

Electric system improvements near you

807L Transmission Line Rebuild

AltaLink's transmission system efficiently delivers electricity to 85 per cent of Albertans. Dedicated to meeting the growing need for electricity, AltaLink connects Albertans to renewable, reliable and low-cost power. With a commitment to community and environment, AltaLink is ensuring the transmission system will support Albertans' quality of life for years to come. Learn more at www.altalink.ca.

You are receiving this newsletter because you are near the 807L Transmission Line Rebuild and we want your input.

AltaLink is proposing to rebuild a portion of an existing 138 kilovolt (kV) **transmission** line to help meet the growing industrial demand for power in the area.

Please see the AESO's Need Overview document included in this package for information regarding the need for this transmission line rebuild.

We are providing you with:

- project details
- maps of the proposed project sites
- information about how you can provide your input
- the project schedule

DEFINITION:

Transmission

Transmission lines make up Alberta's electric highway, linking the places where power is generated to your community where power is used. Transmission lines transport large amounts of power over long distances from power plants across the province. The transmission system connects diverse sources of power generation including wind, high-efficiency coal, natural gas and more.

CONTACT US

1-877-267-1453

stakeholderrelations@altalink.ca
www.altalink.ca/regionalprojects



Above: A typical 138 kV structure. The rebuilt structures will look similar.

Project details

The proposed project involves rebuilding portions of the existing 807L transmission line. The project is located approximately eight kilometres north of the City of Fort Saskatchewan in Strathcona County and Sturgeon County.

AltaLink is proposing to upgrade the conductor (wires) on the line and replace the existing structures. If approved, two sections of the 807L line will be rebuilt for this project. The north section of the line is approximately one kilometre long (see the included FP1-DP1 map) and the south section is approximately 110 metres long (see the included FP2-DP2 map). Please see the included maps for details on proposed access trails and temporary workspace.

The existing structures on the 807L line are wood pole, single-circuit 138 kV structures that are approximately 18 to 25 metres tall. Similarly, the rebuilt structures will:

- be 138 kV single-circuit structures
- be wood or steel pole structures
- be approximately 18 to 25 metres tall
- be approximately three to five metres wide at the cross-arm
- have a distance of approximately 50 to 250 metres between structures
- be within existing road allowances and on private land in a right-of-way approximately 45 metres wide for the north section of the rebuild
- be on private land in a right-of-way approximately 17 metres wide for the south section of the rebuild

Electric and Magnetic Fields (EMF)

AltaLink recognizes that people have concerns about exposure to Electric and Magnetic Fields (EMF) and we take those concerns very seriously. Everyone in our society is exposed to EMF from many sources, including:

- power lines and other electrical facilities
- electrical appliances in your home
- building wiring

National and international organizations such as Health Canada and the World Health Organization have been conducting and reviewing research about EMF for more than 40 years. Based on this research, these organizations have not recommended the general public take steps to limit their everyday exposure to EMF from high voltage transmission lines. If you have any questions about EMF please contact us.

Website: www.altalink.ca/emf

Email: emfdialogue@altalink.ca

Toll-free phone number: 1 -866-451-7817

Providing your input

We will contact landowners, residents and occupants near the proposed transmission line project to gather input and address questions or concerns.

After the consultation process is complete we will file an application with the Alberta Utilities Commission (AUC). The AUC will review the application through a process in which stakeholders can participate.

We will notify stakeholders when we file the application and again once the AUC has reached a decision about the project. To learn more about the AUC process and how you can become involved, please refer to the brochure included in this package titled *Public involvement in a proposed utility development*.

Anticipated project schedule

Notify and consult with stakeholders	July - August 2016
File application with Alberta Utilities Commission	October 2016
Start construction if project is approved	May 2017
Construction completed	July 2017

Although we attempt to follow the anticipated project schedule it is subject to change. We will continue to provide you with updated schedule information if required as the project progresses.

