



# Village of Mamaroneck Parks & Recreation

Jeff Ahne  
General Foreman of Parks

Jason Pinto  
Recreation Supervisor

Offices located in the  
Stephen E. Johnston Beach Pavilion  
Harbor Island Park  
P. O. Box 369  
Mamaroneck, NY 10543

**Recreation:** (914) 777-7784

**Parks:** (914) 630-7158

**Fax:** (914) 777-7768

Parks & Recreation Commission Meeting – March 2, 2022

## Agenda

VIRTUAL MEETING VIA ZOOM

You are invited to a Zoom webinar.

When: Mar 2, 2022 07:30 PM Eastern Time (US and Canada)

Topic: Parks & Recreation Commission Meeting

Please click the link below to join the webinar:

<https://us06web.zoom.us/j/84736918929>

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Webinar ID: 847 3691 8929

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### INFORMATIONAL ITEMS:

- Lanza Field LED Retrofit Capital Project
- Florence Park Playground Damaged Rubber Surface Removal & Replacement
- Jefferson Avenue Park Playground Preliminary Designs
- Parks Department Update
- Recreation Department Update

### ACTION MAY BE REQUIRED:

- Approve February 2022 PRC Minutes
- Approve Lanza Field LED Retrofit Capital Project

### **Upcoming Events:**

April Parks & Recreation Commission meeting to be held on April 6, 2022, via Zoom.

## **Parks and Recreation Commission Meeting - January 12, 2021 via Zoom (draft)**

Attendees: Tina Maresca, Kristen Vetter, Karrie Sergio, Cindy Fasolino, Brittany Ross, Manny Rawlings, Heather Castellani Milboer

Present: Jason Pinto, Jeff Ahne, Nora Lucas

### **Opening:**

Karrie will take the minutes again for this meeting. Karrie made a motion to open the meeting, Tina seconded. Karrie made a motion to nominate Tina as the new Chair, Kristen seconded. All in favor, none opposed. Cindy volunteered to be Vice Chair. Kristen made a motion, Heather seconded. All in favor, none opposed. Decided to hold off on approving last month's minutes because not everyone had a chance to read them.

### **Harbor Island Park Field Revenue:**

Jason gave an update. Budgeted \$60,000 and we are over on that. Revenue would have been even higher but the first three weeks of the fall season were cancelled due to Ida but he's happy with the revenues we collected and seems to be in line with what was projected. Kristen asked about the approved increase for next year, where does that bring our revenue? Jason said it would be about \$6700 more and that doesn't include overtime which is hard to project. For the last three years it's been about \$4000 but this year was the most, \$6808.70. Tina asked what the OT was for. Jason explained the OT is for baseball when the Parks dept lines the fields etc.

The expenditures were about \$84,000 most of which is labor, then materials, equipment, upkeep, supplies, maintenance etc. but it's ongoing.

### **Parks Department Update:**

Jeff gave an update. They are busy taking decorations, they had some snow storms and ice storms, working on storage bins for materials for the spring so they can buy in bulk and save money. Getting ready for the spring season.

Karrie asked about the Holiday drive-thru and asked if there was any thought given to doing it for more than one weekend? Jeff said the problem is the Harbor is highly used space so a lot of the light displays and props can't be left outside and it would take too much time to set it up again for a second weekend. Jason said they could probably work toward keeping it open longer but it's a financial commitment from the Village and we need to position ourselves better. Karrie suggested that maybe it could be kept up longer than just the two days then so it wouldn't have to be taken down and set up again. Jason and Jeff said they're working towards that. Tina likes that idea and heard great things about the event. Cindy said LMC-TV's video was great too.

### **Dog Park Update**

Nora said they talked about the dog park at the Board meeting on Monday but because of Ida and a lot of people out the last month or so, Jerry's got it on the back burner a little bit and they still have to get documentation together for the Board to review. Their priority at the moment is to get the grant

application paperwork in for FEMA reimbursement and there's a deadline for that. The Village had a lot of clean up and they also lost a lot of equipment.

**Rec Department Update:**

Jason said they're just working on camp and the program and also spring programming, field permits, adult leagues and the beach.

**Closing:**

Tina made a motion to adjourn the meeting, Kristen seconded. Meeting adjourned.

Next meeting is February 2<sup>nd</sup>.

## **Parks and Recreation Commission Meeting - February 2, 2021 via Zoom (draft)**

Attendees: Tina Maresca, Karrie Sergio, Carlo Recca, Kristen Vetter, Brittany Ross, Manny Rawlings, Heather Castellani Milboer, Cindy Fasolino (on phone)

Present: Jason Pinto, Jeff Ahne, Nora Lucas

### **Opening:**

Tina made a motion to open the meeting, Karrie seconded. Kristen made a motion to approve December's minutes, Heather seconded. All approved December's minutes. January's minutes will be approved at the next meeting because we did not post them in time for all to review.

