

March 5, 2025

To Whom it may Concern,

On March 5, 2025, the Martin County Sheriff's Office conducted a lighting survey of the New Monrovia CRA. Overall, the existing lighting is very poor. Many of the areas had such poor lighting the visibility was at zero. We measured the lighting using a light meter measuring the effectiveness of the light in foot candles.

Effective lighting has been proven to deter crime. Approximately 90% of crime occurs after dark. Proper lighting enables law abiding citizens to observe / report crime and to identify suspects and it makes people feel safe.

The Illuminating Engineering Society and Crime Prevention through Environmental Design standards currently recommend for typical asphalt road surfaces of high pedestrian conflict to have a uniformity standard of 1.2 fc. We did notice many high deficiencies areas throughout New Monrovia. It is important to try to keep the level of acceptable lighting uniform throughout the residential area.

In New Monrovia safety and quality of life is considered an issue, therefore, improved lighting should be considered. A summary of the basic exterior characteristics and applications where advanced lighting for security reasons should be considered include: Persons or property are a desirable criminal target, the property has a history of crime, neighborhood includes: high crime profile facilities/activities such as night clubs, gambling, gang gatherings, convenience stores, night depositories, restricted access facilities, and rail yards, the results of a physical security survey indicate a problem, obvious physical signs of antisocial behavior are present near or on the property such as graffiti, vagrants, and poorly maintained facilities.

**Security lighting, as part of a well-balanced security plan, should have the following objectives:**

- 1. Provide a clear view of an area from a distance and enable anyone moving in or immediately around it to be easily seen.**
- 2. Deny potential hiding spaces adjacent to frequently traveled foot routes**
- 3. Permit facial identification at distance of at least 9 m (30 ft.), and create the perception of being identifiable.**
- 4. Facilitate the proper use of other security devices available on the property.**
- 5. Deter crime against persons or property**
- 6. Enhance the public's feeling of comfort in accessing spaces and increase night-time pedestrian traffic.**

## **LIGHTING**

Sufficient lighting is necessary for people to see and be seen. From a security point of view, lighting that is strategically placed can have a substantial impact on reducing the fear of crime. A basic level of lighting should allow the identification of a face from a distance of about 10 meters for a person with normal vision.

### ***1. MINIMUM STANDARDS***

If the area is intended for night time use, lighting should provide adequate visibility. Pedestrian walkways, back lanes and access routes open to public spaces should be lit so that a person with normal vision is able to identify a face from a distance of about 10 meters. Inset spaces, signs, entrances and exits should be adequately lit. On the other hand, lighting of different wattage, color temperature and rendition may also be used to make certain public areas “less hospitable” to gathering for long periods.

### ***2. PATHS NOT INTENDED FOR NIGHT TIME USE***

Lighting is not desirable in an isolated area or for a path leading to some obscure places. Lighting such areas may provide a false sense of confidence for people during night time use. The paths or spaces not intended for night time use could be fenced off.

### ***3. CONSISTENCY OF LIGHTING***

Lighting should be uniformly spread to reduce contrast between shadows and illuminated areas. More fixtures with lower wattage rather than fewer fixtures with higher wattage help reduce deep shadows and avoid excessive glare.

### ***4. DESIGNING FOR NIGHT TIME USE***

Design proposals should take into account the night time use of the outdoor spaces and specify the type, placement and intensity of lighting.

### ***5. PROTECTION OF LIGHTING***

Light fixtures should be protected against casual vandalism by means of vandal resistant materials and design.

### ***6. PLACEMENT OF LIGHTING***

Lighting should also be directed on roadside pavement, sidewalks and possible entrapment spaces. Lighting should take into account vegetation, such as mature trees, and other obstructions that would cause light to be blocked off.

### ***8. MAINTENANCE***

Lighting requires maintenance to preserve visibility. Bushes and trees that block off light should be trimmed. Lighting fixtures should be located at suitable heights for easy maintenance and replacement. Light fixtures should be maintained in a clean condition and promptly replaced if burnt or broken.

## **Lighting Survey:**

### **SE 44<sup>th</sup> Avenue**

SE 44<sup>th</sup> Avenue/SE Cove Road = .72 fc  
4290 SE 44<sup>th</sup> Avenue = .04 fc  
44th Avenue 50 ft south of 4290 = .00 fc  
5547 SE 44<sup>th</sup> Avenue = .00 fc  
5579 SE 44<sup>th</sup> Avenue = .01 fc  
5608 SE 44th Avenue = 1.24 fc  
SE 44<sup>th</sup> Avenue/SE Field Street = .35 fc  
5659 SE 44<sup>th</sup> Avenue = .02 fc  
5669 SE 44th Avenue = .00 fc  
5689 SE 44th Avenue = .00 fc  
SE 44<sup>th</sup> Avenue/SE Murray Street = .63 fc

### **SE 45<sup>th</sup> Avenue**

SE 45<sup>th</sup> Avenue/SE Cove Road = .29 fc  
SE 45<sup>th</sup> Avenue 50ft north of 5518 SE 45<sup>th</sup> Avenue = .00 fc  
5518 SE 45<sup>th</sup> Avenue = .01 fc  
5545 SE 45<sup>th</sup> Avenue = .1 fc  
5597 SE 45<sup>th</sup> Street = .34 fc  
SE 45<sup>th</sup> Avenue 50ft north of 5597 SE 45<sup>th</sup> Street = 4.07 fc  
SE 45<sup>th</sup> Avenue 100 ft north of 5597 SE 45th Street = .04 fc  
SE 45<sup>th</sup> Avenue/SE Murray Street = .00 fc

### **SE 46th Avenue**

SE 46<sup>th</sup> Avenue/SE Cove Road = .48 fc  
SE 46<sup>th</sup> Avenue 50ft south of Cove Road = .00 fc  
5465 SE 46th Avenue = .15 fc (lights from MCSO substation)  
SE 46<sup>th</sup> Avenue/SE Geraldine Street = .00 fc  
5516 SE 46<sup>th</sup> Avenue = .01 fc  
5536 SE 46<sup>th</sup> Avenue = .63 fc  
5595 SE 46<sup>th</sup> Avenue = .02 fc (lights from park)  
5615 SE 46<sup>th</sup> Avenue = .00 fc  
SE 46<sup>th</sup> Avenue/SE Murray Street = .37 fc

### **SE 47th Avenue**

47th Avenue sidewalk to Front Avenue = .00 fc length of sidewalk  
SE 47<sup>th</sup> Avenue/SE Cove Road = .2 fc  
5413 SE 47<sup>th</sup> Avenue = .00 fc  
5423 SE 47<sup>th</sup> Avenue = .00 fc  
SE 47th Avenue/SE Geraldine Street = .55 fc  
5500 SE 47<sup>th</sup> Avenue = .00 fc  
5533 SE 47<sup>th</sup> Avenue = .00 fc  
SE 47<sup>th</sup> Avenue/SE Field Street = .85 fc  
5555 SE 47<sup>th</sup> Avenue = .00 fc  
5575 SE 47<sup>th</sup> Avenue = .02 fc (light illuminating the street, coming from house)  
SE 47<sup>th</sup> Avenue/SE Murray Street = 3.37 fc  
5623 SE 47<sup>th</sup> Avenue = .01 fc

5674 SE 47<sup>th</sup> Avenue = .11 fc  
5704 SE 47<sup>th</sup> Avenue = .06 fc  
5724 SE 47<sup>th</sup> Avenue = .01 fc  
5753 SE 47<sup>th</sup> Avenue = 1.4 fc  
5764 SE 47<sup>th</sup> Avenue = .00 fc  
5772 SE 47<sup>th</sup> Avenue = .00 fc  
5843 SE 47<sup>th</sup> Avenue = .54 fc  
5833 SE 47<sup>th</sup> Avenue = .00 fc  
SE 47<sup>th</sup> Avenue 50ft from 5833 = .02 fc  
SE 47<sup>th</sup> Avenue 100 ft from 5833 = .02 fc  
SE 47<sup>th</sup> Avenue/SE Cleckley Street = .7 fc

#### **SE 48th Avenue**

SE 48<sup>th</sup> Avenue/SE Cove Road = .45 fc  
SE 48<sup>th</sup> Avenue just south of 4550 48th Avenue = .00 fc  
5392 SE 48<sup>th</sup> Avenue = .00 fc  
5413 SE 48th Avenue = .01 fc  
SE 48<sup>th</sup> Avenue/SE Geraldine Street = .26 fc  
5441 SE 48<sup>th</sup> Avenue = .00 fc  
5462 SE 48<sup>th</sup> Avenue = .00 fc  
SE 48th Avenue 50ft south of 5462 = .00 fc  
SE 48<sup>th</sup> Avenue/SE Field Street = .00 fc (street light out)

#### **SE Murray Street**

4415 SE Murray Street = .00fc  
SE Murray Street 50ft east of 4415 SE Murray Street = .00 fc  
SE Murray Street/SE 45<sup>th</sup> Avenue = .00 fc  
4455 SE Murray Street = .3 fc (park location)  
SE Murray Street 50ft east of 4455 SE Murray Street = .01 fc  
SE Murray Street/SE 46<sup>th</sup> Avenue = .37 fc  
SE Murray Street 50ft east of 46<sup>th</sup> Avenue = .00 fc  
SE Murray Street/47<sup>th</sup> Avenue = 2.8 fc

#### **SE Field Street**

SE Field Street/SE Railway Avenue = .00 fc  
4723 SE Field Street = .00 fc  
SE Field Street/SE Front Avenue = .25 fc  
Field Street 50ft east of 4650 SE Field Street = .00 fc  
4650 SE Field Street = .00 fc  
SE Field Street/SE 48<sup>th</sup> Avenue = .00 fc  
4603 SE Field Street = .00 fc  
SE Field Street 50ft west of 4603 SE Field Street = .00 fc  
4523 SE Field Street = .01 fc  
SE Field Street 50ft west of 4523 SE Field Street = .63 fc  
SE Field Street/SE 46<sup>th</sup> Avenue = .35 fc  
SE Field Street 50ft west of 46<sup>th</sup> Avenue = .00 fc  
SE Field Street/SE 45th Avenue = .93 fc  
4383 SE Field Street = .00 fc  
4362 SE Field Street = .00 fc