Contact us

To learn more about the proposed project please contact:

ALTALINK

1-877-267-1453 (toll-free)

Email: stakeholderrelations@altalink.ca

Website: www.altalink.ca/regionalprojects

To learn more about Alberta's electric system and the need for this transmission system reinforcement, please contact:

ALBERTA ELECTRIC SYSTEM OPERATOR (AESO)

1-888-866-2959

Email: stakeholder.relations@aeso.ca

The Alberta Electric System Operator (AESO) is an independent, not-for-profit organization responsible for the safe, reliable and economic planning and operation of the provincial transmission grid. For more information about why this transmission system development is needed, please refer to the AESO's Need Overview included with this package, or visit www.aeso.ca. If you have any questions or concerns about the need for this transmission system development you may contact the AESO directly. You can also make your questions or concerns known to an AltaLink representative who will collect your personal information for the purpose of providing your questions and/or concerns to the AESO for follow up. This process may include disclosure of your personal information to the AESO.

To learn more about the application and review process, please contact:

ALBERTA UTILITIES COMMISSION (AUC)

780-427-4903 (toll-free by dialing 310-0000 before the number.)

Email: consumer-relations@auc.ab.ca

PRIVACY COMMITMENT

Altalink is committed to protecting your privacy. Collected personal information will be protected under Altalink's Privacy Policy and the Freedom of Information and Protection of Privacy Act. As part of the regulatory process for new transmission projects, AltaLink may provide your personal information to Alberta Utilities Commission (AUC). For more information about how AltaLink protects your personal information, visit our website at www.altalink.ca/privacy or contact us directly via email privacy@altalink.ca or phone at 1-877-267-6760.

INCLUDED IN THIS INFORMATION PACKAGE:

- Project maps
- AUC brochure: *Public involvement in a proposed utility development*
- AESO Need Overview Document

SUBSCRIBE TO THIS PROJECT

- 1) Visit: altalink.ca/projects
- 2) Search for the project title
- 3) Click **Subscribe to Updates**

LET'S TALK TRANSMISSION



www.twitter.com/altalink



www.facebook.com/altalinktransmission



Maintaining a reliable transmission system

FAST FACT



➤ Routing and siting

The AESO does not carry out detailed routing and siting of the proposed facilities.

AltaLink is the Transmission Facilities Owner (TFO) in the area. AltaLink proposes specific routes and siting details for the facilities.

Contact AltaLink for detailed construction and facilities information.

➤ NEED FOR TRANSMISSION REINFORCEMENT

The demand for electricity in this area is expected to increase in 2017. The AESO has determined that the existing transmission line 807L can become overloaded under certain conditions. Overloaded transmission lines increase the likelihood of electricity interruptions. The AESO is proposing to increase the capacity of the transmission line 807L to ensure the line will not become overloaded as demand for electricity grows.

807L transmission line capacity increase

Location: Maps are included with AltaLink's newsletter in this package.


➤ NEXT STEPS

After the AESO has prepared our Needs Identification Document (NID) and notified stakeholders of the proposed transmission system reinforcement, we will apply to the Alberta Utilities Commission (AUC) for approval of the NID.

The AESO plans to file our NID application with the AUC in fall 2016. You can view it on our website at www.aeso.ca/807Lcapacityincrease

➤ CONTACT US

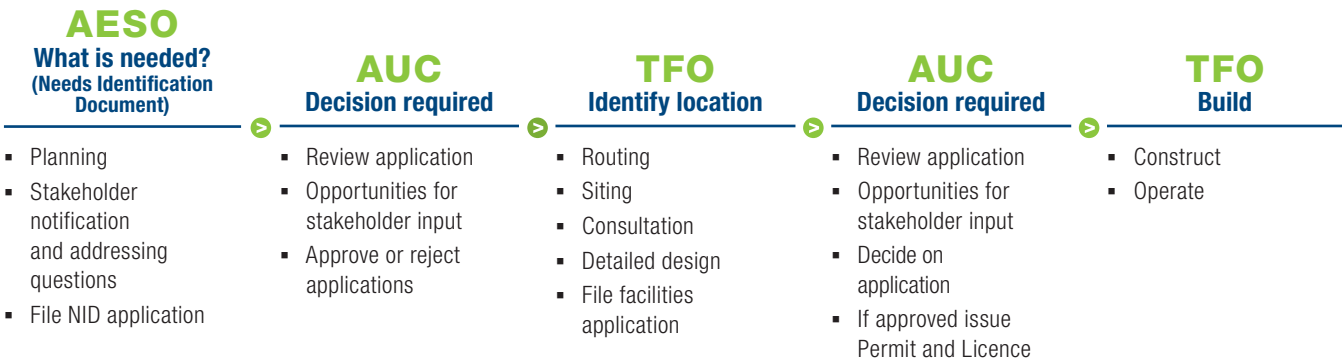
Please contact the AESO directly with questions or comments about the need for this transmission reinforcement.

