

**PRE-MEETING AGENDA
MOUNTAIN BROOK CITY COUNCIL**

**CITY HALL PRE-COUNCIL ROOM (A106)
56 CHURCH STREET
MOUNTAIN BROOK, AL 35213**

NOVEMBER 13, 2018, 6:15 P.M.

1. Purchase of lights for four athletic fields at the High School athletic complex-Shanda Williams (See attached information. This item may be added to the formal agenda.)
2. Contract with Stone and Sons Electric for installation of new lights at the High School athletic complex-Shanda Williams (See attached information. This item may be added to the formal agenda.)
3. Authorize Nimrod Long and Associates to apply for a Recreational Trails Program grant from the Alabama Dept of Economic and Community Affairs for the Jemison Park renovation project.-Shanda Williams (See attached information. This item may be added to the formal agenda.)
4. Street light request at 3869 Glencoe Drive near Winston Way-Sam Gaston (See attached information.)

Quote

Mountain Brook Sports Complex Fields 3, 4, 6 and 7 – Mountain Brook, AL
October 8, 2018

To: Sam Gaston

Sourcewell (Formerly NJPA)

Master Project: 170558, Contract Number: 082114-msl, Expiration: 09/16/2019

Category: Facility & MRO, Sub-Category: Athletic Field / Court and Parking Lot Lighting Systems

Sales tax, bonding, labor, and unloading of the equipment are not included.

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

Quotation Price – Materials Only Delivered to Job Site

Field 3: Coca Cola \$ 42,920.00

System Description

- (17) Factory aimed and assembled luminaries, including BallTracker™ luminaires
- Factory wired and tested remote electrical component enclosures
- Pole length, factory assembled wire harnesses
- Mounting hardware for poletop luminaire assemblies and electrical components enclosures
- Disconnects
- UL Listed as a system

Field 4: Coke Zero \$ 44,375.00

System Description

- (16) Factory aimed and assembled luminaries, including BallTracker™ luminaires
- Factory wired and tested remote electrical component enclosures
- Pole length, factory assembled wire harnesses
- Mounting hardware for poletop luminaire assemblies and electrical components enclosures
- Disconnects
- UL Listed as a system

Field 6: Sprite \$ 66,500.00

System Description

- (26) Factory aimed and assembled luminaries, including BallTracker™ luminaires
- Factory wired and tested remote electrical component enclosures
- Pole length, factory assembled wire harnesses
- Mounting hardware for poletop luminaire assemblies and electrical components enclosures
- Disconnects
- UL Listed as a system

Field 7: Dasani \$ 60,775.00

System Description

- (25) Factory aimed and assembled luminaries, including BallTracker™ luminaires
- Factory wired and tested remote electrical component enclosures
- Pole length, factory assembled wire harnesses
- Mounting hardware for poletop luminaire assemblies and electrical components enclosures
- Disconnects
- UL Listed as a system

SportsCluster System with Total Light Control – TLC for LED™ technology

Control Systems and Services

- Control-Link® system with contractors for remote on/off control and performance monitoring with 24/7 customer support

Operation and Warranty Services

- Reduction of energy and maintenance costs by 50% to 85% over typical 1500W metal halide equipment
- Product assurance and warranty program that covers materials and onsite labor, eliminating 100% of your



Quote

maintenance costs for 10 years

- Support from Musco's Lighting Services Team – over 170 Team members dedicated to operating and maintaining your lighting system – plus a network of 1800+ contractors

Payment Terms

Musco's Credit Department will provide payment terms.

Upon approval Email a copy of the Purchase Order to Musco Sports Lighting, LLC:

Musco Sports Lighting, LLC
Attn: Jimmy Jumper
Fax: 800-374-6402
Email: Jimmy.Jumper@musco.com

**All purchase orders should note the following:
Sourcewell (Formerly NJPA) purchase – Contract Number: 082114-MSL**

Delivery Timing

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

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

Notes

Quote is based on:

- Shipment of entire project together to one location.
- Structural code and wind speed = 2009 IBC, 90MPH, Importance Factor 1.0.
- Owner is responsible for getting electrical power to the site, coordination with the utility, and any power company fees.
- Standard soil conditions – rock, bottomless, wet or unsuitable soil may require additional engineering, special installation methods and additional cost.
- Confirmation of pole locations prior to production.
- Product assurance and warranty program is contingent upon site review and compatibility with Musco's lighting system
- The owner of the field is responsible for the structural integrity of the existing poles [Sports Cluster only].

