

Sent: Monday, December 5, 2022 3:48 PM

To: CityClerk <CityClerk@longbeach.gov>; Council District 1 <District1@longbeach.gov>; Council District 2 <District2@longbeach.gov>; Council District 3 <District3@longbeach.gov>; Council District 5 <District5@longbeach.gov>; Council District 6 <District6@longbeach.gov>; Council District 7 <District7@longbeach.gov>; Council District 8 <District8@longbeach.gov>; Council District 9 <District9@longbeach.gov>; Mayor <Mayor@longbeach.gov>

Cc: alyssabishopyoga@gmail.com; annachristensen259@gmail.com; cmoore@algalita.org; ksharper01@cs.com; oururbanparadise@gmail.com; rebrobes1@gmail.com; taheshakc259@gmail.com; vbickf123@aol.com; longcore@urbanwildlands.org

Subject: Dec/ 6 Agenda item 22

-EXTERNAL-

To: Long Beach City Councilmembers

From: Ann Cantrell, co-chair, Sierra Club Los Cerritos Wetlands Task Force

Re: Item 22 Recommendation to authorize City Manager, or designee, to execute all documents necessary to enter into an agreement, and any necessary subsequent amendments, with the Bluff Park Neighborhood Association, to accept and expend funding in the amount of \$38,114, for Phases I and II of the Bluff Park Historic Lamppost Project, and any future funds for subsequent phases; and

Increase appropriations in the Capital Projects Fund Group in the Public Works Department by \$38,114, offset by funds received from the Bluff Park Neighborhood Association. (District 2)

Please remove this item from the Consent Calendar for discussion. As I could not find the plans for this project in the staff report, I have several questions. What kind of bulbs are being used? Will it be possible to use historical bulbs and not LED bulbs? Can the lighting be directed downward?

Historical lights may look pretty, but usually shine light up into the sky instead of on the ground where it is needed.

Please check out this November 16, 2022 Symposium 'Light At Night: A Glowing Hazard'. If you can't watch the whole Symposium, be sure to watch the second section by Dr. Barentine, starting at minute 18, **Historical Lighting**, and the third section by Dr. Longcore on the **effects of lighting on the beach**, minute 15.

1. [Introduction and Opening Remarks](#) – Annie Yang and California Assemblymember Alex Lee (05:51)

2. [Finding Darkness Within The Light: The built environment as the key to solving the problem of light pollution](#) – John Barentine, Ph.D., Executive Officer and Principal Consultant at Dark Sky Consulting (25:41)

3. [Ecological Effects of Light Pollution](#) – Travis Longcore, Ph.D., Associate Adjunct Professor at the UCLA Institute of the Environment and Sustainability (25:16)

4. [Bird Collisions and Artificial Light at Night](#) – Christine

Sheppard, Ph.D., Director of the Glass Collisions Program at the American Bird Conservancy **(30:11)**

5. [Building a Case for Dark Skies](#) – Mary Coolidge, BirdSafe & Lights Out Campaign Coordinator for Portland Audubon **(31:40)**

6. [Q&A](#) – Full panel **(46:09)**

Any urban lighting needs to follow these basic rules:

1. Light only where you need to
2. Turn lights off when not in use (eg, use motion detectors)
3. Use only as much light as you need
4. Direct light only where needed (downward with shields)
5. Use the lowest possible correlated color temperature (CCT). Nothing in the blue spectrum.