### **Capital Projects:**

Jason said the parks need some work, so they put together a capital plan that goes through five years. There are some projects that they want to do in the near future with the Recreation Trust Fund and some other projects that they would like to ask the Board to possibly take from surplus or bond.

The first two projects that would be bonded, that we wouldn't be able to use the trust fund for are the **Lanza Field lights and backstop**. The Lanza Field lights are \$244,000 but we will save money on the project because electricity on the LEDs is a lot cheaper and the return on investment is \$129,000 over 10 years, which is quite a bit of savings compared to what we're paying now. We're going to pay more in electrical fees over the 10 years if we don't replace the bulbs and that doesn't take into account maintenance costs like changing the bulbs or rewiring, which we do every few years, and that can be 5-7 thousand dollars. The other benefit in switching to LEDs would be the local sports leagues will be able to rent them because it will be significantly cheaper, which for the leagues it's just not affordable now. He thinks we would see a revenue increase in field usage because the sports leagues would be more inclined to use the lights.

Tina asked why we would have to do a bond instead of using the trust fund. Jason said with the trust fund his understanding is that folks that build in the Village, they either have to provide a recreational amenity or they have to pay the Village a fee for the Village to provide the recreational amenity and that it's for large projects. The Village can use the funds to build a playground or renovate a playground for example, but we can't use it to do the Lanza Field lights because that's not necessarily a recreational amenity, that's why it would need to be bonded or come from surplus. Nora confirmed that's the gist of it and so far, the only thing we've used it for are the swings at Columbus Park and the Jefferson Avenue basketball courts. Carlo said there was about \$450,000 remaining in the fund that hasn't been used in years. Jason said there's almost \$433,000 in the fund and we haven't used it since Columbus Park, but something like Jefferson Ave Park, we can renovate entirely with the trust fund. We would be able to refurbish the tennis courts and playground surfaces at Florence Park but not utility things like lights.

Jason also mentioned he was talking to Jerry and thinks it's important we all understand that with the Army Corps project that got approved, Jerry has a design meeting in the coming weeks and the design process could take nine months, then the project could start maybe next March. That project is going to have an impact on parks like Ward and Columbus. He's not sure what the entire impact will be in terms

of when they're doing their work, but a lot of folks utilize Florence Park and if we can have Jefferson renovated, it would be nice to have an alternate location close by that could be used if by chance Columbus Park is out of commission. Nora said it will be for a period of time. Carlo said based on his history with the parks department, we were supposed to undertake a project a park like every 2-3 years to renovate it totally, if not the structure it was going to be the rubber surface, because initially all of them had wood chips, which we have at some parks but not all, so this is a great opportunity to renovate Jefferson. Jason said when he first started, they were on a schedule. The first rubber surface was at Warren, then they did Florence, but that wasn't done right. They were supposed to do Jefferson renovation next and then it never happened. Tina said Stanley was also resurfaced and Jason said Columbus basketball court surface was done more recently too. Jason said the good news is the work they did on the Jefferson basketball court will remain, but everything else is going to go, including new fencing. Jason and Jeff are going to work on pricing and design and then they will bring it back here to discuss plans as they progress. Brittany asked, with the daycares in the area, if we could have any community input into the design. Jason said they could but since it's such a broad scale he would want to have options put together first from a vendor, then show that to a small group of stakeholders in the area. Jason said that's the main focus in the near future for the capital plan but there are other items.

Jason said he talked to Jerry about the **Dog Park** and he would like to bond it, thinks it's going to be around \$100,000. Every hundred thousand dollars is an \$8,000 bond fee to pay so Jerry said that we can come up with a fee structure to try to pay off that bond meaning you would have to pay to get into the dog park type deal, but he said that he is going to work on that with us so we can move forward with trying to come up with a plan for that.

Karrie said in looking at where the Dog Park falls on the capital list it's a really long time to wait for something that has been talked about for so long. Now we're talking about it being a bond and not money that supposedly had been budgeted for, so that's a concern and she thinks it deserves a little bit more attention because of how long people have been pushing for it. A lot of things on the list are things that need improvements, and they should be done, but there are new things like the pickleball courts, or other things that we already have, but we don't have a dog park and people with dogs are really looking for a place to go.

Kristen agreed saying been it's been going on for a ridiculous amount of time and doesn't understand, if it's on the list as an option that we can use the trust fund for, why does it need to be bonded and why are we waiting three more years to bond it? At the same token, why are the tennis courts which, on the previous lists were slated a year earlier, we already have quotes received and we have the money, why we're still waiting two more years? She doesn't understand the flow of money.