Marina Lakhani AESO Stakeholder Relations | stakeholder.relations@aeso.ca | 1-888-866-2959
www.aeso.ca | www.poweringalberta.ca |  @theaeso



Developing transmission in Alberta

In Alberta, several steps must be completed in order to build new transmission lines and substations.



Under certain circumstances specific to each project, the AESO and TFO may choose to develop their applications in tandem. In these cases, notification and consultation will be combined and the AUC approval process may be combined as well.

Roles and responsibilities

Part one: Approval of need

The AESO studies the transmission system to identify needed upgrades or expansions, and applies to the AUC for approval of our plans. The AUC is the regulator for transmission development in Alberta. The AESO's application to the AUC is called a Needs Identification Document, or NID. The NID outlines our specific plans to upgrade or expand the transmission system. Stakeholders have opportunities to become involved during the development of a NID application and during the AUC's review of it.

Part two: Approval to build

TFOs build facilities to meet the AESO's identified need. They consult with stakeholders to find locations for new transmission lines and substations and then file facilities applications (FAs) with the AUC for approval. Stakeholders also have opportunities to become involved during the development of a facilities application and during the AUC's review of it.



The AESO is committed to protecting your privacy.

Your feedback, comments and/or contact information collected by the AESO will be used to respond to your inquiries and/or to provide you with further information about the project. The AESO will not use your personal information for any other purposes and will not disclose your information without consent or a legal obligation. If you choose to communicate by email, please note, email is not a secure form of communication. Security of your communication while in transit cannot be guaranteed.





LEGEND

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WO: JSB - STN
FILE NO.: 123512000-002
REVISION: 0.01.00
AL FOLDER: 807L Transmission Project
DATE: 2016-06-16