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

Jimmy Jumper
Field Sales Representative
Musco Sports Lighting, LLC
Phone: 256-483-5433
E-mail: jimmy.jumper





Ronald L. Jones
Chief Examiner

Mailing Address:
P.O. Box 302251
Montgomery, AL 36130-2251

State of Alabama
Department of
Examiners of Public Accounts

Telephone (334) 242-9200
FAX (334) 242-1775

March 29, 2012

Location:
Gordon Persons Building
50 North Ripley Street, Room 3201
Montgomery, AL 36104-3833

To: Alabama Municipalities
Alabama County Commissions
Alabama Community College System
Other Entities subject to the *Code of Alabama 1975*, Section 41-16-50

The Alabama Legislature passed Act No. 2011-530 (the "Act") allowing governmental entities to purchase items through certain purchasing cooperatives. Portions of the Act applicable to purchasing cooperatives have been codified in the *Code of Alabama 1975*, Section 41-16-51. Among other things, the Act provides that the purchases may be made if the goods being purchased are available as a result of a competitive bid process conducted by a governmental entity and approved by the Alabama Department of Examiners of Public Accounts ("EPA").

In order to receive this approval, the governmental entity wishing to purchase from one of the cooperative programs not already approved and posted on the EPA website should send a letter to EPA requesting approval. *The letter should reference the cooperative program and the type of items to be purchased.* The EPA will then review the cooperative program's purchasing procedures and determine whether it is approved. It should be noted that there are other provisions with which the governmental entity wishing to make purchases utilizing a purchasing cooperative should also comply. These additional provisions are contained in the *Code of Alabama 1975* Section 41-16-51.

These provisions do not currently apply to State Public Four-Year Universities or City and County Boards of Education within the State of Alabama.

Sincerely,

Ronald L. Jones
CHIEF EXAMINER

RLJ/SR



Alabama Department of **EXAMINERS OF PUBLIC ACCOUNTS**

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Purchasing Cooperatives

[Cooperative Approval Procedures - General](#)

[Cooperative Approval Procedures - BOEs](#)

[U.S. Communities](#)

[TCPN Cooperative - General](#)

[TCPN Cooperative - BOEs](#)

[National IPA Cooperative - General](#)

[National IPA Cooperative - BOEs](#)

[NJPA Cooperative - General](#)

[NJPA Cooperative - BOEs](#)

[H-GAC Cooperatives - General](#)

[H-GAC Cooperatives - BOEs](#)

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[Top](#)

Sam Gaston

From: Jimmy Jumper
Sent: Tuesday, October 09, 2018 4:17 PM
To: gastons@mtnbrook.org
Cc: williamssh@mtnbrook.org
Subject: Fwd: Mountain Brook Lighting Upgrade
Attachments: State Of Alabama Legislation Approving Purchasing Cooperatives.pdf; State Of Alabama Approved Purchasing Cooperatives List.pdf; Mountain Brook Revised Lighting Sourcewell Direct Purchase quote 10-8-18.pdf

Mr. Gaston:

Good afternoon. It has been some time since we spoke so I hope all is well with you. I am emailing you as I received a call this afternoon from Mr. Shea about upgrading the lighting on fields 3, 4, 6, and 7 at your Mountain Brook youth athletic fields. I know you all have been discussing this for some time. But, In talking with Mr. Shea today he stated that in his conversations with you today it was stated that the City would have to bid the lighting materials out. I certainly understand that and the bid laws which would require this item to be publicly bid.

However, I did mention to Mr. Shea there is another option that would allow the City of Mountain Brook to purchase the lighting materials direct. As you know in Alabama the State of Legislature has passed legislation that allows cities to purchase materials direct under one of the State of Alabama Approved Purchasing Cooperatives.(See attached Legislative Act)

Upon approving this legislation the State of Alabama approved approximately 10 Purchasing Cooperatives.(See attached list of Approved Cooperatives) Each of these cooperatives sent out specifications, for vendors to supply materials which were approved by the state. Two of these cooperatives, US Communities and NJPA which has changed its name to Sourcewell, sell sports lighting. For both of these cooperatives Musco was selected as the approved sports lighting vendor.

