

London Lines Replacement Project  
Correspondence Tracking  
Government and Agencies

N/A - Not Available

Comment Number	Stakeholder Group	Stakeholder Representative Name	Method of Communication	Date of Communication	Summary of Comment	Date of Response	Summary of Response
N/A	All municipal contacts on the contact list	N/A	Email	March 31, 2020 - April 2, 2020	Enbridge sent a meeting invitation to contacts at municipalities to discuss the proposed Project.	N/A	N/A
See Appendix B1 and B3	All agencies on contact list	N/A	Email	April 8, 2020	Notice of Commencement and Information Session.	N/A	N/A
See Appendix B1	All municipal contacts on the contact list	N/A	Email	May 14, 2020	Notice of Project Change sent to all contacts at the municipalities. Notice of Project Change sent to contacts at the MENDM on May 19, 2020.	N/A	N/A
1	Ministry of Energy, Northern Development and Mines (MENDM)	Dan Delaquis (MENDM)	Email	December 9, 2019	Enbridge sent an email, including a Project Description for the London Lines Project, noting that a Leave to Construct application will be filed with the Ontario Energy Board (OEB), and inquired as to if the Project triggers the Duty to Consult process.	February 25, 2020	The MENDM responded to the inquiry sent on December 9, 2019 and provided a letter noting that the Project may have the potential to affect Indigenous communities, and provided a list of these potentially affected communities to consult with.
2	Municipality of Middlesex Centre	Rob Cascaden Director of Public Works and Engineering	Email	April 8, 2020	The Municipality of Middlesex Centre responded to the Notice of Commencement noting that Glendon Drive is a county road and as such the Notice should be sent to Middlesex County as well and provided a contact name at the County.	April 8, 2020	Stantec replied confirming that the Notice will be sent to the County of Middlesex as well.
3	County of Lambton	Ben Puzanov Manager of Planning and Development Services	Phone Call	April 14, 2020	The County of Lambton called regarding the LLRP Notice and left a voicemail. Specific to Dawn-Euphemia township representatives have noted that there are no development applications within the study area. They are also checking with their cultural services department to see if there are any items of cultural interest in the area.	N/A	N/A
4	Lambton Federation of Agriculture (LFA)	Gary Martin President	Letter via Email	April 15, 2020	The LFA provided a letter via email concerning the LLRP. The LFA noted that internet access may be limited and therefore landowners may not be able to participate in the Virtual Open House. The LFA inquired about the possibility of an in-person Open House.	April 17, 2020	<p>Stantec responded to the emailed letter: "Thank you very much for your letter and your comments.</p> <p>We understand that access to internet may not be available to all residents and stakeholders within the study area of the Project. Enbridge has tried to address this limitation in a few ways to ensure all interested residents and stakeholders have the ability to provide input on the proposed Project and potential routes while protecting the health and safety of all those involved.</p> <p>Enbridge has a project-specific phone line that is available for any resident or stakeholder to contact at any time. A representative from Stantec would then be able to provide this resident or stakeholder with the option being emailed or of having a printed copy of the Open House information mailed to them, as well as a print out of the audio script, questionnaire and a paid postage return envelope to mail the completed questionnaire back, if needed.</p> <p>The Notice of Commencement was mailed to all residents and stakeholders within the study area and it was also published in The Age Dispatch (serves Strathroy-Middlesex area ) and The Herald (serves Thamesville and Bothwell area). The Notices were published this week and will be published again in the same papers next week (during the week of April 20-24). The project-specific phone number is included in the notices dropped off to all stakeholders and in the published newspaper Notice of Commencement.</p> <p>At this time, Enbridge will not be considering an in-person public Open House, as the timeline of when this may be able to proceed is unknown.</p> <p>if you have any further questions or comments please feel free to reach out to the Project Team at your convenience."</p>
5	Middlesex County	Bill Rayburn Chris Traini	Meeting (Skype)	April 15, 2020	A virtual meeting (Skype) was held to discuss the Project. On April 16, 2020 Enbridge emailed detailed mapping, the Newspaper Notice and the PowerPoint presentation that was displayed during the meeting on April 15.	N/A	N/A

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6	Township of Dawn-Euphemia	Donna Clemont Paul Dalton	Meeting (Skype)	April 15, 2020	A virtual meeting (Skype) was held to discuss the Project. Enbridge emailed more detailed mapping to the Township after the meeting.	N/A	N/A
7	Municipality of Strathroy-Caradoc	George Elliot Fred Tranquili Demetri Makrakos Jake Straus Jennifer Huff	Meeting (Skype)	April 15, 2020	A virtual meeting (via Skype) was held to discuss the Project. Enbridge emailed the Newspaper Notice and a detailed map.	N/A	N/A
8	Municipality of Southwest Middlesex	Jill Bellchamber-Glazier Greg Storms	Meeting (Skype)	April 16, 2020	A virtual meeting (via Skype) was held to discuss the Project. Enbridge emailed a more detailed map to the Municipality after the meeting.	N/A	N/A
9	County of Lambton	Matt Deline Ron VanHorne Jason Cole	Meeting (Skype)	April 20, 2020	A virtual meeting (via Skype) was held to discuss the Project. Enbridge emailed the Newspaper Notice and a detailed map.	N/A	N/A
10	Municipality of Middlesex Centre	Michael Di Lullo Robert Cascaden Lee Smith	Meeting (Skype)	April 20, 2020	A virtual meeting (via Skype) was held to discuss the Project. Enbridge emailed the Newspaper Notice and a copy of the PowerPoint presentation that was displayed during the meeting on April 20. Enbridge sent a second email with a detailed map.  The Municipality of Middlesex Centre thanked Enbridge for the materials and noted they would share the information.	N/A	N/A
11	Municipality of Strathroy-Caradoc	George Elliot	Email	April 21, 2020	George Elliot (Municipality of Strathroy-Middlesex) emailed Enbridge and provided information for consideration in the development of the project and the Environmental Assessment. This information included: access to Right of Ways (RoWs), request to see project infrastructure above grade prior to construction, various features along the existing route and alternative segments. and construction plans for the fall of 2020 into the end of 2021 from McEvoy Road from Adelaide to Hickory Drive.	April 29, 2020	Enbridge sent an email thanking the Municipality of Strathroy-Caradoc for providing the detailed information. Enbridge included an attachment of responses to questions and comments asked by the Municipality, as well as map showing the proposed station locations and how they may look.
12	County of Lambton	Ben Puzanov Manager of Planning and Development Services	Email	April 21, 2020	The Manager of Planning and Development Services, County of Lambton, provided cultural services information via email.	April 22, 2020	Stantec thanked the County of Lambton for providing the cultural services information.
13	Ministry of Transportation (MTO)	Amanda Rodek Program Analyst	Email	April 24, 2020	The MTO provided comments regarding the LLRP. The MTO's main concerns include: impacts to the travelling public and future conflicts with highways improvement projects. MTO noted Enbridge will be required to meet MTO guidelines and obtain permits, where necessary.  The email and letter forwarded to Enbridge on April 24, 2020.	June 25, 2020	A virtual meeting (via Skype) was held between Enbridge and MTO (Michael Kilgore) to discuss the Project, specifically the crossing of Highway 402.

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14	Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI)	Joseph Harvey (on behalf of Katherine Kirzati) Heritage Planner	Email	April 24, 2020	MHSTCI provided comments on the project.  The email was forwarded to Enbridge on April 27, 2020.	July 13, 2020	Stantec sent the following response:  "Good afternoon Joseph,  Thank-you for your letter and comments regarding the London Lines Replacement Project. Enbridge is committed to continuous consultation and receiving all applicable permits and approvals prior to construction.  As part of the Environmental Report a Stage 1 Archaeological assessment was completed outlining areas of potential for further study and is appended to the ER. A cultural heritage checklist was also completed and findings were included in the Environmental Report. A Cultural Heritage Evaluation Report will be completed prior to construction. All reports and findings will be submitted to the MHSTCI for review.  As part of the Ontario Pipeline Coordinating Committee, the Environmental Report will be circulated to the MHSTCI for review for 42 days prior to applying to the OEB for Leave to Construct."
15	Technical Standards and Safety Authority (TSSA)	Kourosh Manouchehri Fuels Safety	Email	April 27, 2020	The TSSA replied to the Notice of Commencement noting an application will need to be filled and submitted for review by the TSSA as part of the OPCC.	July 13, 2020	Enbridge will complete the TSSA form and submit as part of the OPCC review process.
16	Transport Canada (TC)	Environmental Assessment Program, Ontario Region	Email	April 30, 2020	TC responded noting that project proponents are requested to self-assess if their project will interact with a federal property and/or waterway, or if it will require approval and/or authorization under any Acts administered by TC.	N/A	N/A
17	Upper Thames River Conservation Authority (UTRCA)	Karen M. Winfield Land Use Regulations Officer	Email	May 1, 2020	The UTRCA provided comments on the proposed Project. Specifically, comments related to: 1. UTRCA regulated areas (requirement to obtain permit approval under 157/06, portion of the study area are within the boundaries of the UTRCA watershed, request for a more detailed map of the existing and currently proposed pipeline routes and at a more definable scale) 2. Digital Mapping (UTRCA can provide digital mapping) 3. Terrestrial and Aquatic Ecology and Aquatic Species at Risk [SAR] (detailed fish/mussel and benthic sampling records may be available, access to data that shows potential presences of federally and/or provincially protected aquatics SAR) 4. Water Quality, Woodlands, and Other Natural Heritage Features (study area lies within portions of the Komoka Creek and River Bend sub watersheds, study area contains significant natural heritage features) 5. Digital Water Source Protection (abide by regulatory requirements of Ontario Clean Water Act and local source water protection, noted highly vulnerable aquifers within study area, UTRCA may have access to mapping data for source water protection).  The email and letter were forwarded to Enbridge on May 11, 2020.	May 4, 2020	Stantec thanked UTRCA for providing comments.
18	Lower Thames River Conservation Authority (LTRCA)	Randall Van Wagner Manager, Conservation Lands and Services	Email	May 12, 2020	Stantec emailed LTRCA to discuss obtaining permits for Project construction activities and to set up a date and time to hold a phone call.	May 19, 2020	LTRCA (Jason Homewood, Water Resources and Regulations Technician) responded to the email requesting a shapefile or KMZ file of the project location.
19	Ministry of Energy, Northern Development and Mines (MENDM)	Dan Delaquis (MENDM)	Email	May 14, 2020	Enbridge sent a letter via email to MENDM to inform the ministry that new alternative routes have been added to the Project.	N/A	N/A

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20	Lower Thames River Conservation Authority (LTRCA)	Jason Homewood, Water Resources and Regulations Technician	Email	May 22, 2020	Stantec provided the requested shapefile and requested date and time availability to discuss the Project with LTRCA.	May 25, 2020	<p>LTRCA responded noting that based on the shapefiles provided there are only 3 regulated watercourses crossed in LTRCA jurisdiction and that a permit would be required for each of the three crossings. LTRCA provided a cost estimate, the application form and noted the CA will need to know the location of each crossing, method and depth of each crossing and the sedimentation and erosion control plans. LTRCA typically requests that replacement pipelines are installed at least 2.5 m below the existing bottom of the watercourse or below the design depth of the watercourse if it is a municipal drain.</p> <p>LTRCA noted that the permitting process for this project will be easy as there are only 3 crossings proposed.</p>
21	Lower Thames River Conservation Authority (LTRCA)	Jason Homewood, Water Resources and Regulations Technician	Email	May 26, 2020	Stantec thanked LTRCA for their response and noted that Enbridge does not need a follow-up conversation due to the limited number of crossings in LTRCA regulated area.	N/A	N/A
22	Southwest Middlesex	Mark McGill Councillor, Ward 1	Phone Call	May 14, 2020	Councillor and landowner (Mark McGill) called regarding the LLRP (519-287-3055).	May 14, 2020  May 27, 2020	<p>Stantec returned the call. No response, voicemail left.</p> <p>Enbridge (Municipal Affairs and Stakeholder Relations) contacted Councillor McGill on May 27. Councillor McGill noted two farmers have reached out to say they did not receive a notice. Enbridge will provide copies of the two letters (Notice of Commencement, and the Change Notice) via email. Councillor McGill asked; if there will be crop damage payment to landowners</p> <p>1. Will there be crop damage paid to landowners. Enbridge responded yes, but it will not be discussed until a route is chosen and finalized and then landowner discussions would begin.</p> <p>2. Is the route going to be generally the same? Enbridge responded yes, except in the areas with proposed alternative routes to move the pipeline off farm fields into road allowances. Enbridge noted this may mean additional customers are connected and cautioned that we are still in the route study phase with Stantec.</p> <p>3. Should I get a quote to extend service to my home. Enbridge responded yes, but cautioned that he should wait to do so once the final running line is chosen.</p>
23	St. Clair Region Conservation Authority (SCRCA)	Melissa Deisley Regulations Officer	Meeting (Skype)	May 25, 2020  May 26, 2020	<p>A virtual meeting (via Skype) was held between Enbridge Gas Inc., Stantec and SCRCA to discuss the Project and the processes and requirements to obtain SCRCA permits for construction.</p> <p>Meeting minutes sent via email on May 26, 2020.</p>	N/A	N/A
24	Upper Thames River Conservation Authority (UTRCA)	Karen M. Winfield Land Use Regulations Officer	Meeting (Skype)	June 2, 2020  June 8, 2020	<p>A virtual meeting (via Skype) was held between Enbridge Gas Inc., Stantec and UTRCA to discuss the Project and the processes and requirements to obtain UTRCA permits for construction.</p> <p>Meeting minutes sent via email on June 8, 2020</p>	N/A	N/A



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25	Middlesex Federation of Agriculture	Lucia A. Lilbourne Coordinator	Email	June 2, 2020	"Good afternoon; I left a message this morning at (519) 780-8186 and thought I'd follow-up with this email.  The Middlesex Federation of Agriculture is working on a draft letter to be reviewed at our meeting June 4th. I see by the latest correspondence letter on this project, you were requesting comments by May 29th. Due to the infrequencies of picking up mail, and holding Board meetings, we have missed that date.  I wanted to let you know I will be sending a letter Friday, or early next week at the latest.  Thanks."	June 2, 2020	"Good afternoon Lucia,  Thank-you for your voicemail and email. We are happy to extend our comment deadline for you.  If you have any questions or concerns in the meantime, please let me know.  Regards"
26	Middlesex Federation of Agriculture	David Bolton President, Board of Directors  Sent by Lucia Lilbourne	Letter via Email	June 8, 2020 (letter dated June 4, 2020)	The Middlesex Federation of Agriculture (MFA) noted that the expansion of the natural gas supply is positive for the members and will allow for increased access to an economical fuel source. The MFA asked that future natural gas needs for farming operations and agricultural businesses are taken into consideration and that Enbridge consider the profile and depth of the gas line. The MFA noted current issues with municipal drains being designed with siphons to go around existing pipelines. The MFA requests to be included on any and all future correspondence relating to the project.	June 9, 2020	Stantec replied thanking the MFA for their letter.

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Indigenous Communities

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Comment Number	Community	Community Representative Name	Method of Communication	Date of Communication	Summary of Comment	Date Response Provided	Summary of Response
See Appendix B1	All communities on contact list	N/A	Email	February 26, 2020	Notification letter and map sent to all communities and contacts on the Indigenous Communities contact list.	N/A	N/A
See Appendix B1	All communities on contact list	N/A	Email	March 9, 2020	An updated map was sent to all communities and contacts on the Indigenous Communities contact list.	N/A	N/A
See Appendix B1 and B3	All communities on contact list	N/A	Email	April 8, 2020	Notice of Commencement and Virtual Open House sent to all communities and contacts on the Indigenous Communities contact list.	N/A	N/A
See Appendix B1 and B3	All communities on contact list	N/A	Email	April 29, 2020	Virtual Open House presentation slides sent to all communities and contacts on the Indigenous Communities contact list.	N/A	N/A
See Appendix B1 and B3	All communities on contact list	N/A	Email	May 15, 2020	Follow-up email regarding the Notice of Commencement and Virtual Open House sent to all communities and contacts on the Indigenous Communities contact list. A Notice of Project Change letter was attached to this email as well.	N/A	N/A
1	Caldwell First Nation	Nikki Van Oirschot	Email	March 17, 2020	Nikki Van Oirschot (Caldwell First Nation) responded to the March 9, 2020 email noting that the Chief is currently on leave until September 2020, and that she will advise if Council would like to meet to discuss the Project.	March 18, 2020	Enbridge thanked Nikki Van Oirschot (Caldwell FN) and noted they will wait to hear back if a meeting with the council is approved.
2	Caldwell First Nation	Nikki Van Oirschot	Email	May 15, 2020	Nikki Van Oirschot (Caldwell First Nation) confirmed receipt of the Notice of Project Change.	N/A	N/A

## London Lines Replacement Project Correspondence Tracking Landowners and Public

N/A - Not Available

Comment Number	Stakeholder Group	Method of Communication	Date of Correspondence	Summary of Comment	Date Response Provided	Summary of Response
See Appendix B1 and B3	Landowners / Residents	Letter (Canada Post unaddressed mail)	April 16, 2020	Notice of Commencement and Virtual Open House sent to landowners within the Study Area.	N/A	N/A
See Appendix B1 and B3	Landowners / Residents	Newspaper Notice (Strathroy Age Dispatch)	April 16, 2020 April 23, 2020	Notice of Commencement and Virtual Open House published in newspaper.	N/A	N/A
See Appendix B1 and B3	Landowners / Residents	Newspaper Notice (The Herald)	April 15, 2020 April 22, 2020	Notice of Commencement and Virtual Open House published in newspaper.	N/A	N/A
1	Landowners / Residents	Email	April 9, 2020	Landowner (Ruth T ) and owner of emailed looking to confirm whether or not the LLRP line will affect either or both of the landowners properties.	April 13, 2020	Enbridge (Lands Advisor) responded via email to confirm that the project is not planned to intersect the landowners properties.
2	Landowners / Residents	Phone call	April 16, 2020	Landowner (Dan B.) called regarding the LLRP ( ). Requested a return call.	April 16, 2020	Stantec returned the call. The landowner owns a farm on Cooks Road and had received the mailed-out letter. The landowner noted that he and several of his neighbours who also have farms would like access to natural gas, and have been requesting access for a year or so. The landowner was notified of the Virtual Open House and Stantec provided the 1-866 phone number to discuss Enbridge Gas Inc. connections.
3	Landowners / Residents	Phone call	April 17, 2020	Landowner (Rob D.) called regarding the LLRP ( ). Voicemail forwarded to Enbridge on April 17, 2020	April 27, 2020	Enbridge returned the call. Landowner asked if the route was located on Century Road or if was on Falconbridge Drive. Enbridge confirmed that the route alternative is on Falconbridge Drive, and noted that feedback is currently being received on the route.
4	Landowners / Residents	Email	April 19, 2020	Landowner (Alex M ) sent an email regarding the LLRP and requested a larger scale map for the Komoka/Melrose area.	April 27, 2020	Stantec responded and provided instructions and a link to access the interactive map.
5	Landowners / Residents	Phone call	April 20, 2020	Landowner (Ruth S.) called regarding the LLRP ( ).	April 20, 2020	Stantec returned the call and spoke about the Project. The landowner noted they do not have access to a computer. Stantec noted a hardcopy of the Virtual Open House materials and questionnaire would be sent in the mail (documents mailed on April 21, 2020). The landowner noted they would like to speak with someone at Enbridge. A summary email was sent to Enbridge on April 20th to follow up with Ms.
6	Landowners / Residents	Phone call	April 20, 2020	Landowner (James C.) called regarding the LLRP ( ), and noted wanting to connect to natural gas.  Voicemail forwarded to Enbridge on April 21, 2020.	May 14, 2020	Stantec returned the call and spoke with the landowner. No specific concerns raised, the landowner wanted to know if they can hook up to the natural gas. Stantec provided the 1-866 phone number to discuss Enbridge Gas Inc. connections.
7	Landowners / Residents	Email	April 20, 2020	Landowner (Tracy S ) emailed regarding the LLRP and asked about the proposed routes, specifically in the area of Amiens, Avro Drive and Highway 402.	April 22, 2020	Stantec replied to the email and provided a screen shot of the interactive map showing the proposed route and alternative in the area mentioned by the landowner. Stantec also provided the landowner with the 1-866 phone number to discuss Enbridge Gas Inc. connections.
8	Landowners / Residents	Phone call	April 21, 2020	Landowner (David J ) called regarding the LLRP and noted interest in connecting to natural gas ( ).	April 23, 2020	Stantec returned the call. The landowner asked about their parent's property along Falcon Bridge Drive that currently has an orchard in the front of the property, and if the route will impact the orchard. The landowner also asked about connecting their property to natural gas. Stantec noted a printed version of the orchard property will be mailed to the landowner's parents (mailed on April 27th) and provided the landowner with the 1-866 phone number to discuss Enbridge Gas Inc. connections.
9	Landowners / Residents	Phone call	April 21, 2020	Landowner (Duncan M ) called regarding the LLRP ( ), and requested a more detailed map to show their property in proximity to the study area. The landowner provided an email address on the voicemail.	April 21, 2020	Stantec replied via email and provided a map of the landowner's property in relation to the study area. A link to the Virtual Open House was provided and information on the interactive map.

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10	Landowners / Residents	Email	April 22, 2020	Landowner (Jody K.) emailed regarding the LLRP and noted they could not find their address on the interactive map.	April 22, 2020	Stantec replied via email and provided a list of steps to use the interactive map to find their property, and provided a screenshot of the property from the interactive map program.
11	Landowners / Residents	Email	April 23, 2020	Landowner (Steve S ) emailed regarding the LLRP and requested to be contacted by phone ( ).	April 23, 2020	Stantec called the landowner back. The landowner asked if there is currently a line going to Strathroy, the timing of the phases of the project, if the landowners will be kept up to date on the project activities and if a landowner's property is needed to be crossed or the line is going in front of their property, if they will be notified. Stantec confirmed Enbridge is reviewing 2 alternatives for Strathroy (1 and 2), noted the ER finalization process and submission to the OEB, and noted the landowners will be notified when the ER is complete. Stantec also told the landowner that a Enbridge land agent would be in touch to discuss both temporary and permanent land easements, if required.
12	Landowners / Residents	Phone call	April 27, 2020	Landowner (Emil P.) called regarding the LLRP ( ) and if the project will impact their properties.	April 27, 2020  April 29, 2020	<p>Stantec returned the call. Landowner asked:</p> <ol style="list-style-type: none"><li>1. What side [of the road] the pipeline is being installed in</li><li>2. Landowner is building a new house and installing a new driveway and since the pipeline that crosses his property will be abandoned he is wondering if he requires a crossing easement.</li><li>3. Landowner is installing a fence for his cattle and is concerned that the new pipeline will impact his ability to install the new fence.</li><li>4. The existing gas pipeline on his property juts in about 10-15 m from Falconbridge and he indicates that his lawyer has completed a title search and apparently there is no registered easement along Falconbridge and specifically near or on his property for this natural gas pipeline.</li><li>5. Landowner asked what the plan was for the old pipeline and Stantec indicated that it would be abandoned in place. He does not have a concern but doesn't want to have to get a crossing agreement for his driveway.</li></ol> <p>On April 29, Enbridge (Lands Agent) spoke with the landowner. The landowner's main concern is obtaining the contact information for third party while he builds a driveway. Enbridge noted they would try to find information for him (District's or Operations). Enbridge noted the District will need to make sure any activity is appropriate on top of the line. Landowner is confident there is no depth of cover concern in his field since he chisel ploughs 18-20 inches deep and hasn't hit anything.</p> <p>Discussed the lack of registered easement. Landowner understands we [Enbridge] have one and that during conversion from registry to land titles it was not brought forward. Enbridge also noted that we are not sure yet which side of the road we will be on; waiting for the ER report. Landowner builds sub-divisions so he is very familiar with the process.</p>
13	Legal Representation for Landowners/Residents	Email	April 28, 2020	Paul M (Partner, ) sent an email to Enbridge advising that has approached the law firm to provide advice and assist with any submissions with respect to the Project. Mr. stated they have advised that provides legal services to Enbridge and that as such they cannot provide services to without the consent of Enbridge.	June 4, 2020	Enbridge had a phone conversation with Mr. Paul M and stated that Enbridge would not permit representation of if they were in any way antagonistic to Enbridge's interests, however Enbridge has no objection to providing with general advice.

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14	Legal Representation for Landowners/Residents	Letter via Email	April 29, 2020	<p>Paula L (Partner, ) submitted a letter containing comments on the LLRP and Virtual Open House on behalf of their clients ( ). The letter noted that the client anticipates considerable disruption to the aggregate operations from project construction. It is requested that Alternative Route 6 be chosen as the preferred route.</p> <p>The email and letter were forwarded to Enbridge on April 29, 2020.</p>	April 30, 2020	<p>Stantec thanked for the letter and requested the referenced map as it was not attached in the original correspondence.</p> <p>Paula L ( ) provided a copy of the map via email.</p>
15	Landowners / Residents	Email	April 30, 2020	Landowner (Charmaine) responded to the Notice. The landowner does not want any type of gas line running on or near their property. The landowner requested they receive a response by email.	May 1, 2020	Stantec responded to the email and provided a map showing the landowners property in relation to the study area and preferred route. Stantec noted that the property is located 830 m from the study area, and therefore it is not anticipated any direct impacts to the property will occur. Stantec noted temporary travel delays may occur if the landowner drives through the Project study area during construction.
16	Landowners / Residents	Email	May 1, 2020	Landowner (Charmaine) thanked Stantec for the response. The landowner noted their initial concern arose from a blue line at the end of their driveway and they were concerned this was related to the Project. The landowner asked if any construction impacts on the Catwalk, including dust, debris and noise levels.	May 1, 2020	Stantec reiterated that construction activities related to the Project will be greater than 830 m from the property and that as such the property and the Catwalk should not be impacted.
17	Landowners / Residents	Phone call	May 1, 2020	Landowner (John ) called regarding the LLRP ( ). Primary concern is depth of the pipeline, what will happen to the existing pipeline once decommissioned, if there will be compensation for damaged crops and if landowners will be able to access natural gas.	May 1, 2020	<p>Enbridge (Lands Agent) returned the call. Landowner has 2 farms with existing pipelines. Landowner provided their concerns, outlining the deficiencies, as he saw them, of the existing pipelines: shallow, leaking. Landowner informed Enbridge about the aerial crossings of the pipe in the ditch which prevents him from cleaning the ditch.</p> <p>Enbridge explained the project to him in general terms, and that Enbridge hopes to run the new pipeline in road allowance and once we have an abandonment plan in place he will be contacted. Noted if work on his farms is required he will be compensated but we are not sure what that looks like at this time. He was very happy to hear we plan to put the pipe in the road and that we construct these deeper with no daylighting anymore.</p>

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N/A - Not Available

Comment Number	Stakeholder Group	Method of Communication	Date of Correspondence	Summary of Comment	Date Response Provided	Summary of Response
18	Landowners / Residents	Email	May 1, 2020	<p>Landowner (Dana) responded to the Notice, noting that they live on a property owned by                      The landowner provided the following comments:</p> <ol style="list-style-type: none"> <li>1.With the proposed alternative route we would like to confirm that per your letter all services to                      Glendon Drive will be maintained during and after the project is complete.</li> <li>2.As                      Glendon Drive is an active farming operation we would like specific additional details on the decommissioning plans associated with the existing lines and if Union Gas will be lifting their easement across the                      property after all decommissioning activities are complete.</li> <li>3.We would like to know what the anticipated impacts to our active farming operations will be including but not limited to access.</li> <li>4.As we currently maintain the ditch in the municipal right of way (pick up garbage, cut grass, etc.), please confirm that the ditch will be restored after the new line goes through such that we can continue to maintain the right of way.</li> </ol> <p>Email forwarded to Enbridge on May 4, 2020.</p>	May 26, 2020	<p>Enbridge responded to the landowner's email. Enbridge noted the Environmental Assessment for the project is underway and that a preferred route has not been chosen yet. Enbridge requested that if the landowner has a preference on whether they would like the pipeline to move to the road right-of-way or be replaced in the existing easement to provide such feedback to help inform the routing evaluation when choosing the preferred route. Enbridge responded to the questions posed in the landowners email:</p> <ol style="list-style-type: none"> <li>1. With the proposed alternative route we would like to confirm that per your letter all services to Glendon Drive will be maintained during and after the project is complete. a. Correct all existing services will be maintained as part of this project.</li> <li>2. As                      Glendon Drive is an active farming operation we would like specific additional details on the decommissioning plans associated with the existing lines and if Union Gas will be lifting their easement across the                      property after all decommissioning activities are complete. a. The existing lines will be decommissioned and abandoned. Decommissioning will result in either removal of the pipeline or abandonment in place decided with your consultation, easement agreement and environmental input. Consultation with municipalities, stakeholders, landowners and indigenous groups will further refine the decommissioning plan for the remainder of the project. An Enbridge Lands Agent will be in contact in the future to discuss this further.</li> <li>3. We would like to know what the anticipated impacts to our active farming operations will be including but not limited to access. a. Once a preferred route is chosen the Lands agent will be in contact to discuss project impacts and access requirements for potential future activities including environmental and construction surveys and construction works if necessary.</li> <li>4. As we currently maintain the ditch in the municipal right of way (pick up garbage, cut grass, etc.), please confirm that the ditch will be restored after the new line goes through such that we can continue to maintain the right of way. a. Upon the completion of construction Enbridge will restore the area to pre-construction conditions. Monitoring will then take place to ensure complete restoration.</li> </ol>
19	Landowners / Residents	Email	May 5, 2020	Landowner (Vicky W.) responded to the Notice on behalf of her mother. The landowner asked if the proposed pipeline will run down Glendon Drive, as it does not show that it will on the map and her mother was confused as to why to received the letter.	May 5, 2020	Stantec replied to the email and noted that landowners and residents within 1km of the study area were sent the Notice of Commencement letter. Stantec confirmed that the landowners address on Glendon Drive lies within 1km of the study area but not the study area itself. Stantec noted that at this time, the route and project work are not anticipated to impact residents on Glendon Drive.
20	Landowners / Residents	Phone call	May 11, 2020	Landowner (Malcolm B.) called regarding the LLRP ( ).	May 11, 2020	<p>Stantec returned the call. The landowner had the following comments:</p> <ol style="list-style-type: none"> <li>1. Someone was on his farm over the last week or so spraying the ground marking the location of the lines with paint. With his farm being an organic one he is concerned that the paint will impact the status of it being organic. Enbridge to find out who was on the property spraying and we need to figure out if this impacts organic farming, maybe the folks who did the spraying of the paint will know?</li> <li>2. His preferred route is for the pipeline go along Bentpath Line, up Forest Road to Mossie Line and across East, not cross country across his farm.</li> <li>3. He does not want pipelines on his property because the existing ones on there now have a very shallow depth of cover (~ 11") and he cannot deep till his land with the pipelines at that depth.</li> <li>4. He would prefer that the pipelines be removed after harvest to reduce to impact to his crops, but also noted that he would like to be compensated and since organic crops are 3x more expensive he'd like that taken into consideration.</li> </ol>

London Lines Replacement Project  
Correspondence Tracking  
Landowners and Public

N/A - Not Available

Comment Number	Stakeholder Group	Method of Communication	Date of Correspondence	Summary of Comment	Date Response Provided	Summary of Response
21	Landowners / Residents	Phone call	May 21, 2020	Landowner (Michael C ) called regarding the LLRP ( ). Landowner wanted clarification on the scope of the project.	May 22, 2020 May 25, 2020 May 26, 2020	<p>Stantec returned the call. The landowner indicated that they were working and noted they would call Stantec back the following week.</p> <p>Stantec had follow up conversations with the landowner on May 25 and 26. The landowner is not impacted by any of the routes but saw the project in a newspaper ad. The landowner noted the following concerns and comments:</p> <p>1. May 26 - concerned with the crossing of the Thames River (sensitive geographic feature at the east end of the study area due to the presence of a Species at Risk and also with respect to the natural environment related to the valley associated with the River. Stantec informed the landowner that the take off point is north of the Thames River and that no crossing of the Thames is needed for this project.</p> <p>2. May 26 - concerned about the sections that go cross country at the east end of the Study Area, in particular between Komoka Road and Vanneck Road and Amiens Road and Falconbridge Drive. Landowner requested to know if those sections are abandoned, would they be removed? Stantec indicated that the preferred approach would be to abandon in place however if the landowner or a regulatory body requested it be removed, it would be assessed on a case by case basis.</p> <p>3. May 25 - requested to know if an Environmental Assessment is being completed and under what regulatory authority. Stantec informed the landowner that an Environmental Report is being completed in accordance with OEB Guidelines (2016).</p> <p>4. May 25 - requested to know how they will know when the Environmental Report is completed so they can review and provide comments to the OEB. Stantec committed to the landowner that they would be added to the mailing list and be informed when the ER is completed and posted on the Project website.</p>
22	Landowners / Residents	Phone call	May 21, 2020	Landowner (Todd E ) called regarding the LLRP ( ). Landowner wanted to know if the pipeline will be going through their farm or not.	May 22, 2020 May 26, 2020	<p>Stantec returned the call. No response.</p> <p>On May 26, Stantec called again. The landowner indicated they live on Amiens Road where one of the alternative routes is located near Glendon drive. The landowner would like to be notified only if the pipeline is to be located on their property. Stantec informed the landowner that the aim is to locate the pipeline within the municipal road allowance, however should the preferred route be on his property he would be notified by Enbridge. The landowner had no further concerns or questions.</p>
23	Landowners / Residents	Phone call	May 22, 2020	Landowner (Joel B ) called regarding the LLRP ( ).	May 22, 2020	<p>Stantec returned the call. The landowner indicated that there are two gas pipelines currently on the property. The landowner asked:</p> <p>1. If a different route is selected, will he retain access to natural gas? Stantec responded yes, regardless of the route selected he will maintain gas service.</p> <p>2. Will the pipeline be abandoned in place? Stantec responded yes, it would be abandoned in place.</p> <p>3. When the pipeline is abandoned will the life lease for the pipeline right-of-way on his property be removed? Stantec noted that an Enbridge lands agent would be in touch to provide a response.</p>
24	Landowners / Residents	Phone call	May 22, 2020	Landowner (Matt J.) called regarding the LLRP ( ).	May 26, 2020	<p>Stantec returned the call. The landowner noted there are no pipelines on his property, but he would like to speak with someone from Enbridge about connecting to natural gas. Stantec forwarded the contact information to Enbridge on May 26, 2020.</p>

London Lines Replacement Project  
Correspondence Tracking  
Landowners and Public

N/A - Not Available

Comment Number	Stakeholder Group	Method of Communication	Date of Correspondence	Summary of Comment	Date Response Provided	Summary of Response
25	Landowners / Residents	Phone call	May 29, 2020	Landowner/Business owner (Steve) called regarding the LLRP ( ).	May 29, 2020	Stantec returned the call. The landowner/business owner noted construction concerns (traffic and safety) due to their business operation, . The landowner noted they would like to discuss connecting to natural gas and noted their preference for construction to occur during the first half of September to avoid the busy tourism season for their business. Stantec provided the 1-866 phone number to discuss Enbridge Gas Inc. connections.



London Lines Replacement Project  
Correspondence Tracking  
Virtual Open House Participants

N/A - Not Available

Comment Number	Stakeholder Group	Method of Communication	Date of Correspondence	Summary of Comment	Date Response Provided	Summary of Response
See Appendix B1 and B3	Landowners / Residents	Letter (Canada Post unaddressed mail)	April 16, 2020	Notice of Commencement and Virtual Open House sent to landowners within the Study Area.	N/A	N/A
See Appendix B1 and B3	Landowners / Residents	Newspaper Notice (Strathroy Age Dispatch)	April 16, 2020 April 23, 2020	Notice of Commencement and Virtual Open House published in newspaper.	N/A	N/A
See Appendix B1 and B3	Landowners / Residents	Newspaper Notice (The Herald)	April 15, 2020 April 22, 2020	Notice of Commencement and Virtual Open House published in newspaper.	N/A	N/A
1	Landowners / Residents	Virtual Open House Questionnaire	April 20, 2020	<b>Ed C</b> , , <b>Falconbridge Drive</b> , 1. What is going to happen to the existing gas lines? 2. I would like a phone call to clarify where the new line is in regards to my farm property 3. What is the ground coverage over the new line?	June 11, 2020	Enbridge (Lands Agent) spoke with the landowner. The landowner stated they do not want the pipeline on their property and would like it removed, noting it [the pipeline] is too shallow and interferes with their tiling. The landowner would like to be notified when a decision on the final preferred route has been made. The Lands Agent noted that the plan is to move the pipeline into the road allowance.
2	Landowners / Residents	Virtual Open House Questionnaire	April 20, 2020	<b>Jeff N</b> , , , <b>Springwell Road</b> 1. Uncertainty if existing sections where an alternative route is proposed will be decommissioned and removed, as well as easements removed from said properties. Also, if removed, will a new line be installed down the road to allow home owners currently connected to remain connected without extra charges? 2. I believe one large tree runs nearly over it [the preferred route], will it be removed in the process? 3. As a home owner that the pipeline runs through, I have not received a letter or any indication of the project, however saw in the newspaper as well as someone walking on our property to assess the line today [April 20th].	May 26, 2020	Enbridge (Lands Agent) spoke with the landowner who noted they did not receive the first letter (Notice of Commencement), but did receive the second (Change Notice). The landowner liked the Virtual Open House and wishes we offered this option all the time as well as in person traditional info sessions. He wants pipelines and easements removed. Pipelines are preventing him from developing his property. Enbridge informed the landowner that the route has not been decided yet. The decommissioning will be decided with his consultation, easement agreement and environmental input. Enbridge mentioned future possible activities on the property – surveyors, archaeology.
3	Landowners / Residents	Virtual Open House Questionnaire	April 21, 2020	<b>Steve K</b> , , , <b>Springwell Road</b> 1. We run a tourism business and I am concerned about road closing for my customer coming to the farm. 2. We should have the opportunity for us and the neighbours to hook up to the pipeline.	May 27, 2020	"Thank you for completing the questionnaire for the London Lines Replacement Project. We have taken into account your comments as part of the Environmental Assessment for this project. We will be able to consider these comments as part of the route selection and evaluation and development of mitigation measures.  In response to your comments Enbridge considers impacts to traffic and local businesses as part of the environmental assessment, we will include mitigation measures such as utilizing road shoulders and implementing traffic control measures where needed to lessen any impacts in the area.  The project is a replacement project of the existing gas lines to ensure the continued safe operation and integrity of the natural gas distribution system. This project does not currently travel across this address and due to the construction plans, we will not be able to include new customer attachments while installing the new main. Once the new pipeline is in and energized, new customer attachments will follow existing attachment policies.  If you would like to inquire about connecting to Natural Gas you can: o Submit an inquiry thru our website at <a href="https://www.uniongas.com/switchtogas/">https://www.uniongas.com/switchtogas/</a> o Or call 1-866-772-1045  Should you have further questions regarding the project please let us know and a representative will be in contact to discuss further."

