

Government of the District of Columbia

Department of Transportation



d. P3/Streetlights

Streetlight Advisory Panel Meeting

District Department of Transportation

55 M Street SE, Room 639

Tuesday, March 10, 2020

4:30 – 6:00 PM

Attendance

Delores Bushong, Kathleen Cromley, Duilio Passariello, Amanda Young, Trevor Langan, DeVon Smith

Agenda

- I. Project Update from DDOT
 - a. Continued work on next draft of RFP documents
 - b. Delores would like to know who Jim is getting information from by name.
 - c. The group was disappointed that Jim didn't have a presentation with slides.
- II. Discussion on Light Distribution
 - a. Duilio presented a diagram on roadway lighting distribution
 - b. Duilio says that DDOT needs a particular illuminance meter to measure candelas.
 - c. The goal is to illuminate the road and then obstacles visible from the contrast they create.
 - d. He believes that we need archetypes for lighting scenarios and map them for the District. He said there are some unique topographies within the District which need particular optics.
 - e. He believes that the mix of residential and commercial uses along the same corridors warrants this analysis.
 - f. DeVon agrees that creating typicals is important. DDOT is already preparing them. However, the P3 contract cannot get so granular to design every street.
 - g. We can review with the group what the types are.
 - h. Duilio wants versatility. There is difficulty though that comes in operations, Duilio notes.
- III. Brainstorm Future Agenda Items
 - a. The group provided suggestions for future meeting topics:
 - i. Is this District "overlit?" How do we quantify it? What is DDOT's opinion?
 - ii. How does light on the ground determine fixture illuminance?
 - iii. Compare AASHTO and IES standards
 - iv. Will DDOT set a lighting standard for roadway types? Is there an AASHTO maximum?

- v. Skyglow & USNO
- vi. How do we assess if light pollution is reduced?
- vii. Pilot project comparisons (New York, dimming)
- viii. Process for requesting changes to lighting level
- ix. Review the public outreach campaign
- x. How can the SAP engage with the DDOT Streetlight Division?
- xi. What model of lighting distribution is DDOT using?
- xii. Vision Zero
- xiii. Addressing lighting levels, including brightness and quantity of poles, and outages across the District

IV. Adjourn

- a. The next meeting is scheduled for Tuesday, April 14, from 4:30 – 6:30 PM