So, if the City wanted they could using one of these cooperatives to purchase our Musco Sports Lighting direct and be within the bids laws of The state of Alabama. In fact most cites now use these cooperatives to purchase our lighting instead of going through the bid process. Neighboring cites such as Homewood, Hoover, Pelham, Springville, Alabaster and many others have upgraded there lighting and purchased our lighting direct under the NJPA/Sourcewell Purchasing Cooperative. I hope you will realize that with so many cities purchasing our Musco Lighting direct there is a reason why they are doing this instead of bidding out the sports lighting.

Using this cooperative expedites the process and allows cities to get the lighting they want. In fact the quote I prepared for your lighting upgrades(See attached Quote) was based on the City of Mountain Brook purchasing the lighting direct under the NJPA/Sourcewell cooperative. I knew outside of Mr. Shea purchasing the lighting direct this would be the only way the City of Mountain Brook could do this. Thus, as stated that is why I prepared our quote under the Sourcewell Purchasing Cooperative.

I also understand that even though the City of Mountain Brook could purchase the lighting direct the legislative act does not allow for the install to be included or purchased direct. However, most other cities are either doing a self install, paying for the install with private funding, or if the install is under \$50,000 dollars it could be considered a public works project and thus the install can move forward without having to go through the bid process. I know cities who have done small projects have done this if the install under the \$50,000 threshold. Or if none of this works cities are buying our materials direct and only bidding the install. Also, as for the install I think Mr. Shea is willing to help with the install cost but I will let you and him discuss that.

So, as for the install I am not sure if any of the above mentioned options, outside of bidding the install, would work for your application. I will let you and Mr. Shea discuss this further to see if there are any options that might work on getting the install completed.

In closing upon your review of this info I certainly hope the City will explore purchasing our Musco lighting direct under the Sourcewell Purchasing Cooperative. This is a great program and as stated is how most cities are buying their lighting. As you know the sports field lighting is a critical part of any complex and most cities do NOT want to leave the decision of whose sports lighting they get in the hands of a contractor under a public bid application.

As always thanks for your time and if you have any questions I would be glad to discuss this further with you. Or, I would really enjoy the opportunity to sit down in person and discuss this further with you. There are some key items I would really like to discuss with you that I think would be very helpful.

Thanks so much for your time.

Sincerely,
Jimmy Jumper
Musco Sports Lighting
256-483-5433



Stone & Sons

Electrical Contractors, Inc.

October 29, 2018

Shanda Williams
Mountain Brook Parks and Recreation

RE: Mountain Brook Sports Complex

We are pleased to offer you the following quotation for the installation of the City furnished Musco lighting package. This quote meets the specifications outlined in the bid documents.

- Furnish labor, equipment, and miscellaneous materials to install Musco retrofit lighting packages on fields 3, 4, 6, and 7.
- Demo existing control panels and install Musco lighting control panels.

Total Price: \$49,500.00

Thank you for this opportunity. Feel free to contact with any questions regarding this quotation.

Sincerely,



Brody Stone

CONTRACTOR AGREEMENT

Stone and Sons Electrical Contractors, Inc. (hereinafter the "Contractor") enters this Contractor Agreement ("Agreement") with the **City of Mountain Brook, Alabama**, a municipal corporation ("City"), effective as of the date last executed by a party below (the "Effective Date"). Contractor and City may be individually referenced herein as "Party" or collectively as "Parties."

1. **Project.** Unless otherwise stated on the attached Exhibit A - Specifications (which is incorporated by reference), Contractor, at its expense, will furnish all the labor, materials, supplies, supervision, and equipment needed to perform the work, services and operations (collectively, the "Work") on the understated project (the Project")

Name of Project: Install Musco LED Lights on Fields 3, 4, 6, and 7

Site of Project: Mountain Brook Athletic Complex
3650 Bethune Drive
Mountain Brook, AL 35223

2. **Scope of Work.** See Exhibit A (which includes the City Scope of Work and October 29, 2018 Contractor Proposal) that is attached and incorporated herein.

