

APPENDIX C AESO PIP

Ksituan River 754S Substation Upgrade

PIP Summary

1.0 Participant Involvement Program (PIP)

1.1 PIP Design

The AESO's Participant Involvement Program (PIP) is designed to notify the parties notified in the transmission facility owner's (TFO's) PIP and any other parties that the AESO determines may have an interest in the needs identification document, including, but not limited to:

- i. occupants, landowners or residents;
- ii. local authorities, agencies and government which have responsibilities related to electric transmission line development;
- iii. First Nations and Métis; and
- iv. market participants

(collectively, Stakeholders).

The AESO's PIP has been conducted in accordance with the requirements of Section 6.2.1, NID19 and Appendix A2 of the current Alberta Utilities Commission Rule 007 (AUC Rule 007), effective July 4, 2017.

From January 2017 to May 2018, the AESO conducted a PIP to assist in preparing its *Ksituan River 754S Substation Upgrade Needs Identification Document* (NID). The AESO directed the TFO, in this case ATCO Electric Ltd., to assist the AESO in providing notification as part of the AESO's PIP.

1.2 Stakeholder Notification

The AESO developed a one-page AESO Need Overview document that notified Stakeholders of the following items:

- a description of the need for development;
- a description of the AESO's preferred option to respond to the system access service request;
- identification of the general area where facilities could be installed to implement the AESO's preferred option to respond to the system access service request;
- the AESO's contact information, including telephone, email and website, for further information; and
- the AESO's next steps, including the AESO's intention to apply to the Alberta Utilities Commission (Commission) for approval of the need.

A copy of the Need Overview was posted to the AESO website at <https://www.aeso.ca/grid/projects/ksituan-river-754s-substation-upgrade/> on January 24, 2017

and a notice was published in the AESO Stakeholder Newsletter on January 24, 2017. Copies of the Need Overview posting and the AESO Stakeholder Newsletter notice have been included as Attachments 1 and 2, respectively. The Need Overview was also included with the TFO's project-specific information packages that were distributed to Stakeholders, as further described below.

Stakeholders Notified in the TFO's PIP

The TFO has advised the AESO that its PIP included notification within 200 m of the existing Ksituan River 754S substation and within 200 m of the existing Friedenstal 800S substation, in accordance with AUC Rule 007.

The TFO notified a total of approximately 40 Stakeholders, of which 10 were classified as occupants, residents or landowners. The other 30 notified stakeholders, and the TFO's rationale for their inclusion in the PIP, are listed in Table 1.

Table 1: Summary of Notified Authorities, Agencies, Government Bodies, Indigenous Groups, Industry and Stakeholders

Stakeholder	TFO's Rationale for Inclusion in the PIP
Alberta Culture & Tourism	Local authorities, agencies, government bodies
Alberta Environment & Parks – Land Use	Local authorities, agencies, government bodies
Alberta Government Telephones	Industry
Alberta Transportation – Grande Prairie District	Local authorities, agencies, government bodies
Alberta Transportation & Civil Engineering	Local authorities, agencies, government bodies
Alliance Pipeline Ltd	Industry
ATCO Gas and Pipelines Ltd	Industry
Birchcliff Energy Ltd	Industry
Canadian Natural Resources Limited	Industry
Direct Energy Marketing Limited	Industry
Duncan's First Nation	Indigenous Groups
Horse Lake First Nation	Indigenous Groups
Industry Canada	Local authorities, agencies, government bodies
Insignia Energy Ltd	Industry
Kelt Exploration Ltd	Industry
MLA Dunvegan - Central Peace - Notley	Local authorities, agencies, government bodies
Municipal District of Fairview No. 136	Local authorities, agencies, government bodies
NAV Canada	Local authorities, agencies, government bodies
Norbord Inc	Industry
North Peace Gas Co-op Ltd	Industry
Nova Corporation of Alberta	Industry

Stakeholder	TFO's Rationale for Inclusion in the PIP
Nova Gas Transmission	Industry
Pembina Pipeline Corporation	Industry
Saddle Hills County	Local authorities, agencies, government bodies
Suncor Energy Inc	Industry
TELUS	Local authorities, agencies, government bodies
Town of Fairview	Local authorities, agencies, government bodies
Transport Canada – Air and Marine Programs	Local authorities, agencies, government bodies
Transport Canada - Civil Aviation and Aerodromes	Local authorities, agencies, government bodies
Weyerhaeuser Company Limited	Industry

The TFO developed separate project-specific information packages to notify stakeholders of developments the Ksituan River area and within existing Friedenstal area. Attachment 3 and 4 includes the TFO's project newsletters, which were included in the TFO project-specific information packages that were distributed to the Stakeholders described above between January 18, 2017 and January 25, 2017. The TFO's project newsletters included the AESO's contact information, a description of the AESO's role, a reference to the AESO Need Overview, and an invitation to contact the TFO or the AESO for additional information.

1.3 Filing Notification

Most recently, the AESO notified Stakeholders of its intention to submit the NID to the Commission by posting a Notification of NID Filing to the AESO website at <https://www.aeso.ca/grid/projects/ksituan-river-754s-substation-upgrade/> and a publishing notice in the AESO Stakeholder Newsletter on May 3, 2018. Copies of the Notification of NID Filing posting and the AESO Stakeholder Newsletter notice have been included as Attachments 5 and 6, respectively.

1.4 Responding to Questions and Concerns

To ensure that Stakeholders had the opportunity to provide feedback, the AESO provided Stakeholders with AESO contact information, including a dedicated, toll-free telephone line (1-888-866-2959) and a dedicated email address (stakeholder.relations@aeso.ca). The AESO Need Overview included this contact information, along with the AESO's mailing address (2500, 330 5th Ave. SW, Calgary) and website address (www.aeso.ca), and a privacy statement that described how the AESO is committed to protecting Stakeholders' privacy.

As directed by the AESO, the TFO was prepared to direct any Stakeholder questions addressed to the AESO, or questions regarding the AESO Need Overview, to the AESO.

1.5 Concerns and Objections Raised

The TFO has advised that Stakeholders have not identified any concerns or objections regarding the AESO's preferred option to respond to the system access service request or the need for development. The AESO has not received any indication of concerns or objections from any party about the AESO's preferred option to respond to the system access service request or the need for development.

