

101006 - Response re Street & Outdoor Facility Lighting.txt

Subject:

Re: FW: Response re Street & Outdoor Facility Lighting

From:

Jim Huziak <jhuziak@myotherlife.net>

Date:

Tue, 10 Oct 2006 16:56:17 -0600

To:

Fran Brimacombe <FBrimacombe@city.yorkton.sk.ca>

CC:

Councillor Bob Maloney <rmaloney@sasktel.net>, Councillor Chris Wyatt <chriswyatt@sasktel.net>, Councillor Deb Schmidt <prairie.investments@sasktel.net>, Councillor Janet Hill <janethill@accesscomm.ca>, Councillor Les Arnelien <lj.arnelien@sasktel.net>, Councillor Randy Goulden <tourismyorkton@sasktel.net>, Mayor Phil De Vos <Mayor@city.yorkton.sk.ca>, David Putz <dputz@city.yorkton.sk.ca>

Fran,

Thank you for your response which was both prompt and informational; it's very much appreciated. As mentioned in my request, relevant details with regards to types of lighting in use & tentative plans for the future will be passed on to the Royal Astronomical Society for use in their national lighting survey.

Thanks again for your time,

Jim

783-5634

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Fran Brimacombe wrote:

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>> Jim Huziak

>> 22 Regent Bay

>> Yorkton, SK S3N 3B4

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>> Dear Sir:

> We are pleased to provide the following response to your questions regarding street lighting.

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>> a) outside of the Downtown & West Broadway installations, what types of lighting are planned for other areas (I note that 'acorn' style fixtures are already up in the newer sections of Weinmaster Park)?

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>> The Acorn Downtown lighting was desired to have a heritage look while maintaining MAJOR Roadway light levels. These acorns were changed to a MOON GLOW refractor due to your concerns on light pollution and glare. They now will have less intensity while maintaining the light levels KGS required per IES guidelines. IES stands for the Illuminating Engineers Society that has been involved with many National Groups

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on the concerns of Light Pollution. The Acorns will have a 12% uplight to deal with the overall design of the fixtures visual look. West Broadway is considered full cut-off with 6 watts of green LED (Light Emitting Diodes) to provide no uplight or glare but a simple elegance to the overall design. The project is brand new. This means all the pulse start metal halide lamps are going to be 20% brighter than the lamp manufactures state. This is done due to the chemicals in the lamps reacting. The lamps will age (depreciate) over 5 years but in 6 months the intensity will be less.

>> Some downtown areas that were not included in the Phase 2 project this year will be proposed for the future. These include Myrtle, 7th, 8th, Dracup, Argyle, & Livingstone. The acorn style Sask Power fixtures are proposed for the rest of Riverside, however we are looking at a different style for Riverside Terrace.

>> Future projects have been considered with the City for example Wienmister Skating Rink is being illuminated with full cut-off fixtures and not typical floodlights. Many proposals like Riverside Subdivisions have been designed for full cut-off. The Godfrey Dean facade will also be illuminated next year with ground mount fixtures designed to cut-off at the top of the building with no spill light.

>> b) who makes the decisions as to the type of lighting used, and are these decisions made with respect to existing bylaws or guidelines?

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>> The current bylaw covering site lighting is Zoning Bylaw 14/2003 - Section 4.28 Site Lighting. City staff utilize this bylaw as the guide in working with Sask Power or any other consultants to research and develop recommendations on street lighting for Council consideration. In the case of downtown street lighting representatives of the BID (Business Improvement District) participated in the research and review process as the BID is responsible for paying for one third of the Capital cost of the entire program. In other instances such as new subdivisions staff will make recommendations to Council if street lighting is to vary from the standards approved by Council.

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>> c) the City has recently announced that two canola crushing plants plan to build in and near the City in the very near future. Are there publicly viewable plans of the proposed installations available, or a contact whom might be able to provide details of exterior and parking lot lighting? Both companies will be holding public information meetings in the as they move forward with their projects. We will forward your contact information to them for a response.

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>> e) if there are no bylaws or guidelines in effect, would representatives of the City be interested in meeting with representatives of the National and/or Saskatchewan Light Pollution Abatement committees to discuss bylaws as implemented in other progressive Canadian cities?

>> The current bylaw covering site lighting can be found on-line at the City's website (www.yorkton.ca <<http://www.yorkton.ca>>) follow the leads thru Departments - Building Services - Zoning Bylaw - Section 4.28 Site Lighting.>

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> On behalf of David and myself,

> Thanks,

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> Fran Brimacombe A.Sc.T.

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