

Flagler County Tourist Development Council Agenda

July 24, 2024 • 9:00 a.m.

Government Services Building 2, Board Chambers, 1769 E. Moody Blvd., Bunnell, FL 32110

Meetings streamed live on Spectrum Channel 492 and YouTube <https://www.youtube.com/flaglercounty/live>

- 1) Pledge to the Flag and Moment of Silence
- 2) **Consent Agenda:** Request the Board accept the following:
 - a. **Meeting Minutes:**
 1. April 17, 2024, Regular Meeting
 - b. **Financial Reports:**
 1. Revenue Report
 2. Budget to Actual
 3. Quarterly Lodging Trends Reports
 - c. **Quarterly Marketing Reports:**
 1. April 2024
 2. May 2024
 3. June 2024
- 3) **Presentations:**
 - a. **Tourist Development Tax Update:** by Renee Flynt, Flagler County Tax Collector's Office
 - b. **Marketing & Advertising Creative Campaign Update:** by Thom Hart, Creative Director, Aqua
- 4) **General Business:**
 - a. **Fund 1110 FY25 Discretionary Event Funding:** Review and recommendation to the Board of County Commissioners for the following grant:
 1. \$5,000 - National Christian College Athletic Association (NCCAA), National Championship, October 19-23, 2024
 - b. **Fund 1110 FY25 Special Event Marketing Grant:** Review and recommendation to the Board of County Commissioners for the following grants.
 1. \$15,000 - Auditorium Governing Board, Fitzgerald Performing Arts Center, 2024-2025 Season
- 5) **FY 2024-2025 Budget for Funds 1109, 1110, & 1111:** Review and recommendation to the Board of County Commissioners for:
 - a. 1109 FY 2024-2025 Budget
 - b. 1110 FY 2024-2025 Budget
 - c. 1111 FY 2024-2025 Budget
- 6) **Eco-Discovery Center:** Receive update and recommendation to the Board of County Commissioners for: Designation and allocation of additional funding for project, Amy Lukasik, Executive Director
- 7) **Funding of Future Beach Renourishment Program:** Receive update and recommendation to the Board of County Commissioners for:
Long term annual funding and reallocation of the Tourist Development Tax, Amy Lukasik, Executive Director
- 8) **Fund 1109 Capital Project Funding Program:** Review and recommend to the Board of County Commissioners up to \$745,372 for the following grants:
 - a. \$745,372 (requested) – Flagler County, Island House at the Preserve at Princess Place Preserve
 - b. \$625,000 (requested) – City of Palm Coast, Indian Trails Sports Complex (Field Lighting)
 - c. \$745,372 (requested) – City of Flagler Beach, Flagler Beach Beachwalk

9) Department Updates and Presentations:

a. **Tourism Development Office Update:** by Amy Lukasik, Executive Director

10) Community Outreach: Thirty-minute time has been allocated at the end of the meeting for public comment. Each speaker will be allowed up to three minutes to address the Board on items not on the agenda.

11) Board Member Comments

12) Adjournment

Please take notice that individual Commissioners of the Board of County Commissioners may attend this meeting. The Commissioners who attend, except for the Commissioners who serve on the designated board being noticed, will not take any action, or take any vote at this meeting.

This is not an official meeting of the Board of County Commissioners of Flagler County. This notice is being provided to meet the spirit of the Sunshine Law to inform the public that commissioners may be present at these discussions. In accordance with the Americans with Disabilities Act, persons needing assistance to participate in this meeting should contact the number listed above at least 48 hours prior to the meeting.



Capital Project Impact Model Results

Applicant: City of Palm Coast

Project: Indian Trails Sports Complex-Lighting for Fields

As stated in the Capital Project Funding Program Guidelines, the goals and objectives for the use of Tourist Development Tax (TDT) for capital projects is to: 1) ensure compliance with Florida TDT statutorily allowed uses, 2) support facilities that raise the community’s profile and enhance the County’s economy including the vital tourism industry to attract events that bring overnight visitors, and 3) provide economic and/or promotional benefits.

Applicants must demonstrate the tourism economic benefits of their project and the Tourism Development Office (TDO) will utilize a Capital Project Impact Model based on the information submitted in the application.

If the project is unable to demonstrate an economic benefit, then the applicant must provide a detailed explanation on how the project will meet the programs goals and objectives as stated above. Applicants are encouraged to include any data and stats that will help support their funding request. Applicant has stated the following projections:

	1st Year	2nd Year	3rd Year
Projected Room Nights	500	500	500
Average Nightly Room Rate	\$150	\$200	\$250

Based on the projections provided by the applicant, the economic impact model estimates the following revenue in accommodation sales and bed tax.

<u>Estimated Room Night Revenue + Bed Tax</u>			
Year 1	Year 2	Year 3	Total
\$75,000	\$100,000	\$100,000	\$275,000
\$3,750	\$5,000	\$5,000	\$13,750

SECTION B: APPLICATION

To Be Completed by TDO Staff			
Application Received:	_____	TDO Staff Received:	_____
TDC Approved:	_____	BOCC Ratified:	_____

GENERAL INFORMATION

Organization Legal Name City of Palm Coast

Street Address 160 Lake Avenue

City/State/ZIP Palm Coast/FL/32164

FEIN # 59-3614294

Website www.palmcoast.gov

Authorized Agent Name James Hirst

Title Director of Parks and Recreation

Phone 386-986-2325

Email jhirst@palmcoastgov.com

Capital Project Information:

Project Name/Title: Indian Trails Sports Complex

Estimated Project Time Start Date 6/1/2025

Estimated Project Time Start Date 1/30/2026

Total Estimated Project Cost: \$1,250,000

Total Amount of Funding Requested: \$625,000

APPLICANT INFORMATION

Type of Organization:

- A local government organization located in Flagler County
- An organization that is a not-for-profit and open to the public located in Flagler County. How long in existence? _____

Identify the statutorily eligible Capital Project (per FS125.0104) for which you are applying:
Capital funds will be used for the (check all that apply):

- Acquisition
- Construction
- Extension
- Enlargement
- Remodel;
- Repair
- Improvement

Has this organization received Capital Improvement funds from the TDC before?

- No
- If Yes, please provide the total amount received, name of project, year applied, and year project was completed:

2011 ITSC Improvements \$150,000
2014 ITSC Improvements \$150,000
2018 ITSC Improvements \$150,000
2022 Southern Recreation Center \$739,158

- The Project Completion Report has been submitted for prior funding. If not, please explain:

Will applicant be able to demonstrate tourism economic impact and/or a high promotional benefit from the project?

- No
- Yes

CAPITAL PROJECT DETAILS

Owner City of Palm Coast
Project/Facility Name Indian Trails Sports Complex
Street Address 5455 Belle Terre Parkway
City/State/ZIP Palm Coast/FL/32164
Facility will be:
 Local government owned and operated
 Owned and operated by a not-for-profit organization and open to the public
Land is owned by City of Palm Coast
Land use is approved for Recreation/Public amenity
Land is Leased by N/A
If Leased – Lease Period Ends N/A
Land Value \$1,449,352: Indian Trails Sports Complex \$19,408,287: Flagler School District

Are Special Approvals Needed Yes, see third party contingency below
 Historical
 Environmental
 Governmental
 Other: _____

Are there any third party contingencies? Flagler County School District

TOURISM ECONOMIC BENEFIT OF PROJECT/FACILITY

Please provide a brief narrative of the plan for this project to generate room nights in Flagler County (if applicable).

On average, how many months per year will the Project be utilized?

9 Utilized for Tourist
12 Utilized for Residents

For those months, how many average days per month will the Project be utilized?

20 Utilized for Tourist
30 Utilized for Residents

Are any segments of your target audience(s) tax exempt?

Yes, some sports organizations that utilize the fields are non-profit, tax-exempt.

Estimated Hotel Room Nights. This is the number of room nights generated annually for the first three (3) years after the Project opens. If the Project is an expansion to an existing facility, please only include those room nights resulting from the development of this Project.

	1 st Year	2 nd Year	3 rd Year
Projected Room Nights	<u>500</u>	<u>500</u>	<u>500</u>
Average Nightly Room Rate	<u>\$150</u>	<u>\$200</u>	<u>\$250</u>

How do you intend to provide a valid estimated count of attendance and/or room nights for this facility/venue?

Before and after each tournament we require each organization to provide us with number of registered teams. Staff uses a formula to estimate crowd attendance and estimated economic impact. We plan to implement a survey to gather information on hotel stays. We have successfully implemented this at the Southern Recreation Center and is now part of our registration procedures.

Describe and/or provide any studies or reports undertaken to determine the feasibility of the current proposed Capital Project.

Please see attached report for two quotes from Musco Lighting. Musco Lighting visited our baseball/softball site and performed an analysis in 2020. We also have a Musco quote for fields 3-5 and believe this best reflects the scope for fields 6-8 although prices have since increased. We have accounted for that. Attached is Our Capital Improvement Plan. This document reflects extra lighting and estimated supplies increase.

Describe in detail how the project will be sustained beyond initial funding period. Identify efforts, funding and plans that have been made for suture sustainability.

Once the lighting construction is complete, we would have an annual operating budget approved by City Council. Light replacements or other significant upgrades would be placed on our Capital Improvement Plan.

Flagler County Tourist Development Council

Is this project subject to any governmental fees and taxes that are generated by the Capital Project?

No

Yes, please explain _____

How will this project significantly raise the community's tourism profile and overall image?

Indian Trails Sports Complex continues to be a highly desirable sports event destination. In 2021, Palm Coast and Indian Trails Sport Complex hosted the Florida State Little League championships. After a successful 3-day competition Palm Coast and Flagler County were recognized as a great host with quality facilities. Due to our success and quality facilities, we have already secured the 2024 Little League State softball tournament. With these improvements we will see more of these regional and state tournaments as sufficient lighting is imperative to many of these competitions.

FEASIBILITY OF PROPOSED PROJECT/FACILITY

What is the mission statement of your organization? Mission statements should be one or two sentences.

City of Palm Coast mission: Delivering exceptional service by making our citizens our priority.
Parks & Recreation mission: We strive to make Palm Coast a great place to live, visit, and recreate! Our staff is dedicated to bringing the citizens of Palm Coast quality of life through facilities and programs.

What are the goals for the project? Goals are statements about the future for your tourism endeavor. These should be measurable through quantitative data.

Our goal for Indian Trails Sports Complex is to continue being a prime destination for sports tourism in Flagler County while also providing a local amenity to our community. With this project we can host many more tournaments with more teams and more days by accommodating more night play. For youth in school and working adults, nighttime play is essential and proper lighting enhances the safety of the facility.

What are the objectives for the project? Objectives are steps you take to accomplish your goals.

Objective 1: Continue to recruit and grow our current tournaments by adding more teams and more days.

Objective 2: Recruit new regional/state tournaments that can bring more teams and more days resulting in more overnight stays.

Provide an estimated detailed timeline for the project?

Our Capital Improvement Plan lights are scheduled for Fiscal year 2025 (see attached). Construction is estimated to begin June/July and be completed February/March of the following year.

Who will be responsible for operating costs and maintenance of the project when complete?

City of Palm Coast and the Parks & Recreation Field Maintenance division.

How will these costs be covered?

Annual operating budget is approved by City Council and through the City's Capital Improvement Plan

Does the project have any user fees or is it free to the public?

Tournament organizations will pay a fee for field usage. Public access to the facility is free.

Flagler County Tourist Development Council

How will you evaluate and measure the success of the project?

We will continue using our economic impact calculator. Since 2011, we have utilized this calculator and it has been very effective in calculating economic impact for each tournament. We also update annually to reflect changes in the economy. We will continue to work with Flagler County Tourist Development Council to ensure we have the most accurate and up to date information.

If this is an existing facility, please provide any prior event history and details that would have an impact on tourism.

Please see attached economic impact and tournament schedule report dated from 2011-2024.

Are you able to match the amount of funding requested from the TDC in the form of cash?

Yes

- Please attach detailed estimated costs and all sources of funding for the project
- Please include any schematics, site plans, or images related to the project.

QUALITY AND UNIQUENESS OF PROPOSED PROJECT/FACILITY

Identify the need that the project will serve and how this project will provide a unique benefit to Flagler County?

The ability to offer an athletic facility with lights to sports event organizers with the capacity to host multi-day tournaments has the potential to bring thousands of visitors to our community in a single weekend. These visitors will be staying within our community taking advantage of the hotels and restaurants readily available and within proximity to the venue. An increase in athletic competitions will promote and enhance overnight stays within our community.

What similar facilities/projects exist in the community and region that may impact the success of this project?

Flagler County Parks and Recreation has two locations. Wadsworth Park provides multipurpose fields and baseball/softball fields. Flagler County Recreation Area and Fairgrounds also provides baseball and softball fields. Ormond Beach and Volusia County have sports complexes to our South and St. Johns County to our North. Even with these existing complexes we still are a very desirable sporting destination due to our high-quality field conditions and nearby amenities.

If others exist, where is it located and why is a duplicate facility/project needed?

City of Palm Coast and Flagler County continue to have a great relationship. Having multiple athletic facilities will help provide more fields and facilities to help attract bigger sports events. We have collaborated in the past for use of extra fields. Adding lighting to our high-demand fields will help improve our ability to meet the growing demand.

COMMITMENT TO THE EXPANSION OF FLAGLER COUNTY TOURISM

Provide a marketing plan that outlines strategy, tactics, target audience and budget amount that will be used to promote the project after completion.

Please see attached.

Flagler County Tourist Development Council

How will this project reach new audiences and increase awareness of Flagler County?

Since the initial expansion of the Indian Trails Sports Complex (2011) we have seen an increase in the number of tournaments held. Since 2011, we have held 151 events at the Indian Trails Sport Complex. We continue to be a destination. These events bring in thousands of players, family members, and spectators increasing their awareness of Flagler County.

Does this project align with the three pillars of the current tourism strategic plan?

Yes, in particular this project supports objective D3: Strategically guide efforts to enhance or develop facilities as to their viability, costs/ROI, and means of implementation.

What is the valuation of the Marketing and/or Sponsorship benefits to be provided to the TDC?

This project will continue to benefit the marketability of our county to regional, state, national, and international athletic organizations. Expanding the fields available at this venue, coupled with the existing outdoor recreational opportunities and amenities will position our community as a "destination" for event coordinators when searching for locations to host athletic tournaments and events. The TDC logo and recognition will receive a wide reach as a result.

Identify any partner organizations involved in the planning process or who may be involved after project completion. Include what role they may serve and any resources they may contribute.

Sport organizations have been consulted on the building of the current fields. They have also seen and had input on the conceptional drawings of the proposed lights. We have an existing agreement with Flagler County School District for fields located at Indian Trails Sports Complex.



Indian Trails Sports Complex/Athletics - Marketing Plan



**Game On
Palm Coast**



PURPOSE

The purpose of this marketing plan is to guide the City of Palm Coast in a shared strategy that focuses on the needs and desires of the Indian Trails Sports Complex. The marketing team recognizes the need to be flexible within an ever-changing landscape of marketing and community relations opportunities.

GOALS

Market the Indian Trails Sports Complex as a regional destination for organized sports and tournaments, through dynamic content, engaging partnerships, and timely communication.



A VISION FOR A REGIONAL SPORTS DESTINATION

With its original construction in 2004, the Indian Trails Sports Complex has evolved and expanded into a regional sports destination that offers exceptional athletic facilities for soccer, lacrosse, flag football, baseball, and softball. It is a top-notch location for local, regional, and state sports tournaments.

The City of Palm Coast recognizes that youth and adult sports programs have a positive impact on the residents of the community. The Palm Coast Sports Alliance was initially created as part of the economic development plan, Prosperity 2021, with the goal of creating opportunities to promote and expand sports, recreation, and leisure programs for our local citizens, market and attract sporting and recreational events for the positive impact on citizens, and assist with hosting sporting events. The Sports Alliance has since evolved to encompass all of Flagler County bringing together local athletic groups and better engaging the community.

YOUTH SPORTS

A positive impact on future generations

According to the National Recreation and Park Association, nearly all (98%) U.S. adults agree it is important to provide youth with equitable access to sports opportunities.



Building friendships



Developing skills,
like teamwork and respect

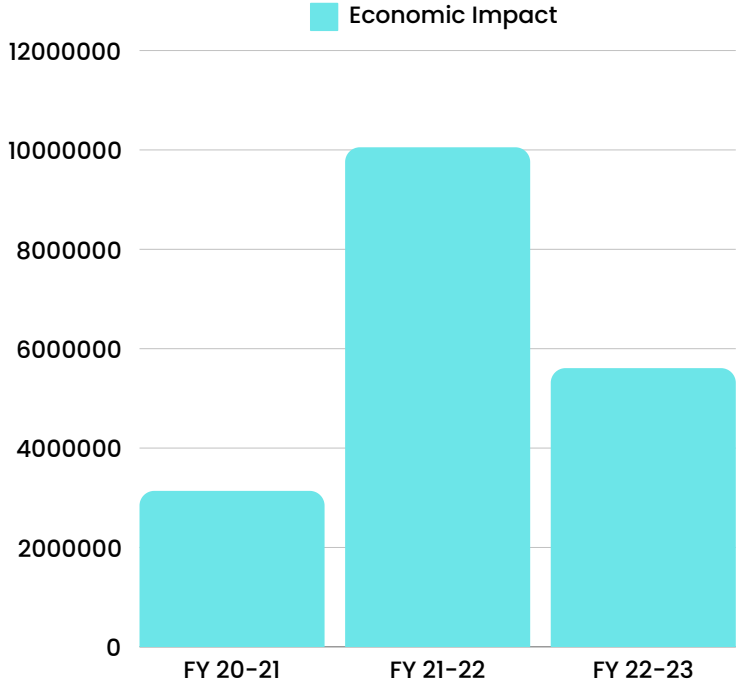


Increasing physical activity



ECONOMIC IMPACT

With Indian Trails Sports Complex already being a well-established and highly sought-after facility, we have a demonstrated history of economic impact over the years. This is attributed to the numerous tournaments bringing in travel players and their family members.



ECONOMIC IMPACT



PERMITS

All activities occurring at the Indian Trails Sports Complex require a permit. This not only helps us in tracking requests and organizing our schedule, but also provides us vital information on the usage of our fields.



ATTENDANCE

All permitted activities track and report their attendance to us. This has allowed us to analyze trends over the years. Groups continue to grow in numbers indicating the strong support of youth sports.



SURVEYS

Similar to our Southern Recreation Center, we plan to implement surveys as part of the tournament after-action process in order to obtain information on overnight stays.

OUR METHODS OF COMMUNICATION



PRINT PUBLICATIONS

We maintain a robust advertising relationship with local newspapers and lifestyle magazines.



ELECTRONIC COMMUNICATIONS

With a contact list of over 47k, Palm Coast's e-news platform has a diverse reach for its weekly and monthly newsletter.



IN-HOUSE ADVERTISING

Posters, flyers, print newsletters, and calendars are just some of the items produced and distributed by our in-house talent.



DIGITAL PUBLICATIONS

The City executes yearly contracts with local digital papers, news blogs, and County platforms.



SOCIAL MEDIA

Boasting over 41k followers, the City's social media channels are a community hub for residents and visitors alike.



WEBSITE

The newly redesigned City website offers a sleek and modern user experience with a dedicated sports calendar.





CORE OBJECTIVES & STRATEGIES NOW AND BEYOND

In the everchanging landscape of marketing and communications, our approach for continued growth is to create a flexible and data-centric marketing culture that focuses on local economic impact, community involvement, and consistent evaluation. Our main focus is on the following core objectives:

- continue partnerships with Sports Alliance members as our facility advocates
- bid and capture lucrative tournaments and league play
- increase visitation and yield from sports-minded travelers
- create marketing collateral that places Palm Coast as a vibrant destination for athletes, fans, and travelers
- provide value to the local business community as a reliable and lucrative partner
- develop strong sponsor programs to further grow the local imprint of the facility
- act as a catalyst for future sports and hospitality growth in Flagler County

MARKETING BUDGET

Line Item	Amount
General Advertising	\$5000
Marketing Assets	\$500
Banners	\$620
Promotional Items	\$2000
Total Budget	\$8,120





Indian Trails Sports Complex/Athletics - Marketing Plan



Game on Palm Coast

www.photosbyhallie.com

Other Attachments

- Musco Lighting Plan
- Baseball Fields Lighting Schematics
- Musco Lighting Quote
- Athletics Tournaments Spending Report
- Athletic Tournaments Economic Impact Calculator
- Capital Improvement Plan Presentation – Recreation Impact Fee Fund Strategy

MUSCO LIGHTING SUBMITTAL FOR PRODUCTION
PREPARED FOR:

Indian Trails Sports Complex Multipurpose Field

Lighting Project
Palm Coast, FL
May 1, 2017

Project #183577

Submitted by:

Musco Sports Lighting, LLC

2107 Stewart Road
Muscatine, Iowa 52761
Toll Free: 800-756-1205
Fax: 800-374-6402





TABLE OF CONTENTS



- A. BILL OF MATERIALS**
- B. LIGHTING DESIGN**
- C. CONTROLS AND MONITORING**
- D. STRUCTURAL INFORMATION**
- E. WARRANTY**
- F. PRODUCT INFORMATION**



A. BILL OF MATERIALS



Project Submittal: Bill of Materials

Equipment Description	
60	Light-Structure System™ Total Light Control™ TLC-LED-1150 luminaires
6	Galvanized steel poles
6	Pre-cast concrete foundations (9,500 PSI) with Integrated Grounding
✓	Factory wired and assembled pole top luminaire assemblies
✓	Factory wired electrical component enclosures
✓	Factory built wire harnesses with plug-in connections
Controls	
1	24 x 48 Controls and Monitoring Cabinet
6	60-amp contactors
1	On-Off-Auto (OOA) switches
Warranty	
✓	Musco's Constant 25™ product assurance and warranty program that eliminates 100% maintenance costs for 25 years, including labor, materials, monitoring and guaranteed light levels.





B. LIGHTING DESIGN



Indian Trails Sports Complex Multipurpose Field

Palm Coast, FL

Lighting System

Pole / Fixture Summary						
Pole ID	Pole Height	Mtg Height	Fixture Qty	Luminaire Type	Load	Group
P1-P6	90'	90'	10	TLC-LED-1150	11.50 kW	A
6			60		69.00 kW	

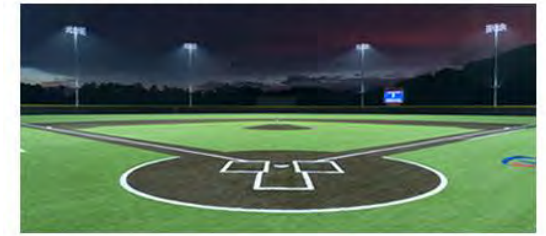
Group Summary				
Group	Description	Avg Load	Max Load	Fixture Qty
A	Multipurpose	69.0 kW	69.0 kW	60

Fixture Type Summary							
Type	Source	Wattage	Lumens	L90	L80	L70	Quantity
TLC-LED-1150	LED 5700K - 75 CRI	1150W	121,000	>51,000	>51,000	>51,000	60

Light Level Summary

Calculation Grid Summary							
Grid Name	Calculation Metric	Illumination				Groups	Fixture Qty
		Ave	Min	Max	Max/Min		
Multipurpose Spill	Horizontal Illuminance	0.01	0	0.03	584.96	A	60
Multipurpose Spill	Max Candela Metric	1893	69.1	8980	130.03	A	60
Multipurpose Spill	Max Vertical Illuminance Metric	0.02	0	0.12	378.26	A	60
Multipurpose	Horizontal Illuminance	25.2	17	38	2.19	A	60

From Hometown to Professional



We Make It Happen.

