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Miami Beach Smart City
Street Lighting Design Standards

Exhibit 2 - Priority Matrix

City of Miami Beach Lighting Standards - Stakeholder Briefings Priority Matrix Summary

PRORITY CHART ANALYSIS

Group	Safety / Security	Color Corelated Temperature (CCT)	Color Rendering Index (CRI)	Branding (Light fixture aesthetics)	Energy Reduction	Internet of Things (IoT) Smart City Technologies	Adaptive Controls	Wildlife/Turtles	Sky Glow and Light Trespass Mitigation		
FDOT	3	2	2	1	3	3	2	3	3	1	Low Priority
MID-BEACH	3	3	2	3	3	2	3	3	3	2	Medium Priority
SOUTH BEACH	3	2	2	2	2	2	2	2	2	3	High Priority
NORTH BEACH	3	3	3	2	3	3	3	2	2		
ONLINE	3	2	2	3	3	3	3	3	3		
AVERAGES:	**3**	**2**	**2**	**2**	**3**	**2**	**2**	**2**	**2**		

City of Miami Beach Lighting Standards - FDOT/MDC Briefings Priority Matrix Summary

PRORITY CHART ANALYSIS

Group	Person	Safety / Security	Color Corelated Temperature (CCT)	Color Rendering Index (CRI)	Branding (Light fixture aesthetics)	Energy Reduction	Internet of Things (IoT) Smart City Technologies	Adaptive Controls	Wildlife/Turtles	Sky Glow and Light Trespass Mitigation		
FDOT/ County	1	3	3	2	2	2	2	2	3	3	1	Low Priority
	2	3	2	2	1	3	3	3	2	2	2	Medium Priority
	3	3	2	2	1	3	3	1	3	3	3	High Priority
	AVERAGES:	**3**	**2**	**2**	**1**	**3**	**3**	**2**	**3**	**3**		

City of Miami Beach Lighting Standards - Stakeholder Briefings Priority Matrix Summary (Mid Beach)

PRORITY CHART ANALYSIS

Group	Person	Safety / Security	Color Corelated Temperature (CCT)	Color Rendering Index (CRI)	Branding (Light fixture aesthetics)	Energy Reduction	Internet of Things (IoT) Smart City Technologies	Adaptive Controls	Wildlife/Turtles	Sky Glow and Light Trespass Mitigation		
Mid-Beach	1	2	2	2	3	3	3	3	2	3	1	Low Priority
	2	3	2	2	3	3	2	2	3	2	2	Medium Priority
	3	3	3	0	3	3	1	3	3	3	3	High Priority
	4	2	3	3	1	2	2	3	3	3		
	AVERAGES:	**3**	**3**	**2**	**3**	**3**	**2**	**3**	**3**	**3**		

City of Miami Beach Lighting Standards - Stakeholder Briefings Priority Matrix Summary (South Beach)

PRORITY CHART ANALYSIS

Group	Person	Safety / Security	Color Corelated Temperature (CCT)	Color Rendering Index (CRI)	Branding (Light fixture aesthetics)	Energy Reduction	Internet of Things (IoT) Smart City Technologies	Adaptive Controls	Wildlife/Turtles	Sky Glow and Light Trespass Mitigation		
South Beach	1	1	2	1	1	1	1	2	3	3	1	Low Priority
	2	3	3	1	3	3	3	1	1	3	2	Medium Priority
	3	3	3	2	3	2	3	2	1	1	3	High Priority
	4	3	2	3	2	3	3	2	2	2		
	5	2	2	1	3	3	1	2	2	3		
	6	3	2	2	3	2	3	2	1	2		
	7	3	2	1	2	2	2	2	2	1		
	AVERAGES:	**3**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**		

City of Miami Beach Lighting Standards - Stakeholder Briefings Priority Matrix Summary (North Beach)

PRORITY CHART ANALYSIS

Group	Person	Safety / Security	Color Corelated Temperature (CCT)	Color Rendering Index (CRI)	Branding (Light fixture aesthetics)	Energy Reduction	Internet of Things (IoT) Smart City Technologies	Adaptive Controls	Wildlife/Turtles	Sky Glow and Light Trespass Mitigation			
North Beach	1	3	3	3	2	3	2	3	2	2		1	Low Priority
	2	3	3	3	2	3	3	3	2	2		2	Medium Priority
												3	High Priority
	AVERAGES:	**3**	**3**	**3**	**2**	**3**	**3**	**3**	**2**	**2**			

