

CENTRAL CALGARY

Transmission Line Replacement



PROJECT OVERVIEW

ENMAX Power Corporation (ENMAX Power) owns and operates 138 kilovolt (kV) transmission line 3.82L (3.82L) which has provided electrical service in central Calgary since the late 1970s. 3.82L is approximately 3.78 km in length and is located underground between ENMAX No. 8 Substation (903 4 Avenue SW) and ENMAX No. 3 Substation (139 17 Avenue NW). 3.82L requires replacement because it has reached the end of its useful life. 3.82L is shown on the Overview Map which is included in this newsletter.

ENMAX Power also owns and operates 138 kV transmission line 2.83L (2.83L) which is located between ENMAX No. 13 Substation (867 32 Avenue NE) and ENMAX No. 2 Substation (3120 9 Street SE).

ENMAX Power is proposing to replace 3.82L by extending 2.83L, thereby maintaining safe and reliable electrical service to those communities in central Calgary that are currently served by 3.82L. The 2.83L extension begins at ENMAX No. 3 Substation (139 17 Avenue NW) and connects to the existing 2.83L transmission line near the intersection of 16 Avenue NE and Deerfoot Trail NE (2.83L Extension).

ENMAX Power intends to file a facility application with the Alberta Utilities Commission (AUC) for approval of the 2.83L Extension, as well as the associated reconfiguration of short spans of transmission lines that connect with ENMAX No. 13 Substation and ENMAX No. 2 Substation and other work required to accommodate the 2.83L Extension at ENMAX No. 3 Substation (collectively, the Project). As part of its facility application, ENMAX Power will also seek AUC approval to discontinue operations of 3.82L.

PROPOSED SCHEDULE

ENMAX Power plans to file a facility application for the Project with the AUC in Q4 2024. Subject to receiving approvals and the procurement of materials, construction is anticipated to begin in Q1 2026. Construction is anticipated to take approximately ten months, with a proposed in-service date in Q4 2026. We encourage stakeholders to consult the webpage for the most up-to-date construction information.

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

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Following initial public notification and ongoing stakeholder consultation about the Project, ENMAX Power has refined the scope of the Project to include **two potential route options for the 2.83L Extension**. ENMAX Power plans on including these two potential route options in its facility application which it intends to file in Q4 2024. These two routes are depicted in the maps included in this newsletter.

ENMAX Power will continue to evaluate both route options as engineering design and stakeholder consultation continues in advance of filing the facility application. Currently, ENMAX Power intends to designate the 2.83L North Route as the preferred route and the 2.83L North Route - Primarily Underground as the alternate route. In its consideration of ENMAX Power's facility application, the AUC can approve either the preferred or alternate route, put conditions on any approval or deny the application.

Depending on the location of your interest in land, we have included a map depicting the proposed work at No. 2 Substation, No. 3 Substation, and No. 13 Substation. Further details can also be found online at enmax.com/centralcalgaryproject. If you are unable to access content online, a copy of these materials can be provided upon request.

PREFERRED ROUTE: 2.83L NORTH ROUTE

2.83L North Route is shown on the map which accompanies this newsletter, with indicative structure locations marked with an "N".

In this route option, the 2.83L Extension exits the ENMAX No. 3 Substation and runs underground east along 17 Avenue NW, crossing Edmonton Trail NE. At structure N1, the transmission line transitions from underground to overhead and follows the southern boundary of Munro Park (structures N2 and N3). This route option turns north at structure N3 and runs along the west side of 4 Street NE and connects to structure N4. This route option then runs east along the south side of 17 Avenue NE, which includes structures N5 to N14. At structure N14, this route option turns south along the east side of Moncton Road NE and connects to structure N15. This route option continues east from structure N15 to N22, where it connects to the existing 2.83L. The route option is approximately 2.5 kilometers in length.