1.6 List of Attachments

- Attachment 1 – AESO Need Overview (January 2017)
- Attachment 2 – AESO Stakeholder Newsletter Need Overview Notice (January 24, 2017)
- Attachment 3 – TFO's Project Newsletter – *Ksituan River Substation Alteration Project* (January 2017)
- Attachment 4 – TFO's Project Newsletter – *Friedenstal Telecommunication Tower* (January 2017)
- Attachment 5 – AESO Public Notification of NID Filing Website Posting (May 3, 2018)
- Attachment 6 – AESO Stakeholder Newsletter NID Filing Notice (May 3, 2018)

Attachment 1 – AESO Need Overview (January 2017)

Need to upgrade the Ksituan River 754S Substation in the Spirit River Area



FAST FACT

Alberta's electric transmission system comprises the towers, wires and related equipment that are a part of moving electricity from where it is generated to where it is used.

ATCO Electric Ltd. (ATCO) has applied to the Alberta Electric System Operator (AESO) for transmission system access to serve new and growing demand for electricity in the Spirit River area. ATCO's request can be met by the following solution:

> PROPOSED SOLUTION

- Upgrade the existing Ksituan River 754S substation, including adding a 144/25 kilovolt (kV) transformer and a 144 kV circuit breaker.
- Add or modify associated equipment as required for the above transmission developments.

> NEXT STEPS

- In early 2017, the AESO intends to submit a needs identification document (NID) to the Alberta Utilities Commission (AUC) for approval
- Once submitted, the NID will be posted on the AESO's website at <https://www.aeso.ca/grid/projects/>

The following organizations have key roles and responsibilities in providing access to the transmission system:

> THE AESO:

- Must plan the transmission system and enable access to it for generators and other qualified customers
- Is regulated by the AUC and must apply to the AUC for approval of its NID

> ATCO:

- Is the transmission facility owner in the Spirit River area
- Is responsible for detailed siting and routing, constructing, operating and maintaining the associated transmission facilities
- Is regulated by the AUC and must apply to the AUC for approval of its transmission facilities applications

> CONTACT US

We appreciate your views, both on the need for transmission system development and proposed transmission plans. If you have any questions or comments, please contact us directly.

Alberta Electric System Operator
Jennifer Vollmer

AESO Stakeholder Relations

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1-888-866-2959

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www.aeso.ca | [@theaeso](https://twitter.com/theaeso)

> WHO IS THE AESO?

The Alberta Electric System Operator (AESO) plans and operates Alberta's electricity grid and wholesale electricity market safely, reliably and in the public interest of all Albertans. We are a not-for-profit organization with no financial interest or investment of any kind in the power industry.

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 purpose 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.

Attachment 2 – AESO Stakeholder Newsletter Need Overview Notice (January 24, 2017)

Ksituan River 754S Substation Upgrade

ATCO Electric Ltd. (ATCO) has applied to the Alberta Electric System Operator (AESO) for transmission system access to serve new and growing demand for electricity in the Spirit River area. ATCO's request can be met by the following solution:

- Upgrade the existing Ksituan River 754S substation, including adding a 144/25 kilovolt (kV) transformer and a 144 kV circuit breaker.
- Add or modify associated equipment as required for the above transmission developments.

**Attachment 3 – TFO’s Project Newsletter – *Ksituan River Substation Alteration Project*
(January 2017)**

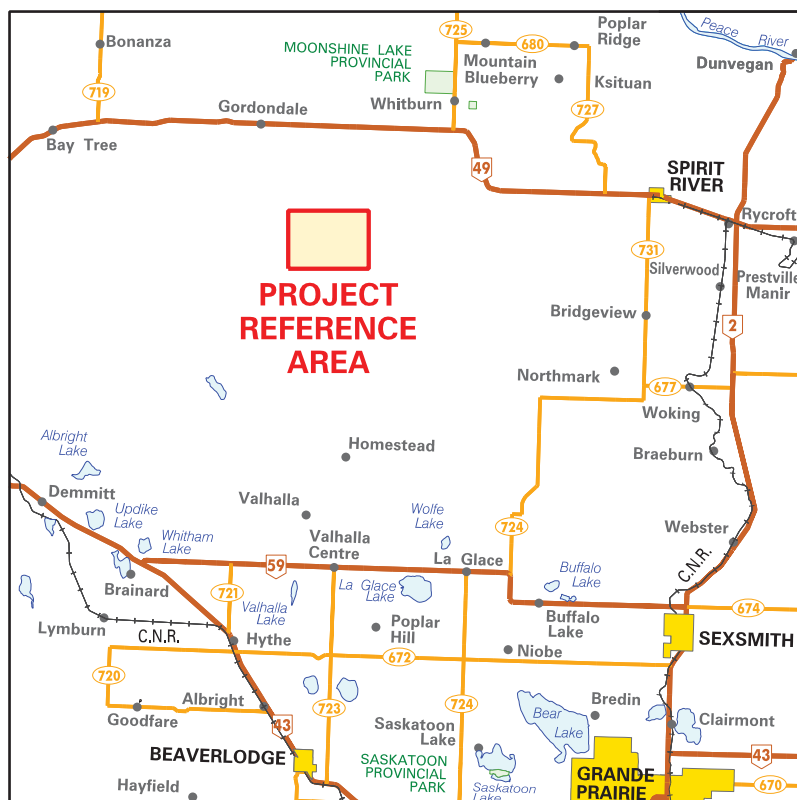


KSITUAN RIVER SUBSTATION ALTERATION PROJECT

You are receiving this newsletter because transmission facility upgrades are being planned in your area. We are seeking your input on how the project may affect you. This package provides important project information and outlines our public consultation process. We invite any comments, questions or concerns you may have. The existing Ksituan River substation (called 754S), located approximately 36 kilometres southwest of Spirit River in Saddle Hills County, requires upgrades to increase its electrical capacity to meet increasing demand for electricity in the area. If approved, this work will include installation of the following:

- One new 144/25 kV 25/33.3/41.6 MVA LTC transformer;
- One new 144 kV breaker; and
- One new 50 metre (m) steel lattice telecommunication tower.

The equipment described above will be installed within the existing boundaries of the Ksituan River 754S substation site (please see the enclosed site layout). This project will also require the addition of a telecommunication tower to the Friedenstal 800S substation.