London Lines Replacement Project  
Correspondence Tracking  
Virtual Open House Participants

N/A - Not Available

Comment Number	Stakeholder Group	Method of Communication	Date of Correspondence	Summary of Comment	Date Response Provided	Summary of Response
4	Landowners / Residents	Virtual Open House Questionnaire	April 22, 2020	<b>Jim K</b> , , <b>Springfield Road, Appin</b> 1. We have a feature on the line at the corner of our property that is not shown and we are not sure if it will be impacted.	May 27, 2020	"Thank you for your comment as part of the London Lines Replacement Project Virtual Open House.  The feature near your property is a regulator station and is planned to be replaced as part of this project. There is expected to be a nominal impact to service during the replacement but no long-term impact to natural gas supply. Enbridge will develop mitigation measures to limit disturbance in your area.  Should you have further questions regarding the project please let us know and a representative will be in contact to discuss further."
5	Landowners / Residents	Virtual Open House Questionnaire	April 22, 2020	<b>Mike W</b> , , <b>Adelaide Road</b> 1. Our property would be directly affected by Strathroy Alternate 2, causing questions and concerns to be addressed. 2. Property concerns would include heavy construction near dwelling (150+ years old house), well water quality, impact to mature trees as well as safety/access.	May 27, 2020	"Thank you for your comment as part of the London Lines Replacement Project Virtual Open House. We have taken into account your comments as part of the Environmental Assessment for this project. We will be able to consider these comments as part of the route selection and evaluation and development of mitigation measures.  In response to your comments we will note that you would be directly impacted by Strathroy Alternative 2 and would have concerns with this alternative in respect to construction disturbance, water well quality, and safety and access.  Once a preferred route is chosen mitigation measures are developed to minimize impact to the public, stakeholders, environment and socio-economic features in the area. All necessary permit and approvals will be obtained, and all conditions will be adhered too. Prior to construction residents and landowners along the preferred route will be contacted to participate in a voluntary well water monitoring program to assess any impacts to water wells.  Should you have further questions regarding the project please let us know and a representative will be in contact to discuss further."
6	Landowners / Residents	Virtual Open House Questionnaire	April 23, 2020	<b>Steven S Brydges</b> , , <b>Christina Road, Mount</b> 1. Would like some clarification on route and property impact	May 27, 2020	"Thank you for your comment as part of the London Lines Replacement Project Virtual Open House.  Your address is on one route of four alternatives that are proposed to connect the replaced London Lines to the community of Strathroy. A preferred route will be chosen as part of the Environmental Assessment once the consultation period has concluded and an evaluation of Environmental and socio-economic features is complete. The proposed pipeline would be placed in the road-right-of way to limit impact to landowners, and mitigation measures will also be developed as part of the environmental assessment.  Should you have further questions regarding the project please let us know and a representative will be in contact to discuss further."
7	Landowners / Residents	Virtual Open House Questionnaire	April 23, 2020	<b>Joanne F Mossley</b> , , <b>Representative</b> , <b>Putnam Road,</b>	N/A	N/A

London Lines Replacement Project  
Correspondence Tracking  
Virtual Open House Participants

N/A - Not Available

Comment Number	Stakeholder Group	Method of Communication	Date of Correspondence	Summary of Comment	Date Response Provided	Summary of Response
8	Landowners / Residents	Virtual Open House Questionnaire	April 23, 2020	<b>Marcel M</b> , , , <b>Jane Street</b> 1. As a farmer I have seen drainage issues result from previous pipelines thus I am concerned	May 27, 2020	"Thank you for your comment as part of the London Lines Replacement Project Virtual Open House. We have taken into account your comments as part of the Environmental Assessment for this project. We will be able to consider these comments as part of the route selection and evaluation and development of mitigation measures.  In order to maintain agricultural drainage systems, landowners will be contacted prior to construction to confirm the location and type of existing drains and any future drainage.  Field tile will temporarily be re-routed during pre-construction activities to allow for proper drainage. Any damaged or severed drains will be repaired following construction. Landowners will be invited to inspect and approve the repair. Any on-going field tile issues resulting from pipeline construction will be addressed by Enbridge as required.  Should you have further questions regarding the project please let us know and a representative will be in contact to discuss further."
9	Landowners / Residents	Virtual Open House Questionnaire	April 23, 2020	<b>Ron M</b> , , , <b>Oil Springs</b> 1. The project may be necessary, my interest would be to make sure fellow farmers/landowners on this project are treated reasonably, fairly, pre-construction, during construction and post construction, and all future issues properly dealt with. 2. Concerned with pipeline construction and the impact on Landowners. I am on the Dawn-Trafalgar line. We have an organization who deals with Union Gas/Enbridge. Will landowners have the opportunity to organize and deal with Union/Enbridge as a group or will they try to split landowners apart? 3. How many landowners will be affected?	June 11, 2020	Enbridge Lands Agent contacted Land Owner By phone June 11, Landowner requested that they will call the Land Agent back. No response as of July 10, 2020.
10	Landowners / Residents	Virtual Open House Questionnaire	April 23, 2020	, , , <b>PO Box Bothwell</b> 1. We would like the gas line moved off our property as is an option with route 6. 2. The pipe line runs through the middle of our operational licenced gravel pits. Construction in the area would halt our business and operation as well as our farm land would be disturbed. 3.The pipe line runs right through a licenced gravel pit for safety and ease of operation and continuing operation during construction it should be moved to proposed Route 6 along Komoka Road and Glendon Road	May 25, 2020	Enbridge sent the following:  "Hello,  Thank you for completing the questionnaire for the London Lines Replacement Project. We have taken into account your comments as part of the Environmental Assessment for this project. We will be able to consider these comments as part of the route selection and evaluation and development of mitigation measures. It is helpful to have the details you have provided in your comments regarding the operational impact and land impact that the construction may have.
11	Landowners / Residents	Virtual Open House Questionnaire	April 23, 2020	<b>John P</b> , , , <b>Oil Field Drive</b> 1. Concerned about access to portions of agricultural lands that may become land locked. 2. Will the old pipes be removed? This is preferred.	May 26, 2020	Enbridge (Lands Agent) spoke with the landowner and informed them that the route has not yet been selected. Landowner is not as concerned with the route as he is with the old pipelines. The landowner noted if the new pipeline is installed on his property it will be installed at a proper depth to not interfere with his tiling and ploughing. Noted that the existing pipelines are too shallow. Enbridge informed the landowner that the decommissioning will be decided with their consultation, easement agreement and environmental input. Enbridge mentioned future possible activities on the property - surveyors, archaeology.
12	Landowners / Residents	Virtual Open House Questionnaire	April 23, 2020	<b>George D</b> , , <b>Churchill, Sarnia</b>	N/A	N/A

London Lines Replacement Project  
Correspondence Tracking  
Virtual Open House Participants

N/A - Not Available

Comment Number	Stakeholder Group	Method of Communication	Date of Correspondence	Summary of Comment	Date Response Provided	Summary of Response
13	Landowners / Residents	Virtual Open House Questionnaire	April 25, 2020	Gary O , ( , Watterworth Road	N/A	N/A
14	Landowners / Residents	Virtual Open House Questionnaire	April 26, 2020	Mike B , m, Naylor Road 1. Is there opportunity for residence without natural gas along the route to access? 2. Will there be access issues to farmland during the farming season? 3. Will there be the ability for rural residents who do not have natural gas to three homes/businesses along or close to the proposed route be allowed to "hook into" the line for natural gas for their residence or business?	May 27, 2020	"Thank you for your comment as part of the London Lines Replacement Project Virtual Open House. We have taken into account your comments as part of the Environmental Assessment for this project. We will be able to consider these comments as part of the route selection and evaluation and development of mitigation measures.  In response to your comments Enbridge considers impacts to traffic and local businesses as part of the environmental assessment, we will include mitigation measures such as utilizing road shoulders and implementing traffic control measures where needed to lessen any impacts in the area.  The project is a replacement project of the existing gas lines to ensure the continued safe operation and integrity of the natural gas distribution system. This project does not currently travel across this address and due to the construction plans, we will not be able to include new customer attachments while installing the new gas line. Once the new pipeline is in and energized, new customer attachments will follow existing attachment policies.  If you would like to inquire about connecting to Natural Gas you can: o Submit an inquiry thru our website at <a href="https://www.uniongas.com/switchtogas/">https://www.uniongas.com/switchtogas/</a> o Or call 1-866-772-1045  Should you have further questions regarding the project please let us know and a representative will be in contact to discuss further."
15	Landowners / Residents	Virtual Open House Questionnaire	April 26, 2020	Jerry and Rose B , , Falconbridge Drive 1. We are a local operation that grows high value crops under contract ( ). We could loose contracts by not having the land available, with the potential of loosing future income for not continuing the contract. We have an estimated value of one million dollars in equipment which can not be used. Soil structure will be damaged from previous experience for a minimum of 10 years or as long as 20 years. The town of Mount Brydges is located on two sides of our farm. The pipeline may affect future development of the town. 2. Impacted properties: Falconbridge Drive, Falconbridge Drive, Falconbridge and Glendean Drive in Komoka. Income in that year as well as future income as the potential to loose contracts and decreased yield on disturbed land. 3. Please follow Falconbridge Drive and do not put the line through the middle of our farm. The farm on Glendon Drive is in the study zone. There is high priced ginseng and land for future crops that would be affected if it travels through the farm.	May 27, 2020 May 29, 2020	Response to questionnaire comments sent via email. Email bounced back. Will call landowner/resident to confirm correct email address.  Called landowner to confirm email address (.com instead of .ca); email sent on May 29, 2020:  "Good afternoon,  Thank you for your comment as part of the London Lines Replacement Project Virtual Open House. We have taken into account your comments as part of the Environmental Assessment for this project. We will be able to consider these comments as part of the route selection and evaluation and development of mitigation measures.  In response to your comments, Enbridge considers impacts to local businesses as part of the environmental assessment and we will include mitigation measures such as installing the pipeline in the road right-of-way where possible, using road shoulder for construction areas and implementing traffic control measures where needed to lessen any impacts in the area.  Should you have further questions regarding the project please let us know and a representative will be in contact to discuss further."

London Lines Replacement Project  
Correspondence Tracking  
Virtual Open House Participants

N/A - Not Available

Comment Number	Stakeholder Group	Method of Communication	Date of Correspondence	Summary of Comment	Date Response Provided	Summary of Response
16	Landowners / Residents	Virtual Open House Questionnaire	April 29, 2020	<b>Mark H</b> <b>Falconbridge Drive</b> 1. How deep in the ground will this new 8" line be? How far from the road will it be? We are on Falconbridge Drive in Appin. What's the plan with the 2 old lines?	May 27, 2020	"Thank you for your comment as part of the London Lines Replacement Project Virtual Open House.  In response to your comments, the proposed pipeline would be installed to a depth which is in alignment with applicable codes and regulations and Enbridge Gas Inc practices. Detailed design of the pipeline will commence once a preferred route is chosen, the location and depth of the pipeline within road right of way and easements will be confirmed at this stage. The existing lines will be decommissioned and abandoned. Abandonment will
17	Landowners / Residents	Virtual Open House Questionnaire	April 29, 2020	<b>Shane,</b> 1. Why did I get a notice? I live at Glendon Drive and your route goes all around me! Do not like getting my nose shoved in it. 2. Why can't it connect houses on Glendon Drive? <i>[under "What is your interest in this project?" this landowner said "want natural to my place"]</i>	May 27, 2020	"Thank you for your comment as part of the London Lines Replacement Project Virtual Open House. We have taken into account your comments as part of the Environmental Assessment for this project. We will be able to consider these comments as part of the route selection and evaluation and development of mitigation measures.  As part of the environmental assessment all landowners, stakeholders, and interested parties within the XX meters study area received a notice to ensure all comments, concerns and sensitive features that could potential be impacted by this project were identified and appropriate mitigation measure were in place to limit impacts.  The project is a replacement project of the existing gas lines to ensure the continued safe operation and integrity of the natural gas distribution system. This project does not currently travel across this address and due to the construction plans, we will not be able to include new customer attachments while installing the new gas line. Once the new pipeline is in and energized, new customer attachments will follow existing attachment policies.  If you would like to inquire about connecting to Natural Gas you can: o Submit an inquiry thru our website at <a href="https://www.uniongas.com/switchtogas/">https://www.uniongas.com/switchtogas/</a> o Or call 1-866-772-1045  Should you have further questions regarding the project please let us know and a representative will be in contact to discuss further."

London Lines Replacement Project  
Correspondence Tracking  
Virtual Open House Participants

N/A - Not Available

Comment Number	Stakeholder Group	Method of Communication	Date of Correspondence	Summary of Comment	Date Response Provided	Summary of Response
18	Landowners / Residents	Virtual Open House Questionnaire	May 1, 2020	<b>Rob C</b> , , , <b>Ilderton Road</b> 1. The extent of the work within Middlesex Centre is a relatively small portion of the project but with the proposed alternative route along Glendon Drive and Komoka Road it is important to the municipality that the running line location within the County's right of way takes future municipal servicing and road upgrades into consideration. 2. Within Middlesex Centre there will be a need to cross a natural feature (creek) on Glendon Drive (which is a municipal drain called Crow Creek Drain) as well as the Waters-Arnold Drain on Amiens Drive. We will require the depth of the installation to be sufficiently below these drains to allow for future maintenance and potential improvements. 3. Are the existing pipe lines both 8 inch? If yes then why are 2 being replaced by a single 8 inch main? Is it that the demand on this connection has been reduced or that the pressure on the new main what will be significantly higher than on the existing mains? 4. Given this will be a high pressure main what will be the required setbacks from existing buildings or restrictions on new buildings? Will this impact existing easements which are in place? 5. I would like to know if the alternative route along Glendon Drive/Komoka Road is used whether it is Enbridge's plan to abandon the existing pipes in place that are currently on private property or if they will be removed? 6. Will Enbridge relinquish easements on private property of new routes within road right of ways are used instead of across private property? 7. Does Enbridge plan to abandon or remove the existing gas mains which are within road right of ways? I do not feel it should be the road authority's responsibility to deal with extra cost on future construction projects due to abandoned gas mains. 8. Are there any environmental risks or liabilities associated with abandoning the existing mains in place and if so will that liability remain with Enbridge? 9. Does any portion of the existing pipeline contain asbestos within the pipe or its coating?	June 17, 2020	A virtual meeting (via Skype) was held with the Municipality of Middlesex Centre to discuss the Project and the questions from Rob C .
19	Landowners / Residents	Virtual Open House Questionnaire	May 1, 2020	<b>Martin N</b> , , , <b>Glendon Drive</b> 1. I don't want it on my property. I have wetlands, honey bees, vineyard, ongoing paleontology dig. 2. Impacts include: access, noise, dust, woodlot damage, wildlife disruption. 3. Features along preferred route: possibility of more ice age mega fauna discoveries, well water disruption. 4. I would be willing to help with identification of any ice age bones being excavated.	May 27, 2020	"Thank you for your comment as part of the London Lines Replacement Project Virtual Open House. We have taken into account your comments as part of the Environmental Assessment for this project. We will be able to consider these comments as part of the route selection and evaluation and development of mitigation measures.  The project is a replacement project of the existing gas lines to ensure the continued safe operation and integrity of the natural gas distribution system. This project does not currently travel across this address and disturbance is expected to be minimal to your property.  Should you have further questions regarding the project please let us know and a representative will be in contact to discuss further."

**From:** [Lauren Whitwham](#)  
**To:** ["Chris Plain"; sjohnston@aamjiwnaang.ca](#)  
**Cc:** [Ken McCorkle](#); [LondonLines](#)  
**Subject:** FW: Enbridge Gas London Lines Project  
**Date:** Monday, March 9, 2020 2:07:20 PM  
**Attachments:** [London Lines map.pdf](#)

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Good afternoon,

Further to the email below, please find attached an updated map of the route for the Project.

We look forward to consulting with you on this project.

Thank you,  
Lauren

### Lauren Whitwham

Analyst, Indigenous, Municipal Affairs & Stakeholder Relation

—

#### ENBRIDGE GAS INC.

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | [lauren.whitwham@enbridge.com](mailto:lauren.whitwham@enbridge.com)  
 109 Commissioners Road West, London, ON N6A4P1

**Safety. Integrity. Respect.**

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**From:** Lauren Whitwham  
**Sent:** Wednesday, February 26, 2020 2:56 PM  
**To:** 'Chris Plain' <[chief.plain@aamjiwnaang.ca](mailto:chief.plain@aamjiwnaang.ca)>; 'sjohnston@aamjiwnaang.ca' <[sjohnston@aamjiwnaang.ca](mailto:sjohnston@aamjiwnaang.ca)>  
**Cc:** Ken McCorkle <[Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com)>  
**Subject:** Enbridge Gas London Lines Project

Good afternoon Chief Plain,

Please find attached our notification letter and map for the Enbridge Gas Inc. London Lines Project.

-

We would like to set up a time to come to speak with your environment/consultation committee to discuss the project and provide you with details. Please reach out to Ken McCorkle to arrange for a time for discussion.

We look forward to working with you on this project.

Thank you,  
Lauren

## Lauren Whitwham

Analyst, Indigenous, Municipal Affairs & Stakeholder Relation

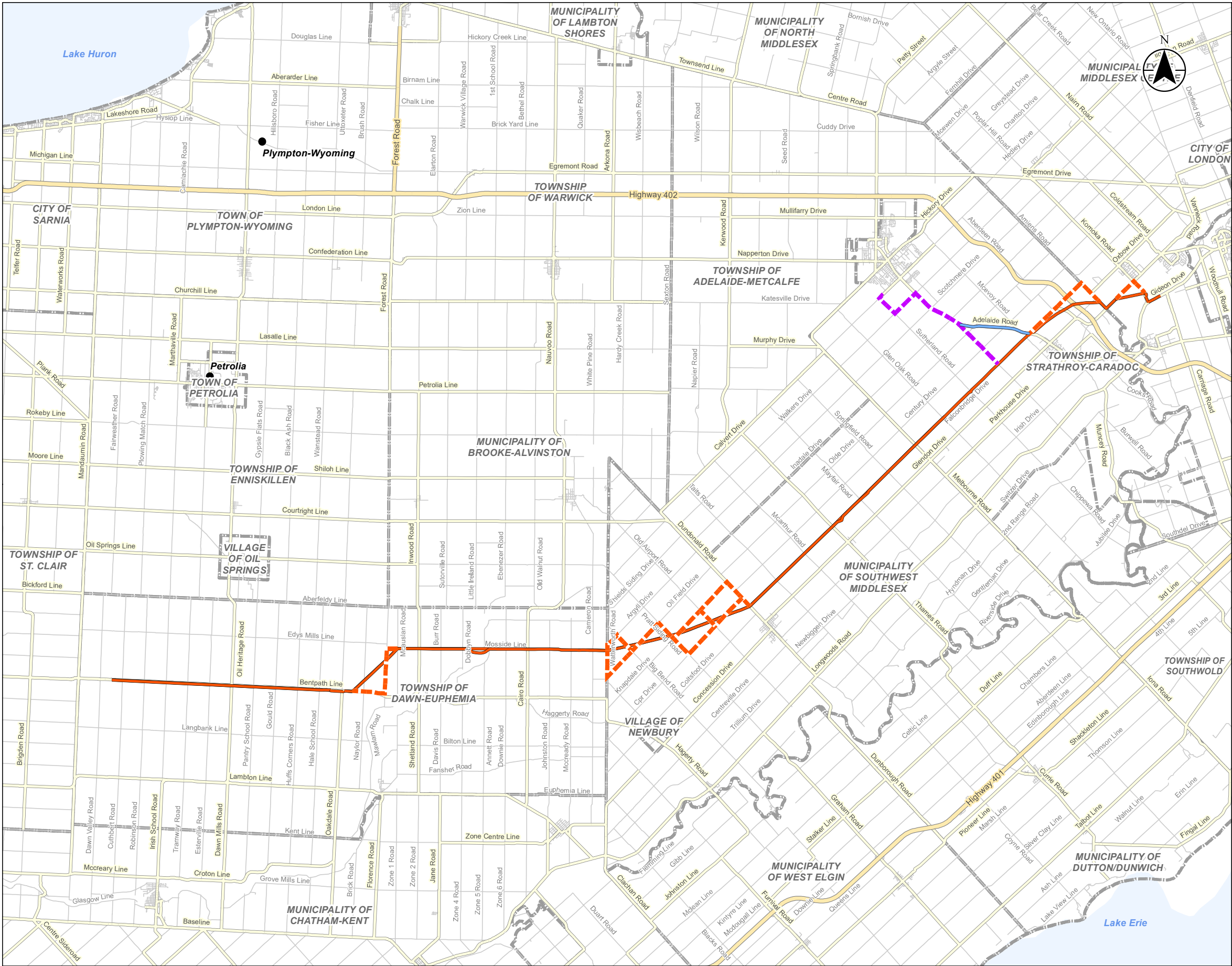
---

### ENBRIDGE GAS INC.

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | [lauren.whitwham@enbridge.com](mailto:lauren.whitwham@enbridge.com)  
109 Commissioners Road West, London, ON N6A4P1

**Safety. Integrity. Respect.**





- Legend**
- Existing / Alternative Route
  - Alternative Segments
  - Strathroy Alternate 1
  - Strathroy Alternate 2
  - Expressway / Highway
  - Major Road
  - Minor Road
  - Municipal Boundary, Lower

0 2 4 6 8 10 12 km  
1:250,000 (At original document size of 11x17)

- Notes**
- Coordinate System: NAD 1983 UTM Zone 17N
  - Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2020.



Project Location  
Counties of Lambton and Middlesex  
160951031 REV4  
Prepared by SPE on 2020-03-05

Client/Project  
ENBRIDGE GAS INC.

Figure No.  
**1**  
Title  
**London Lines Replacement Project**



**From:** [Hartwig, Emily](#)  
**To:** [chief.plain@aamjiwnaang.ca](mailto:chief.plain@aamjiwnaang.ca)  
**Cc:** [Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com); [Georgopoulos, Rooly](#); [Kelsey.Mills@enbridge.com](mailto:Kelsey.Mills@enbridge.com); [londonlines@stantec.com](mailto:londonlines@stantec.com)  
**Subject:** Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)  
**Date:** Wednesday, April 8, 2020 6:50:00 PM  
**Attachments:** [let\\_160951170\\_Indigenous\\_NoC-VOH\\_CPlain\\_2020-04-08\\_fnl.pdf](#)

---

**Sent on behalf of Ken McCorkle (Enbridge Gas Inc.)**

---

Good evening,

Please find attached a Notice of Commencement and Virtual Open House regarding the Enbridge Gas Inc. ("Enbridge") London Lines Replacement Project (LLRP).

Regards,

**Emily Hartwig** B.Sc., EP.  
Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186  
Mobile: 226 979-4457  
[Emily.Hartwig@stantec.com](mailto:Emily.Hartwig@stantec.com)

Stantec  
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Guelph ON N1G 4P5



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**Stantec Consulting Ltd.**  
300W-675 Cochrane Drive Markham, ON L3R 0B8



April 8, 2020

**Attention: Chief Christopher Plain**  
Aamjiwnaang First Nation  
978 Tashmoo Avenue  
Sarnia ON N7T 7H5

Dear Chief Plain,

**Reference: Enbridge Gas – London Lines Replacement Project, Notice of Project Commencement and Virtual Open House**

Enbridge Gas is proposing to replace a section of natural gas pipeline in order to improve the integrity of the pipeline network and to increase system flexibility. All current services will be maintained as a result of this project.

The London Lines Replacement Project (LLRP) will include the construction of approximately 75 kilometers (km) of 8-inch, high pressure natural gas pipeline. This will replace the two current pipelines known collectively as the London Lines. The LLRP will also include the construction of 10.5 km of a secondary 8-inch pipeline which will connect the replaced pipeline to the community of Strathroy. The LLRP will start within the Township of Dawn-Euphemia near Oil Heritage Road and Bentpath Lane. The pipeline project will continue through the municipality of Southwest Middlesex and will end at two locations: within the Municipality of Middlesex Centre at Komoka Road and Glendon Drive; and at a proposed new station at Calvert Drive and Sutherland Road in the Municipality of Strathroy-Caradoc. The general location and study area of the proposed pipeline is shown on the attached map.

As part of the planning process, Enbridge Gas has retained Stantec Consulting Ltd. (Stantec) to undertake an Environmental Study of the construction and operation for the proposed natural gas pipeline. The Environmental Study will fulfill the requirements of the Ontario Energy Board's (OEB) "Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)".

An Environmental Report, summarizing the results of the Environmental Study, will accompany Enbridge's application to the OEB as part of their Leave to Construct (LTC) application. The Environmental Report for the proposed project is anticipated to be completed by early summer 2020. The OEB's review and approval is required before construction of the Project can proceed. If approved, construction of the pipeline is anticipated to begin in Spring/Summer 2021.

Aamjiwnaang First Nation is invited to provide comments regarding the proposed pipeline. Specifically, Stantec is seeking information about any adverse impacts that the proposed project may have on constitutionally protected Aboriginal or treaty rights and any measures for mitigating those adverse impacts.

Stantec is presently compiling an environmental, socio-economic, and archaeological/cultural heritage inventory of the Environmental Study Area. As an Indigenous community with a potential interest in developments in that area, you are invited to provide or coordinate comments regarding the proposed pipeline.

As part of the Environmental Study, Enbridge is in the process of contacting the following agencies:

- Indigenous and Northern Affairs Canada; and
- Ontario Ministry of Indigenous Relations and Reconciliation.



April 8, 2020  
Page 2 of 2



**Reference: Enbridge Gas Distribution Inc. – London Lines Replacement Project, Notice of Project Commencement and Information Session**

Public consultation with Indigenous communities, landowners, government agencies, current customers serviced by the London Lines, the general public, and other interested persons is an integral component of the planning process. As a result of the social distancing requirements set out by the Government of Canada and the Province of Ontario due to **COVID-19**, a Virtual Open House will be held in place of an in-person Open House regarding the proposed LLRP. The Virtual Open House will be available beginning on **April 20, 2020** at 9:00 am EST until **May 1, 2020** at 5:00 pm EST at:

[www.solutions.ca/LondonLines](http://www.solutions.ca/LondonLines)

*If you are unable to log onto the Virtual Open House between April 20 and May 1, please dial (519) 780-8186, leave a message with your contact information, and we will respond as soon as possible.*

There will be a questionnaire available at the end of the presentation and you will have the ability to submit comments and/or questions about the proposed LLRP, including proposed routes, design and the anticipated project schedule during the presentation. In addition, a copy of the open house story boards will be available to download. Input received will be used to inform the selection of the preferred pipeline route, and to develop site specific environmental protection or mitigation measures for the Project.

If you have questions or concerns regarding the Project, please do not hesitate to contact the undersigned.

Regards,

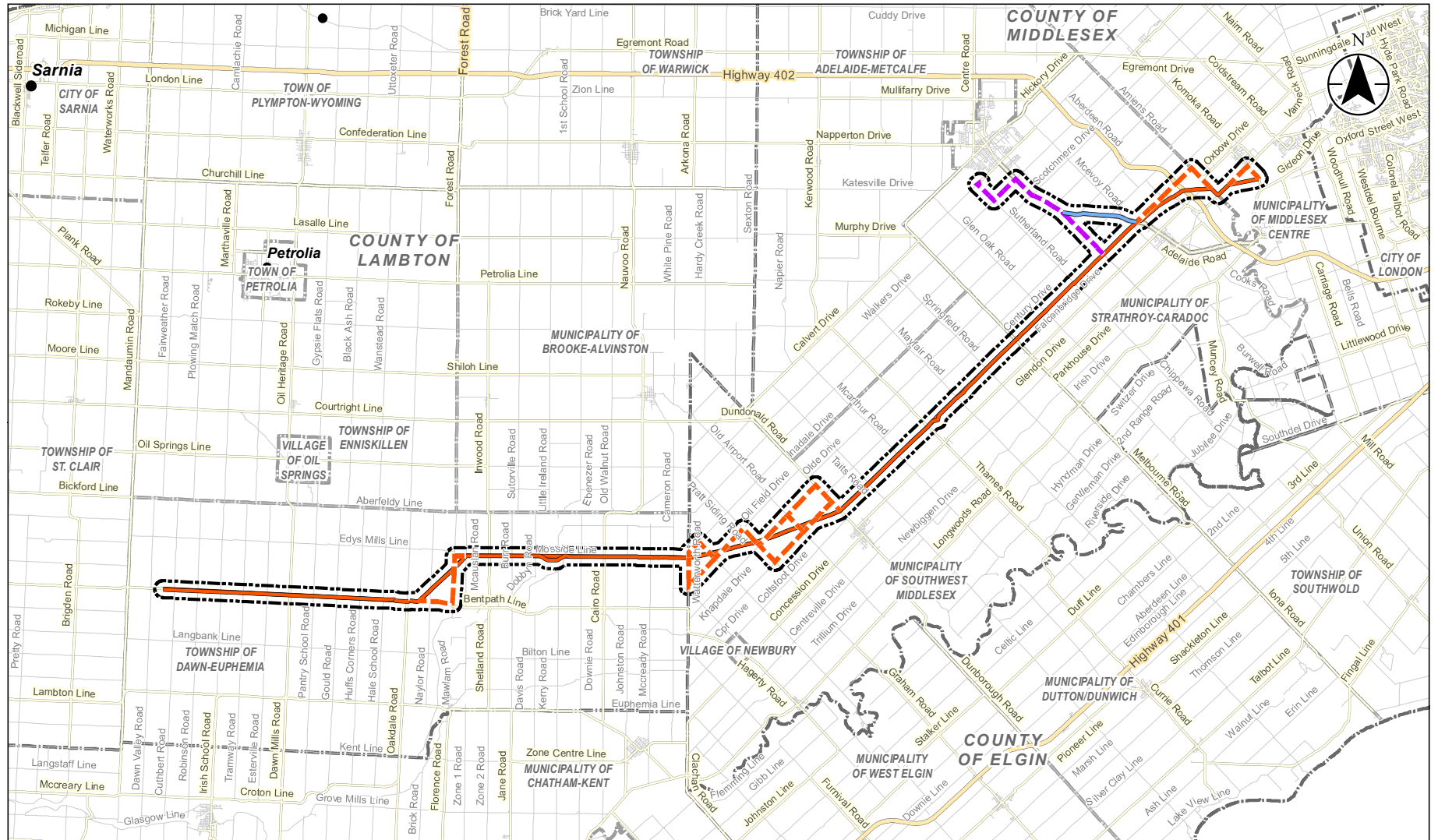
**ENBRIDGE GAS INC.**

**Ken McCorkle**  
Senior Advisor, Indigenous Affairs  
Enbridge Gas Inc.  
50 Keil Drive North  
Chatham, ON, N7M 5M1  
PH: 519-436-4600 ext. 5002243  
Cell: 519-365-0584  
Ken.McCorkle@enbridge.com

Attachment: Figure 1: London Lines Replacement Project

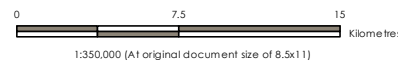
- c. Kelsey Mills, Sr. Environmental Analyst, Enbridge Gas Inc.  
Rooley Georgopoulos, Senior Project Manager, Stantec Consulting Ltd.





#### Legend

- Existing / Alternative Route
- Alternative Segments
- Strathroy Alternate 1
- Strathroy Alternate 2
- Study Area
- Municipal Boundary, Upper
- Municipal Boundary, Lower



**Notes**  
 1. Coordinate System: NAD 1983 UTM Zone 17N  
 2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2018.

Project Location  
 Counties of Lambton and Middlesex, ON  
 160951031 REVA  
 Prepared by SPE on 2020-04-08

Client/Project  
 ENBRIDGE GAS INC.

Figure No.  
 1  
 Title  
**London Lines Replacement Project**

**From:** [Georgopoulos, Rooly](#)  
**To:** [chief.plain@aamjiwnaang.ca](mailto:chief.plain@aamjiwnaang.ca)  
**Cc:** [Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com); [Kelsey.Mills@enbridge.com](mailto:Kelsey.Mills@enbridge.com); [LondonLines](#); [Hartwig, Emily](#); [Lauren Whitwham](#)  
**Subject:** RE: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)  
**Date:** Wednesday, April 29, 2020 1:04:07 PM  
**Attachments:** [51170\\_LLRP-Virtual-Open-House\\_20200416\\_fnl.pdf](#)

---

Good afternoon, I apologize for the multiple emails, but it has been brought to my attention that the Virtual Open House Presentation Boards that I attached to my last email could not be opened. Please see attached updated version of the Virtual Open House Presentation Boards for the London Lines Replacement Project.

Regards,  
Rooly

**Rooly Georgopoulos** B.Sc.,  
Senior Associate

Direct: 905-415-6367  
 Mobile: 416-729-2300  
 Fax: 905-474-9889  
[rooly.georgopoulos@stantec.com](mailto:rooly.georgopoulos@stantec.com)

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---

**From:** Georgopoulos, Rooly <[Rooly.Georgopoulos@stantec.com](mailto:Rooly.Georgopoulos@stantec.com)>  
**Sent:** Wednesday, April 29, 2020 11:39 AM  
**To:** [chief.plain@aamjiwnaang.ca](mailto:chief.plain@aamjiwnaang.ca)  
**Cc:** [Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com); [Kelsey.Mills@enbridge.com](mailto:Kelsey.Mills@enbridge.com); [LondonLines](#) <[LondonLines@stantec.com](mailto:LondonLines@stantec.com)>; [Emily.Hartwig@stantec.com](mailto:Emily.Hartwig@stantec.com); [Lauren Whitwham](mailto:Lauren.Whitwham@enbridge.com) <[Lauren.Whitwham@enbridge.com](mailto:Lauren.Whitwham@enbridge.com)>  
**Subject:** RE: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

**Sent on behalf of Ken McCorkle (Enbridge Gas Inc.)**

Good morning,

Please find attached the Virtual Open House Presentation Boards and associated script for the London Lines Replacement Project.

Regards,

Rooly

**Rooly Georgopoulos** B.Sc.,  
Senior Associate

Direct: 905-415-6367

Mobile: 416-729-2300

Fax: 905-474-9889

[rooly.georgopoulos@stantec.com](mailto:rooly.georgopoulos@stantec.com)

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---

**From:** Hartwig, Emily <[Emily.Hartwig@stantec.com](mailto:Emily.Hartwig@stantec.com)>

**Sent:** Wednesday, April 8, 2020 6:51 PM

**To:** [chief.plain@aamjiwnaang.ca](mailto:chief.plain@aamjiwnaang.ca)

**Cc:** [Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com); Georgopoulos, Rooly <[Rooly.Georgopoulos@stantec.com](mailto:Rooly.Georgopoulos@stantec.com)>;  
[Kelsey.Mills@enbridge.com](mailto:Kelsey.Mills@enbridge.com); LondonLines <[LondonLines@stantec.com](mailto:LondonLines@stantec.com)>

**Subject:** Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

**Sent on behalf of Ken McCorkle (Enbridge Gas Inc.)**

---

Good evening,

Please find attached a Notice of Commencement and Virtual Open House regarding the Enbridge Gas Inc. ("Enbridge") London Lines Replacement Project (LLRP).

Regards,

**Emily Hartwig** B.Sc., EP.

Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

Mobile: 226 979-4457

[Emily.Hartwig@stantec.com](mailto:Emily.Hartwig@stantec.com)

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## London Lines Replacement 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 (see the Resources tab).
- If you would like to receive future Project updates, please complete the "Contact Information" section of the questionnaire.

### Our commitment

- Enbridge is committed to involving community members
- We will provide up-to-date information in an open, honest and respectful manner, and will carefully consider your input.
- Enbridge provides safe and reliable delivery of natural gas to more than 3.7 million residential, commercial, and industrial customers across Ontario.
- Enbridge is committed to environmental stewardship and conducts all of its operations in an environmentally responsible manner.



## London Lines Replacement Project Virtual Open House



### Project Overview

- Approximately 75 kilometers (km) of 8-inch, high pressure, steel, natural gas pipeline, and a secondary 10.5 km, 8-inch pipeline to connect the Town of Strathroy.
- Will replace the two current pipelines known collectively as the London Lines.
- Start within the Township of Dawn-Euphemia and will continue through the Municipality of Southwest Middlesex and will end at two locations: within the Municipality of Middlesex Centre; and at a proposed new station in the Municipality of Strathroy-Caradoc.
- If approved by the Ontario Energy Board (OEB), construction of the proposed pipeline is planned to begin as early as spring 2021 and be in service by the end of 2021.



## London Lines Replacement Project Virtual Open House



### 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, the public, and regulatory authorities regarding the proposed Preferred Route, 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 and Stantec.



## London Lines Replacement Project Virtual Open House



### 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 consultation 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.



## London Lines Replacement Project Virtual Open House



### Ontario Energy Board (OEB) Review and Approval Process

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

- 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](http://www.ontarioenergyboard.ca)

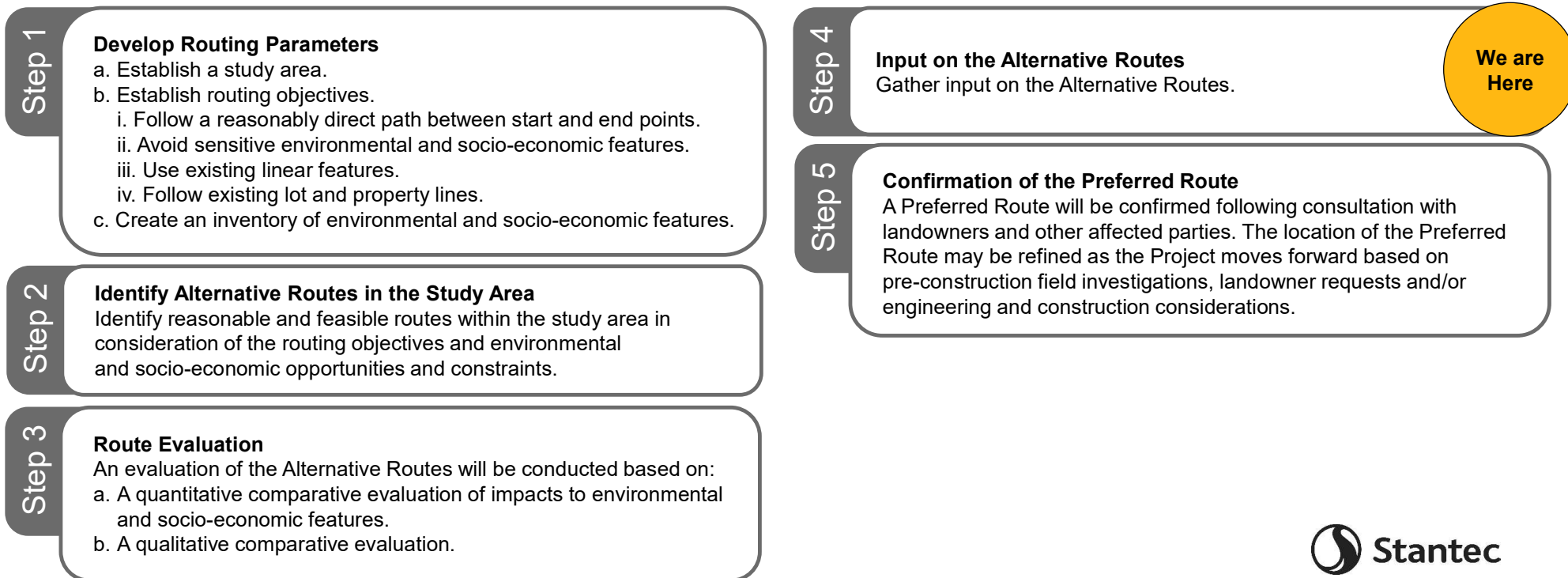


# London Lines Replacement Project Virtual Open House



## Preferred Route selection process

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



## London Lines Replacement Project Virtual Open House



### Route Evaluation Methodology

- Study Area pipeline routing constraints include natural heritage features, slope, topography, and socio-economic features and landscapes.
- A GIS routing exercise was undertaken that examined all mapped routing constraints and opportunities to generate alternative segments.
- The alternative segments follow existing linear infrastructure such as road easements 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:

<https://stantec.maps.arcgis.com/apps/webappviewer/index.html?id=08cbf589324748f598206747f7665976>



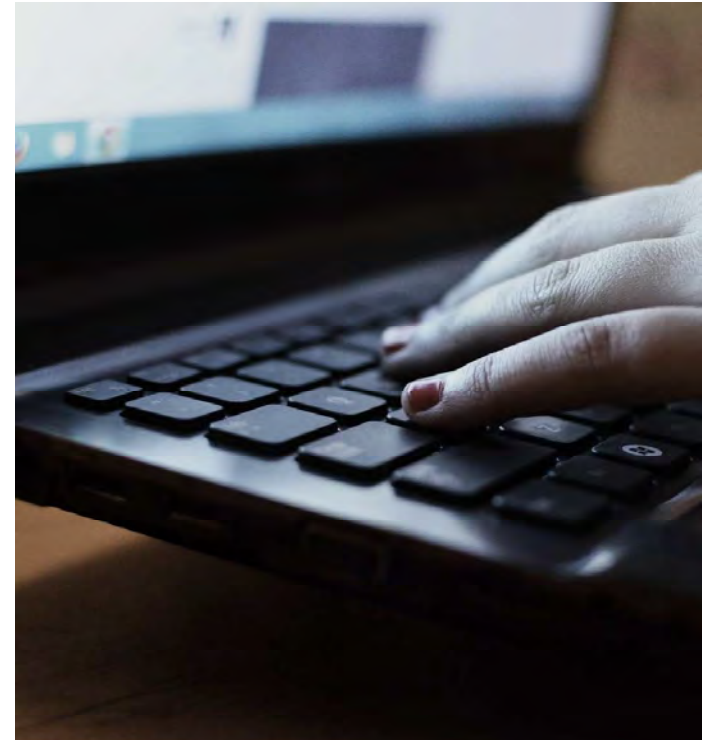


## London Lines Replacement Project Virtual Open House

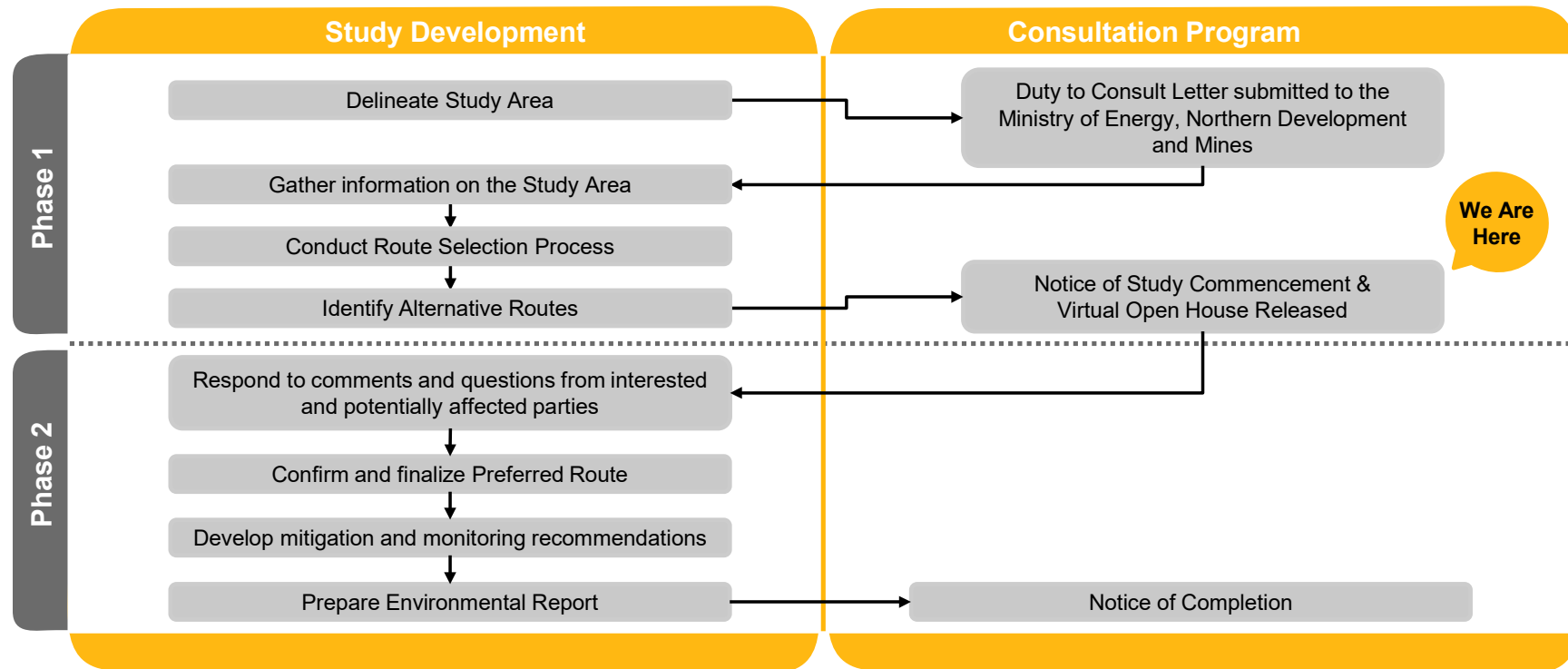


### Consultation

- Consultation is a key component of the Environmental Report.
- The consultation program helps identify and address 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.