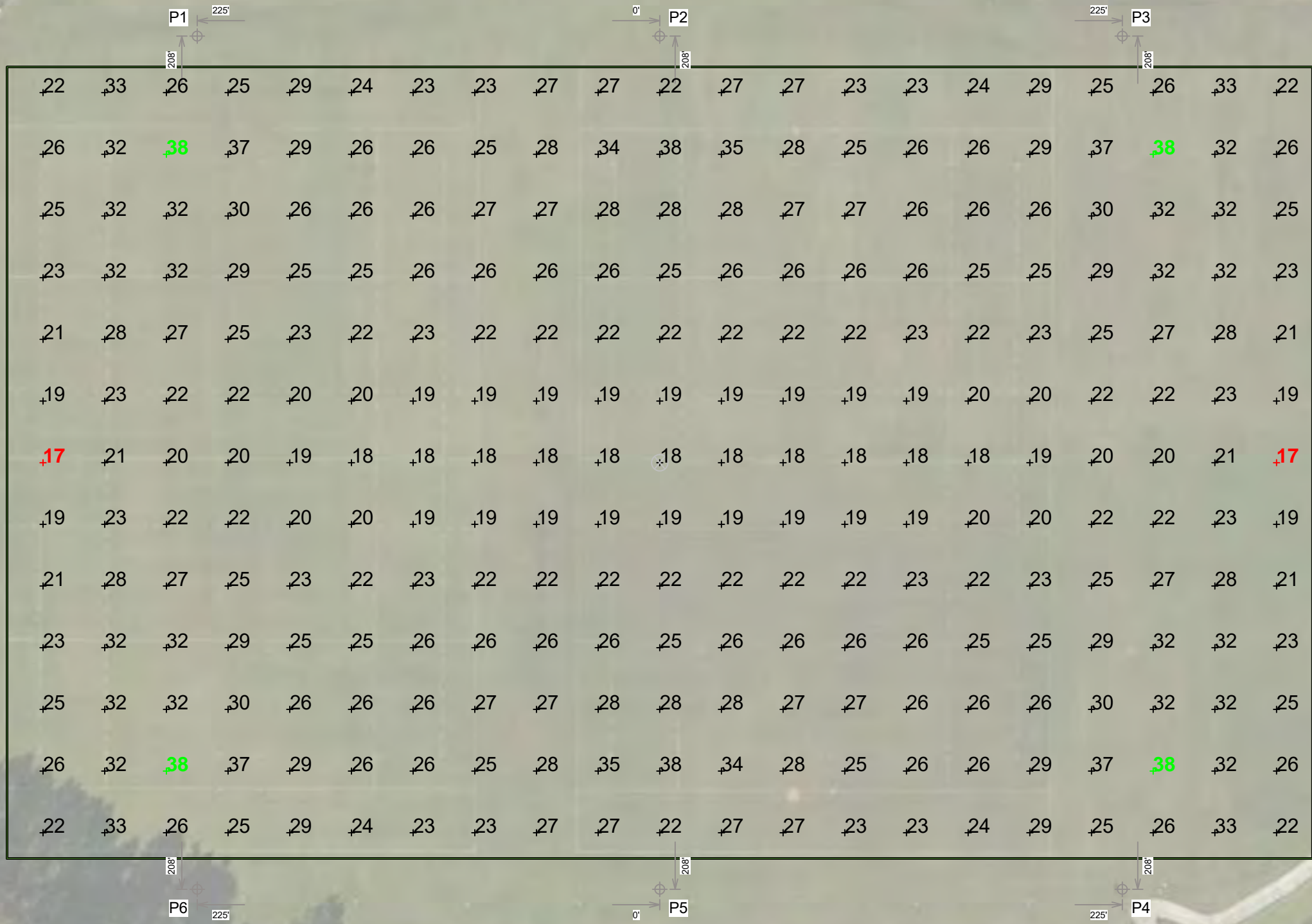
Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2017 Musco Sports Lighting, LLC.

EQUIPMENT LIST FOR AREAS SHOWN								
Pole			Luminaires					
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
6	P1-P6	90'	-	90'	TLC-LED-1150	10	10	0
6	TOTALS					60	60	0

Indian Trails Sports Complex Multipurpose Field
Palm Coast, FL

GRID SUMMARY	
Name:	Multipurpose
Size:	635' x 385'
Spacing:	30.0' x 30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY			
MAINTAINED HORIZONTAL FOOTCANDLES			
Entire Grid			
Guaranteed Average:	25		
Scan Average:	25.18		
Maximum:	38		
Minimum:	17		
Avg / Min:	1.46		
Guaranteed Max / Min:	2.5		
Max / Min:	2.19		
UG (adjacent pts):	1.67		
CU:	0.85		
No. of Points:	273		
LUMINAIRE INFORMATION			
Color / CRI:	5700K - 75 CRI		
Luminaire Output:	121,000 lumens		
No. of Luminaires:	60		
Total Load:	69.0 kW		
Lumen Maintenance			
Luminaire Type	L90 hrs	L80 hrs	L70 hrs
TLC-LED-1150	>51,000	>51,000	>51,000
Reported per TM-21-11. See luminaire datasheet for details.			

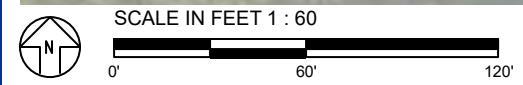


Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Pole location(s) Ⓧ dimensions are relative to 0,0 reference point(s) ⊗



EQUIPMENT LIST FOR AREAS SHOWN							
Pole				Luminaires			
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID
6	P1-P6	90'	-	90'	TLC-LED-1150	10	10
6	TOTALS					60	0

GRID SUMMARY	
Name:	Multipurpose Spill
Spacing:	30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY			
MAINTAINED HORIZONTAL FOOTCANDLES			
		Entire Grid	
Scan Average:	0.0061		
Maximum:	0.03		
Minimum:	0.00		
No. of Points:	108		
LUMINAIRE INFORMATION			
Color / CRI:	5700K - 75 CRI		
Luminaire Output:	121,000 lumens		
No. of Luminaires:	60		
Total Load:	69.0 kW		
Lumen Maintenance			
Luminaire Type	L90 hrs	L80 hrs	L70 hrs
TLC-LED-1150	>51,000	>51,000	>51,000
Reported per TM-21-11. See luminaire datasheet for details.			

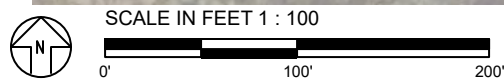


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6	P1-P6	90'	-	90'	TLC-LED-1150	10	10
6	TOTALS					60	0

GRID SUMMARY	
Name:	Multipurpose Spill
Spacing:	30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY			
MAINTAINED MAX VERTICAL FOOTCANDLES			
Entire Grid			
Scan Average:	0.0228		
Maximum:	0.12		
Minimum:	0.00		
No. of Points:	108		
LUMINAIRE INFORMATION			
Color / CRI:	5700K - 75 CRI		
Luminaire Output:	121,000 lumens		
No. of Luminaires:	60		
Total Load:	69.0 kW		
Lumen Maintenance			
Luminaire Type	L90 hrs	L80 hrs	L70 hrs
TLC-LED-1150	>51,000	>51,000	>51,000
Reported per TM-21-11. See luminaire datasheet for details.			

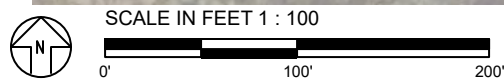


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Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



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EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
6	P1-P6	90'	-	90'	TLC-LED-1150	10	10	0
6	TOTALS					60	60	0

GRID SUMMARY	
Name:	Multipurpose Spill
Spacing:	30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY			
MAINTAINED CANDELA (PER FIXTURE)			
		Entire Grid	
Scan Average:	1893.3524		
Maximum:	8980.07		
Minimum:	69.06		
No. of Points:	108		
LUMINAIRE INFORMATION			
Color / CRI:	5700K - 75 CRI		
Luminaire Output:	121,000 lumens		
No. of Luminaires:	60		
Total Load:	69.0 kW		
Lumen Maintenance			
Luminaire Type	L90 hrs	L80 hrs	L70 hrs
TLC-LED-1150	>51,000	>51,000	>51,000
Reported per TM-21-11. See luminaire datasheet for details.			

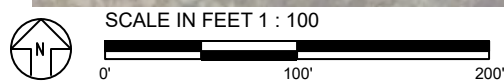


Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume $\pm 3\%$ nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Pole location(s) \oplus dimensions are relative to 0,0 reference point(s) \otimes



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EQUIPMENT LAYOUT

INCLUDES:
· Multipurpose

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

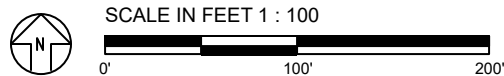
Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

EQUIPMENT LIST FOR AREAS SHOWN

QTY	Pole			Luminaires		QTY / POLE
	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	
6	P1-P6	90'	-	90'	TLC-LED-1150	10
6	TOTALS					60

SINGLE LUMINAIRE AMPERAGE DRAW CHART

Ballast Specifications (.90 min power factor)	Line Amperage Per Luminaire (max draw)						
	208 (60)	220 (60)	240 (60)	277 (60)	347 (60)	380 (60)	480 (60)
Single Phase Voltage	208 (60)	220 (60)	240 (60)	277 (60)	347 (60)	380 (60)	480 (60)
TLC-LED-1150	7.0	6.6	6.1	5.2	4.2	3.8	3.0



Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗



GLARE IMPACT

Summary

Map indicates the maximum candela an observer would see when facing the brightest light source from any direction.

A well-designed lighting system controls light to provide maximum useful on-field illumination with minimal destructive off-site glare.

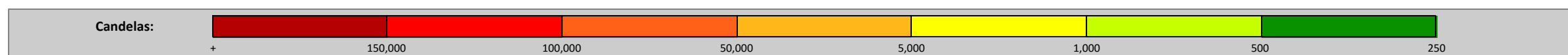
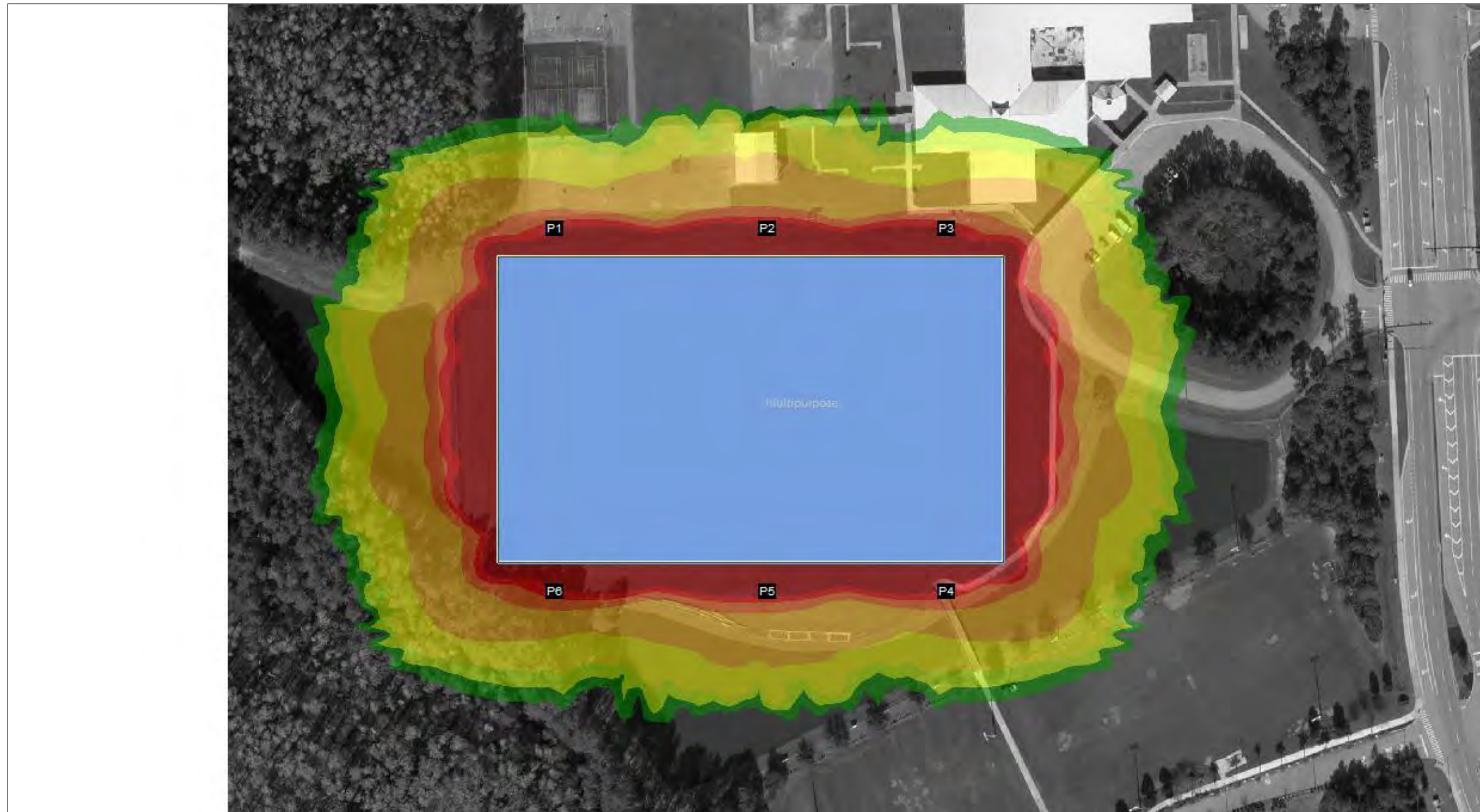
GLARE

Candela Levels

High Glare: 150,000 or more candela
Should only occur on or very near the lit area where the light source is in direct view. Care must be taken to minimize high glare zones.

Significant Glare: 25,000 to 75,000 candela
Equivalent to high beam headlights of a car.

Minimal to No Glare: 500 or less candela
Equivalent to 100W incandescent light bulb.



We Make It Happen.

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C. CONTROLS AND MONITORING





Control System Summary

Project Specific Notes:

Project Information

Project #: 183577
 Project Name: Indian Trails Sports Complex Multipurpose Field
 Date: 04/04/17
 Project Engineer: Jake Van Polen
 Sales Representative: Danny Sheldon
 Control System Type: Control and Monitoring
 Communication Type: Digital Cellular
 Scan: 183577G
 Document ID: 183577P1V3-0404105911
 Distribution Panel Location or ID: Panel LP
 Total # of Distribution Panel Locations for Project: 1
 Design Voltage/Hertz/Phase: 480/60/1
 Control Voltage: 120

Equipment Listing

DESCRIPTION	APPROXIMATE SIZE	
1.Control and Monitoring Cabinet	24 X 48	
	QTY	SIZE
Total Contactors	6	60 AMP
Total Off/On/Auto Switches:	1	

Materials Checklist

Contractor/Customer Supplied:

- A single control circuit must be supplied per distribution panel location.
 - If the control voltage is NOT available, a control transformer is required.
- Electrical distribution panel to provide overcurrent protection for circuits
 - Thermal/Magnetic circuit breaker sized per full load amps on Circuit Summary by Zone Chart
- Wiring:
 - Dedicated control power circuit
 - Power circuit to and from lighting contactors
 - Harnesses for cabinets at remote locations
 - Means of grounding, including lightning ground protection
- Electrical conduit wireway system
 - Entrance hubs rated NEMA 4: must be die-cast zinc, PVC, or copper-free die-cast aluminum
- Mounting hardware for cabinets
- Control circuit lock-on device to prevent unauthorized power interruption to control power
- Anti-corrosion compound to apply to ends of wire, if necessary

Call Control-Link Central™ operations center at 877/347-3319 to schedule activation of the control system upon completion of the installation.

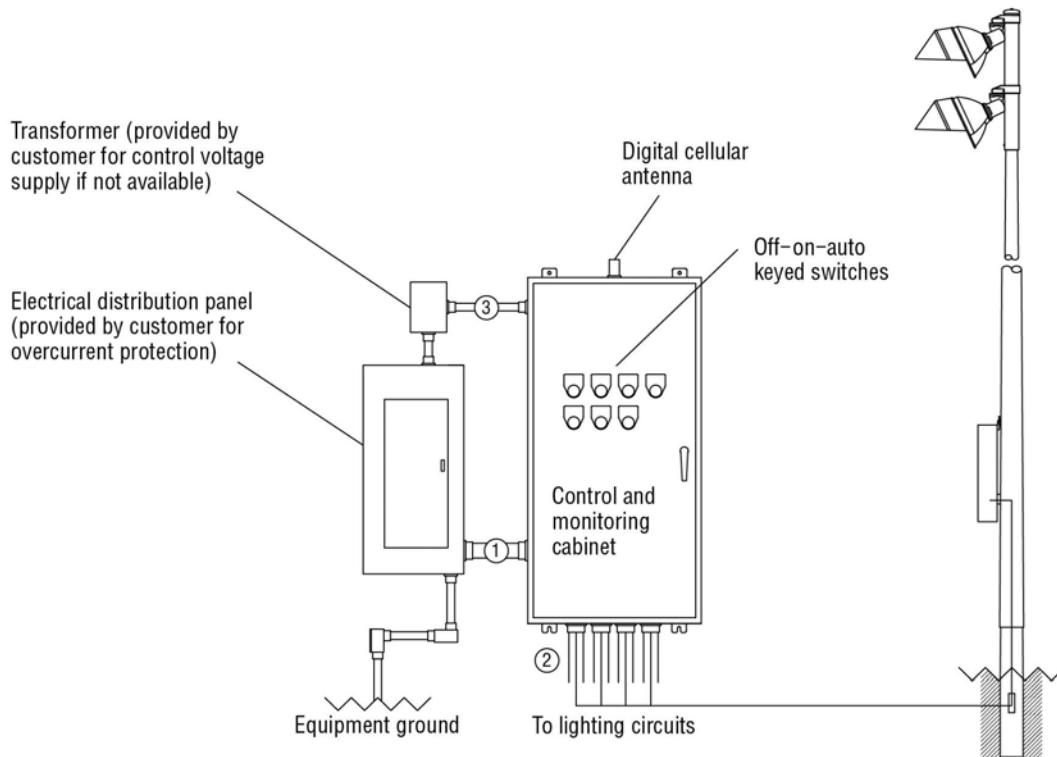
Note: Activation may take up to 1 1/2 hours

IMPORTANT NOTES

1. Please confirm that the design voltage listed above is accurate for this facility. Design voltage/phase is defined as the voltage/phase being connected and utilized at each lighting pole's ballast enclosure disconnect. Inaccurate design voltage/phase can result in additional costs and delays. Contact your Musco sales representative to confirm this item.
2. In a 3 phase design, all 3 phases are to be run to each pole. When a 3 phase design is used Musco's single phase luminaires come pre-wired to utilize all 3 phases across the entire facility.
3. One contactor is required for each pole. When a pole has multiple circuits, one contactor is required for each circuit. All contactors are UL 100% rated for the published continuous load. All contactors are 3 pole.
4. If the lighting system will be fed from more than one distribution location, additional equipment may be required. Contact your Musco sales representative.
5. A single control circuit must be supplied per control system.
6. Size overcurrent devices using the full load amps column of the Circuit Summary By Zone chart- Minimum power factor is 0.9.

NOTE: Refer to Installation Instructions for more details on equipment information and the installation requirements

Control•Link® Control and Monitoring System



Wire	Description	# of Wires	Typ. Wire Size (AWG)	Max. Wire Length (FT)	Wire from Musco	Notes
1	Line power to contactors, and equipment grounding conductor	Note A	Note B	27	No	A – E
2	Load power to lighting circuits	Note A	Note B	N/A	No	A – D
3	Control power (dedicated, 20A)	3	12	N/A	No	C, D

R60-32-00_C

- Notes:
- A. Voltage and phasing per the notes on cover page.
 - B. Calculate per load and voltage drop.
 - C. All conduit diameters should be per code.
 - D. Refer to control and monitoring system installation instructions for more details on equipment information and the installation requirements.
 - E. Contact Musco if maximum wire length from circuit breaker to contactor exceeds value in chart.

IMPORTANT: Control (3) wires must be in separate conduit from line and load power wiring (1, 2).



Control System Summary

Indian Trails Sports Complex Multipurpose Field / 183577 - 183577G
 Panel LP - Page 3 of 4

SWITCHING SCHEDULE

Field/Zone Description	Zones
Multipurpose	1

CONTROL POWER CONSUMPTION	
120V Single Phase	
VA loading of Musco Supplied Equipment	INRUSH: 2058.0
	SEALED: 246.8

CIRCUIT SUMMARY BY ZONE

POLE	CIRCUIT DESCRIPTION	# OF FIXTURES	# OF DRIVERS	*FULL LOAD AMPS	CONTACTOR SIZE (AMPS)	CONTACTOR ID	ZONE
P1	Multipurpose	10	10	30.3	60	C1	1
P2	Multipurpose	10	10	30.3	60	C2	1
P3	Multipurpose	10	10	30.3	60	C3	1
P4	Multipurpose	10	10	30.3	60	C4	1
P5	Multipurpose	10	10	30.3	60	C5	1
P6	Multipurpose	10	10	30.3	60	C6	1

*Full Load Amps based on amps per driver.