0 250 500 750 Metres
0 750 1,500 2,250 Feet



DETAIL PHOTO DP1

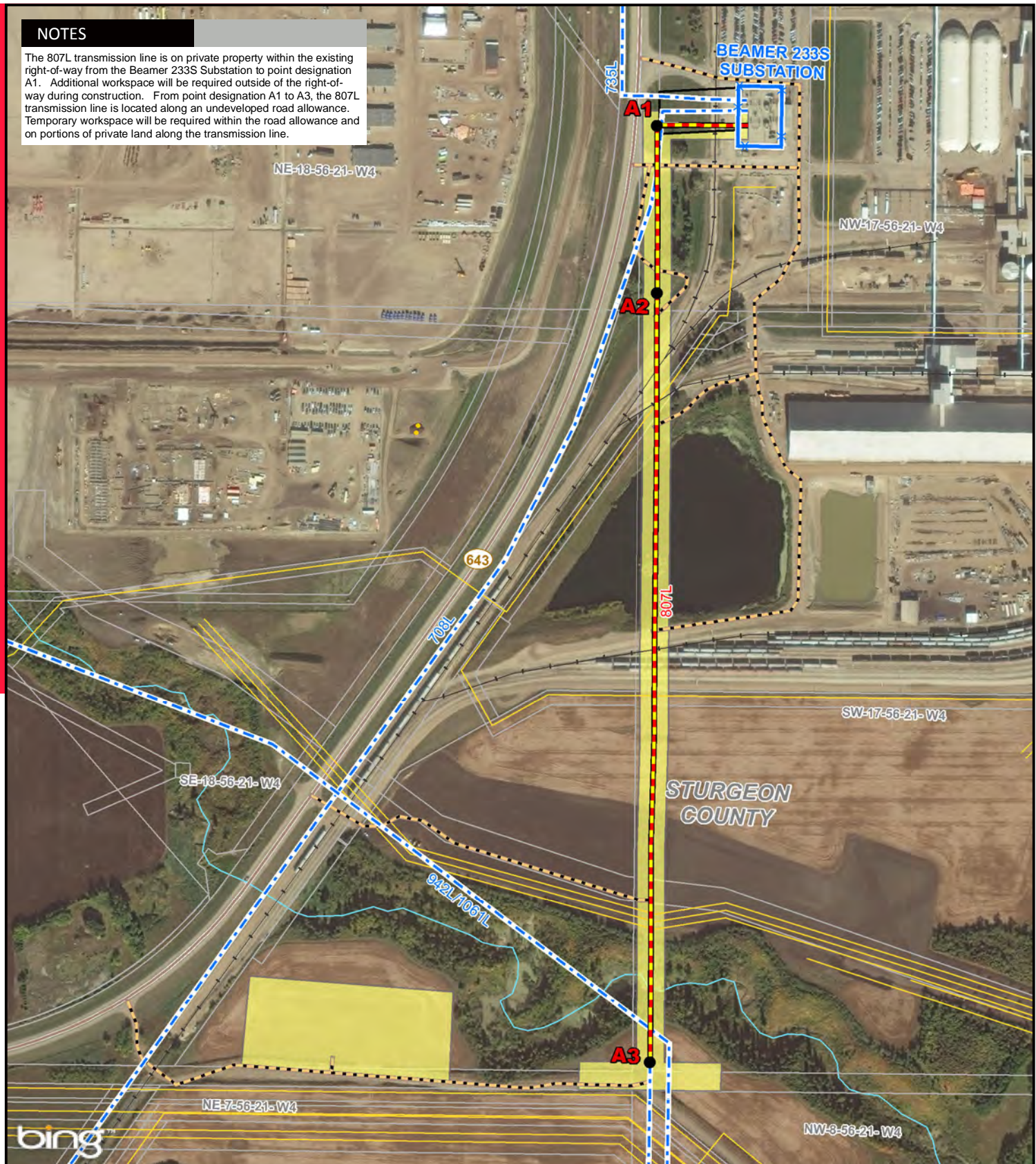


PROPOSED

807L Transmission Line Rebuild

NOTES

The 807L transmission line is on private property within the existing right-of-way from the Beamer 233S Substation to point designation A1. Additional workspace will be required outside of the right-of-way during construction. From point designation A1 to A3, the 807L transmission line is located along an undeveloped road allowance. Temporary workspace will be required within the road allowance and on portions of private land along the transmission line.



LEGEND

- Point Designation
- Proposed Transmission Line Rebuild
- - - Existing Transmission Line
- - - Proposed Access Trail
- 44m Right of Way Boundary
- Existing Substation Fence Line
- Temporary Workspace and Laydown Yard

- Wellsite
- Pipeline
- Railway
- Road
- River or Stream

WO:
DRAWN: JSB - STN
FILE NO.: 123512000-006
REVISION: 0.00.00
AL FOLDER: 807L Transmission Project
DATE: 2016-06-16