City of Miami Beach Lighting Standards - Stakeholder Briefings Priority Matrix Summary (Online)

PRORITY CHART ANALYSIS

Group	Person	Safety / Security	Color Corelated Temperature (CCT)	Color Rendering Index (CRI)	Branding (Light fixture aesthetics)	Energy Reduction	Internet of Things (IoT) Smart City Technologies	Adaptive Controls	Wildlife/Turtles	Sky Glow and Light Trespass Mitigation		
Online	1	2	1	1	2	1	1	1	1	1	1	Low Priority
	2	3	1	1	2	2	2	2	1	2	2	Medium Priority
	3	3	1	1	3	3	2	2	2	2	3	High Priority
	4	3	1	1	3	3	2	2	2	2		
	5	3	2	2	3	3	3	2	3	3		
	6	3	2	2	3	3	3	3	3	3		
	7	3	2	2	3	3	3	3	3	3		
	8	3	3	3	3	3	3	3	3	3		
	9	3	3	3	3	3	3	3	3	3		
	10	3	3	3	3	3	3	3	3	3		
	11	3	3	3	3	3	3	3	3	3		
	12	3	3	3	3	3	3	3	3	3		
	AVERAGES:	**3**	**2**	**2**	**3**	**3**	**3**	**3**	**3**	**3**		

*persons irrelvant, online looked at totals

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Miami Beach Smart City
Street Lighting Design Standards

Exhibit 3 - Supporting Documentation

Florida Department of Transportation (FDOT) & Miami-Dade County Briefing Summary

July 10, 2019 | 9 a.m. – 10 a.m.
FDOT District Six, Construction Building – Large Conference Room

Staff:

HLB Lighting
Infinite Source Communications
Jacobs Engineering
Johnson Controls
City of Miami Beach Staff
See the attached sign-in sheets for attendees

Key items discussed:

Introduction
Peter DiLecce of Johnson Controls, welcomed the group and explained the overall purpose of the briefing, which was to educate and gather feedback on the lighting priorities from each stakeholder group. See presentation attached.

Presentation
Laura Glaser of Jacobs Engineering, gave a project overview stating the team is developing citywide standards as a guideline and a set of rules for future lighting projects within the City of Miami Beach. A priority chart was provided to meeting attendees to rank the following lighting topics (one being the lowest and three being the highest):

- Safety/Security
- Correlated Color Temperature (CCT)
- Color Rendering Index (CRI)
- Branding (light fixture aesthetics)
- Energy Reduction
- Smart City Technology – Internet of things (IoT)
- Adaptive controls
- Wildlife
- Sky Glow/Light Trespass

Barbara Horton of HLB Lighting, presented each slide and provide detailed explanation on each category, as well as encouraged feedback from the audience. Comments were as follows:

Comments/Notes

- Project Engineer, Sebastian Hernandez, encouraged FDOT and County representatives to share their experiences with regard to resident concerns.
    - FDOT representative, Patrick Marchant, stated residents have requested additional house-side shields where Light Emitting Diode (LED) lighting was installed due to backlight. He stated his recent projects added a receptacle that in the future can have either a fixture control or panel control. He added that the FDOT criteria is a1.5 which maintains at a 1.2.
    - Mrs. Horton asked if the LED lighting was installed in residential areas.
        - Mr. Marchant answered yes.

- Miami-Dade County representative, Daniel Castilla, stated the county received complaints regarding dark-spot areas. He explained these areas mainly belong to Florida Power Light (FPL) because they retrofit their structures from the HPS voltage and when LEDs are installed, it reduces the coverage.

- City Streets and Street Lighting Superintendent, Rudy De La Torre, spoke about the issues with FPL retrofitting and stated the city is working to get this fixed. Many fixtures were converted to LEDs, especially in alleys and the entertainment district. He added in some areas the city might need additional lighting to reduce the dark spots.
- Mr. Marchant stated it is difficult to have uniform lighting within the City of Miami Beach. For example, Alton Road and Collins Avenue have several variables that can alter the placement of lighting such as trees and driveways.
    - Mrs. Horton agreed and stated that the goal is to set spacing ratio standards and output efficiency.
- City representative, Marvin Sarria, asked if there are areas where the team plans to supplement pedestrian lighting with roadway lighting.
    - Mrs. Horton stated yes, there are ideal areas for this.
    - Mr. De La Torre stated they have done this in the Lincoln Road area.
- Mrs. Glaser asked if FDOT is using 4000K color temperature.
    - Mr. Marchant stated that it depends on the area. In residential areas such as 43 Street, FDOT uses 3000k.