3. **Undertaking of Parties.** Contractor agrees to perform the Work in accordance with the terms, conditions and specification in this Agreement and on Exhibit A. City agrees to compensate Contractor and perform its other responsibilities set forth in the Contract Documents.

4. **Term/Termination.** The term of this Agreement shall commence on the Effective Date and thereafter continue in effect up to five (5) months (the "Term"). The period in which Contractor will complete the Project is set forth on Exhibit A.

Notwithstanding the provision immediately above or any other language herein, City may terminate this Agreement before the expiration of its Term at the time designated in a written notice to Contractor if each of the following have occurred: (a) Contractor has defaulted on a material obligation to the City hereunder (a "Default"); and (b) following the City's provision of written notice of Default to Contractor, the Contractor fails to correct or remedy that Default within fifteen (15) days after receipt of that notice. The failure of the Contractor to timely perform the Work shall be considered an event of Default. This remedy is in addition to any other provided in the Agreement or available to City under law or in equity.

5. **Contract Price/Invoice/Certification.** Unless otherwise stated in the Special Conditions on Exhibit A or agreed in a writing signed by the Parties, City will pay Contractor the lump sum amount of Forty-nine thousand five hundred dollars (\$49,500.00) as compensation for performing the Work (the "Contract Price"). Unless agreed in a writing or amendment to this Agreement that is signed by duly authorized

representatives of both Parties, the total amount payable to the Contractor for the Work shall not exceed the Contract Price.

The City will pay the Contract Price on this Project as follows:

- (a) Fifteen percent (15%) of the Contract Price within five days after execution of Agreement; and
- (b) The Balance of the Contract Price after the following certification of completion of Work.

Within ten (10) days following the successful completion of the Project, Contractor will submit to City Project Representative an invoice for the Contract Price (as adjusted by any mutually agreed change orders signed by both parties). With such invoice Contractor shall submit records reasonably supporting its payment. Within five (5) days following receipt of that invoice, City Project Representative will review same, consult with Contractor and make any mutually agreed modifications to it, certify that the invoice is due to be paid, and forward that certified invoice to the City Clerk. The City Clerk will remit to the Contractor the amount certified for payment within twenty (20) days after it receives that certification.

6. Warranties of Contractor. The Contractor warrants each of the following with respect to its Work:

- (a) that it expeditiously will perform its Work in a good and workmanlike manner that is consistent with level of skill and care that would be provided by other contractors performing operations under the same or similar conditions, and in accordance with the Project schedule;
- (b) that it, and all of its employees or any subcontractors (if authorized), will complete the Work in compliance with all codes, laws and regulations that are applicable to the Project;
- (c) that before commencing the Work, at its own expense, the Contractor will obtain all licenses, permits or other governmental authorizations needed to complete the Project, including without limitation, a business license and building permit issued by the City (collectively, "Licensing"). Contractor further agrees to maintain that Licensing throughout the performance of the Project;
- (d) that it has inspected the Site and any other locations at which it will perform the Work, and, based on that inspection and its expertise, that it has determined that each of those locations is reasonably suitable for Contractor to complete the Work;
- (e) that the Contractor shall be responsible to remove and properly dispose of any debris related to its completion of the Project, and that it will

leave each location where the Work is performed in reasonably clean condition;

- (f) that the Work will be free of any material defects in workmanship and materials for a period of one (1) year that shall commence on the date of completion of the Project; and
- (g) that all actions required to be taken by or on behalf of the Contractor to enter or execute this Agreement, and to perform its obligations and agreements hereunder, have been duly taken, and the person signing below on behalf of Contractor is authorized to execute this Agreement.

7. Insurance/Safety/Indemnification.

(a) Insurance. For the duration of this Agreement and for limits not less than stated below, Contractor, at its sole expense, shall maintain the following insurance with a company(ies) lawfully authorized to do business in Alabama and reasonably acceptable to City:

(i) Comprehensive General Liability: Seven Hundred Fifty Thousand Dollars (\$750,000.00), combined single limit and aggregate for bodily injury and property damage. This Comprehensive General Liability policy shall include coverage for premises/operations, products/completed operations, assumed contractual obligations, independent contractors, and broad form property damage;

(ii) Automobile Liability: Automobile Liability covering owned and rented vehicles operated with policy limits of not less than Seven Hundred Fifty Thousand Dollars (\$750,000.00) combined single limit and aggregate for bodily injury and property damage;

(iii) Workers Compensation/Employer's Liability: Workers' Compensation as required by statute and Employer's Liability with limits of Five Hundred Thousand Dollars (\$500,000) per occurrence.