## London Lines Replacement Project Virtual Open House



### Environmental Study Process



## London Lines Replacement Project Virtual Open House



### Indigenous People Policy

Enbridge 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 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 commits to pursue sustainable relationships with Indigenous Nations and groups in proximity to where Enbridge 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.



## London Lines Replacement Project Virtual Open House



## Environment, Health and Safety Policy

### Our commitment

- Enbridge is committed to protecting the health and safety of all individuals affected by our activities.
- Enbridge 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 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.



## London Lines Replacement Project Virtual Open House



### Access and Land Requirements

- Once a preferred route is selected, an Enbridge Land Agent will begin discussions with landowners for the appropriate land rights necessary for the construction, decommission and/or removal of the pipeline.
- Enbridge is committed to working with all directly affected landowners in anticipation of acquiring early access agreements in order to gather essential information, including but not limited to, land survey data, environmental, archaeological and property site features, along with negotiating the necessary land rights.
- These land rights will consist of permanent easements and/or temporary land rights. The temporary land rights are only required during project construction activities.
- Enbridge will ensure that a Land Agent is available to each landowner during all pipeline construction activities.
- The Land Agent will keep all landowners informed of the progress of the project and assist with any concerns that may arise as a result of the construction activities.



## London Lines Replacement Project Virtual Open House



### Agricultural Soils

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

- 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 Gas 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.
- Any agricultural drainage systems impacted by construction will be repaired.
- 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 work space necessary for construction of the project will be staked at regular intervals.
- A post-construction cover crop program will be available to landowners.



## London Lines Replacement Project Virtual Open House



### Maintaining Agricultural Drainage Systems

- Landowners will be contacted prior to construction to confirm the location and type of existing drains. Any future drainage plans will also be discussed with the landowner.
- Field tile will be temporarily re-routed during pre-construction activities where required to ensure proper drainage during construction.
- Damaged and severed drains will be repaired following construction. After repair and prior to backfilling, landowners will be invited to inspect and approve the repair. Any on-going field tile issues resulting from pipeline construction will be addressed by Enbridge Gas as required.



## London Lines Replacement Project Virtual Open House



### Socio-economic Features

The project will be constructed through road right of way, private business areas, agricultural and residential land, along with land regulated by both Canadian Pacific and Canadian National Railways, and land regulated by Hydro One, Lower Thames Valley Conservation Authority, St. Clair Region Conservation Authority, and Upper Thames River 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 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).





## London Lines Replacement Project Virtual Open House



### Aquatic Resources

Enbridge understands the importance of protecting wildlife during construction and therefore will implement recognized mitigation measures to minimize possible environmental effects.

#### Potential Effects

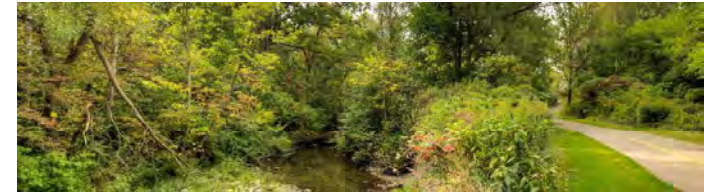
- Disruption and alteration to aquatic species and habitat and/or nuisance effects.
- Increased erosion, sedimentation, and turbidity resulting from removal of vegetation.

#### Example Mitigation Measures

- Conduct surveys of waterbodies.
- Obtain all agency permits and approvals.
- Limit in-channel construction, where possible, and conform to fish timing window guidelines.
- For in-channel construction, protect aquatic species and manage sedimentation and turbidity.
- Restore and seed areas to establish habitat and reduce erosion.
- Replant vegetation along waterways.



## London Lines Replacement Project Virtual Open House



### 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 right-of-way, 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.



## London Lines Replacement Project Virtual Open House



### Terrestrial Resources

During the course of construction, natural heritage 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.
- 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.



## London Lines Replacement Project Virtual Open House



### 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.



## London Lines Replacement Project Virtual Open House



### Pipeline Construction

1. **Site Preparation:** The first crew to enter the construction site is typically the survey and staking crew who delineate the boundaries of the construction area. When required safety fence is installed at the edge of the construction area where public safety considerations are necessary, and aspects of the traffic management plan are implemented (i.e., signs, vehicle access).
2. **Clearing:** The clearing crew clears brush and other vegetation including the temporary work space to permit construction of the pipeline.
3. **Grading and Stripping:** Next, the grading crew prepares the construction area for access by construction equipment. Existing landscaping is also removed, and dewatering undertaken, where necessary.
4. **Stringing:** The stringing crew lays pipe on wooden skids or boxes adjacent to the trench area.
5. **Trenching:** Once the construction area has been prepared, a hydraulic hoe will excavate the trench which will then be prepared for the installation of the new pipeline.
6. **Pipe Fabrication and Lowering:** Next, the pipe is bent as required and the welding crew welds the pipe into continuous lengths. The pipe welds are x-rayed and coated then inspected before the pipeline is lowered into the trench. Crews also install pipes under obstacles such as roads or watercourses by directional drilling. The welds are global positioning system located with locations identified on the weld map along with the identification of each pipe section for future identification.
7. **Hydrostatic Test:** The pipeline is tested hydrostatically. Water is drawn from a suitable local source based on discussions with the appropriate authorities and will be disposed of appropriately (e.g., discharged to land or sanitary sewer, or removed by an Enbridge approved waste disposal provider). Upon completion of the hydrostatic testing, the pipeline is dried, purged of air and prepared for delivery of the product.
8. **Backfilling:** The backfilling crew backfills the originally excavated subsoil over the pipe in the trench. In shallow water table areas, the pipeline may be weighted to provide negative buoyancy. Surplus backfill material will be removed from the construction area. The trench line will be crowned where necessary to allow for soil settlement.
9. **Clean-Up and Restoration:** The clean-up crew is responsible for the restoration of the construction area and other work areas. In natural areas the clean-up crew undertakes restoration including re-seeding of the area and restoring ditch banks, watercourse crossings and wetland areas, and removing erosion and sediment controls. In developed areas the clean-up crew undertakes landscaping plans developed for site restoration.

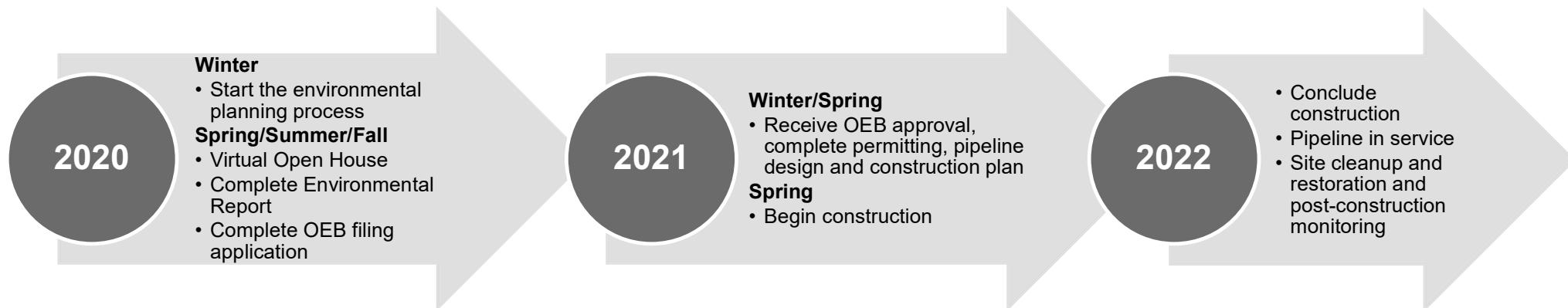


## London Lines Replacement Project Virtual Open House



### Next Steps

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



## London Lines Replacement Project Virtual Open House



### 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.

#### **Kelsey Mills**

Environmental Advisor  
Enbridge Gas Inc.  
101 Honda Boulevard  
Markham, ON L6C 0M6  
Phone: (519) 780-8186  
Email: LondonLines@Stantec.com

#### **Rooly Georgopoulos**

Senior Project Manager  
Stantec Consulting Ltd.  
300-675 Cochrane Drive, West Tower  
Markham, ON L3R 0B8  
Phone: (519) 780-8186  
Email: LondonLines@Stantec.com

For more information about the proposed project, please visit our project website at:  
<https://www.enbridgegas.com/About-Us> under "Projects"



**From:** [Georgopoulos, Rooly](#)  
**To:** [sjohnston@aamjiwnaang.ca](mailto:sjohnston@aamjiwnaang.ca)  
**Cc:** [Ken McCorkle](#); [Kelsey Mills](#); [LondonLines](#); [Hartwig, Emily](#); [Lauren Whitwham](#)  
**Subject:** RE: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)  
**Date:** Wednesday, April 29, 2020 1:03:18 PM  
**Attachments:** [51170\\_LLRP-Virtual-Open-House\\_20200416\\_fnl.pdf](#)

---

Good afternoon, I apologize for the multiple emails, but it has been brought to my attention that the Virtual Open House Presentation Boards that I attached to my last email could not be opened. Please see attached updated version of the Virtual Open House Presentation Boards for the London Lines Replacement Project.

Regards,  
 Rooly

**Rooly Georgopoulos** B.Sc.,  
 Senior Associate

Direct: 905-415-6367  
 Mobile: 416-729-2300  
 Fax: 905-474-9889  
[rooly.georgopoulos@stantec.com](mailto:rooly.georgopoulos@stantec.com)

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---

**From:** Georgopoulos, Rooly <[Rooly.Georgopoulos@stantec.com](mailto:Rooly.Georgopoulos@stantec.com)>  
**Sent:** Wednesday, April 29, 2020 11:38 AM  
**To:** [sjohnston@aamjiwnaang.ca](mailto:sjohnston@aamjiwnaang.ca)  
**Cc:** Ken McCorkle <[Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com)>; Kelsey Mills <[Kelsey.Mills@enbridge.com](mailto:Kelsey.Mills@enbridge.com)>; LondonLines <[LondonLines@stantec.com](mailto:LondonLines@stantec.com)>; Hartwig, Emily <[Emily.Hartwig@stantec.com](mailto:Emily.Hartwig@stantec.com)>; Lauren Whitwham <[Lauren.Whitwham@enbridge.com](mailto:Lauren.Whitwham@enbridge.com)>  
**Subject:** RE: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

**Sent on behalf of Ken McCorkle (Enbridge Gas Inc.)**

Good morning,

Please find attached the Virtual Open House Presentation Boards and associated script for the London Lines Replacement Project.

Regards,



Rooly

**Rooly Georgopoulos** B.Sc.,  
Senior Associate

Direct: 905-415-6367

Mobile: 416-729-2300

Fax: 905-474-9889

[rooly.georgopoulos@stantec.com](mailto:rooly.georgopoulos@stantec.com)

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---

**From:** Hartwig, Emily <[Emily.Hartwig@stantec.com](mailto:Emily.Hartwig@stantec.com)>

**Sent:** Wednesday, April 8, 2020 6:51 PM

**To:** [sjohnston@aamjiwnaang.ca](mailto:sjohnston@aamjiwnaang.ca)

**Cc:** Ken McCorkle <[Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com)>; Georgopoulos, Rooly  
<[Rooly.Georgopoulos@stantec.com](mailto:Rooly.Georgopoulos@stantec.com)>; Kelsey Mills <[Kelsey.Mills@enbridge.com](mailto:Kelsey.Mills@enbridge.com)>; LondonLines  
<[LondonLines@stantec.com](mailto:LondonLines@stantec.com)>

**Subject:** Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines  
Replacement Project (LLRP)

**Sent on behalf of Ken McCorkle (Enbridge Gas Inc.)**

---

Good evening,

Please find attached a Notice of Commencement and Virtual Open House regarding the Enbridge Gas Inc. ("Enbridge") London Lines Replacement Project (LLRP).

Regards,

**Emily Hartwig** B.Sc., EP.  
Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

Mobile: 226 979-4457

[Emily.Hartwig@stantec.com](mailto:Emily.Hartwig@stantec.com)

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## London Lines Replacement 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 (see the Resources tab).
- If you would like to receive future Project updates, please complete the "Contact Information" section of the questionnaire.

### Our commitment

- Enbridge is committed to involving community members
- We will provide up-to-date information in an open, honest and respectful manner, and will carefully consider your input.
- Enbridge provides safe and reliable delivery of natural gas to more than 3.7 million residential, commercial, and industrial customers across Ontario.
- Enbridge is committed to environmental stewardship and conducts all of its operations in an environmentally responsible manner.



## London Lines Replacement Project Virtual Open House



### Project Overview

- Approximately 75 kilometers (km) of 8-inch, high pressure, steel, natural gas pipeline, and a secondary 10.5 km, 8-inch pipeline to connect the Town of Strathroy.
- Will replace the two current pipelines known collectively as the London Lines.
- Start within the Township of Dawn-Euphemia and will continue through the Municipality of Southwest Middlesex and will end at two locations: within the Municipality of Middlesex Centre; and at a proposed new station in the Municipality of Strathroy-Caradoc.
- If approved by the Ontario Energy Board (OEB), construction of the proposed pipeline is planned to begin as early as spring 2021 and be in service by the end of 2021.



## London Lines Replacement Project Virtual Open House



### 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, the public, and regulatory authorities regarding the proposed Preferred Route, 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 and Stantec.



## London Lines Replacement Project Virtual Open House



### 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 consultation 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.



## London Lines Replacement Project Virtual Open House



### Ontario Energy Board (OEB) Review and Approval Process

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

- 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](http://www.ontarioenergyboard.ca)

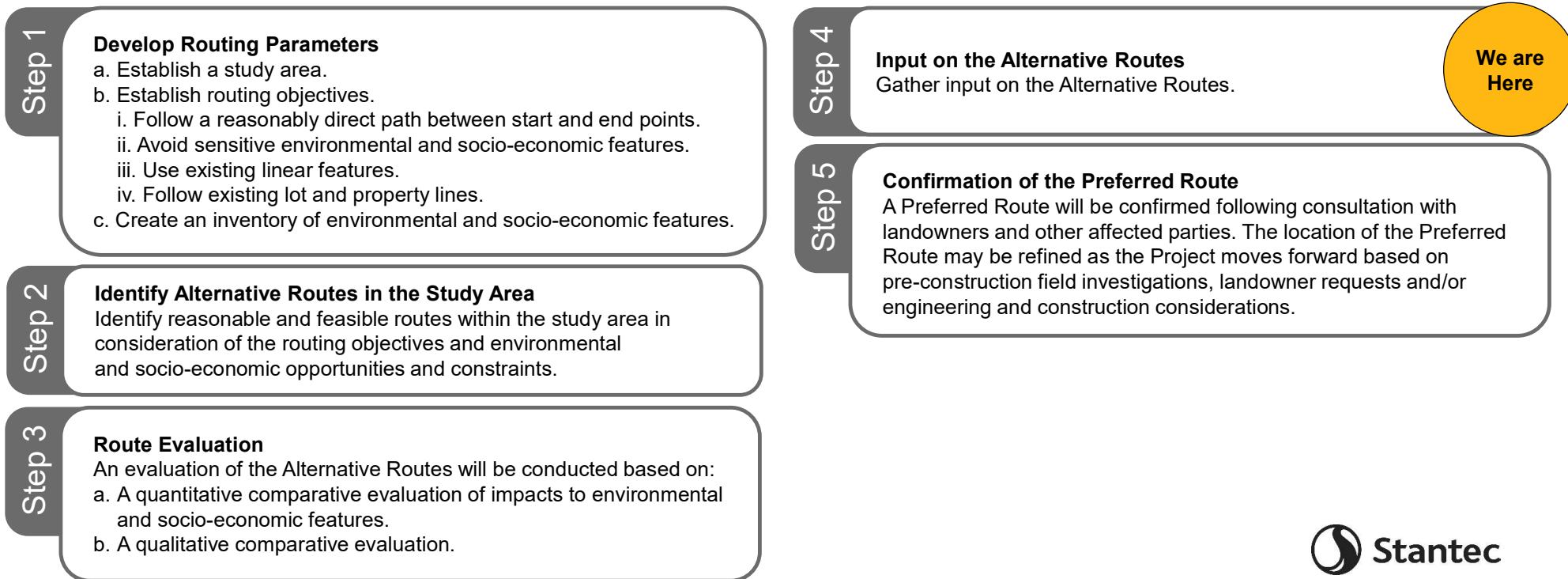


# London Lines Replacement Project Virtual Open House



## Preferred Route selection process

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





## London Lines Replacement Project Virtual Open House



### Route Evaluation Methodology

- Study Area pipeline routing constraints include natural heritage features, slope, topography, and socio-economic features and landscapes.
- A GIS routing exercise was undertaken that examined all mapped routing constraints and opportunities to generate alternative segments.
- The alternative segments follow existing linear infrastructure such as road easements 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:

<https://stantec.maps.arcgis.com/apps/webappviewer/index.html?id=08cbf589324748f598206747f7665976>

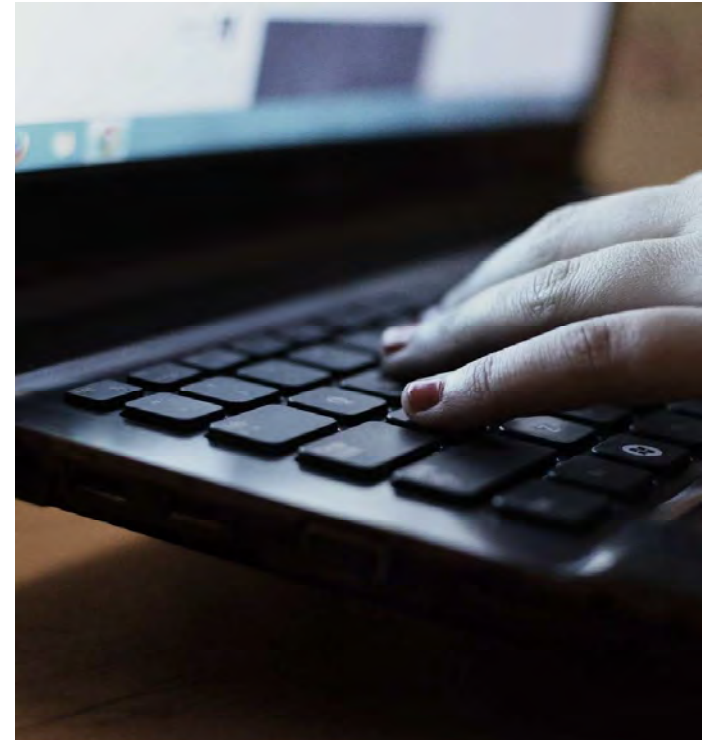


## London Lines Replacement Project Virtual Open House

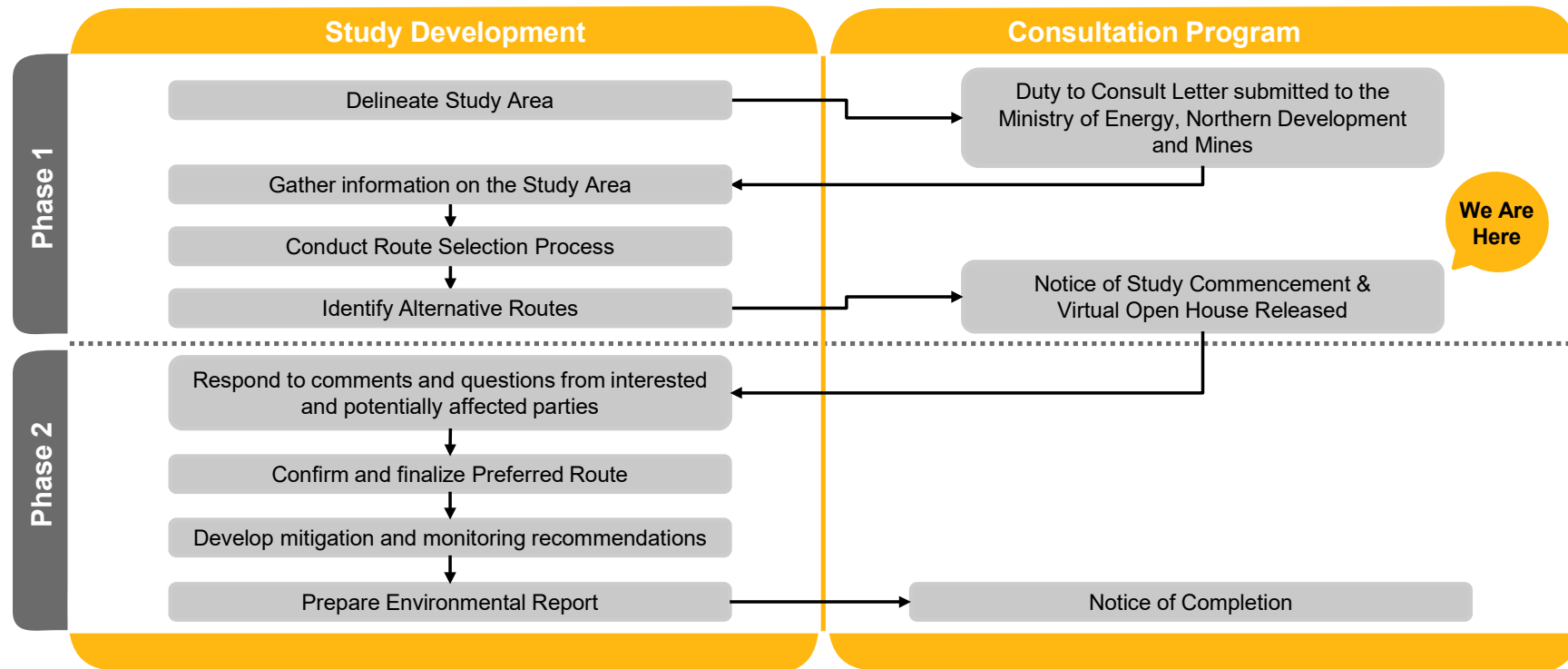


### Consultation

- Consultation is a key component of the Environmental Report.
- The consultation program helps identify and address 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.



## London Lines Replacement Project Virtual Open House



### Environmental Study Process



## London Lines Replacement Project Virtual Open House



### Indigenous People Policy

Enbridge 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 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 commits to pursue sustainable relationships with Indigenous Nations and groups in proximity to where Enbridge 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.



## London Lines Replacement Project Virtual Open House



## Environment, Health and Safety Policy

### Our commitment

- Enbridge is committed to protecting the health and safety of all individuals affected by our activities.
- Enbridge 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 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.



## London Lines Replacement Project Virtual Open House



### Access and Land Requirements

- Once a preferred route is selected, an Enbridge Land Agent will begin discussions with landowners for the appropriate land rights necessary for the construction, decommission and/or removal of the pipeline.
- Enbridge is committed to working with all directly affected landowners in anticipation of acquiring early access agreements in order to gather essential information, including but not limited to, land survey data, environmental, archaeological and property site features, along with negotiating the necessary land rights.
- These land rights will consist of permanent easements and/or temporary land rights. The temporary land rights are only required during project construction activities.
- Enbridge will ensure that a Land Agent is available to each landowner during all pipeline construction activities.
- The Land Agent will keep all landowners informed of the progress of the project and assist with any concerns that may arise as a result of the construction activities.



## London Lines Replacement Project Virtual Open House



### Agricultural Soils

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

- 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 Gas 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.
- Any agricultural drainage systems impacted by construction will be repaired.
- 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 work space necessary for construction of the project will be staked at regular intervals.
- A post-construction cover crop program will be available to landowners.





## London Lines Replacement Project Virtual Open House



### Maintaining Agricultural Drainage Systems

- Landowners will be contacted prior to construction to confirm the location and type of existing drains. Any future drainage plans will also be discussed with the landowner.
- Field tile will be temporarily re-routed during pre-construction activities where required to ensure proper drainage during construction.
- Damaged and severed drains will be repaired following construction. After repair and prior to backfilling, landowners will be invited to inspect and approve the repair. Any on-going field tile issues resulting from pipeline construction will be addressed by Enbridge Gas as required.





## London Lines Replacement Project Virtual Open House



### Socio-economic Features

The project will be constructed through road right of way, private business areas, agricultural and residential land, along with land regulated by both Canadian Pacific and Canadian National Railways, and land regulated by Hydro One, Lower Thames Valley Conservation Authority, St. Clair Region Conservation Authority, and Upper Thames River 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 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).



## London Lines Replacement Project Virtual Open House



### Aquatic Resources

Enbridge understands the importance of protecting wildlife during construction and therefore will implement recognized mitigation measures to minimize possible environmental effects.

#### Potential Effects

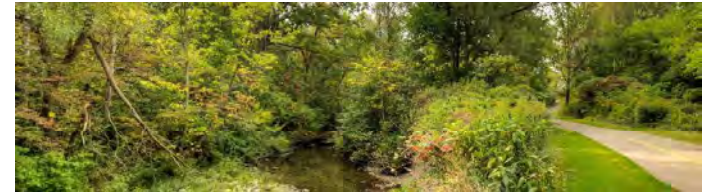
- Disruption and alteration to aquatic species and habitat and/or nuisance effects.
- Increased erosion, sedimentation, and turbidity resulting from removal of vegetation.

#### Example Mitigation Measures

- Conduct surveys of waterbodies.
- Obtain all agency permits and approvals.
- Limit in-channel construction, where possible, and conform to fish timing window guidelines.
- For in-channel construction, protect aquatic species and manage sedimentation and turbidity.
- Restore and seed areas to establish habitat and reduce erosion.
- Replant vegetation along waterways.



## London Lines Replacement Project Virtual Open House



### 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 right-of-way, 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.



## London Lines Replacement Project Virtual Open House



### Terrestrial Resources

During the course of construction, natural heritage 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.
- 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.



## London Lines Replacement Project Virtual Open House



### 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.



## London Lines Replacement Project Virtual Open House



### Pipeline Construction

1. **Site Preparation:** The first crew to enter the construction site is typically the survey and staking crew who delineate the boundaries of the construction area. When required safety fence is installed at the edge of the construction area where public safety considerations are necessary, and aspects of the traffic management plan are implemented (i.e., signs, vehicle access).
2. **Clearing:** The clearing crew clears brush and other vegetation including the temporary work space to permit construction of the pipeline.
3. **Grading and Stripping:** Next, the grading crew prepares the construction area for access by construction equipment. Existing landscaping is also removed, and dewatering undertaken, where necessary.
4. **Stringing:** The stringing crew lays pipe on wooden skids or boxes adjacent to the trench area.
5. **Trenching:** Once the construction area has been prepared, a hydraulic hoe will excavate the trench which will then be prepared for the installation of the new pipeline.
6. **Pipe Fabrication and Lowering:** Next, the pipe is bent as required and the welding crew welds the pipe into continuous lengths. The pipe welds are x-rayed and coated then inspected before the pipeline is lowered into the trench. Crews also install pipes under obstacles such as roads or watercourses by directional drilling. The welds are global positioning system located with locations identified on the weld map along with the identification of each pipe section for future identification.
7. **Hydrostatic Test:** The pipeline is tested hydrostatically. Water is drawn from a suitable local source based on discussions with the appropriate authorities and will be disposed of appropriately (e.g., discharged to land or sanitary sewer, or removed by an Enbridge approved waste disposal provider). Upon completion of the hydrostatic testing, the pipeline is dried, purged of air and prepared for delivery of the product.
8. **Backfilling:** The backfilling crew backfills the originally excavated subsoil over the pipe in the trench. In shallow water table areas, the pipeline may be weighted to provide negative buoyancy. Surplus backfill material will be removed from the construction area. The trench line will be crowned where necessary to allow for soil settlement.
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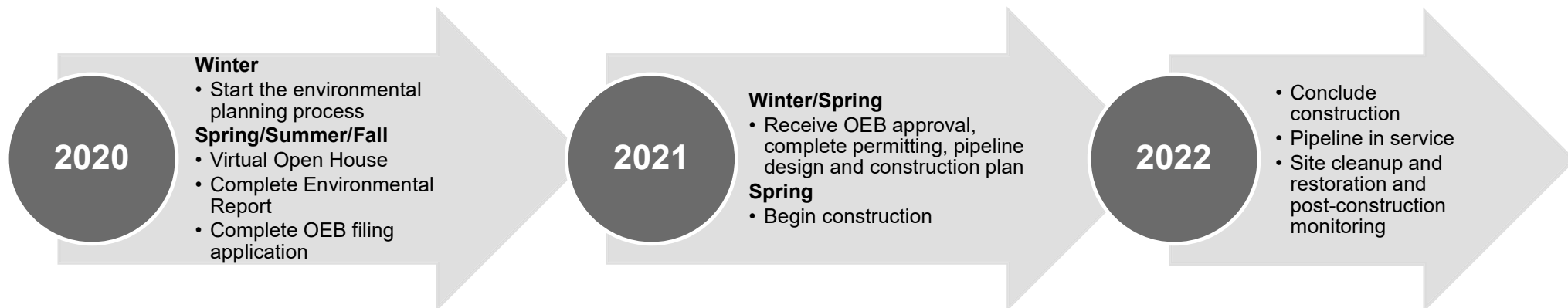


## London Lines Replacement Project Virtual Open House



### Next Steps

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



## London Lines Replacement Project Virtual Open House



### 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.

#### **Kelsey Mills**

Environmental Advisor  
Enbridge Gas Inc.  
101 Honda Boulevard  
Markham, ON L6C 0M6  
Phone: (519) 780-8186  
Email: LondonLines@Stantec.com

#### **Rooly Georgopoulos**

Senior Project Manager  
Stantec Consulting Ltd.  
300-675 Cochrane Drive, West Tower  
Markham, ON L3R 0B8  
Phone: (519) 780-8186  
Email: LondonLines@Stantec.com

For more information about the proposed project, please visit our project website at:  
<https://www.enbridgegas.com/About-Us> under "Projects"





**From:** [Lauren Whitwham](#)  
**To:** [Sharilyn Johnston](#)  
**Cc:** [Ken McCorkle](#); [LondonLines](#)  
**Subject:** Enbridge Gas London Lines Project: Open House and Alternative Route  
**Date:** Friday, May 15, 2020 9:55:00 AM  
**Attachments:** [let\\_160951170\\_Aamijwnaang\\_Notice-of-Change\\_20200513\\_fnl.pdf](#)

---

Good morning,

We hope this finds you and your family well.

I am following up with you on the Enbridge Gas London Lines Project on two topics.

First, we just wanted to follow up to confirm if you were able to access and view the VOH (Virtual Open House) for the London Lines Project? If you had any comments or would like more follow up please do not hesitate to contact us. We will be in contact with you regarding an opportunity for you to participate in monitoring on site for the Archaeological and Environmental surveys.

Secondly, I have attached a Notice of Project Change on the Enbridge Gas London Lines Project. For this Project, a third and fourth alternate route have been identified and included for consideration ("Strathroy Alternate 3" and "Strathroy Alternate 4") for the secondary pipeline to the community of Strathroy.

Stantec is request that any questions and/or comments regarding the Notice of Project Change or the proposed project be sent to them by May 29, 2020. The contact information for Stantec is also in the attachment.

If you have any questions or concerns about these two items, please feel free to reach out to Ken McCorkle or myself and we would be happy to assist.

We hope you enjoy the long weekend and take care.

Many thanks,  
Lauren

**Lauren Whitwham**

Analyst, Indigenous, Municipal Affairs & Stakeholder Relation

—

**ENBRIDGE GAS INC.**

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | [lauren.whitwham@enbridge.com](mailto:lauren.whitwham@enbridge.com)  
109 Commissioners Road West, London, ON N6A4P1

**Safety. Integrity. Respect.**



**Stantec Consulting Ltd.**  
300W-675 Cochrane Drive, Markham ON L3R 0B8



May 13, 2020

**Aamjiwnaang First Nation**  
978 Tashmoo Avenue  
Sarnia, ON N7T 7H5

Dear Sir/Madam,

**Reference: Enbridge Gas Inc. – London Lines Replacement Project: Notice of Project Change**

Enbridge Gas Inc. (Enbridge) is proposing to replace a section of natural gas pipeline known as the London Lines in order to improve the integrity of the pipeline network and to increase system flexibility, as indicated in Enbridge's notification on April 8, 2020. The London Lines Replacement Project (LLRP) will include the construction of approximately 75 kilometers (km) of 8-inch, high pressure natural gas pipeline. This will replace the two current pipelines known collectively as the London Lines. The LLRP will also include the construction of approximately 10.5 km of a secondary 8-inch pipeline which will connect the replaced pipeline to the community of Strathroy.

**You are receiving this letter because a third and fourth alternate route have been identified and included for consideration ("Strathroy Alternate 3" and "Strathroy Alternate 4") for the secondary pipeline to the community of Strathroy.** For more details, please refer to the attached map.

As part of the planning process, Enbridge has retained Stantec Consulting Ltd. (Stantec) to undertake an Environmental Study of the construction and operation for the proposed natural gas pipeline. The Environmental Study will fulfill the requirements of the Ontario Energy Board's (OEB) "Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)".

An Environmental Report, summarizing the results of the Environmental Study, will accompany Enbridge's application to the OEB as part of their Leave to Construct (LTC) application. The Environmental Report for the proposed project is anticipated to be completed by summer 2020. The OEB's review and approval is required before construction of the Project can proceed. If approved, construction of the pipeline is anticipated to begin in Spring/Summer 2021.

We request that any questions and/or comments regarding the Notice of Project Change or the proposed project be sent to the following contacts by May 29, 2020.

Yours truly,

**Stantec Consulting Ltd.**

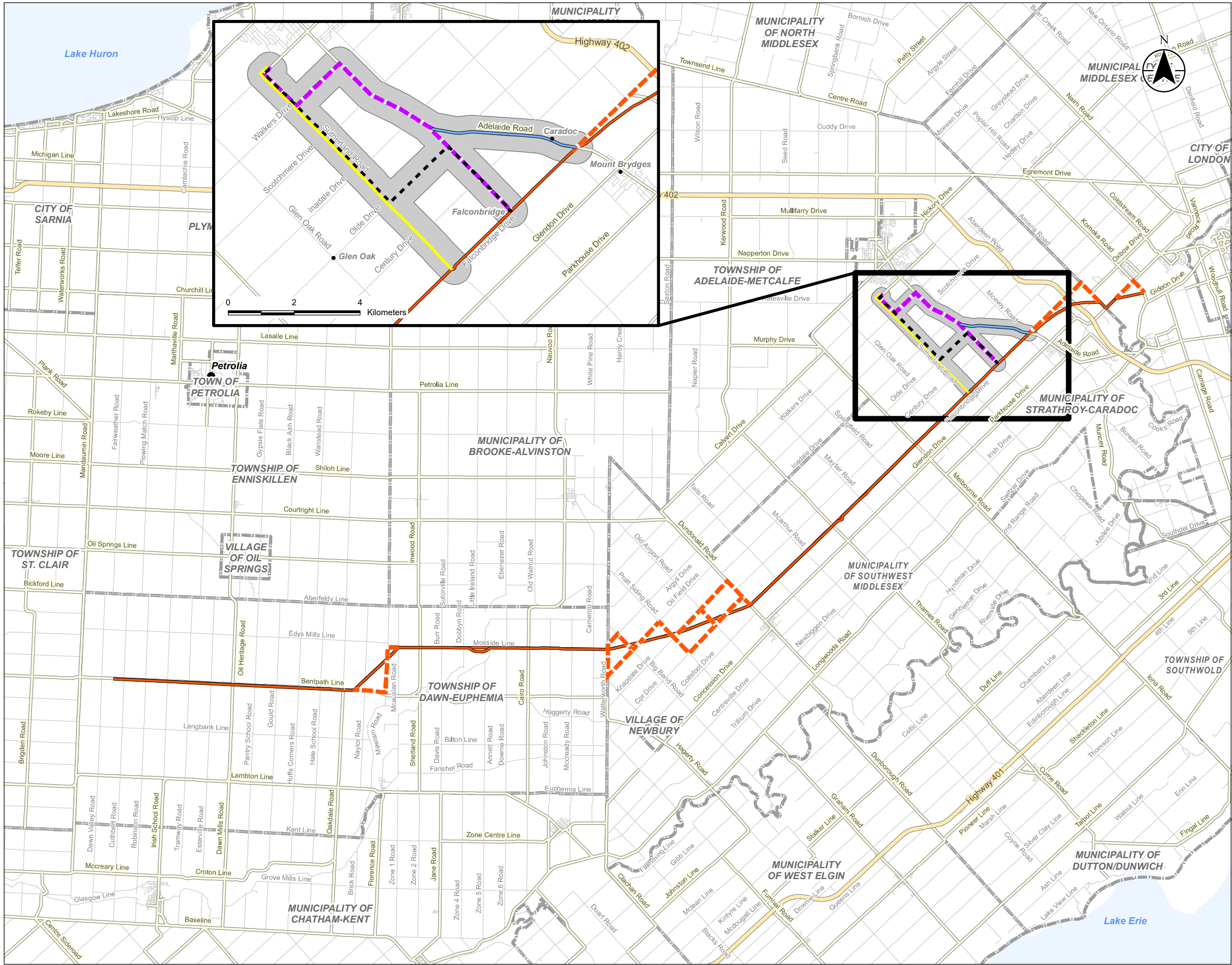
**Rooly Georgopoulos** B.Sc.  
Senior Associate, Senior Project Manager  
Phone: (519) 780-8186  
LondonLines@stantec.com

Attachment: Figure 1: London Lines Replacement Project

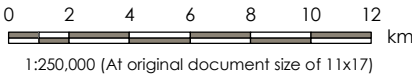
c. Kelsey Mills, Environmental Advisor, Enbridge Gas Inc.