    - Mr. Sarria stated the city maintains 4000k in the entertainment district and 3000k for residential. The city receives complaints when 4000k is installed near homes.
    - Mr. De La Torre stated the city is experiencing negative feedback where they previously installed 5000k in a residential area and are now having to go back to either re-shield or dim the lights.
- Mr. De La Torre stated the city maintains most of the lighting along FDOT roads; however, does not maintain lighting for the County.
- Mrs. Glaser asked if FDOT and/or the County are looking into smart technology.
    - Mr. Marchant stated FDOT is not interested in the light dimming features; however, he stated that smart technology for maintenance and identification would be good to go online and report if a light is out.
    - Mr. Castilla stated the County agrees with FDOT. They are looking for management and maintenance capabilities to get control and feedback from the light pole.
    - Mrs. Horton explained the light dimming feature can be beneficial and will have sensors to brighten up when a car or pedestrian passes by and dim back down after.
    - Mr. Marchant stated that feature will become a maintenance issue with the contractor.
- Mr. De La Torre stated the city did light dimming in Lummus Park. He explained that all the light poles are equipped with sensors and the technology is great, he is able to check them directly from his phone.
    - Mrs. Horton asked if the lights were dimmed year-round.
    - Mr. De La Torre answered mainly during turtle season.
- Mrs. Horton stated the team is looking into possibilities for amber lighting with Poulsen.
    - Mr. De La Torre stated the city had a meeting with Poulsen last week and they were provided with samples of a true amber LED dimmed to a white LED. Many liked the fixture and It is available in true amber LED; however, the city cannot operate that fixture year-round. He explained that Poulsen will provide the city with samples to test the fixtures.
- Mrs. Horton asked if that will be a fixture the city will keep in inventory.
    - Mr. De La Torre stated it is up for discussion, but it is a good fixture.

- Mr. De La Torre asked FDOT of the upcoming projects within the city.
    - Mr. Marchant stated FDOT is working on a project throughout Collins Avenue from 5Street to Bal Harbour Drive? to replace all light poles with LEDs. He also stated that Alton Road from 5 Street to 20 Street, Indian Creek and Normandy Drive are among the other FDOT roadway projects that will enhance lighting and comply with the FDOT standards. These projects are anticipated to start construction in next year in 2020.
    - FDOT presentative, Karina Fuentes, stated FDOT has a project along Alton Road from 5 Street to 15 Street where the maintenance of traffic (MOT) requires a road closure to retrofit some light poles but the city is giving them push back.
        - Mr. De La Torre asked Ms. Fuentes to reach out to him directly since he works in the operations department and are deployed on the road daily.
- Mr. De La Torre asked Mr. Castilla if the County had any upcoming projects.
    - Mr. Castilla responded no.

The project team thanked the participants for coming and encouraged them to attend the upcoming public meetings.

Mid Beach Stakeholder Briefing Summary

July 11, 2019 | 6 p.m.
Miami Beach Golf Club
2301 Alton Rd, Miami Beach, FL 33140

Staff:

HLB Lighting
Infinite Source Communications
Jacobs Engineering
Johnson Controls
City of Miami Beach Staff
See the attached sign-in sheets for attendees

Key items discussed:

Introduction

Peter DiLecce, Johnson Controls, welcomed the group and explained that the overall purpose of the briefing was to educate and gather feedback on the lighting priorities from each stakeholder group. See presentation attached.

Presentation

Laura Glaser of Jacobs Engineering, gave a project overview stating the team is developing citywide standards as a guideline and a set of rules for future lighting projects within the City of Miami Beach. A priority chart was provided to meeting attendees to rank the following lighting topics (one being the lowest and three being the highest):

- Safety/Security
- Correlated Color Temperature (CCT)
- Color Rendering Index (CRI)
- Branding (light fixture aesthetics)
- Energy Reduction
- Smart City Technology – Internet of things (IoT)
- Adaptive controls
- Wild Life
- Sky Glow/Light Trespass

Barbara Horton of HLB Lighting, presented each slide and provide detailed explanation on each category, as well as encouraged feedback from the audience. Comments were as follows:

Comments/Notes

- A resident stated that Miami Beach has different areas with different needs. Residential areas should have shorter light poles versus entertainment areas, which should have taller light poles. He added that European cities use Light Emitting Diode (LED) lighting and adaptive lighting controls, which help save money.

- A resident stated she is interested in sea turtle lighting, security and overall appearance of the light poles. She stated that a common complaint among residents is light glare going into the home.

- Environmental stakeholder, Jennifer Rotker, stated she is interested in color changing LED lighting and year-round lighting for birds. She stated amber, low wave and shield lights are ideal. She also added that Florida Wildlife Conservation (FWC) is working on new lighting standards and hopes that this will help bring Mid Beach lighting up to code.

- A city representative stated she is interested in adaptive lighting and keeping lighting innovative.

- A law enforcement representative stated he used to work in the Entertainment District and highly recommends more lighting in this area. Low light can increase the crime rate.

- Ms. Rotker stated that she is part of the Disorientation Course provided by the County and noted that there is turtle disorientation from residential areas not just entertainment areas.

- A city representative stated that lighting standards are constantly changing. She noted it is important to define how to update this manual to keep it up to date.

- A resident stated that maintenance is a big part of lighting. There are times when lights are out of service for many days and the city is not aware and that the technology presented today can assist the city by providing alerts in a timely manner.

- City Streets and Street Lighting Superintendent, Rudy De La Torre, stated the city has similar technology on Lummus Park. All light poles are equipped with sensors and the technology is great, he can check and control them directly from his phone.
    - Ms. Rotker asked if the new light poles where placed in the same location as before.
        - Mr. De La Torre answered yes.

- A resident stated a concern with light pole structures falling during hurricane season in 2010.
    - The project team responded that the lighting structures were upgraded since then.

- Ms. Rotker asked if the lighting structures will be relocated or only replaced in the same exact locations.
    - Mrs. Horton responded the majority of the light poles will be replace while others might require reanalyzing the location.

- Mr. De La Torre stated it is a challenge to accommodate all within the city and do it properly, but the city is being proactive. Currently Florida Power & Light (FPL) is retrofitting their existing lights with LEDs.

The project team thanked the participants for coming and encouraged them to attend the upcoming public meetings.

South Beach Stakeholder Briefing Summary

July 24, 2019 | 6 p.m.
City of Miami Beach City Hall Commission Chambers
1700 Convention Center Drive, Miami Beach, FL 33139

Staff:

HLB Lighting
Infinite Source Communications
Jacobs Engineering
Johnson Controls
City of Miami Beach Staff
See the attached sign-in sheets for attendees

Key items discussed:

Peter DiLecce of Johnson Controls, welcomed the group and explained the overall purpose of the briefing, which was to educate and gather feedback on the lighting priorities from each stakeholder group. See presentation attached.

Presentation

Laura Glaser of Jacobs Engineering, gave a project overview stating the team is developing citywide standards as a guideline and a set of rules for future lighting projects within the City of Miami Beach. A priority chart was provided to meeting attendees to rank the following lighting topics (one being the lowest and three being the highest):

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- Branding (light fixture aesthetics)
- Energy Reduction
- Smart City Technology – Internet of things (IoT)
- Adaptive controls
- Wild Life
- Sky Glow/Light Trespass

Barbara Horton of HLB Lighting, presented each slide and provide detailed explanation on each category, as well as encouraged feedback from the audience. Comments were as follows:

Comments/Notes

- A resident stated the photo on the Safety/Security slide is a good example of the La Gorce and Pinetree community. He stated his lighting priority is security. He currently pays $11 to Florida Power Light (FPL) to light up his swale and street; however, he cannot pay to light up the entire street.

- Resident, Seth Wasserman, stated he started a lighting program about 10 years ago and it went nowhere. He noted most of the lighting in the city is not installed up to code. Light glare is a great example of this, there should not be any glaring into people's homes. He further explained the light poles are also installed very far from each other creating dark-spots. He also asked if there is a financial package already established to correct what is existing.
    - Mrs. Glaser responded there is a potential project coming up for a citywide replacement of light fixtures. The city wants to establish lighting standards prior to this. She explained that the first task is to analyze all the lighting within the city's public right-of-way (ROW), not private-side lighting.

- A Palm View resident stated her neighborhood is filled with vegetation, historic homes and old-fashioned light fixtures. Although the light fixtures can be an issue because of dark lighting, she prefers those fixtures? instead of having commercial light fixtures. She explained the streetlight in front of her window gives off a concerning glare. She also asked if the team's goal is to pick one type of lighting for the entire city.
    - Mrs. Glaser stated no, that is not the goal.

- A resident stated the city is conducting a planning study for the historic designation of the Palm View Neighborhood. He stated his neighborhood is okay with lighting and prefers the city to focus on bigger issues in the neighborhood.

- A resident stated she has issues with glare going into her living room and bedroom. Her priorities are safety and aesthetics.

- A resident encouraged the team to not over light the parks.

- Sunset Harbour Homeowner's Association (HOA) president, Sara de los Reyes, stated her neighborhood has a lot of lighting which is great for pedestrian safety. She stated one concern is that the adjacent storage company recently installed new light fixtures in their parking lot and the light is extremely bright, similar to a stadium. She is working directly with the owner to see if he can tilt the lights down to reduce the glare.

- Lakeview HOA president, Adrian Gonzalez, stated in his neighborhood the trees have grown around the light fixtures and the yellow bulbs are not aesthetically pleasing. The residents are requesting shorter and more appealing lights to enhance the neighborhood.

- A resident asked what vertical illumination refers to.
    - Mrs. Horton responded it is how much light and how people are seen within that light. It depends where the lighting fixture is and the type.
    - The resident responded if the light fixture is really high, it is likely to glare into homes.
    - Mrs. Horton stated there are optics and controls that do not allow light trespassing and help provide the vertical light needed to see and be seen.

- Officer Julio Blanco stated that the idea is not to light people's houses but the Right-of-Way (ROW). It is the owner's responsibility to light up their house. He also stated that technology changed tremendously, and it now allows the city to place lighting in the correct locations with the right specs. He added that for public safety, the police department prefers 4000K lighting.

  He stated it is very difficult for the department to arrest someone who was seen under a yellow light wearing a yellow shirt; however, when the person is stopped under better lighting, he/she happens to be wearing a white shirt. He explained the areas with poor lighting are more prone to crime.

- Mr. Gonzalez stated the eastside of his community has tall yellow lights and on the westside short pedestrian lights. He added, it is like going from one neighborhood to another.

    - Mrs. Horton stated she has driven around and noticed similar situations. This can be due to who owns the street, for example some of these streets can belong to the Florida Department of Transportation (FDOT).
    - He responded that this block is own by the city.
    - Officer Blanco stated this is a perfect example of the city updating lights along the previously installed yellow lights by adding more pedestrian lighting.

- Mr. Wasserman asked if the team is coordinating lighting with the County and FDOT.
    - Mrs. Horton responded that the team already met with them prior to starting these stakeholder briefings.
    - City representative, Rudy De La Torre, stated the County and FDOT are open to working together with the city.
    - Mr. Wasserman asked if the city will control the lighting and maintain it.
    - Mr. De La Torre stated the city performs all maintenance right now.
    - Mrs. Horton added that the County and FDOT also have their own lighting standards and that safety and security are also one of their priorities.
    - Mr. Wasserman stated that Arthur Godfrey Road, one of the main arteries of the city, looks different than the rest of the city because it is a FDOT road and their standards are different.

- A resident stated she is concerned with designating citywide standards. She added that on Ocean Drive the landscaping blocks visibility for drivers and removes space from pedestrians. She was told by the city that the landscaping is following the citywide standards. She stated it is important that the team evaluates the needs of each sector prior to creating set standards.
    - Mrs. Horton stated the standards will be used as a guide and will include recommendations for several aspects and sectors of the city.

- Mr. Gonzalez stated the citywide free WIFI was a great idea but a failure. If WIFI can be added to the smart lighting and work well, the residents will really enjoy that since cellphone signals are bad in the beach.

The project team thanked the participants for coming and encouraged them to attend the upcoming public meetings.

North Beach Stakeholder Briefing Summary

July 30, 2019 | 6:30 p.m.
North Shore Park and Youth Center
501 72 Street, Miami Beach, FL 33141

Staff:

HLB Lighting
Infinite Source Communications
Jacobs Engineering
Johnson Controls
City of Miami Beach Staff
See the attached sign-in sheets for attendees

Key items discussed:

Peter DiLecce of Johnson Controls, welcomed the group and explained the overall purpose of the briefing, which was to educate and gather feedback on the lighting priorities from each stakeholder group. See presentation attached.

