

Woodcroft Adaptive Lighting – Dimming Pilot Project

By now many Woodcroft residents will have noticed the new LED lights throughout the neighborhood which were installed as part of our Neighborhood Renewal Project. Beginning in March 2013, a number of these new LED lights will be fitted with control devices that will allow the lights to be dimmed. This is part of an Adaptive Lighting Pilot Project that will be conducted by the City of Edmonton Transportation Services Department.

Locations of these dimmable lights will include:

139 Street, 114 Avenue to 118 Avenue

135 Street, 111 Avenue to 115 Avenue (does not include the lights for the Transit Centre)

115 Avenue, Groat Road to 142 Street

114 Avenue, Groat Road to 139 Street

Alley North 117 Avenue and East 142 Street

The purpose of the project is to explore more ways in which Edmonton can become a “Smart City” by reducing light pollution, conserving energy, and saving money on electricity costs.

The project will allow for the adjustment of roadway lighting intensity according to the amount of pedestrian and vehicle traffic volumes. For example, in the middle of the night when there is almost no pedestrian or vehicle activity, lights along certain stretches of roads can be dimmed. Also, on special occasions, such as on Halloween night when there is a lot of pedestrian activity, light levels along these roads can be increased. Basically, light levels will be adjusted according to how people use the streets and back alleys. We have been assured by City of Edmonton engineers that throughout the project, even when light levels will be dimmed, the amount of light will always still be within the required safety standards for the volume of pedestrian and vehicular activity for each location and particular time of day.

Once all of the dimmable lights have been installed and the project is up and running, there will be a questionnaire posted on the Woodcroft page of the City of Edmonton website so that the community will be able to provide feedback on the project. The questionnaire will be on the website until Autumn of 2013. We will keep you posted regarding further developments.

For more Information about this project please go to these links on the City of Edmonton website:

http://www.edmonton.ca/transportation/on_your_streets/woodcroft-neighborhood-renewal.aspx

[http://www.edmonton.ca/transportation/Woodcroft Adaptive Lighting-Dimming Pilot Project Map July 2013.pdf](http://www.edmonton.ca/transportation/Woodcroft_Adaptive_Lighting-Dimming_Pilot_Project_Map_July_2013.pdf)

<https://www.surveymonkey.com/s/StreetLightingAdaptiveLightingCitizenSurvey>