Design with community in mind

\\Cd1215401\work\group\01609\A\drive\160951170\landon\03\_data\gis\cd\ask\mxd\london\consultation\change\_notice\_20200504\_160951170\_CU\_Fig01\_Routes.mxd - Revised: 2020-05-12 By: seefiles



- Legend
- Existing / Alternative Route
  - Alternative Segments
  - Strathroy Alternate 1
  - Strathroy Alternate 2
  - Strathroy Alternate 3
  - Strathroy Alternate 4
  - Strathroy Alternatives Buffer 500m
  - Expressway / Highway
  - Major Road
  - Minor Road
  - Municipal Boundary, Lower



- Notes
- Coordinate System: NAD 1983 UTM Zone 17N
  - Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2020.



Project Location  
Counties of Lambton and Middlesex

160951031 REV4  
Prepared by SPE on 2020-05-12

Client/Project  
ENBRIDGE GAS INC.

Figure No.  
**1**

Title  
**London Lines Replacement Project**



**From:** [Lauren Whitwham](#)  
**To:** [chief@caldwellfirstnation.ca](mailto:chief@caldwellfirstnation.ca); [nikki.orosz@caldwellfirstnation.ca](mailto:nikki.orosz@caldwellfirstnation.ca)  
**Cc:** [Ken McCorkle](#); [LondonLines](#)  
**Subject:** FW: Enbridge Gas London Lines Project  
**Date:** Monday, March 9, 2020 2:12:14 PM  
**Attachments:** [London Lines map.pdf](#)

---

Good afternoon Chief Duckworth,

Further to the email below, please find attached an updated map of the project.

We look forward to working with you on this project.

Thank you,  
 Lauren

### Lauren Whitwham

Analyst, Indigenous, Municipal Affairs & Stakeholder Relation

—

#### ENBRIDGE GAS INC.

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | [lauren.whitwham@enbridge.com](mailto:lauren.whitwham@enbridge.com)  
 109 Commissioners Road West, London, ON N6A4P1

Safety. Integrity. Respect.

---

**From:** Lauren Whitwham  
**Sent:** Wednesday, February 26, 2020 3:03 PM  
**To:** 'chief@caldwellfirstnation.ca' <chief@caldwellfirstnation.ca>;  
 'nikki.orosz@caldwellfirstnation.ca' <nikki.orosz@caldwellfirstnation.ca>  
**Cc:** Ken McCorkle <Ken.McCorkle@enbridge.com>  
**Subject:** Enbridge Gas London Lines Project

Good afternoon Chief Duckworth,

Please find attached our notification letter and map for the Enbridge Gas Inc. London Lines Project.

-

We would like to set up a time to come to speak with your environment/consultation committee to discuss the project and provide you with details. Please reach out to Ken McCorkle to arrange for a time for discussion.

We look forward to working with you on this project.

Thank you,  
 Lauren

## Lauren Whitwham

Analyst, Indigenous, Municipal Affairs & Stakeholder Relation

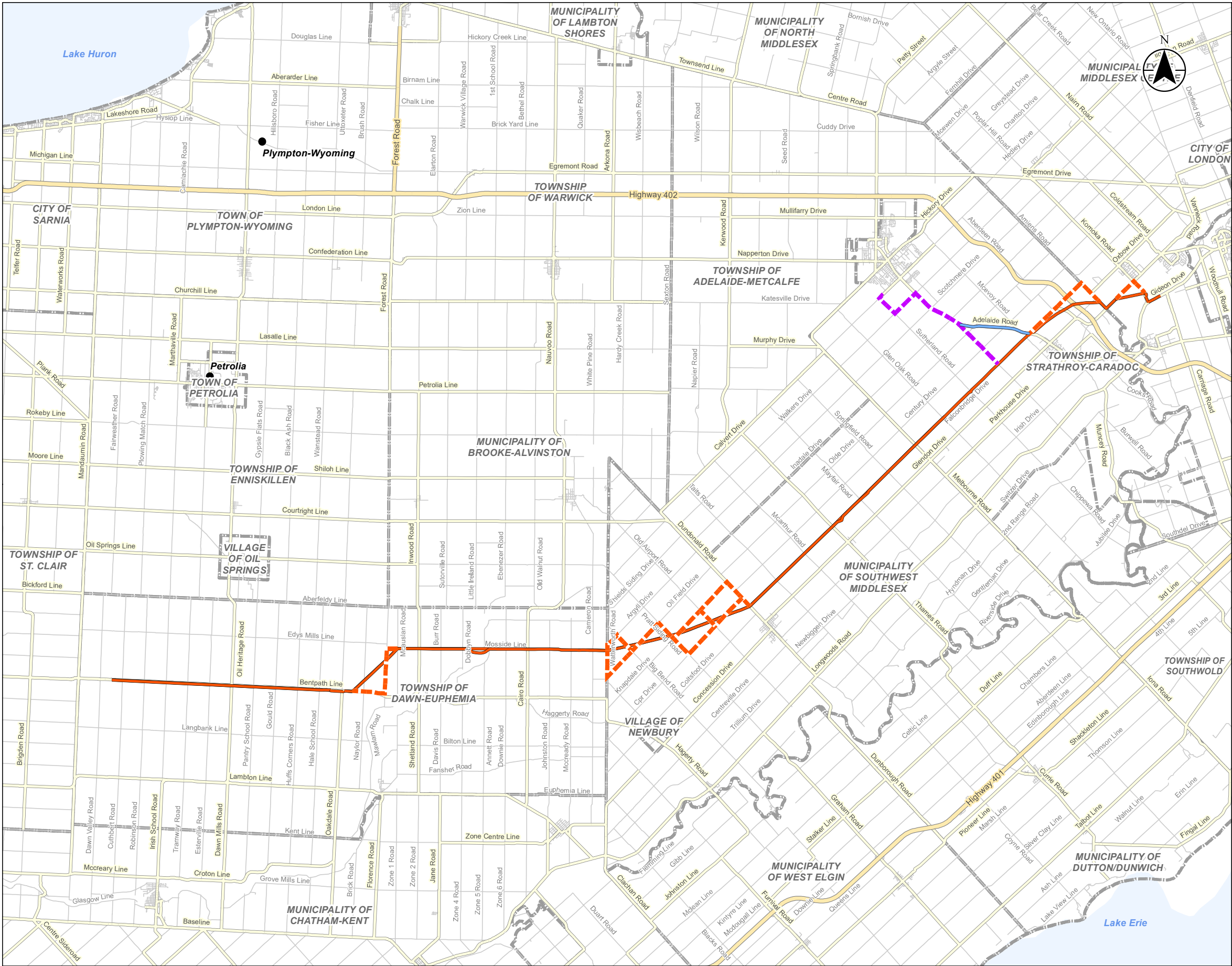
---

### ENBRIDGE GAS INC.

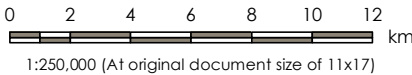
TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | [lauren.whitwham@enbridge.com](mailto:lauren.whitwham@enbridge.com)  
109 Commissioners Road West, London, ON N6A4P1

**Safety. Integrity. Respect.**





- Legend
- Existing / Alternative Route
  - Alternative Segments
  - Strathroy Alternate 1
  - Strathroy Alternate 2
  - Expressway / Highway
  - Major Road
  - Minor Road
  - Municipal Boundary, Lower



- Notes
- Coordinate System: NAD 1983 UTM Zone 17N
  - Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2020.



Project Location  
Counties of Lambton and Middlesex

160951031 REV4  
Prepared by SPE on 2020-03-05

Client/Project  
ENBRIDGE GAS INC.

Figure No.  
**1**

Title  
**London Lines Replacement Project**





**From:** [Ken McCorkle](#)  
**To:** [Nikki van Oirschot](#); [Lauren Whitwham](#); [Mary Duckworth](#)  
**Cc:** [LondonLines](#); [Tammy Jolicoeur](#); [Julie Le](#)  
**Subject:** RE: [External] RE: Enbridge Gas London Lines Project  
**Date:** Wednesday, March 18, 2020 11:27:31 AM

---

Hello Nikki:

It is great to hear from you and thank you for the follow up to our email. I will wait to hear from you regarding councils decision. In the interim please do not hesitate to contact me with any questions or concerns you may have regarding this project.

Miigwech,  
 Ken

---

**From:** Nikki van Oirschot <[nikki@caldwellfirstnation.ca](mailto:nikki@caldwellfirstnation.ca)>  
**Sent:** Tuesday, March 17, 2020 4:55 PM  
**To:** Lauren Whitwham <[Lauren.Whitwham@enbridge.com](mailto:Lauren.Whitwham@enbridge.com)>; Mary Duckworth <[chief@caldwellfirstnation.ca](mailto:chief@caldwellfirstnation.ca)>  
**Cc:** Ken McCorkle <[Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com)>; [londonlines@stantec.com](mailto:londonlines@stantec.com); Tammy Jolicoeur <[tammy.jolicoeur@caldwellfirstnation.ca](mailto:tammy.jolicoeur@caldwellfirstnation.ca)>; Julie Le <[ea@caldwellfirstnation.ca](mailto:ea@caldwellfirstnation.ca)>  
**Subject:** [External] RE: Enbridge Gas London Lines Project

**EXTERNAL: PLEASE PROCEED WITH CAUTION.**

This e-mail has originated from outside of the organization. Do not respond, click on links or open attachments unless you recognize the sender or know the content is safe.

Good afternoon,

Please be advised that the Chief is on leave until September 9, 2020.

Ken – I will advise if Council wants to meet to discuss the project.

Miigwech (Thank you),

*Nikki van Oirschot "Mashkawizii Nendamowin Kwe"* (she/her)

Director of Operations  
 Caldwell First Nation  
 14 Orange Street | Leamington, ON N8H 1P5  
 Phone: 519-322-1766 | Mobile: 226-236-1108  
[caldwellfirstnation.ca](http://caldwellfirstnation.ca)

---

**From:** Lauren Whitwham <[Lauren.Whitwham@enbridge.com](mailto:Lauren.Whitwham@enbridge.com)>  
**Sent:** Monday, March 9, 2020 2:12 PM  
**To:** [chief@caldwellfirstnation.ca](mailto:chief@caldwellfirstnation.ca); [nikki.orosz@caldwellfirstnation.ca](mailto:nikki.orosz@caldwellfirstnation.ca)  
**Cc:** Ken McCorkle <[Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com)>; [londonlines@stantec.com](mailto:londonlines@stantec.com)

**Subject:** FW: Enbridge Gas London Lines Project

Good afternoon Chief Duckworth,

Further to the email below, please find attached an updated map of the project.

We look forward to working with you on this project.

Thank you,  
Lauren

**Lauren Whitwham**

Analyst, Indigenous, Municipal Affairs & Stakeholder Relation

—

**ENBRIDGE GAS INC.**

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | [lauren.whitwham@enbridge.com](mailto:lauren.whitwham@enbridge.com)

109 Commissioners Road West, London, ON N6A4P1

**Safety. Integrity. Respect.**

---

**From:** Lauren Whitwham

**Sent:** Wednesday, February 26, 2020 3:03 PM

**To:** '[chief@caldwellfirstnation.ca](mailto:chief@caldwellfirstnation.ca)' <[chief@caldwellfirstnation.ca](mailto:chief@caldwellfirstnation.ca)>;  
'[nikki.orosz@caldwellfirstnation.ca](mailto:nikki.orosz@caldwellfirstnation.ca)' <[nikki.orosz@caldwellfirstnation.ca](mailto:nikki.orosz@caldwellfirstnation.ca)>

**Cc:** Ken McCorkle <[Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com)>

**Subject:** Enbridge Gas London Lines Project

Good afternoon Chief Duckworth,

Please find attached our notification letter and map for the Enbridge Gas Inc. London Lines Project.

We would like to set up a time to come to speak with your environment/consultation committee to discuss the project and provide you with details. Please reach out to Ken McCorkle to arrange for a time for discussion.

We look forward to working with you on this project.

Thank you,  
Lauren

**Lauren Whitwham**

Analyst, Indigenous, Municipal Affairs & Stakeholder Relation

—

**ENBRIDGE GAS INC.**

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | [lauren.whitwham@enbridge.com](mailto:lauren.whitwham@enbridge.com)  
109 Commissioners Road West, London, ON N6A4P1

**Safety. Integrity. Respect.**

**From:** [Hartwig, Emily](#)  
**To:** [chief@caldwellfirstnation.ca](mailto:chief@caldwellfirstnation.ca)  
**Cc:** [Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com); [Georgopoulos, Rooly](#); [Kelsey.Mills@enbridge.com](mailto:Kelsey.Mills@enbridge.com); [londonlines@stantec.com](mailto:londonlines@stantec.com)  
**Subject:** Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)  
**Date:** Wednesday, April 8, 2020 6:51:00 PM  
**Attachments:** [let\\_160951170\\_Indigenous\\_NoC-VOH\\_MDuckworth\\_2020-04-08\\_fnl.pdf](#)

---

**Sent on behalf of Ken McCorkle (Enbridge Gas Inc.)**

---

Good evening,

Please find attached a Notice of Commencement and Virtual Open House regarding the Enbridge Gas Inc. ("Enbridge") London Lines Replacement Project (LLRP).

Regards,

**Emily Hartwig** B.Sc., EP.

Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

Mobile: 226 979-4457

[Emily.Hartwig@stantec.com](mailto:Emily.Hartwig@stantec.com)

Stantec

1-70 Southgate Drive

Guelph ON N1G 4P5



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**Stantec Consulting Ltd.**  
300W-675 Cochrane Drive Markham, ON L3R 0B8



April 8, 2020

**Attention: Chief Mary Duckworth,**  
Caldwell First Nation  
14 Orange Street  
Leamington ON N8H 1P5

Dear Chief Duckworth,

**Reference: Enbridge Gas – London Lines Replacement Project, Notice of Project Commencement and Virtual Open House**

Enbridge Gas is proposing to replace a section of natural gas pipeline in order to improve the integrity of the pipeline network and to increase system flexibility. All current services will be maintained as a result of this project.

The London Lines Replacement Project (LLRP) will include the construction of approximately 75 kilometers (km) of 8-inch, high pressure natural gas pipeline. This will replace the two current pipelines known collectively as the London Lines. The LLRP will also include the construction of 10.5 km of a secondary 8-inch pipeline which will connect the replaced pipeline to the community of Strathroy. The LLRP will start within the Township of Dawn-Euphemia near Oil Heritage Road and Bentpath Lane. The pipeline project will continue through the municipality of Southwest Middlesex and will end at two locations: within the Municipality of Middlesex Centre at Komoka Road and Glendon Drive; and at a proposed new station at Calvert Drive and Sutherland Road in the Municipality of Strathroy-Caradoc. The general location and study area of the proposed pipeline is shown on the attached map.

As part of the planning process, Enbridge Gas has retained Stantec Consulting Ltd. (Stantec) to undertake an Environmental Study of the construction and operation for the proposed natural gas pipeline. The Environmental Study will fulfill the requirements of the Ontario Energy Board's (OEB) "Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)".

An Environmental Report, summarizing the results of the Environmental Study, will accompany Enbridge's application to the OEB as part of their Leave to Construct (LTC) application. The Environmental Report for the proposed project is anticipated to be completed by early summer 2020. The OEB's review and approval is required before construction of the Project can proceed. If approved, construction of the pipeline is anticipated to begin in Spring/Summer 2021.

Caldwell First Nation is invited to provide comments regarding the proposed pipeline. Specifically, Stantec is seeking information about any adverse impacts that the proposed project may have on constitutionally protected Aboriginal or treaty rights and any measures for mitigating those adverse impacts.

Stantec is presently compiling an environmental, socio-economic, and archaeological/cultural heritage inventory of the Environmental Study Area. As an Indigenous community with a potential interest in developments in that area, you are invited to provide or coordinate comments regarding the proposed pipeline.

As part of the Environmental Study, Enbridge is in the process of contacting the following agencies:

- Indigenous and Northern Affairs Canada; and
- Ontario Ministry of Indigenous Relations and Reconciliation.



April 8, 2020  
Page 2 of 2



**Reference: Enbridge Gas Distribution Inc. – London Lines Replacement Project, Notice of Project Commencement and Information Session**

Public consultation with Indigenous communities, landowners, government agencies, current customers serviced by the London Lines, the general public, and other interested persons is an integral component of the planning process. As a result of the social distancing requirements set out by the Government of Canada and the Province of Ontario due to **COVID-19**, a Virtual Open House will be held in place of an in-person Open House regarding the proposed LLRP. The Virtual Open House will be available beginning on **April 20, 2020** at 9:00 am EST until **May 1, 2020** at 5:00 pm EST at:

[www.solutions.ca/LondonLines](http://www.solutions.ca/LondonLines)

*If you are unable to log onto the Virtual Open House between April 20 and May 1, please dial (519) 780-8186, leave a message with your contact information, and we will respond as soon as possible.*

There will be a questionnaire available at the end of the presentation and you will have the ability to submit comments and/or questions about the proposed LLRP, including proposed routes, design and the anticipated project schedule during the presentation. In addition, a copy of the open house story boards will be available to download. Input received will be used to inform the selection of the preferred pipeline route, and to develop site specific environmental protection or mitigation measures for the Project.

If you have questions or concerns regarding the Project, please do not hesitate to contact the undersigned.

Regards,

**ENBRIDGE GAS INC.**

**Ken McCorkle**  
Senior Advisor, Indigenous Affairs  
Enbridge Gas Inc.  
50 Keil Drive North  
Chatham, ON, N7M 5M1  
PH: 519-436-4600 ext. 5002243  
Cell: 519-365-0584  
Ken.McCorkle@enbridge.com

Attachment: Figure 1: London Lines Replacement Project

- c. Kelsey Mills, Sr. Environmental Analyst, Enbridge Gas Inc.  
Rooley Georgopoulos, Senior Project Manager, Stantec Consulting Ltd.







 Existing / Alternative Route  
 Alternative Segments  
 Strathroy Alternate 1  
 Strathroy Alternate 2  
 Study Area



Figure No.  
**1**  
Title  
**London Lines Replacement Project**

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**From:** [Georgopoulos, Rooly](#)  
**To:** [nikki.orosz@caldwellfirstnation.ca](mailto:nikki.orosz@caldwellfirstnation.ca)  
**Cc:** [Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com); [Kelsey.Mills@enbridge.com](mailto:Kelsey.Mills@enbridge.com); [LondonLines](#); [Hartwig, Emily](#); [Lauren Whitwham](#)  
**Subject:** RE: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)  
**Date:** Wednesday, April 29, 2020 1:12:43 PM  
**Attachments:** [51170\\_LLRP-Virtual-Open-House\\_20200416\\_fnl.pdf](#)

---

Good afternoon, I apologize for the multiple emails, but it has been brought to my attention that the Virtual Open House Presentation Boards that I attached to my last email could not be opened. Please see attached updated version of the Virtual Open House Presentation Boards for the London Lines Replacement Project.

Regards,  
 Rooly

**Rooly Georgopoulos** B.Sc.,  
 Senior Associate

Direct: 905-415-6367  
 Mobile: 416-729-2300  
 Fax: 905-474-9889  
[rooly.georgopoulos@stantec.com](mailto:rooly.georgopoulos@stantec.com)

Stantec  
 300W-675 Cochrane Drive  
 Markham ON L3R 0B8

Stantec



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---

**From:** Georgopoulos, Rooly <[Rooly.Georgopoulos@stantec.com](mailto:Rooly.Georgopoulos@stantec.com)>  
**Sent:** Wednesday, April 29, 2020 11:44 AM  
**To:** [nikki.orosz@caldwellfirstnation.ca](mailto:nikki.orosz@caldwellfirstnation.ca)  
**Cc:** [Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com); [Kelsey.Mills@enbridge.com](mailto:Kelsey.Mills@enbridge.com); [LondonLines](#) <[LondonLines@stantec.com](mailto:LondonLines@stantec.com)>; [Hartwig, Emily](#) <[Emily.Hartwig@stantec.com](mailto:Emily.Hartwig@stantec.com)>; [Lauren Whitwham](#) <[Lauren.Whitwham@enbridge.com](mailto:Lauren.Whitwham@enbridge.com)>  
**Subject:** RE: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

**Sent on behalf of Ken McCorkle (Enbridge Gas Inc.)**

Good morning,

Please find attached the Virtual Open House Presentation Boards and associated script for the London Lines Replacement Project.

Regards,



Rooly

**Rooly Georgopoulos** B.Sc.,  
Senior Associate

Direct: 905-415-6367

Mobile: 416-729-2300

Fax: 905-474-9889

[rooly.georgopoulos@stantec.com](mailto:rooly.georgopoulos@stantec.com)

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300W-675 Cochrane Drive

Markham ON L3R 0B8

Stantec



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---

**From:** Hartwig, Emily <[Emily.Hartwig@stantec.com](mailto:Emily.Hartwig@stantec.com)>

**Sent:** Wednesday, April 8, 2020 6:52 PM

**To:** [nikki.orosz@caldwellfirstnation.ca](mailto:nikki.orosz@caldwellfirstnation.ca)

**Cc:** [Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com); Georgopoulos, Rooly <[Rooly.Georgopoulos@stantec.com](mailto:Rooly.Georgopoulos@stantec.com)>;  
[Kelsey.Mills@enbridge.com](mailto:Kelsey.Mills@enbridge.com); LondonLines <[LondonLines@stantec.com](mailto:LondonLines@stantec.com)>

**Subject:** Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

---

**Sent on behalf of Ken McCorkle (Enbridge Gas Inc.)**

Good evening,

Please find attached a Notice of Commencement and Virtual Open House regarding the Enbridge Gas Inc. ("Enbridge") London Lines Replacement Project (LLRP).

Regards,

**Emily Hartwig** B.Sc., EP.

Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

Mobile: 226 979-4457

[Emily.Hartwig@stantec.com](mailto:Emily.Hartwig@stantec.com)

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1-70 Southgate Drive

Guelph ON N1G 4P5





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## London Lines Replacement 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 (see the Resources tab).
- If you would like to receive future Project updates, please complete the "Contact Information" section of the questionnaire.

### Our commitment

- Enbridge is committed to involving community members
- We will provide up-to-date information in an open, honest and respectful manner, and will carefully consider your input.
- Enbridge provides safe and reliable delivery of natural gas to more than 3.7 million residential, commercial, and industrial customers across Ontario.
- Enbridge is committed to environmental stewardship and conducts all of its operations in an environmentally responsible manner.



## London Lines Replacement Project Virtual Open House



### Project Overview

- Approximately 75 kilometers (km) of 8-inch, high pressure, steel, natural gas pipeline, and a secondary 10.5 km, 8-inch pipeline to connect the Town of Strathroy.
- Will replace the two current pipelines known collectively as the London Lines.
- Start within the Township of Dawn-Euphemia and will continue through the Municipality of Southwest Middlesex and will end at two locations: within the Municipality of Middlesex Centre; and at a proposed new station in the Municipality of Strathroy-Caradoc.
- If approved by the Ontario Energy Board (OEB), construction of the proposed pipeline is planned to begin as early as spring 2021 and be in service by the end of 2021.



## London Lines Replacement Project Virtual Open House



### 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, the public, and regulatory authorities regarding the proposed Preferred Route, 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 and Stantec.



## London Lines Replacement Project Virtual Open House



### 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 consultation 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.



## London Lines Replacement Project Virtual Open House



### Ontario Energy Board (OEB) Review and Approval Process

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

- 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](http://www.ontarioenergyboard.ca)

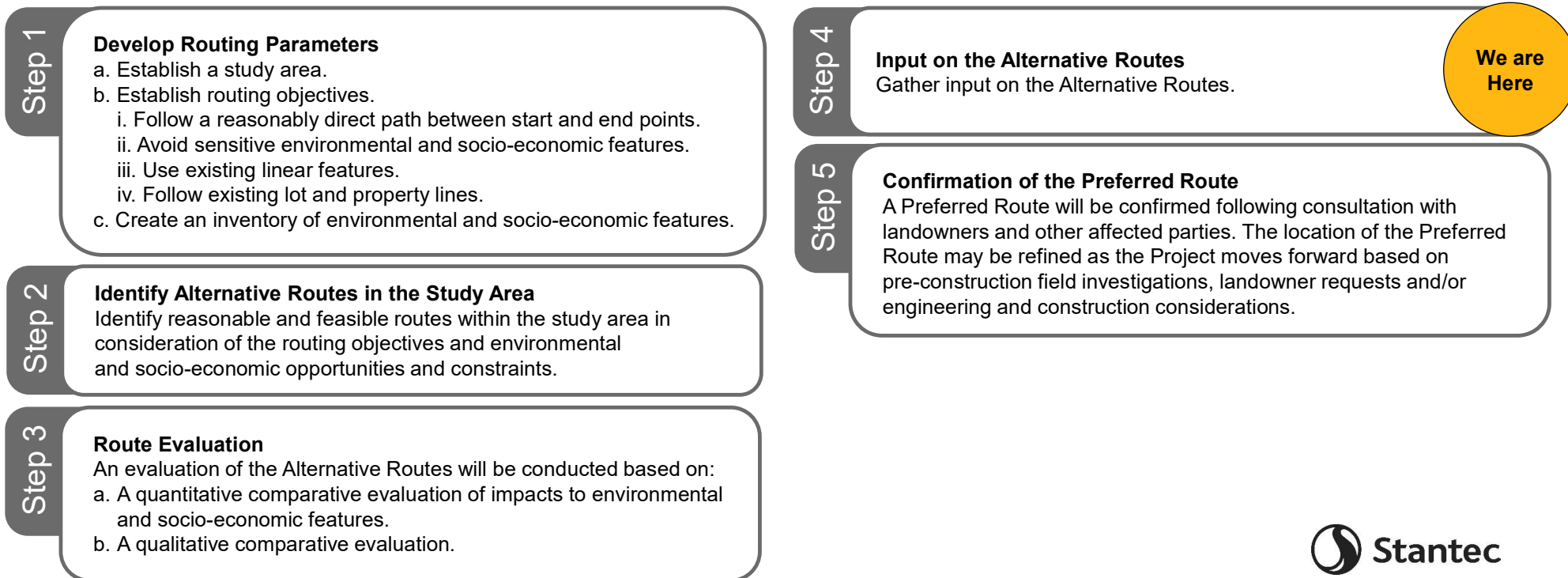


# London Lines Replacement Project Virtual Open House



## Preferred Route selection process

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





## London Lines Replacement Project Virtual Open House



### Route Evaluation Methodology

- Study Area pipeline routing constraints include natural heritage features, slope, topography, and socio-economic features and landscapes.
- A GIS routing exercise was undertaken that examined all mapped routing constraints and opportunities to generate alternative segments.
- The alternative segments follow existing linear infrastructure such as road easements 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:

<https://stantec.maps.arcgis.com/apps/webappviewer/index.html?id=08cbf589324748f598206747f7665976>

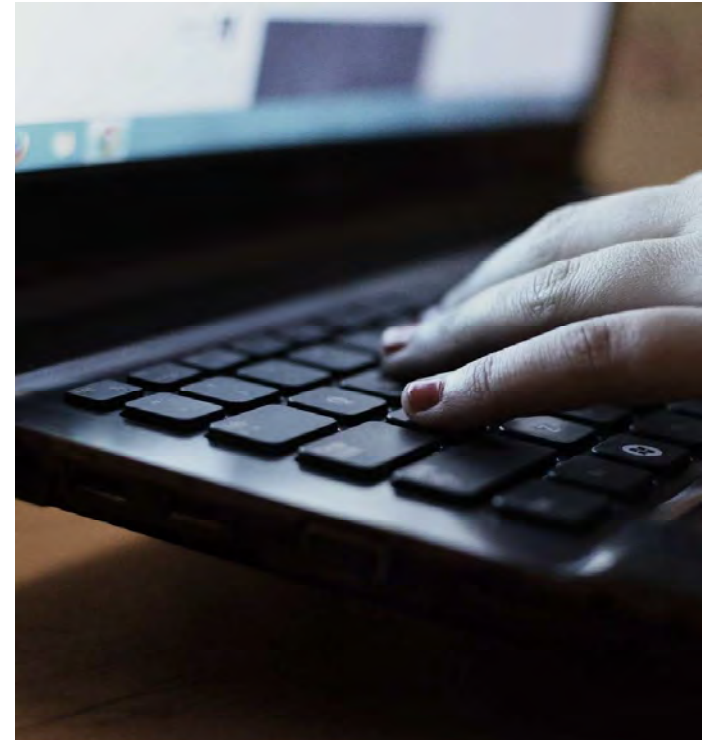


## London Lines Replacement Project Virtual Open House

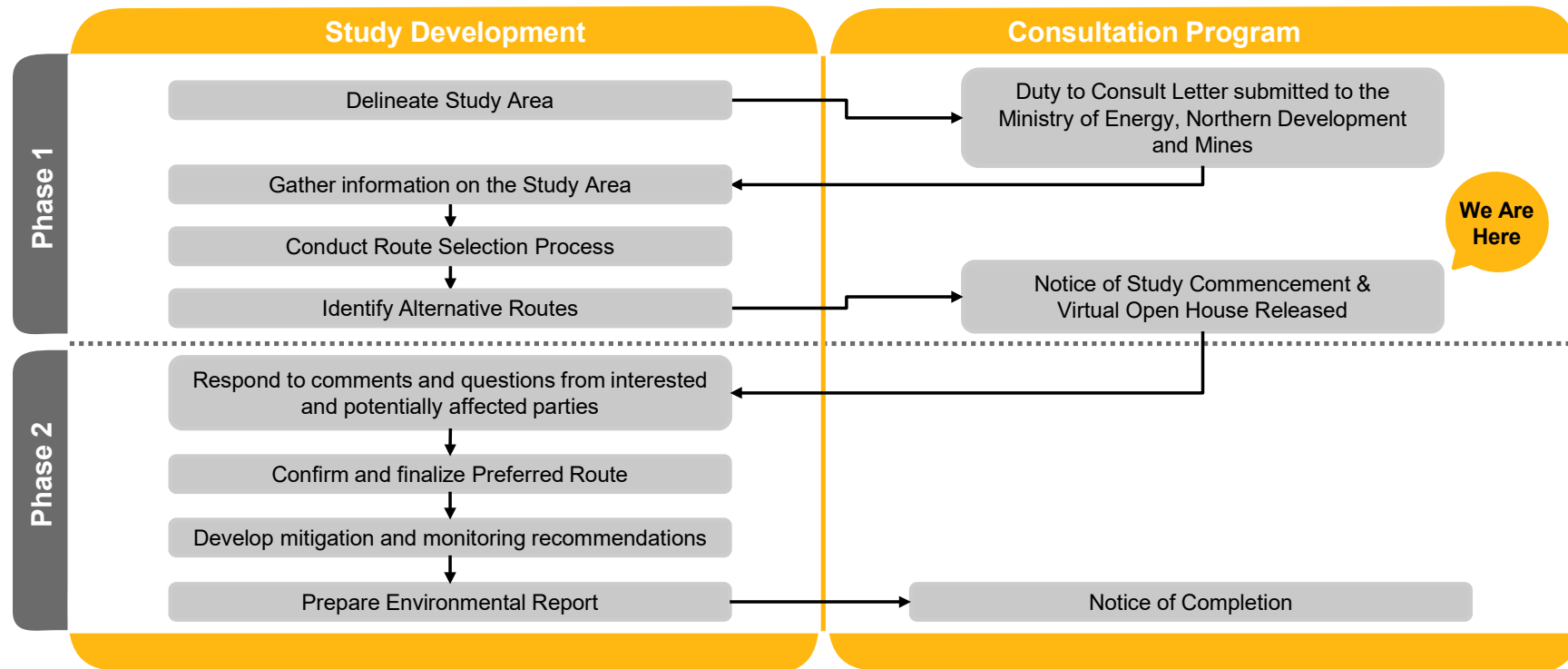


### Consultation

- Consultation is a key component of the Environmental Report.
- The consultation program helps identify and address 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.



## London Lines Replacement Project Virtual Open House



### Environmental Study Process



## London Lines Replacement Project Virtual Open House



### Indigenous People Policy

Enbridge 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 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 commits to pursue sustainable relationships with Indigenous Nations and groups in proximity to where Enbridge 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.



## London Lines Replacement Project Virtual Open House



## Environment, Health and Safety Policy

### Our commitment

- Enbridge is committed to protecting the health and safety of all individuals affected by our activities.
- Enbridge 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 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.



## London Lines Replacement Project Virtual Open House



### Access and Land Requirements

- Once a preferred route is selected, an Enbridge Land Agent will begin discussions with landowners for the appropriate land rights necessary for the construction, decommission and/or removal of the pipeline.
- Enbridge is committed to working with all directly affected landowners in anticipation of acquiring early access agreements in order to gather essential information, including but not limited to, land survey data, environmental, archaeological and property site features, along with negotiating the necessary land rights.
- These land rights will consist of permanent easements and/or temporary land rights. The temporary land rights are only required during project construction activities.
- Enbridge will ensure that a Land Agent is available to each landowner during all pipeline construction activities.
- The Land Agent will keep all landowners informed of the progress of the project and assist with any concerns that may arise as a result of the construction activities.



## London Lines Replacement Project Virtual Open House



### Agricultural Soils

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

- 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 Gas 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.
- Any agricultural drainage systems impacted by construction will be repaired.
- 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 work space necessary for construction of the project will be staked at regular intervals.
- A post-construction cover crop program will be available to landowners.





## London Lines Replacement Project Virtual Open House



### Maintaining Agricultural Drainage Systems

- Landowners will be contacted prior to construction to confirm the location and type of existing drains. Any future drainage plans will also be discussed with the landowner.
- Field tile will be temporarily re-routed during pre-construction activities where required to ensure proper drainage during construction.
- Damaged and severed drains will be repaired following construction. After repair and prior to backfilling, landowners will be invited to inspect and approve the repair. Any on-going field tile issues resulting from pipeline construction will be addressed by Enbridge Gas as required.





## London Lines Replacement Project Virtual Open House



### Socio-economic Features

The project will be constructed through road right of way, private business areas, agricultural and residential land, along with land regulated by both Canadian Pacific and Canadian National Railways, and land regulated by Hydro One, Lower Thames Valley Conservation Authority, St. Clair Region Conservation Authority, and Upper Thames River 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 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).



## London Lines Replacement Project Virtual Open House



### Aquatic Resources

Enbridge understands the importance of protecting wildlife during construction and therefore will implement recognized mitigation measures to minimize possible environmental effects.

#### Potential Effects

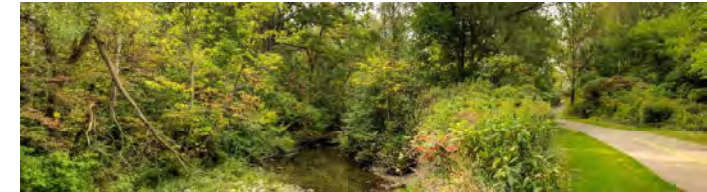
- Disruption and alteration to aquatic species and habitat and/or nuisance effects.
- Increased erosion, sedimentation, and turbidity resulting from removal of vegetation.

#### Example Mitigation Measures

- Conduct surveys of waterbodies.
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- Limit in-channel construction, where possible, and conform to fish timing window guidelines.
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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.

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- Archaeological assessment of the construction right-of-way, with review and comment from the Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI).
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## London Lines Replacement Project Virtual Open House



### Terrestrial Resources

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

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- Damage or removal of vegetation and wildlife habitat adjacent to the construction area.
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- Conduct surveys (including Species at Risk surveys) in advance of construction to determine opportunities for wildlife habitat to exist.
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## London Lines Replacement Project Virtual Open House



### Pipeline Construction

1. **Site Preparation:** The first crew to enter the construction site is typically the survey and staking crew who delineate the boundaries of the construction area. When required safety fence is installed at the edge of the construction area where public safety considerations are necessary, and aspects of the traffic management plan are implemented (i.e., signs, vehicle access).
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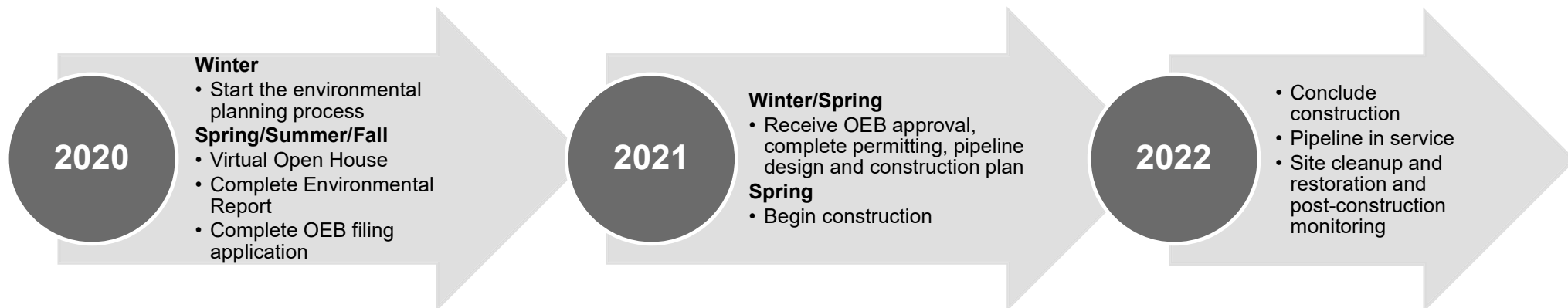


## London Lines Replacement Project Virtual Open House



### Next Steps

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



## London Lines Replacement Project Virtual Open House



### 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.

#### **Kelsey Mills**

Environmental Advisor  
Enbridge Gas Inc.  
101 Honda Boulevard  
Markham, ON L6C 0M6  
Phone: (519) 780-8186  
Email: LondonLines@Stantec.com

#### **Rooly Georgopoulos**

Senior Project Manager  
Stantec Consulting Ltd.  
300-675 Cochrane Drive, West Tower  
Markham, ON L3R 0B8  
Phone: (519) 780-8186  
Email: LondonLines@Stantec.com

For more information about the proposed project, please visit our project website at:  
<https://www.enbridgegas.com/About-Us> under "Projects"





**From:** [Georgopoulos, Rooly](#)  
**To:** [chief@caldwellfirstnation.ca](#)  
**Cc:** [Ken.McCorkle@enbridge.com](#); [Kelsey.Mills@enbridge.com](#); [LondonLines](#); [Hartwig, Emily](#); [Lauren Whitwham](#)  
**Subject:** RE: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)  
**Date:** Wednesday, April 29, 2020 1:13:29 PM  
**Attachments:** [51170\\_LLRP-Virtual-Open-House\\_20200416\\_fnl.pdf](#)

---

Good afternoon, I apologize for the multiple emails, but it has been brought to my attention that the Virtual Open House Presentation Boards that I attached to my last email could not be opened. Please see attached updated version of the Virtual Open House Presentation Boards for the London Lines Replacement Project.

Regards,  
 Rooly

**Rooly Georgopoulos** B.Sc.,  
 Senior Associate

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 Mobile: 416-729-2300  
 Fax: 905-474-9889  
[rooly.georgopoulos@stantec.com](mailto:rooly.georgopoulos@stantec.com)

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Stantec



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---

**From:** Georgopoulos, Rooly <[Rooly.Georgopoulos@stantec.com](mailto:Rooly.Georgopoulos@stantec.com)>  
**Sent:** Wednesday, April 29, 2020 11:45 AM  
**To:** [chief@caldwellfirstnation.ca](mailto:chief@caldwellfirstnation.ca)  
**Cc:** [Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com); [Kelsey.Mills@enbridge.com](mailto:Kelsey.Mills@enbridge.com); [LondonLines](#) <[LondonLines@stantec.com](mailto:LondonLines@stantec.com)>; [Emily.Hartwig@stantec.com](mailto:Emily.Hartwig@stantec.com); [Lauren Whitwham](mailto:Lauren.Whitwham@enbridge.com) <[Lauren.Whitwham@enbridge.com](mailto:Lauren.Whitwham@enbridge.com)>  
**Subject:** RE: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

**Sent on behalf of Ken McCorkle (Enbridge Gas Inc.)**

Good morning,

Please find attached the Virtual Open House Presentation Boards and associated script for the London Lines Replacement Project.