Presentation

Laura Glaser of Jacobs Engineering, gave a project overview stating the team is developing citywide standards as a guideline and a set of rules for future lighting projects within the City of Miami Beach. A priority chart was provided to meeting attendees to rank the following lighting topics (one being the lowest and three being the highest):

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- Branding (light fixture aesthetics)
- Energy Reduction
- Smart City Technology – Internet of things (IoT)
- Adaptive controls
- Wild Life
- Sky Glow/Light Trespass

Barbara Horton of HLB Lighting, presented each slide and provide detailed explanation on each category, as well as encouraged feedback from the audience. Comments were as follows:

Comments/Notes

- Normandy Homeowner's Association (HOA) representative, Ruth Klestinee, stated her neighborhood needs lighting.

- Burleigh House Condo representative, Gail Frank, stated safety is her priority. Her neighborhood is very dark. She is also interested in learning about Light Emitting Diode (LED) and color temperatures.

- Ms. Klestinee asked why it is good to use 70-80 Color Rendering Index (CRI).
    - Mrs. Glaser stated the higher the CRI the more visible the primary colors are; therefore 70-80 CRI is ideal.
    - Office Julio Blanco stated the police department is pushing for 80-90 CRI. He stated that out of all the factors, the color of light is the most important.
    - Ms. Frank asked how expensive it would be to install 80-90 CRI lighting in her community.
    - Mr. DiLecce stated 80-90 CRI is typically used in museums where color accuracy is essential.
    - Officer Blanco stated that the Burleigh House Condo is already at 70-80 CRI, which is good.

- City Streets and Street Lighting Superintendent, Rudy De La Torre, stated the city's control room completes light reports of different sections of the city. This has been ongoing for about two and half years.
    - Mr. DiLecce stated that in a different project, he receives automated reports of the lights that are not functioning every day. He added he can control the full operation of the fixtures.
    - Mr. De La Torre stated this is something the city hopes to control.

- Ms. Klestinee stated that several years ago a lighting survey was done to determine the good and bad lighting within the city.
    - Officer Blanco confirmed and stated the city did a study with sensor cars to see the type of lighting, where lighting is missing and where there is too much lighting.

- Ms. Glaser stated the team is aware of this study and has the report of all the data collected. She added that Johnson Controls recently did a survey of all the light fixtures in the city, which identified the type of light and its location, along with other aspects of the fixtures.

- Mr. De La Torre stated there are areas such as 71 Street and Normandy Drive that are Florida Department of Transportation (FDOT) roadways and although the city maintains the lights, they are limited to what they can do there. The city was proactive and placed pedestrian lighting within areas where FDOT lighting was not enough.
    - Ms. Klestinee stated that her neighborhood needs pedestrian lighting.
    - Ms. Frank stated that although pedestrian lighting is great, it removes valuable space from the sidewalks that can be used for wheelchairs and pedestrians. He explained that hovering lights are a better option.

- Officer Blanco stated he will invite the team to present at the next crime prevention meeting, where last month had over 60 attendees. He encouraged the residents to share this information with their neighbors.

- Ms. Frank asked if this project was funded with General Obligation (G.O.) Bond money.
    - Mr. De La Torre stated the city approved funding for the lighting standards and the design phase of the project through the G.O. Bond, Capital Improvement Projects (CIP) and $10 million for implementation. He noted the first thing that needs to be done is to create lighting standards that accommodate the different needs of the city.
    - Officer Blanco agreed and stated that vertical buildings/condos will have different needs compare to houses.

- Ms. Frank asked if the only animals affected by lighting are sea turtles.
    - Virginia Tech representative, Matt Palmer, stated that birds can also be disturbed, and bridge lighting can affect fish; however, sea turtles are mainly affected.

- Ms. Klestinee stated it is important to expedite this project prior to all the upcoming construction of new developments.
    - Mr. De La Torre stated new developments also include lighting. There are good plans coming for this area.

    - Ms. Frank stated that this corridor is perceived as unsafe due to the lack of lighting; therefore, no developers want to invest here.

- Ms. Frank asked what adaptive controls are.
    - Mrs. Glaser stated they are sensors in the lighting that control the dimming and other aspects of it.

The project team thanked the participants for coming and encouraged them to attend the upcoming public meetings.