



Corporate NO: R037

Report COUNCIL DATE: February 28, 2000_

REGULAR COUNCIL

TO: Mayor & Council **DATE: February 15, 2000**

FROM: Manager, Utilities **FILE: 0681-001**
Engineering Department

SUBJECT: Subdivision & Development By-law - Engineering Design Criteria Update

RECOMMENDATION

1. That the Subdivision & Development Bylaw, 1986, No. 8830, be amended to incorporate the updated design criteria and construction standards.
2. That the amended By-law be brought forward for consideration by Council.

INTENT

To seek Council's approval of the revised Design Criteria and Standard Construction Documents.

DISCUSSION

Subdivision & Development Bylaw, 1986, No. 8830 sets the criteria and standards for the design and construction of municipal infrastructure in the City of Surrey for both Land Development projects and the City's capital work. The Design Criteria and Standard Construction Documents are schedules to the By-law.

A major update of the Design Criteria was in completed in 1998. This recent update was primarily editorial. Input was gathered from City Staff and external Engineering Consultants. The update process was also brought forward to the Development Advisory Committee for review and comment.

The Development Advisory Committee has struck a sub-committee to review engineering costs associated with land development. Some of their recommendations were incorporated in this update. Others are currently under review.

The most significant changes were as follows:

- The legal language was updated to further protect the City from exposure to risk.
- The results of the recent seismic vulnerability assessment of the water system were incorporated into the design criteria.
- Minor cost-saving measures were introduced to lower the impact on the development industry and the City's capital program.

The net result of the revision are minor cost savings without compromising the City's standards.

With the intensity of the review and the volume of feedback, the Design Criteria and Standard Construction Documents are now considered balanced documents. They meet the needs of the City relative to infrastructure maintenance and operations while optimizing the capital cost of construction to the land development industry and the City's taxpayers and Ratepayers.

Paul Ham, P. Eng.

Manager, Utilities

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