Regards,

Rooley

**Rooley Georgopoulos** B.Sc.,  
Senior Associate

Direct: 905-415-6367

Mobile: 416-729-2300

Fax: 905-474-9889

[rooley.georgopoulos@stantec.com](mailto:rooley.georgopoulos@stantec.com)

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---

**From:** Hartwig, Emily <[Emily.Hartwig@stantec.com](mailto:Emily.Hartwig@stantec.com)>

**Sent:** Wednesday, April 8, 2020 6:52 PM

**To:** [chief@caldwellfirstnation.ca](mailto:chief@caldwellfirstnation.ca)

**Cc:** [Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com); Georgopoulos, Rooley <[Rooley.Georgopoulos@stantec.com](mailto:Rooley.Georgopoulos@stantec.com)>;  
[Kelsey.Mills@enbridge.com](mailto:Kelsey.Mills@enbridge.com); LondonLines <[LondonLines@stantec.com](mailto:LondonLines@stantec.com)>

**Subject:** Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

**Sent on behalf of Ken McCorkle (Enbridge Gas Inc.)**

---

Good evening,

Please find attached a Notice of Commencement and Virtual Open House regarding the Enbridge Gas Inc. ("Enbridge") London Lines Replacement Project (LLRP).

Regards,

**Emily Hartwig** B.Sc., EP.

Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

Mobile: 226 979-4457

[Emily.Hartwig@stantec.com](mailto:Emily.Hartwig@stantec.com)

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## London Lines Replacement 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 (see the Resources tab).
- If you would like to receive future Project updates, please complete the "Contact Information" section of the questionnaire.

### Our commitment

- Enbridge is committed to involving community members
- We will provide up-to-date information in an open, honest and respectful manner, and will carefully consider your input.
- Enbridge provides safe and reliable delivery of natural gas to more than 3.7 million residential, commercial, and industrial customers across Ontario.
- Enbridge is committed to environmental stewardship and conducts all of its operations in an environmentally responsible manner.



## London Lines Replacement Project Virtual Open House



### Project Overview

- Approximately 75 kilometers (km) of 8-inch, high pressure, steel, natural gas pipeline, and a secondary 10.5 km, 8-inch pipeline to connect the Town of Strathroy.
- Will replace the two current pipelines known collectively as the London Lines.
- Start within the Township of Dawn-Euphemia and will continue through the Municipality of Southwest Middlesex and will end at two locations: within the Municipality of Middlesex Centre; and at a proposed new station in the Municipality of Strathroy-Caradoc.
- If approved by the Ontario Energy Board (OEB), construction of the proposed pipeline is planned to begin as early as spring 2021 and be in service by the end of 2021.



## London Lines Replacement Project Virtual Open House



### 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, the public, and regulatory authorities regarding the proposed Preferred Route, 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 and Stantec.



## London Lines Replacement Project Virtual Open House



### 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 consultation 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.



## London Lines Replacement Project Virtual Open House



### Ontario Energy Board (OEB) Review and Approval Process

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

- 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](http://www.ontarioenergyboard.ca)



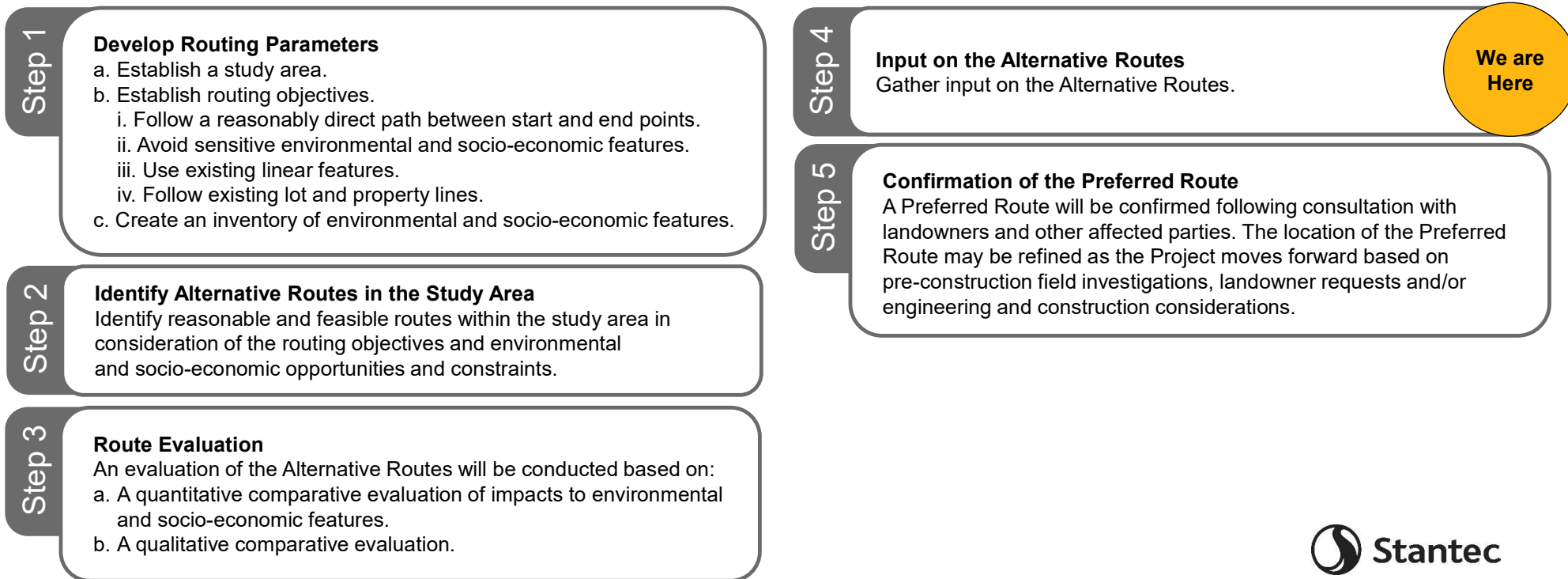


# London Lines Replacement Project Virtual Open House



## Preferred Route selection process

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



## London Lines Replacement Project Virtual Open House



### Route Evaluation Methodology

- Study Area pipeline routing constraints include natural heritage features, slope, topography, and socio-economic features and landscapes.
- A GIS routing exercise was undertaken that examined all mapped routing constraints and opportunities to generate alternative segments.
- The alternative segments follow existing linear infrastructure such as road easements 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:

<https://stantec.maps.arcgis.com/apps/webappviewer/index.html?id=08cbf589324748f598206747f7665976>

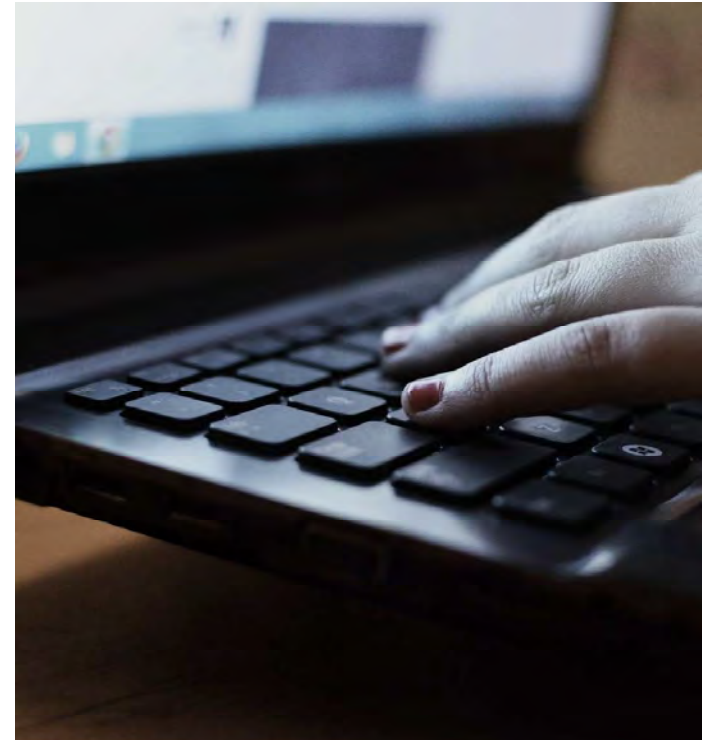


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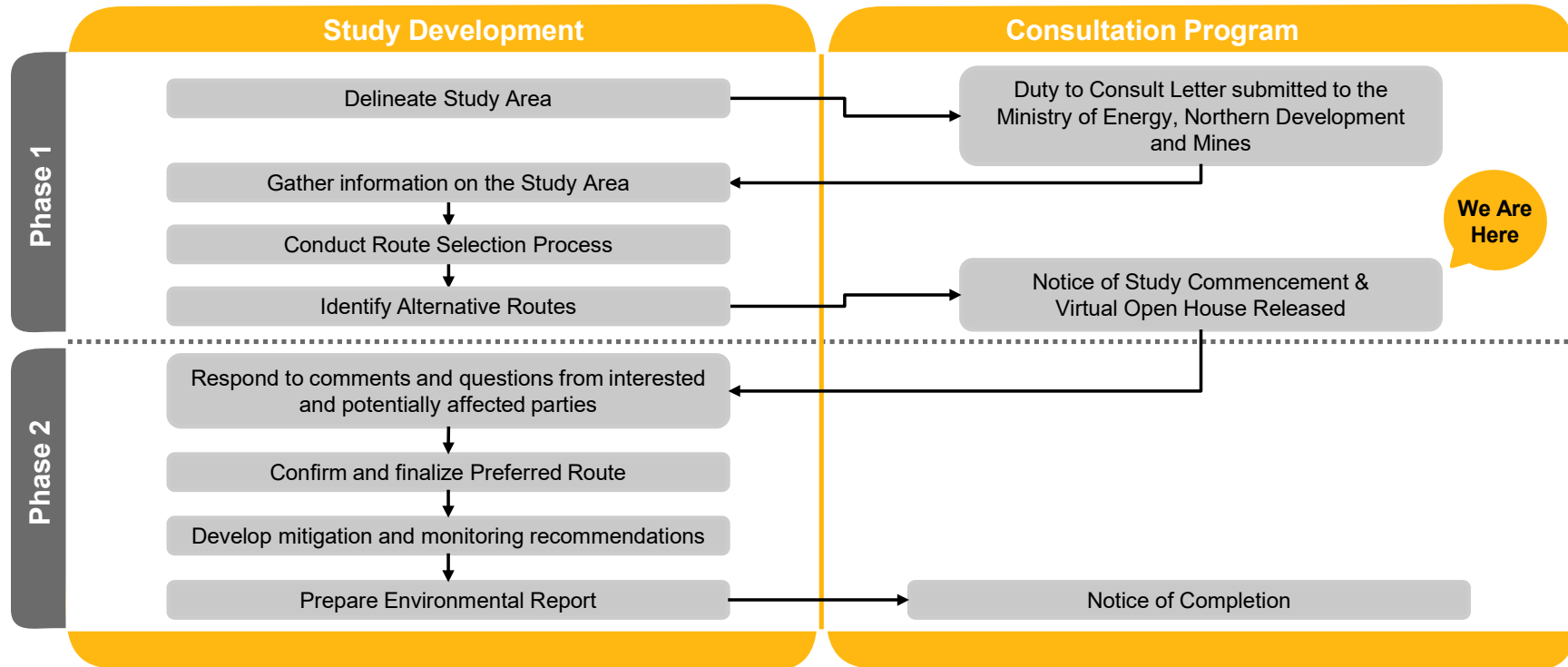


### Consultation

- Consultation is a key component of the Environmental Report.
- The consultation program helps identify and address 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.



## London Lines Replacement Project Virtual Open House



## Environmental Study Process



## London Lines Replacement Project Virtual Open House



### Indigenous People Policy

Enbridge 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 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 commits to pursue sustainable relationships with Indigenous Nations and groups in proximity to where Enbridge 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.



## London Lines Replacement Project Virtual Open House



### Environment, Health and Safety Policy

#### Our commitment

- Enbridge is committed to protecting the health and safety of all individuals affected by our activities.
- Enbridge 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 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.



## London Lines Replacement Project Virtual Open House



### Access and Land Requirements

- Once a preferred route is selected, an Enbridge Land Agent will begin discussions with landowners for the appropriate land rights necessary for the construction, decommission and/or removal of the pipeline.
- Enbridge is committed to working with all directly affected landowners in anticipation of acquiring early access agreements in order to gather essential information, including but not limited to, land survey data, environmental, archaeological and property site features, along with negotiating the necessary land rights.
- These land rights will consist of permanent easements and/or temporary land rights. The temporary land rights are only required during project construction activities.
- Enbridge will ensure that a Land Agent is available to each landowner during all pipeline construction activities.
- The Land Agent will keep all landowners informed of the progress of the project and assist with any concerns that may arise as a result of the construction activities.





## London Lines Replacement Project Virtual Open House



### Agricultural Soils

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

- 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.
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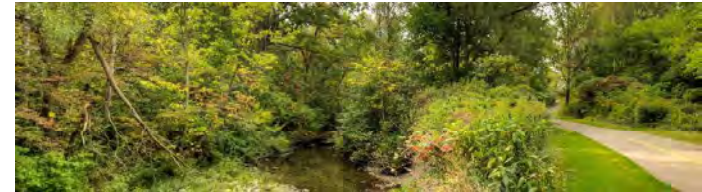
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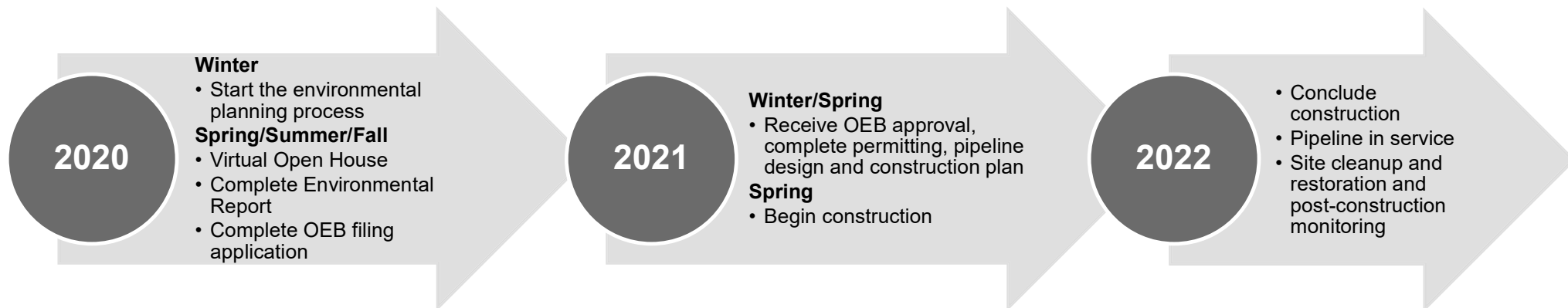


## London Lines Replacement Project Virtual Open House



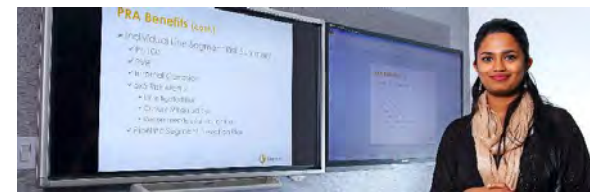
### Next Steps

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





## London Lines Replacement Project Virtual Open House



### 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.

#### **Kelsey Mills**

Environmental Advisor  
Enbridge Gas Inc.  
101 Honda Boulevard  
Markham, ON L6C 0M6  
Phone: (519) 780-8186  
Email: LondonLines@Stantec.com

#### **Rooly Georgopoulos**

Senior Project Manager  
Stantec Consulting Ltd.  
300-675 Cochrane Drive, West Tower  
Markham, ON L3R 0B8  
Phone: (519) 780-8186  
Email: LondonLines@Stantec.com

For more information about the proposed project, please visit our project website at:  
<https://www.enbridgegas.com/About-Us> under "Projects"



**From:** [Nikki van Oirschot](#)  
**To:** [Lauren Whitwham](#)  
**Cc:** [Ken McCorkle](#); [LondonLines](#)  
**Subject:** RE: Enbridge Gas London Lines Project: Open House and Alternative Route  
**Date:** Friday, May 15, 2020 1:11:04 PM

---

Confirming receipt of email.

Miigwech (Thank you),

*Nikki van Oirschot "Mashkawizii Nendamowin Kwe"* (she/her)

Director of Operations  
 Caldwell First Nation  
 14 Orange Street | Leamington, ON N8H 1P5  
 Phone: 519-322-1766 | Mobile: 226-236-1108  
[caldwellfirstnation.ca](http://caldwellfirstnation.ca)

---

**From:** Lauren Whitwham <[Lauren.Whitwham@enbridge.com](mailto:Lauren.Whitwham@enbridge.com)>  
**Sent:** Friday, May 15, 2020 10:00 AM  
**To:** [nikki.orosz@caldwellfirstnation.ca](mailto:nikki.orosz@caldwellfirstnation.ca)  
**Cc:** Ken McCorkle <[Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com)>; [londonlines@stantec.com](mailto:londonlines@stantec.com)  
**Subject:** Enbridge Gas London Lines Project: Open House and Alternative Route

Good morning,

We hope this finds you and your family well.

I am following up with you on the Enbridge Gas London Lines Project on two topics.

First, we just wanted to follow up to confirm if you were able to access and view the VOH (Virtual Open House) for the London Lines Project? If you had any comments or would like more follow up please do not hesitate to contact us. We will be in contact with you regarding an opportunity for you to participate in monitoring on site for the Archaeological and Environmental surveys.

Secondly, I have attached a Notice of Project Change on the Enbridge Gas London Lines Project. For this Project, a third and fourth alternate route have been identified and included for consideration ("Strathroy Alternate 3" and "Strathroy Alternate 4") for the secondary pipeline to the community of Strathroy.

Stantec is request that any questions and/or comments regarding the Notice of Project Change or the proposed project be sent to them by May 29, 2020. The contact information for Stantec is also in the attachment.

If you have any questions or concerns about these two items, please feel free to reach out to Ken McCorkle or myself and we would be happy to assist.

We hope you enjoy the long weekend and take care.

Many thanks,  
Lauren

**Lauren Whitwham**

**Analyst, Indigenous, Municipal Affairs & Stakeholder Relation**

---

**ENBRIDGE GAS INC.**

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | [lauren.whitwham@enbridge.com](mailto:lauren.whitwham@enbridge.com)  
109 Commissioners Road West, London, ON N6A4P1

**Safety. Integrity. Respect.**

**From:** [Lauren Whitwham](#)  
**To:** [nikki.orosz@caldwellfirstnation.ca](mailto:nikki.orosz@caldwellfirstnation.ca)  
**Cc:** [Ken McCorkle](#); [LondonLines](#)  
**Subject:** Enbridge Gas London Lines Project: Open House and Alternative Route  
**Date:** Friday, May 15, 2020 10:01:24 AM  
**Attachments:** [let\\_160951170\\_Caldwell\\_Notice-of-Change\\_20200513\\_fnl.pdf](#)

---

Good morning,

We hope this finds you and your family well.

I am following up with you on the Enbridge Gas London Lines Project on two topics.

First, we just wanted to follow up to confirm if you were able to access and view the VOH (Virtual Open House) for the London Lines Project? If you had any comments or would like more follow up please do not hesitate to contact us. We will be in contact with you regarding an opportunity for you to participate in monitoring on site for the Archaeological and Environmental surveys.

Secondly, I have attached a Notice of Project Change on the Enbridge Gas London Lines Project. For this Project, a third and fourth alternate route have been identified and included for consideration ("Strathroy Alternate 3" and "Strathroy Alternate 4") for the secondary pipeline to the community of Strathroy.

Stantec is request that any questions and/or comments regarding the Notice of Project Change or the proposed project be sent to them by May 29, 2020. The contact information for Stantec is also in the attachment.

If you have any questions or concerns about these two items, please feel free to reach out to Ken McCorkle or myself and we would be happy to assist.

We hope you enjoy the long weekend and take care.

Many thanks,  
Lauren

**Lauren Whitwham**

Analyst, Indigenous, Municipal Affairs & Stakeholder Relation

—

**ENBRIDGE GAS INC.**

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | [lauren.whitwham@enbridge.com](mailto:lauren.whitwham@enbridge.com)  
109 Commissioners Road West, London, ON N6A4P1

**Safety. Integrity. Respect.**



**Stantec Consulting Ltd.**  
300W-675 Cochrane Drive, Markham ON L3R 0B8



May 13, 2020

**Caldwell First Nation**  
14 Orange Street  
Leamington, ON N8H 1P5

Dear Sir/Madam,

**Reference: Enbridge Gas Inc. – London Lines Replacement Project: Notice of Project Change**

Enbridge Gas Inc. (Enbridge) is proposing to replace a section of natural gas pipeline known as the London Lines in order to improve the integrity of the pipeline network and to increase system flexibility, as indicated in Enbridge's notification on April 8, 2020. The London Lines Replacement Project (LLRP) will include the construction of approximately 75 kilometers (km) of 8-inch, high pressure natural gas pipeline. This will replace the two current pipelines known collectively as the London Lines. The LLRP will also include the construction of approximately 10.5 km of a secondary 8-inch pipeline which will connect the replaced pipeline to the community of Strathroy.

**You are receiving this letter because a third and fourth alternate route have been identified and included for consideration ("Strathroy Alternate 3" and "Strathroy Alternate 4") for the secondary pipeline to the community of Strathroy.** For more details, please refer to the attached map.

As part of the planning process, Enbridge has retained Stantec Consulting Ltd. (Stantec) to undertake an Environmental Study of the construction and operation for the proposed natural gas pipeline. The Environmental Study will fulfill the requirements of the Ontario Energy Board's (OEB) "Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)".

An Environmental Report, summarizing the results of the Environmental Study, will accompany Enbridge's application to the OEB as part of their Leave to Construct (LTC) application. The Environmental Report for the proposed project is anticipated to be completed by summer 2020. The OEB's review and approval is required before construction of the Project can proceed. If approved, construction of the pipeline is anticipated to begin in Spring/Summer 2021.

We request that any questions and/or comments regarding the Notice of Project Change or the proposed project be sent to the following contacts by May 29, 2020.

Yours truly,

**Stantec Consulting Ltd.**

**Rooy Georgopoulos** B.Sc.  
Senior Associate, Senior Project Manager  
Phone: (519) 780-8186  
LondonLines@stantec.com




Attachment: Figure 1: London Lines Replacement Project

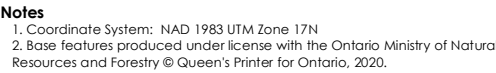
c. Kelsey Mills, Environmental Advisor, Enbridge Gas Inc.

Design with community in mind





-  Existing / Alternative Route
-  Alternative Segments
-  Strathroy Alternate 1
-  Strathroy Alternate 2
-  Strathroy Alternate 3
-  Strathroy Alternate 4
-  Strathroy Alternatives Buffer 500m
-  Expressway / Highway
-  Major Road
-  Minor Road
-  Municipal Boundary, Lower



Project Location 160951031 REV4  
Counties of Lambton and  
Middlesex Prepared by SPE on 2020-05-12

Client/Project  
ENBRIDGE GAS INC

Figure No.	<b>1</b>
Title	<b>London Lines Replacement Project</b>





**From:** [Lauren Whitwham](#)  
**To:** [jfrench@cottfn.com](mailto:jfrench@cottfn.com); [kriley@cottfn.com](mailto:kriley@cottfn.com); [fburch@cottfn.com](mailto:fburch@cottfn.com)  
**Cc:** [Ken McCorkle](#); [LondonLines](#)  
**Subject:** FW: Enbridge Gas London Lines Project  
**Date:** Monday, March 9, 2020 2:09:37 PM  
**Attachments:** [London Lines map.pdf](#)

---

Good afternoon,

Further to the email below, please find attached an updated map of the route for the Project.

We look forward to working with you on this project.

Thank you,  
 Lauren

### Lauren Whitwham

Analyst, Indigenous, Municipal Affairs & Stakeholder Relation

#### ENBRIDGE GAS INC.

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | [lauren.whitwham@enbridge.com](mailto:lauren.whitwham@enbridge.com)  
 109 Commissioners Road West, London, ON N6A4P1

Safety. Integrity. Respect.

---

**From:** Lauren Whitwham  
**Sent:** Wednesday, February 26, 2020 2:58 PM  
**To:** 'jfrench@cottfn.com' <jfrench@cottfn.com>; 'kriley@cottfn.com' <kriley@cottfn.com>; 'fburch@cottfn.com' <fburch@cottfn.com>  
**Cc:** Ken McCorkle <Ken.McCorkle@enbridge.com>  
**Subject:** Enbridge Gas London Lines Project

Good afternoon Chief French,

Please find attached our notification letter and map for the Enbridge Gas Inc. London Lines Project.

-

We would like to set up a time to come to speak with your environment/consultation committee to discuss the project and provide you with details. Please reach out to Ken McCorkle to arrange for a time for discussion.

We look forward to working with you on this project.

Thank you,  
 Lauren

Lauren Whitwham

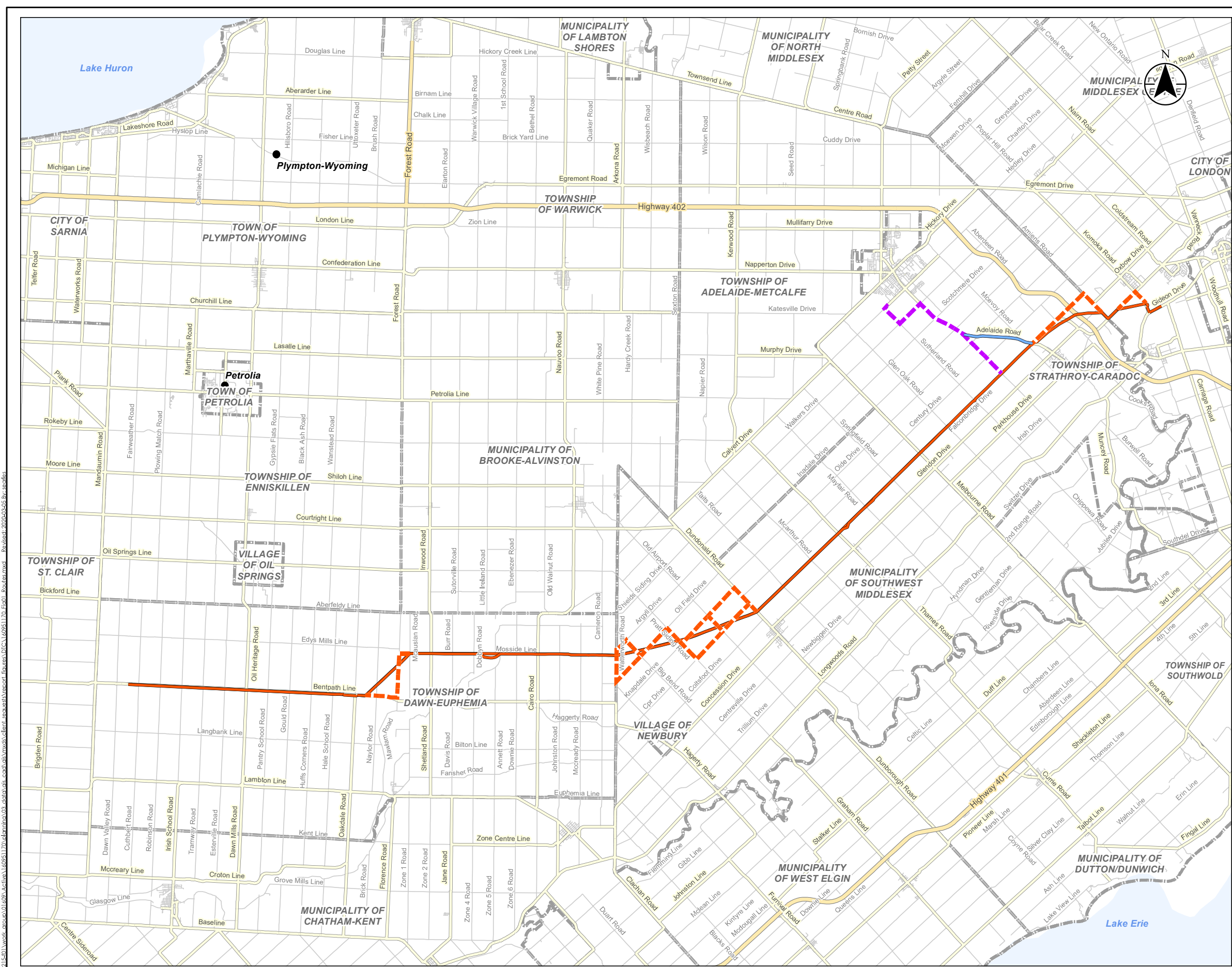
**Analyst, Indigenous, Municipal Affairs & Stakeholder Relation**

—

**ENBRIDGE GAS INC.**

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | [lauren.whitwham@enbridge.com](mailto:lauren.whitwham@enbridge.com)  
109 Commissioners Road West, London, ON N6A4P1

**Safety. Integrity. Respect.**



- Legend**
- Existing / Alternative Route
  - Alternative Segments
  - Strathroy Alternate 1
  - Strathroy Alternate 2
  - Expressway / Highway
  - Major Road
  - Minor Road
  - Municipal Boundary, Lower

0 2 4 6 8 10 12 km

1:250,000 (At original document size of 11x17)

- Notes**
- Coordinate System: NAD 1983 UTM Zone 17N
  - Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2020.



Project Location  
Counties of Lambton and Middlesex

160951031 REV4  
Prepared by SPE on 2020-03-05

Client/Project  
ENBRIDGE GAS INC.

Figure No.  
**1**

Title  
**London Lines Replacement Project**



**From:** [Hartwig, Emily](#)  
**To:** ["jfrench@cottfn.com"](#)  
**Cc:** ["Ken.McCorkle@enbridge.com"](#); [Georgopoulos, Rooly](#); ["Kelsey.Mills@enbridge.com"](#); ["londonlines@stantec.com"](#)  
**Subject:** Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)  
**Date:** Wednesday, April 8, 2020 6:51:00 PM  
**Attachments:** [let\\_160951170\\_Indigenous\\_NoC-VOH\\_JFrench\\_2020-04-08\\_fnl.pdf](#)

---

**Sent on behalf of Ken McCorkle (Enbridge Gas Inc.)**

---

Good evening,

Please find attached a Notice of Commencement and Virtual Open House regarding the Enbridge Gas Inc. ("Enbridge") London Lines Replacement Project (LLRP).

Regards,

**Emily Hartwig** B.Sc., EP.

Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

Mobile: 226 979-4457

[Emily.Hartwig@stantec.com](mailto:Emily.Hartwig@stantec.com)

Stantec

1-70 Southgate Drive

Guelph ON N1G 4P5



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**Stantec Consulting Ltd.**  
300W-675 Cochrane Drive Markham, ON L3R 0B8



April 8, 2020

**Attention: Chief Jacqueline French,**  
Chippewas of the Thames First Nation  
320 Chippewa Road  
Muncey ON N0N 1Y0

Dear Chief French,

**Reference: Enbridge Gas – London Lines Replacement Project, Notice of Project Commencement and Virtual Open House**

Enbridge Gas is proposing to replace a section of natural gas pipeline in order to improve the integrity of the pipeline network and to increase system flexibility. All current services will be maintained as a result of this project.

The London Lines Replacement Project (LLRP) will include the construction of approximately 75 kilometers (km) of 8-inch, high pressure natural gas pipeline. This will replace the two current pipelines known collectively as the London Lines. The LLRP will also include the construction of 10.5 km of a secondary 8-inch pipeline which will connect the replaced pipeline to the community of Strathroy. The LLRP will start within the Township of Dawn-Euphemia near Oil Heritage Road and Bentpath Lane. The pipeline project will continue through the municipality of Southwest Middlesex and will end at two locations: within the Municipality of Middlesex Centre at Komoka Road and Glendon Drive; and at a proposed new station at Calvert Drive and Sutherland Road in the Municipality of Strathroy-Caradoc. The general location and study area of the proposed pipeline is shown on the attached map.

As part of the planning process, Enbridge Gas has retained Stantec Consulting Ltd. (Stantec) to undertake an Environmental Study of the construction and operation for the proposed natural gas pipeline. The Environmental Study will fulfill the requirements of the Ontario Energy Board's (OEB) "Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)".

An Environmental Report, summarizing the results of the Environmental Study, will accompany Enbridge's application to the OEB as part of their Leave to Construct (LTC) application. The Environmental Report for the proposed project is anticipated to be completed by early summer 2020. The OEB's review and approval is required before construction of the Project can proceed. If approved, construction of the pipeline is anticipated to begin in Spring/Summer 2021.

Chippewas of the Thames First Nation is invited to provide comments regarding the proposed pipeline. Specifically, Stantec is seeking information about any adverse impacts that the proposed project may have on constitutionally protected Aboriginal or treaty rights and any measures for mitigating those adverse impacts.

Stantec is presently compiling an environmental, socio-economic, and archaeological/cultural heritage inventory of the Environmental Study Area. As an Indigenous community with a potential interest in developments in that area, you are invited to provide or coordinate comments regarding the proposed pipeline.

As part of the Environmental Study, Enbridge is in the process of contacting the following agencies:

- Indigenous and Northern Affairs Canada; and
- Ontario Ministry of Indigenous Relations and Reconciliation.



April 8, 2020  
Page 2 of 2



**Reference: Enbridge Gas Distribution Inc. – London Lines Replacement Project, Notice of Project Commencement and Information Session**

Public consultation with Indigenous communities, landowners, government agencies, current customers serviced by the London Lines, the general public, and other interested persons is an integral component of the planning process. As a result of the social distancing requirements set out by the Government of Canada and the Province of Ontario due to **COVID-19**, a Virtual Open House will be held in place of an in-person Open House regarding the proposed LLRP. The Virtual Open House will be available beginning on **April 20, 2020** at 9:00 am EST until **May 1, 2020** at 5:00 pm EST at:

[www.solutions.ca/LondonLines](http://www.solutions.ca/LondonLines)

*If you are unable to log onto the Virtual Open House between April 20 and May 1, please dial (519) 780-8186, leave a message with your contact information, and we will respond as soon as possible.*

There will be a questionnaire available at the end of the presentation and you will have the ability to submit comments and/or questions about the proposed LLRP, including proposed routes, design and the anticipated project schedule during the presentation. In addition, a copy of the open house story boards will be available to download. Input received will be used to inform the selection of the preferred pipeline route, and to develop site specific environmental protection or mitigation measures for the Project.

If you have questions or concerns regarding the Project, please do not hesitate to contact the undersigned.

Regards,

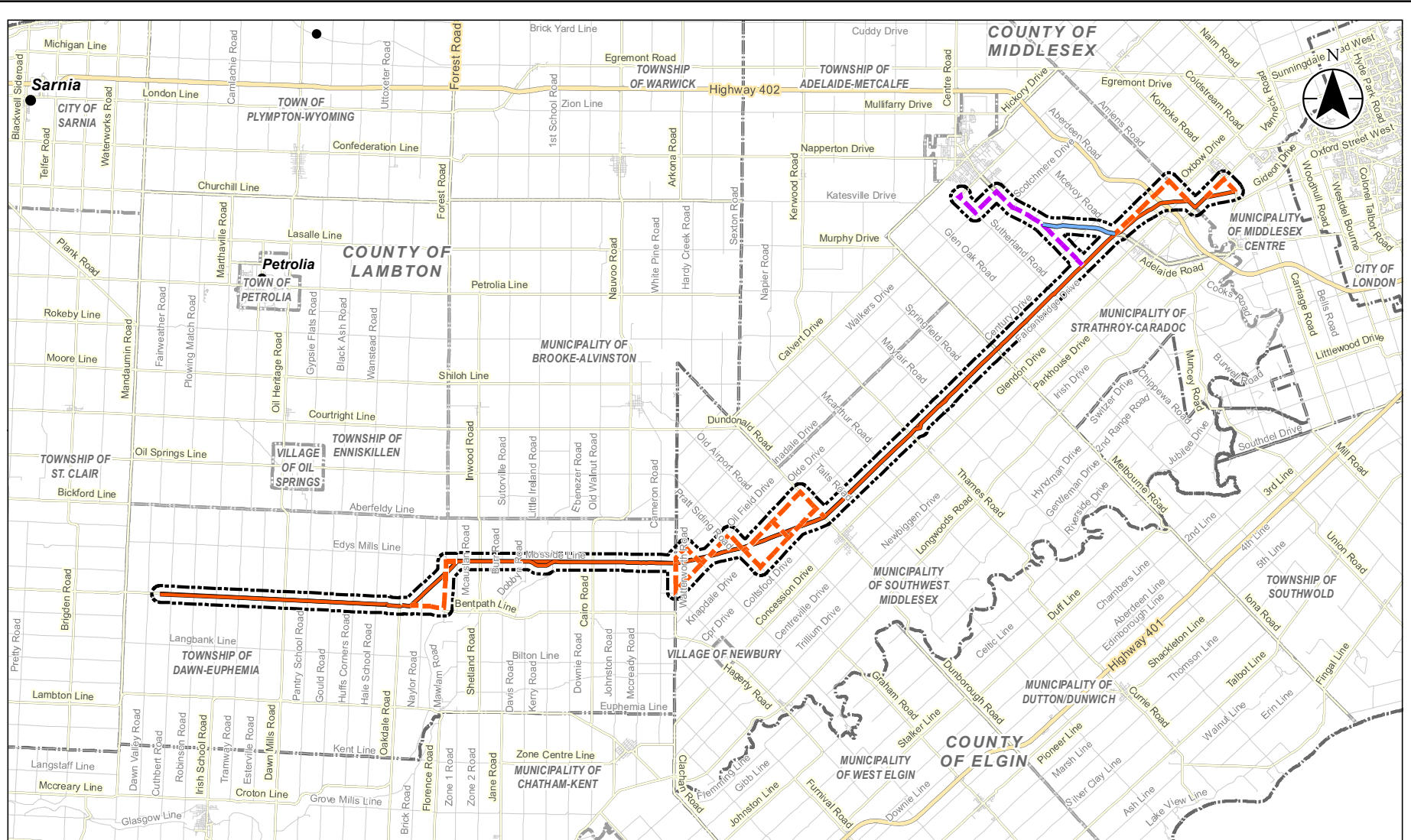
**ENBRIDGE GAS INC.**

**Ken McCorkle**  
Senior Advisor, Indigenous Affairs  
Enbridge Gas Inc.  
50 Keil Drive North  
Chatham, ON, N7M 5M1  
PH: 519-436-4600 ext. 5002243  
Cell: 519-365-0584  
Ken.McCorkle@enbridge.com

Attachment: Figure 1: London Lines Replacement Project

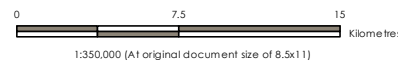
- c. Kelsey Mills, Sr. Environmental Analyst, Enbridge Gas Inc.  
Rooley Georgopoulos, Senior Project Manager, Stantec Consulting Ltd.





#### Legend

- Existing / Alternative Route
- Alternative Segments
- Strathroy Alternate 1
- Strathroy Alternate 2
- Study Area
- Municipal Boundary, Upper
- Municipal Boundary, Lower



**Notes**  
 1. Coordinate System: NAD 1983 UTM Zone 17N  
 2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2018.

Project Location  
 Counties of Lambton and Middlesex, ON  
 160951031 REVA  
 Prepared by SPE on 2020-04-08

Client/Project  
 ENBRIDGE GAS INC.

