

NO: R166

COUNCIL DATE: September 16, 2019

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## REGULAR COUNCIL

TO: **Mayor & Council** DATE: **September 11, 2019**

FROM: **Acting General Manager, Engineering** FILE: **1716-056/H**

SUBJECT: **BC Hydro Infrastructure Relocation for 160 Street Widening Between 26 Avenue and 32 Avenue**

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## RECOMMENDATION

The Engineering Department recommends that Council:

1. Approve the expenditure of \$1,059,563.50 (including GST), payable to BC Hydro for relocation of BC Hydro distribution and transmission infrastructure on 160 Street between 26 Avenue and 32 Avenue;
2. Set the expenditure authorization limit for the relocation of BC Hydro distribution and transmission infrastructure on 160 Street between 26 Avenue and 32 Avenue to \$1,200,000.00 (including GST and contingency);
3. Authorize the General Manager, Engineering to execute a Purchase Order and release payments to BC Hydro in the amount of \$773,850.00 (including GST and contingency) for the relocation of BC Hydro transmission infrastructure 160 Street between 26 Avenue and 32 Avenue; and
4. Authorize the General Manager, Engineering to execute a Purchase Order and release payments to BC Hydro in the amount of \$391,669.85 (including GST and contingency) for the relocation of BC Hydro distribution infrastructure on 160 Street between 26 Avenue and 32 Avenue.

## INTENT

The purpose of this report is to provide an overview to Council and to obtain approval for the payment for the relocation of BC Hydro infrastructure on 160 Street between 26 Avenue and 32 Avenue in order to complete road widening works at this location.

## BACKGROUND

In 2020, the City plans to widen 160 Street from 26 Avenue to 32 Avenue. The road widening work is anticipated to commence in early 2020 and be completed by Spring 2021. As part of this road widening work, BC Hydro will be required to relocate their infrastructure, as illustrated on the map attached as Appendix "I" to this report.

## DISCUSSION

In an effort to accelerate the delivery of this project and ensure the BC Hydro infrastructure relocation work coincides with the completion of the roadwork, the City has coordinated the relocation of the BC Hydro infrastructure to commence in advance of the roadwork. The award of the roadwork contract will be subject to Council approval at an upcoming Council meeting. Should the roadwork contract not proceed, the City retains the ability to suspend the Purchase Orders to BC Hydro and cancel the relocation of the BC Hydro infrastructure.

BC Hydro estimated that their cost to complete the distribution infrastructure relocation work is \$563,659.95 (including GST). BC Hydro is contributing \$207,596.45 (including GST) of the total amount, including 50% labour cost-share contribution for the relocation works and a credit for work being completed by the City. The net result for the distribution infrastructure relocation work is a remaining cost of \$356,063.50 (including GST). BC Hydro estimated that their cost to completion the transmission infrastructure relocation work is \$703,500.00 (including GST). No credit is provided by BC Hydro for the relocation of the transmission infrastructure, which is consistent with their practice across the Province.

Staff have confirmed that the amount quoted for this work is consistent with the costs associated on other capital projects that have required the relocation of BC Hydro infrastructure. Furthermore, in a continued effort to reduce construction duration and costs, the City has requested BC Hydro evaluate opportunities to reduce the cost and schedule associated with this work.

## SUSTAINABILITY CONSIDERATIONS

Relocation of the BC Hydro infrastructure supports the objectives of the City's Sustainability Charter 2.0. In particular, this work relates to the Sustainability Charter 2.0 theme of Infrastructure. Specifically, this work supports the following Desired Outcomes ("DO"):

- All Infrastructure DO1: City facilities and infrastructure systems are well managed, adaptable and long lasting, and are effectively integrated into regional systems; and
- Transportation DO14: Goods movement throughout the city is efficient, and minimizes environmental and community impacts.

## FUNDING

Funding for this purchase order is available in the approved 2019 Transportation Budget.