0 100 200 Metres
0 300 600 Feet

**Focused on
Detail Photo
– DP1**

FOCUS PHOTO **FP1-DP1**

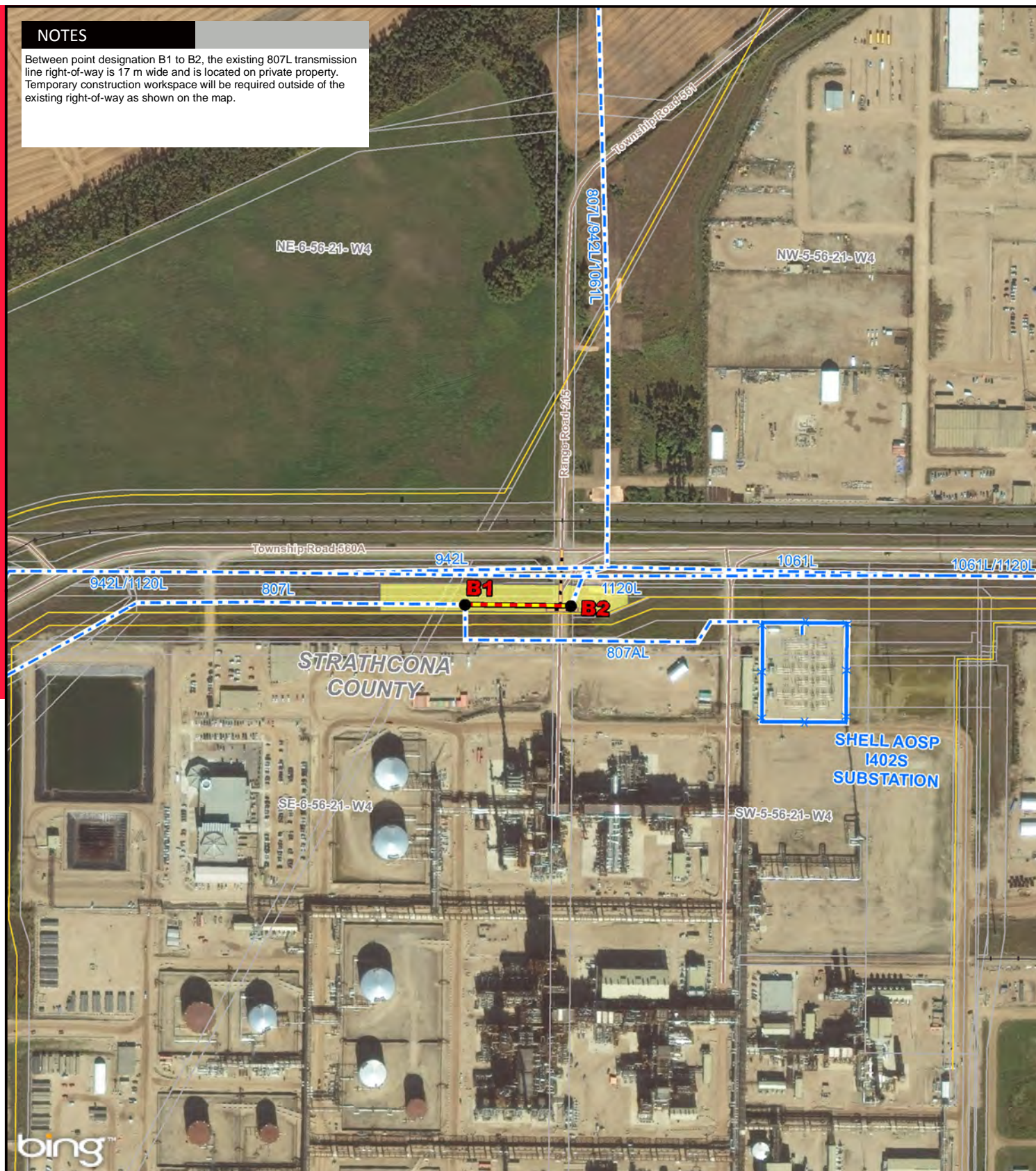


PROPOSED

807L Transmission Line Rebuild

NOTES

Between point designation B1 to B2, the existing 807L transmission line right-of-way is 17 m wide and is located on private property. Temporary construction workspace will be required outside of the existing right-of-way as shown on the map.



LEGEND

- Point Designation
- Proposed Transmission Line Rebuild
- Existing Transmission Line
- Proposed Access Trail
- Existing Substation Fence Line
- Temporary Workspace and Laydown Yard
- Wellsite
- Pipeline
- Railway
- Road

WO:
DRAWN: JSB - STN
FILE NO.: 123512000-006
REVISION: 0.00.00
AL FOLDER: 807L Transmission Project
DATE: 2016-06-16



0 100 200 Metres
0 300 600 Feet

**Focused on
Detail Photo
- DP1**

FOCUS PHOTO FP2-DP1



PROPOSED

807L Transmission Line Rebuild

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Step 6: The public hearing process*

The public hearing process provides an opportunity for those who have been unable to resolve their concerns with the applicant and have made a filing, to express their views directly to a panel of Commission members. The panel reviews the initial filings and grants what is referred to as standing to those who may be directly and adversely affected by the proposed project. Standing is necessary to continue involvement as an intervener in the proceeding which may include the filing of evidence and participation in an oral or written hearing.