Figure No.  
 1  
 Title  
**London Lines Replacement Project**



**From:** [Georgopoulos, Rooly](#)  
**To:** [jfrench@cottfn.com](mailto:jfrench@cottfn.com)  
**Cc:** [Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com); [Kelsey.Mills@enbridge.com](mailto:Kelsey.Mills@enbridge.com); [LondonLines](#); [Hartwig, Emily](#); [Lauren Whitwham](#)  
**Subject:** RE: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)  
**Date:** Wednesday, April 29, 2020 1:07:59 PM  
**Attachments:** [51170\\_LLRP-Virtual-Open-House\\_20200416\\_fnl.pdf](#)

---

Good afternoon, I apologize for the multiple emails, but it has been brought to my attention that the Virtual Open House Presentation Boards that I attached to my last email could not be opened. Please see attached updated version of the Virtual Open House Presentation Boards for the London Lines Replacement Project.

Regards,  
 Rooly

**Rooly Georgopoulos** B.Sc.,  
 Senior Associate

Direct: 905-415-6367  
 Mobile: 416-729-2300  
 Fax: 905-474-9889  
[rooly.georgopoulos@stantec.com](mailto:rooly.georgopoulos@stantec.com)

Stantec  
 300W-675 Cochrane Drive  
 Markham ON L3R 0B8

Stantec



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---

**From:** Georgopoulos, Rooly <[Rooly.Georgopoulos@stantec.com](mailto:Rooly.Georgopoulos@stantec.com)>  
**Sent:** Wednesday, April 29, 2020 11:50 AM  
**To:** [jfrench@cottfn.com](mailto:jfrench@cottfn.com)  
**Cc:** [Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com); [Kelsey.Mills@enbridge.com](mailto:Kelsey.Mills@enbridge.com); [LondonLines](#) <[LondonLines@stantec.com](mailto:LondonLines@stantec.com)>; [Hartwig, Emily](#) <[Emily.Hartwig@stantec.com](mailto:Emily.Hartwig@stantec.com)>; [Lauren Whitwham](#) <[Lauren.Whitwham@enbridge.com](mailto:Lauren.Whitwham@enbridge.com)>  
**Subject:** RE: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

**Sent on behalf of Ken McCorkle (Enbridge Gas Inc.)**

Good morning,

Please find attached the Virtual Open House Presentation Boards and associated script for the London Lines Replacement Project.

Regards,

Rooly

**Rooly Georgopoulos** B.Sc.,  
Senior Associate

Direct: 905-415-6367

Mobile: 416-729-2300

Fax: 905-474-9889

[rooly.georgopoulos@stantec.com](mailto:rooly.georgopoulos@stantec.com)

Stantec

300W-675 Cochrane Drive

Markham ON L3R 0B8

Stantec



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---

**From:** Hartwig, Emily <[Emily.Hartwig@stantec.com](mailto:Emily.Hartwig@stantec.com)>

**Sent:** Wednesday, April 8, 2020 6:52 PM

**To:** [jfrench@cottfn.com](mailto:jfrench@cottfn.com)

**Cc:** [Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com); Georgopoulos, Rooly <[Rooly.Georgopoulos@stantec.com](mailto:Rooly.Georgopoulos@stantec.com)>;  
[Kelsey.Mills@enbridge.com](mailto:Kelsey.Mills@enbridge.com); LondonLines <[LondonLines@stantec.com](mailto:LondonLines@stantec.com)>

**Subject:** Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

---

**Sent on behalf of Ken McCorkle (Enbridge Gas Inc.)**

Good evening,

Please find attached a Notice of Commencement and Virtual Open House regarding the Enbridge Gas Inc. ("Enbridge") London Lines Replacement Project (LLRP).

Regards,

**Emily Hartwig** B.Sc., EP.

Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

Mobile: 226 979-4457

[Emily.Hartwig@stantec.com](mailto:Emily.Hartwig@stantec.com)

Stantec

1-70 Southgate Drive

Guelph ON N1G 4P5





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## London Lines Replacement 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 (see the Resources tab).
- If you would like to receive future Project updates, please complete the "Contact Information" section of the questionnaire.

### Our commitment

- Enbridge is committed to involving community members
- We will provide up-to-date information in an open, honest and respectful manner, and will carefully consider your input.
- Enbridge provides safe and reliable delivery of natural gas to more than 3.7 million residential, commercial, and industrial customers across Ontario.
- Enbridge is committed to environmental stewardship and conducts all of its operations in an environmentally responsible manner.



## London Lines Replacement Project Virtual Open House



### Project Overview

- Approximately 75 kilometers (km) of 8-inch, high pressure, steel, natural gas pipeline, and a secondary 10.5 km, 8-inch pipeline to connect the Town of Strathroy.
- Will replace the two current pipelines known collectively as the London Lines.
- Start within the Township of Dawn-Euphemia and will continue through the Municipality of Southwest Middlesex and will end at two locations: within the Municipality of Middlesex Centre; and at a proposed new station in the Municipality of Strathroy-Caradoc.
- If approved by the Ontario Energy Board (OEB), construction of the proposed pipeline is planned to begin as early as spring 2021 and be in service by the end of 2021.



## London Lines Replacement Project Virtual Open House



### 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, the public, and regulatory authorities regarding the proposed Preferred Route, 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 and Stantec.



## London Lines Replacement Project Virtual Open House



### 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 consultation 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.



## London Lines Replacement Project Virtual Open House



### Ontario Energy Board (OEB) Review and Approval Process

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

- 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](http://www.ontarioenergyboard.ca)



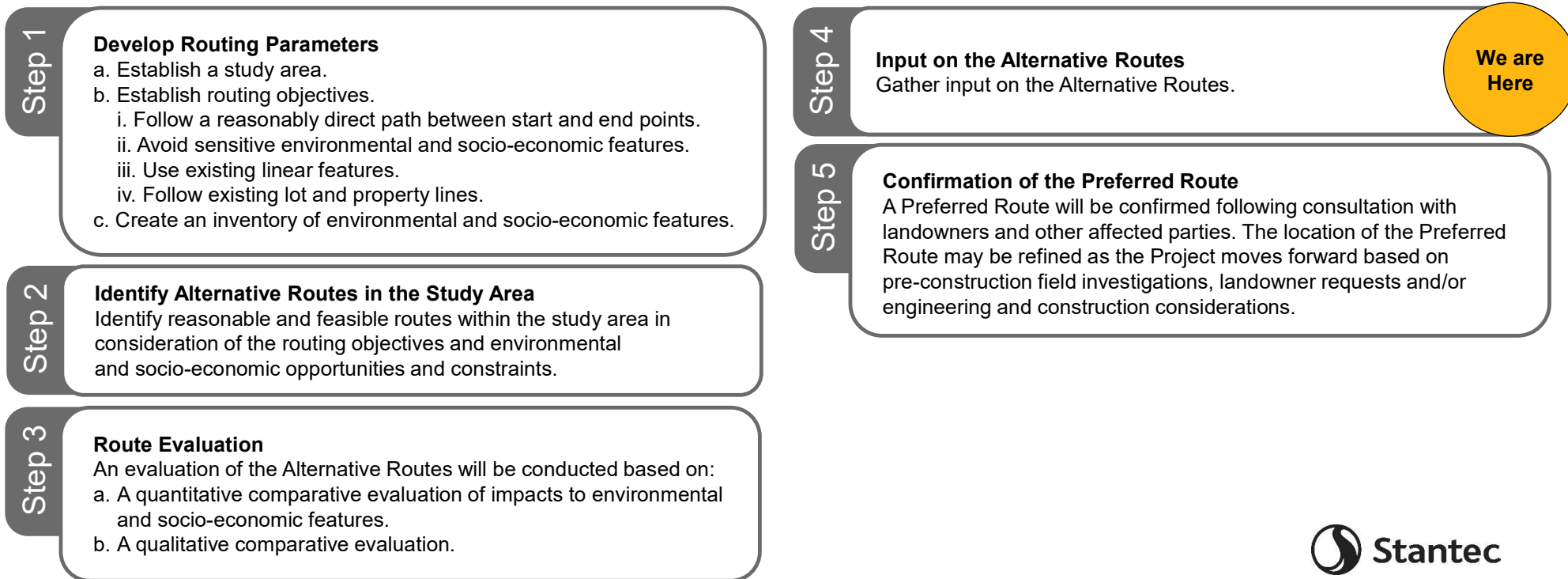


# London Lines Replacement Project Virtual Open House



## Preferred Route selection process

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



## London Lines Replacement Project Virtual Open House



### Route Evaluation Methodology

- Study Area pipeline routing constraints include natural heritage features, slope, topography, and socio-economic features and landscapes.
- A GIS routing exercise was undertaken that examined all mapped routing constraints and opportunities to generate alternative segments.
- The alternative segments follow existing linear infrastructure such as road easements 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:

<https://stantec.maps.arcgis.com/apps/webappviewer/index.html?id=08cbf589324748f598206747f7665976>

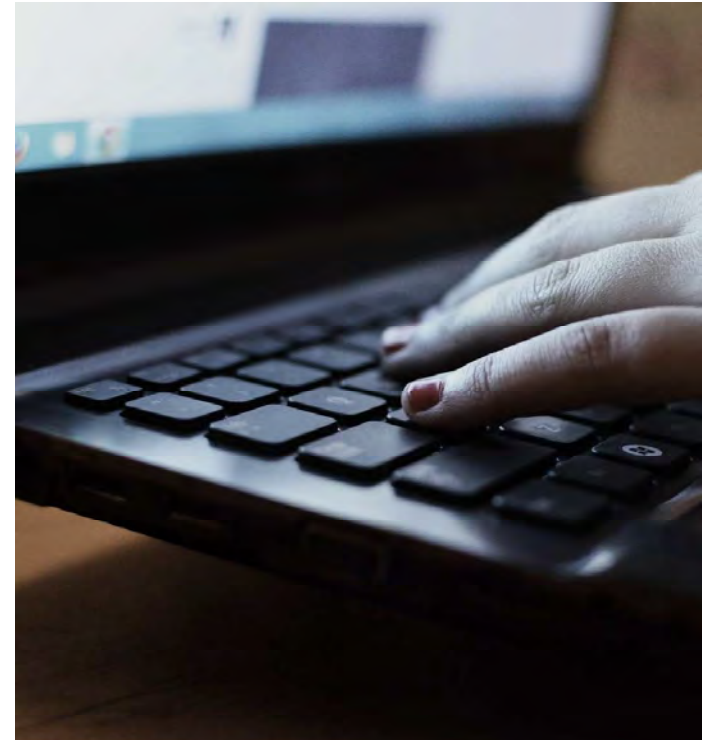


## London Lines Replacement Project Virtual Open House

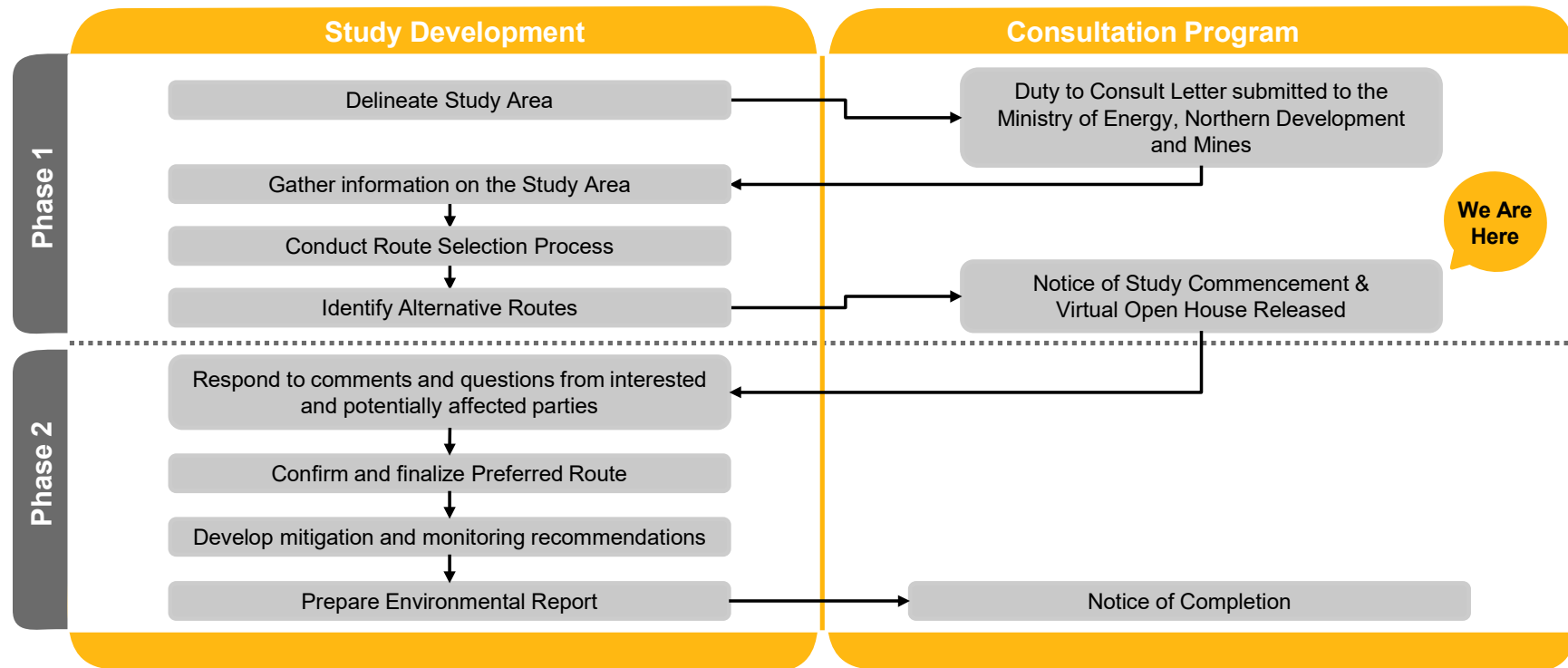


### Consultation

- Consultation is a key component of the Environmental Report.
- The consultation program helps identify and address 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.



## London Lines Replacement Project Virtual Open House



### Environmental Study Process



## London Lines Replacement Project Virtual Open House



### Indigenous People Policy

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## London Lines Replacement Project Virtual Open House



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#### Our commitment

- Enbridge is committed to protecting the health and safety of all individuals affected by our activities.
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## London Lines Replacement Project Virtual Open House



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## London Lines Replacement Project Virtual Open House



### Agricultural Soils

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- 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 Gas 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.
- Any agricultural drainage systems impacted by construction will be repaired.
- 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 work space necessary for construction of the project will be staked at regular intervals.
- A post-construction cover crop program will be available to landowners.





## London Lines Replacement Project Virtual Open House



### Maintaining Agricultural Drainage Systems

- Landowners will be contacted prior to construction to confirm the location and type of existing drains. Any future drainage plans will also be discussed with the landowner.
- Field tile will be temporarily re-routed during pre-construction activities where required to ensure proper drainage during construction.
- Damaged and severed drains will be repaired following construction. After repair and prior to backfilling, landowners will be invited to inspect and approve the repair. Any on-going field tile issues resulting from pipeline construction will be addressed by Enbridge Gas as required.



## London Lines Replacement Project Virtual Open House



### Socio-economic Features

The project will be constructed through road right of way, private business areas, agricultural and residential land, along with land regulated by both Canadian Pacific and Canadian National Railways, and land regulated by Hydro One, Lower Thames Valley Conservation Authority, St. Clair Region Conservation Authority, and Upper Thames River 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 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).



## London Lines Replacement Project Virtual Open House



### Aquatic Resources

Enbridge understands the importance of protecting wildlife during construction and therefore will implement recognized mitigation measures to minimize possible environmental effects.

#### Potential Effects

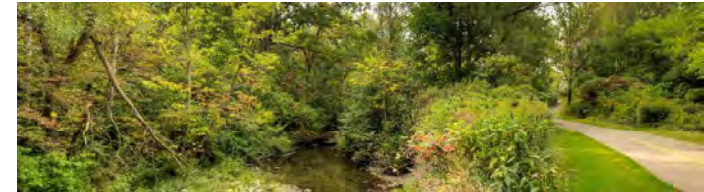
- Disruption and alteration to aquatic species and habitat and/or nuisance effects.
- Increased erosion, sedimentation, and turbidity resulting from removal of vegetation.

#### Example Mitigation Measures

- Conduct surveys of waterbodies.
- Obtain all agency permits and approvals.
- Limit in-channel construction, where possible, and conform to fish timing window guidelines.
- For in-channel construction, protect aquatic species and manage sedimentation and turbidity.
- Restore and seed areas to establish habitat and reduce erosion.
- Replant vegetation along waterways.



## London Lines Replacement Project Virtual Open House



### 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 right-of-way, 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.



## London Lines Replacement Project Virtual Open House



### Terrestrial Resources

During the course of construction, natural heritage 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.
- 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.



## London Lines Replacement Project Virtual Open House



### 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.



## London Lines Replacement Project Virtual Open House



### Pipeline Construction

1. **Site Preparation:** The first crew to enter the construction site is typically the survey and staking crew who delineate the boundaries of the construction area. When required safety fence is installed at the edge of the construction area where public safety considerations are necessary, and aspects of the traffic management plan are implemented (i.e., signs, vehicle access).
2. **Clearing:** The clearing crew clears brush and other vegetation including the temporary work space to permit construction of the pipeline.
3. **Grading and Stripping:** Next, the grading crew prepares the construction area for access by construction equipment. Existing landscaping is also removed, and dewatering undertaken, where necessary.
4. **Stringing:** The stringing crew lays pipe on wooden skids or boxes adjacent to the trench area.
5. **Trenching:** Once the construction area has been prepared, a hydraulic hoe will excavate the trench which will then be prepared for the installation of the new pipeline.
6. **Pipe Fabrication and Lowering:** Next, the pipe is bent as required and the welding crew welds the pipe into continuous lengths. The pipe welds are x-rayed and coated then inspected before the pipeline is lowered into the trench. Crews also install pipes under obstacles such as roads or watercourses by directional drilling. The welds are global positioning system located with locations identified on the weld map along with the identification of each pipe section for future identification.
7. **Hydrostatic Test:** The pipeline is tested hydrostatically. Water is drawn from a suitable local source based on discussions with the appropriate authorities and will be disposed of appropriately (e.g., discharged to land or sanitary sewer, or removed by an Enbridge approved waste disposal provider). Upon completion of the hydrostatic testing, the pipeline is dried, purged of air and prepared for delivery of the product.
8. **Backfilling:** The backfilling crew backfills the originally excavated subsoil over the pipe in the trench. In shallow water table areas, the pipeline may be weighted to provide negative buoyancy. Surplus backfill material will be removed from the construction area. The trench line will be crowned where necessary to allow for soil settlement.
9. **Clean-Up and Restoration:** The clean-up crew is responsible for the restoration of the construction area and other work areas. In natural areas the clean-up crew undertakes restoration including re-seeding of the area and restoring ditch banks, watercourse crossings and wetland areas, and removing erosion and sediment controls. In developed areas the clean-up crew undertakes landscaping plans developed for site restoration.

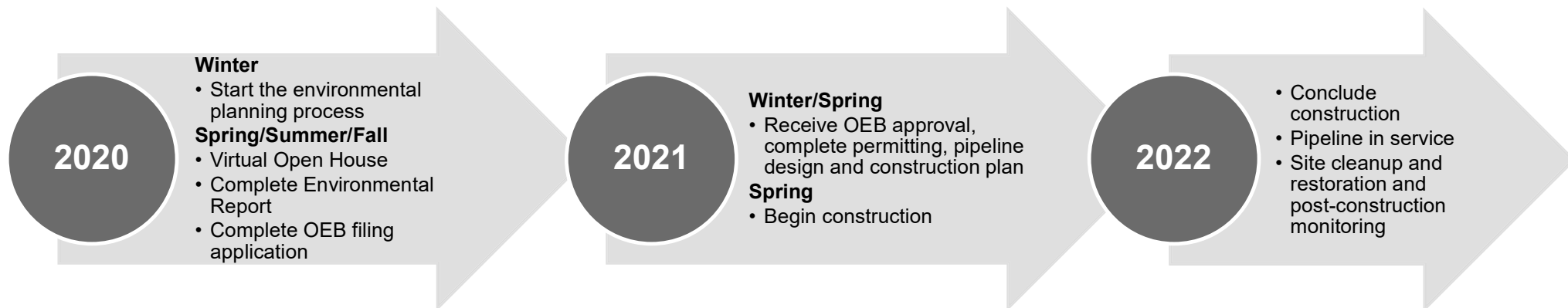


## London Lines Replacement Project Virtual Open House



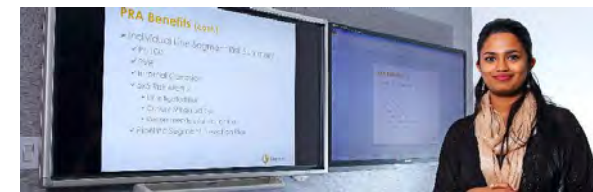
### Next Steps

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





## London Lines Replacement Project Virtual Open House



### 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.

#### **Kelsey Mills**

Environmental Advisor  
Enbridge Gas Inc.  
101 Honda Boulevard  
Markham, ON L6C 0M6  
Phone: (519) 780-8186  
Email: LondonLines@Stantec.com

#### **Rooly Georgopoulos**

Senior Project Manager  
Stantec Consulting Ltd.  
300-675 Cochrane Drive, West Tower  
Markham, ON L3R 0B8  
Phone: (519) 780-8186  
Email: LondonLines@Stantec.com

For more information about the proposed project, please visit our project website at:  
<https://www.enbridgegas.com/About-Us> under "Projects"



**From:** [Georgopoulos, Rooly](#)  
**To:** [fburch@cottfn.com](mailto:fburch@cottfn.com)  
**Cc:** [Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com); [Kelsey.Mills@enbridge.com](mailto:Kelsey.Mills@enbridge.com); [LondonLines](#); [Hartwig, Emily](#); [Lauren Whitwham](#)  
**Subject:** RE: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)  
**Date:** Wednesday, April 29, 2020 1:09:50 PM  
**Attachments:** [51170\\_LLRP-Virtual-Open-House\\_20200416\\_fnl.pdf](#)

---

Good afternoon, I apologize for the multiple emails, but it has been brought to my attention that the Virtual Open House Presentation Boards that I attached to my last email could not be opened. Please see attached updated version of the Virtual Open House Presentation Boards for the London Lines Replacement Project.

Regards,  
 Rooly

**Rooly Georgopoulos** B.Sc.,  
 Senior Associate

Direct: 905-415-6367  
 Mobile: 416-729-2300  
 Fax: 905-474-9889  
[rooly.georgopoulos@stantec.com](mailto:rooly.georgopoulos@stantec.com)

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 300W-675 Cochrane Drive  
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Stantec



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**From:** Georgopoulos, Rooly <[Rooly.Georgopoulos@stantec.com](mailto:Rooly.Georgopoulos@stantec.com)>  
**Sent:** Wednesday, April 29, 2020 11:48 AM  
**To:** [fburch@cottfn.com](mailto:fburch@cottfn.com)  
**Cc:** [Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com); [Kelsey.Mills@enbridge.com](mailto:Kelsey.Mills@enbridge.com); [LondonLines](#) <[LondonLines@stantec.com](mailto:LondonLines@stantec.com)>; [Hartwig, Emily](#) <[Emily.Hartwig@stantec.com](mailto:Emily.Hartwig@stantec.com)>; [Lauren Whitwham](#) <[Lauren.Whitwham@enbridge.com](mailto:Lauren.Whitwham@enbridge.com)>  
**Subject:** RE: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

**Sent on behalf of Ken McCorkle (Enbridge Gas Inc.)**

Good morning,

Please find attached the Virtual Open House Presentation Boards and associated script for the London Lines Replacement Project.

Regards,

Rooly

**Rooly Georgopoulos** B.Sc.,

Senior Associate

Direct: 905-415-6367

Mobile: 416-729-2300

Fax: 905-474-9889

[rooly.georgopoulos@stantec.com](mailto:rooly.georgopoulos@stantec.com)

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300W-675 Cochrane Drive

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---

**From:** Hartwig, Emily <[Emily.Hartwig@stantec.com](mailto:Emily.Hartwig@stantec.com)>

**Sent:** Wednesday, April 8, 2020 6:52 PM

**To:** [fburch@cottfn.com](mailto:fburch@cottfn.com)

**Cc:** [Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com); Georgopoulos, Rooly <[Rooly.Georgopoulos@stantec.com](mailto:Rooly.Georgopoulos@stantec.com)>;  
[Kelsey.Mills@enbridge.com](mailto:Kelsey.Mills@enbridge.com); LondonLines <[LondonLines@stantec.com](mailto:LondonLines@stantec.com)>

**Subject:** Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

---

**Sent on behalf of Ken McCorkle (Enbridge Gas Inc.)**

Good evening,

Please find attached a Notice of Commencement and Virtual Open House regarding the Enbridge Gas Inc. ("Enbridge") London Lines Replacement Project (LLRP).

Regards,

**Emily Hartwig** B.Sc., EP.

Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

Mobile: 226 979-4457

[Emily.Hartwig@stantec.com](mailto:Emily.Hartwig@stantec.com)

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1-70 Southgate Drive

Guelph ON N1G 4P5





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## London Lines Replacement 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 (see the Resources tab).
- If you would like to receive future Project updates, please complete the "Contact Information" section of the questionnaire.

### Our commitment

- Enbridge is committed to involving community members
- We will provide up-to-date information in an open, honest and respectful manner, and will carefully consider your input.
- Enbridge provides safe and reliable delivery of natural gas to more than 3.7 million residential, commercial, and industrial customers across Ontario.
- Enbridge is committed to environmental stewardship and conducts all of its operations in an environmentally responsible manner.



## London Lines Replacement Project Virtual Open House



### Project Overview

- Approximately 75 kilometers (km) of 8-inch, high pressure, steel, natural gas pipeline, and a secondary 10.5 km, 8-inch pipeline to connect the Town of Strathroy.
- Will replace the two current pipelines known collectively as the London Lines.
- Start within the Township of Dawn-Euphemia and will continue through the Municipality of Southwest Middlesex and will end at two locations: within the Municipality of Middlesex Centre; and at a proposed new station in the Municipality of Strathroy-Caradoc.
- If approved by the Ontario Energy Board (OEB), construction of the proposed pipeline is planned to begin as early as spring 2021 and be in service by the end of 2021.



## London Lines Replacement Project Virtual Open House



### 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, the public, and regulatory authorities regarding the proposed Preferred Route, 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 and Stantec.



## London Lines Replacement Project Virtual Open House



### 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 consultation 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.





## London Lines Replacement Project Virtual Open House



### Ontario Energy Board (OEB) Review and Approval Process

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

- 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](http://www.ontarioenergyboard.ca)

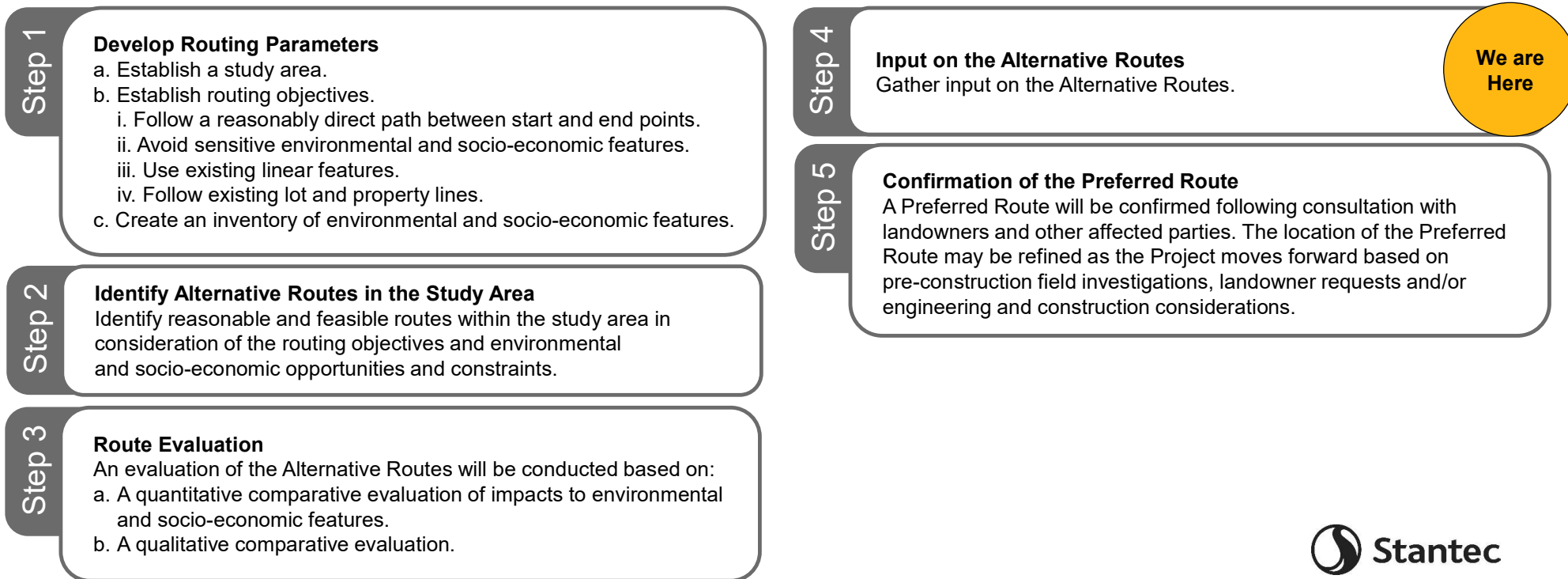


# London Lines Replacement Project Virtual Open House



## Preferred Route selection process

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



## London Lines Replacement Project Virtual Open House



### Route Evaluation Methodology

- Study Area pipeline routing constraints include natural heritage features, slope, topography, and socio-economic features and landscapes.
- A GIS routing exercise was undertaken that examined all mapped routing constraints and opportunities to generate alternative segments.
- The alternative segments follow existing linear infrastructure such as road easements 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:

<https://stantec.maps.arcgis.com/apps/webappviewer/index.html?id=08cbf589324748f598206747f7665976>



## London Lines Replacement Project Virtual Open House

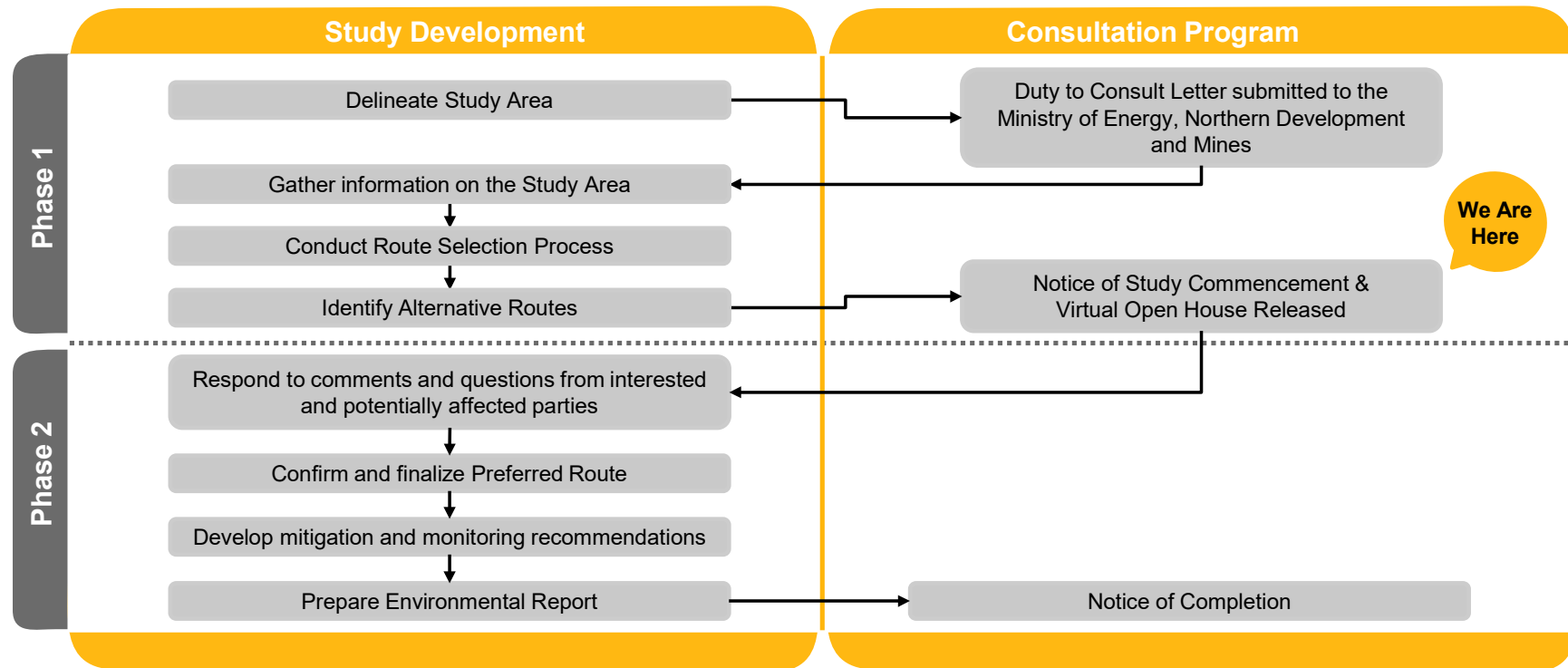


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## London Lines Replacement Project Virtual Open House



### Environmental Study Process



## London Lines Replacement Project Virtual Open House



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## London Lines Replacement Project Virtual Open House



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## London Lines Replacement Project Virtual Open House



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- A post-construction cover crop program will be available to landowners.



## London Lines Replacement Project Virtual Open House



### Maintaining Agricultural Drainage Systems

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- Field tile will be temporarily re-routed during pre-construction activities where required to ensure proper drainage during construction.
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## London Lines Replacement Project Virtual Open House



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#### 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.
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- Place fencing at appropriate locations for safety.
- Implement a water well monitoring program.
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## London Lines Replacement Project Virtual Open House



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- Increased erosion, sedimentation, and turbidity resulting from removal of vegetation.

#### Example Mitigation Measures

- Conduct surveys of waterbodies.
- Obtain all agency permits and approvals.
- Limit in-channel construction, where possible, and conform to fish timing window guidelines.
- For in-channel construction, protect aquatic species and manage sedimentation and turbidity.
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## London Lines Replacement Project Virtual Open House



### 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 right-of-way, 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.



## London Lines Replacement Project Virtual Open House



### Terrestrial Resources

During the course of construction, natural heritage 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.
- 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.



## London Lines Replacement Project Virtual Open House



### 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.



## London Lines Replacement Project Virtual Open House



### Pipeline Construction

1. **Site Preparation:** The first crew to enter the construction site is typically the survey and staking crew who delineate the boundaries of the construction area. When required safety fence is installed at the edge of the construction area where public safety considerations are necessary, and aspects of the traffic management plan are implemented (i.e., signs, vehicle access).
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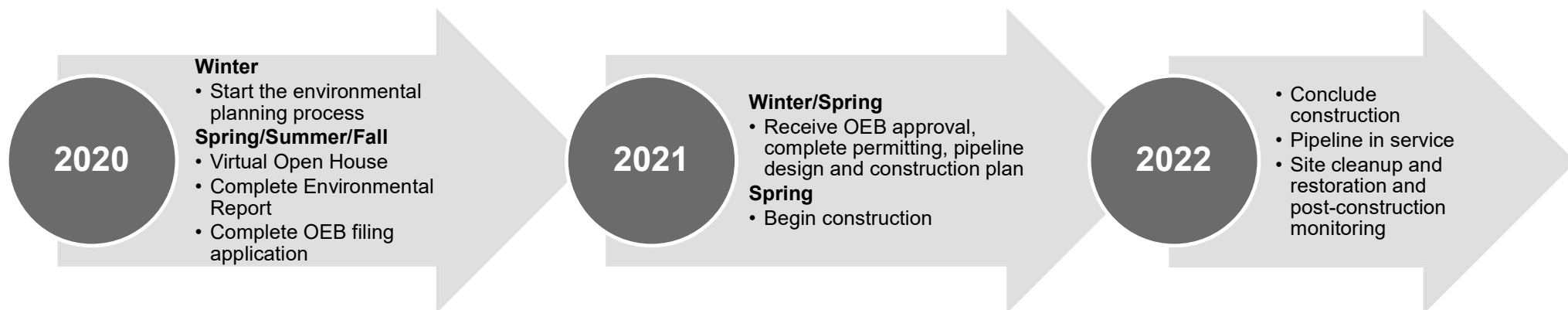


## London Lines Replacement Project Virtual Open House

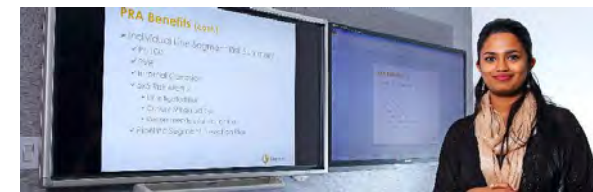


### Next Steps

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



## London Lines Replacement Project Virtual Open House



### 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.

#### **Kelsey Mills**

Environmental Advisor  
Enbridge Gas Inc.  
101 Honda Boulevard  
Markham, ON L6C 0M6  
Phone: (519) 780-8186  
Email: LondonLines@Stantec.com

#### **Rooly Georgopoulos**

Senior Project Manager  
Stantec Consulting Ltd.  
300-675 Cochrane Drive, West Tower  
Markham, ON L3R 0B8  
Phone: (519) 780-8186  
Email: LondonLines@Stantec.com

For more information about the proposed project, please visit our project website at:  
<https://www.enbridgegas.com/About-Us> under "Projects"



**From:** [Georgopoulos, Rooly](#)  
**To:** [kriley@cottfn.com](#)  
**Cc:** [Ken.McCorkle@enbridge.com](#); [Kelsey.Mills@enbridge.com](#); [LondonLines](#); [Hartwig, Emily](#); [Lauren Whitwham](#)  
**Subject:** RE: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)  
**Date:** Wednesday, April 29, 2020 1:08:52 PM  
**Attachments:** [51170\\_LLRP-Virtual-Open-House\\_20200416\\_fnl.pdf](#)

---

Good afternoon, I apologize for the multiple emails, but it has been brought to my attention that the Virtual Open House Presentation Boards that I attached to my last email could not be opened. Please see attached updated version of the Virtual Open House Presentation Boards for the London Lines Replacement Project.

Regards,  
 Rooly

**Rooly Georgopoulos** B.Sc.,  
 Senior Associate

Direct: 905-415-6367  
 Mobile: 416-729-2300  
 Fax: 905-474-9889  
[rooly.georgopoulos@stantec.com](mailto:rooly.georgopoulos@stantec.com)

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---

**From:** Georgopoulos, Rooly <[Rooly.Georgopoulos@stantec.com](mailto:Rooly.Georgopoulos@stantec.com)>  
**Sent:** Wednesday, April 29, 2020 11:49 AM  
**To:** [kriley@cottfn.com](#)  
**Cc:** [Ken.McCorkle@enbridge.com](#); [Kelsey.Mills@enbridge.com](#); [LondonLines](#) <[LondonLines@stantec.com](mailto:LondonLines@stantec.com)>; [Hartwig, Emily](#) <[Emily.Hartwig@stantec.com](mailto:Emily.Hartwig@stantec.com)>; [Lauren Whitwham](#) <[Lauren.Whitwham@enbridge.com](mailto:Lauren.Whitwham@enbridge.com)>  
**Subject:** RE: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

**Sent on behalf of Ken McCorkle (Enbridge Gas Inc.)**

Good morning,

Please find attached the Virtual Open House Presentation Boards and associated script for the London Lines Replacement Project.

Regards,

Rooly

**Rooly Georgopoulos** B.Sc.,  
Senior Associate

Direct: 905-415-6367

Mobile: 416-729-2300

Fax: 905-474-9889

[rooly.georgopoulos@stantec.com](mailto:rooly.georgopoulos@stantec.com)

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---

**From:** Hartwig, Emily <[Emily.Hartwig@stantec.com](mailto:Emily.Hartwig@stantec.com)>

**Sent:** Wednesday, April 8, 2020 6:52 PM

**To:** [kriley@cottfn.com](mailto:kriley@cottfn.com)

**Cc:** [Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com); Georgopoulos, Rooly <[Rooly.Georgopoulos@stantec.com](mailto:Rooly.Georgopoulos@stantec.com)>;  
[Kelsey.Mills@enbridge.com](mailto:Kelsey.Mills@enbridge.com); LondonLines <[LondonLines@stantec.com](mailto:LondonLines@stantec.com)>

**Subject:** Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

---

**Sent on behalf of Ken McCorkle (Enbridge Gas Inc.)**

Good evening,

Please find attached a Notice of Commencement and Virtual Open House regarding the Enbridge Gas Inc. ("Enbridge") London Lines Replacement Project (LLRP).