Control System Summary

Indian Trails Sports Complex Multipurpose Field / 183577 - 183577G
 Panel LP - Page 4 of 4

PANEL SUMMARY						
CABINET #	CONTROL MODULE LOCATION	CONTACTOR ID	CIRCUIT DESCRIPTION	FULL LOAD AMPS	DISTRIBUTION PANEL ID (BY OTHERS)	CIRCUIT BREAKER POSITION (BY OTHERS)
1	1	C1	Pole P1	30.30		
1	1	C2	Pole P2	30.30		
1	1	C3	Pole P3	30.30		
1	1	C4	Pole P4	30.30		
1	1	C5	Pole P5	30.30		
1	1	C6	Pole P6	30.30		

ZONE SCHEDULE				
ZONE	SELECTOR SWITCH	ZONE DESCRIPTION	CIRCUIT DESCRIPTION	
			POLE ID	CONTACTOR ID
Zone 1	1	Multipurpose	P1	C1
			P2	C2
			P3	C3
			P4	C4
			P5	C5
			P6	C6



D. STRUCTURAL INFORMATION



PRELIMINARY FOUNDATION AND POLE ASSEMBLY DRAWING

TABLE 1: POLE ASSEMBLY

POLE ID	MOUNTING HEIGHT ft (m)	# OF LUMINAIRES	ASSEMBLED POLE WEIGHT ³ lb (kg)
P1	90 (27.4)	10	5835 (2647)
P2	90 (27.4)	10	5835 (2647)
P3	90 (27.4)	10	5835 (2647)
P4	90 (27.4)	10	5835 (2647)
P5	90 (27.4)	10	5835 (2647)
P6	90 (27.4)	10	5835 (2647)

TABLE 2: FOUNDATION DETAILS

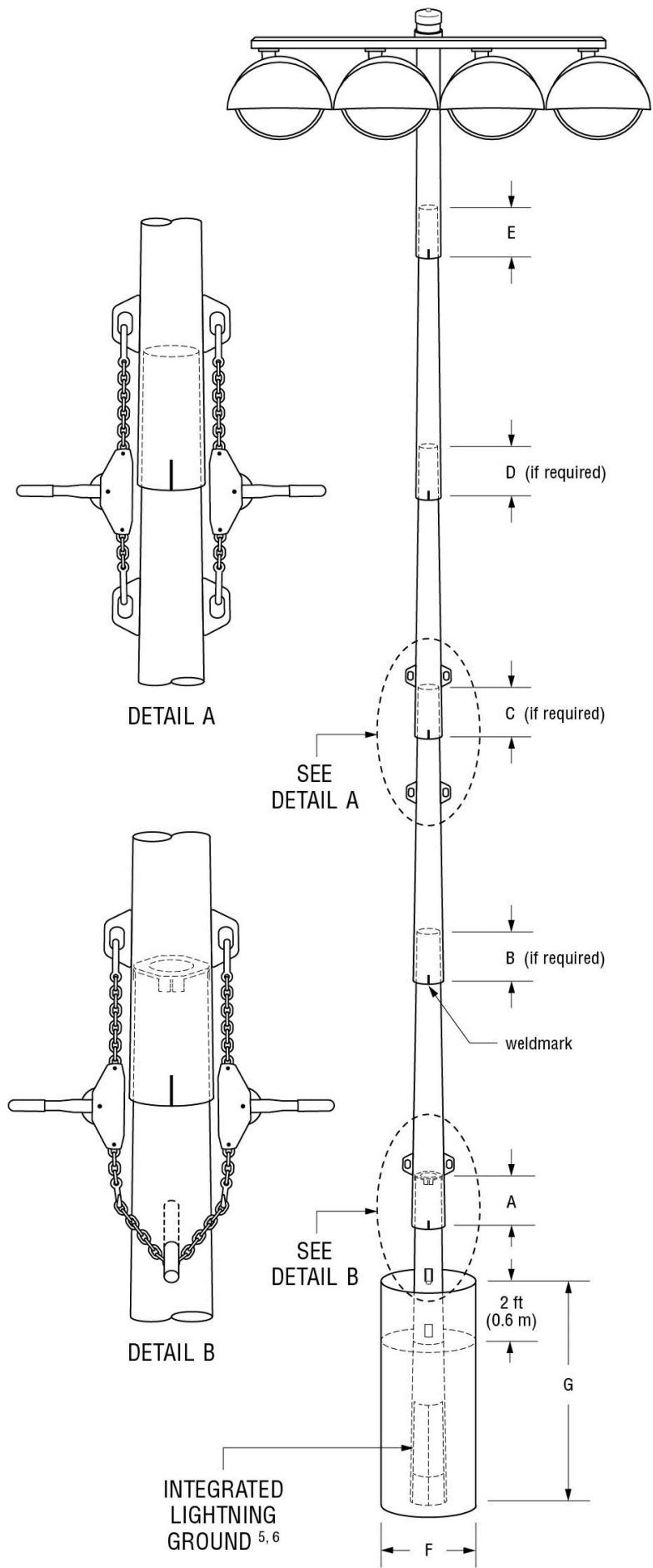
POLE ID	CONCRETE BASE WEIGHT lb(kg)	BURIAL INFORMATION ^{3,4}		CONCRETE BACKFILL ^{1,2} yd ³ (m ³)	CUT BASE	LIGHTNING GROUND ⁵	
		F in (mm)	G ft (m)			TYPE	SUPPLEMENTAL INSTRUCTION
P1	11175 (5069)	42 (1067)	20 (6.1)	4.4 (3.3)	NO	INTEGRATED ⁶	
P2	11175 (5069)	42 (1067)	20 (6.1)	4.4 (3.3)	NO	INTEGRATED ⁶	
P3	11175 (5069)	42 (1067)	20 (6.1)	4.4 (3.3)	NO	INTEGRATED ⁶	
P4	11175 (5069)	42 (1067)	20 (6.1)	4.4 (3.3)	NO	INTEGRATED ⁶	
P5	11175 (5069)	42 (1067)	20 (6.1)	4.4 (3.3)	NO	INTEGRATED ⁶	
P6	11175 (5069)	42 (1067)	20 (6.1)	4.4 (3.3)	NO	INTEGRATED ⁶	

Pole Assembly Notes:

1. Steel pole should overlap concrete base and be seated tight with 1 1/2 ton come-alongs (contractor provided).
2. Align weldmarks on steel sections before assembling.
3. Assembled pole weight includes steel sections, crossarms, luminaires, and electrical components enclosures.
4. This document is not intended for use as an assembly instruction. See *Installation Instructions: Light-Structure Green Lighting System™* for complete assembly procedure.

Foundation Notes:

1. Concrete backfill is calculated to 2 ft (0.6m) below grade (no overage included). Top 2 ft (0.6m) to be class 5 soil compacted to 95% density of surrounding undisturbed soil unless otherwise specified in stamped structural design.
2. Concrete backfill required 3000 lb/in² (20 MPa) minimum unless otherwise specified in stamped structural design.
3. Foundation design per 2014 FBC ,150 mph ,exposure category C ,variation STD (Risk Category II).
4. Assumes IBC class 5 soils.
5. Standard bases include integrated lightning protection. If bases are cut, supplemental lightning protection is required. Contact Musco for materials and instruction.
6. Lightning protection is a manufacturer installed concrete encased electrode and connector. Ground connection is made when concrete base is installed and footing is poured. No additional steps required.





E. WARRANTY





Musco Constant 25™

25-Year Product Assurance & Warranty Program

Musco Sports Lighting, LLC will provide all materials and labor to maintain operation of your lighting system to original design criteria for 25 years, or until maximum hours of coverage have accumulated, whichever comes first. Musco products and services are guaranteed to perform on your project as detailed in this document.

Light

Average illumination levels are guaranteed as described in the Project Details on the following page. Musco will electronically monitor luminaire operation and operating hours, and will group re-lamp if applicable.

Individual luminaire outages that occur during the warranty and maintenance period are repaired when the usage of any field is materially impacted. If actual usage exceeds the maximum hours of coverage, the customer will be required to pay an additional fee in order to maintain the warranty to the end of 25 years.

Energy Consumption

Average and maximum energy consumptions for your lighting system are guaranteed.

Monitoring, Maintenance and Control Services

Musco shall monitor the performance of your lighting system, including on/off status, hours of usage and lamp outages. If fixture outages that affect playability are detected, Musco will contact you and proactively dispatch technicians.

On-off control of your lighting system is provided via an easy-to-use web site scheduling system, phone, fax, or email. Our trained Control-Link Central™ service center staff is available toll-free 24/7. Regular usage reports are always available on Control-Link Central's web site.

Structural Integrity

Structural integrity of equipment manufactured by Musco is guaranteed.

Musco has a team of people to ensure fulfillment of our product and services warranty and maintains financial reserves dedicated to support our fulfillment of this warranty. Please keep this document as your signed contract guaranteeing comprehensive service for the 25 year period.



Musco Constant 25™

25-Year Product Assurance & Warranty Program

Project Details

Project Name: Indian Trails Sports Complex Multipurpose Field **Project Number:** 183577
Owner: City of Palm Coast **City:** Palm Coast **State:** FL
Product(s) Covered: Light-Structure System™ Total Light Control™ TLC-LED-1150
Date Issued: Date of Shipment
Expiration: Date of Shipment + 25 years or maximum hours of coverage noted below, whichever occurs first
Total Average kW per hour: 69.0

Musco products and services are guaranteed to perform on your project as follows:

Field/Zone	Fixture Quantity	Lamp Type	Average Target Light Level	Uniformity Max/Min	Total Relamps Included	Estimated Annual/25-Year Estimated Usage Hours	Maximum Hours of Coverage
Multipurpose	60	TLC-LED-1150	25FC	2.5:1.0	NA	500 / 12,500	NA



Musco Constant 25™

25-Year Product Assurance & Warranty Program Terms and Conditions

Service under this Contract is provided by Musco Sports Lighting, LLC ("Musco") or an authorized servicer approved by Musco. Services performed under this Contract shall consist of furnishing labor and parts necessary to restore the operation of the Covered Product(s) to original design criteria provided such service is necessitated by failure of the Covered Product(s) during normal usage. This Contract covers Product(s) consisting of Musco's Total Light Control – TLC for LED™ or Green Generation Lighting® with Control-Link® and any additional Musco manufactured product as listed on page 2.

"We", "us" and "our" mean Musco. "You" and "your" mean the purchaser of the Covered Product(s). No one has the authority to change this Contract without the prior written approval of Musco. Musco shall not assume responsibility for their agents or assignees other than as described below. If there is a conflict between the terms of this Contract and information communicated either orally or in writing by one or more of our employees or agents, this Contract shall control.

Additional Provisions

- 1. Availability of Service:** Control-Link Central operators shall be available 24/7 via web site, phone, fax, or email. Maintenance service specialists shall be available 8AM to 5PM Central Time, and services shall be rendered during these same hours in your local time zone, Monday through Friday (with the exception of national holidays). Hours of operation are subject to change without notice to you. Musco will exercise all reasonable efforts to perform service under this Contract, but will not be responsible for delays or failure in performing such services caused by adverse weather conditions, acts of any government, failure of transportation, accidents, riots, war, labor actions or strikes or other causes beyond its control.
- 2. Determination of Repairs:** Musco will utilize the field monitoring system and any information provided by the customer to determine when the usage of the field is materially impacted. From this information, Musco will determine needed repair and/or replacement of Covered Product(s) and parts. Repair will be with product(s) of like kind and quality.
- 3. Your Requirements Under this Contract:** You must meet all electrical and installation requirements as specified by the manufacturer. In addition, you promise and assure: full cooperation with Musco, Musco's technicians and authorized servicers during telephone diagnosis and repair of the Covered Product(s); reasonable accessibility of the Covered Product(s); a non-threatening and safe environment for service.

You agree to check fuses and to replace fuses as needed. Musco provides spare fuses in the lowest alpha-numeric numbered enclosure. Musco will replenish spare fuses used.

You agree to keep your control system online. This means keeping the required control voltage to the control system at all times. Any deviation from this practice must be discussed with Musco's Warranty Department.

- 4. Service Limitations - This Contract does not cover:** Maintenance, repair or replacement necessitated by loss or damage resulting from any external causes such as, but not limited to, theft, environmental conditions, negligence, misuse, abuse, improper electrical/power supply, unauthorized repairs by third parties, attachments, damage to cabinetry, equipment modifications, vandalism, animal or insect infestation, physical damage to Covered Products parts or components, failure of existing structures, supporting electrical systems or any non-Musco equipment, or acts of God/nature (including, but not limited to: earthquake, flood, tornadoes, typhoons, hurricanes or lightning).

5. Contract Limitations:

- a. EXCLUSIONS FROM COVERAGE:** IN NO EVENT WILL MUSCO BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES WHICH INCLUDE, BUT ARE NOT LIMITED TO, ANY DELAY IN RENDERING SERVICE OR LOSS OF USE DURING THE REPAIR PERIOD OF THE COVERED PRODUCT(S) OR WHILE OTHERWISE AWAITING PARTS.
 - b. Limitation of Liability:** To the extent permitted by applicable law, the liability of Musco, if any, for any allegedly defective Covered Product(s) or components shall be limited to repair or replacement of the Covered Product(s) or components at Musco's option. THIS CONTRACT IS YOUR SOLE EXPRESS WARRANTY WITH RESPECT TO THE COVERED PRODUCT(S). ALL IMPLIED WARRANTIES WITH RESPECT TO THE COVERED PRODUCT(S) INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY EXPRESSLY EXCLUDED.
 - c. For the purposes of and by your acceptance of this Contract you acknowledge and agree that if a surety bond ("Bond") is provided the warranty and/or maintenance guarantee provided for in this Contract and any corresponding liability on behalf of the issuing surety under the Bond is limited to the first twelve (12) months of said warranty and/or maintenance guarantee coverage period. Any warranty and/or guarantee coverage period in excess of said initial 12 month period does not fall within the scope of the Bond and shall be the sole responsibility of Musco.**
 - d. Musco requires reasonable access for a crane or man lift equipment to service the lighting system. Musco will not be responsible for damage from operating the vehicle on the property when the equipment is operated in the prescribed manner over the designated access route.**
 - e. Obsolescence or Environmental Restrictions:** If during any maintenance or other work performed under this Warranty, any of the parts of the Covered Product(s) are found to be either obsolete, no longer available, or prohibited by any state or federal agency, Musco shall replace said parts with comparable parts and materials with equal operating characteristics solely at Musco's discretion. The cost of replacement of any obsolete cellular related technology shall be borne by you. Prior to completing any such work, Musco shall notify you of the cost (if any) you will incur in the replacement of such parts under this section.
- 6. Transfer and Assignment:** Except to owners, you shall not have the right to assign or otherwise transfer your rights and obligations under this Contract except with the prior written consent of Musco; however, a successor in interest by merger, operation of law, assignment or purchase or otherwise of your entire business shall acquire all of your interests under this Contract.
 - 7. Governing Law:** Unless otherwise governed by applicable state law, the Contract shall be interpreted and enforced according to the laws of the State of Iowa.
 - 8. Subrogation:** In the event Musco repairs or replaces any Covered Product(s), parts or components due to any defect for which the manufacturer or its agents or suppliers may be legally responsible, you agree to assign your rights of recovery to Musco. You will be reimbursed for any reasonable costs and expenses you may incur in connection with the assignment of your rights. You will be made whole before Musco retains any amounts it may recover.

Signature: _____

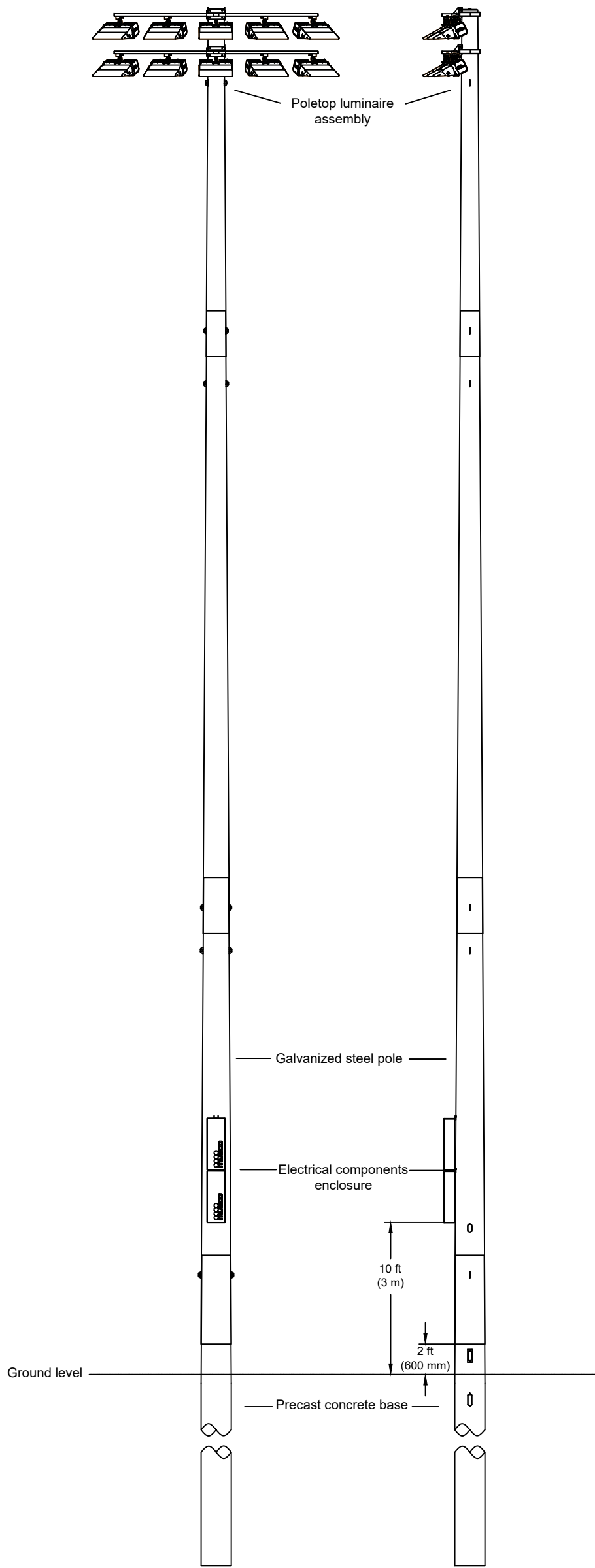
Vice President of Sales



F. PRODUCT INFORMATION



Information contained herein is the confidential property of Musco Sports Lighting, LLC and/or its affiliates. Any disclosure, reproduction, or use of this information without express written permission is prohibited.



POLE(S): P1 - P6

Musco 90FT Light-Structure System™ pole
TLC for LED™ luminaires

PROJECT NUMBER:
183577
DRAWN BY:
Dike Van Polen
SCALE:
NTS
DATE:
03/07/2017
DRAWING NUMBER:
183577P1
1 OF 1 SHEETS

DATE:	BY:	R.L.	REVISIONS:

MUSCO Lighting
CORPORATE OFFICE:
P.O. Box 808
100 1st Avenue West
Oskaloosa, Iowa 52577
+1-800-825-6020
+1-641-673-0411

Indian Trails Sports Complex Multipurpose Field
Palm Coast, FL
Pole Configuration Drawing **B**

5 Easy Pieces™

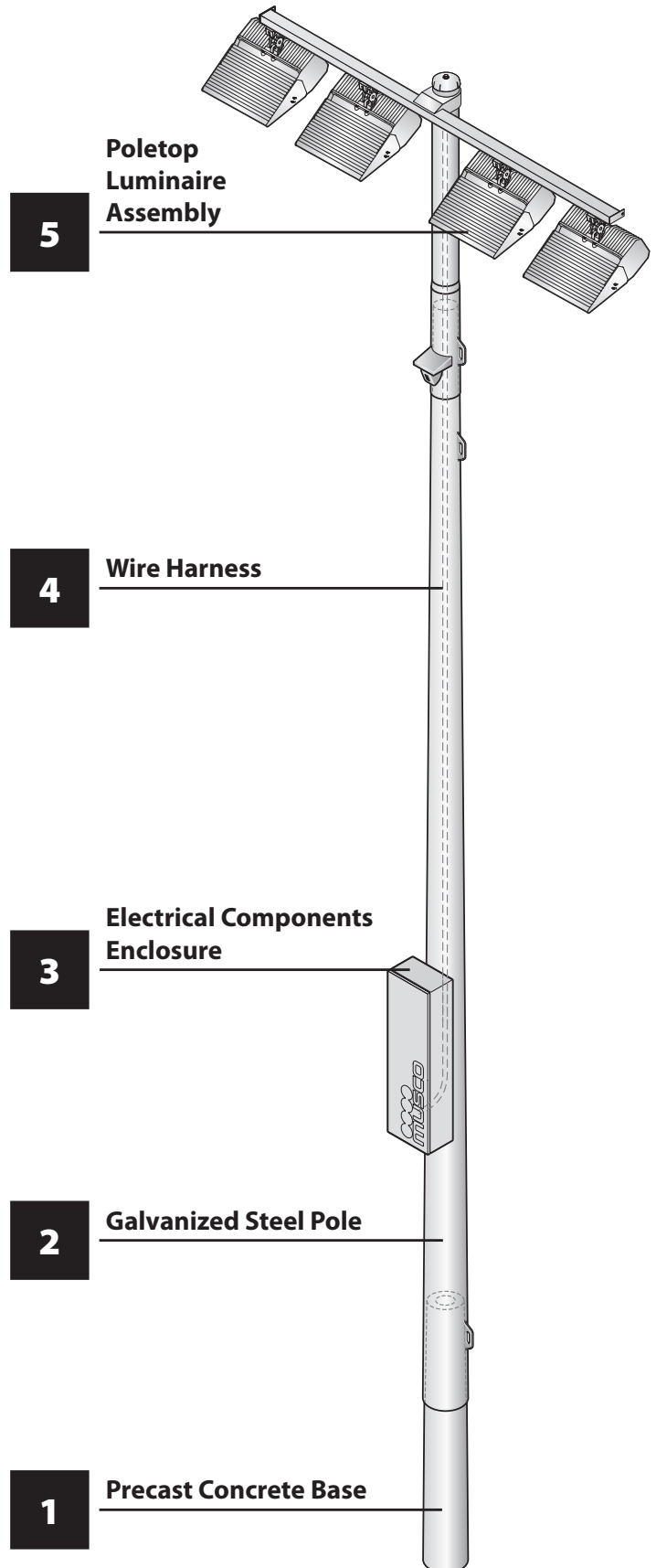
Complete System from Foundation to Poletop

Factory wired, aimed, and tested

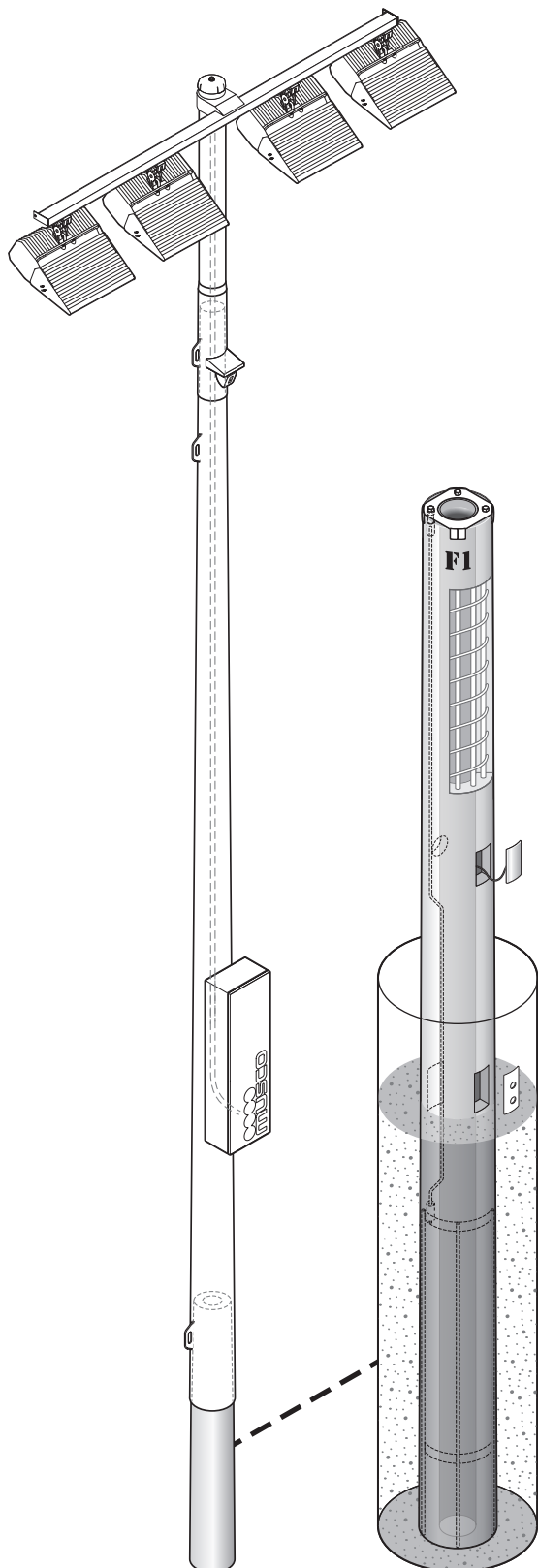
Fast, trouble-free installation

Comprehensive corrosion package

Integrated lightning ground



TLC for LED™ – Precast Concrete Base



Overview

The precast concrete base is set directly into the ground and backfilled with concrete. The base includes an integrated lightning ground system.

