

**VILLAGE OF LAKE BLUFF
SUSTAINABILITY AND COMMUNITY ENHANCEMENT AD HOC COMMITTEE
SPECIAL MEETING**

**November 28, 2018
7:00 P.M.
Village Hall Board Room
40 East Center Avenue**

APPROVED MEETING MINUTES

1. Call to Order

The Village of Lake Bluff Sustainability and Community Enhancement Ad Hoc Committee (SEC) met on November 28, 2018 in the Village Hall Board Room (40 E. Center Avenue) at 7:06 p.m. and the following members were present:

2. Roll Call

Present: Marina Carney Puryear, Co-Chair
Brian Rener, Co-Chair
Leslie Bishop
Anne Sorensen
Sophia Twichell
Nan Patterson

Absent: Emma Johnson

Also Present: Glen Cole, Assistant to the Village Administrator (AVA)
John Scopelliti, Administrative Intern (AI)
Michael Croak, Building Codes Supervisor (BCS)

3. Consideration of the August 29, 2018 Regular Meeting Minutes

Co-Chair Puryear moved to approve the August 29, 2018 SEC Meeting Minutes. Member Sorensen seconded the motion. The motion passed on a unanimous voice vote.

4. Consideration of the October 3, 2018 Regular Meeting Minutes

Member Patterson moved to approve the October 3, 2018 SEC Meeting Minutes. Co-Chair Puryear seconded the motion. The motion passed on a unanimous voice vote.

5. Non-Agenda Items and Visitors

Co-Chair Puryear stated that the SEC allocates 15 minutes for those individuals who would like the opportunity to address the SEC on any matter not listed on the agenda.

There were no requests to address the SEC for items not on the agenda.

6. Order of the Meeting

The Co-Chairs will entertain requests from anyone present on the order of business to be conducted during the Meeting.

There was no request to change the order of the meeting.

7. General Business

a) Presentation on Dark Sky Ordinances and Nighttime Lighting

AVA Cole stated that the SEC is pleased to welcome Katy Boat, an associate electrical engineer from SmithGroup. He stated that she is here to present regarding sustainable lighting practices, nighttime lighting and outdoor lighting. He stated that Katy has worked on some LEED platinum projects with the following clients: the Chesapeake Bay Foundation, General Motors, Microsoft, Georgetown University, American University, and University of Kansas. AVA Cole stated she is here to provide information to the SEC as it starts working on our Dark Sky Lighting and outdoor lighting ordinances.

Katy Boat approached the podium to start her presentation on Sustainable Outdoor Lighting. She stated her presentation would be about lighting basics, outdoor lighting, and policy examples. She explained the basic lighting terminology to the committee. Katy explained lighting codes and standards, specifically IECC and the different IECC Lighting Zones that exist. She explained the ASHRAE 90.1 (2016) standard, the IES handbook, and IES supplements to the committee.

Co-Chair Rener stated that it is always a little confusing when you start talking about lighting and all the codes and standards.

Co-Chair Puryear stated she was curious as to how crime is affected by diminished light levels. Katy stated that is a hot topic and responses differ. She stated that it is not intuitive and she, as a designer, promotes lighting that provides safety.

Katy explained the LEED Standard regarding the light pollution reduction and she stated that these standards may be important for development of an ordinance moving forward. She explained the IDA advocacy group who is trying to preserve the night sky and enact laws that promote darkness at night, positive ecological outcomes, and other areas of importance.

Member Twichell stated that she was curious if a municipality can be certified by IDA.

Katy stated Homer Glen and Beverly Shores are two examples of municipalities that are certified by IDA. She stated that the IDA worked with IES regarding the Model Lighting Ordinance. She introduced lighting controls including timeclocks, occupancy sensors, and photocells. She explained city-level controls, the wireless communication and connectivity to sensors.

Co-Chair Puryear stated that she wanted to know if the Village has any technology like this. AVA Cole responded saying the Village does not.

Katy introduced outdoor lighting/types, specifically HID, fluorescent, and LED. Katy presented a picture of a car dealership parking lot at Kevin Whitaker Chevrolet that shows lighting efficiency gains. Member Twichell stated that this is all about energy consumption and that she likes the darker picture with less light, based off the color. Katy stated for

parking lights the brighter one is better since these vehicles need to be lit up well for security reasons.

She stated that another great example of this type of lighting is at TD Convention Center. Katy explained light pollution and light trespass as the next topic in her presentation.

Katy described goals for communities in outdoor lighting such as safety, ecological stewardship, and energy savings. She explained the lighting types and fixture styles that are compliant with IDA codes.

Katy described the Model Lighting Ordinance and IDA recognized municipalities across the country. She stated that the municipalities closest to Lake Bluff would be the Village of Homer Glen, IL and Town of Beverly Shores, IN. Katy concluded her presentation.