The Contractor may satisfy its insurance obligations hereunder through a combination of primary, umbrella and excess policies. Before the execution of this Agreement, the Contractor shall provide City a certificate(s) of insurance evidencing compliance with the requirements in this section. The certificate shall name City as an additional insured on the Comprehensive General Liability, Automobile Liability, and any applicable umbrella and excess policies.

(b). Safety. Contractor agrees that it (a) has the sole responsibility to identify any condition or hazard at the Site or other locations on City property that will prevent it from safely performing the Work, and (b) is exclusively responsible for performing the Work in a safe manner that does not put at risk the safety of persons or endanger property. Contractor shall take all reasonable precautions for the safety of, and shall provide all

reasonable protection to prevent damage, injury or loss to: (i) its employees and all other persons who may be affected by the Work; (ii) all the Work and all materials and equipment to be incorporated therein, whether in storage on or off the Site, or under the care, custody or control of the Contractor or any of its representatives; and (iii) other property at the Work Site or adjacent thereto.

(c). Indemnification. Contractor agrees to defend, indemnify, and hold harmless City and its agents, employees and officials (hereinafter collectively, the "Indemnitees") from and against all demands, actions, liabilities, expenses (including reasonable attorney's fees) or claims for damages by any third parties (including any employee, subcontractor or representative of the Contractor, hereafter a "Contractor Representative") that arise out of, relate to or are caused by any negligent act, omission or conduct by Contractor or any Contractor Representative in performing or failing to perform the Work or its (or their) responsibilities under this Agreement; provided that nothing herein shall obligate the Contractor to indemnify any of the Indemnitees for any claims resulting from the negligent conduct or the willful misconduct of the Indemnitees.

(d). Limitation of Liability. In no event may Contractor recover from the City any special, incidental, consequential or any other indirect damages whatsoever of any description (including, without limitation, damages for lost profits, lost advantage, lost opportunity, loss of savings or revenues or for increased cost of operations) or amount arising from the City's breach of its obligations hereunder.

8. Project Representative. Each Party shall appoint and indicate on Exhibit A its representative who shall coordinate with the other Party on all matters related to the performance of the Work and the administration of this Agreement (the "Project Representative"). Any notice required hereunder shall be sufficiently given when sent to the appropriate Project Representative via United States certified mail, return receipt requested, or via overnight courier with receipt verification to the address set forth herein, or by personally delivering such notice to the party to be in receipt thereof.

9. Miscellaneous Provisions.

a. This Agreement which is comprised of this instrument, the City Scope of Work and the October 29, 2018 Contractor Proposal (collectively, the "Contract Documents") sets forth the entire understanding between the Parties concerning the matters herein, and all oral representations, prior negotiations, understandings, agreements, conditions, and terms discussed between them prior to acceptance and signing of this Agreement are deemed to have merged herein.

b. This Agreement may be executed in counterparts each of which when executed by the parties shall be deemed to be a complete original. An electronic or facsimile copy of the executed contract or counterpart shall be deemed, and shall have the same legal force and effect as, an original document.

c. Any forbearance or delay on the part of City in enforcing any of its rights under this Agreement shall not be construed as a waiver of such rights. No terms of this Agreement shall be waived unless expressly waived in writing.

d. Contractor may not assign its rights, obligations or the benefits of this Agreement to any third party without the written consent of City, which consent may be withheld for any reason.

e. This Agreement is made only for the benefit of the Parties. It is not intended, nor shall it be construed, to grant or bestow any benefit, right or privilege to any third party.

f. Contractor is an independent contractor of City. This Agreement does not create any partnership, joint venture or principal-agent relationship between the Parties. Further, City retains no control or authority with respect to its means and methods in which Contractor (or any of its employees or representatives) performs the Work.