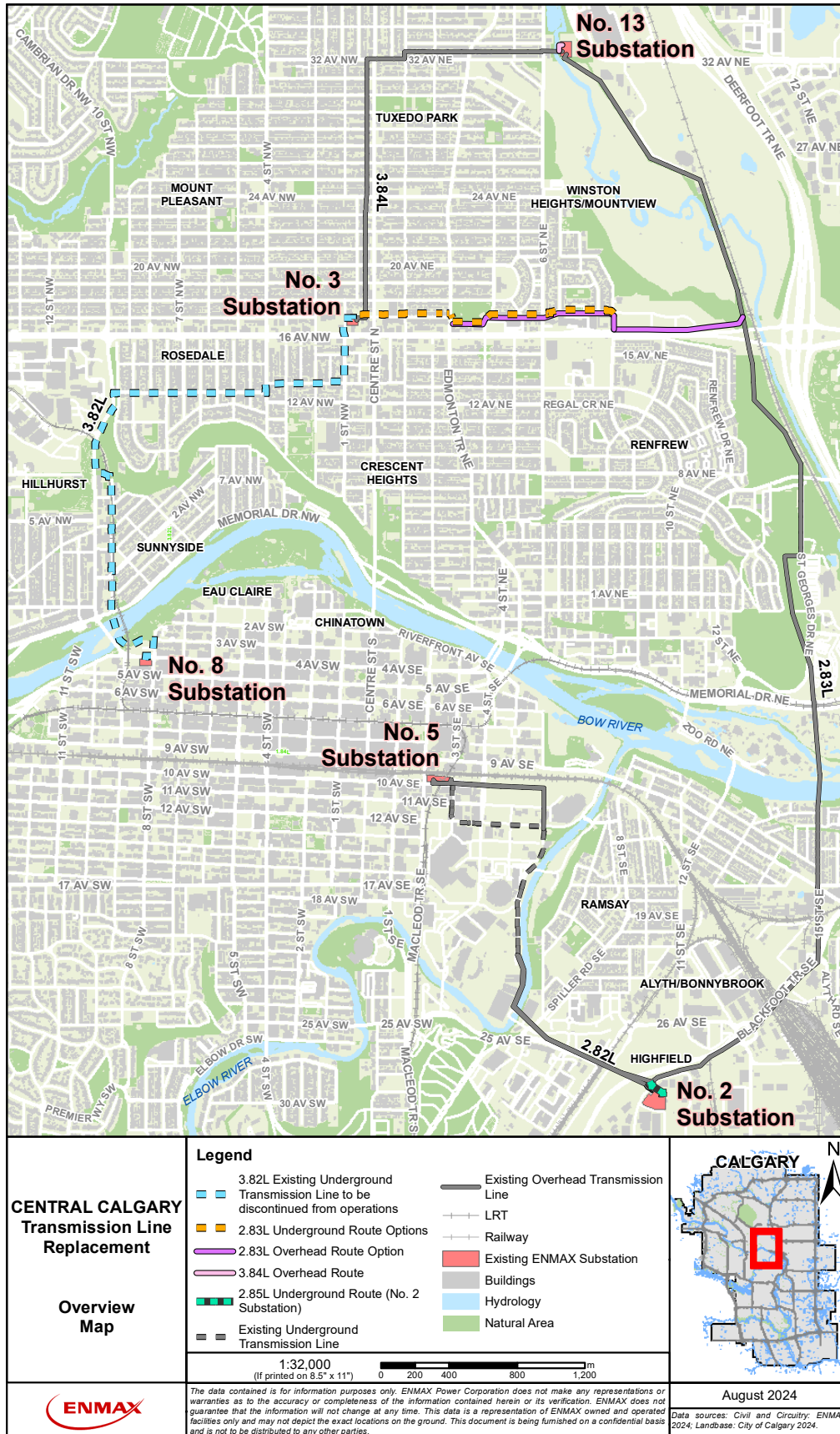
ALTERNATE ROUTE: 2.83L NORTH ROUTE – PRIMARILY UNDERGROUND

2.83L North Route – Primarily Underground is shown on the map that accompanies this newsletter, with indicative structure locations marked with an "N".

In this route option, the 2.83L Extension exits the ENMAX No. 3 Substation and runs underground east along 17 Avenue NW until crossing Moncton Road NE. The alignment of this route option in the vicinity of Munro Park has been amended to run along the southern boundary of the park, instead of through the park as depicted in the prior engagement materials. At structure N14, the transmission line transitions from underground to overhead and then turns south along the east side of Moncton Road NE to structure N15. This route option continues east from structure N15 to N22, where it connects to the existing 2.83L. This route option is approximately 2.5 kilometers in length.

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Transmission Line Replacement - PROJECT OVERVIEW MAP



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PROJECT IMPACTS AND MITIGATION MEASURES

Road Closures

ENMAX Power anticipates the need to close certain roads and lanes periodically during the construction of the Project. Such closures will be detailed in a traffic management plan to be approved by The City of Calgary. Construction will be completed in segments and in a manner that limits impacts to sidewalks, bike lanes, and traffic. Certain activities will be performed during low traffic times on weekdays and weekends, where possible.

Power Outages

There are no planned power outages impacting customers as part of the proposed work.