Jason said spoke with his boss today and that's where he felt the money should be spent in the near term, it's not in his control. He thinks the Dog Park is going to happen a lot sooner, but that's where it fell on the list. Nora said the \$100,000 for the Dog Park is just an estimate, there have not been proposals for it. Kristen said, yes, but on something like the tennis courts, who decides? The money is there and as Carlo pointed out we really haven't used it, it's not making any money sitting in the bank,

we have a list of things that desperately need to be done, we have items where we actually have quotes received for pickleball courts, for tennis courts, what are we waiting for exactly, what has to happen?

Carlo said everyone's got pet projects, he has a little history here also and sat on the board and dog parks, but we've also spoken about a basketball court as well down at the harbor for many years over and over again. He feels a small sliver of people are going to use the dog park, a larger group of people will be using the basketball courts, like summer camp. We've also been talking about expanding the spray ground which the camp would use as well. It's about setting priorities on what's going to be utilized the most. He feels the \$100,000 would be better spent on a basketball court or the spray ground.

Tina asked Nora what she would suggest people do if they have ideas or suggestions. Nora said if it's from the Committee, the Committee needs to decide as a whole what the priorities are.

Going back to Kristen's question, Jason said there have been other recreation priorities and parks priorities haven't been there, like pandemics, storms, sewer projects, other capital projects, bridges and everything else that staff is going through, these things got pushed back and that is the best answer he can give on why he feels things haven't gotten done. He also said the Board has a work session agenda that is jam packed and it's not that they don't want to get to it, there's a lot of things going on. Quotes are already no good. Nora said Jason's right, the trustee work sessions have had things carry over for many months. It's not just PRC projects that aren't getting done, the pandemic and the two storms have really been one of the biggest time sinks for staff right now and creating the FEMA reimbursement list. It's been an extreme two years and they've been dealing with a lot of damage, budget changes, employees out because of Covid, and trying to get the FEMA reimbursement.

Jeff explained they're trying to get all the stuff done as soon as possible. Some stuff on the list can't be done now, like the basketball courts that Carlo mentioned. They're not going to put basketball courts in and then the county is going to come and rip them up and they're going to be no good. So, the dates on this list are just what he and Jason came up with of what they want to accomplish in five years, it doesn't necessarily mean it's in order of importance. Some things will be pushed up, some things will be paid out of the funding we already have, some things we are going to want a bond, it's just the way it works. What we're trying to do now is the Florence Park playground floor before we lose it totally and it costs us even more money. We're trying to do the Lanza lights and the backstop, the Dog Park, and the Jefferson Park improvements. Whether that money comes out of our trust fund or we have to get stuff bonded that's how it's going to work, but this is the opening conversation to push those things forward.

Brittany asked besides financially, if there anything that we can do to help move things forward. Jeff said the Village has been essentially closed because of the pandemic and then we had the flood. We have a lot of work to catch up on, but now that hopefully Covid's ending, and we can get back to a sort of normal state, things can continue to move forward on a regular schedule. Carlo said just to set priorities again, because of the flooding the Village lost a fire department, that's a high priority, and Tompkins bridge also, so the focus is on those projects and funding, those are necessities more than a basketball court, spray ground, or dog park. Jason said Jerry is hopeful, he believes that the Village is

going to be in a really good financial position at the end of this budget in terms of surplus, revenues and sales tax, so hopefully that will give everyone a little bit of encouragement to try to do some capital work. Next meeting he will have real quotes for the lighting, Jeff will work on getting vendors for the playground and as far as a formal quote for the dog park he doesn't know if we have to use that \$19,000 quote or get a formal quote. Nora said that quote was just for design and thought Jerry felt that was too much money. Karrie agreed saying Jerry has already done a dog park elsewhere and he thought that money could be better spent on the park itself.

Karrie also thinks we should prioritize and be focused on things that are absolutely necessary, not wants, and asked Nora about the FEMA application deadline. Nora said it's in the coming weeks and we would not be in a good financial position if Village staff had not documented everything. Not only do we need to get reimbursed but we also have to replace equipment. We've had three FEMA emergencies in under two years and the amount of money we've spent has really put some communities in a hole. We're lucky we're going to be made whole but it is making everything take longer. Jason said he thinks we're going to be in a better place to work on getting some of these projects done. Brittany asked about a realistic timeline. Jason said on the field lights, from speaking with Jerry, we have the quote and can get that to the Board on a work session, maybe March 14<sup>th</sup> and because that's ready to go it's something that can be done very quickly with the vendor before spring sports if the board approves it. Jeff said first and foremost for him is Florence Park playground rubber surface replacement because it's deteriorating and is starting to cause a safety issue. Jefferson Ave Park, Florence Park tennis courts and the Dog Park will take more planning, getting designs and quotes. Then we have to see where we are financially and timewise seasonally.

