

1.82/1.84L GREEN LINE 11 AVENUE SOUTH

Transmission Line Relocation Project



PROJECT OVERVIEW

To accommodate The City of Calgary's future Green Line LRT project, ENMAX Power Corporation (ENMAX Power) is proposing to relocate a portion of its 138kV underground transmission lines 1.82L and 1.84L (1.82L and 1.84L) in the Beltline area (the Project). Relocation of a portion of 1.82L and 1.84L will accommodate the new LRT network and provide continued reliability of ENMAX Power's transmission system.

The Project involves relocating a portion of 1.82L and 1.84L currently located underground along 11 Avenue South to an underground alignment along 10 Avenue South ('South' is used when referring to the avenues between 1 Street SW and Macleod Trail SE). The new alignment will be located between ENMAX No. 5 Substation (intersection of Macleod Trail SE and 10 Avenue SE) and the intersection of 1 Street SW and 11 Avenue SW. Once the relocation is complete, the existing underground lines along 11 Avenue South between Macleod Trail SE and 1 Street SW will be removed.

PROJECT DESCRIPTION

To construct the Project, ENMAX Power is proposing to excavate (open trench) along 10 Avenue South and along 1 Street SW and install a duct bank that will house two circuits of 138kV cable. The cable will then be installed in the newly constructed duct bank and, once in place, the new cable will be connected to the existing 1.82L and 1.84L transmission lines. In addition, two maintenance holes will be installed along 1 Street SW to allow future access to the newly installed transmission lines.

ENMAX Power will work with The City of Calgary to remove the existing duct bank and maintenance holes located along 11 Avenue South as part of the Green Line LRT project after the transmission lines are relocated.

ENMAX Power anticipates a short construction timeline to meet the needs of the LRT expansion, which will limit potential impacts to residents and businesses in the area.

PROPOSED SCHEDULE

ENMAX Power plans to file a Facility Application with the Alberta Utilities Commission (AUC) in Q2 2022. Subject to receiving approvals and procuring materials, construction is anticipated to begin in Q2 2023 with an expected in-service date in Q4 2023.

For more than 100 years, ENMAX Power has delivered safe and reliable electricity in Calgary.

Maintenance hole: used as an entrance point for our utilities, a maintenance hole provides utility crews the ability to access and maintain our underground infrastructure.

Duct bank: provides a reinforced pathway for transmission lines to be safely buried underground.

Substation: transforms higher voltage electricity from the transmission system to lower voltage electricity, so it can be supplied to homes and businesses through our distribution lines.

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PROJECT IMPACTS AND MITIGATION MEASURES

Road Closures

ENMAX Power does not anticipate the need to close entire roads for the construction of this Project. Lane closures will take place periodically during construction and will be detailed in a traffic management plan to be approved by The City of Calgary. Construction will be done in segments and will be limited to low traffic times on both weekdays and weekends, where possible.

Power Outages

There are no planned power outages associated with project construction.

Access

A construction execution plan is currently in development and ENMAX Power will address access to commercial and residential spaces in the affected area. Temporary access accommodations will be implemented and communicated to local residents and business owners to minimize potential impacts.

COMMITMENT TO COMMUNITY

We are committed to being a responsible corporate neighbour. Our commitment includes providing timely and meaningful engagement with stakeholders about our projects. We provide opportunities for stakeholders, including residents, occupants and landowners, to be informed about our projects, and to engage with us from the planning phase through construction and beyond.

ABOUT ENMAX CORPORATION

Headquartered in Calgary, Alberta, with operations across Alberta and Maine, ENMAX Corporation (ENMAX) is a leading provider of electricity services, products and solutions. Through its subsidiaries, ENMAX Power and Versant Power, ENMAX owns and operates transmission and distribution utilities in Calgary, Alberta and northern and eastern Maine, safely and reliably delivering electricity to all Calgary homes and businesses and more than 159,000 customers in Maine. Through ENMAX Energy Corporation, ENMAX owns and operates 1,512 MW of generation and offers a range of innovative electricity, natural gas and energy services to more than 690,000 residential, commercial and industrial customers across Alberta. ENMAX is a private corporation and The City of Calgary is its sole shareholder.