Temporary Access Accommodations

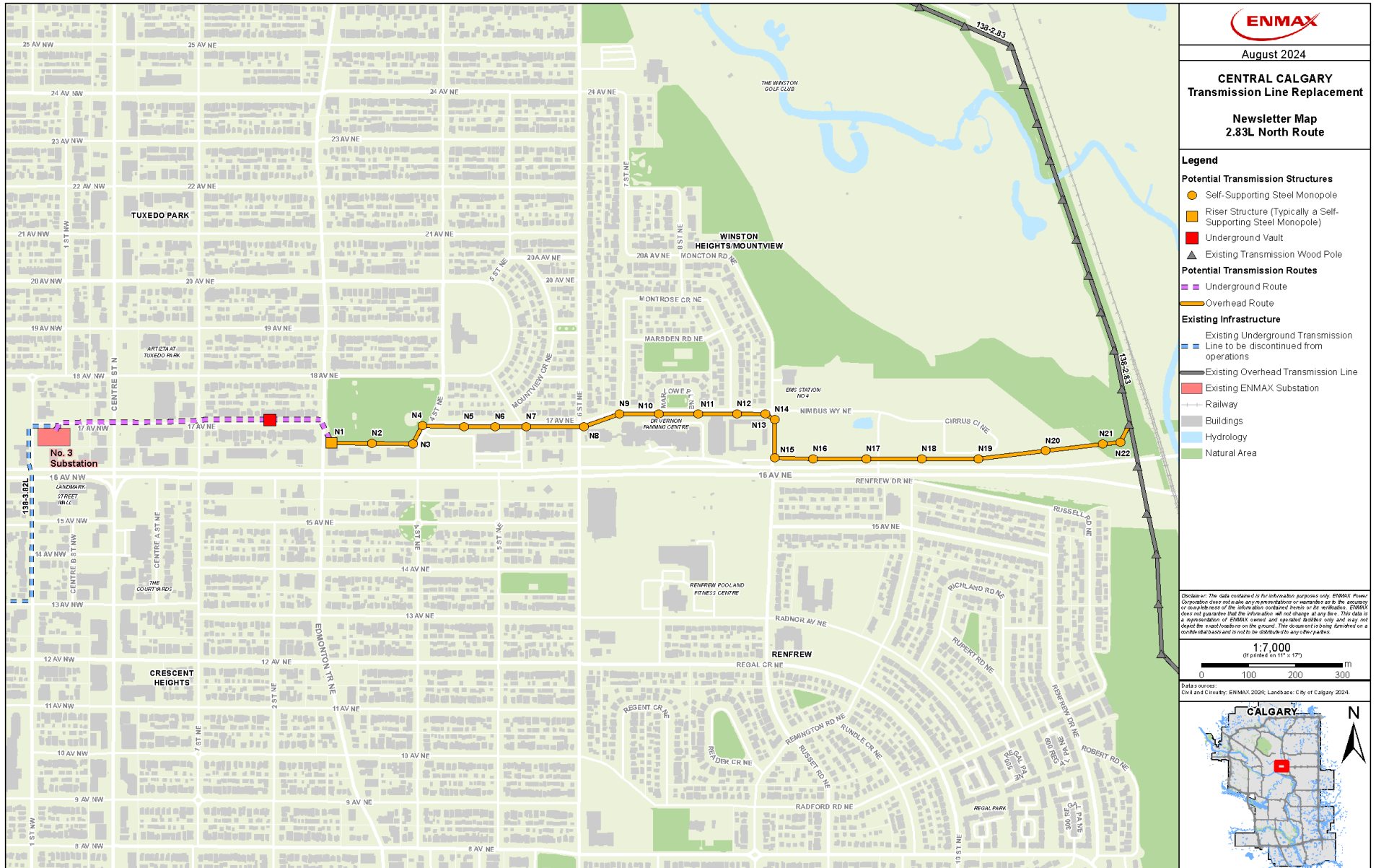
Temporary access accommodations may be required during construction. A construction execution plan is currently in development which will address access to commercial and residential spaces in affected areas. ENMAX Power will work with local residents, business owners, and The City of Calgary to minimize the impact to residences, businesses, and commuters in the area.

Tree Trimming or Removal

Depending on your property location and the approved route, ENMAX Power may be required to trim or remove trees located on or directly adjacent to your property. The tree trimming or removal may require ENMAX Power to access your land. If land access is required to your property, ENMAX Power will contact you to negotiate appropriate agreements. If ENMAX Power is unable to gain the required land access through negotiations, ENMAX Power will take the required steps to obtain land rights.