Features

Base

- Set pole on base in 24 hours
- Tapered upper section for slip-fit steel pole
- Access holes for wire entry
- Epoxy-coated ends prevent water intrusion
- Lifting hole accepts load-rated steel rod provided by Musco

Integrated Lightning Ground System

- Complies with NFPA 780, UL 96A, and EN 62305 standards when installed per Musco installation instructions
- UL Listed, Class II Lightning Protection, file number E337467
- Tested up to 100 kA by independent laboratory
- Steel pole interfaces with integrated grounding system by means of the pole grounding connector
- 2/0 AWG (crosssectional area of 67.4 mm²) grounding electrode conductor
- Concrete-encased grounding electrode, 20 feet (6.1 m) total length, ½ inch (12.7 mm) diameter

Technical Specifications

Base dimensions vary. For measurements refer to project-specific *Foundation and Pole Assembly* drawing.

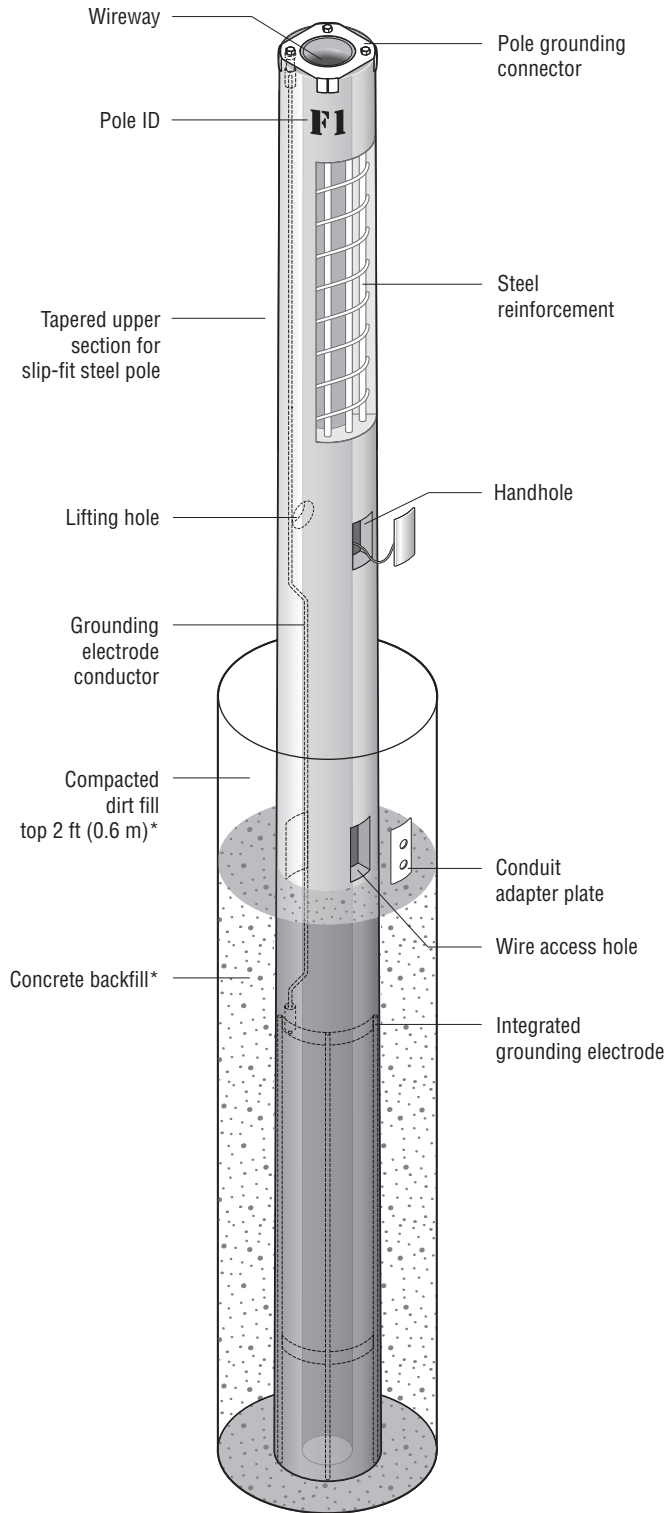
Construction

- Spun concrete construction
- Prestressed steel vertical strands and coil spiral for strength throughout base
- Minimum design strength is 9500 lb/in² (65.5 MPa) at 28 days
- Meets ASTM C1804 design requirements

Quality Assurance Tests

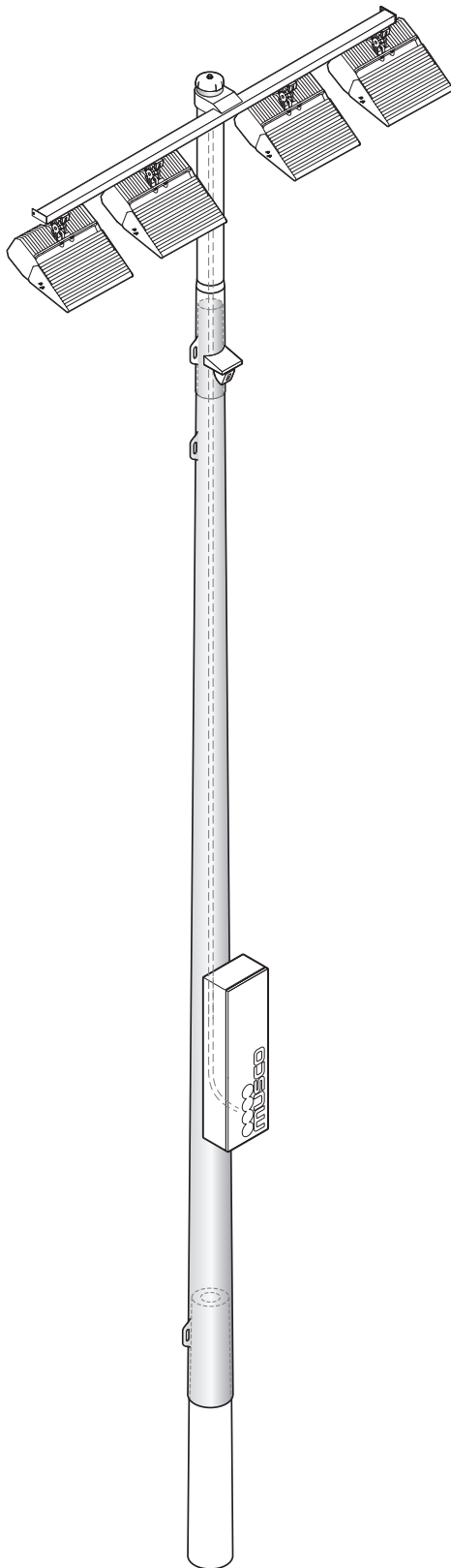
- 28-day compressive strength
- Bending moment capacity
- Grounding system continuity

TLC for LED™ – Precast Concrete Base



*Standard pier foundation shown. Foundation and/or backfill may vary per alternate foundation design.

TLC for LED™ – Galvanized Steel Pole



Overview

The galvanized steel pole is designed to slip-fit together with the precast concrete base and the poletop luminaire assembly.

Features

- Slip-fit connection allows pole assembly with come-alongs
- Built-in hardware for attaching electrical components enclosure
- Wire access from inside the pole (no exposed wiring or conduit)
- Shipped in sections for easier handling
- Labeled with pole identification for location on field

Technical Specifications

Pole dimensions vary. For measurements refer to project specific pole configuration drawing.

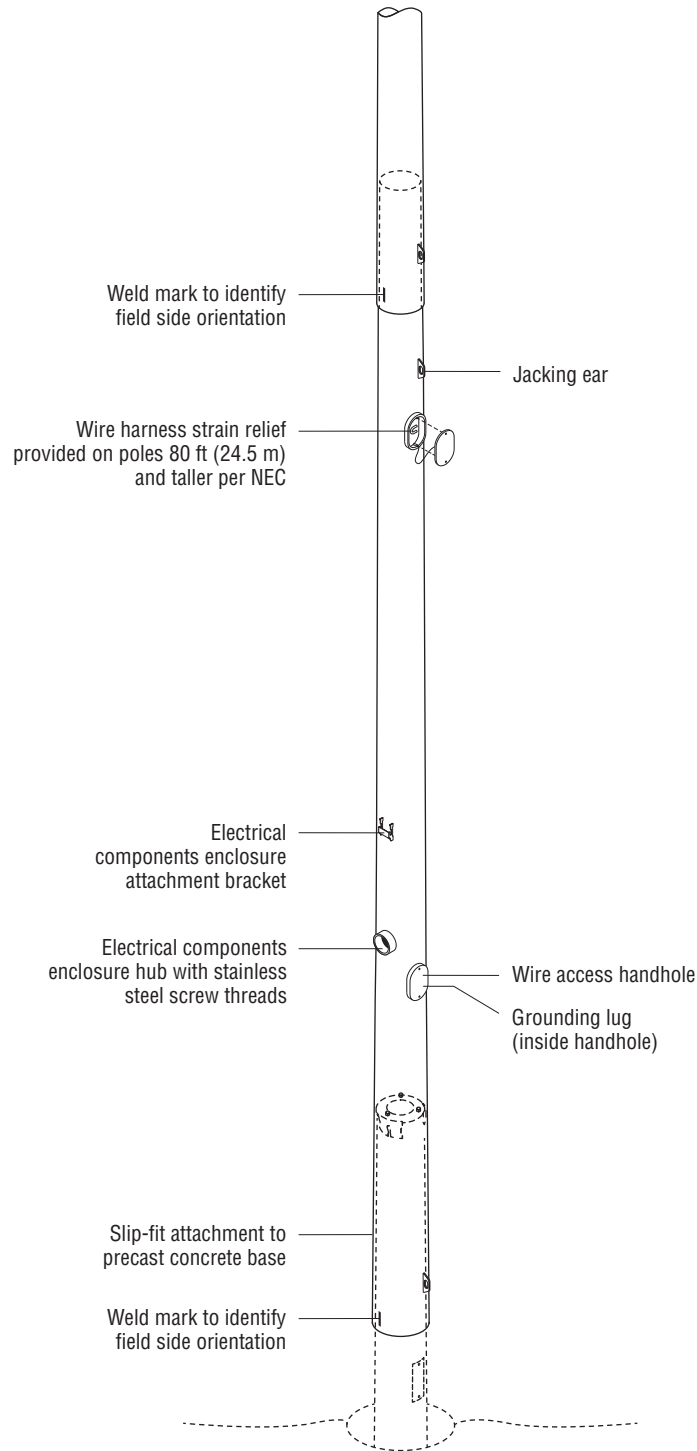
Construction

- Pole designs comply with all major building codes
- High strength, low alloy, tapered, round steel pole
- Hot-dip galvanizing inside and outside after fabrication meets ASTM-A123 and EN 1461 standards
- Conforms to AASHTO stress standards and BS EN 40-3-1
- Grounding lug—rated for aluminum (AL) or copper (CU) wiring
- Pole shipped in sections
- Stainless steel fasteners passivated and coated
- Material certifications are available

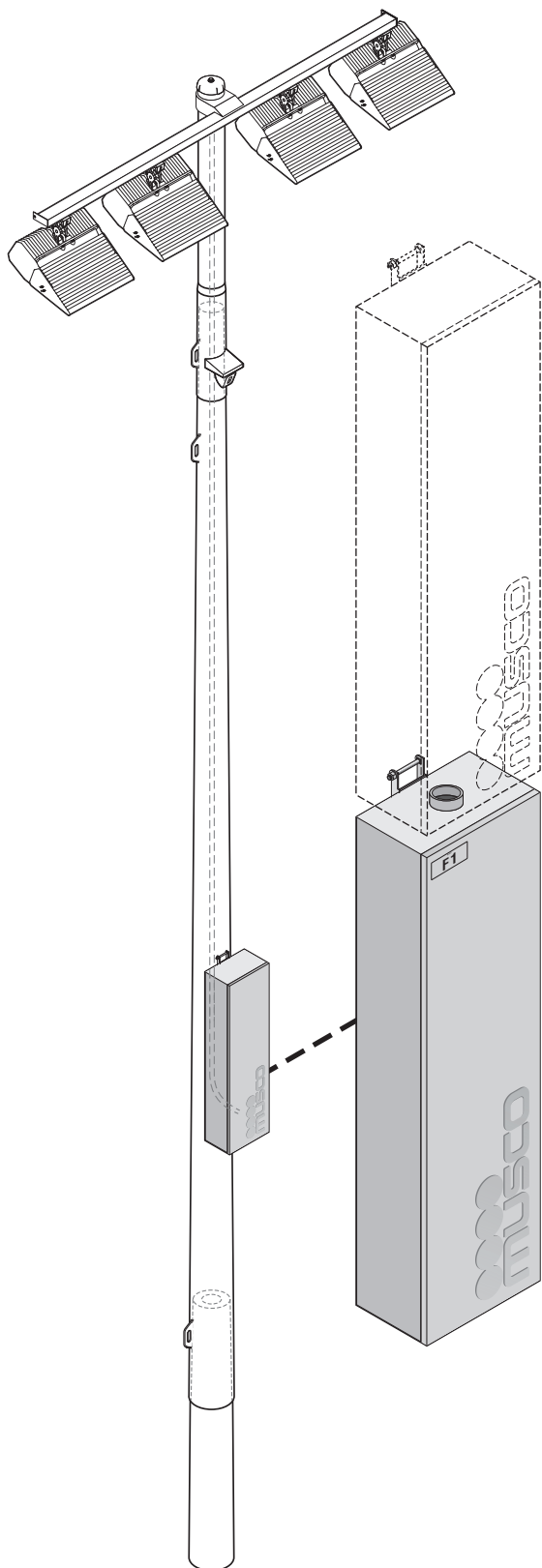
Quality Assurance Tests

- Bending stress
- Minimum galvanizing thickness
- Straightness measurement

TLC for LED™ – Galvanized Steel Pole



TLC for LED™ – Electrical Components Enclosure



Overview

The electrical components enclosure contains all necessary equipment to operate luminaires. Built-in mounting hardware allows for easy attachment to the galvanized steel pole. Quick connect plugs fasten to the wire harness.

Features

- Factory-built and tested as a unit
- Quick connect plug for easy field wiring
- Mounted 10 ft (3 m) above grade for servicing with ladder
- Labeled with pole identification and electrical information
- Drivers individually fused and spare fuses supplied
- Wire access from inside the pole (no exposed wiring or conduit)
- Disconnect per circuit

Technical Specifications

For amperage draws and circuitry refer to project specific document.

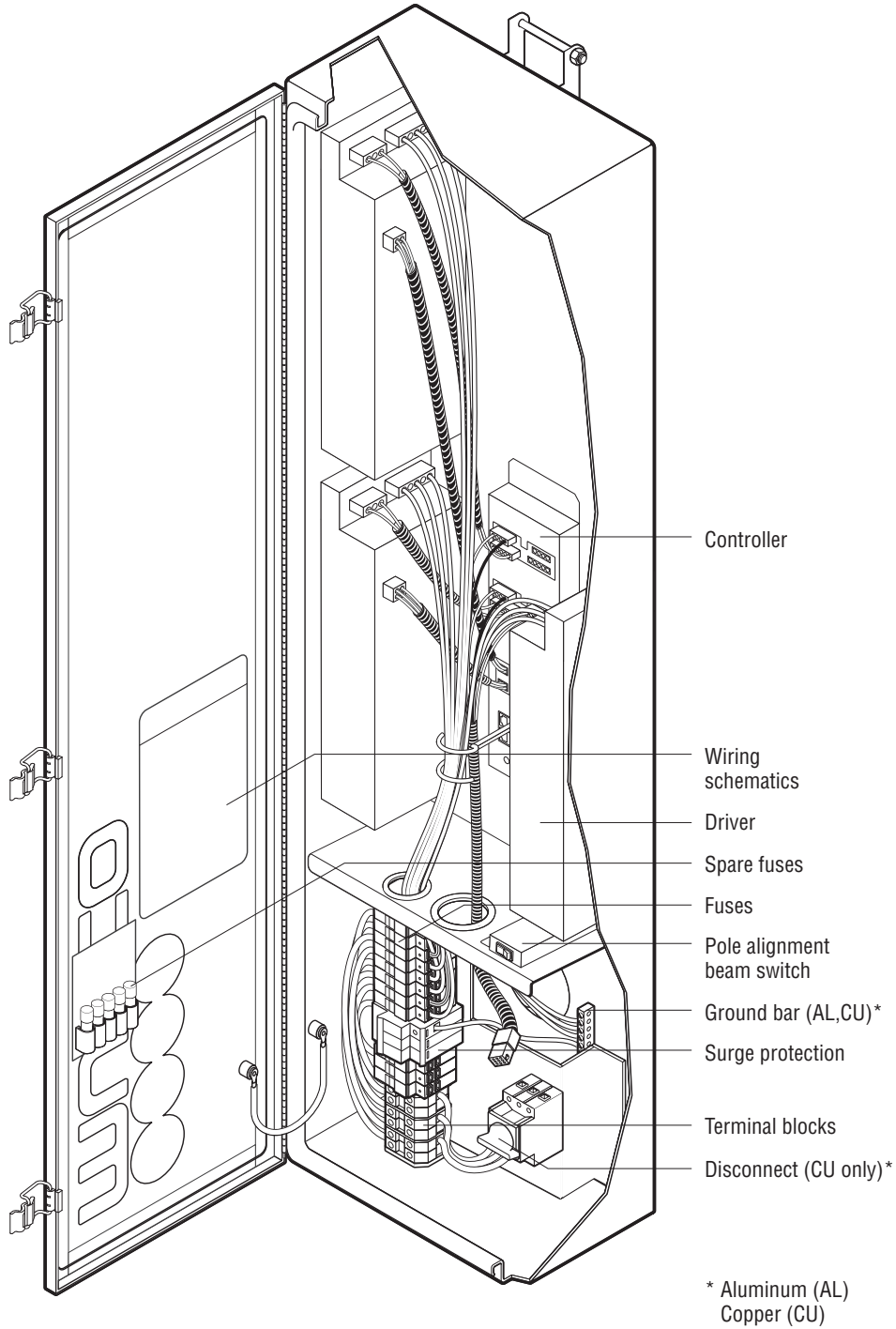
Construction

- 0.08 inch (2 mm) thick, powder-coated aluminum
- Enclosure ratings: NEMA 3R, IP54
- Designed to operate in up to 50° C (122° F) ambient temperature
- Full length stainless steel hinge
- All stainless steel fasteners passivated and coated
- Meets touchsafe standards
- Up to four drivers per enclosure
- Approximate weight 65 lb (29 kg)
- Lower enclosure size 14.25 in (362 mm) wide x 8 in (203 mm) deep x 52.5 in (1334 mm) high
- Upper enclosure size 14.25 in (362 mm) wide x 8 in (203 mm) deep x 40.5 in (1029 mm) high

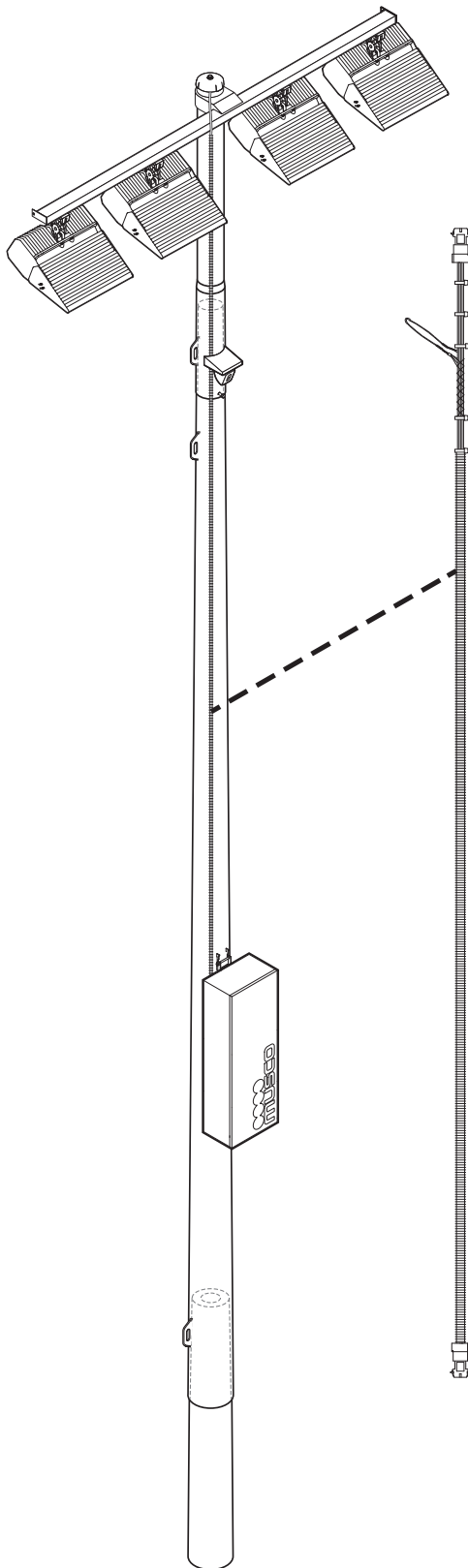
Quality Assurance Tests

- Grounding continuity
- High potential dielectric withstand
- Full functionality test

TLC for LED™ – Electrical Components Enclosure



TLC for LED™ – Wire Harness



Overview

The factory-built wire harness connects the electrical components enclosure to the poletop luminaire assembly.