Karrie asked about the life expectancy of the playground rubber surface, feels like it's soon to replace. Jeff believes it was not installed properly from the beginning. Also, Jeff said each year it's supposed to be inspected and when the rubber surface starts balling up there's a re-sealer that you're supposed to do that prolongs the life of the rubber surface. Nora said they're going to use a different vendor and Jeff said inhouse they're also going to be implementing a maintenance schedule to reseal the rubber surfaces. Carlo asked Nora about when we go to bid, aren't we supposed to take the lowest bid? Nora said we're supposed to take the lowest responsible bid but we don't ever have to use someone we used before if we don't think they're qualified or responsible. Jason said jobs will be watched over very well.

Tina asked if there was anything else on this, Jason said no, we will be discussing capital projects at the next meeting as well. Tina said each month we can stay on top of what we think should be happening next and discuss it.

George Latimer joined the meeting to check in and see if there's anything on our agenda that requires action by the county government. Jason said on behalf of the entire population, all 20,000 residents, he thinks the county Pier at Harbor Island, whenever we can get that done, we'd be super appreciative. George said that's fair enough and that it's our golden jewel. George asked if there's a specific plan and said he will check it out and find out where we are. Someone can give him a call tomorrow.

**Parks Update:**

Jeff said we had a couple of snow/ice storms that they've been dealing with, other than that they've been assisting the harbor master with building docs, they've been doing a lot of shop maintenance trying to be better prepared for the spring and summer seasons. He's using this time to really change the way they do things in the shop, getting input from his own guys on what needs to change and what needs to be done better.

#### **Recreation Update:**

Jason said they're doing a lot of planning. Recently, this month they're doing the hiring information so that will be out next week for part time seasonal jobs; lifeguards, camp counselors, beach attendants, parking booth attendants, etc. Camp information will also be coming out next week with the registration open for residents the first week in March. The seasonal beach/parking passes for Harbor Island Park are going to go on sale the first Monday in April, and they are also working with different groups on events. There are a lot of requests for permits, so they sent out to all the field users, all that is starting to come in. They hope to open the fields for the spring/summer season the first week in April. So it's a busy time of year.

Carlo asked Jeff if they were going to try to address that sinkhole in right field near the school house that's been sitting there for years. Jeff said that's the plan if the weather breaks in early March, to go around the Harbor and all the other parks and start to fill in some divots and sinkholes, spike and seed too in the spring and fall.

Kristen said she's had a couple conversations and knows the city of Rye is requiring all their seasonal staff to be fully vaccinated, what's the Village's policy? Jason said on the employment application there's a questionnaire where it asks you if you're vaccinated, unvaccinated, or if you do not wish to disclose and that's the only thing that the Village has told him so far. He doesn't think they have a policy Village wide as of yet but they're trying to gauge how much staff is vaccinated. Kristen said she knows with kids, parents would prefer staff be vaccinated. Brittany asked if the camp will be all outdoors again. Jason said mostly outdoors but the pavilion will be used, especially for the younger ones, same as last year. Brittany thought that might be a concern that kids would be indoors at all. Jason said whatever the Village's policy is with hiring is what he has to go by, he doesn't know which way the Village is going to go. Nora said she thinks Jerry's trying to figure out what to do based on the mandates and the court situation.

Jason told us the Village historian reached out to him, the Historical Society wants to do an event on the bandstand where they do traditional dances and teach people how to do them. According to the historical society, this is a sponsored event so Westchester gets money from the state for these types of historical performances and some of that money went to our historical society. We don't have a flyer yet but it will be mid-May. Nora said Jason and Jeff are also working with the Arts Council and the Emelin, there's going to be two concerts in the summer that the Emelin and the Arts Council partner with and then there's going to be four Friday concerts in parks. Jason has a full list of a bunch of events they're working on; movie nights, Tiki nights, camp outs, car show, parades, the first being the St Patrick's day parade on March 22<sup>nd</sup>, the Firemen's parade is June 29<sup>th</sup>. He's also working with the Rye Neck PTSA on Sprint to School the end of April/early May, so there's a lot of things coming up.