Co-Chair Puryear stated that this presentation was very comprehensive.

Member Patterson stated that she was curious about the model slide to help a municipality get started. A brief discussion commenced.

Co-Chair Renner stated that the goal of this presentation was to get familiar with dark sky ordinances and the Model Lighting Ordinance. He stated that he hopes to get this implemented by the end of next year. He expressed that we are lucky because we have the school and you can see the dark sky lighting examples at the school.

Member Bishop stated that she was curious about how compliant the Village is in residential areas. Co-Chair Renner stated that he has not had the chance to research but he is sure that there are some areas that are brighter than others. He stated that the ordinance will be good to notify what areas need to be addressed moving forward.

Member Twichell stated that she was curious about the current ordinance and if there are any regulations specific to lighting.

AVA Cole and BCS Croak stated that they have the essential basics that are required by the state of Illinois.

b) Informational report regarding Safe Routes to School

AVA Cole stated that the village recently applied for a state grant, Safe Routes to School, this is from a federal source dedicated to helping children get to school safer, encourage walking/bicycling, and discourage single use vehicles. He stated that a state requirement is that everyone in the school district had the opportunity to complete a survey about walking/bicycling. He stated that every student in the school district was tallied up to how they got to school in a week. AVA Cole explained that the project is at the corner of the North Shore and Robert McClory bike paths and East Sheridan Place to access the middle school. AVA Cole invited AI Scopelliti to the podium to give his presentation on the statistics analyzed from the Lake Bluff school districts participating in the Safe Routes to

School grant. Once AI Scopelliti concluded his presentation, AVA Cole approached the podium to answer questions.

Member Twichell stated that the first step that needs to be addressed is the removal of buckthorn.

AVA Cole stated that this is not the final design, but it is a conceptual level for the start of this project.

Co-Chair Renner stated he was curious as to the status of the bike path bridge grant that runs parallel with Sheridan Road, and if that is coming back to life. AVA Cole stated that this has been in recent conversations and it is in the works to come back to life. A brief discussion commenced.

Member Patterson stated that she was curious about the cost of implementing a new flashing beacon by the middle school due to a recent incident. AVA Cole stated this was a good idea to consider and will be followed up on.

Member Twichell stated that she was curious about the probability of success for this grant. AVA Cole stated that he doesn't know for sure the probability of success, but it has its advantages and disadvantages in view of the State's criteria. A brief conversation commenced.

Co-Chair Renner and Member Twichell both expressed their concern for the slippery-ness of the bike path under the viaduct. A brief conversation commenced.

c) All Natural Hazards Mitigation Plan Update

AVA Cole expressed that the Village must have an All Natural Hazards Mitigation Plan (ANHMP) implemented because it is federally required plan in order to receive FEMA funding (such as in the event of an emergency). He stated that the more resilient we are to these disasters, the less damage we hopefully will have. He stated that monitoring this plan is within the SEC's purview. He presented a pending report to Lake County on Goal progress such as adding more firefighters. AVA Cole stated that we would report back in a month due to a county meeting that AI Scopelliti and he are attending. A brief discussion commenced.

Member Bishop stated that the clarification of the acronyms would be great for this project.

Member Sorensen stated that she was curious about the smoke tests for sewer pipes. A brief discussion commenced.

Co-Chair Renner stated he was curious if there were any updates as to how the Army Corps of Engineers can help address flooding in the future. He stated that he wanted to know what residents should be doing to address flooding and what the Village is doing to address flooding.

Co-Chair Rener stated that he saw no changes to the building codes. He stated that he specifically understands that coastal communities may adopt more restrictive regulations to supplement their building codes. He stated that he was curious about the goal of resiliency moving forward with addressing flooding. AVA Cole stated that economics is the biggest factor in these decisions, because there are substantial costs to compliance. A brief discussion commenced.

d) 2019 Work Planning

AVA Cole discussed the upcoming year. He explained the idea of a new meeting date moving forward in order to accommodate member schedules. He stated that the Washington Park plans will be reviewed again at a normal meeting. He stated that the Village of Lake Bluff Landscape Playbook Thematic Landscape Identity & Route 176 Corridor Plan should be completed in January.

8. Village Staff Report

AVA Cole stated that there was an interesting article that came out recently on the “insect apocalypse”. A brief discussion commenced.

9. Member’s Report

Member Bishop stated that she was curious if the Village’s staff has been educated on salt alternatives and the possibility of having sensors on the pavement that is able to determine how much salt is necessary for each road. A brief discussion commenced.

10. Co-Chair’s Report

There was no Co-Chair’s Report.

11. Adjournment

As no further business came before the SEC, Co-Chair Puryear moved to adjourn the meeting at 9:18 p.m. Member Sorensen seconded the motion. The motion passed on a unanimous voice vote.

Respectfully Submitted,

John Scopelliti
Administrative Intern