Features

- Quick connect plugs for easy field wiring
- Factory-assembled support grip alleviates strain on connections
- Spiral wound cable eliminates slippage
- Protective sleeve prevents wire damage
- All internal wiring, no exposed wires
- Labels identify pole and luminaires

Technical Specifications

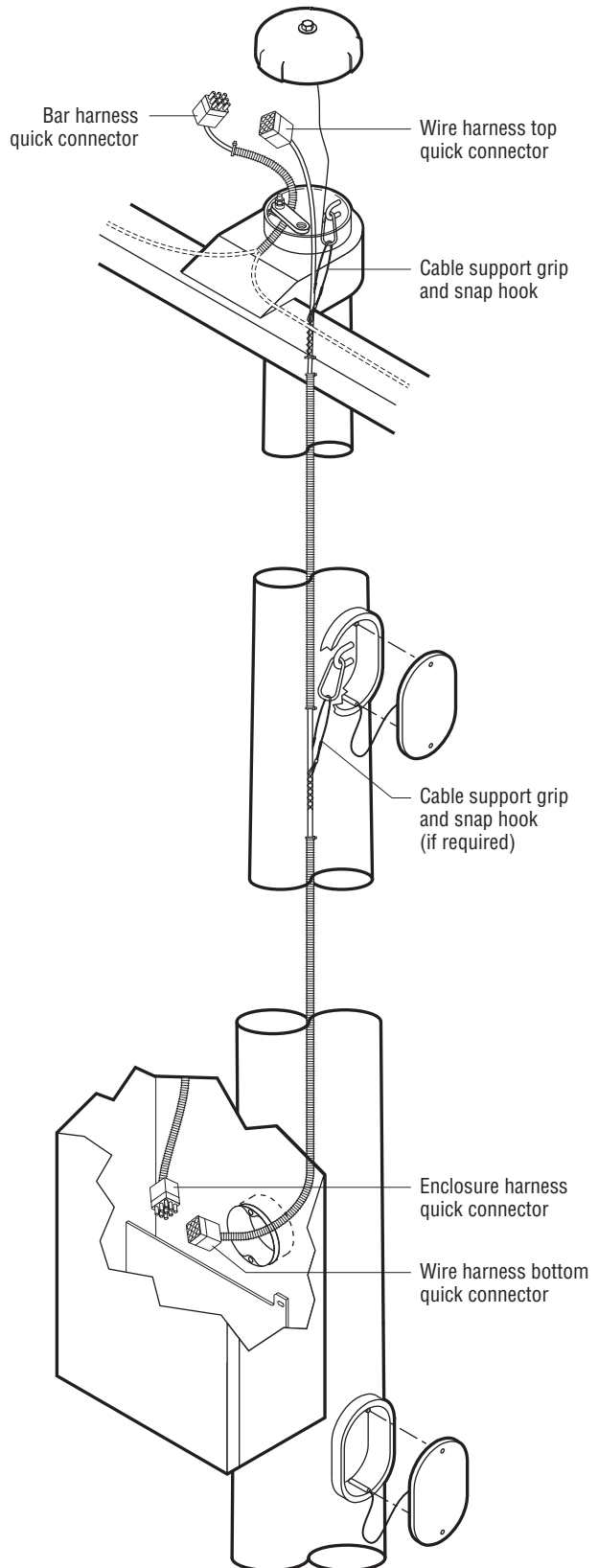
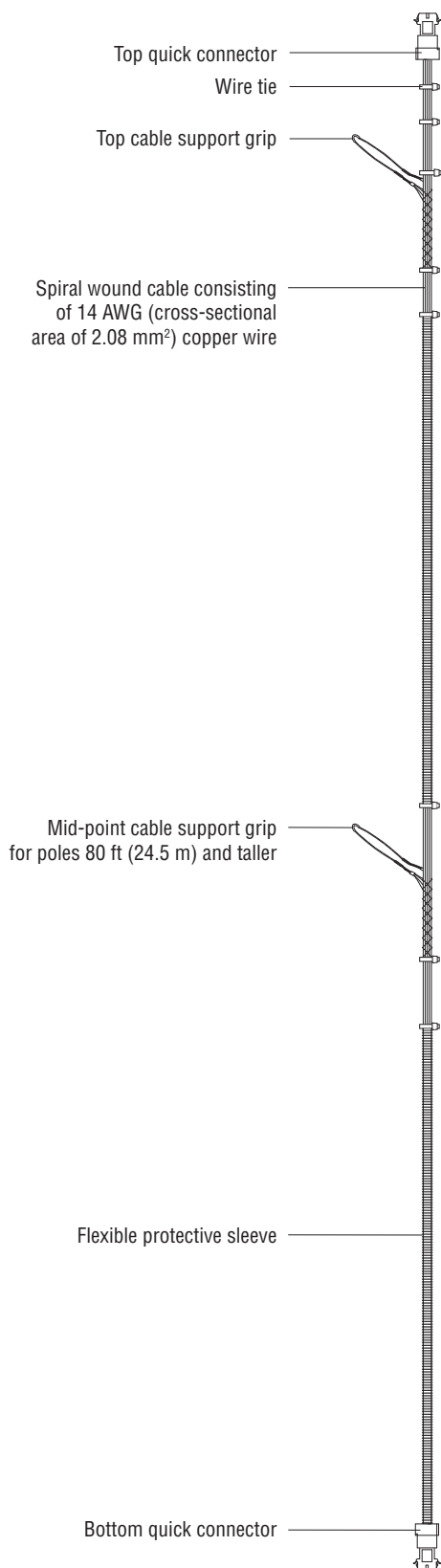
Construction

- Spiral wound, wrapped cable, 14 AWG (cross-sectional area of 2.08 mm²) copper wire
- Integral cable support grip
- Two wires per driver
- Each harness supports up to four drivers
- Multiple top connectors may be present if required for number of luminaires

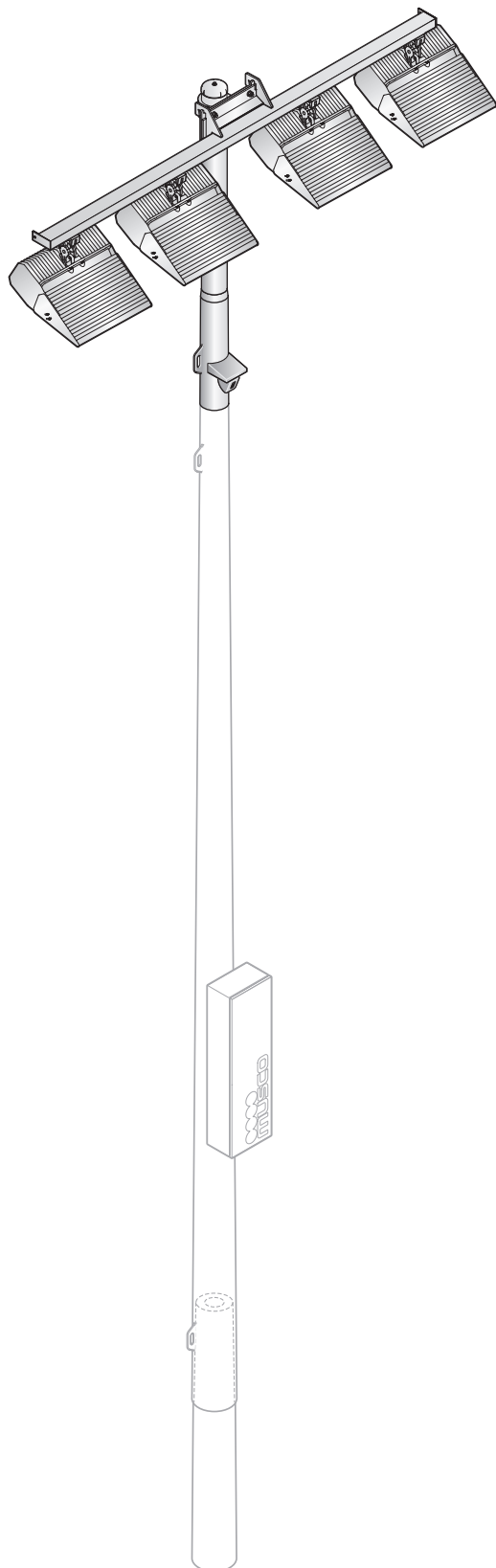
Quality Assurance Tests

- Connector/load resistance
- High potential dielectric withstand
- Grounding continuity
- Termination crimp

TLC for LED™ – Wire Harness



TLC for LED™ – Poletop Luminaire Assembly, Bolt On



Overview

The factory-aimed poletop luminaire assembly is the upper section of the pole and slip-fits together with the galvanized steel pole. Crossarms are removed for shipping and assembled in the field.

Features

- Each luminaire is factory-built, tested, and ships as a unit
- Luminaires are factory-aimed to two-tenths degree of accuracy
- Luminaire mounts and connects in a single step
- Slip-fit connection allows assembly with come-alongs
- All luminaires are factory-wired to a quick connect harness for easy installation
- Labels identify pole and luminaire location
- No exposed wiring or conduit
- Factory-set pole alignment beam allows easy field alignment
- Retaining hook crossarm attachment design

Technical Specifications

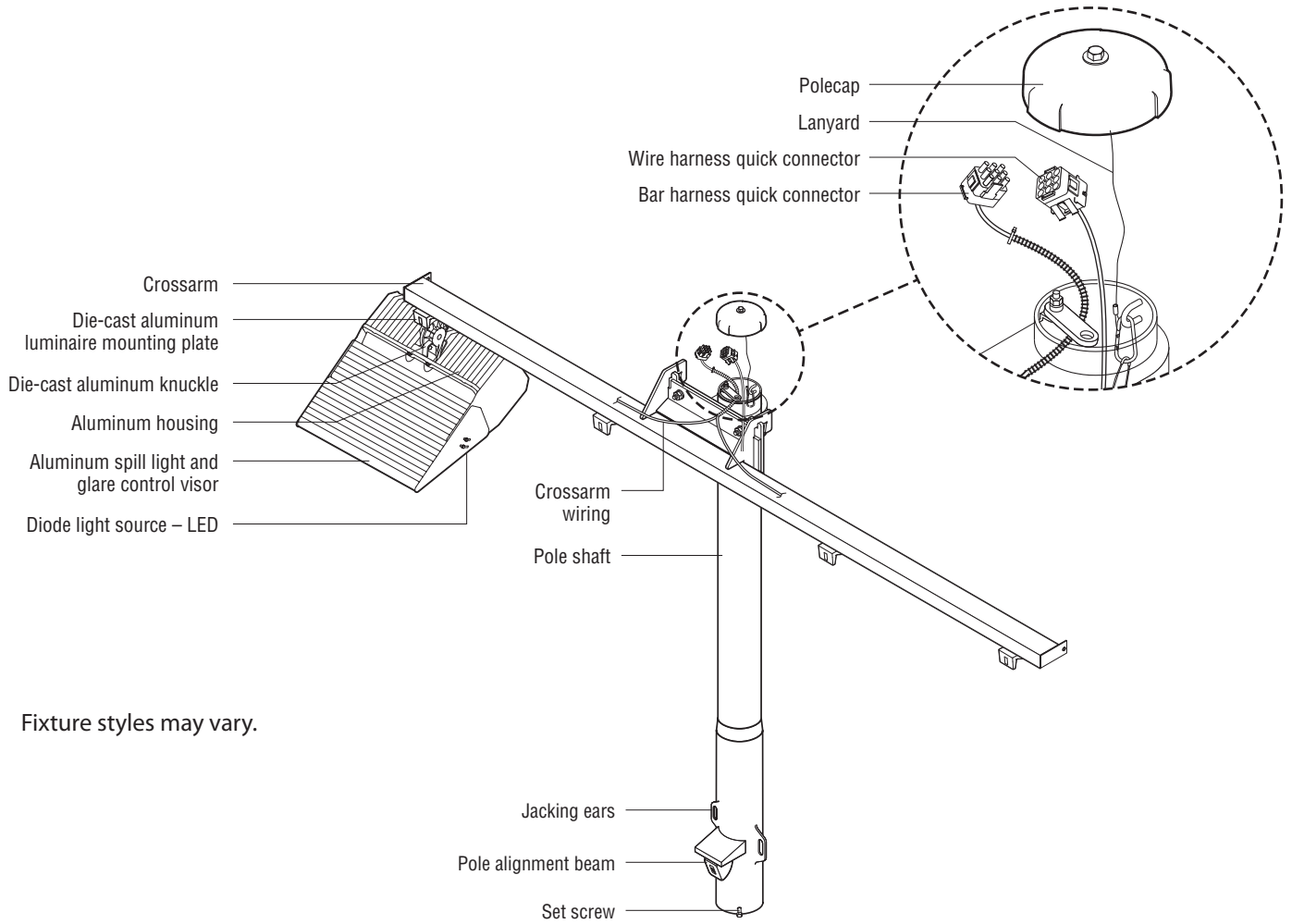
Construction

- Crossarms and pole shaft hot-dip galvanizing inside and outside after fabrication meets ASTM-A123 and EN 1461 standards
- All aluminum components are powder-coated or anodized to mil-A-8625F and BS 5599
- Luminaire and knuckle are powder-coated die-cast aluminum
- All stainless steel fasteners are passivated and coated
- Crossarms are constructed of rectangular steel tubing
- Polecap is attached with stainless steel lanyard and securing bolt
- Structural-grade fasteners with DTI (Direct Tension Indicating) washers attach crossarms to poletop

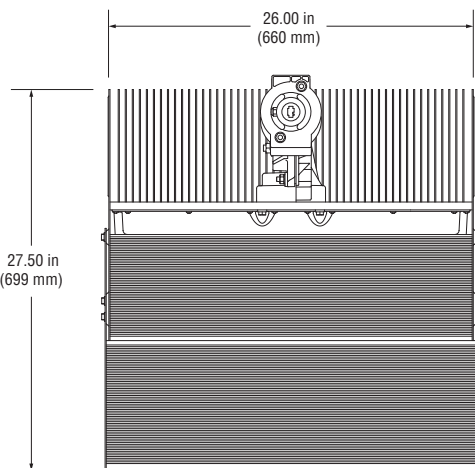
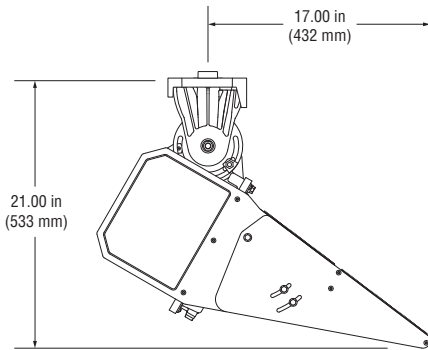
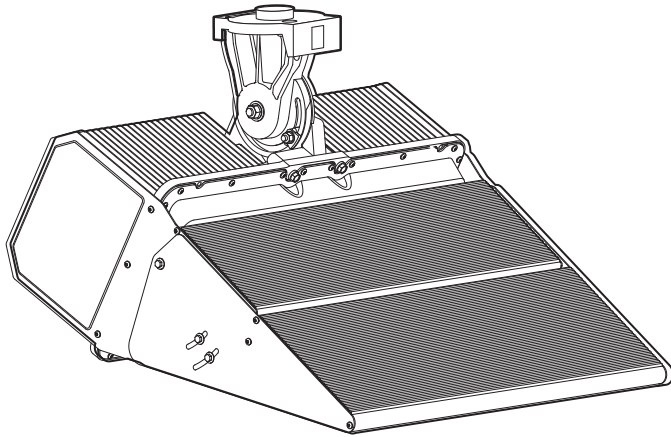
Quality Assurance Tests

- Galvanizing thickness
- High potential dielectric withstand
- Electrical continuity

TLC for LED™ – Poletop Luminaire Assembly, Bolt On



Fixture styles may vary.



Luminaire Data

Weight (luminaire) 75 lb (34 kg)
 UL listing number E338094
 UL listed for USA / Canada UL1598 CSA-C22.2 No.250.0
 Ingress protection, luminaire IP65
 Material and finish Aluminum,
 powder-coat painted
 Wind speed rating (aiming only) 150 mi/h (67 m/s)

Photometric Characteristics

Projected lumen maintenance per IES TM-21-11

L90(8.5k) >51,000 h
 L80(8.5k) >51,000 h
 L70(8.5k) 51,000 h
 CIE correlated color temperature 5700 K
 Color Rendering Index (CRI), typical 75
 Color Rendering Index (CRI), minimum 70
 Lumens¹ 121,000

Footnotes:

1) Incorporates appropriate dirt depreciation factor for life of luminaire.

Driver Data

Electrical Data

Rated wattage¹

Per driver..... 1,150 W

Per luminaire..... 1,150 W

Number of luminaires per driver..... 1

Starting (inrush) current..... <40 A, 256 μ

Fuse rating..... 15 A

UL ambient temperature rating,
electrical components enclosure..... 50°C (122°F)

Ingress protection,
electrical components enclosure..... IP54

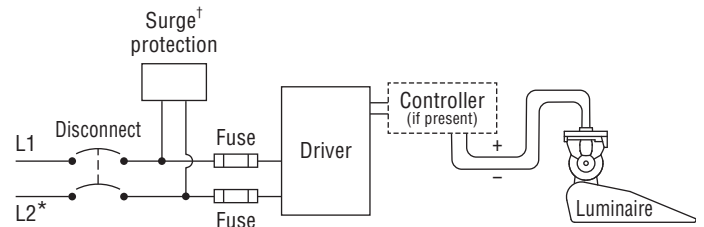
Efficiency..... 95%

Dimming mode..... optional

Range, energy consumption..... 15 – 100%

Range, light output..... 20 – 100%

Typical Wiring



* If L2 (com) is neutral then not switched or fused.

† Not present if indoor installation.

	200 Vac 50/60 Hz	208 Vac 60 Hz	220 Vac 50/60 Hz	230 Vac 50 Hz	240 Vac 50/60 Hz	277 Vac 60 Hz	347 Vac 60 Hz	380 Vac 50/60 Hz	400 Vac 50 Hz	415 Vac 50 Hz	480 Vac 60 Hz
Max operating current²	7.26 A	6.98 A	6.60 A	6.31 A	6.05 A	5.24 A	4.18 A	3.82 A	3.63 A	3.50 A	3.03 A

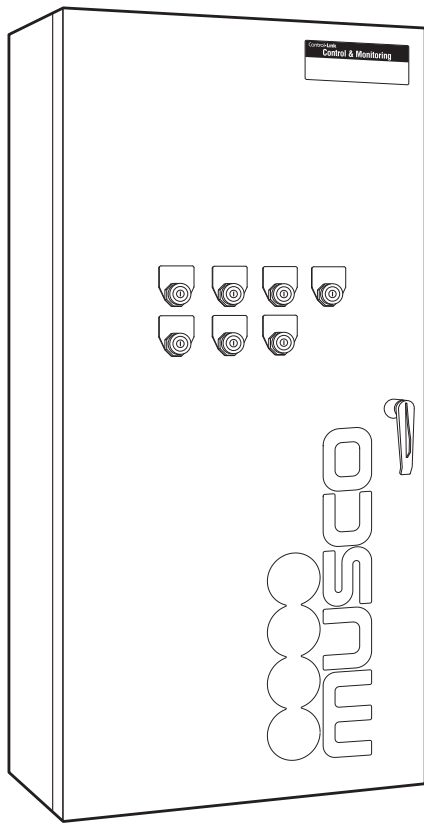
Footnotes:

- 1) Rated wattage is the power consumption, including driver efficiency losses, at stabilized operation in 25°C ambient temperature environment.
- 2) Operating current includes allowance for 0.90 minimum power factor, operating temperature, and LED light source manufacturing tolerances.

Notes

1. Use thermal magnetic HID-rated or D-curve circuit breakers.
2. See *Musco Control System Summary* for circuit information.





Overview

Control-Link® control and monitoring system provides flexible remote on/off control, monitoring, and management of your lighting system.

Features

Control

- Lighting system and auxiliary equipment
- Customized on/off control via phone, website, smartphone application, email, or fax up to 10 years in advance
- Multi-level user security settings
- Key-activated on/off/auto switches allow manual or automated control
- Seven controllable lighting zones

Monitoring

- Detects lamp outages and other issues that affect light quality

Management and Support

- Control-Link Central™ service center provides support 24 hours a day, 7 days a week for scheduling, monitoring, and reporting
- Luminaire outage notification within the next business day
- Customized usage reports through website

Technical Specifications

Ratings

UL 508A Listed E204954
 FCC Part 15 Class A compliant
 Operating temperature -4 °F to 140 °F
 (-20 °C to 60 °C)

Weight for 72 inch (1829 mm) cabinet 180 lb (82 kg)

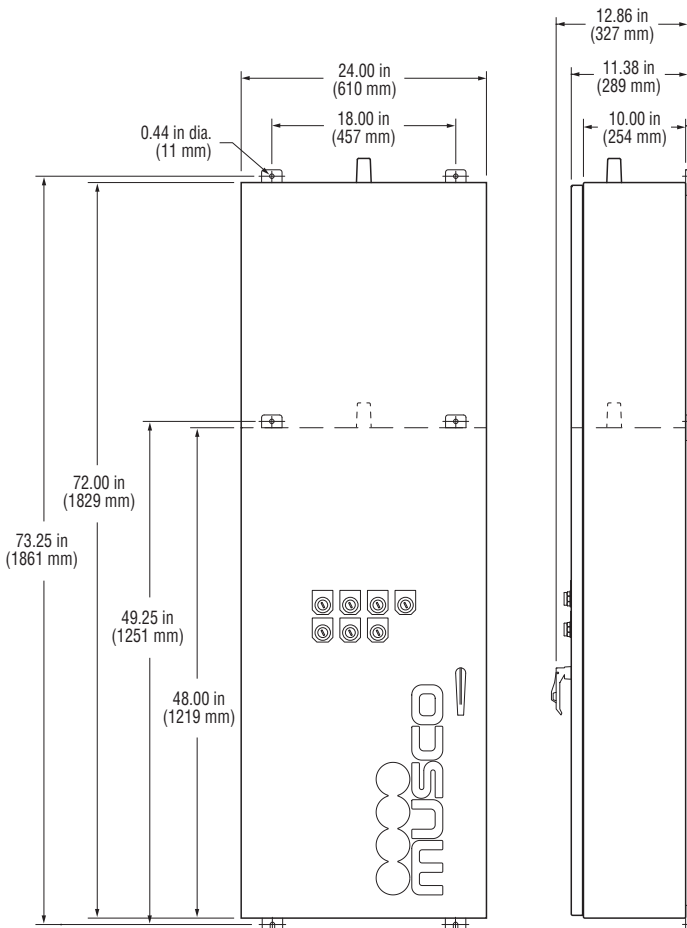
Weight for 48 inch (1219 mm) cabinet 140 lb (64 kg)

Short Circuit Current Rating (SCCR)

with 30 A contactors* 18 kA

with 60 or 100 A contactors* 25 kA

*Minimum circuit breaker interrupt rating must be greater than or equal to SCCR rating listed above.



Technical Specifications

Construction

- NEMA type 4 cabinet
- Powder-coated aluminum 5052 H32 cabinet and panel
- Lockable, 3-point latch
- Supports lighting system voltage up to 480 V
- Requires 120 V phase-to-neutral control voltage
- Protective cover isolates high voltage

Internal Details

- Factory wired, programmed, and tested
- Internally fused
- Control power terminal blocks provided
- One control circuit operates entire cabinet
- Plug-in wire harnesses provided to connect multiple cabinets

Control Module

Receives and stores schedules from Control-Link Central™ service center, operates your equipment, and verifies schedules were carried out.

- Stores and executes schedules for up to 7 days
- Reboots automatically and executes current schedule when power is restored, in case of power interruption

Monitoring Modules

Monitors Musco lighting system and reports issues to keep facilities operating and to help plan routine maintenance. Alerts Control-Link Central service center to schedule appropriate action or maintenance.

Communication Module

Integrated communication system providing two-way reliable, high speed communication to Control-Link Central service center with no additional monthly charges during warranty period.

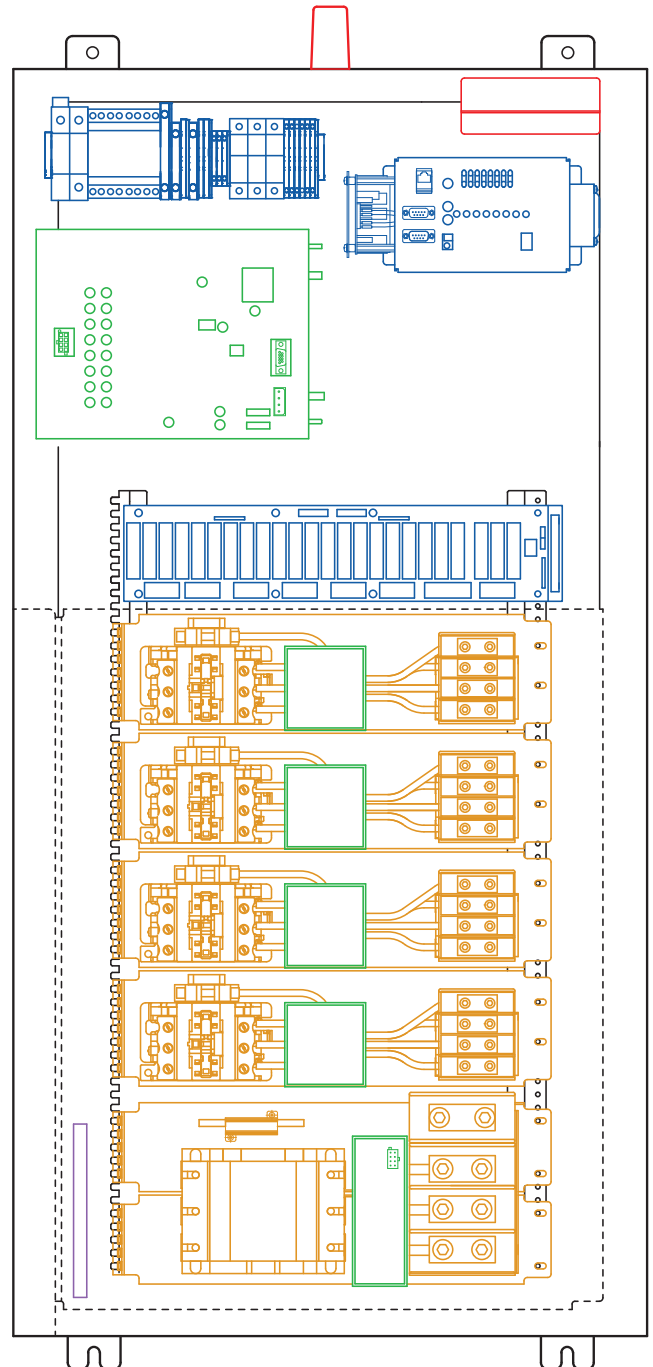
Contactor Modules

Switches equipment based on control module schedules.

- Tested and UL-listed for continuous operation at 100% of rated current
- Contactors rated for 30, 60, or 100 A

Ground Bar

Provides integral ground bar for lighting equipment grounding.



Safety: UL Product Certification

UL Product Certification for:

Musco Sports Lighting, LLC
 100 1st Ave W
 PO Box 808
 Oskaloosa, IA 52577
 USA



UL Category	Covers	UL Number
High-Intensity Discharge Surface-Mounted Luminaires	<ul style="list-style-type: none"> Green Generation™ luminaires and remote ballast assemblies SportsCluster® and SportsCluster-2® luminaires and remote ballast assemblies Light-Structure 2™ and Light-Structure System™ luminaires and remote ballast assemblies 1000 W Light-Pak™ and Light-Pak indoor luminaires with Multi-Watt™ control system 1000 W Show-Light™ and Show-Light Green™ luminaires with hooded light actuator system and remote ballast assemblies 2000 W Mirtran™ luminaire Stadium 2K Fixture™ 2000 W luminaire and Hot Restrike Green™ 2000 W hot restrike luminaire 	E33316
Management Equipment, Energy	Lighting control systems for: <ul style="list-style-type: none"> Control-Link® control and monitoring system Control-Link retrofit control system 	E139944
Industrial Control Panels	Control panels and enclosures for: <ul style="list-style-type: none"> Control-Link® control and monitoring system Control-Link retrofit control system Lighting contactor cabinets Multi-Watt™ control systems 	E204954
Emergency Lighting and Power Equipment	<ul style="list-style-type: none"> Auxiliary Lighting Interface Cabinet (ALIC) 	E311491
Luminaire Fittings	Galvanized steel poles 12 ft (3.7 m) or less for: <ul style="list-style-type: none"> Poles for Mirtran™ luminaire mounting Rooftop poles Special applications 	E132445
Luminaire Pole in Excess of 12 ft (3.7 m)	Galvanized steel poles greater than 12 ft (3.7 m) for: <ul style="list-style-type: none"> Light-Structure System™ luminaire mounting Sportspole™ structure or mounting system and special applications 	E325078



Safety: UL Product Certification

UL Category	Covers	UL Number
Devices, Scaffolding	Service platforms for: <ul style="list-style-type: none">• Light-Structure System™ luminaires and remote ballast assemblies• SportsCluster® System luminaires and remote ballast assemblies	SA7004
Lightning Conductors, Air Terminals, and Fittings	<ul style="list-style-type: none">• Light-Structure System™ pole structure concrete base	E337467
Light-Emitting-Diode Surface-Mounted Luminaires	<ul style="list-style-type: none">• LED luminaires and driver assemblies• LED auxiliary luminaires	E338094

A copy of the UL Certificate of Compliance is available upon your request.

Enhanced Corrosion Protection

Manufacturer's Certification of Enhanced Corrosion Protection for Light-Structure System™ and SportsCluster® Lighting Systems

Environmental conditions in corrosive environments such as coastal regions may accelerate the corrosion rate of equipment. Careful selection of materials and coatings can provide protection in these corrosive environments.

Musco conducted over 150,000 hours of testing to study the effects of highly corrosive environments. Salt spray testing of aluminium components was conducted per ASTM B117 at an independent laboratory and Musco's in-house test chamber to evaluate various selections of alloys and coatings. All salt spray testing was conducted to minimum 3000 hours duration. Evaluation of various installation sites was also conducted to study actual field conditions.

The results of Musco's research and development allowed selection of materials and coatings that significantly outperform the control sample, representing typical materials in the lighting industry.

The following standard corrosion protection is provided on your equipment:

All exposed components are constructed of corrosion-resistant material and/or coated to protect against corrosion. All exposed carbon steel is hot-dip galvanised, meeting ASTM A123 and ISO/EN 1461. All exposed aluminium is powder coated with high-performance polyester or anodised. All exterior reflective inserts are anodised, coated with a clear, high-gloss, durable fluorocarbon, and protected from direct environmental exposure to prevent reflective degradation or corrosion. All exposed hardware and fasteners are stainless steel of 18-8 grade or better, passivated, and coated with an aluminium based thermosetting epoxy resin for protection against corrosion and stress corrosion cracking. Alternately, for hardware in non-stressed applications, an electroless nickel coating meeting ASTM B733 may be used. Pole strapping used to mount certain equipment to light poles is annealed stainless steel (grade 304) and passivated. Certain structural fasteners are carbon steel, galvanised meeting ASTM A153 and ISO/EN 1461 (for hot-dip galvanising), or ASTM B695 (for mechanical galvanising). This corrosion protection package only applies to equipment manufactured by Musco.

In addition, these enhanced corrosion protection features are provided to address the specific challenges of your corrosive environment:

Poletop Luminaire Crossarm Assembly is constructed of carbon steel and hot dip galvanised per ASTM A123. A proprietary galvanisation process ensures minimum 5 mil (125 µm) average thickness.

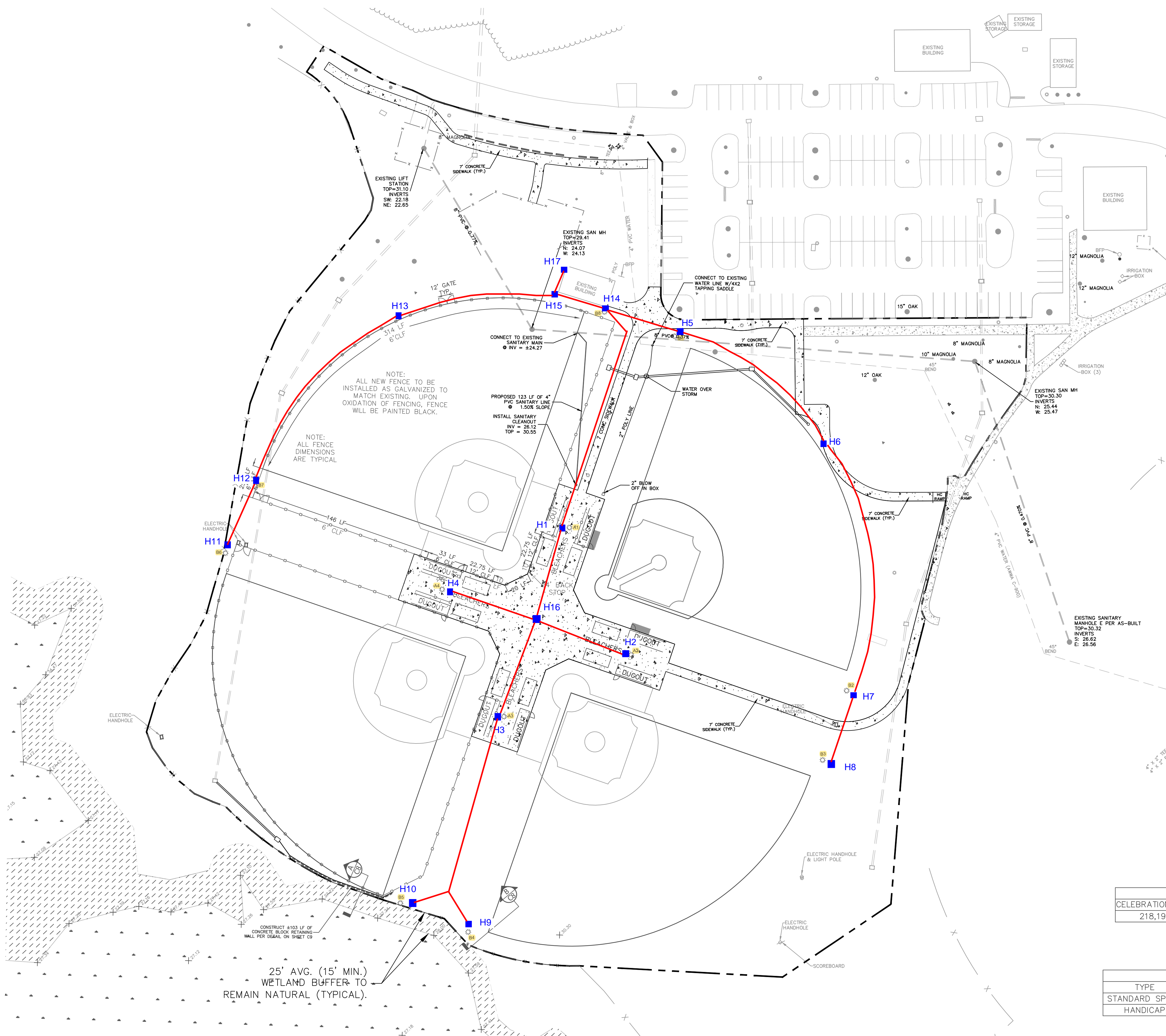
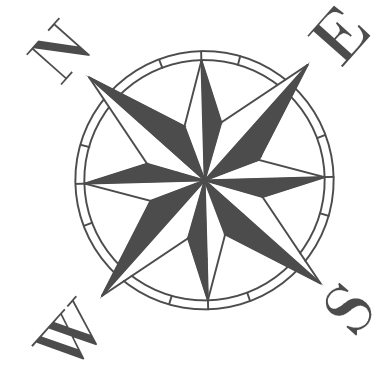
Exposed Die Cast Aluminium components are constructed of low copper aluminium alloy, type II anodised per MIL-STD-8625, and sealed with proprietary coating before application of high performance polyester powder coating.

Exposed Extruded Aluminium components are constructed of low copper aluminium alloy, type II anodised per MIL-STD-8625, and coated with high performance polyester powder coating.

Musco Sports Lighting, LLC



Tim Boyle
Research and Development Manager



NOTES

1. ALL CONDUITS TO BE BURIED 18" BELOW FINISH GRADE TO TOP OF CONDUIT
2. ALL TRENCHES TO BE LEFT OPEN FOR BLDG DEPT INSPECTION OF CONDUIT DEPTH, OR BACKFILLED WITH 1.5" TEST TUBES SPACED EVERY 100' APART FOR INSPECTOR TO CHECK DEPTH
3. ALL HANDHOLES TO BE FLUSH TO EARTH GRADE AND SET ON 57 STONE
4. ALL TRENCHES TO BE COMPACTED IN 6" LIFTS
5. BOTTOM OF HANDHOLES TO BE FILLED WITH 6" OF 57 STONE FOR DRAINAGE

IMPERVIOUS AREA SUMMARY

NEW CONSTRUCTION	
ASPHALT	44,354 SF
CONCRETE	27,930 SF
SUBTOTAL	72,284 SF
EXISTING TO BE DEMOLISHED	
ASPHALT	2,294 SF
CONCRETE	15,426 SF
SUBTOTAL	17,720 SF
NET IMPERVIOUS ADDITION	54,564 SF

**DETAIL 'A'
TYPICAL RETAINING WALL
N.T.S.**

QUANTITIES (S.F.)			
CELEBRATION SOD	BAHIA SOD	CLAY	CONCRETE
218,195	11,258	31,549	25,170

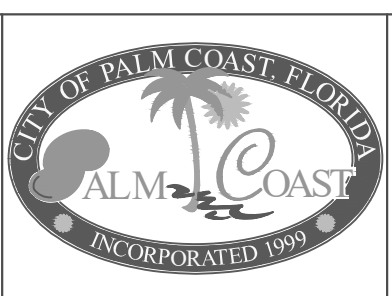
PARKING DATA				
TYPE	EXISTING	REMOVED	ADDED	TOTAL
STANDARD SPACE	150	20	133	263
HANDICAP	6	0	2	8

SITE DATA	
LOT SIZE	?? SF
LOT ACREAGE	?? Ac.
PROPOSED STRUCTURE	?? SF
EXISTING STRUCTURE	?? SF
IMPERVIOUS AREA	??%
PERVIOUS AREA	??%
PROPOSED BUILDING HEIGHT	??'
BICYCLE RACK SPACES	?

Des. by: CM/JWH	Date: 04/07/2020	Scale: 1" = 40'
Dwn. by: JWH	Date: 04/07/2020	Job no.:
Chk. by: CM	Date:	File: ITSC BASEBALL
App'd by:	Date:	

SITE PLAN - PHASE I	Rev. No.	Date	App'd by

**Drawing Status
CONSTRUCTION**



CITY OF PALM COAST
160 Lake Avenue
Palm Coast, Florida 32164

**INDIAN TRAILS SPORTS COMPLEX
NEW BASEBALL FIELDS**

Dwg No.
C-5



Palm Coast Indian Trails Ball Fields
5455 Belle Terre Parkway
Palm Coast, FL 32164
April 22, 2020
To: Susan Knopf
Pricing Per Clay County Contract RFP#18/19-2
Project #197319

Quotation Price – Musco Equipment

Musco's Light Structure TLC for LED lighting system as described below and delivered to the job site:
 (See Contract Pricing Breakdown Below)

Two Fields	\$238,400
Four Fields	\$477,600

Equipment Description

Light Structure Green™ System delivered to your site in Five Easy Pieces™

- Pre-cast concrete bases
- Galvanized steel poles
- Electrical component enclosures
- Pole length wire harness
- Factory-aimed and assembled TLC LED luminaires
- Musco Lighting Contactor Cabinet and Control Link With Dimming

Also Includes:

- Energy savings of more than 50% over a standard lighting system
- 50% less spill and glare light than Musco's prior industry leading technology
- Musco Constant 25™ product assurance and warranty program that eliminates 100% of your maintenance costs for 25 years, including labor and materials
- Guaranteed constant light levels for 25 years
- Lighting Contactors sized for voltage and phase at jobsite

Field Description	Quantity	Pricing Per Clay	Extended Price
(Sect I) Baseball/Softball 200' Field 50/30	2	\$119,200	\$238,400
Subtotal			\$238,400
Total:			\$238,400

Field Description	Quantity	Pricing Per Clay	Extended Price
(Sect I) Baseball/Softball 200' Field 50/30	4	\$119,200	\$477,600
Subtotal			\$477,600
Total:			\$477,600

Sales tax is not included as part of this quote.

Notes:

Quote is based on:

- Structural code and wind speed = FBC 2017, 140 MPH Standard Soils

Thank you for considering Musco for your sports lighting needs. Please contact me with any questions.

Danny Sheldon
North Florida Sales Representative
Musco Sports Lighting, LLC
Phone: 352-665-0578 Fax: 800/374-6402
E-mail: danny.sheldon@musco.com



Date	Event	Tournament Name & Host	# of Teams	Participants per Team	Total Participants	Event Spectators 2.5 x Total Participants	Estimated Economic Impact	
October 2012								
Oct. 6-7	Gymnastics Meet	PC Gymnastics - Kelly Hesbeens	1	310	310	775	\$95,889	
Oct. 5-7	Lotto Invitational Soccer Tournament	FC United Soccer - Rich Weber	95	14	1330	3325	\$411,396	
Oct. 12-14	Pumpkin Shoot Out Lacrosse Tournament	Team Florida Lacrosse - Tom West/Henry Crafton	39	16	624	1560	\$193,016	
Oct. 11	Pink Army 5K Run/Walk	PCP&R and FHF	1	482	482	1205	50	
November								Q1 Visitors
Nov. 9-11	Veteran's Day Lacrosse Tournament	Team Florida Lacrosse - Tom West/Henry Crafton	56	25	1400	3500	\$433,048	16373
Nov. 22	Feet to Feast 5k/15k Run	COPC	1	532	532	1330	\$164,558	
December								
January 2013								
Jan. 5	JV Soccer Tournament	FC United Soccer-Rich Weber	4	20	80	200	\$6,216	Meals Only
Jan. 12-13	MLK Elite Lacrosse Kick-Off	Team Florida Lacrosse	10	22	220	550	\$17,094	Meals Only
Jan. 26-27	Olympic Development Training	FC United Soccer - Rich Weber	1	323	323	807.5	\$99,910	
Jan. 25-31	USTA Men's Futures Tournament	Kemper Sports Management	1	98	98	245	\$30,313	
February								
Feb. 1-3	USTA Men's Futures Tournament	Kemper Sports Management						
March								Q2 Visitors
March 2-3	Olympic Development Training	FC United Soccer - Rich Weber	1	280	280	700	\$86,610	6864
March 16-17	Region Cup Finals Soccer Tournament	FC United Soccer - Rich Weber	64	15	960	2400	\$296,947	
April								
April 3	JV & Varsity Lacrosse Games (Orlando & Jacksonville Teams)	Team Florida Lacrosse	4	25	29	73	\$322	Meals Only (din
April 27-28	State Cup Round of Sixteen	FC United	64	18	1152	2880	\$356,337	
May								Q3 Visitors
May 18-19	Florida Flag Football Adult Tournament	FFFL-Norm McLean	15	8	120	300	\$37,118	16489
June								
June 15-16	Lacrosse Father's Day Tournament	Team Florida Lacrosse - Tom West/Henry Crafton	125	22	2750	6875	\$850,630	
June 17-19	J4K Regional ID Camp	FC United	1	38	38	95	\$422	Meals Only (din
June 21-23	USSSA Jr. Golf Tour	The Dunn Agency	10	1	10	25	\$3,093	
June 22-23	3v3 Soccer Tournament	FC United Soccer - Reggy Monsanto	102	6	612	1530	\$189,304	
July								
August								
September								
			595		11,350	28,375	39,725	39,725

	Assumptions	Total Estimated Economic Impact	\$3,272,223
#1	74% of total families were visitors traveling to Palm Coast (NASC Mean)		
#2	Each family stayed two nights at a local hotel (Friday & Saturday)	Estimated Sales Tax	\$229,056
#3	Average hotel room rate = \$80/night (no tax)		
#4	Average cost of meals/day/family of 3.5 members = \$105/day*		
#5	Average gas purchase = \$48 (1 full tank of gas on arrival day + purchase of 1/2 tank of gas on day of departure**		

*Breakfast=\$5/person; Lunch=\$10/person; Dinner=\$15/person (includes tip but no tax)

**13 gallons x \$3.70/gallon



Date	Event	Tournament Name & Host	# of Teams	Participants per Team	Total Participants	Event Spectators 2.5 x Total Participants	Estimated Economic Impact
October 2013							
Oct. 5-6	Gymnastics Meet	PC Gymnastics - Kelly Hesbeens	1	280	280	700	\$86,610
Oct. 13	Pink Army 5K Run/Walk	PCP&R and FHF	1	650	650	325	\$0
Oct. 11-13	Lotto Invitational Soccer Tournament	PDA Florida - Reggy Monsanto	82	14	1148	2,870	\$355,099
Oct. 19-20	Pumpkin Shoot Out Lacrosse Tournament	Team Florida Lacrosse - Tom West/Henry Crafton	48	16	768	1,920	\$237,558
Oct. 26	Sr. Games Archery	PCP&R and PC Gun & Archery Club	1	32	32	80	\$9,898
Oct. 30	Sr. Games Ballroom Dance	PCP&R and USA Dance	1	12	12	18	\$0
Oct. 31	Sr. Games Horseshoes	PCP&R and FC Pitching Club	1	20	20	50	\$0
November							
Nov. 9-10	Veteran's Day Lacrosse Tournament	Team Florida Lacrosse - Tom West/Henry Crafton	76	25	1900	4,750	\$587,708
Nov. 28	Feet to Feast 5k/15k Run	COPC	1	569	569	1,423	\$176,003
December							
January 2014							
Jan. 2-5	J4K Goalie Camp	PDA Florida - Reggy Monsanto	1	36	36	90	\$11,136
Jan. 10-12	PDA Girls Soccer Tournament	PDA Florida - Rich Weber	6	14	84	210	\$11,587
Jan. 11-12	Olympic Development Academy	PDA Florida - Rich Weber	1	366	366	915	\$113,211
Jan. 18-19	MLK Elite Lacrosse Kick-Off	Team Florida Lacrosse - Tom West/Henry Crafton	40	22	880	2,200	\$272,202
Jan. 25-26	Florida Flag Football Adult Tournament	FFFL-Norm McLean	21	12	252	630	\$77,949
Jan. 23-31	USTA Men's Futures Tournament	Kemper Sports Management	1	102	102	255	\$31,551
February							
Feb. 1-2	USTA Men's Futures Tournament	Kemper Sports Management					
Feb. 28-Mar. 2	PDA Girls Soccer (NJ)	PDA Florida & PDA NJ	2	18	36	54	\$15,048
March							
Mar. 29-30	State Cup Soccer	PDA Florida - Rich Weber	60	18	1080	2,700	\$148,975
April							
April 12-13	Florida Lacrosse League Crossover	Team Florida Lacrosse	20	22	440	1,100	\$4,884
April 19	Flagler Sheriff's PAL - 5K	FCSO - PAL	1	225	225	338	\$0
May							
May 3	Arbor Day 5K Root Run	COPC	1	150	150	225	\$0
May 3-4	Round of 16 Soccer	PDA Florida - Reggy Monsanto	64	18	1152	2,880	\$356,337
May 10-11	Team Florida Elite Lacrosse Summer Showcase	Team Florida	1	350	350	875	\$108,262
May 17-18	Dual League Soccer Championship	PDA Floridda	22	18	396	990	\$122,491
June							
June 13-15	Father's Day Lacrosse Tournament	Team Florida Lacrosse	155	22	3410	8,525	\$1,054,781
June 21-22	3v3 Soccer Tournament	PDA Florida	101	6	606	1,515	\$187,448
June 28-29	Flag Football - State Championship	Florida Flag Football League	21	12	252	630	\$77,949
July							
July 10-11	J4K Goalie Camp	PDA Florida	1	25	25	63	\$7,733
August							
September							
Sept. 13-14	Region B Premier League	PDA Florida	74	18	1332	3330	\$412,014
Sept. 20-21	Gymnastics Meet (new)	PC Gymnastics	1	190	190	475	\$58,771
			806		16,743	41,858	58,601