The AUC will issue a notice of hearing setting out the hearing date, location and additional process steps and deadlines. An AUC public hearing operates similarly to a court proceeding and is a quasi-judicial process. The general public is welcome to attend as an observer and the hearings are often broadcast online so that those interested can listen-in.

Participants in a hearing can either represent themselves or be represented by legal counsel. In addition, participants may hire experts to assist in preparing and presenting evidence to support their position.

Persons who hire legal counsel or technical experts must be aware that while reimbursement for the costs of legal and technical assistance may be available under Rule 009, recovery of costs is subject to the Commission assessing the value of the contribution provided by counsel and technical experts. People with similar interests and positions are expected to work together to ensure that any expenditures for legal or technical assistance are minimized and costs are not duplicated.

Step 7: The decision

For electric transmission facilities, the need for transmission development filed by the Alberta Electric System Operator to the AUC must be considered to be correct unless someone satisfies the Commission that the needs application is technically deficient, or that to approve it would be contrary to the public

interest. For electric needs applications, the Commission can either approve, deny, or send the application back with suggestions for change.

Commission decisions made about applications filed for a specific utility development, including electric transmission lines, gas utility pipelines and power plants, may be approved, approved with conditions or denied. Decisions are typically released within 90 days from the close of the record as a written report. The decision, available on the AUC website, will summarize the Commission's findings and state its reasons for the decision with any conditions or approval time limits if applicable.

Sometimes needs and facility applications are considered together in a single proceeding.

Step 8: Right to appeal

A participant in a hearing who is dissatisfied with the decision of the Commission may request that the Commission review and vary its decision. Such a request must follow the procedure set out in Rule 016: *Review of Commission Decisions*.

A dissatisfied participant may also file a leave to appeal motion in the Court of Appeal of Alberta within 30 days from the date the decision is issued.

Step 9: Construction and operation

Any applicant that receives a permit to construct and licence to operate a facility from the Commission must adhere to any conditions that were set out in the decision. If you notice something during the construction or operational phases of a project that concerns you, bring this to the applicant's attention. If you are not satisfied with the response you receive, please bring your concerns to the attention of the AUC.

***Denotes opportunity for public involvement**

The Alberta Utilities Commission is committed to ensuring that Albertans whose rights may be directly and adversely affected by utility development in Alberta have the opportunity to have their concerns heard, understood and considered. If you believe you may be directly and adversely affected, you can become involved in the AUC application and review process.

Contact information

Phone: 780-427-4903
Email: consumer-relations@auc.ab.ca

Dial 310-0000 prior to the 10-digit number and then press 1 for toll-free access anywhere in Alberta.

Information session

It is our goal to ensure that you understand the process, and your opportunities for involvement in proceedings to consider utility development applications. For those interested in having an AUC staff member further explain the application and review process or answer questions you may have about your involvement in utility development proceedings, please contact us as we may schedule a formal information session for you. The virtual information session on our website, found under Involving Albertans, will also provide you with further details which could assist you in understanding the process and having your say in a utility development proceeding.

This brochure provides general information only. Specific participation opportunities may differ depending on the type of application.



Public involvement in a proposed utility development

Understanding your rights and options for participating in a proceeding to consider applications for a proposed project in your area

Application process	
Step 1*	Public consultation by the applicant.
Step 2	Application filed with the AUC.
Step 3	The AUC issues a notice of application or notice of hearing.
Step 4*	Interested parties submit filings to the AUC with any outstanding issues or objections.
If the AUC does not receive any submissions, the application will be reviewed and a decision may be made without a hearing.	
Step 5*	The AUC issues a notice of hearing, if it was not already issued in Step 3. <ul style="list-style-type: none">Continued opportunity for consultation and negotiation with the applicant.
Step 6*	Public hearing.
Step 7	The AUC issues its decision. Below are the options the AUC may consider for: Needs applications from the Alberta Electric System Operator: <ul style="list-style-type: none">Approval of application.Return to the Alberta Electric System Operator with suggestions.Denial of application. Facilities applications: <ul style="list-style-type: none">Approval of application.Approval of application with conditions.Denial of application.
Step 8	Option to appeal decision or ask the AUC to review its decision.
Step 9	Approvals, construction and operation of facility, if approved.

