

COMMITTEE OF THE WHOLE (WORKING SESSION) NOVEMBER 9, 2004

OUTDOOR LIGHTING STANDARDS AND DESIGN GUIDELINES

Recommendation

The Commissioner of Planning and the Commissioner of Engineering & Public Works recommend:

1. THAT the presentation by Lightstudio on the draft report "Outdoor Lighting Standards & Guidelines – Phase 1" BE RECEIVED for information.

Purpose

The purpose of this report and presentation by Lightstudio is to provide Council with an update on the outdoor lighting study for Vaughan.

Background - Analysis and Options

On May 23, 2003, Council directed the Commissioner of Planning and the Commissioner of Engineering and Public Works to report back on guidelines and standards for appropriate levels, sizes and types of lighting including qualitative aspects such as lighting that enhances the building and site design, provides a positive ambience at a pedestrian scale and the coordination of on-site lighting with streetscape lighting, where applicable.

Lightstudio, the lighting design consultant, developed a comprehensive approach to outdoor lighting in Vaughan by attending to the following lighting aspects organized in three sections within two study phases:

1. Light Quality - Phase 1
2. Light Use - Phase 1 & Phase 2
3. Light Specification – Phase 2

A design guide has been developed through Phase 1 and part of Phase 2 of the Study to provide:

- An understanding of basic outdoor lighting design issues and opportunities;
- Principles of good lighting design to help the City make sound decisions on outdoor lighting policy; and
- The vocabulary and tools to discuss lighting.

The lighting design guide is also intended to:

- Communicate effectively the outdoor lighting goals (of the community) to planning applicants;
- Create consistent review criteria and set sensible and meaningful lighting guidelines;
- Produce efficient, effective and attractive outdoor lighting; and
- Identify uses of outdoor lighting where energy conservation improvements can be made.

Phase 1 of the study and part of Phase 2 have been completed and detailed in the attached October, 2004 draft report (Attachment 1). Staff and consultants will be embarking on the next phase of the Study to complete, Light Use - Section 2, Phase 2, which will outline the preferred light quality for the Corporate Centre, District Centres, Residential Areas and Parks and Open Spaces and will be completed early in 2005.

The final section Light Specification - Section 3, Phase 2, deals with acceptable lights for use in Vaughan regarding lighting fixture style, design quality and maintenance requirements as they

relate to the various zones and applications and will be undertaken following the completion of Section 2. Potential savings may be realized going forward, by a more rational and environmentally sensitive approach to lighting through reduced energy and maintenance costs for both the private and public sectors.

Relationship to Vaughan Vision 2007

This report is consistent with the priorities previously set by Council insofar as Vaughan Vision 2007 supports the protection of the environment, the establishment of service level standards that are affordable and sustainable and the improvement of community safety through design. The necessary resources have been allocated and approved.

Conclusion

The Outdoor Lighting Design Standards Study is approximately 50% complete and the Phase 1 Draft report has been prepared. Therefore the Commissioner of Planning and the Commissioner of Engineering & Public Works recommend that the presentation from the study consultant Lightstudio on the Phase 1 draft report be received for information.

Attachments – MAYOR AND MEMBERS OF COUNCIL ONLY

1. Draft Phase 1 report entitled Outdoor Lighting Design Standards Study

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Respectfully submitted,

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