent possible.
 - Minimizing clearing of vegetation and avoiding clearing trees, if possible.
 - Avoiding vegetation clearing during the migratory birds breeding season.
 - Avoiding in-stream activity by using horizontal directional drilling (HDD) and follow guidelines on fish timing windows.
 - Implementing erosion and sediment control measures.
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- Cleaning up and restoring construction areas as soon as possible after construction, including revegetation.

Slide 14: Horizontal directional drilling

The project will likely cross watercourses along the preferred route. To do this horizontal directional drilling, or HDD, techniques may be used.

HDD is chosen as a construction technique to reduce or avoid environmental impacts. To place the pipeline under a river, entry and exit pits are dug outside the river and a drilling rod and drilling fluid is used to install the pipeline under the sensitive feature. Using advanced technology and highly trained technicians, the drill head guides the pipe electronically to ensure the angle, depth, and exit point adhere to carefully designed engineering plans. The pipeline segments are also typically made of thicker steel and have a protective first layer of coating and a second abrasion-resistant coating to protect the pipe through the process.

Slide 15: Socio-economic environment (part 1)

The socio-economic environment includes features such as residences, businesses, recreational features and public amenities such as school and hospitals.

The project is primarily located in the Town of Ajax. A portion of alternative route 2 is also located within City of Pickering boundaries.

The study areas are mainly residential with several new subdivisions and on-going housing construction. The study area along alternative route 2 is the most densely built.

There are cultural and recreational facilities in the area, including a golf centre and driving range, municipal parks, churches, and portions of the Great Trail of Canada, which is also known as the Trans Canada Trail.

There is construction currently being completed on Church Street North between Rossland Road West and the hydroelectric corridor.

Slide 16: Socio-economic environment (part 2)

Temporary effects during construction may include:

- Nuisance effects such as noise and dust.
- Road or lane closures and increased traffic volume.
- Limited access to recreational, community or institutional facilities and commercial businesses along the road where construction occurs.

Mitigation measures during construction may include:

- Complying with municipal noise by-laws.
 - Implementing best management practices to minimize noise and dust emissions.
 - Developing and implementing a traffic control and protection plan to safely control traffic flow at and around construction areas.
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- Repairing impacts to public roadways, sidewalks or other paved areas due to project construction, as directed by the appropriate governing authorities.
- Providing, in advance, the schedule for road closures and construction to municipalities, directly affected and adjacent property owners and businesses.

Slide 17: Cultural environment (part 1)

- Review of historic mapping was completed to identify properties with potential cultural heritage value or interest and cultural heritage landscapes in the study areas. Four properties with potential cultural heritage value or interest and one potential cultural heritage landscape were identified.
- Two non-designated properties listed on the Town of Ajax's *Inventory of Non-Designated Heritage Properties* have been identified along the preliminary preferred route and alternative route 2.
- Pineridge Memorial Gardens are located adjacent to the preliminary preferred route.
- Areas with archaeological potential were identified along all route alternatives through the Stage 1 Archaeological Assessment. Areas that have been previously disturbed within existing road allowances are not likely to have archaeological potential.
- A trail marker honouring the history and cultural contributions of Indigenous peoples in Ontario can be found on the Great Trail along alternative route 2.

Slide 18: Cultural environment (part 2)

Potential effects as a result of project construction may include:

- Disturbance of areas with archaeological potential.
- Disturbance of cultural heritage properties and landscapes.

Mitigation measures include:

- Complete further archaeological studies in areas with archaeological potential along the preferred route prior to construction.
- If previously undocumented archaeological resources are discovered during construction, cease construction immediately, engage a licensed archaeologist to carry out further archaeological studies, and report the findings.
- Conduct further studies for cultural heritage to identify effects on cultural heritage properties and landscapes before construction, and implement the recommendations identified through those studies.

Slide 19: Study area features

The map on this slide shows key natural, cultural and socio-economic features in the study area. You can download a copy of this [map](#) from the virtual open house website.

Slide 20: Typical pipeline design and construction

Enbridge Gas pipelines are designed to meet or exceed the regulations of the Canadian Standards Association and the applicable regulations of the Technical Standards & Safety Association.

Construction activities for Enbridge Gas pipelines are temporary and transitory. Once the pipe is lowered into the trench, Enbridge Gas restores the area to pre-construction conditions to the extent possible. The figure on this slide shows the typical pipeline construction sequence.

After construction, Enbridge Gas takes many steps to ensure safe, reliable operation of the network of our natural gas pipelines.

Slide 21: Our commitment to environment, health and safety

Enbridge Gas is fully committed to protecting the environment, and to promote and ensure health and safety through our activities. Our commitment to environment, health and safety is summarized in this slide.

Slide 22: Proposed project timeline

The environmental study is underway.

It is anticipated that the Environmental Report will be completed in October 2020 and submitted to the Ontario Pipeline Coordinating Committee for review and comment. The Ontario Pipeline Coordinating Committee is formed by representatives of the different Ontario ministries.

Enbridge Gas will then file the application for the Leave to Construct for the project with the OEB for approval.

If approved, construction of the project is anticipated to begin in the summer of 2021. It is anticipated that construction of the project will take approximately six months.

Slide 23: Next steps – submit your comments!

That concludes the presentation portion of our virtual open house.

We want to hear from you! We encourage you to fill out and submit the online comment form on the virtual open house website (ajaxreinforcement.ca) by August 17, 2020 to provide comments, feedback and questions about the project. Your input is welcomed and appreciated.

You can also provide your input by email until September 3, 2020. Please download the online comment form from the virtual open house website and submit the filled-out form by email to ajaxreinforcement@golder.com by September 3, 2020.

Should you need to submit the comment form by a mode other than email, please contact the project team at the email above or 647-376-6357 and we will be happy to help you provide your input by another means.

We will also respond to your questions as quickly as possible.

Slide 24: Thank you!

Thank you for participating in the virtual open house for the Ajax Reinforcement Project!

If you want to reach the project team directly, please use the contact information provided in this slide.

Please visit the Enbridge Gas project website at enbridgegas.com/ajaxreinforcement for more information about the project.