Regards,

**Emily Hartwig** B.Sc., EP.

Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

Mobile: 226 979-4457

[Emily.Hartwig@stantec.com](mailto:Emily.Hartwig@stantec.com)

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## London Lines Replacement 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 (see the Resources tab).
- If you would like to receive future Project updates, please complete the "Contact Information" section of the questionnaire.

### Our commitment

- Enbridge is committed to involving community members
- We will provide up-to-date information in an open, honest and respectful manner, and will carefully consider your input.
- Enbridge provides safe and reliable delivery of natural gas to more than 3.7 million residential, commercial, and industrial customers across Ontario.
- Enbridge is committed to environmental stewardship and conducts all of its operations in an environmentally responsible manner.



## London Lines Replacement Project Virtual Open House



### Project Overview

- Approximately 75 kilometers (km) of 8-inch, high pressure, steel, natural gas pipeline, and a secondary 10.5 km, 8-inch pipeline to connect the Town of Strathroy.
- Will replace the two current pipelines known collectively as the London Lines.
- Start within the Township of Dawn-Euphemia and will continue through the Municipality of Southwest Middlesex and will end at two locations: within the Municipality of Middlesex Centre; and at a proposed new station in the Municipality of Strathroy-Caradoc.
- If approved by the Ontario Energy Board (OEB), construction of the proposed pipeline is planned to begin as early as spring 2021 and be in service by the end of 2021.



## London Lines Replacement Project Virtual Open House



### 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, the public, and regulatory authorities regarding the proposed Preferred Route, 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 and Stantec.





## London Lines Replacement Project Virtual Open House



### 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 consultation 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.



## London Lines Replacement Project Virtual Open House



### Ontario Energy Board (OEB) Review and Approval Process

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

- 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](http://www.ontarioenergyboard.ca)

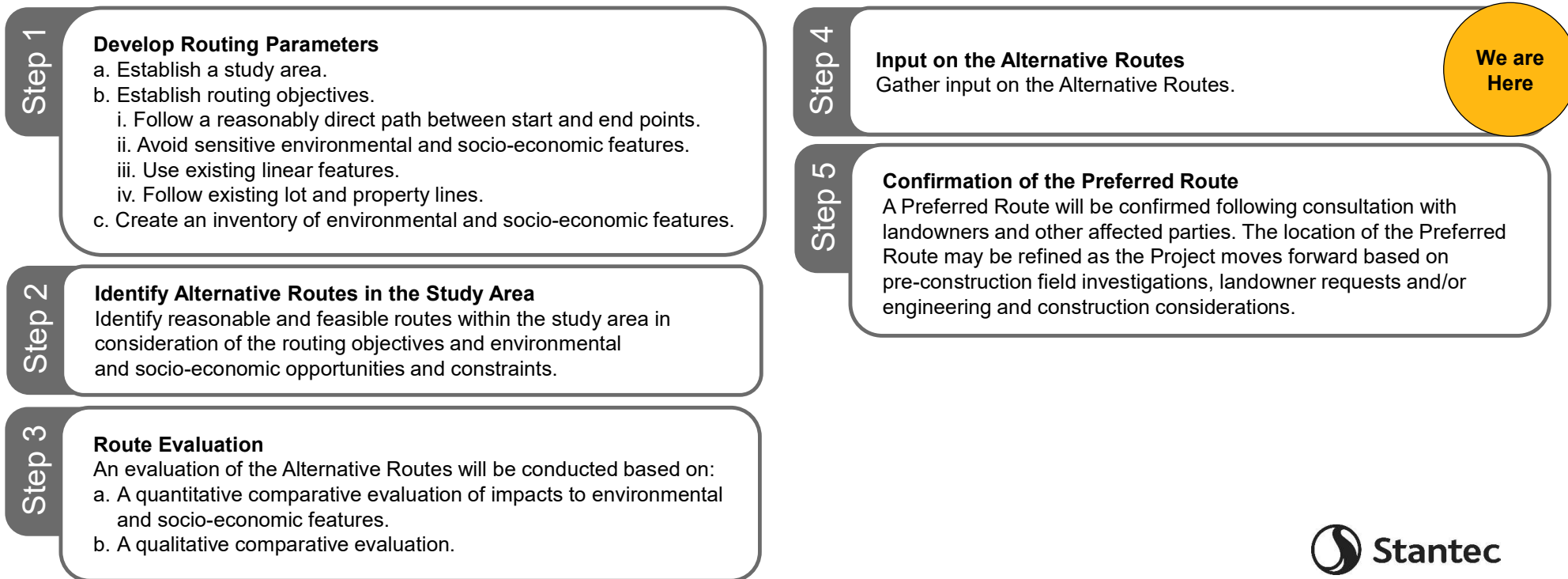


# London Lines Replacement Project Virtual Open House



## Preferred Route selection process

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



## London Lines Replacement Project Virtual Open House



### Route Evaluation Methodology

- Study Area pipeline routing constraints include natural heritage features, slope, topography, and socio-economic features and landscapes.
- A GIS routing exercise was undertaken that examined all mapped routing constraints and opportunities to generate alternative segments.
- The alternative segments follow existing linear infrastructure such as road easements 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:

<https://stantec.maps.arcgis.com/apps/webappviewer/index.html?id=08cbf589324748f598206747f7665976>

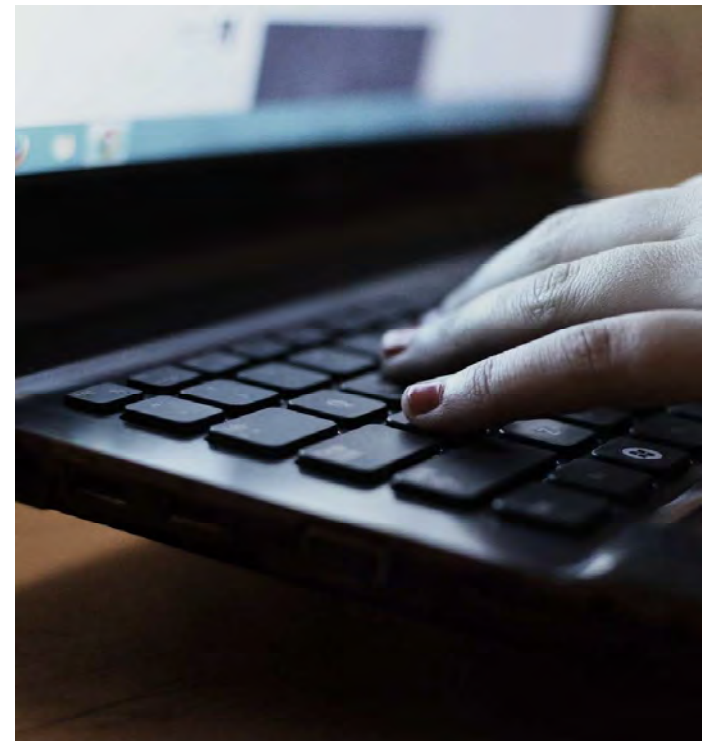


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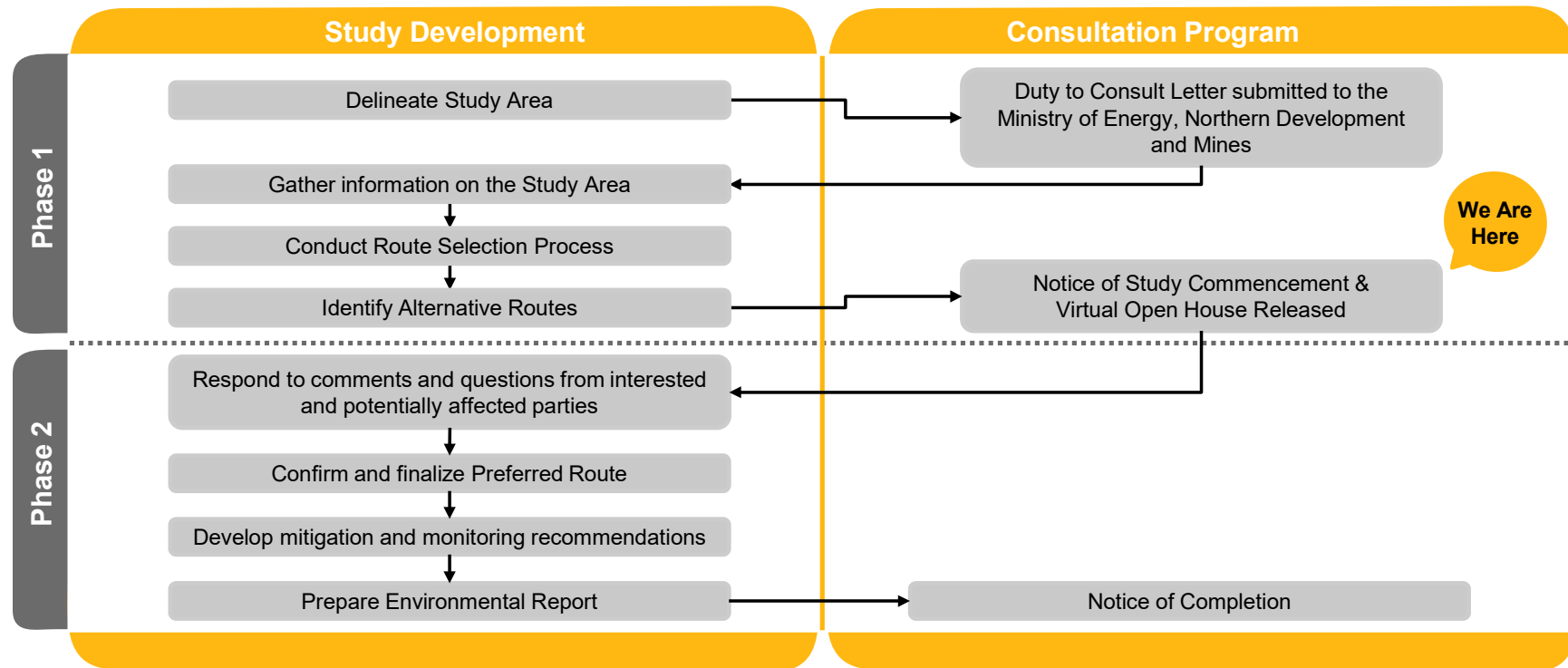


### Consultation

- Consultation is a key component of the Environmental Report.
- The consultation program helps identify and address 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.



## London Lines Replacement Project Virtual Open House



### Environmental Study Process



## London Lines Replacement Project Virtual Open House



### Indigenous People Policy

Enbridge 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 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 commits to pursue sustainable relationships with Indigenous Nations and groups in proximity to where Enbridge 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.



## London Lines Replacement Project Virtual Open House



## Environment, Health and Safety Policy

### Our commitment

- Enbridge is committed to protecting the health and safety of all individuals affected by our activities.
- Enbridge 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 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.





## London Lines Replacement Project Virtual Open House



### Access and Land Requirements

- Once a preferred route is selected, an Enbridge Land Agent will begin discussions with landowners for the appropriate land rights necessary for the construction, decommission and/or removal of the pipeline.
- Enbridge is committed to working with all directly affected landowners in anticipation of acquiring early access agreements in order to gather essential information, including but not limited to, land survey data, environmental, archaeological and property site features, along with negotiating the necessary land rights.
- These land rights will consist of permanent easements and/or temporary land rights. The temporary land rights are only required during project construction activities.
- Enbridge will ensure that a Land Agent is available to each landowner during all pipeline construction activities.
- The Land Agent will keep all landowners informed of the progress of the project and assist with any concerns that may arise as a result of the construction activities.



## London Lines Replacement Project Virtual Open House



### Agricultural Soils

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

- 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 Gas 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.
- Any agricultural drainage systems impacted by construction will be repaired.
- 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 work space necessary for construction of the project will be staked at regular intervals.
- A post-construction cover crop program will be available to landowners.



## London Lines Replacement Project Virtual Open House



### Maintaining Agricultural Drainage Systems

- Landowners will be contacted prior to construction to confirm the location and type of existing drains. Any future drainage plans will also be discussed with the landowner.
- Field tile will be temporarily re-routed during pre-construction activities where required to ensure proper drainage during construction.
- Damaged and severed drains will be repaired following construction. After repair and prior to backfilling, landowners will be invited to inspect and approve the repair. Any on-going field tile issues resulting from pipeline construction will be addressed by Enbridge Gas as required.



## London Lines Replacement Project Virtual Open House



### Socio-economic Features

The project will be constructed through road right of way, private business areas, agricultural and residential land, along with land regulated by both Canadian Pacific and Canadian National Railways, and land regulated by Hydro One, Lower Thames Valley Conservation Authority, St. Clair Region Conservation Authority, and Upper Thames River 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 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).



## London Lines Replacement Project Virtual Open House



### Aquatic Resources

Enbridge understands the importance of protecting wildlife during construction and therefore will implement recognized mitigation measures to minimize possible environmental effects.

#### Potential Effects

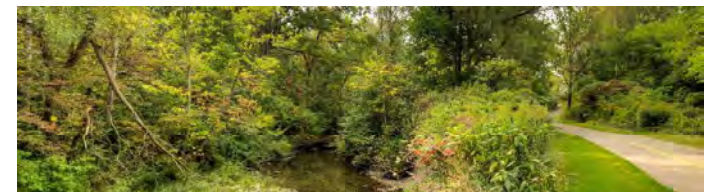
- Disruption and alteration to aquatic species and habitat and/or nuisance effects.
- Increased erosion, sedimentation, and turbidity resulting from removal of vegetation.

#### Example Mitigation Measures

- Conduct surveys of waterbodies.
- Obtain all agency permits and approvals.
- Limit in-channel construction, where possible, and conform to fish timing window guidelines.
- For in-channel construction, protect aquatic species and manage sedimentation and turbidity.
- Restore and seed areas to establish habitat and reduce erosion.
- Replant vegetation along waterways.



## London Lines Replacement Project Virtual Open House



### 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 right-of-way, 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.
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## London Lines Replacement Project Virtual Open House



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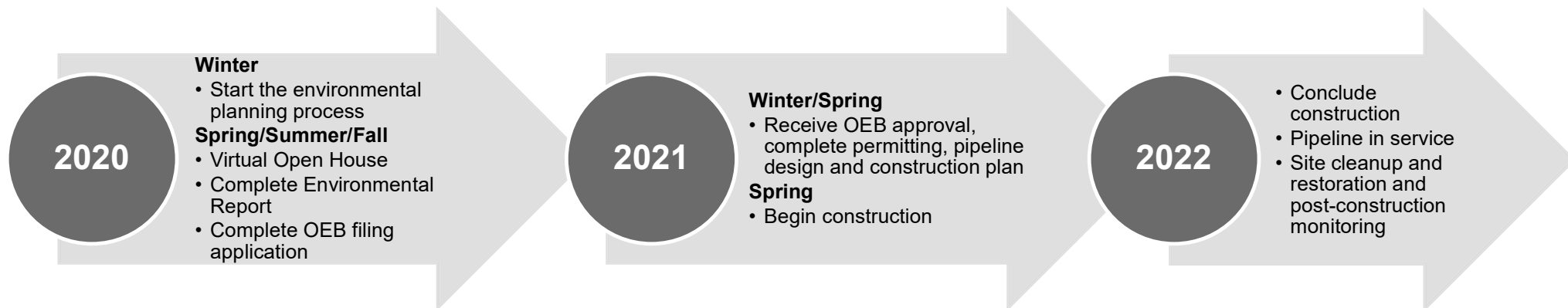


## London Lines Replacement Project Virtual Open House

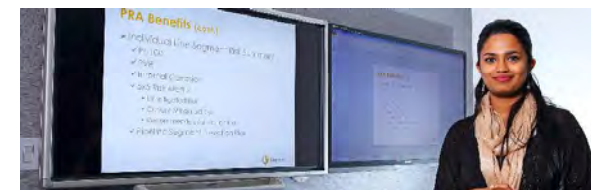


### Next Steps

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



## London Lines Replacement Project Virtual Open House



### 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.

#### **Kelsey Mills**

Environmental Advisor  
Enbridge Gas Inc.  
101 Honda Boulevard  
Markham, ON L6C 0M6  
Phone: (519) 780-8186  
Email: LondonLines@Stantec.com

#### **Rooly Georgopoulos**

Senior Project Manager  
Stantec Consulting Ltd.  
300-675 Cochrane Drive, West Tower  
Markham, ON L3R 0B8  
Phone: (519) 780-8186  
Email: LondonLines@Stantec.com

For more information about the proposed project, please visit our project website at:  
<https://www.enbridgegas.com/About-Us> under "Projects"



**From:** [Lauren Whitwham](#)  
**To:** [kriley@cottfn.com](mailto:kriley@cottfn.com); [Fallon Burch](#)  
**Cc:** [Ken McCorkle](#); [LondonLines](#)  
**Subject:** Enbridge Gas London Lines Project: Open House and Alternative Route  
**Date:** Friday, May 15, 2020 10:06:12 AM  
**Attachments:** [let\\_160951170\\_Thames\\_Notice-of-Change\\_20200513\\_fnl.pdf](#)

---

Good morning,

We hope this finds you and your family well.

I am following up with you on the Enbridge Gas London Lines Project on two topics.

First, we just wanted to follow up to confirm if you were able to access and view the VOH (Virtual Open House) for the London Lines Project? If you had any comments or would like more follow up please do not hesitate to contact us. We will be in contact with you regarding an opportunity for you to participate in monitoring on site for the Archaeological and Environmental surveys.

Secondly, I have attached a Notice of Project Change on the Enbridge Gas London Lines Project. For this Project, a third and fourth alternate route have been identified and included for consideration ("Strathroy Alternate 3" and "Strathroy Alternate 4") for the secondary pipeline to the community of Strathroy.

Stantec is request that any questions and/or comments regarding the Notice of Project Change or the proposed project be sent to them by May 29, 2020. The contact information for Stantec is also in the attachment.

If you have any questions or concerns about these two items, please feel free to reach out to Ken McCorkle or myself and we would be happy to assist.

We hope you enjoy the long weekend. Take care.

Many thanks,  
Lauren

**Lauren Whitwham**

Analyst, Indigenous, Municipal Affairs & Stakeholder Relation

—

**ENBRIDGE GAS INC.**

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | [lauren.whitwham@enbridge.com](mailto:lauren.whitwham@enbridge.com)  
109 Commissioners Road West, London, ON N6A4P1

**Safety. Integrity. Respect.**



**Stantec Consulting Ltd.**  
300W-675 Cochrane Drive, Markham ON L3R 0B8



May 13, 2020

**Chippewas of the Thames First Nation**

320 Chippewa Road  
Muncey, ON N0N 1Y0

Dear Sir/Madam,

**Reference: Enbridge Gas Inc. – London Lines Replacement Project: Notice of Project Change**

Enbridge Gas Inc. (Enbridge) is proposing to replace a section of natural gas pipeline known as the London Lines in order to improve the integrity of the pipeline network and to increase system flexibility, as indicated in Enbridge's notification on April 8, 2020. The London Lines Replacement Project (LLRP) will include the construction of approximately 75 kilometers (km) of 8-inch, high pressure natural gas pipeline. This will replace the two current pipelines known collectively as the London Lines. The LLRP will also include the construction of approximately 10.5 km of a secondary 8-inch pipeline which will connect the replaced pipeline to the community of Strathroy.

**You are receiving this letter because a third and fourth alternate route have been identified and included for consideration ("Strathroy Alternate 3" and "Strathroy Alternate 4") for the secondary pipeline to the community of Strathroy.** For more details, please refer to the attached map.

As part of the planning process, Enbridge has retained Stantec Consulting Ltd. (Stantec) to undertake an Environmental Study of the construction and operation for the proposed natural gas pipeline. The Environmental Study will fulfill the requirements of the Ontario Energy Board's (OEB) "Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)".

An Environmental Report, summarizing the results of the Environmental Study, will accompany Enbridge's application to the OEB as part of their Leave to Construct (LTC) application. The Environmental Report for the proposed project is anticipated to be completed by summer 2020. The OEB's review and approval is required before construction of the Project can proceed. If approved, construction of the pipeline is anticipated to begin in Spring/Summer 2021.

We request that any questions and/or comments regarding the Notice of Project Change or the proposed project be sent to the following contacts by May 29, 2020.

Yours truly,

**Stantec Consulting Ltd.**

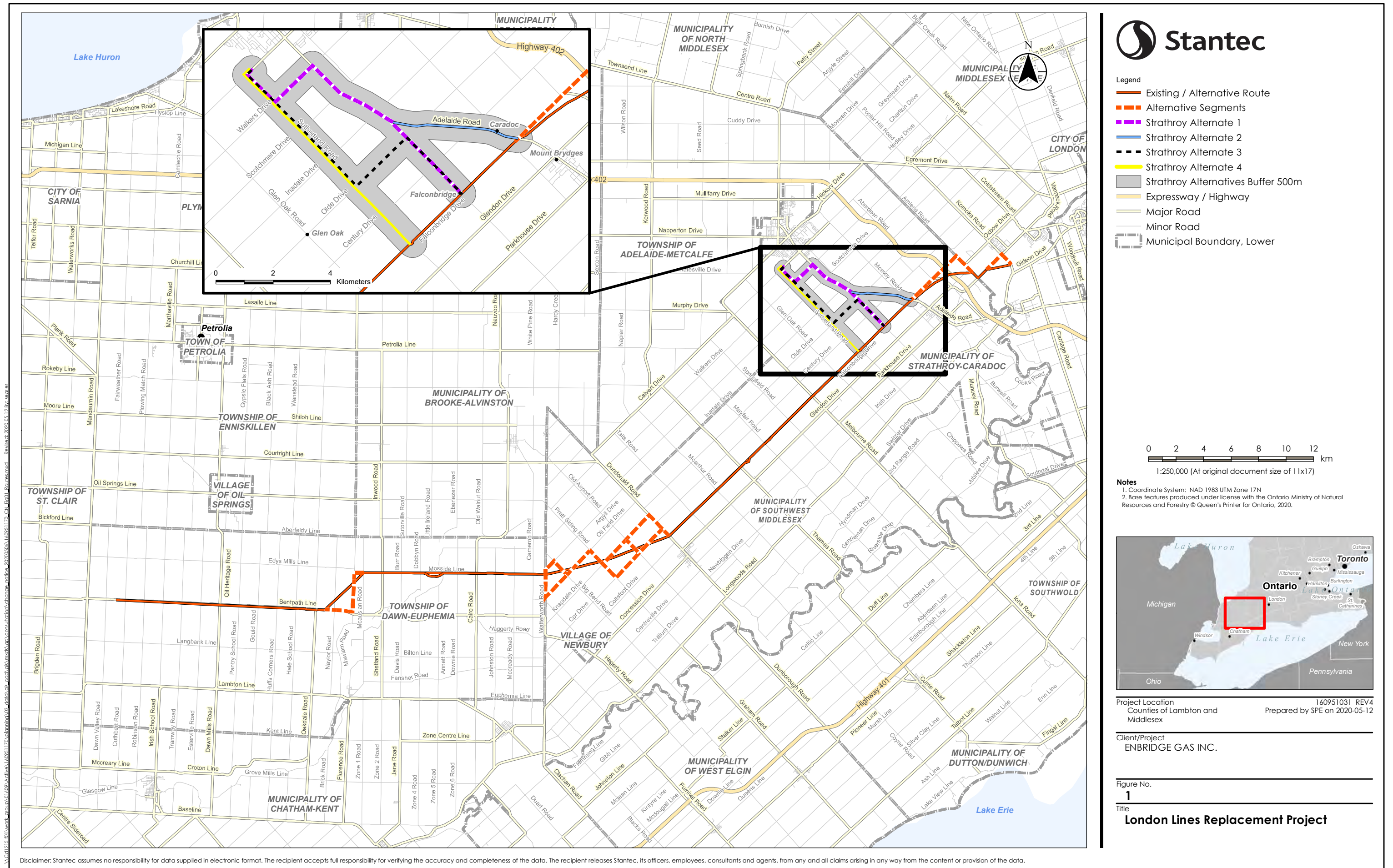
**Rooy Georgopoulos** B.Sc.  
Senior Associate, Senior Project Manager  
Phone: (519) 780-8186  
LondonLines@stantec.com

Attachment: Figure 1: London Lines Replacement Project

c. Kelsey Mills, Environmental Advisor, Enbridge Gas Inc.











**From:** [Lauren Whitwham](#)  
**To:** [Jason.henry@kettlepoint.org](mailto:Jason.henry@kettlepoint.org); [Valerie.George@kettlepoint.org](mailto:Valerie.George@kettlepoint.org)  
**Cc:** [Ken McCorkle](#); [LondonLines](#)  
**Subject:** FW: Enbridge Gas London Lines Project  
**Date:** Monday, March 9, 2020 2:10:07 PM  
**Attachments:** [London Lines map.pdf](#)

---

Good afternoon,

Further to the email below, please find attached an updated map of the route for the Project.

We look forward to working with you on this project.

Thank you,  
 Lauren

**Lauren Whitwham**

Analyst, Indigenous, Municipal Affairs & Stakeholder Relation

—

**ENBRIDGE GAS INC.**

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | [lauren.whitwham@enbridge.com](mailto:lauren.whitwham@enbridge.com)

109 Commissioners Road West, London, ON N6A4P1

**Safety. Integrity. Respect.**

---

**From:** Lauren Whitwham  
**Sent:** Wednesday, February 26, 2020 2:59 PM  
**To:** 'Jason.henry@kettlepoint.org' <Jason.henry@kettlepoint.org>; 'Valerie.George@kettlepoint.org' <Valerie.George@kettlepoint.org>  
**Cc:** Ken McCorkle <Ken.McCorkle@enbridge.com>  
**Subject:** Enbridge Gas London Lines Project

Good afternoon Chief Henry,

Please find attached our notification letter and map for the Enbridge Gas Inc. London Lines Project.

-

We would like to set up a time to come to speak with your environment/consultation committee to discuss the project and provide you with details. Please reach out to Ken McCorkle to arrange for a time for discussion.

We look forward to working with you on this project.

Thank you,  
 Lauren

**Lauren Whitwham**

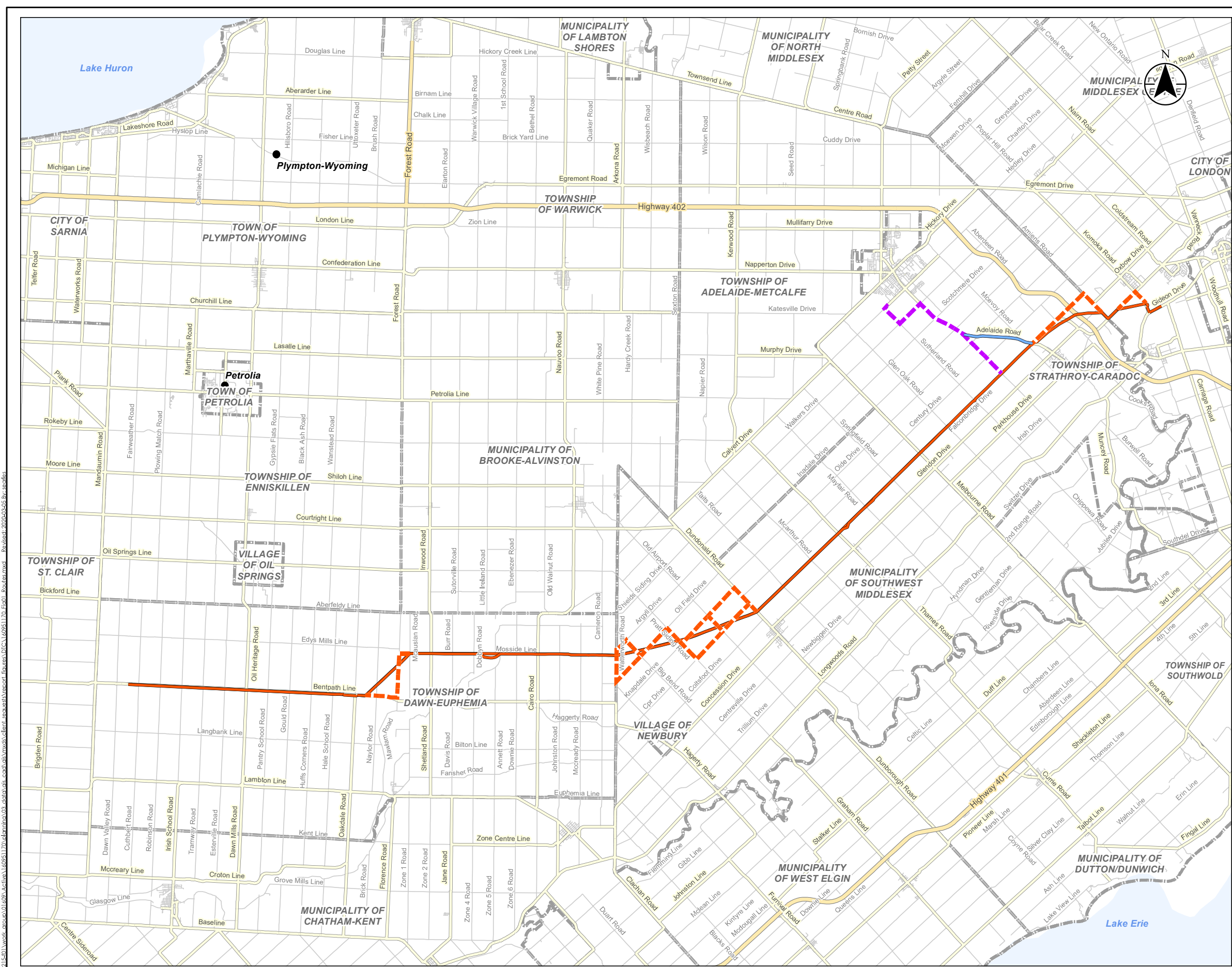
**Analyst, Indigenous, Municipal Affairs & Stakeholder Relation**

—

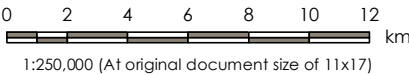
**ENBRIDGE GAS INC.**

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | [lauren.whitwham@enbridge.com](mailto:lauren.whitwham@enbridge.com)  
109 Commissioners Road West, London, ON N6A4P1

**Safety. Integrity. Respect.**



- Legend
- Existing / Alternative Route
  - Alternative Segments
  - Strathroy Alternate 1
  - Strathroy Alternate 2
  - Expressway / Highway
  - Major Road
  - Minor Road
  - Municipal Boundary, Lower



- Notes
- Coordinate System: NAD 1983 UTM Zone 17N
  - Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2020.



Project Location  
Counties of Lambton and Middlesex

160951031 REV4  
Prepared by SPE on 2020-03-05

Client/Project  
ENBRIDGE GAS INC.

Figure No.  
**1**  
Title  
**London Lines Replacement Project**

\\C:\215-001\work\arcmap\0160951031\LondonLinesReplacement\03\_data\gis\csd\gis\mxd\london\_lines\_replacement\london\_lines\_replacement.mxd - Revised: 2020-03-05 by: ssp/les



**From:** [Hartwig, Emily](#)  
**To:** [clint.couchie@kettlepoint.org](mailto:clint.couchie@kettlepoint.org)  
**Cc:** [Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com); [Georgopoulos, Rooly](#); [Kelsey.Mills@enbridge.com](mailto:Kelsey.Mills@enbridge.com); [londonlines@stantec.com](mailto:londonlines@stantec.com)  
**Subject:** Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)  
**Date:** Wednesday, April 8, 2020 6:50:00 PM  
**Attachments:** [let\\_160951170\\_Indigenous\\_NoC-VOH\\_CCouchie\\_2020-04-08\\_fnl.pdf](#)

---

**Sent on behalf of Ken McCorkle (Enbridge Gas Inc.)**

---

Good evening,

Please find attached a Notice of Commencement and Virtual Open House regarding the Enbridge Gas Inc. ("Enbridge") London Lines Replacement Project (LLRP).

Regards,

**Emily Hartwig** B.Sc., EP.  
Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186  
Mobile: 226 979-4457  
[Emily.Hartwig@stantec.com](mailto:Emily.Hartwig@stantec.com)

Stantec  
1-70 Southgate Drive  
Guelph ON N1G 4P5



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**Stantec Consulting Ltd.**  
300W-675 Cochrane Drive Markham, ON L3R 0B8



April 8, 2020

**Attention: Mr. Clint Couchie, Chief Executive Officer**  
Chippewas of Kettle and Stony Point  
6247 Indian Lane  
Lambton Shores ON N0N 1J1

Dear Mr. Couchie,

**Reference: Enbridge Gas – London Lines Replacement Project, Notice of Project Commencement and Virtual Open House**

Enbridge Gas is proposing to replace a section of natural gas pipeline in order to improve the integrity of the pipeline network and to increase system flexibility. All current services will be maintained as a result of this project.

The London Lines Replacement Project (LLRP) will include the construction of approximately 75 kilometers (km) of 8-inch, high pressure natural gas pipeline. This will replace the two current pipelines known collectively as the London Lines. The LLRP will also include the construction of 10.5 km of a secondary 8-inch pipeline which will connect the replaced pipeline to the community of Strathroy. The LLRP will start within the Township of Dawn-Euphemia near Oil Heritage Road and Bentpath Lane. The pipeline project will continue through the municipality of Southwest Middlesex and will end at two locations: within the Municipality of Middlesex Centre at Komoka Road and Glendon Drive; and at a proposed new station at Calvert Drive and Sutherland Road in the Municipality of Strathroy-Caradoc. The general location and study area of the proposed pipeline is shown on the attached map.

As part of the planning process, Enbridge Gas has retained Stantec Consulting Ltd. (Stantec) to undertake an Environmental Study of the construction and operation for the proposed natural gas pipeline. The Environmental Study will fulfill the requirements of the Ontario Energy Board's (OEB) "Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)".

An Environmental Report, summarizing the results of the Environmental Study, will accompany Enbridge's application to the OEB as part of their Leave to Construct (LTC) application. The Environmental Report for the proposed project is anticipated to be completed by early summer 2020. The OEB's review and approval is required before construction of the Project can proceed. If approved, construction of the pipeline is anticipated to begin in Spring/Summer 2021.

Chippewas of Kettle and Stony Point is invited to provide comments regarding the proposed pipeline. Specifically, Stantec is seeking information about any adverse impacts that the proposed project may have on constitutionally protected Aboriginal or treaty rights and any measures for mitigating those adverse impacts.

Stantec is presently compiling an environmental, socio-economic, and archaeological/cultural heritage inventory of the Environmental Study Area. As an Indigenous community with a potential interest in developments in that area, you are invited to provide or coordinate comments regarding the proposed pipeline.

As part of the Environmental Study, Enbridge is in the process of contacting the following agencies:

- Indigenous and Northern Affairs Canada; and
- Ontario Ministry of Indigenous Relations and Reconciliation.



April 8, 2020  
Page 2 of 2



**Reference: Enbridge Gas Distribution Inc. – London Lines Replacement Project, Notice of Project Commencement and Information Session**

Public consultation with Indigenous communities, landowners, government agencies, current customers serviced by the London Lines, the general public, and other interested persons is an integral component of the planning process. As a result of the social distancing requirements set out by the Government of Canada and the Province of Ontario due to **COVID-19**, a Virtual Open House will be held in place of an in-person Open House regarding the proposed LLRP. The Virtual Open House will be available beginning on **April 20, 2020** at 9:00 am EST until **May 1, 2020** at 5:00 pm EST at:

[www.solutions.ca/LondonLines](http://www.solutions.ca/LondonLines)

*If you are unable to log onto the Virtual Open House between April 20 and May 1, please dial (519) 780-8186, leave a message with your contact information, and we will respond as soon as possible.*

There will be a questionnaire available at the end of the presentation and you will have the ability to submit comments and/or questions about the proposed LLRP, including proposed routes, design and the anticipated project schedule during the presentation. In addition, a copy of the open house story boards will be available to download. Input received will be used to inform the selection of the preferred pipeline route, and to develop site specific environmental protection or mitigation measures for the Project.

If you have questions or concerns regarding the Project, please do not hesitate to contact the undersigned.

Regards,

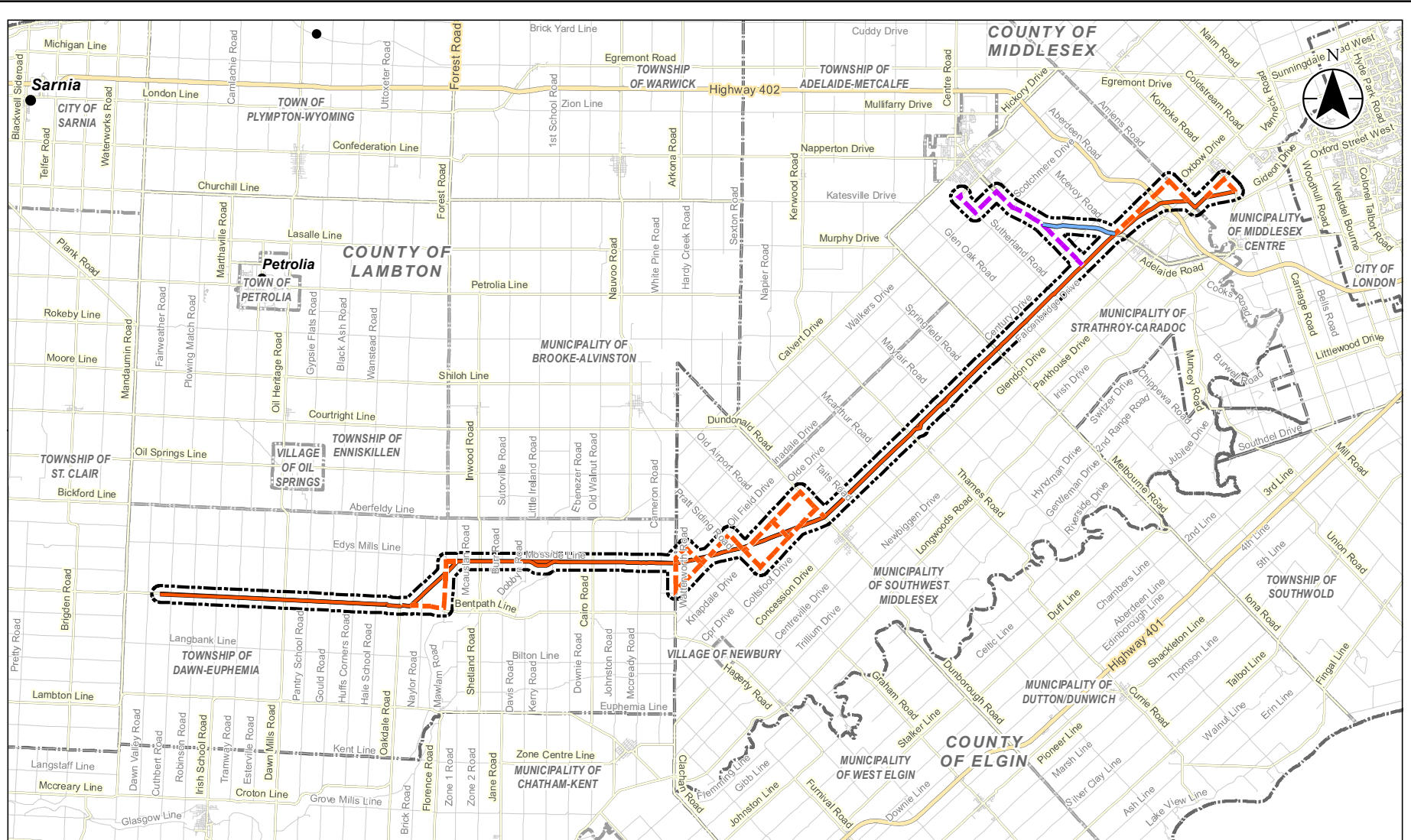
**ENBRIDGE GAS INC.**

**Ken McCorkle**  
Senior Advisor, Indigenous Affairs  
Enbridge Gas Inc.  
50 Keil Drive North  
Chatham, ON, N7M 5M1  
PH: 519-436-4600 ext. 5002243  
Cell: 519-365-0584  
Ken.McCorkle@enbridge.com

Attachment: Figure 1: London Lines Replacement Project

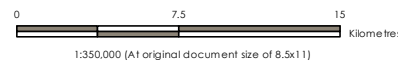
- c. Kelsey Mills, Sr. Environmental Analyst, Enbridge Gas Inc.  
Rooley Georgopoulos, Senior Project Manager, Stantec Consulting Ltd.