h. **Immigration Law Compliance.** Contractor represents and warrants to the City that: (i) it does not knowingly employ, hire for employment, or continue to employ, in Alabama, an “unauthorized alien,” as defined by the Beason-Hammon Alabama Taxpayer and Citizen Protection Act, §31-13-1, *et seq.*, Code of Alabama 1975, as amended (the “Act”); (ii) it will enroll in the E-Verify program prior to performing any work on the Project in Alabama and shall provide documentation establishing that it is enrolled in the E-Verify program. During the performance of this Agreement, the Contractor shall participate in the E-Verify program as required under the terms of the Act and shall verify every employee in Alabama that is required to be verified according to the applicable federal rules and regulations; (iii) it will comply with all applicable provisions of the Act with respect to subcontractors, if any, that it engages on the Project by entering into an agreement with or by obtaining an affidavit from such subcontractors providing work on the Project in Alabama that such subcontractors are in compliance with the Act with respect to their participation in the E-verify program. Contractor further represents and warrants that it shall not hire, retain or contract with any subcontractor to work on the Project in Alabama which it knows is not in compliance with the Act; and (iv) by signing this Agreement, it affirms, for the duration of the Agreement, that it will not violate federal immigration law or knowingly employ, hire for employment, or continue to employ an unauthorized alien within the State of Alabama. Furthermore, if Contractor is found to be in violation of this provision, it shall be deemed in breach of the Agreement and shall be responsible for all damages resulting therefrom.

i. **Amendment.** Neither this Agreement nor any of the provisions herein (including, without limitation, those concerning the Scope, Project Schedule and Contract Price) may be amended or modified except in accordance with the terms of a written instrument (or change order) signed by both Parties.

j. **Delayed Performance/Force Majeure Events.** Neither Party shall be liable to the other for any failure to perform its respective obligations (including payment obligations)

under this Agreement during any period in which its performance is delayed by circumstances beyond its reasonable control, such as fire, flood, war, embargo, strike, riot, or the intervention of any governmental authority (a "Force Majeure Event"). However, the delayed Party must promptly provide the other with written notice of the Force Majeure Event, the delayed Party's time for performance will be excused only for the duration of that Event, and, if that Event lasts longer than 30 days, then the other Party may immediately terminate, in whole or in part, this Agreement by giving written notice to the delayed Party.

k. This Agreement shall be governed by, and construed in accordance with, the laws of the State of Alabama.

(Signature Page Follows)

Whereas, the undersigned, duly authorized representatives of the Parties execute this Agreement on behalf of their respective organization on the date(s) shown below.

CITY OF MOUNTAIN BROOK, ALABAMA

By: _____

Its: Mayor

Date: _____

STONE AND SONS ELECTRICAL CONTRACTORS, INC.

By: _____

Its: _____

Date: _____

EXHIBIT A – SPECIFICATIONS

1. Scope of Work.

See attached City Scope of Work and October 29, 2018 Contractor Proposal

If Contractor desires or is required to perform services on the Project that fall outside the Scope (“Additional Operations”), the Contractor shall advise the City Project Representative of the need for Additional Operations before undertaking those services, the parties shall reach agreement on the expense of any Additional Operations and the City Project Representative shall approve any such Additional Operations before the Contractor performs same.

2. Project Schedule. Weather permitting, Contractor expects to complete the Work within an approximate 12 week period after execution of the Agreement and the City provides it a Notice to Proceed.

3. Project Representatives.

City Project Representative:
Shanda Williams
3698 Bethune Drive
Birmingham, AL 35223
Email: williamssh@mtnbrook.org
Day Tel #: 205-802-3879

Contractor Project Representative:
Brody Stone
2530 Queenstown Road
Birmingham, AL 35210
Email: bstone@stoneandsons.com
Day Tel #: 205-833-8494

4. Special Conditions.

Mountain Brook Fields 3, 4, 6, and 7 Relight Install Request

To: Electrical Contractors

From: Shanda Williams, City of Mountain Brook

Re: Scope of Work info for Lighting Upgrades on Fields 3, 4, 6, 7 at Mountain Brook Sports Complex

The City of Mountain Brook is seeking Proposals to upgrade the lighting as stated for fields, 3, 4, 6, and 7 at the Mountain Brook Sports Complex (3650 Bethune Drive). The lighting equipment to be installed will be Musco and will be owner furnished.