SE Field Street/SE 44<sup>th</sup> Avenue = .35 fc

**SE Geraldine Street**

4400 SE Geraldine Street = .00 fc

SE Geraldine Street 50ft east of 4400 SE Geraldine Street = .52 fc

SE Geraldine Street 50ft west of 4501 SE Geraldine Street = .00 fc

4501 SE Geraldine Street = .00 fc

4516 SE Geraldine Street = .00 fc

4580 SE Geraldine Street = .00 fc

SE Geraldine Street/SE 48<sup>th</sup> Avenue = .69 fc

SE Geraldine Street 50ft west of 5554 SE Geraldine Street = .00 fc

5554 SE Geraldine Street = 2.94 fc

SE Geraldine Street/SE Front Avenue = .00 fc

SE Geraldine Street 50ft west of SE Front Avenue = .00 fc

SE Geraldine Street 50ft west of SE Railway Avenue = .00 fc

SE Geraldine Avenue/SE Railway Avenue = 1.18 fc

**SE Front Avenue**

SE Front Avenue/SE Field Street = .25 fc

SE Front Avenue/SE Geraldine Street = .00 fc

**SE Railway Avenue and SE Inez Avenue**

SE Railway Avenue/SE Primrose Avenue = 2.94 fc

SE Railway Avenue/SE Geraldine Street = 1.18 fc

5398 SE Railway Avenue = .00fc

5407 SE Railway Avenue = .00 fc

SE Railway Avenue/SE Field Street = .00 fc

5477 SE Inez Avenue = .00 fc

5509 SE Inez Avenue = .08 fc

5536 SE Inez Avenue = .02 fc

5559 SE Inez Avenue = .00 fc

5586 SE Inez Avenue = .00 fc

SE Inez Avenue/SE Arthur Street = .46 fc

5643 SE Inez Avenue = .01 fc

5673 SE Inez Avenue = .01 fc

5715 SE Inez Avenue = .03 fc

5726 SE Inez Avenue = .73 fc

SE Inez Avenue/SE Dell Street = .57 fc

5786 SE Inez Avenue = .02 fc

5806 SE Inez Avenue = .00 fc

SE Inez Avenue open lot south of 5806 SE Inez Avenue = .00 fc

5839 SE Inez Avenue = .00 fc

SE Inez Avenue/SE Palmetto Road = .54 fc

**SE Palmetto Road**

SE Palmetto Road 50 ft east of SE Inez Avenue = .00 fc

SE Palmetto Road/SE Mercedes Avenue = .34 fc

4918 SE Palmetto Road = .00 fc

4938 SE Palmetto Road = .00 fc

SE Palmetto Road/SE Colee Avenue = .00 fc

**SE Colee Avenue**

5821 SE Colee Avenue = .00 fc

5801 SE Colee Avenue = .00 fc

5791 SE Colee Avenue = .00 fc

5771 SE Colee Avenue = .00 fc

SE Colee Avenue/SE Dell Street = .53 fc

5720 SE Colee Avenue = .07 fc

5701 SE Colee Avenue = .00 fc

5680 SE Colee Avenue = .00fc

5651 SE Colee Avenue = .00 fc

5631 SE Colee Avenue = .00 fc

SE Colee Avenue/SE Arthur Street = .85 fc

SE Colee Avenue/SE Primrose Avenue = .00 fc

5540 SE Colee Avenue = .00 fc

5560 SE Colee Avenue = .00 fc

5580 SE Colee Avenue = .00 fc

**SE Arthur Street**

SE Arthur Street 50ft west of SE Colee Avenue = .00 fc

SE Arthur Street 50ft east of SE Mercedes Avenue = .00 fc

SE Arthur Street/SE Mercedes Avenue = .83 fc

4875 SE Arthur Street = .00 fc

**SE Dell Street**

SE Dell Street/SE Inez Avenue = .57 fc

4850 SE Dell Street = .00 fc

5784 SE Dell Street = .00 fc

SE Dell Street/SE Mercedes Avenue = .53 fc

SE Dell Street 50ft east of Mercedes Avenue = .00 fc

SE Dell Street/SE Colee Avenue = .53 fc

**SE Mercedes Avenue**

5833 SE Mercedes Avenue = .00 fc

5804 SE Mercedes Avenue = .00 fc

5763 SE Mercedes Avenue = .00 fc

SE Mercedes Avenue/SE Dell Street = .53 fc

5754 SE Mercedes Avenue = .00 fc

5714 SE Mercedes Avenue = .02 fc (light coming from house)

5694 SE Mercedes Avenue = .00 fc

5674 SE Mercedes Avenue = .07 fc

5633 SE Mercedes Avenue = .03 fc

**SE Murray Cove Circle**

SE Murray Cove Circle/SE Front Avenue = .00 fc

4596 SE Murray Cove Circle = .00 fc

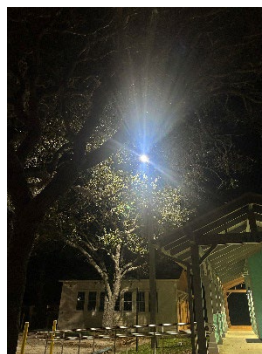
4592 SE Murray Cove Circle = .51 fc

4587 SE Murray Cove Circle = .00 fc

4576 SE Murray Cove Circle = .01 fc (light from house)  
4567 SE Murray Cove Circle = .02 fc (light from house)  
4563 SE Murray Cove Circle = .00 fc  
4556 SE Murray Cove Circle = .03 fc  
4544 SE Murray Cove Circle = .06 fc (light from house)  
4536 SE Murray Cove Circle = .00 fc  
4528 SE Murray Cove Circle = .02 fc  
SE Murray Cove Circle 50 ft east of 4528 = .00 fc  
4519 SE Murray Cove Circle = .02 fc  
4515 SE Murray Cove Circle = .00 fc  
4503 SE Murray Cove Circle = .00fc  
4495 SE Murray Cove Circle = .1 fc  
4491 SE Murray Cove Circle = .03 fc  
4483 SE Murray Cove Circle = .00 fc  
4467 SE Murray Cove Circle = .12 fc



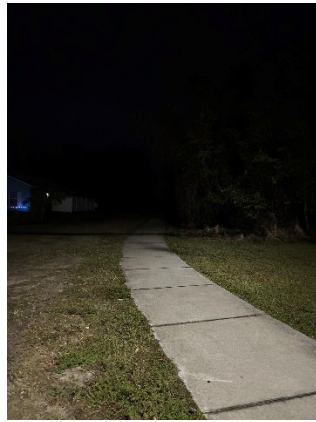
Street light out SE Murray Street/SE 45<sup>th</sup> Avenue



Trim tree branches around the street light on Murray in front of the Community Center



Street light out, SE Murray Street/SE 46<sup>th</sup> Avenue



Sidewalk, pathway from 47<sup>th</sup> Avenue to Front Avenue is pitch black. Zero visibility



Street light out at 47th Avenue and Geraldine





Street light out at 48th Avenue/SE Field Street



Street light out at SE Field Street/SE Railway Avenue



Street light out near 5833 SE 47<sup>th</sup> Avenue



Street light out at 5636 SE Inez Avenue

During the survey it was noted that the lighting in New Monrovia is extremely poor and could be a risk to life and property. It is recommended that updated lighting be installed in New Monrovia as soon as possible. Lighting provides a sense of security to those that may be traveling by foot at night and a deterrent to criminals looking to commit crimes at night.

The recommendations that have been made are intended to provide suggestions and are in no way to be considered all inclusive of any and all security risks. Please feel free to contact me if you have any questions of concerns.

Respectfully,

Trisha M. Green, Community Outreach Manager  
Martin County Sheriff's Office  
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