CREDIT NOTES Base Data: Alberta Data Partnerships 2016

Project Need

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 electric transmission grid. For more information about why this project is needed, please refer to the AESO's Need Overview included with this letter or visit aeso.ca.

If you have any questions or concerns about the need for this project, you may contact the AESO directly. You can also make your concerns known to an ATCO representative who will collect your personal information for the purpose of addressing your questions and/or concerns to the AESO. This process may include disclosure of your personal information to the AESO.

Included in this package

- Ksituan River Substation Alteration Project Newsletter
- Ksituan River Telecommunication Tower Newsletter
- Ksituan River 754S Substation Planned Site Layout Diagram
- Planned Telecommunication Tower Structure Diagram
- AESO Need Overview
- AUC brochure: *Public Involvement in a Proposed Utility Development*
- Reply form and postage paid envelope

CONTACT INFORMATION

Your comments and concerns are important to us. Please contact us if you would like to learn more about this project or if you would like to share information with us.

Call us toll free at 1-855-420-5775 or contact the project planner directly:

Breanna Wise
Right-of-Way Planning
ATCO
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Edmonton, AB T5J 2V6

Phone: 780-420-5003
Email: consultation@atcoelectric.com
Website: www.atcoelectric.com
Fax: 780-420-5030

Alberta Electric System Operator
(AESO)
Phone: 1-888-866-2959
Email: stakeholder.relations@aeso.ca

Alberta Utilities Commission (AUC)
Phone: 780-427-4903
(For toll-free, dial 310-0000 first)
Email: consumer-relations@auc.ab.ca



Proposed Timeline*

January 2017

Notification to landholders, agencies and other interested parties

March 3, 2017

Deadline for submissions of public comment for the proposed telecommunication tower

April 2017

Submission of applications to the Alberta Utilities Commission (AUC) and Industry Canada

June 2017

If approved by the AUC, construction will commence

December 2017

Facilities completed and operating

**Timing may be adjusted to reflect final plans.*

Approval Process

Alberta's electrical system is regulated by the AUC, an independent agency of the province that ensures the fair and responsible delivery of utility services. Before ATCO can begin construction on a project, the AUC must approve the facilities application, which includes details such as location of electric transmission facilities and routes. For more information about how you can participate in the AUC approval process, please refer to the enclosed AUC brochure, *Public Involvement in a Proposed Utility Development*.

Next Steps

The consultation process for this project is ongoing. Please let us know if you have any questions, concerns, or suggestions regarding this project. You can provide feedback and share other information using the enclosed reply form and postage paid envelope, by contacting us (toll free) at 1-855-420-5775, or by emailing us at consultation@atcoelectric.com.



KSITUAN RIVER TELECOMMUNICATION TOWER

This newsletter provides you with information about electric transmission facilities being planned in your area. A new telecommunication tower will be constructed within the existing Ksituan River 754S substation site (please see enclosed site layout diagram). The new tower is required to support and enhance ATCO's radio and data communication network, which will help maintain the safety and reliability of the electric system in your area. ATCO is seeking your input on how this project may affect you. If you are in the direct vicinity of the planned facilities, we will contact you in the coming weeks. Once feedback has been considered and the project details finalized, we will submit a facilities application to the Alberta Utilities Commission (AUC), Industry Canada and other agencies as required for the construction and operation of the planned telecommunication tower.

The Saddle Hills County has its own Wireless Communication Tower Policy that outlines their public consultation process. ATCO will follow these guidelines where appropriate, but will at a minimum adhere to Industry Canada's default Public Consultation Process.

Closing date for submission of public comment will be **March 3, 2017**.

Design Requirements

The new tower will meet Transport Canada's aeronautical safety requirement and will be operated in compliance with Health Canada's Safety Code 6 for the protection of the general public and local radio environment. Design construction will meet applicable standards and follow best engineering practices, including structural integrity.

Impacts

No significant environmental effects are expected. Temporary workspace and brushing may be required along the edge of the Ksituan River 754S substation property boundary and in other selected locations. The exact locations of all temporary workspace have yet to be determined and dimensions may vary with final plans. Neighbouring landholders may notice some increased traffic and noise during construction. An environmental assessment under the *Canadian Environmental Assessment Act* is not required for this project.

Tower Details

The project will include the construction of a new steel lattice tower, approximately 50 m high, as well as the installation of related electrical and telecommunication equipment. The tower will support two microwave dishes and other antennas for use by ATCO. The new facilities will be located at the existing Ksituan River 754S Substation site on SE1-78-10 W6M (N55.7287, W119.4093) in Saddle Hills County.

The proposed telecommunication tower will be used to relay data between the nearby Friedenstal 800S substation, other nearby substations, and ATCO's System Control Centre in a direct communication path.

ATCO evaluated the project area for opportunities to share or use existing infrastructure for the microwave dish and antenna placement before proposing the new Ksituan River 754S substation telecommunication tower; however, there are no suitable, pre-existing structures or towers within the project area. Therefore, a new tower structure located at the current site location is proposed for this project.

CONTACT INFORMATION

Your comments and concerns are important to us. Please contact us if you would like to learn more about this project or if you would like to share information with us.

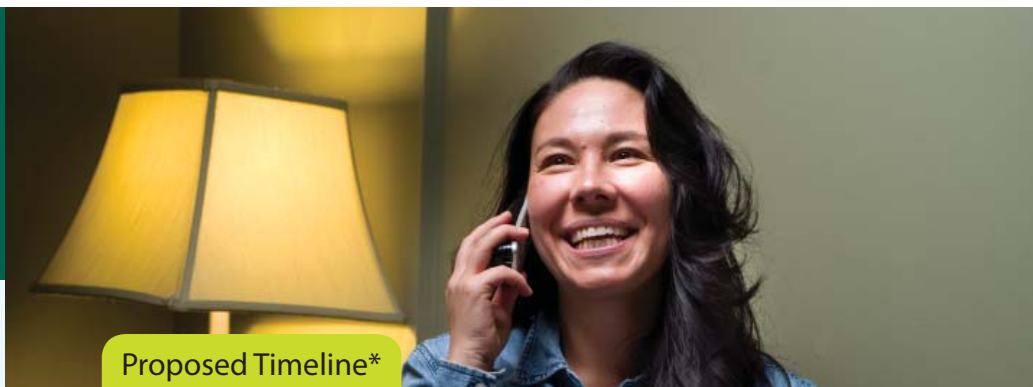
Call us toll free at 1-855-420-5775 or contact the project planner directly:

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Industry Canada Spectrum Management
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Email: spectrum.edmonton@ic.gc.ca
Fax: 780-495-6501

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Phone: 780-864-3760
Email: LJackson@SaddleHills.ab.ca
Fax: 780-864-3904



Proposed Timeline*

January 2017

Notification to landholders, agencies and other interested parties

March 3, 2017

Deadline for submissions of public comment for the proposed telecommunication tower

April 2017

Submission of facilities applications to the Alberta Utilities Commission (AUC) and Industry Canada

June 2017

If approved by the AUC, construction will commence

December 2017

Facilities completed and operating

**Timing may be adjusted to reflect final plans.*

Approval Process

Alberta's electrical system is regulated by the AUC. The AUC is an agency of the province that ensures the services provided by ATCO and other Alberta utilities take place in a fair and responsible manner and are in the public's interest. Before ATCO can begin construction on a project, the AUC must approve the facilities application.

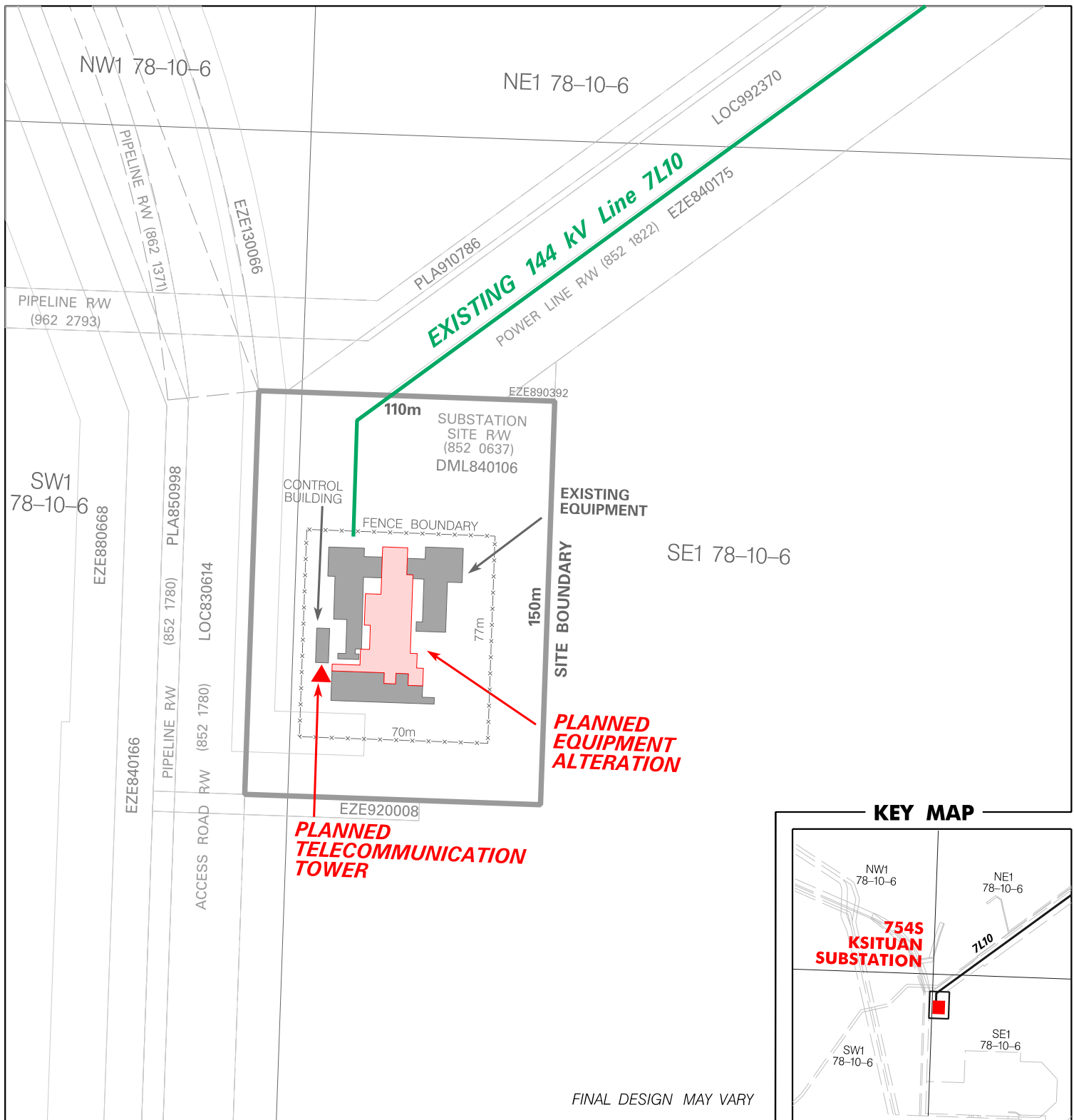
You can provide feedback and share other information using the enclosed reply form and postage paid envelope. For more information about how you can participate in the approval process required by the AUC, please refer to the enclosed brochure entitled *Public Involvement in a Proposed Utility Development*.

An additional approval process is required by Industry Canada. To participate in this process, please contact Industry Canada. General information relating to antenna systems is provided on Industry Canada's Spectrum Management and Telecommunication website.

Website: www.ic.gc.ca/spectrum

For general information relating to antenna systems and public consultation, please contact Industry Canada. For questions regarding land use for the planned replacement tower, please contact Saddle Hills County.