	Assumptions	Total Estimated Economic Impact	\$4,525,203
#1	74% of total families were visitors traveling to Palm Coast (NASC Mean)	Estimated Bed Tax	\$181,008
#2	Each family stayed two nights at a local hotel (Friday & Saturday)	Estimated Sales Tax	\$316,764
#3	Average hotel room rate = \$80/night (no tax)		
#4	Average cost of meals/day/family of 3.5 members = \$105/day*		
#5	Average gas purchase = \$48 (1 full tank of gas on arrival day + purchase of 1/2 tank of gas on day of departure**		

*Breakfast=\$5/person; Lunch=\$10/person; Dinner=\$15/person (includes tip but no tax)

**13 gallons x \$3.70/gallon



Date	Event	Tournament Name & Host	# of Teams	Participants per Team	Total Participants	Event Spectators 2.5 x Total Participants	Estimated Economic Impact
October 2014							
Oct. 4	Girls Lacrosse Tournament	MCC Sports, Inc.	30	18	540	1350	\$167,033
Oct. 4-5	Gymnastics Meet	PC Gymnastics	1	350	350	875	\$108,262
Oct. 12	Pink Army 5K Run/Walk	PCP&R and FHF	1	905	905	453	\$0
Oct. 10-11	PDA Fall Classic	PDA Florida	140	14	1960	4900	\$606,267
Oct. 18-19	Pumpkin Shoot Out Lacrosse Tournament	Team Florida Lacrosse	44	16	704	1760	\$217,761
November							
Nov. 8-9	Veteran's Day Lacrosse Tournament	Team Florida Lacrosse	108	22	2376	5940	\$734,944
Nov. 27	Feet to Feast 5k/15k Run	COPC	1	433	433	1082.5	\$133,936
December							
Dec. 6-7	National Rugby Championships	ACRA -100% out of state	8	22	176	440	\$73,568
Dec. 31-Jan 2	PDA Girls Soccer Showcase	PDA Florida - Rich Weber	60	22	1320	3300	\$102,564
January 2015							
Jan. 10-11	MLK Elite Lacrosse Kick-Off	Team Florida Lacrosse	12	22	264	660	\$81,660
Jan. 23-Feb. 1	USTA Men's Futures Tournament	Kemper Sports Management	1	166	166	415	\$51,347
February							
Feb. 7-8	Kick-Off Classic Flag Football	FFFL-Norm McLean	14	12	168	420	\$51,966
Feb. 27-Mar. 2	Regional Quidditch Tournament	US Quidditch	14	18	252	630	\$77,949
March							
March 1	PDA Mini Tournament	PDA Florida - Rich Weber	4	16	64	160	\$19,796
					0	0	\$0
April							
April 11-12	Flagler College Spring Invitational Soccer	PDA Florida - Reggy Monsanto	8	16	128	320	\$1,421
April 18-19	State Cup Soccer Tournament	PDA Florida - Reggy Monsanto	32	16	512	1280	\$158,372
April 25-26	Flag Football 7 v 7	MHS	7	12	84	210	\$8,765
May							
May 2	Arbor Day 5K Root Run	COPC			0	0	\$0
May 2-3	State Cup Soccer Tournament	PDA Florida - Reggy Monsanto	64	16	1024	2560	\$316,744
May 9-10	Mother's Day Lacrosse Showcase	Team Florida	1	678	678	1695	\$209,719
June							
June 12-14	Lacrosse Father's Day Tournament	Team Florida Lacrosse	147	22	3234	8085	\$1,000,341
June 20-21	3v3 Soccer Tournament	PDA Florida	74	6	444	1110	\$137,338
June 27-28	Florida Flag Football Adult Tournament	FFFL-Norm McLean	31	12	372	930	\$115,067
June 27-28	Girls Lacrosse	Team Florida Lacrosse	38	12	456	1140	\$141,050
July							
August							
September							
Total Visitors			840			56325	

Assumptions

- #1 74% of total families were visitors traveling to Palm Coast (NASC Mean)
- #2 Each family stayed two nights at a local hotel (Friday & Saturday)
- #3 Average hotel room rate = \$80/night (no tax)
- #4 Average cost of meals/day/family of 3.5 members = \$105/day*
- #5 Average gas purchase = \$48 (1 full tank of gas on arrival day + purchase of 1/2 tank of gas on day of departure**

*Breakfast=\$5/person; Lunch=\$10/person; Dinner=\$15/person (includes tip but no tax)
 **13 gallons x \$3.70/gallon

Total Estimated Economic Impact

Estimated Bed Tax \$4,515,869
Estimated Sales Tax \$180,635
Estimated Bed Tax \$316,111



Date	Event	Tournament Name & Host	# of Teams	Participants per Team	Total Participants	Event Spectators 2.5 x Total Participants	Estimated Economic Impact
October 2015							
Oct. 3	Cradle for the Cure Girls Lacrosse Tournament	MCC Sports, Inc.	26	18	468	1170	\$144,762
Oct. 3-4	Gymnastics Meet	PC Gymnastics	1	300	300	750	\$92,796
Oct. 11	Pink Army 5K Run/Walk	PCP&R and FHF	1	904	904	452	\$0
Oct. 10-11	PDA Fall Classic	PDA Florida	110	14	1540	3850	\$476,353
Oct. 18-19	Pumpkin Shoot Out Lacrosse Tournament	Team Florida Lacrosse	60	16	960	2400	\$296,947
November							
Nov. 8-9	Veteran's Day Lacrosse Tournament	Team Florida Lacrosse	112	22	2464	6160	\$762,164
Nov. 27	Feet to Feast 5k/15k Run	COPC	1	404	404	1010	\$124,965
December							
Dec. 5-6	Florida Winter Cup	Soccer Management Company	80	18	1440	3600	\$111,888
Dec. 31-Jan 2	PDA Girls Soccer Showcase	PDA Florida - Rich Weber	74	22	1628	4070	\$126,496
January 2016							
Jan. 8-10	New Year's Lacrosse Tournament	Team Florida Lacrosse			0	0	\$0
Jan. 23-Feb. 1	USTA Men's Futures Tournament	Kemper Sports Management			0	0	\$0
Jan. 30	Color Vibe 5K	Color Vibe - Mike Jensen	1	1000	1000	2500	\$309,320
February							
February 2-7	USTA Main Draw Single & Doubles	Kemper Sports Management			0	0	\$0
February 13-14	Florida Travel Lacrosse Spring Tournament	Team Florida Lacrosse	40	25	1000	2500	\$309,320
March							
March 5-6		Team Florida Lacrosse	48	16	768	1920	\$237,558
March 11-13	Flagler College Invitational	PDA Florida	8	18	144	360	\$44,542
					0	0	\$0
April							
April 16-17	Florida State Cup Round 2		64	16	1024	2560	\$11,366
April 23-24	Triple Crown Baseball		32	15	480	1200	\$148,474
					0	0	\$0
May							
May 2	Arbor Day 5K Root Run	COPC			0	0	\$0
May 21-22	Triple Crown Baseball		31	15	465	1162.5	\$143,834
May 7-8	Florida State Cup Round 16	PDA Florida	48	16	768	1920	\$237,558
June							
June 10-11	Flag Football State Championship	Florida Flag Football League	40	15	600	1500	\$185,592
June 17-19	Father's Day Lacrosse Tournament	Team Florida Lacrosse	170	18	3060	7650	\$946,519
June 25-26	3v3 Soccer Tournament	PDA Florida	100	5	500	1250	\$154,660
June 25-26	One Love Invitation Girls Lacrosse	Team Florida Lacrosse			0	0	\$0
July							
August							
September							
			1047			67901.5	

Assumptions

- #1 74% of total families were visitors traveling to Palm Coast (NASC Mean)
- #2 Each family stayed two nights at a local hotel (Friday & Saturday)
- #3 Average hotel room rate = \$80/night (no tax)
- #4 Average cost of meals/day/family of 3.5 members = \$105/day*
- #5 Average gas purchase = \$48 (1 full tank of gas on arrival day + purchase of 1/2 tank of gas on day of departure**)

*Breakfast=\$5/person; Lunch=\$10/person; Dinner=\$15/person (includes tip but no tax)
 **13 gallons x \$3.70/gallon

Total Estimated Economic Impact
Estimated Bed Tax
Estimated Sales Tax

\$4,865,114
 \$194,605
 \$340,558



Date	Event	Tournament Name & Host	# of Teams	Participants per Team	Total Participants	Event Spectators 2.5 x Total Participants	Estimated Economic Impact
October 2016							
Oct. 1-2	Cradle for the Cure Girls Lacrosse Tournament	MCC Sports, Inc.	20	16	320	800	\$98,982
Oct. 30	Pink Army 5K Run/Walk	PCP&R and FHF	1	469	469	235	\$145,071
Oct. 8-9	PDA Fall Classic	PDA Florida Hurricane			0	0	\$0
Oct. 15-16	Pumpkin Shoot Out Lacrosse Tournament	Team Florida Lacrosse	80	18	1440	3600	\$445,421
November							
Nov. 12-13	Veteran's Day Lacrosse Tournament	Team Florida Lacrosse	ITSC/RC	110	19	2090	\$646,479
						0	\$0
24-Nov	Feet to Feast 5k/15k Run		1	354	354	885	\$109,499
Aug-Nov30	NPL Fall Season	PDA Florida	30	16	480	1200	\$148,474
December							
Dec. 2-4	Florida Winter Cup Showcase	Soccer Management Company	ITSC	117	16	1872	\$579,047
	Starlight 5k		1	395	395	988	\$122,181
Dec 3-4	Mosquito Sports Youth FFB Tournament	Mosquito Sports NEW	BT	30	16	480	\$148,474
Dec 28-Jan2	PDA Girls NPL Soccer Showcase	PDA Florida - Rich Weber	ITSC	75	16	1200	\$371,184
January 2017							
	New Year's Lacrosse Tournament	Team Florida Lacrosse	ITSC	36	17	612	\$189,304
	USTA Men's Futures Tournament	Kemper Sports Management	PCTC	120	1	120	\$37,118
Jan 14-16	Soccer Tournament	PDA Florida User Canceled					
Jan28-29	Soccer Tournament	Soccer Management Company User Canceled					
					0	0	\$0
February							
	USTA Men's Futures Tournament	Kemper Sports Management	64	1	64	160	\$19,796
Feb 18-19	Presidents Cup	PDA Florida User Canceled					
Feb 11-12	Travel Lacrosse Spring Tournament	Team Florida Lacrosse	32	17	544	1360	\$168,270
March							
March 4-5	JROTC Drill Meet	Matanzas HS User Canceled			0	0	\$0
March 4-5	Lacrosse Tournament	Team Florida Lacrosse User Canceled	48	16	768	1920	\$237,558
March 10-12	Flagler College Invitational	PDA Florida User Canceled			0	0	\$0
March 24	Flagler CO All Stars	Matanzas HS	4	17	68	170	\$21,034
March 25-26	FL State Cup Rd 1	PDA Florida	64	17	1088	2720	\$336,540
April							
April 1-2	Lacrosse Tournament	Team Florida Lacrosse	32	17	544	1360	\$168,270
April 8-9	FL State Cup Rd 1	PDA	64	17	1088	2720	\$336,540
April 22-23	FL State Cup Rd 64	PDA	64	17	1088	2720	\$336,540
April 29-30	FL State Cup	PDA	32	17	544	1360	\$168,270
					0	0	\$0
May							
	Arbor Day 5K Root Run	COPC	97	1	97	242.5	\$30,004
May 6-7	FL State Cup Rd 16	PDA Florida	64	17	1088	2720	\$336,540
May 12-14	PC Spring Showcase	Soccer Management	32	16	512	1280	\$158,372
May 20-21	Team Florida Elite Lacrosse Summer Showcase	Team Florida	110	17	1870	4675	\$578,428
					0	0	\$0
June							
June 1	Spring NPL	PDA Florida	35	16	560	1400	\$173,219
June 17-18	Father's Day Lacrosse Tournament	Team Florida Lacrosse	170	17	2890	7225	\$893,935
June 24-25	3v3 Soccer Tournament	PDA Florida	117	5	585	1462.5	\$180,952
June 24-25	Flag Football State Championship	Florida Flag Football League	45	12	540	1350	\$167,033
June 30-Jul1	One love LAX	TFL	40	16	640	1600	\$197,965
July							
June 22-July 14	All Stars Games	PCLL	25	15	375	937.5	\$115,995
July 15-16	Baseball Districts	PCLL	16	15	240	600	\$74,237
August							
Aug 26-27	Florida Elite Fall Tournament	Florida Elite	120	15	1800	4500	\$556,776
September							
Sept 8-9	UF Team Florida Girls Showcase	Team Florida Lax					
Sept 23-24	Region B Premier League	FL Elite	36	17	612	1530	\$189,304
Sept 30	Cradle for the Cure	MCC Sports INC	38	17	646	1615	\$199,821
					1970	97352.5	\$686633.56

Q1 Visitors 30912
Q1 Visitor Spending \$2,814,812

Q2 Visitors 11424
Q2 Visitor Spending \$1,009,620

Q3 Visitors 42161
Q3 Visitor Spending \$3,726,069

Q4 Visitors 12855.5
Q4 Visitor Spending \$1,136,132

#	Assumptions	Total Estimated Economic Impact	Estimated Bed Tax	Estimated Sales Tax
#1	74% of total families were visitors traveling to Palm Coast (NASC Mean)	\$8,686,634	\$347,465	\$608,064
#2	Each family stayed two nights at a local hotel (Friday & Saturday)			
#3	Average hotel room rate = \$80/night (no tax)			
#4	Average cost of meals/day/family of 3.5 members = \$105/day*			
#5	Average gas purchase = \$48 (1 full tank of gas on arrival day + purchase of 1/2 tank of gas on day of departure**)			

*Breakfast=\$5/person; Lunch=\$10/person; Dinner=\$15/person (includes tip but no tax)
**13 gallons x \$3.70/gallon



Date	Event	Tournament Name & Host	# of Teams	Participants per Team	Total Participants	Event Spectators 2.5 x Total Participants	Estimated Economic Impact
October 2017							
Oct 7-8	PDA Fall Classic						
Oct 14-15	Pumkin Shootout		115	14	1610	4025	\$498,005
Oct 21-22	Florida Alliance D3-2 Showcase	FI LAX	96	14	1344	3360	\$415,726
	Pink 5k		1	782	782	1955	\$241,888
November							
Nov 11-12	Veteran's Day Tournament		108	16	1728	4320	\$534,505
Nov 4	Oceans 50 1/2 Marathon		205	1	205	513	\$63,411
24-Nov	Feet to Feast		402	1	402	1005	\$124,347
					0	0	\$0
December							
Nov30-Dec3	Regional Composit Tournament	Elite Club National League	58	16	1856	4640	\$574,098
Dec 9-10	3v3 Tournament	Florida Sunshine Sports-Canceled by Organization			0	0	\$0
Dec 27-29	National Moes Winter Classic	FI Lax-Canceled by Organization			0	0	\$0
Dec 1	Starlight Parade	COPC	1500	1	1500	3750	\$463,980
Dec 30	Fall NPL	Florida Elite	46	16	736	1840	\$227,660
					0	0	\$0

Q1 Visitors 35570.5
Q1 Visitor Spending \$3,143,619

Assumptions	Total Estimated Economic Impact
#1 74% of total families were visitors traveling to Palm Coast (NASC Mean)	\$3,143,619
#2 Each family stayed two nights at a local hotel (Friday & Saturday)	Estimated Bed Tax \$125,745
#3 Average hotel room rate = \$80/night (no tax)	Estimated Sales Tax \$220,053
#4 Average cost of meals/day/family of 3.5 members = \$105/day*	
#5 Average gas purchase = \$48 (1 full tank of gas on arrival day + purchase of 1/2 tank of gas on day of departure**	

*Breakfast=\$5/person; Lunch=\$10/person; Dinner=\$15/person (includes tip but no tax)

**13 gallons x \$3.70/gallon



Date	Event	Tournament Name & Host	# of Teams	Participants per Team	Total Participants	Event Spectators 2.5 x Total Participants	Estimated Economic Impact	
June 2020								
6/28	Soccer Tournament 3v3	3v3 Monsanto	112	4	448	1,120.00	\$155,151.36	
July 2020								
7/11-7/12	Florida Flag Football	Adult Flag Football Champ	76	13	988	2,470.00	\$342,164.16	
August 2020								
8/1-8/2	Lacrosse Tournament	Father Day Event	32	15	480	1200	\$166,234	
8/14-8/16	Florida Elite	Florida Elite Invitational	55	15	825	2062	\$285,714	
September 2020								
9/12-9/13	Flag Football		30	10	300	750	\$103,896	
October 2020								
10/24-10/25	Florida United Lacrosse	Pumpkin Shootout	47	10	470	1175.00	\$162,770	
November 2020								
11/14-11/15 11/28-11/29	Florida United Lacrosse	Veterans Day Lacrosse	67	15	1005	2513	\$348,052	
December 2020								
12/5-12-6	Soccer Management Company	Florida Winter Cup	64	15	960	2400	\$332,467	
12/12-12/13	Soccer Management Company	Florida Soccer Showcase						
							Total Visitors	Visitor
							19,166	\$1,896,448

- Assumptions**
- #1 74% of total families were visitors traveling to Palm Coast (NASC Mean)
 - #2 Each family stayed two nights at a local hotel (Friday & Saturday)
 - #3 Average hotel room rate = \$105/night (no tax)
 - #4 Average cost of meals/day/family of 3.5 members = \$105/day*
 - #5 Average gas purchase = \$48 (1 full tank of gas on arrival day + purchase of 1/2 tank of gas on day of departure**)

Total Estimated Economic Impact \$1,896,448
Estimated Bed Tax \$94,822
Estimated Sales Tax \$132,751

*Breakfast=\$5/person; Lunch=\$10/person; Dinner=\$15/person (includes tip but no tax)
 **13 gallons x \$3.70/gallon



Date	Event	Tournament Name & Host	# of Teams	Participants per Team	Total Participants	Event Spectators 2.5 x Total Participants	Estimated Economic Impact	Total Visitors	Visitor Spending
October 2020									
10/17-10/18	3v3 National Event (Cancelled)	3v3 Soccer Event							
10/17-10/18	Florida Elite/ECNL (Cancelled)	Fall Classic							
10/24-10/25	Florida United Lacrosse	Pumpkin Shootout	47	10	470	1175	\$220,505		
November 2020									
11/14-11/15	Florida United Lacrosse	Veterans Day Lacrosse	67	15	1005	2513	\$471,506		
December 2020									
12/5-12-6	Soccer Management Company	Florida Winter Cup	64	15	960	2400	\$450,394		
12/12-12/13	Soccer Management Company	Florida Soccer Showcase	48	15	720	1800	\$337,795		
January 2021									
1/9-1/10	Florida United (Cancelled)	Nike Lacrosse							
1/15-1/18	Florida United	MLK Kickoff	15	15	225	563	\$105,561		
1/29-1/31	Florida Elite (Cancelled)	ECNL							
February 2021									
2/13-2/14	Florida United (Cancelled)	Valentines Invitational							
2/19-2/21	Florida Elite (Cancelled)	ENCL							
March 2021									
3/13-3/14	Florida United (Cancelled)	St. Patricks Day Invitational							
April 2021									
4/18-4/18	NGLL	NGLL	18	15	270	675	\$88,312	25,183	\$3,138,555
May 2021									
5/1-5/2	Florida Flag Football	WMNS National FF Event	36	12	432	1080	\$202,677		
June 2021									
6/12	Florida Challenge Sports Event	3 v 3	83	5	415	1037	\$194,701		
6/19-6/20	Florida United	Fathers Day Tournament	58	15	870	2175	\$408,169		
6/26-6/27	Florida Flag Football	State Flag Football	39	12	468	1170	\$219,567		
July 2021									
7/16-7/18	PCLL (3 day event)	Florida LL State Championships	8	15	120	300	\$82,806		
August 2021									
8/14	Florida Elite (Cancelled Sunday)	Season Invitational	64	15	960	2400	\$225,197		
September 2021									
9/4-9/5	KOS Tournament (Cancelled)	3v3 Soccer Event							
9/18-9/19	GameFace Sports	Flag Football Tourney	28	10	280	700	\$131,365		
October 2021									
17-Oct	T2 Sporting Tour	Soccer Tournament							
10/16-10/17	Florida Elite	FCL Event							
10/23-10/24	Florida United	Pumpkin Shootout							\$0
10/30-10/31	Florida Elite	State Cup							\$0
November 2021									
11/9-11/14	Florida United	Veterans Day							\$0

Assumptions

- 74% of total families were visitors traveling to Palm Coast (NASC Mean)
- #1 Each family stayed two nights at a local hotel (Friday & Saturday)
- #2 Average hotel room rate = \$105/night (no tax)
- #3 Average cost of meals/day/family of 3.5 members = \$192.50/day*
- #4 Average gas purchase = \$40 (1 full tank of gas on arrival day + purchase of 1/2 tank of gas on day of departure**)
- #5

*Breakfast-\$10/person; Lunch-\$18/person; Dinner-\$27/person (includes tip but no tax)
 **13 gallons x \$3.10/gallon

Total Estimated Economic Impact \$3,138,555
Estimated Bed Tax \$156,928
Estimated Sales Tax \$219,699



Date	Event	Tournament Name & Host	# of Teams	Participants per Team	Total Participants	Event Spectators 2.5 x Total Participants	Estimated Economic Impact			
October										
10/16-10/17	Florida Elite (one day event)	FCL Event	18	18	324	810	\$ 76,003.92			
10/23-10/24	Florida United Lacrosse	Pumpkin Shootout	42	17	714	1785	\$ 334,980.24			
November										
11/13-11/14	Florida United Lacrosse	Veterans Day Lacrosse	51	22	1122	2805	\$ 526,397.52			
11/20-11/21	Florida Elite (CANCELLED)	FCL Event					\$ -			
December										
								\$ -		
								\$ -		
January										
1/2	T2 Sporting Tour (one day event) (CANCELLED)	3v3 Tournament					\$ -			
1/15	USA Deaf Basketball (CANCELLED)	3v3 Event					\$ -			
1/29-1/30	Florida Elite	Season Kickoff	65	18	1170	2925	\$ 548,917.20			
								\$ -		
February										
2/25-2/27	GameFace Sports (CANCELLED)	Flag Football Tourney					\$ -			
								\$ -		
March										
3/12-3/13	FCL	State Cup Playoffs	23	18	414	1035	\$ 194,232.24			
19-Mar	Area Games Special Olympics Tennis Tournament	Tennis Center/ Special Olympics					\$ -			
3/19-3/20	Top Level Youth (CANCELLED)	Baseball Tournament					\$ -			
April										
4/1-4/3	FCL	State Cup Playoffs	12	18	216	540	\$ 101,338.56			
4/23-4/24	Top Level Youth (CANCELLED)	Baseball Tournament					\$ -			
May										
5/8-5/9	FCL	State Cup Playoffs	36	18	648	1620	\$ 304,015.68			
June										
6/3-6/5	GameFace Sports (CANCELLED)	Flag Football Event					\$ -			
6/11-6/12	Challenge Sports (1-day event)	3v3 Soccer Event	70	6	420	1050	\$ 98,523.60			
6/18-6/19	Florida United	Fathers Day Tournament	75	15	1125	2813	\$ 527,805.00			
6/25-6/26	Florida Flag Football League	State Championships	36	15	540	1350	\$ 633,366.00			
July										
								\$ -		
								\$ -		
August										
8/13-8/14	Florida Elite	Boys Seasonal Invitational	68	18	1224	3060	\$ 574,251.84			
8/20-8/21	Florida Elite	Girls Seasonal Invitational	57	18	1026	2565	\$ 481,358.16			
September										
9/24-9/25	Florida Flag Football League (CANCELLED)	Tournament					\$ -			
								\$ -		
Total Estimated Economic Impact								\$4,401,190		
Estimated Bed Tax								\$220,059		
Estimated Sales Tax								\$308,083		