## CONCLUSION

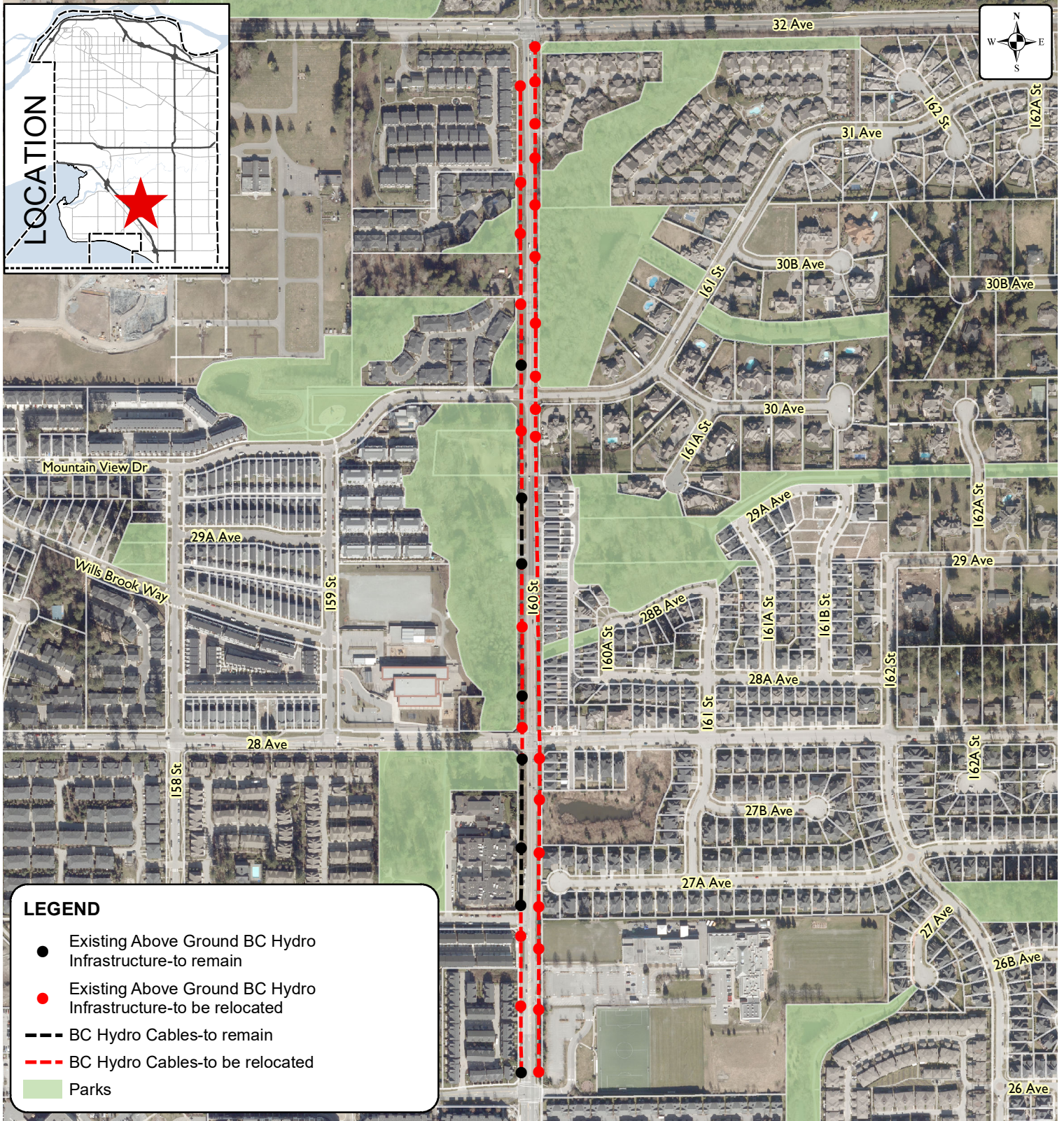
The City is planning to widen 160 Street from 26 Avenue to 32 Avenue. In an effort to accelerate the road widening works, the City has coordinated the relocation of the required BC Hydro infrastructure to commence in advance of the roadwork.

Scott Neuman, P.Eng.,  
Acting General Manager, Engineering

SBN/JA/VJ/GKC/cc

Appendix "I" - Map of Locations - BC Hydro Infrastructure





## BC Hydro Infrastructure 160 Street: 26 Avenue to 32 Avenue

ENGINEERING  
DEPARTMENT