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ATCO

Ksituan River Substation
Alteration Project

754S KSITUAN RIVER SUBSTATION
PLANNED SITE LAYOUT

CREDIT NOTES

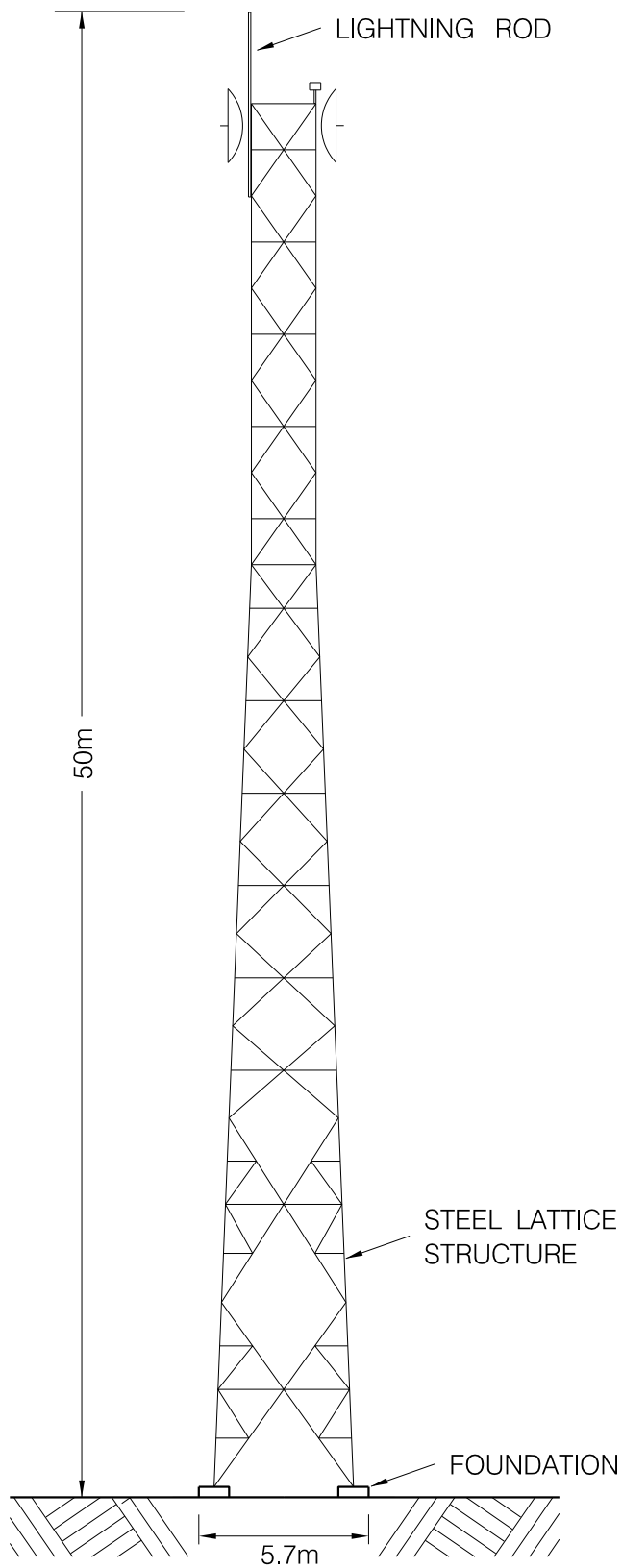
DIDS & Cadastral: Alberta Data Partnerships 2016, Substation: ATCO Electric October 2016, Electrical System: ATCO Electric 2016

Cartographer by: TO

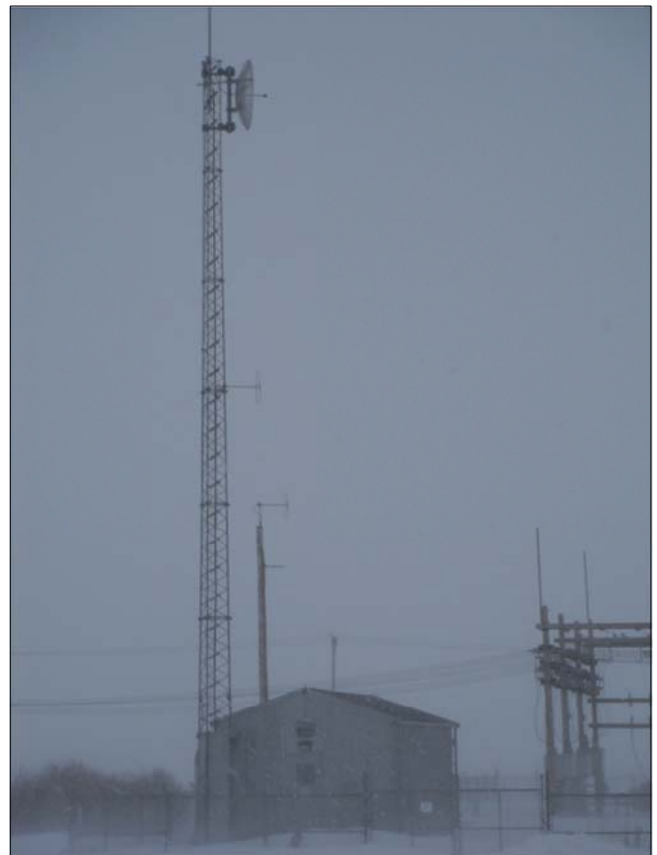
Approved by: AB

December 2016

DWG.NO. RS - 754S - N - 01



TOWER ANTENNAS IMAGE



TOWER STRUCTURE IMAGE

Photos are for illustration purposes only. They may not reflect the final design.

ATCO

Ksituan River Substation
Alteration Project

PLANNED TELECOMMUNICATION
TOWER STRUCTURE

**Attachment 4 – TFO's Project Newsletter – *Friedenstal Telecommunication Tower*
(January 2017)**



FRIEDENSTAL TELECOMMUNICATION TOWER

This newsletter provides you with information about electric transmission facilities being planned in your area. A new telecommunication tower will be constructed within the existing Friedenstal 800S substation site (please see enclosed site layout diagram). The new tower is required to support and enhance ATCO's radio and data communication network, which will help maintain the safety and reliability of the electric system in your area, and in relation to minor alterations at the Ksituan River 754S substation. ATCO is seeking your input on how this project may affect you. If you are in the direct vicinity of the planned facilities, we will contact you in the coming weeks. Once feedback has been considered and the project details finalized, we will submit a facilities application to the Alberta Utilities Commission (AUC), Industry Canada and other agencies as required for the construction and operation of the planned telecommunication tower.

The Municipal District of Fairview No. 136 does not require notification or consultation for telecommunication towers. As a result, ATCO will follow Industry Canada's default public consultation process.

Closing date for submission of public comment will be **March 3, 2017**.