Total Visitors **Visitor Spending**
 31,301 \$4,401,190

Assumptions

- 74% of total families were visitors traveling to Palm Coast (NASC Mean)
- #1 Each family stayed two nights at a local hotel (Friday & Saturday)
- #2 Average hotel room rate = \$105/night (no tax)
- #3 Average cost of meals/day/family of 3.5 members = \$192.50/day*
- #4 Average gas purchase = \$40 (1 full tank of gas on arrival day + purchase of 1/2 tank of gas on day of departure**)
- #5

*Breakfast=\$10/person; Lunch=\$18/person; Dinner=\$27/person (includes tip but no tax)
 **13 gallons x \$3.10/gallon



Date	Event	Tournament Name & Host	# of Teams	Participants per Team	Total Participants	Event Spectators 2.5 x Total Participants	Estimated Economic Impact
October 2022							
10/22-10/23	Pumpkin Shootout	Florida United	38	13	494	1235	\$ 231,765.04
November 2022							
11/12-11/13	Veterans Day Invitational	Florida United	70	22	1540	3850	\$ 722,506.40
December 2022							
							\$ -
							\$ -
January 2023							
1/6 - 1/8	Youth Flag Football Tournament (Cancelled)	Winnerz Circle					
1/28 - 1/29	Winter Invitational	Florida Elite	67	16	1072	2680	\$ 502,939.52
							\$ -
February 2023							
2/3 - 2/5	PPM Soccer Camp	Peak Performance Soccer LLC			65	163	\$ 30,495.40
							\$ -
March 2023							
3/4-3/5	Florida Flag Football	FFFL	20	15	300	750	\$ 140,748.00
3/18-3/19	Florida Flag Football	Weekend Warriors	40	10	400	1000	\$ 187,664.00
							\$ -
April 2023							
4/29-4/30	Florida Cup League	FCL	24	15	360	900	\$ 168,897.60
May 2023							
June 2023							
July 2023							
							\$ -
							\$ -
August 2023							
8/19-8/20	Florida Elite	Florida Elite	64	16	1024	2560	
8/26-8/27	Florida Elite	Florida Elite	64	16	1024	2560	
September 2023							

Total Visitors 21,977
Visitor Spending \$1,985,016

Total Estimated Economic Impact \$1,985,016

Estimated Bed Tax \$99,251

Estimated Sales Tax \$138,951

Assumptions

- 74% of total families were visitors traveling to Palm Coast (NASC Mean)
 - #1 Each family stayed two nights at a local hotel (Friday & Saturday)
 - #2 Average hotel room rate = \$105/night (no tax)
 - #3 Average cost of meals/day/family of 3.5 members = \$192.50/day*
 - #4 Average gas purchase = \$40 (1 full tank of gas on arrival day + purchase of 1/2 tank of gas on day of departure**
 - #5
- *Breakfast=\$10/person; Lunch=\$18/person; Dinner=\$27/person (includes tip but no tax)
 **13 gallons x \$3.10/gallon



Date	Event	Tournament Name & Host	# of Teams	Participants per Team	Total Participants	Event Spectators 2.5 x Total Participants	Estimated Economic Impact
October 2020							
10/17-10/18	3v3 National Event (Cancelled)	3v3 Soccer Event					
10/17-10/18	Florida Elite/ECNL (Cancelled)	Fall Classic					
10/24-10/25	Florida United Lacrosse	Pumpkin Shootout	47	10	470	1175	\$220,505
November 2020							
11/14-11/15	Florida United Lacrosse	Veterans Day Lacrosse	67	15	1005	2513	\$471,506
December 2020							
12/5-12-6	Soccer Management Company	Florida Winter Cup	64	15	960	2400	\$450,394
12/12-12/13	Soccer Management Company	Florida Soccer Showcase	48	15	720	1800	\$337,795
January 2021							
1/9-1/10	Florida United (Cancelled)	Nike Lacrosse					
1/15-1/18	Florida United	MLK Kickoff	15	15	225	563	\$105,561
1/29-1/31	Florida Elite (Cancelled)	ECNL					
February 2021							
2/13-2/14	Florida United (Cancelled)	Valentines Invitational					
2/19-2/21	Florida Elite (Cancelled)	ENCL					
March 2021							
3/13-3/14	Florida United (Cancelled)	St. Patricks Day Invitational					
April 2021							
4/18-4/18	NGLL	NGLL	18	15	270	675	\$88,312
May 2021							
5/1-5/2	Florida Flag Football	WMNS National FF Event	36	12	432	1080	\$202,677
June 2021							
6/12	Florida Challenge Sports Event	3 v 3	83	5	415	1037	\$194,701
6/19-6/20	Florida United	Fathers Day Tournament	58	15	870	2175	\$408,169
6/26-6/27	Florida Flag Football	State Flag Football	39	12	468	1170	\$219,567
July 2021							
7/16-7/18	PCLL (3 day event)	Florida LL State Championships	8	15	120	300	\$82,806
August 2021							
8/14	Florida Elite (Cancelled Sunday)	Season Invitational	64	15	960	2400	\$225,197
September 2021							
9/4-9/5	KOS Tournament (Cancelled)	3v3 Soccer Event					
9/18-9/19	GameFace Sports	Flag Football Tourney	28	10	280	700	\$131,365

Total Visitors 25,183
Visitor Spending \$3,138,555

Total Estimated Economic Impact \$3,138,555

Estimated Bed Tax \$156,928

Estimated Sales Tax \$219,699

Assumptions

- 74% of total families were visitors traveling to Palm Coast (NASC Mean)
- #1 Each family stayed two nights at a local hotel (Friday & Saturday)
- #2 Average hotel room rate = \$105/night (no tax)
- #3 Average cost of meals/day/family of 3.5 members = \$192.50/day*
- #4 Average gas purchase = \$40 (1 full tank of gas on arrival day + purchase of 1/2 tank of gas on day of departure**
- #5

*Breakfast=\$10/person; Lunch=\$18/person; Dinner=\$27/person (includes tip but no tax)

**13 gallons x \$3.10/gallon



Date	Event	Tournament Name & Host	# of Teams	Participants per Team	Total Participants	Event Spectators 2.5 x Total Participants	Estimated Economic Impact
October							
10/16-10/17	Florida Elite (one day event)	FCL Event	18	18	324	810	\$ 190,009.80
10/23-10/24	Florida United Lacrosse	Pumpkin Shootout	42	17	714	1785	\$ 837,450.60
November							
11/13-11/14	Florida United Lacrosse	Veterans Day Lacrosse	51	22	1122	2805	\$ 1,315,993.80
11/20-11/21	Florida Elite (CANCELLED)	FCL Event					\$ -
December							
							\$ -
							\$ -
January							
1/2	T2 Sporting Tour (one day event) (CANCELLED)	3v3 Tounament					\$ -
1/15	USA Deaf Basketball (CANCELLED)	3v3 Event					\$ -
1/29-1/30	Florida Elite	Season Kickoff	65	18	1170	2925	\$ 1,372,293.00
Feburary							
2/25-2/27	GameFace Sports (CANCELLED)	Flag Football Tourney					\$ -
March							
3/12-3/13	FCL	State Cup Playoffs	23	18	414	1035	\$ 485,580.60
19-Mar	Area Games Special Olympics Tennis Tournament	Tennis Center/ Special Olympics					\$ -
3/19-3/20	Top Level Youth (CANCELLED)	Baseball Tournament					\$ -
April							
4/1-4/3	FCL	State Cup Playoffs	12	18	216	540	\$ 253,346.40
4/23-4/24	Top Level Youth (CANCELLED)	Baseball Tournament					\$ -
May							
5/8-5/9	FCL	State Cup Playoffs	36	18	648	1620	\$ 760,039.20
June							
6/3-6/5	GameFace Sports (CANCELLED)	Flag Football Event					\$ -
6/11-6/12	Challenge Sports (1-day event)	3v3 Soccer Event	70	6	420	1050	\$ 246,309.00
6/18-6/19	Florida United	Fathers Day Tournament	75	15	1125	2813	\$ 1,319,747.08
6/25-6/26	Florida Flag Football League	State Championships	36	15	540	1350	\$ 633,366.00
July							
							\$ -
							\$ -
August							
8/13-8/14	Florida Elite	Boys Seasonal Invitational	68	18	1224	3060	\$ 1,435,629.60
8/20-8/21	Florida Elite	Girls Seasonal Invitational	57	18	1026	2565	\$ 1,203,395.40
September							
9/24-9/25	Florida Flag Football League (CANCELLED)	Tournament					\$ -
							\$ -

Total Visitors 31,301
Visitor Spending \$10,053,160

Total Estimated Economic Impact \$10,053,160

Estimated Bed Tax \$502,658

Estimated Sales Tax \$703,721

Assumptions

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 - #1 Each family stayed two nights at a local hotel (Friday & Saturday)
 - #2 Average hotel room rate = \$105/night (no tax)
 - #3 Average cost of meals/day/family of 3.5 members = \$192.50/day*
 - #4 Average gas purchase = \$40 (1 full tank of gas on arrival day + purchase of 1/2 tank of gas on day of departure**)
 - #5
- *Breakfast=\$10/person; Lunch=\$18/person; Dinner=\$27/person (includes tip but no tax)
**13 gallons x \$3.10/gallon



Date	Event	Tournament Name & Host	# of Teams	Participants per Team	Total Participants	Event Spectators 2.5 x Total Participants	Estimated Economic Impact
October 2022							
10/22-10/23	Pumpkin Shootout	Florida United	38	13	494	1235	\$ 231,765.04
November 2022							
11/12-11/13	Veterans Day Invitational	Florida United	70	22	1540	3850	\$ 722,506.40
December 2022							
							\$ -
							\$ -
January 2023							
1/6 - 1/8	Youth Flag Football Tournament (CANCELLED)	Winnerz Circle					
1/28 - 1/29	Winter Invitational	Florida Elite	67	16	1072	2680	\$ 502,939.52
							\$ -
February 2023							
2/3 - 2/5	Peak Performance	Peak Performance			65	163	\$ 30,495.40
2/11 - 2/12	State Cup (CANCELLED)	FCL					
							\$ -
March 2023							
3/4 - 3/5	Flag Football Event	FFFL	20	15	300	750	\$ 140,748.00
3/18 - 3/19	Flag Football Event	Weekend Warriors					
April 2023							
4/29 - 4/30	State Cup	FCL	24	15	360	900	\$ 168,897.60
May 2023							
June 2023							
6/17 - 6/18	Father's Day Lacrosse	Florida United	60	20	1200	3000	\$ 562,992.00
6/24 - 6/25	Flag Football State Championships	FFFL	40	15	600	1500	\$ 281,496.00
6/10	3v3 (1 Day Event)	Challenge Sports	80	6	480	1200	\$ 112,598.40
July 2023							
							\$ -
							\$ -
August 2023							
8/18-8/20	Florida Elite	FESA	67	16	1072	2680	\$ 502,939.52
8/25-8/27	Florida Elite	FESA	67	16	1072	2680	\$ 502,939.52
September 2023							
9/23-9/24	ODP/Inter United	Inter United			200	500	\$ 234,580.00
9/9-9/30	ECNL/Florida Elite	FESA			1376	3440	\$ 1,613,910.40

\$ 954,271.44

\$ -

\$ -

\$ 502,939.52

\$ -

\$ 30,495.40

\$ 674,182.92

\$ 140,748.00

Total Visitors 34,409 **Visitor Spending** \$5,608,808

\$ 1,125,984.00

\$ -

\$ -

\$ 502,939.52

\$ 502,939.52

\$ 234,580.00

\$ 1,613,910.40

Total Estimated Economic Impact \$5,608,808

Assumptions

Estimated Bed Tax \$280,440

Estimated Sales Tax \$392,617

- 74% of total families were visitors traveling to Palm Coast (NASC Mean)
 - #1 Each family stayed two nights at a local hotel (Friday & Saturday)
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 - #4 Average gas purchase = \$40 (1 full tank of gas on arrival day + purchase of 1/2 tank of gas on day of departure**)
 - #5
- *Breakfast=\$10/person; Lunch=\$18/person; Dinner=\$27/person (includes tip but no tax)
- **13 gallons x \$3.10/gallon



Date	Event	Tournament Name & Host	# of Teams	Participants per Team	Total Participants	Event Spectators 2.5 x Total Participants	Estimated Economic Impact
October		2023					
LAX	Pumpkin Shootout	Florida United	40	13	520	1300	\$ 243,963.20
ECNL/FESA	Extended weekends 10/1		50	11	550	1375	\$ 258,038.00
November		2023					
Flag Lacrosse	Veterans Day Invitational	Florida United	60	13	780	1950	\$ 365,944.80
ECNL/FESA	Extended weekends 11/18		50	11	550	1375	\$ 258,038.00
ECNL/FESA	Extended weekends 11/19	Florida Elite	50	11	550	1375	\$ 258,038.00
December		2023					
January		2024					
	Winter Invitational	Florida Elite	80	11	880	2200	\$ 412,860.80
February		2024					
March		2024					
April		2024					
May		2024					
June		2024					
	Father's Day Lacrosse	Florida United					
	Flag Football State Championships	FFFL					
	3v3 (1 Day Event)	Challenge Sports					
July		2024					
August		2024					
	Florida Elite	FESA					
	Florida Elite	FESA					
September		2024					
	ODP/Inter United						

Total Visitors 13,405
Visitor Spending \$1,796,883

Total Estimated Economic Impact \$1,796,883

Assumptions	74% of total families were visitors traveling to Palm Coast (NASC Mean)	Estimated Bed Tax	\$89,844
#1	Each family stayed two nights at a local hotel (Friday & Saturday)	Estimated Sales Tax	\$125,782
#2	Average hotel room rate = \$105/night (no tax)		
#3	Average cost of meals/day/family of 3.5 members = \$192.50/day*		
#4	Average gas purchase = \$40 (1 full tank of gas on arrival day + purchase of 1/2 tank of gas on day of departure)**		
#5	*Breakfast=\$10/person; Lunch=\$18/person; Dinner=\$27/person (includes tip but no tax)		
	**13 gallons x \$3.10/gallon		



10-YEAR CAPITAL IMPROVEMENT PLAN

ANNUAL UPDATE



City Council Workshop
March 26, 2024

Our Core Beliefs



OUR VISION

A multigenerational community recognized as one of Florida's premier cities that values:

- Building a diverse, sustainable economic base to support innovation while providing necessary infrastructure and services.
- Providing exceptional amenities and standards that support a high quality lifestyle and promote cultural activities.
- Protecting the environment and beauty of Palm Coast while conserving natural resources.



OUR MISSION

Delivering exceptional service by making citizens our priority.

VALUES

Pride, Accountability, Leadership, Motivated Collaborative, Ownership, Achievement, Stewardship, Trust



Pillars of Priorities



STRONG RESILIENT ECONOMY

Support the expansion and smart growth of both population and businesses to ensure success locally as well as regionally.

Improve financial strengths within the City to promote fiscal responsibility and secure future stability.



SAFE & RELIABLE SERVICES

A safe community for all is the catalyst to ensure that residents and regional visitors experience exceptional quality amenities year-round.

Recruiting and retaining a quality, talented workforce to maintain uninterrupted services to the citizens.



CIVIC ENGAGEMENT

Build a cooperative and trusting relationship between the City and the community.

Promote the opportunity for communication between the decision-makers. Enhance existing channels through which accurate and timely information is disseminated from the City.

Increase the public's understanding and support of the City's goals and strategies.



SUSTAINABLE ENVIRONMENT & INFRASTRUCTURE

Build and effectively manage sustainable infrastructure that promotes clean water, safe streets, and green infrastructure.

Anticipate the need for additional services and infrastructure. Continue to provide opportunities for development. Maintain visual appeal by caring for our land, water, air, and wildlife.



CAPITAL PROJECT FUNDS - Restrictions



Small County Surtax

- 1/2 percent of the 7% sales tax collected in Flagler County
- Committed for construction & improvement of public facilities
- Adopted by Flagler County ordinance and distributed according to state formula; City receives 49.847663% of tax collected
- Began 1/1/2013 and expires 12/31/2032

CAPITAL PROJECTS FUND – STRATEGY

- Existing Facility Rehabilitation and Renovations
- Focus on Critical / Urgent Need Projects
 - Buildings & Parks (AC replacements, painting, carpet replacement, sport fields & lighting improvements, and safety items)
 - IT Infrastructure
- Funding for General Fund Portion of Maintenance and Operations Center
 - Design underway
 - Phase one of construction to be Fleet Facility & associated sitework
- Funding for Non-Impact Fee Share of Park & Fire Impact Fee Fund Projects
 - Provide transfers to allocate funding for non-impact fee share
- Maintain Flexibility
 - Incorporate Projects as Opportunities Arise Such as Grants

CAPITAL PROJECTS FUND – SUMMARY

CAPITAL PROJECTS FUND (expires 12/31/2032)	FY24 Projection	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30-32
<u>Prior Year Carry-over:</u>	18,688,763	15,822,880	8,519,932	3,967,863	3,193,704	1,066,123	1,011,606
<u>Revenues:</u>							
Small County Surtax:	5,182,410	3,857,557	3,973,284	4,092,482	4,215,257	4,341,714	14,806,652
Funding from Sale of City Land:	-	-	-	-	-	-	-
Holland Park - Settlement:	-	-	-	-	-	-	-
Interest:	275,000	-	-	-	-	-	-
Transfers:	2,650,000	9,722,175	5,000,000	4,300,000	1,800,000	-	-
<u>Total Revenues:</u>	8,107,410	13,579,732	9,242,284	8,392,482	6,015,257	4,341,714	14,806,652
Total Available Funds	26,796,173	29,402,612	17,762,215	12,360,345	9,208,961	5,407,838	15,818,258
<u>Expenditures:</u>							
Park Projects - Rehab & Renewal:	900,000	925,000	125,000	175,000	480,000	1,320,000	8,910,000
Path & Trail Projects:	-	-	-	-	-	80,000	1,450,000
IT Capital Projects:	2,009,440	1,225,000	350,000	225,000	200,000	250,000	2,275,000
Other Projects:	30,000	100,000	-	-	-	-	-
City Facility Projects:	4,446,114	15,942,000	12,391,380	8,275,000	7,277,000	125,000	464,000
Fire Station Maintenance	45,475	530,000	-	-	102,000	-	184,000
Transfers:	587,739	2,690,680	927,973	491,641	185,838	2,621,232	200,100
Total Expenditures	10,973,293	20,882,680	13,794,352	9,166,641	8,142,837	4,396,232	15,019,844
Available Funds End of Year	15,822,880	8,519,932	3,967,863	3,193,704	1,066,123	1,011,606	798,414

RECREATION IMPACT FEE - Restrictions

Recreation Impact Fee

- FY20 Impact Fee Study Rate Update was Performed; annual increase per Construction Cost Index as published by Engineering News Record in June of each year.
- Current Rate is \$1,800.99.
- Restricted to growth related projects only; projects that add new capacity, cannot be used for existing system deficiencies.
- Impact Fee can only cover 69.27% of the costs associated with growth related projects; other funding sources must provide the 30.73% balance.

RECREATION IMPACT FEE FUND – STRATEGY

- Utilize the 2023 Countywide Recreation Master Plan as Basis for Establishing Project Priorities
 - Additional access to the water (kayak launches, fishing piers)
 - Developing a new athletic complex
 - Adding additional restrooms: along trails, athletic fields, playgrounds
 - Developing more rectangle and diamond fields
 - Preserving open space, beaches, conservation lands, wildlife, and heritage sites
 - Developing new facilities and amenities: disc golf, bike parks, lighting and shade
 - Developing additional trail connectivity and expanding on current system

PARKS & RECREATION

MASTER
PLAN



RECREATION IMPACT FEE FUND – STRATEGY

- **Complete Grant Funded Projects**

- Long Creek Nature Preserve – Boardwalk & Overlooks (**\$325,000 Grant**)
- Waterfront Park Water Access – Additional Parking (**\$330,880 Grant**)
- Waterfront Park Water Access – Shade Covering (**\$300,000 – Pending**)
- Southern Recreation Center – 5 Additional Clay Tennis Courts (**\$700,000 Grant**)
- Graham Swamp Trail – OKR Trailhead to Lehigh Trail (**\$ 615,698 – Pending**)

- **Focus on Critical Needs**

- Expand Parking at Community Center
- Expand Parking at Indian Trails Sports Complex
- Add Lighting to Baseball / Softball Fields at Indian Trails Sports Complex

- **Satisfy Obligations**

- Long Creek Nature Preserve – Remaining Build-Out

RECREATION IMPACT FEE FUND – SUMMARY

RECREATION IMPACT FEE FUND	FY24 Projection	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30-34	Future
<u>Prior Year Carry-over:</u>	1,375,336	719,147	1,659,314	1,019,430	1,109,547	1,043,613	1,043,613	
<u>Revenues:</u>								
Recreation Impact Fees:	3,016,708	2,695,733	2,777,144	2,861,013	2,947,416	3,036,428	15,179,193	
Grants:	1,104,735	1,060,578	300,000	-	-	-	2,390,500	
Transfers:	1,053,282	761,240	1,527,973	1,229,103	1,336,650	1,382,741	5,630,326	
Total Revenues:	5,224,725	4,517,551	4,605,117	4,090,117	4,284,066	4,419,169	23,200,019	
Total Available Funds	6,600,061	5,236,698	6,264,430	5,109,547	5,393,613	5,462,782	24,243,631	
<u>Expenditures:</u>								
Park Impact Fee Study	-	-	50,000	-	-	-	50,000	
Community Parks:	-	-	-	-	-	-	1,700,000	10,000,000
Resource Based Parks:	909,720	661,100	2,175,000	100,000	500,000	3,200,000	3,100,000	-
Neighborhood Parks:	-	-	-	-	50,000	800,000	5,100,000	1,250,000
Path & Trail Projects:	426,435	684,109	-	-	-	-	2,695,000	2,300,000
Centers:	70,000	150,000	3,020,000	-	-	-	-	12,750,000
Special Use Facilities:	3,324,759	-	-	3,900,000	-	500,000	1,500,000	76,275,000
Transfers:	-	1,982,175	-	-	-	-	-	-
Total Expenditures	5,880,914	3,577,384	5,245,000	4,000,000	4,350,000	4,500,000	17,145,000	108,175,000
Available Funds End of Year	719,147	1,659,314	1,019,430	1,109,547	1,043,613	962,782	7,098,631	