CONTACT INFORMATION

Your input is valuable to us. We will ensure you get answers to your questions and your concerns are understood. For more information about the proposed Project, please contact:

ENMAX POWER CORPORATION

Phone: 403-514-1471

E-mail: stakeholderrelations@enmax.com

Website: enmax.com/greenline-1-82L

To learn more about the regulatory process, please contact:

ALBERTA UTILITIES COMMISSION

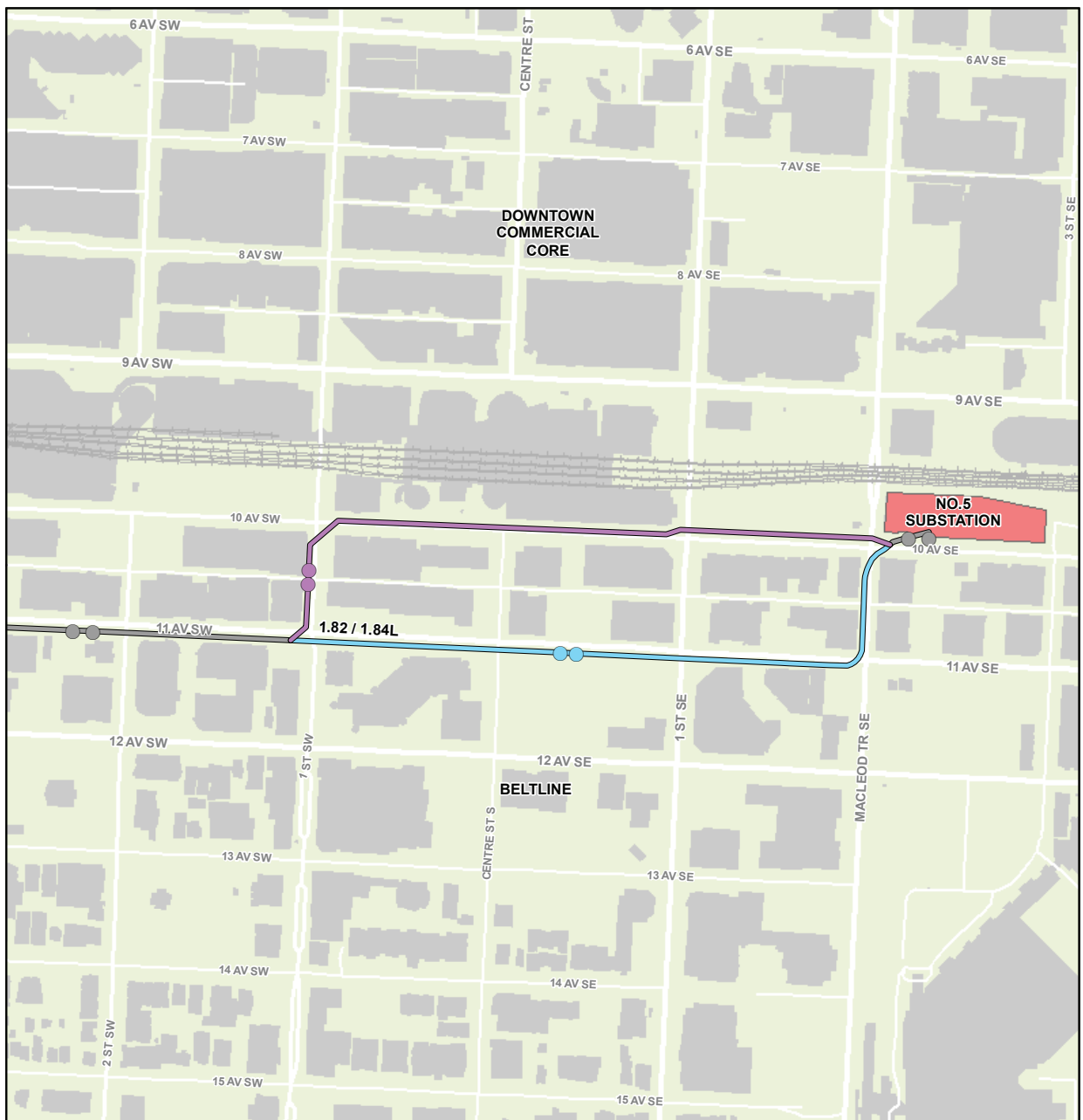
Phone: 403-310-4282

Email: info@auc.ab.ca

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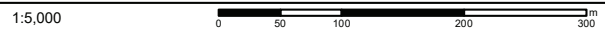
PROJECT MAP



**1.82/1.84L
Green Line
11 Avenue South
Transmission Line
Relocation Project**

Project Map

- Legend**
- Existing Manhole
 - Proposed Manhole
 - Existing Manhole to be Removed
 - Existing Underground Transmission Line
 - Proposed Underground Transmission Line
 - Existing Underground Transmission Line to be Removed
 - Existing ENMAX Substation
 - Railway
 - Buildings



March 2022



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Data sources:
Civil and Circuirtry, ENMAX 2022;
Landbase, City of Calgary 2022.

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