Karrie wasn't sure if everybody was aware but the Board has slated on February 14 to review the public law about smoking in parks. With the legalization of marijuana there is the possibility of adding marijuana to the list of prohibitions but at one of the Board's sessions/meetings, we have a new trustee who was questioning whether or not smoking should be prohibited at all. Since we are PRC and make recommendations, thought we should have an opinion on what we think so that the Board is aware of how this Commission feels about all of that. Nora said the proposed law is to simply add marijuana and any marijuana product to the current prohibition. There is no smoking allowed in parks now but marijuana is not prohibited so the law expands the prohibition. Karrie stated she thought we should add marijuana because while it's legal it's still a substance, just like smoking, and the law should stand that smoking should be prohibited in the parks. Kristen said smoking is legal too and agreed that just because something is legal doesn't mean you should do it our parks. Brittany also agreed and said she sees cigarette butts all over Harbor Island Park and around park benches so questioned if there were areas we deemed as public. Currently there are no designated smoking areas. Nora said if we want to make a statement as a committee, we need to vote on it otherwise we can make statements individually. Tina made a motion to support adding marijuana to the existing law that prohibits smoking in parks, Brittany seconded, Karrie did a roll call, all in favor. Tina will send an email to the Board with our recommendation.

**Closing:**

Tina made a motion to adjourn the meeting, Karrie seconded. Meeting adjourned.

Next meeting is March 2<sup>nd</sup>.

## MEMORANDUM

To: Jerry Barberio, Village Manager  
Daniel Sarnoff, Assistant Village Manager

From: Jason Pinto, Recreation Supervisor

Re: Lanza Field Lights LED Retrofit

Date: February 17, 2022



Village of Mamaroneck  
**Parks & Recreation**

914-777-7784

[recreation@vomny.org](mailto:recreation@vomny.org)

[www.villageofmamaroneck.org](http://www.villageofmamaroneck.org)

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The Lanza Field lights, originally installed in the 1980's, have served the community well past the original expected lifespan of 25 years. Current usage includes for youth and adult athletic programs as well as special events, concerts, etc. Installation of the retrofit lights will be a benefit to the community as well as local youth sports organizations due to increased affordability. Teams are more apt to take advantage of using the field since costs to operate will decrease. This will create additional revenues while decreasing payroll for operational purposes. We will additionally reduce the costs of departmental programming for the same reasons. The upsides to this project benefit all parties; the enjoyment for the community as well as the financial benefit to the Village's operating costs.

### **Benefits of LED athletic field lighting (Musco SportsCluster System – LED Retrofit):**

**Reduction in Energy Costs** - Musco SportsCluster system will cut energy consumption by as much as 80 percent while virtually eliminating glare and wasteful spill light into the surrounding area (light pollution). System comes factory assembled, aimed, tested, and ready to deliver guaranteed light levels and precise control on Lanza Field, which will improve energy efficiency, and ultimately, operating costs.

**Reduction of Maintenance Costs** – Musco's product assurance and warranty program covers materials and on-site labor, eliminating 100% of our field light maintenance costs for 10 years.

**Material longevity** - One of the great advantages of LED lights is that they last for an incredible number of hours. Each LED light installed potentially lasts 25x longer than traditional metal halide bulbs.

**Safety & Security** – In addition to the heads being upgraded, the project will also include security lights (5) which will increase illumination in the park (no dark spots) and provide additional park accessibility after dark. This will ultimately improve the park experience for patrons and provide security through lighting. This will decrease the likelihood of dangerous conditions in the park due to inadequate lighting.

**Efficiency/Remote Operation** - SportsCluster system will be further enhanced with Musco Control-Link, the monitoring service enables the department to efficiently schedule and control the lights remotely from a smart phone, web page, or Musco 24/7 call center. Includes remote on/off and dimming (high/medium/low).

**NYPA Minimum Demand Fees** – LED conversion will considerably reduce NYPA minimum demand utility fees. The minimum demand fee is a monthly fee that we pay as part of the cost of maintaining the electric utility's infrastructure required to deliver electricity to our facility (field lighting system). The demand charge amount is based on how high our energy use measured in kilowatts (kW) peaked during the billing month. Efficient LED lighting will reduce the operating kilowatts that will in turn, reduce our minimum demand fees. On average expected reduction in kilowatt usage could be as high as 53%.

**System Description – Existing poles will be utilized:**

- (7) Factory wired poletop luminaire assemblies
- (39) Factory aimed and assembled luminaires
- Factory wired and tested remote electrical component enclosures
- Pole length, factory assembled wire harnesses
- Mounting hardware for poletop luminaire assemblies and electrical components enclosures
- UL Listed assemblies
- (5) OSQ area luminaires – Security Lighting

**Return on Investment** – 10-year utility ownership savings of \$129,737. Reduction of 289 tons of CO2 (equivalent to taking 61 cars off the road for one year). System will pay for itself via electrical utility/maintenance savings within 19 years. System lifespan is estimated at 30 years or more.

**Procurement** – Sourcewell purchase contract number: 071619-MSL includes the equipment and labor installation costs.

**Funding** – Should the Village Board desire to move forward with this project, staff recommends that it be funded through the capital budget.

**Timeframe** - 6 - 8 weeks for delivery of materials to the job site from the time of order, submittal approval, and confirmation of order details including voltage, phase, and pole locations.

The Parks & Recreation Commission will be in review of this proposed park improvement during March 2, 2022 meeting.

I thank you for your time and attention to this matter and respectfully request that this item be added to the March 14, 2022, work session/regular meeting agenda for further review and discussion with the Board of Trustees.

## Quote

Date: February 3, 2022  
To: Village of Mamaroneck

Project: 192194 Harbor Island Park Lanza Field  
Mamaroneck, NY

### Sourcewell

Master Project: 199030, Contract Number: 071619-MSL, Expiration: 08/27/2023  
Category: Sports lighting with related supplies and services

All purchase orders should note the following:  
Sourcewell purchase – contract number: 071619-MSL

### **Quotation Price – Materials Delivered to Job Site and Installation**

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**SportsCluster System (Baseball/Softball, 90ft Basepath, 320/360/320, 50/30 Light Levels)..... \$ 244,000**

*Pricing furnished is effective for 60 days unless otherwise noted and is considered confidential.*

### **SportsCluster® system with Total Light Control – TLC for LED™ technology**

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#### System Description

- (7) Factory wired poletop luminaire assemblies
- (39) Factory aimed and assembled luminaires
- Factory wired and tested remote electrical component enclosures
- Pole length, factory assembled wire harnesses
- Mounting hardware for poletop luminaire assemblies and electrical components enclosures
- UL Listed assemblies

#### Control Systems and Services

- Control-Link® control and monitoring system to provide remote on/off and dimming (high/medium/low) control and performance monitoring with 24/7 customer support

#### Operation and Warranty Services

- Product assurance and warranty program that covers materials and onsite labor, eliminating 100% of your maintenance costs for 10 years
- Support from Musco's Lighting Services Team – over 170 Team members dedicated to operating and maintaining your lighting system – plus a network of 1800+ contractors

### **Security Lighting**

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- (5) OSQ area luminaires

### **Installation Services Provided**

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[See attached scope of work]

### **Payment Terms**

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Musco's Credit Department will provide payment terms.

Email or fax a copy of the Purchase Order to Musco Sports Lighting, LLC:

Musco Sports Lighting, LLC



## Quote

Attn: Amanda Hudnut  
Fax: 800-374-6402  
Email: musco.contracts@musco.com

**All purchase orders should note the following:  
Sourcewell purchase – contract number: 071619-MSL**

### ***Delivery Timing***

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6 - 8 weeks for delivery of materials to the job site from the time of order, submittal approval, and confirmation of order details including voltage, phase, and pole locations.

Due to the built-in custom light control per luminaire, pole locations need to be confirmed prior to production. Changes to pole locations after the product is sent to production could result in additional charges.

### ***Notes***

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Quote is based on:

- Shipment of entire project together to one location.
- 240 Volt, Single Phase electrical system requirement.
- Structural code and wind speed = 2018 IBC, 120 mi/h, Exposure C, Importance Factor 1.
- Owner is responsible for getting electrical power to the site, coordination with the utility, and any power company fees.
- Includes supply and installation of Musco system and controls by a licensed contractor. Musco will provide certificate of insurance and payment and performance bonds. All labor is Westchester County prevailing wage. Musco will submit certified payrolls with invoices.
- Confirmation of pole locations prior to production.

Thank you for considering Musco for your lighting needs. Please contact me with any questions or if you need additional details.

David Kulis  
Sales Representative  
Musco Sports Lighting, LLC  
Phone: 845-745-4423  
E-mail: david.kulis@musco.com

Musco Sports Lighting, LLC  
100 1<sup>st</sup> Avenue W  
P.O. Box 808  
Oskaloosa, IA 52577



**Harbor Island Park Lanza Field  
Mamaroneck, NY  
Retrofit Scope of Work**

**Customer Responsibilities:**

1. Complete access to the site for construction using standard 2-wheel drive rubber tire equipment.
2. Locate existing underground utilities not covered by your local utilities. (i.e. water lines, electrical lines, irrigation systems, and sprinkler heads). Musco or Subcontractor will not be responsible for repairs to unmarked utilities.
3. Locate and mark field reference points per Musco supplied layout. (i.e. home plate, center of FB field).
4. Ensure existing poles are structurally adequate to handle new fixture loading.
5. Ensure usability of existing underground wiring.
6. Pay any necessary power company fees and requirements.
7. Pay all permitting fees.
8. Provide any existing as-built documents or drawings.
9. Provide sealed Electrical Plans. (If required)

**Musco Responsibilities:**

1. Provide required fixtures, electrical enclosures, mounts, hardware, wire harnesses, and control cabinets.
2. Provide SportsCluster® poletop luminaire assembly on (7) poles.
3. Provide fixture layout and aiming diagram.
4. Provide Project Management as required.
5. Assist our installing subcontractor and ensure our responsibilities are satisfied.

**Musco Subcontractor Responsibilities**

**General:**

1. Obtain any required permitting.
2. Contact appropriate agencies for locating underground public utilities and confirm they have been clearly marked.
3. Contact the facility owner/manager to confirm the existing private underground utilities and irrigation systems have been located and are clearly marked to avoid damage from construction equipment. Notify owner and repair damage to marked utilities. Notify owner and Musco regarding damage which occurred to unmarked utilities.
4. Provide labor, equipment, and materials to off load equipment at jobsite per scheduled delivery.
5. Provide storage containers for material, (including electrical components enclosures), as needed.
6. Provide necessary waste disposal and daily cleanup.
7. Provide adequate security to protect Musco delivered products from theft, vandalism, or damage during the installation.
8. Keep all heavy equipment off playing fields when possible. Repair damage to grounds which exceeds that which would be expected. Indentations caused by heavy equipment traveling over dry ground would be an example of expected damage. Ruts and sod damage caused by equipment traveling over wet grounds would be an example of damage requiring repair.
9. Provide startup and aiming as required to provide complete and operating sports lighting system.
10. Installation to commence upon delivery and proceed without interruption until complete. Musco to be immediately notified of any breaks in schedule or delays.

**Demolition:**

1. Remove and dispose of the existing fixtures, and electrical enclosures. This will include the recycling of lamps, aluminum reflectors, ballast, and steel, as necessary.
2. Leave existing ground wires and power feed in place for connection to new lighting equipment.



### **Retrofit Musco Equipment to Existing Poles:**

1. Provide labor, materials, and equipment to assemble and install Musco TLC for LED® equipment on existing poles and terminate grounding and power feed. Power feed may need to be reworked to adapt to the new Musco equipment.
2. Ensure grounding components meet minimum standards required by NEC and NFPA780.
3. For concrete poles provide new lightning down conductor(aluminum) and  $\frac{5}{8}$  in copper ground rod. For poles 75 ft (22 m) or less use 1/0 AWG, poles over 75 ft (22 m) use 4/0 AWG conductor. Bond internal pole ground to new down conductor.
4. For steel poles provide new ground rod and pole bonding conductor per NFPA Annex A.1.6.
5. Down conductor shall be converted to copper wire for any underground runs and bonded to ground rod(s).
6. Ensure all Musco components are bonded to both equipment and lightning grounds. No upward sweeps allowed for lightning down conductor or bonding jumper(s). See installation instructions for further information.
7. Test ground resistance with 3-point megger and confirm 25 ohms or less for each pole. Install additional ground rods or create grounding grid until resistance of 25 ohms or less is achieved.

### **Electrical:**

1. Provide materials, and equipment to reuse existing electrical service panels as required.
2. Provide materials, and equipment to reuse existing electrical wiring as permitted.

### **Control System:**

1. Provide labor, equipment, and materials to install (1) Musco Control and Monitoring cabinet and terminate all necessary wiring.
2. Provide a dedicated 120V 20A controls circuit or a step-down transformer for 120V control circuit if not available.
3. Check all zones to make sure they work in both auto and manual mode.
4. Commission Control-Link® by contacting Control-Link Central™ at 877-347-3319.