#### Legend

- Existing / Alternative Route
- Alternative Segments
- Strathroy Alternate 1
- Strathroy Alternate 2
- Study Area
- Municipal Boundary, Upper
- Municipal Boundary, Lower



**Notes**  
 1. Coordinate System: NAD 1983 UTM Zone 17N  
 2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2018.

Project Location  
 Counties of Lambton and Middlesex, ON  
 160951031 REVA  
 Prepared by SPE on 2020-04-08

Client/Project  
 ENBRIDGE GAS INC.

Figure No.  
**1**  
 Title  
**London Lines Replacement Project**



**From:** [Hartwig, Emily](#)  
**To:** [Jason.henry@kettlepoint.org](mailto:Jason.henry@kettlepoint.org)  
**Cc:** [Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com); [Georgopoulos, Rooly](#); [Kelsey.Mills@enbridge.com](mailto:Kelsey.Mills@enbridge.com); [londonlines@stantec.com](mailto:londonlines@stantec.com)  
**Subject:** Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)  
**Date:** Wednesday, April 8, 2020 6:50:00 PM  
**Attachments:** [let\\_160951170\\_Indigenous\\_NoC-VOH\\_JHenry\\_2020-04-08\\_fnl.pdf](#)

---

**Sent on behalf of Ken McCorkle (Enbridge Gas Inc.)**

---

Good evening,

Please find attached a Notice of Commencement and Virtual Open House regarding the Enbridge Gas Inc. ("Enbridge") London Lines Replacement Project (LLRP).

Regards,

**Emily Hartwig** B.Sc., EP.

Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

Mobile: 226 979-4457

[Emily.Hartwig@stantec.com](mailto:Emily.Hartwig@stantec.com)

Stantec

1-70 Southgate Drive

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**Stantec Consulting Ltd.**  
300W-675 Cochrane Drive Markham, ON L3R 0B8



April 8, 2020

**Attention: Chief Jason Henry,**  
Chippewas of Kettle and Stony Point  
6247 Indian Lane  
Lambton Shores ON N0N 1J1

Dear Chief Henry,

**Reference: Enbridge Gas – London Lines Replacement Project, Notice of Project Commencement and Virtual Open House**

Enbridge Gas is proposing to replace a section of natural gas pipeline in order to improve the integrity of the pipeline network and to increase system flexibility. All current services will be maintained as a result of this project.

The London Lines Replacement Project (LLRP) will include the construction of approximately 75 kilometers (km) of 8-inch, high pressure natural gas pipeline. This will replace the two current pipelines known collectively as the London Lines. The LLRP will also include the construction of 10.5 km of a secondary 8-inch pipeline which will connect the replaced pipeline to the community of Strathroy. The LLRP will start within the Township of Dawn-Euphemia near Oil Heritage Road and Bentpath Lane. The pipeline project will continue through the municipality of Southwest Middlesex and will end at two locations: within the Municipality of Middlesex Centre at Komoka Road and Glendon Drive; and at a proposed new station at Calvert Drive and Sutherland Road in the Municipality of Strathroy-Caradoc. The general location and study area of the proposed pipeline is shown on the attached map.

As part of the planning process, Enbridge Gas has retained Stantec Consulting Ltd. (Stantec) to undertake an Environmental Study of the construction and operation for the proposed natural gas pipeline. The Environmental Study will fulfill the requirements of the Ontario Energy Board's (OEB) "Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)".

An Environmental Report, summarizing the results of the Environmental Study, will accompany Enbridge's application to the OEB as part of their Leave to Construct (LTC) application. The Environmental Report for the proposed project is anticipated to be completed by early summer 2020. The OEB's review and approval is required before construction of the Project can proceed. If approved, construction of the pipeline is anticipated to begin in Spring/Summer 2021.

Chippewas of Kettle and Stony Point is invited to provide comments regarding the proposed pipeline. Specifically, Stantec is seeking information about any adverse impacts that the proposed project may have on constitutionally protected Aboriginal or treaty rights and any measures for mitigating those adverse impacts.

Stantec is presently compiling an environmental, socio-economic, and archaeological/cultural heritage inventory of the Environmental Study Area. As an Indigenous community with a potential interest in developments in that area, you are invited to provide or coordinate comments regarding the proposed pipeline.

As part of the Environmental Study, Enbridge is in the process of contacting the following agencies:

- Indigenous and Northern Affairs Canada; and
- Ontario Ministry of Indigenous Relations and Reconciliation.



April 8, 2020  
Page 2 of 2



**Reference: Enbridge Gas Distribution Inc. – London Lines Replacement Project, Notice of Project Commencement and Information Session**

Public consultation with Indigenous communities, landowners, government agencies, current customers serviced by the London Lines, the general public, and other interested persons is an integral component of the planning process. As a result of the social distancing requirements set out by the Government of Canada and the Province of Ontario due to **COVID-19**, a Virtual Open House will be held in place of an in-person Open House regarding the proposed LLRP. The Virtual Open House will be available beginning on **April 20, 2020** at 9:00 am EST until **May 1, 2020** at 5:00 pm EST at:

[www.solutions.ca/LondonLines](http://www.solutions.ca/LondonLines)

*If you are unable to log onto the Virtual Open House between April 20 and May 1, please dial (519) 780-8186, leave a message with your contact information, and we will respond as soon as possible.*

There will be a questionnaire available at the end of the presentation and you will have the ability to submit comments and/or questions about the proposed LLRP, including proposed routes, design and the anticipated project schedule during the presentation. In addition, a copy of the open house story boards will be available to download. Input received will be used to inform the selection of the preferred pipeline route, and to develop site specific environmental protection or mitigation measures for the Project.

If you have questions or concerns regarding the Project, please do not hesitate to contact the undersigned.

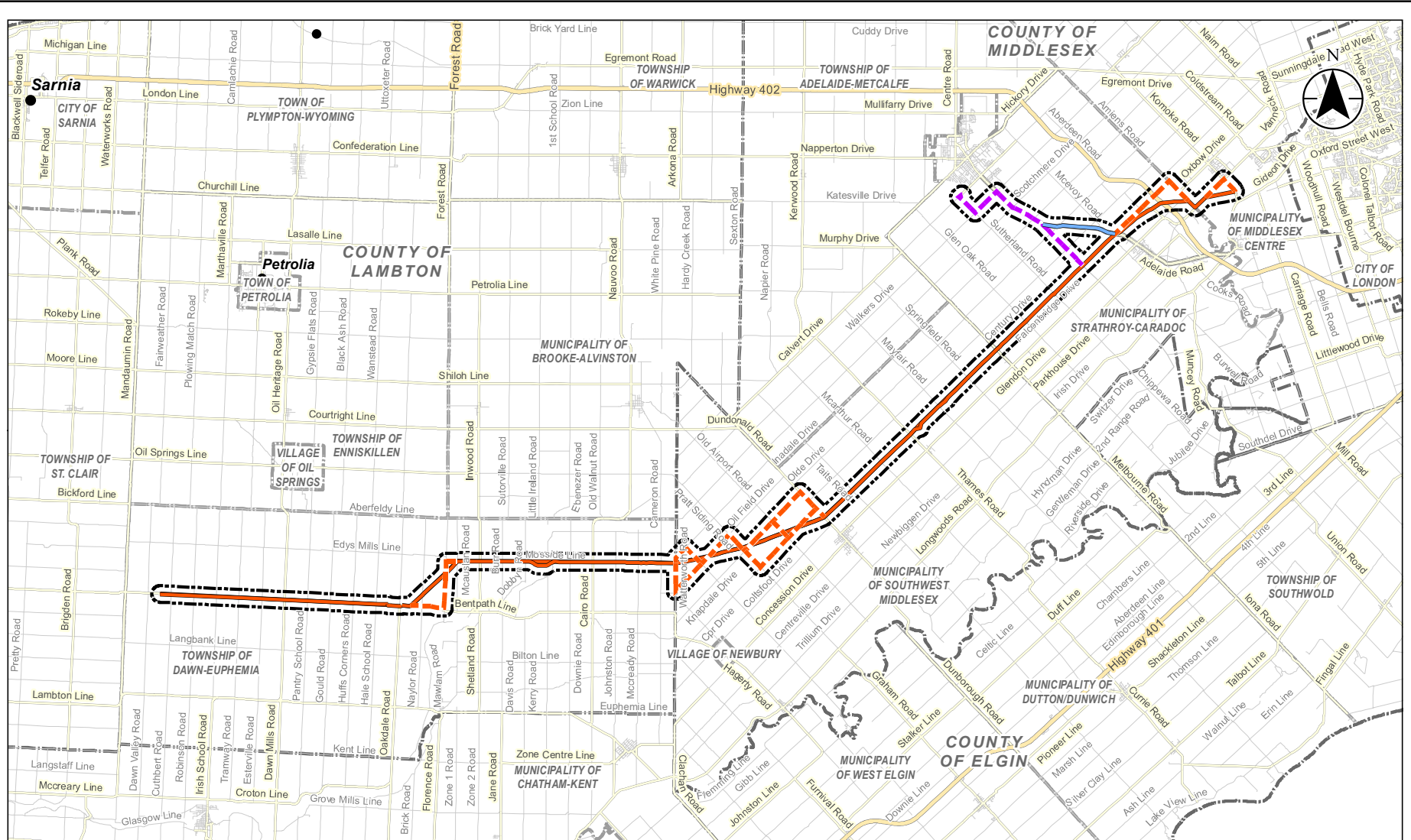
Regards,

**ENBRIDGE GAS INC.**

**Ken McCorkle**  
Senior Advisor, Indigenous Affairs  
Enbridge Gas Inc.  
50 Keil Drive North  
Chatham, ON, N7M 5M1  
PH: 519-436-4600 ext. 5002243  
Cell: 519-365-0584  
Ken.McCorkle@enbridge.com

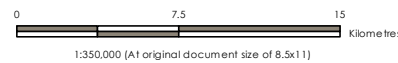
Attachment: Figure 1: London Lines Replacement Project

- c. Kelsey Mills, Sr. Environmental Analyst, Enbridge Gas Inc.  
Rooley Georgopoulos, Senior Project Manager, Stantec Consulting Ltd.



#### Legend

- Existing / Alternative Route
- Alternative Segments
- Strathroy Alternate 1
- Strathroy Alternate 2
- Study Area
- Municipal Boundary, Upper
- Municipal Boundary, Lower



**Notes**  
 1. Coordinate System: NAD 1983 UTM Zone 17N  
 2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2018.

Project Location  
 Counties of Lambton and Middlesex, ON  
 160951031 REVA  
 Prepared by SPE on 2020-04-08

Client/Project  
 ENBRIDGE GAS INC.

Figure No.  
**1**  
 Title  
**London Lines Replacement Project**

**From:** [Georgopoulos, Rooly](#)  
**To:** [clint.couchie@kettlepoint.org](mailto:clint.couchie@kettlepoint.org)  
**Cc:** [Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com); [Kelsey.Mills@enbridge.com](mailto:Kelsey.Mills@enbridge.com); [LondonLines](#); [Hartwig, Emily](#); [Lauren Whitwham](#)  
**Subject:** RE: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)  
**Date:** Wednesday, April 29, 2020 1:06:18 PM  
**Attachments:** [51170\\_LLRP-Virtual-Open-House\\_20200416\\_fnl.pdf](#)

---

Good afternoon, I apologize for the multiple emails, but it has been brought to my attention that the Virtual Open House Presentation Boards that I attached to my last email could not be opened. Please see attached updated version of the Virtual Open House Presentation Boards for the London Lines Replacement Project.

Regards,  
Rooly

**Rooly Georgopoulos** B.Sc.,  
Senior Associate

Direct: 905-415-6367  
 Mobile: 416-729-2300  
 Fax: 905-474-9889  
[rooly.georgopoulos@stantec.com](mailto:rooly.georgopoulos@stantec.com)

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 300W-675 Cochrane Drive  
 Markham ON L3R 0B8

Stantec



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---

**From:** Georgopoulos, Rooly <[Rooly.Georgopoulos@stantec.com](mailto:Rooly.Georgopoulos@stantec.com)>  
**Sent:** Wednesday, April 29, 2020 11:51 AM  
**To:** [clint.couchie@kettlepoint.org](mailto:clint.couchie@kettlepoint.org)  
**Cc:** [Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com); [Kelsey.Mills@enbridge.com](mailto:Kelsey.Mills@enbridge.com); [LondonLines](#) <[LondonLines@stantec.com](mailto:LondonLines@stantec.com)>; [Emily.Hartwig@stantec.com](mailto:Emily.Hartwig@stantec.com); [Lauren Whitwham](#) <[Lauren.Whitwham@enbridge.com](mailto:Lauren.Whitwham@enbridge.com)>  
**Subject:** RE: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

**Sent on behalf of Ken McCorkle (Enbridge Gas Inc.)**

Good morning,

Please find attached the Virtual Open House Presentation Boards and associated script for the London Lines Replacement Project.

Regards,

Rooly

**Rooly Georgopoulos** B.Sc.,  
Senior Associate

Direct: 905-415-6367

Mobile: 416-729-2300

Fax: 905-474-9889

[rooly.georgopoulos@stantec.com](mailto:rooly.georgopoulos@stantec.com)

Stantec

300W-675 Cochrane Drive

Markham ON L3R 0B8

Stantec



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---

**From:** Hartwig, Emily <Emily.Hartwig@stantec.com>

**Sent:** Wednesday, April 8, 2020 6:51 PM

**To:** clint.couchie@kettlepoint.org

**Cc:** Ken.McCorkle@enbridge.com; Georgopoulos, Rooly <Rooly.Georgopoulos@stantec.com>; Kelsey.Mills@enbridge.com; LondonLines <LondonLines@stantec.com>

**Subject:** Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

---

**Sent on behalf of Ken McCorkle (Enbridge Gas Inc.)**

Good evening,

Please find attached a Notice of Commencement and Virtual Open House regarding the Enbridge Gas Inc. ("Enbridge") London Lines Replacement Project (LLRP).

Regards,

**Emily Hartwig** B.Sc., EP.

Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

Mobile: 226 979-4457

[Emily.Hartwig@stantec.com](mailto:Emily.Hartwig@stantec.com)

Stantec

1-70 Southgate Drive

Guelph ON N1G 4P5





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**Stantec Consulting Ltd.**  
300W-675 Cochrane Drive Markham, ON L3R 0B8



April 8, 2020

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6247 Indian Lane  
Lambton Shores ON N0N 1J1

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April 8, 2020  
Page 2 of 2



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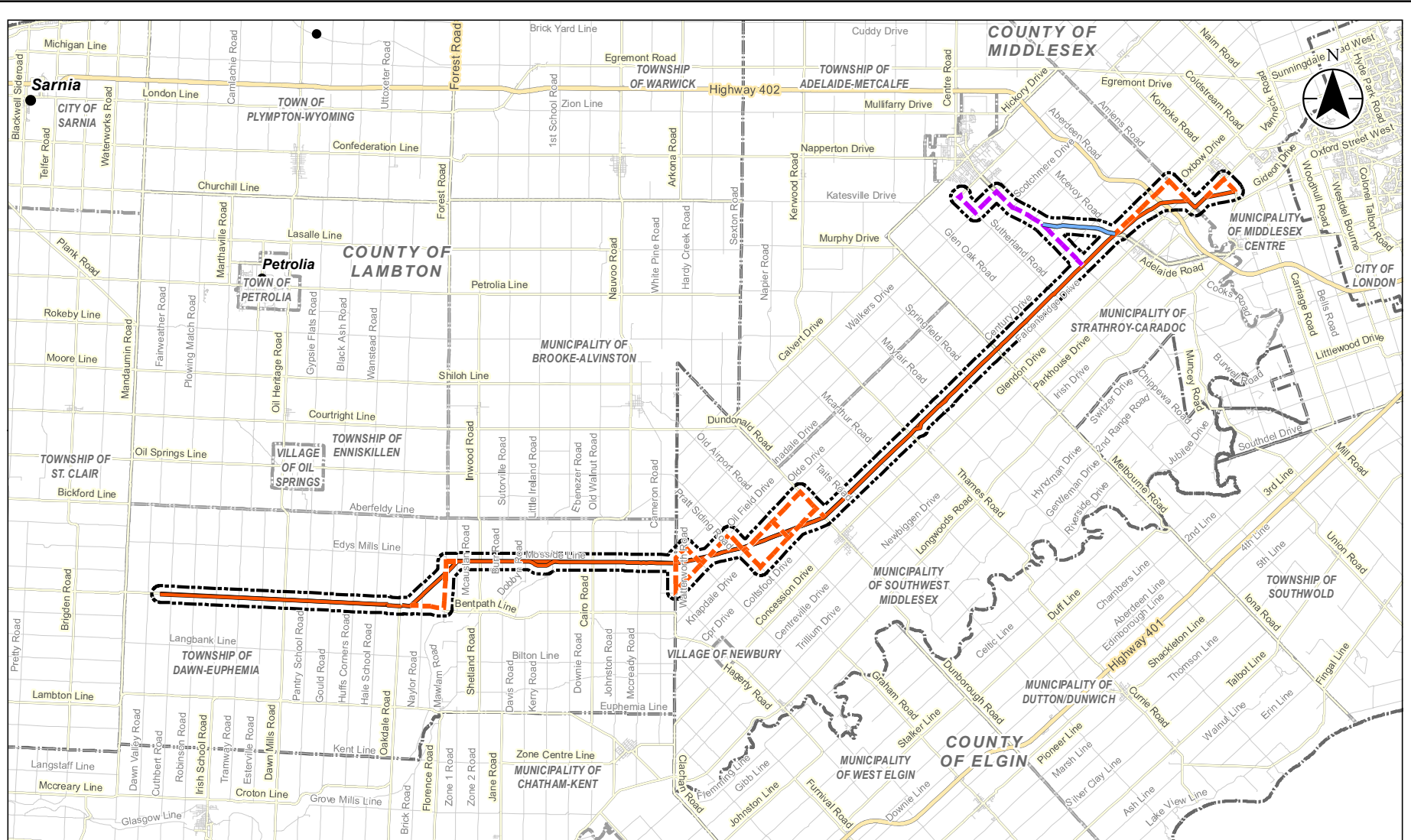
Regards,

**ENBRIDGE GAS INC.**

**Ken McCorkle**  
Senior Advisor, Indigenous Affairs  
Enbridge Gas Inc.  
50 Keil Drive North  
Chatham, ON, N7M 5M1  
PH: 519-436-4600 ext. 5002243  
Cell: 519-365-0584  
Ken.McCorkle@enbridge.com

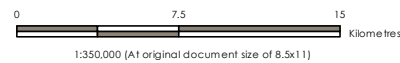
Attachment: Figure 1: London Lines Replacement Project

- c. Kelsey Mills, Sr. Environmental Analyst, Enbridge Gas Inc.  
Rooley Georgopoulos, Senior Project Manager, Stantec Consulting Ltd.



### Legend

- Existing / Alternative Route
- Alternative Segments
- Strathroy Alternate 1
- Strathroy Alternate 2
- Study Area
- Municipal Boundary, Upper
- Municipal Boundary, Lower



**Notes**  
 1. Coordinate System: NAD 1983 UTM Zone 17N  
 2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2018.

Project Location  
 Counties of Lambton and Middlesex, ON  
 160951031 REVA  
 Prepared by SPE on 2020-04-08

Client/Project  
 ENBRIDGE GAS INC.

Figure No.  
 1  
 Title  
**London Lines Replacement Project**

**From:** [Georgopoulos, Rooly](#)  
**To:** [Jason.henry@kettlepoint.org](mailto:Jason.henry@kettlepoint.org)  
**Cc:** [Ken.McCorkle@enbridge.com](mailto:Ken.McCorkle@enbridge.com); [Kelsey.Mills@enbridge.com](mailto:Kelsey.Mills@enbridge.com); [LondonLines](#); [Hartwig, Emily](#); [Lauren Whitwham](#)  
**Subject:** RE: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)  
**Date:** Wednesday, April 29, 2020 1:05:28 PM  
**Attachments:** [51170\\_LLRP-Virtual-Open-House\\_20200416\\_fnl.pdf](#)

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Good afternoon, I apologize for the multiple emails, but it has been brought to my attention that the Virtual Open House Presentation Boards that I attached to my last email could not be opened. Please see attached updated version of the Virtual Open House Presentation Boards for the London Lines Replacement Project.

Regards,  
Rooly

**Rooly Georgopoulos** B.Sc.,  
Senior Associate

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 Mobile: 416-729-2300  
 Fax: 905-474-9889  
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**Sent:** Wednesday, April 29, 2020 11:41 AM  
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**Sent on behalf of Ken McCorkle (Enbridge Gas Inc.)**

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Rooly

**Rooly Georgopoulos** B.Sc.,  
Senior Associate

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Good evening,

Please find attached a Notice of Commencement and Virtual Open House regarding the Enbridge Gas Inc. ("Enbridge") London Lines Replacement Project (LLRP).

Regards,

**Emily Hartwig** B.Sc., EP.

Environmental Consultant, Assessment and Permitting

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## London Lines Replacement Project Virtual Open House



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### Our commitment

- Enbridge is committed to involving community members
- We will provide up-to-date information in an open, honest and respectful manner, and will carefully consider your input.
- Enbridge provides safe and reliable delivery of natural gas to more than 3.7 million residential, commercial, and industrial customers across Ontario.
- Enbridge is committed to environmental stewardship and conducts all of its operations in an environmentally responsible manner.



## London Lines Replacement Project Virtual Open House



### Project Overview

- Approximately 75 kilometers (km) of 8-inch, high pressure, steel, natural gas pipeline, and a secondary 10.5 km, 8-inch pipeline to connect the Town of Strathroy.
- Will replace the two current pipelines known collectively as the London Lines.
- Start within the Township of Dawn-Euphemia and will continue through the Municipality of Southwest Middlesex and will end at two locations: within the Municipality of Middlesex Centre; and at a proposed new station in the Municipality of Strathroy-Caradoc.
- If approved by the Ontario Energy Board (OEB), construction of the proposed pipeline is planned to begin as early as spring 2021 and be in service by the end of 2021.





## London Lines Replacement Project Virtual Open House



### 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, the public, and regulatory authorities regarding the proposed Preferred Route, 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 and Stantec.





## London Lines Replacement Project Virtual Open House



### 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 consultation 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.



## London Lines Replacement Project Virtual Open House



### Ontario Energy Board (OEB) Review and Approval Process

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

- 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](http://www.ontarioenergyboard.ca)

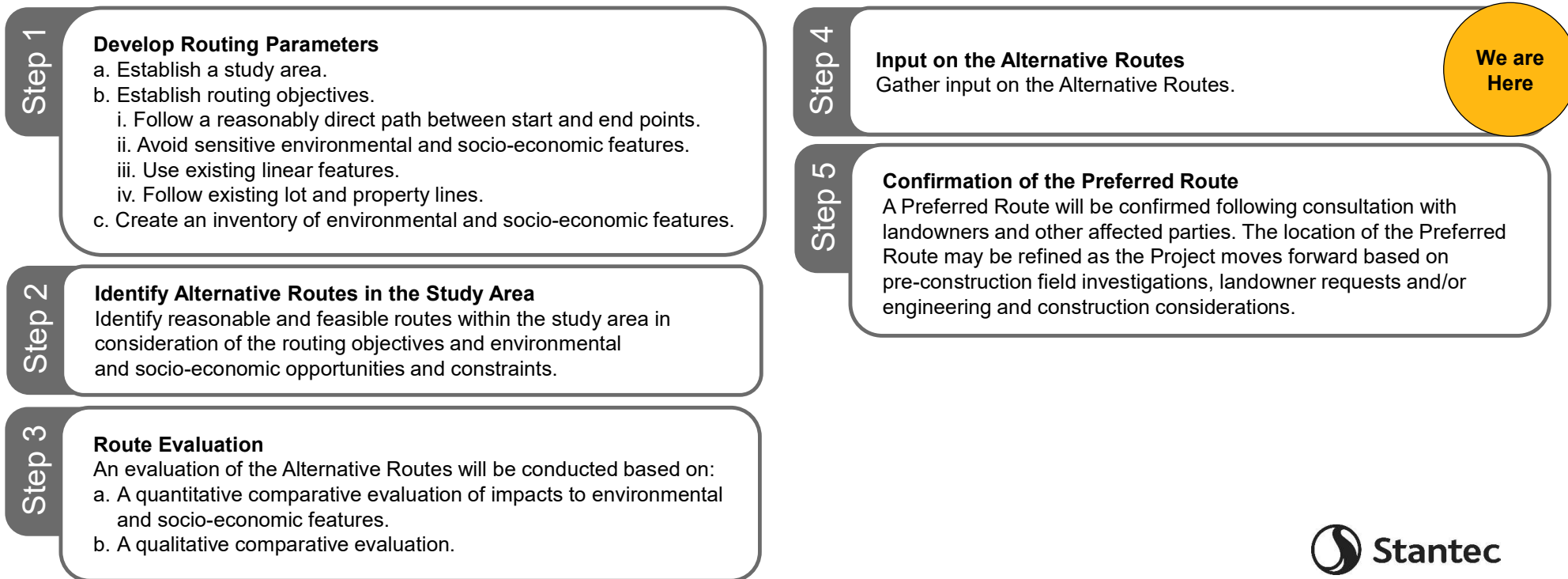


# London Lines Replacement Project Virtual Open House



## Preferred Route selection process

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



## London Lines Replacement Project Virtual Open House



### Route Evaluation Methodology

- Study Area pipeline routing constraints include natural heritage features, slope, topography, and socio-economic features and landscapes.
- A GIS routing exercise was undertaken that examined all mapped routing constraints and opportunities to generate alternative segments.
- The alternative segments follow existing linear infrastructure such as road easements 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:

<https://stantec.maps.arcgis.com/apps/webappviewer/index.html?id=08cbf589324748f598206747f7665976>

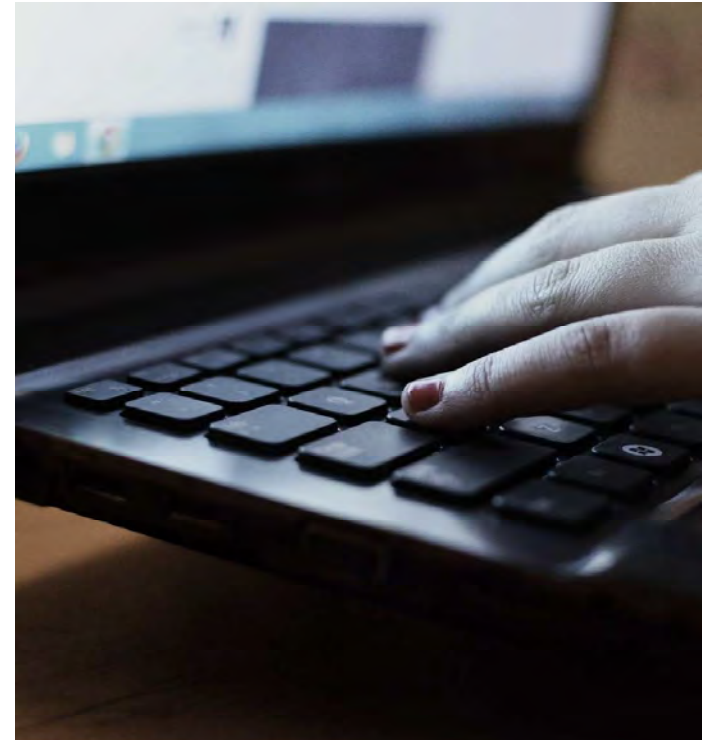


## London Lines Replacement Project Virtual Open House

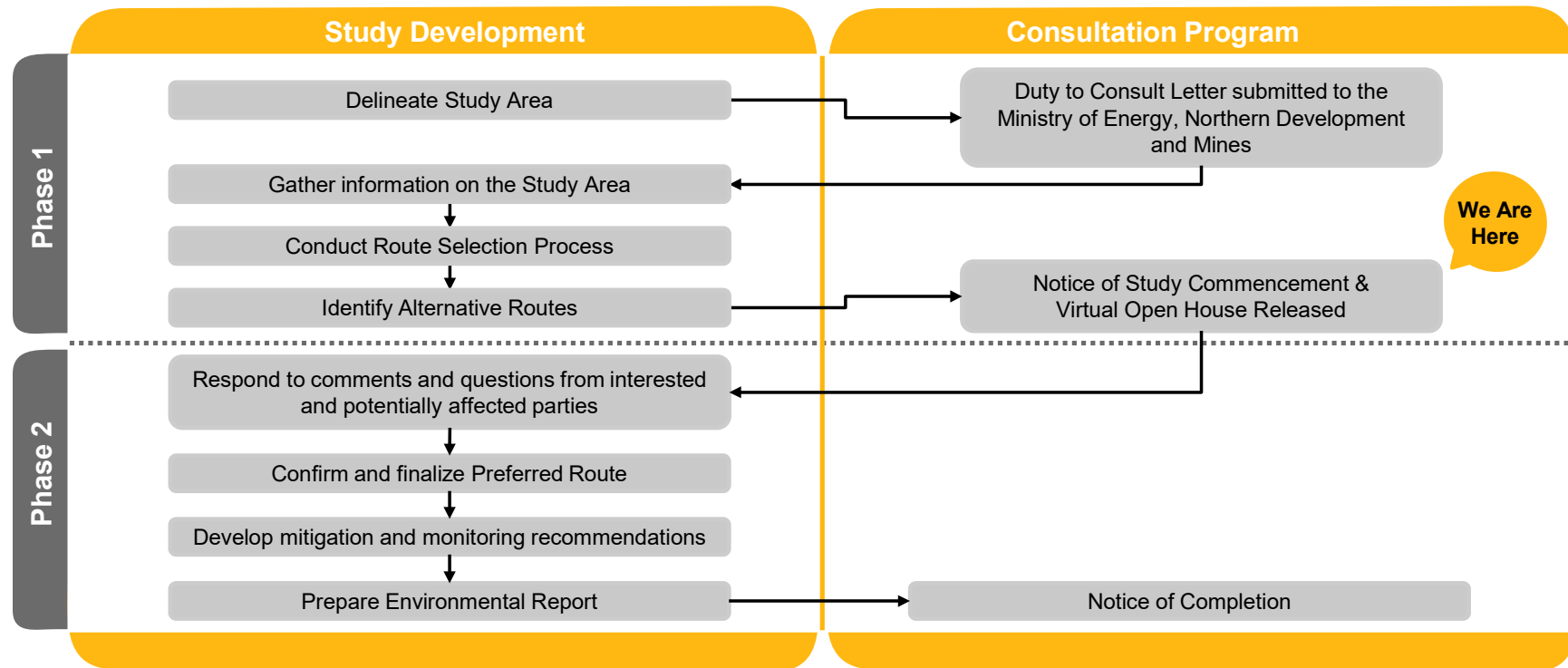


### Consultation

- Consultation is a key component of the Environmental Report.
- The consultation program helps identify and address 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.



## London Lines Replacement Project Virtual Open House



## Environmental Study Process



## London Lines Replacement Project Virtual Open House



### Indigenous People Policy

Enbridge 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 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 commits to pursue sustainable relationships with Indigenous Nations and groups in proximity to where Enbridge 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.



## London Lines Replacement Project Virtual Open House



## Environment, Health and Safety Policy

### Our commitment

- Enbridge is committed to protecting the health and safety of all individuals affected by our activities.
- Enbridge 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 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.





## London Lines Replacement Project Virtual Open House



### Access and Land Requirements

- Once a preferred route is selected, an Enbridge Land Agent will begin discussions with landowners for the appropriate land rights necessary for the construction, decommission and/or removal of the pipeline.
- Enbridge is committed to working with all directly affected landowners in anticipation of acquiring early access agreements in order to gather essential information, including but not limited to, land survey data, environmental, archaeological and property site features, along with negotiating the necessary land rights.
- These land rights will consist of permanent easements and/or temporary land rights. The temporary land rights are only required during project construction activities.
- Enbridge will ensure that a Land Agent is available to each landowner during all pipeline construction activities.
- The Land Agent will keep all landowners informed of the progress of the project and assist with any concerns that may arise as a result of the construction activities.



## London Lines Replacement Project Virtual Open House



### Agricultural Soils

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

- 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 Gas 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.
- Any agricultural drainage systems impacted by construction will be repaired.
- 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 work space necessary for construction of the project will be staked at regular intervals.
- A post-construction cover crop program will be available to landowners.



## London Lines Replacement Project Virtual Open House



### Maintaining Agricultural Drainage Systems

- Landowners will be contacted prior to construction to confirm the location and type of existing drains. Any future drainage plans will also be discussed with the landowner.
- Field tile will be temporarily re-routed during pre-construction activities where required to ensure proper drainage during construction.
- Damaged and severed drains will be repaired following construction. After repair and prior to backfilling, landowners will be invited to inspect and approve the repair. Any on-going field tile issues resulting from pipeline construction will be addressed by Enbridge Gas as required.



## London Lines Replacement Project Virtual Open House



### Socio-economic Features

The project will be constructed through road right of way, private business areas, agricultural and residential land, along with land regulated by both Canadian Pacific and Canadian National Railways, and land regulated by Hydro One, Lower Thames Valley Conservation Authority, St. Clair Region Conservation Authority, and Upper Thames River 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 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).



## London Lines Replacement Project Virtual Open House



### Aquatic Resources

Enbridge understands the importance of protecting wildlife during construction and therefore will implement recognized mitigation measures to minimize possible environmental effects.

#### Potential Effects

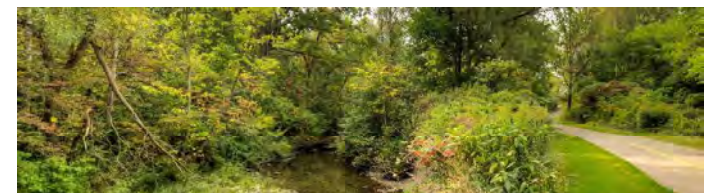
- Disruption and alteration to aquatic species and habitat and/or nuisance effects.
- Increased erosion, sedimentation, and turbidity resulting from removal of vegetation.

#### Example Mitigation Measures

- Conduct surveys of waterbodies.
- Obtain all agency permits and approvals.
- Limit in-channel construction, where possible, and conform to fish timing window guidelines.
- For in-channel construction, protect aquatic species and manage sedimentation and turbidity.
- Restore and seed areas to establish habitat and reduce erosion.
- Replant vegetation along waterways.



## London Lines Replacement Project Virtual Open House



### 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 right-of-way, 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.



## London Lines Replacement Project Virtual Open House



### Terrestrial Resources

During the course of construction, natural heritage 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.
- 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.



## London Lines Replacement Project Virtual Open House



### 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.





## London Lines Replacement Project Virtual Open House



### Pipeline Construction

1. **Site Preparation:** The first crew to enter the construction site is typically the survey and staking crew who delineate the boundaries of the construction area. When required safety fence is installed at the edge of the construction area where public safety considerations are necessary, and aspects of the traffic management plan are implemented (i.e., signs, vehicle access).
2. **Clearing:** The clearing crew clears brush and other vegetation including the temporary work space to permit construction of the pipeline.
3. **Grading and Stripping:** Next, the grading crew prepares the construction area for access by construction equipment. Existing landscaping is also removed, and dewatering undertaken, where necessary.
4. **Stringing:** The stringing crew lays pipe on wooden skids or boxes adjacent to the trench area.
5. **Trenching:** Once the construction area has been prepared, a hydraulic hoe will excavate the trench which will then be prepared for the installation of the new pipeline.
6. **Pipe Fabrication and Lowering:** Next, the pipe is bent as required and the welding crew welds the pipe into continuous lengths. The pipe welds are x-rayed and coated then inspected before the pipeline is lowered into the trench. Crews also install pipes under obstacles such as roads or watercourses by directional drilling. The welds are global positioning system located with locations identified on the weld map along with the identification of each pipe section for future identification.
7. **Hydrostatic Test:** The pipeline is tested hydrostatically. Water is drawn from a suitable local source based on discussions with the appropriate authorities and will be disposed of appropriately (e.g., discharged to land or sanitary sewer, or removed by an Enbridge approved waste disposal provider). Upon completion of the hydrostatic testing, the pipeline is dried, purged of air and prepared for delivery of the product.
8. **Backfilling:** The backfilling crew backfills the originally excavated subsoil over the pipe in the trench. In shallow water table areas, the pipeline may be weighted to provide negative buoyancy. Surplus backfill material will be removed from the construction area. The trench line will be crowned where necessary to allow for soil settlement.
9. **Clean-Up and Restoration:** The clean-up crew is responsible for the restoration of the construction area and other work areas. In natural areas the clean-up crew undertakes restoration including re-seeding of the area and restoring ditch banks, watercourse crossings and wetland areas, and removing erosion and sediment controls. In developed areas the clean-up crew undertakes landscaping plans developed for site restoration.

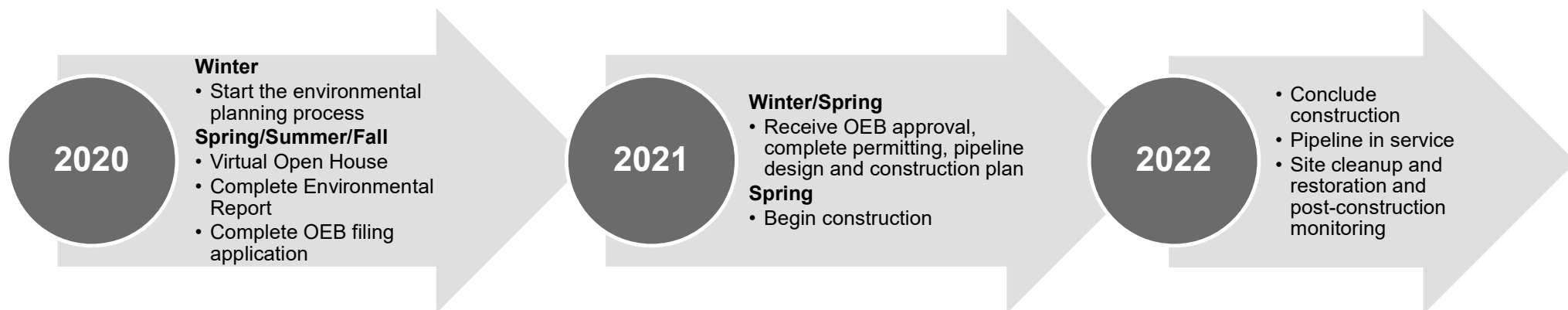


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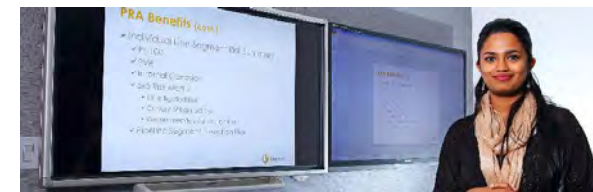


### Next Steps

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



## London Lines Replacement Project Virtual Open House



### 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.

#### **Kelsey Mills**

Environmental Advisor  
Enbridge Gas Inc.  
101 Honda Boulevard  
Markham, ON L6C 0M6  
Phone: (519) 780-8186  
Email: LondonLines@Stantec.com

#### **Rooly Georgopoulos**

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For more information about the proposed project, please visit our project website at:  
<https://www.enbridgegas.com/About-Us> under "Projects"



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- We will provide up-to-date information in an open, honest and respectful manner, and will carefully consider your input.
- Enbridge provides safe and reliable delivery of natural gas to more than 3.7 million residential, commercial, and industrial customers across Ontario.
- Enbridge is committed to environmental stewardship and conducts all of its operations in an environmentally responsible manner.



## London Lines Replacement Project Virtual Open House



### Project Overview

- Approximately 75 kilometers (km) of 8-inch, high pressure, steel, natural gas pipeline, and a secondary 10.5 km, 8-inch pipeline to connect the Town of Strathroy.
- Will replace the two current pipelines known collectively as the London Lines.
- Start within the Township of Dawn-Euphemia and will continue through the Municipality of Southwest Middlesex and will end at two locations: within the Municipality of Middlesex Centre; and at a proposed new station in the Municipality of Strathroy-Caradoc.
- If approved by the Ontario Energy Board (OEB), construction of the proposed pipeline is planned to begin as early as spring 2021 and be in service by the end of 2021.