Design Requirements

The new tower will meet Transport Canada's aeronautical safety requirement and will be operated in compliance with Health Canada's Safety Code 6 for the protection of the general public and local radio environment. Design construction will meet applicable standards and follow best engineering practices, including structural integrity.

Impacts

No significant environmental effects are expected. Temporary workspace and brushing may be required along the edge of the Friedenstal 800S substation property boundary and in other selected locations. The exact locations of all temporary workspace have yet to be determined and dimensions may vary with final plans. Neighbouring landholders may notice some increased traffic and noise during construction. An environmental assessment under the *Canadian Environmental Assessment Act* is not required for this project.

Tower Details

The project will include the construction of a new steel lattice tower, approximately 31 m high, as well as the installation of related electrical and telecommunication equipment. The tower will support one microwave dish and other antennas for use by ATCO. The new facilities will be located at the existing Friedenstal 800S substation on SW-35-81-3-W6M (N56.0606, W118.3649) in the Municipal District of Fairview No. 136.

The proposed telecommunication tower will be used to relay data between the nearby Ksituan River 754S substation, other nearby substations, and ATCO's System Control Centre in a direct communication path.

ATCO evaluated the project area for opportunities to share or use existing infrastructure for the microwave dish and antenna placement before proposing the new Friedenstal 800S substation telecommunication tower; however, there are no suitable, pre-existing structures or towers within the project area. Therefore, a new tower structure located at the current site location is proposed for this project.

Included in this package:

- Friedenstal 800S Substation Planned Site Layout Diagram
- Telecommunication Tower Structure Diagram
- AESO Need Overview
- AUC brochure: *Public Involvement in a Proposed Utility Development*
- Reply form and postage paid envelope

CONTACT INFORMATION

Your comments and concerns are important to us. Please contact us if you would like to learn more about this project or if you would like to share information with us.

Call us toll free at 1-855-420-5775 or contact the project planner directly:

Breanna Wise
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Website: www.atcoelectric.com
Fax: 780-420-5030

Industry Canada Spectrum Management
Canada Place Building
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Fax: 780-495-6501

Sandra Rendle
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Email: sandra.rendle@mdfairview.ab.ca
Fax: 780-835-3131



Proposed Timeline*

January 2017

Notification to landholders, agencies and other interested parties

March 3, 2017

Deadline for submissions of public comment for the proposed telecommunication tower

April 2017

Submission of facilities applications to the Alberta Utilities Commission (AUC) and Industry Canada

June 2017

If approved by the AUC, construction will commence

December 2017

Facilities completed and operating

**Timing may be adjusted to reflect final plans.*

Approval Process

Alberta's electrical system is regulated by the AUC. The AUC is an agency of the province that ensures the services provided by ATCO and other Alberta utilities take place in a fair and responsible manner and are in the public's interest. Before ATCO can begin construction on a project, the AUC must approve the facilities application.

You can provide feedback and share other information using the enclosed reply form and postage paid envelope. For more information about how you can participate in the approval process required by the AUC, please refer to the enclosed brochure entitled *Public Involvement in a Proposed Utility Development*.

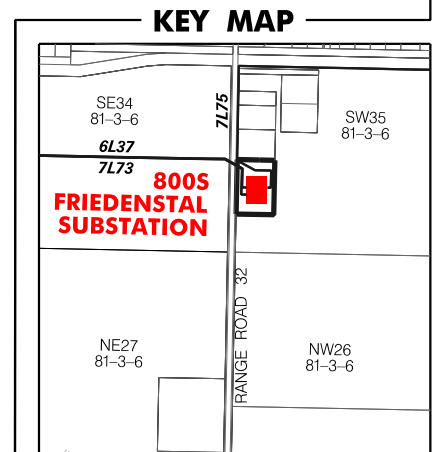
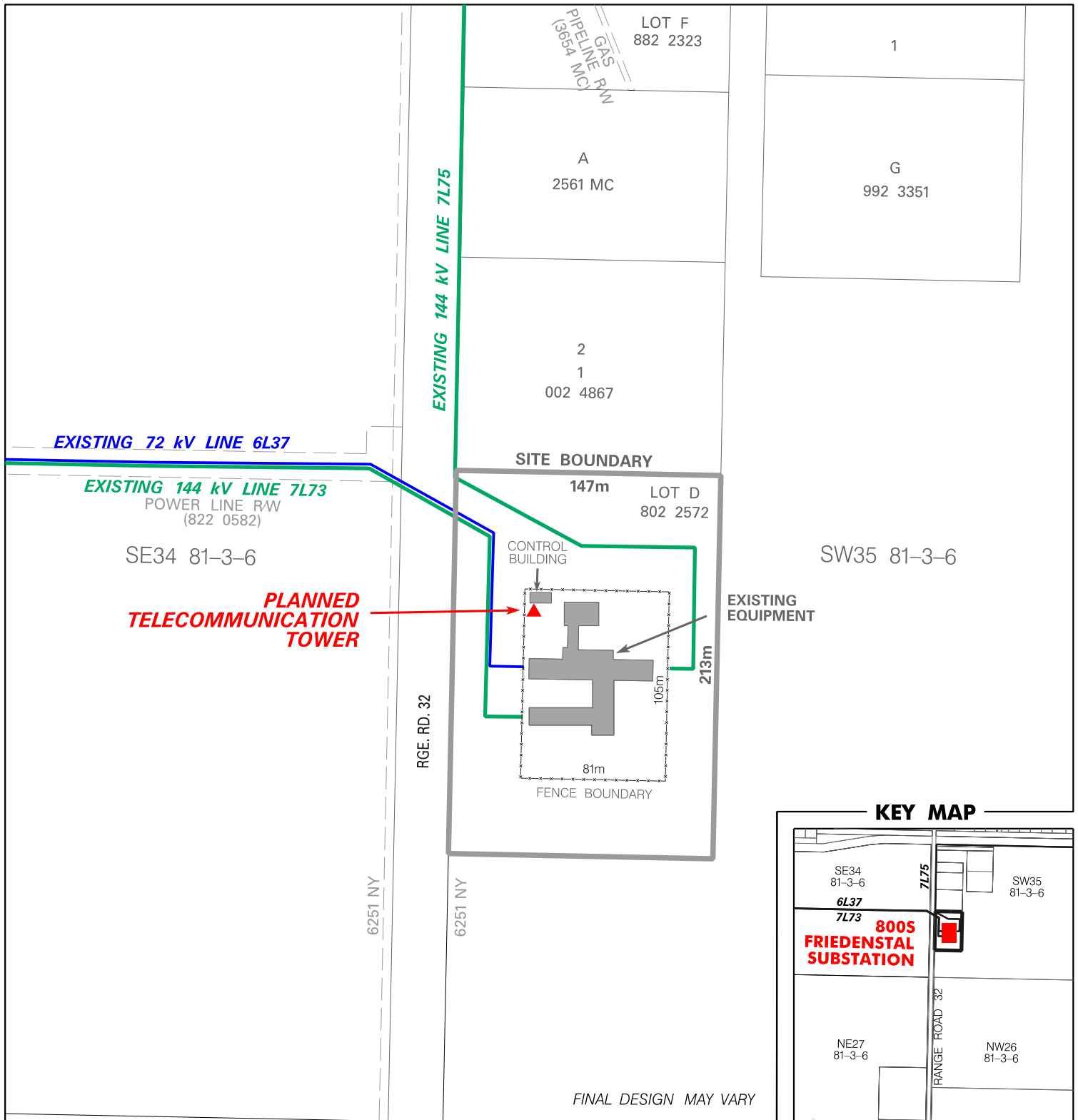
An additional approval process is required by Industry Canada. To participate in this process, please contact Industry Canada. General information relating to antenna systems is provided on Industry Canada's Spectrum Management and Telecommunication website.

Website: www.ic.gc.ca/spectrum

For general information relating to antenna systems and public consultation, please contact Industry Canada. For questions regarding land use for the planned replacement tower, please contact the Municipal District of Fairview.

ATCO
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PLANNED SITE LAYOUT



ATCO

Friedenstal Telecommunication
Project

800S FRIEDENSTAL SUBSTATION
PLANNED SITE LAYOUT

CREDIT NOTES

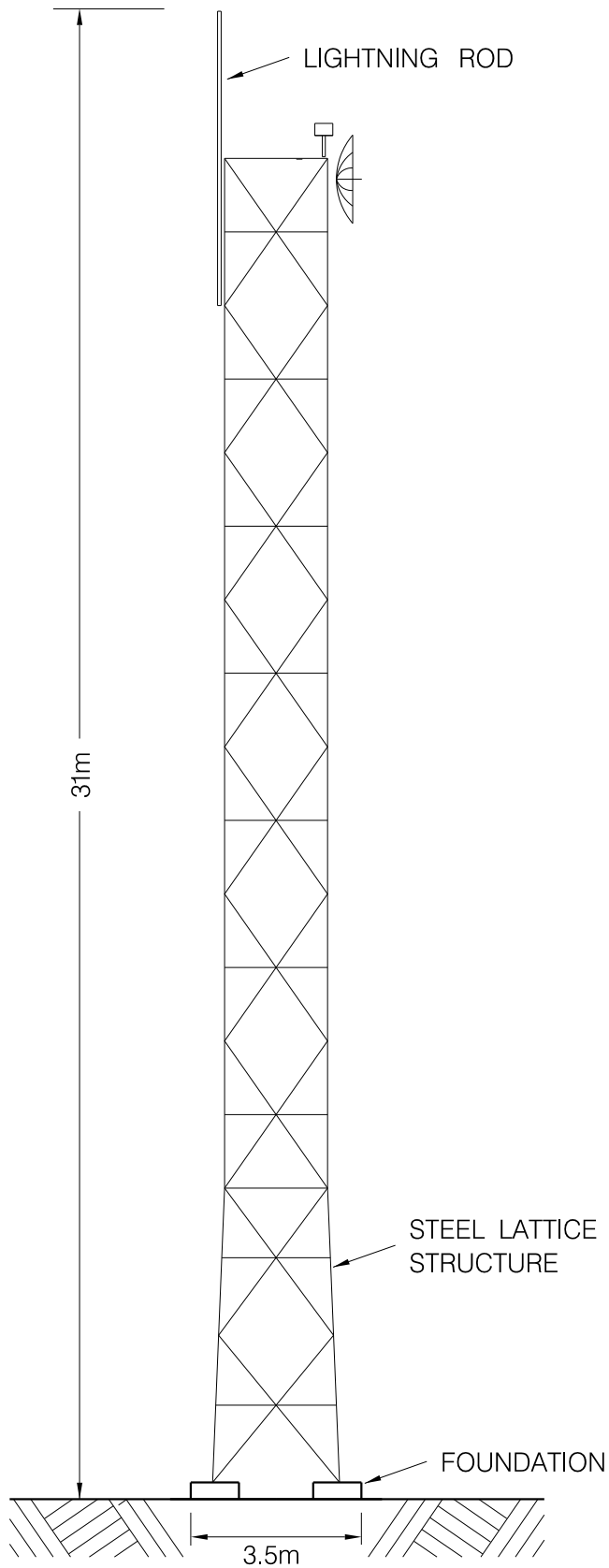
Cadastral: Alberta Data Partnerships 2016, Tower: ATCO Electric October 2016, Electrical System: ATCO Electric 2016

Cartographer by: TO

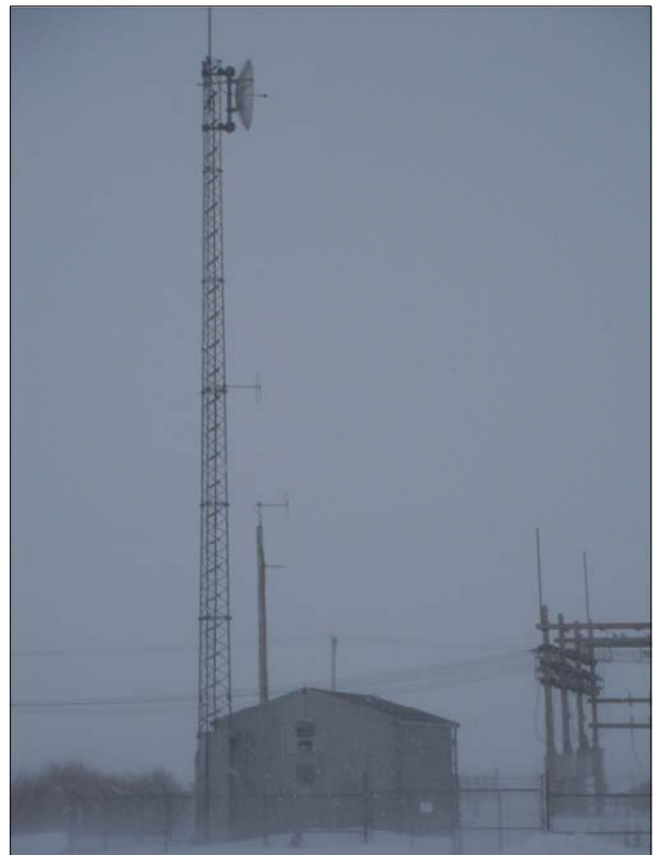
Approved by: AB

December 2016

DWG.NO. RS - 800S - N - 01



TOWER ANTENNAS IMAGE



TOWER STRUCTURE IMAGE

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ATCO

Friedenstal Telecommunication
Project

PLANNED TELECOMMUNICATION
TOWER STRUCTURE

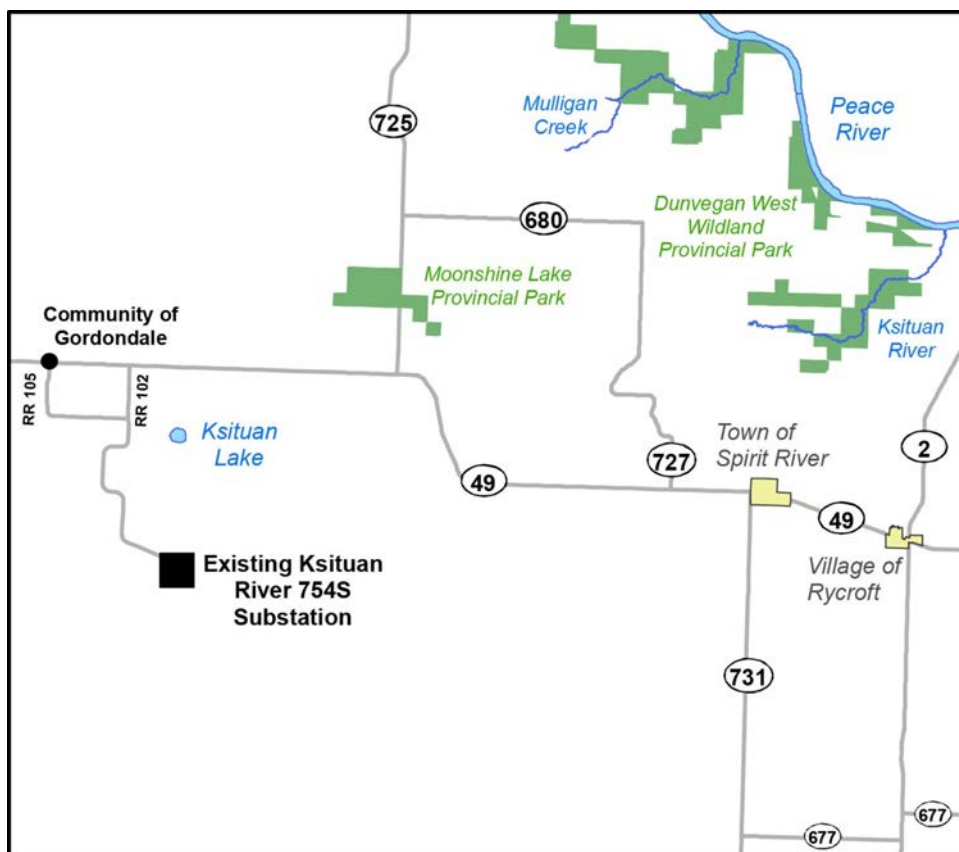
Attachment 4 – AESO Public Notification of NID Filing Website Posting (May 3, 2018)

Notification of Needs Identification Document Filing Addressing the Need for Transmission Development in the Spirit River Area

The Alberta Electric System Operator (AESO) advises you that it intends to file a Needs Identification Document (NID) for the Ksituan River 754S Substation Upgrade with the Alberta Utilities Commission (AUC) on or after May 18, 2018.

ATCO Electric Ltd. (ATCO), has applied to the AESO for transmission system access to serve new and growing demand for electricity in the Spirit River area. ATCO's request can be met by the following solution:

- Upgrade the existing Ksituan River 754S substation, including adding a 144/25 kilovolt (kV) transformer and a 144 kV circuit breaker.
- Add or modify associated equipment as required for the above transmission developments.



The black square on the map indicates the approximate location of the existing Ksituan River 754S substation, which is at SE-1-78-10-W6.

ATCO Electric Ltd. (ATCO) is the transmission facility owner (TFO) in the Spirit River area. In January 2017, the AESO and the TFO began presenting this need to stakeholders, including residents, occupants, landowners and First Nations. The AESO will apply to the AUC for approval of the need for this transmission development. Once filed with the AUC, the NID will be posted on the AESO website at <https://www.aeso.ca/grid/projects/ksituan-river-754s-substation-upgrade/>

In a separate application, called a Facility Application, the TFO will provide more details about the specific facilities associated with the AESO's proposed transmission development, and will request AUC approval to construct and operate these facilities.

For more information, please visit our website, www.aeso.ca or contact us at 1-888-866-2959 or stakeholder.relations@aes0.ca

Attachment 5 – AESO Stakeholder Newsletter NID Filing Notice (May 3, 2018)

Ksituan River 754S Substation Upgrade – Notice of NID Filing

ATCO Electric Ltd. (ATCO) has applied to the AESO for transmission system access to serve new and growing demand for electricity in the Spirit River area. ATCO's request can be met by the following solution:

- Upgrade the existing Ksituan River 754S substation, including adding a 144/25 kilovolt (kV) transformer and a 144 kV circuit breaker
- Add or modify associated equipment as required for the above transmission developments

The AESO intends to file the Ksituan River 754S Substation Upgrade Needs Identification Document (NID) application with the Alberta Utilities Commission (AUC) on or after May 18, 2018, requesting that the AUC approve this NID.

The AESO has posted the Notification of NID filing on its website. Please [click here](#) to view the document or visit the AESO website at www.aeso.ca and follow the path Grid > Project > Ksituan River 754S Substation Upgrade to see all the relevant documents, including the NID application once it is filed with the AUC.