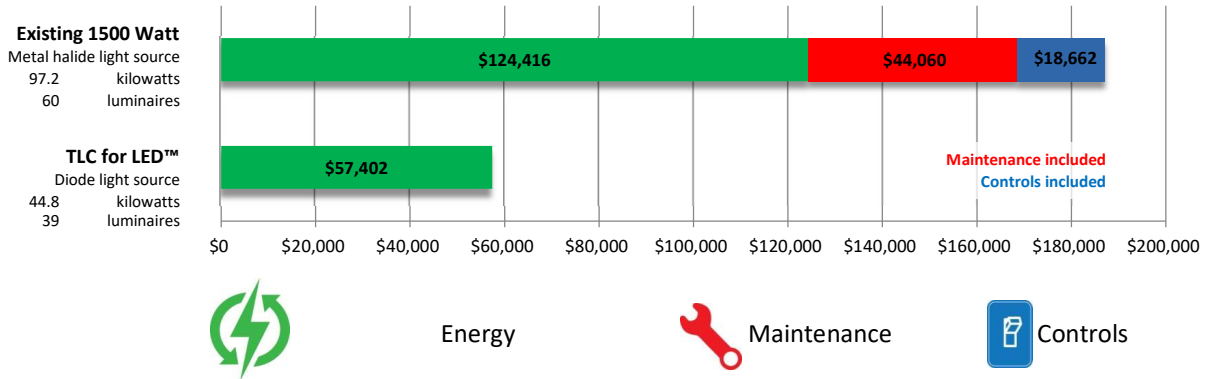
# 10-Year Cost of Ownership Comparison

## Harbor Island Park Retrofit

Prepared For:

Village of Mamaroneck

July 1, 2021



**How is this possible?** Musco's 40 years of developing systems, light control, and application expertise puts more available lumens per watt on the field. Our services team provides all on/off operation, monitoring, and maintenance.

### For your budget . . . for the environment

Musco LED



10-Year Ownership Savings

**\$129,737**



CO2 reduction

**289 tons\*\***

\*\* Equivalent to taking **61** cars off the road for one year

Assumptions	Softball Field - 50/30/30 footcandle
Annual operating hours	800
<b>Energy:</b>	
Energy cost per kilowatt hour	\$0.16
Demand charge per kilowatt hour	\$0.00
<b>Maintenance:</b>	
Group relamp - cost per luminaire	\$266
Spot maintenance over 10 years	\$1,500
<b>Controls:</b>	
Labor - turning lights on & off	\$0.00
Lights on extra time without controls	15%





**From:** [Jeff Ahne](#)  
**To:** [Jerry Barberio](#); [Rec&Parks](#)  
**Cc:** [Daniel Sarnoff](#)  
**Subject:** Florence park rubber surface  
**Date:** Tuesday, February 22, 2022 1:38:09 PM  
**Attachments:** [florence 1.jpg](#)  
[florence floor 4.jpg](#)  
[florence floor 5.jpg](#)  
[florence floor 6.jpg](#)  
[florence floor 7.jpg](#)  
[florence floor 8.jpg](#)  
[florence floor 9.jpg](#)  
[florence floor 10.jpg](#)  
[florence floor 11.jpg](#)  
[florence floor 12.jpg](#)  
[florence floor 13.jpg](#)  
[florence 4.jpg](#)  
[florence 6.jpg](#)  
[florence 7.jpg](#)  
[florence 8.jpg](#)  
[florence 9.jpg](#)  
[florence 10.jpg](#)  
[florence 11.jpg](#)

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Good afternoon all

I am writing this email to inform you and the Parks Recreation Commission of a major safety issue at Florence Park. Due to an improper installation of a rubber floor base material, the playground floor surface has disintegrated to an unsafe state, becoming a legitimate safety concern for children. I have included pictures depicting the current state of the poured-in rubber surface in Florence Park. Since my assessment, I have had three separate companies come out and evaluate the condition of the floor surfacing; they unanimously confirmed my opinion about an improper installation of the floor base material. The correct base material was not used when they originally dug out the sand around the playground, which has made the surface become wavy and uneven. Additionally, I am being told by certified installers that the wrong base coat of rubber was installed as well. In a typical installation, the base coat of rubber is larger and contains more strands in it (to encourage proper adhesion of the top coat of rubber). This did not occur at Florence Park; they instead utilized a top coat base along with an additional top coat without properly gluing down the surface. As a result of this negligence, this is causing safety issues - a main one is a tripping hazard factor. If a child is running around the playground, their foot can easily get snagged underneath the rubber surface and land the child face first into playground equipment, inflicting serious injury.

As we are out of warranty for this installed playground surface (as it was installed many years ago), it leaves us two options for remedy. The first option would be to rip up the floor surface to base and reinstall it properly with the appropriate state-of-the-art rubber flooring materials (which would cost over \$180,000 to complete). I personally don't think that is a responsible use of funds to make this kind of investment in a park that contains equipment which is nearing the end of its useful lifespan. The best option for now would be to rip up the surface and temporarily replace the floor with fiber wood

chips to improve on safety and save on cost. When we are prepared to invest in the replacement of expired playground equipment in the park, a discussion to reinstall the poured in-place rubber surface (done the correct way) should occur as well.

If you have any questions, please let me know.

Thank you for your time and consideration in this matter.

Jeff Ahne  
General Foreman  
Village Of Mamaroneck  
Parks department









