

The Corporation of the City of Kawartha Lakes

Planning Advisory Committee Report

Report Number ENG2019-016

Date: August 7th, 2019

Time: 1:00 p.m.

Place: Victoria Room

Ward Community Identifier: All

Title: Municipal Infrastructure Design Guidelines – Annual Update

Author and Title: Christina Sisson, Supervisor, Development Engineering

Recommendations:

That Report ENG2019-016, **Municipal Infrastructure Design Guidelines – Annual Update**, be received;

That Staff replace the current 23.0 metre rural right-of-way cross-section with the proposed 20.0 metre rural right-of-way on the City's website to better reflect the City's requirements in the rural area; and

That Staff be directed to continue to monitor for any communication improvements and for any current legislative or regulatory enhancements requiring updates to the existing guidelines on the City's website.

Department Head:_____

Financial/Legal/HR/Other:_____

Chief Administrative Officer:_____

Background:

Further to report ENG2017-007 - Municipal Infrastructure Guidelines 2017, ENG2018-016 – Municipal Infrastructure Design Guidelines Update, and Staff's commitment to an annual review of the guidelines, the Development Engineering division has reviewed the existing infrastructure guidelines for potential updates.

Rationale:

There are no regulatory or legislative changes that have occurred in the last year to be reflected in the existing guidelines.

Through contact with Communications, we have confirmed 16,627 reviews of the City's Planning and Development website location since August 2018. In addition, through pre-consultations, design submissions, and inquiries, we have provided linkage to our City website and the specific guidelines for use by consultants in various fields supporting development.

One area that has garnered some concern is rural development when the approved right-of-way is 23.0 metres, attached as Appendix 'A'. This cross-section was developed approximately ten years ago to accommodate the utilities within the City's road right-of-way, specifically, hydro and natural gas. In order to accommodate the rural drainage (ditches) and incorporate the utilities a minimum of 3.0 metres was requested in addition to the 20.0 metre typical municipal right-of-way.

Through the planning process, utilities are circulated and any requirements for services are reviewed and conditions supplied by the utilities directly. Whatever the utilities require is incorporated into the individual engineering designs (i.e. easements, etc.).

According to consultants representing rural property owners and potential developers, this requirement for a 23.0 metre right-of-way has been viewed as excessive, especially as the standard City rural right-of-way is typically 20.0 metres. In addition, the property owner may not have full access to the entire length of road to provide the additional widening.

Therefore, the City is recommending the proposed 20.0 metre rural cross-section, attached as Appendix 'B' to replace the current 23.0 metre version on the City's website.

To further meet the municipal and provincial requirements for environmental, low impact development initiatives and water balance for new development, the proposed cross-section is provided for insertion on the City's website to provide guidance to designers for more sustainable infrastructure. The City's goals for low impact development have been outlined and this proposed cross-section

provides for additional guidance to meeting the environmental requirements. This cross-section attached as Appendix 'C' will support designers and provide some initiative to other alternatives.

Therefore, reviewing the guidelines on an annual basis provides the opportunity to highlight any revisions required and any benefits arising from the guidelines.

Other Alternatives Considered:

Council could choose to continue with the status quo and maintain the existing guidelines without any additional review. This would not represent current and continuous support for the growth and development forecasted for the City. The City is committed to continuous process improvement.

Financial/Operation Impacts:

By having the City take an active role in reviewing infrastructure guidelines across the province and reviewing Ontario Provincial Standard Specification (OPSS) and regulatory updates, the City maintains current and applicable guidelines and reduces the number of re-submissions required to ensure the engineering designs submitted meet the current standards (i.e. better customer service).

Relationship of Recommendations to the 2016-2019 Strategic Plan:

All development is intended to support all three goals of the Council Adopted Strategic Plan – a Vibrant and Growing Economy, an Exceptional Quality of Life, and a Healthy Environment. Development of municipal infrastructure must meet the City's requirements to be sustainable, accessible, and compliant with all regulatory and environmental standards. The engineering review of infrastructure design supports the Strategic Objectives and Actions contained in the plan through review for a stronger and more diversified economy, improved walkability and accessibility, and protection and enhancement of water quality. In addition, the shared working knowledge of the engineering review of both the development applications and the capital program provides for consistent standard work and customer service.

Review of Accessibility Implications of Any Development or Policy:

Accessibility is an integral component of the City's infrastructure design guidelines.

Servicing Implications:

The requirements for complete submissions provide the supporting information for capacity reviews for new municipal infrastructure and/or connections to existing municipal infrastructure. Continued review and encouragement of sustainable infrastructure will benefit the designers coming into our community with guidance, will reduce the amount of infrastructure being proposed and installed, and will better the environment (phosphorus reduction, water balance, safety measures, etc.).

Consultations:

Communications

Engineering Companies

Planning Firms

Ministry of Environment, Conservation and Parks

Attachments:

Appendix 'A' – 23.0 metre Right-of-Way



Appendix 'A'
CKL-407-2017-11 x 1

Appendix 'B' – 20.0 metre Right-of-Way



Appendix 'B' 20M
RURAL ROW 11 x 17

Appendix 'C' – Low Impact Development Right-of-Way



Appendix 'C'
CKL-LID-11x17 SW1S

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