CENTRAL CALGARY

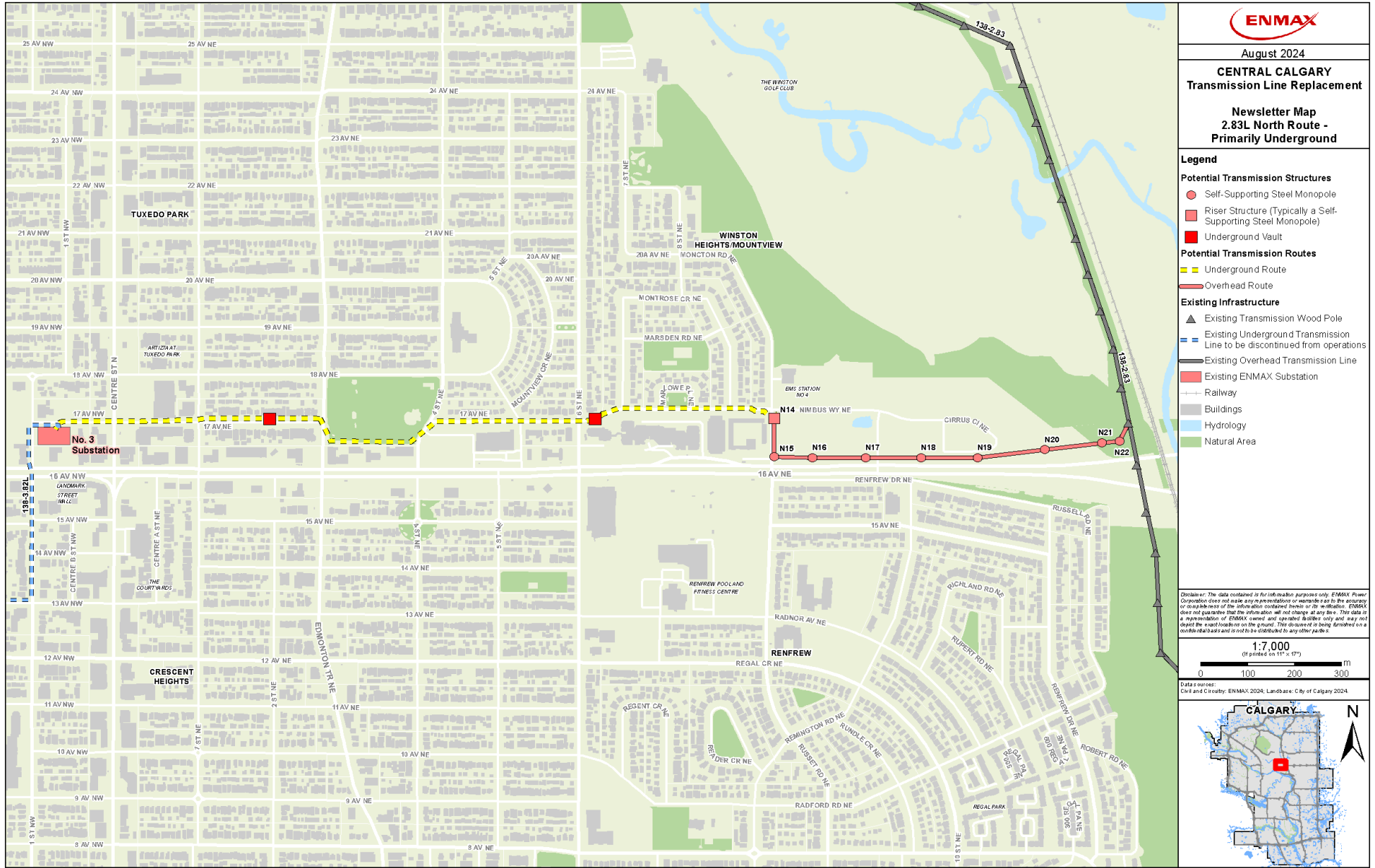
Transmission Line Replacement - **PREFERRED ROUTE: 2.83L NORTH ROUTE**



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Transmission Line Replacement - ALTERNATE ROUTE: 2.83L NORTH ROUTE - PRIMARILY UNDERGROUND



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TRANSMISSION STRUCTURES

Subject to completion of the detailed design, the proposed transmission structures will be a combination of self-supporting steel monopoles, ranging in height from approximately 22 to 28 meters, as required to meet design and safety standards.



Example of Self-Supporting Steel Monopole



Example of Riser Structure
(Typically a Self-Supporting Steel Monopole)

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COMMITMENT TO COMMUNITY

ENMAX Power is committed to being a responsible corporate neighbour. Our commitment includes providing timely and meaningful engagement with stakeholders about our projects and applications. We provide opportunities for stakeholders, including residents, occupants and landowners, to be informed about our projects and applications, and to engage with us at all stages.

ABOUT ENMAX CORPORATION

The ENMAX group of companies is a leading provider of electricity services, products and solutions. ENMAX Corporation (ENMAX) is headquartered in Calgary, Alberta, with operations across Alberta and Maine. Through its subsidiaries, ENMAX Power Corporation and Versant Power, ENMAX owns and operates transmission and distribution utilities that safely and reliably deliver electricity to customers in Calgary and northern and eastern Maine. Through ENMAX Energy Corporation, ENMAX owns and operates power generation facilities and offers a range of innovative electricity and natural gas products and services to 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/centralcalgaryproject

To learn more about the regulatory process, please contact:

ALBERTA UTILITIES COMMISSION

Phone: 403-310-4282

Email: info@auc.ab.ca

Website: auc.ab.ca

For additional information, please scan here:

