



GOVERNMENT OF THE DISTRICT OF COLUMBIA

Mayor Muriel Bowser

Office of Public-Private Partnerships



Streetlight Advisory Panel Meeting

John A. Wilson Building, Room 531

Tuesday, December 11, 2018

4:30 – 6:00 PM

Attendees: Kathleen Cromley, Greg Leinweber, Sharon Turner, Amanda Young, David Searles, Delores Bushong, Duilio Passariello, Chyla Evans, Kathryn Roos (OP3), and Trevor Langan (OP3)

Notes

- I. Brief Project Update (Staff)
 - a. We are holding four community meetings to update residents on the project and solicited feedback.
- II. Panel Presentation (Staff)
 - a. CCT & Wattages
 - i. Kathryn presented on the decision making process for color temperature and Wattage specifications:
 1. A series of maps was created that illustrated the type of lighting that could be expected based on land use and roadway types. Land uses were identified as commercial, where the land is dominated by commercial uses, intermediate, which is a mixed use that could include commercial use on the lower levels and residential uses in upper levels of a building, and residential.
 2. In addition to land use, roadways were identified as interstate and freeways, principal arterials, minor arterials, collectors, local, and alleys. Color temperature and Wattage varies between not only roadways and land use, but by different lighting styles. Lighting in all residential areas will be limited a color temperature of 2700 Kelvin (K). This was consistent regardless of roadway types.
 3. This system creates a level of uniformity that currently doesn't exist now. It also allows the developer to purchase and maintain fewer variations of fixtures, saving the District money. With the remote monitoring and control system, we will be able to dim or increase brightness of fixtures to meet safe levels for traffic and pedestrians while incorporating community feedback.



- b. Q&A and panel discussion
 - i. What other smart city technologies could be added to the streetlights?
 - 1. Wireless internet access points are the only additions within the scope of this project. There are many possibilities.
 - ii. How many 2700 K fixtures will be installed versus 3000 K?
 - 1. We will have to extrapolate that data.
 - iii. Prepare for many underlighting concerns at the Southeast community meeting.
 - iv. What are the percentages for each pole type? Is there a relationship to underlit complaints?
 - 1. This data is available on the streetlight GIS site.
 - v. Isn't direction and shielding of the light a bigger issue than Wattage and color temperature?
 - 1. All of these specifications are related but important in their own right. This is why we have tested and will continue to test a fixture's performance.
 - vi. Is there a map of underlit complaints?
 - 1. There is geographic data, but no map currently exists.
- III. Panel Discussion on January Agenda Items
 - a. Streetlight evaluation forms
 - b. Community meeting briefing and public complaint data
 - c. Newest AASHTO lighting design standards
- IV. Action Items
 - a. DDOT to provide data on underlighting complaints and test of 2700K fixtures.
- V. Adjourn
 - a. The next meeting is scheduled for Tuesday, January 8, 4:30 – 6:00 PM, in JAWB Room G-9.