Having your say

Early discussions with the applicant about proposed utility developments will often result in greater influence on what is filed in the application for approval. Utility developments include natural gas pipelines, electric transmission lines and substations (including Alberta Electric System Operator needs identification documents), and power plants. Should you have concerns related to a proposed utility development, it is best to have early and ongoing discussions with the applicant.

If your objections cannot be resolved, or you have outstanding concerns upon the filing of an application with the AUC, you have an opportunity to submit an initial filing with your objections in writing to the AUC containing the following information:

- How you may be affected by the proposed project and the location of your land or residence in relation to it or any alternative proposed in the application.
- The potential effect the proposed project may have on your property or interest in the property .
- A description of the extent to which you may be affected, and how you may be affected in a different way or to a greater degree than other members of the general public.

Following this initial filing, you may be able to fully participate in the proceeding. This could include having legal representation and participation in a public hearing. It is important to note that any applied for routes and segments (preferred and alternate) could be chosen as the approved route in the AUC decision.

Step 1: Public consultation prior to application*

Prior to filing an application with the AUC for the approval of a proposed utility development, the applicant is required to conduct public consultation in the area of the proposed project, so that concerns may be raised, addressed and if possible, resolved.

The requirements for consultation and notification, namely the participant involvement requirements, are set out in Rule 007 for electric facilities and Rule 020 for gas utility pipelines.

Potentially affected parties are strongly encouraged to participate in the initial public consultation, as early involvement in discussions with an applicant may lead to greater influence on project planning and what is submitted to the AUC for approval.

Step 2: Application to the AUC

When the participant involvement requirements have been completed, the proponent of the utility development files an application with the AUC. The application must indicate the issues which came up during the public consultation and any amendments considered or made to the project. Any unresolved objections or concerns which arose from the public consultation must be identified in the application.

*Denotes opportunity for public involvement

Step 3: Public notification

The Commission will issue a notice when it receives an application that, in the Commission's opinion, may directly and adversely affect the rights of one or more people. The notice is typically sent by mail to residents in the project area and may also be published in local newspapers. The notice will provide key dates, contacts and participation information for those interested in becoming involved in the application process.

Step 4: Public filings to the AUC*

If you have unresolved objections or concerns about the proposed project filed with the AUC for approval and wish to participate in an AUC proceeding, you must make an initial written filing. Your filing must include your contact information, concern or interest in the application, an explanation of your position and what you feel the AUC should decide. Please be aware that any information or materials filed with the AUC, except information granted confidentiality, is available to the public.

Filing your concerns

The eFiling System is a web-based tool created to manage applications and filings made to the AUC through a proceeding-based review. This system gives access to all public documents associated with applications filed with the AUC and is the most efficient way to provide your input to the AUC and monitor the related proceeding filings.

Those who do not have access to the Internet can send filings, evidence and other material by mail or fax and the AUC will upload the submission on your behalf.

Participant cost reimbursement

A person determined by the Commission to be a local intervener can apply for reimbursement of reasonable costs incurred while participating in an AUC proceeding. Details regarding recovery of participants' costs are described in Rule 009: *Rules on Local Intervener Costs*.

Step 5: Consultation and negotiation*

The Commission supports ongoing efforts to reach a positive outcome for the applicant and all affected parties. The Commission encourages the applicant and those who have made filings to continue to attempt to resolve any outstanding issues. If all concerns can be satisfactorily resolved this may eliminate the need for a formal hearing. However, if there continues to be unresolved issues, typically those matters will be addressed at an AUC public hearing.