The Scope of work is as follows:

To demo all lights as indicated for each field below. The demo shall include taking all fixtures down, taking cages down, and storing them on site as outlined by the owner. All existing electrical wiring will remain as it is the intent of the owner to reuse all existing wiring.

In addition to the demo of the fixtures the contractor shall remove all existing contactors in the electrical room and install two new Musco Control Cabinets which will have all new contactors included. Furthermore, the contractor shall demo all existing remote switches located outside the North East wall of the electrical room and install new Musco Remote switches for all fields.

Also, the contractor shall include in his proposal the cost to accept delivery of equipment from Musco to retrofit the existing Concrete poles with Musco LED Fixtures for each field as outlined below. Plus, the contractor shall include in his proposal the cost to install driver enclosures, approximately 12 feet above grade, on each pole as well as uplights per the recommended height from Musco. All driver enclosures can be strapped onto the pole.

Any damage to fields must be repaired to leave the fields/site in the same condition as it was found upon starting work. Plywood or other ground protection must be used under heavy vehicles.

Field 3—Coca Cola Field

The field has 17 total HID fixtures and we are going to replace these with 17 LED fixtures. There will be 13 fixtures at the top of the poles and 4 uplights fixtures located approximately 30 feet above grade on the A poles and 15 feet above grade on the C poles.

Field 4—Coke Zero Field

This field has 16 HID fixtures and we are going to replace these with 16 LED fixtures. There will be 12 fixtures at the top of the poles and four up lights. The uplights will be located at 30 feet on the A poles and 15 feet on the B poles.

Field 6---Sprite Field

This field has 26 HID fixtures and we are going back with 26 LED fixtures. This field has 6 poles. There will be 20 fixtures at the top of the poles and 6 uplights, one on each pole. The uplights on the A poles will be mounted at 30 feet and the B and C pole uplights will be mounted at 15 feet.

Field 7---Dasani Field

This field has 25 HID fixtures and we are going back with 25 LED fixtures. The field has six poles. There will be 19 fixtures at the top of the poles and 6 uplight fixtures. The uplight fixtures on the A poles will be at 30 feet and the uplight fixtures on the B and C poles will be at 15 feet.

In summary this is a one for one swap so we will be taking down 84 HID fixtures and installing 84 new Owner Furnished Musco LED fixtures on four fields. Also, as stated all cages are coming down and will not be re-installed.

Work could begin as early as mid December.

All work will need to be completed by the week of February 10, 2019.

An on-site meeting with the Musco representative is scheduled for Tuesday, October 23, 2018 at 10 am at the entrance of the complex by Field 3. Other site visits without the Musco representative can be arranged. Field 5 has already been completed so it can be viewed as an example of what we want for the other fields.

Please return your quote by Tuesday, October 30 at 10 am. You may submit it by email to the contact below.

If you have questions or want to schedule a different site visit please contact:

Shanda Williams
Mountain Brook Parks and Recreation
205-802-3879
williamssh@mtnbrook.org

Site Map: E is the electrical room





Control System Summary

Project Specific Notes:

Project Information

Project #: 174786
 Project Name: Mountain Brook Sports Complex Retrofit
 Date: 10/22/18
 Project Engineer: BVerStee
 Sales Representative: Jimmy Jumper
 Control System Type: Control and Monitoring
 Communication Type: Digital Cellular
 Scan: 174786BR1
 Document ID: 174786P1V1-1022160135
 Distribution Panel Location or ID: Service 1
 Total # of Distribution Panel Locations for Project: 1
 Design Voltage/Hertz/Phase: 480/60/3
 Control Voltage: 120

Equipment Listing

DESCRIPTION	APPROXIMATE SIZE
1. Control and Monitoring Cabinet	24 X 72
2. Manual Switch Cabinet	16 X 16
3. Control and Monitoring Cabinet	24 X 72
4. Control and Monitoring Cabinet	24 X 48

	QTY	SIZE
Total Contactors	26	30 AMP
Total Off/On/Auto Switches:	5	

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

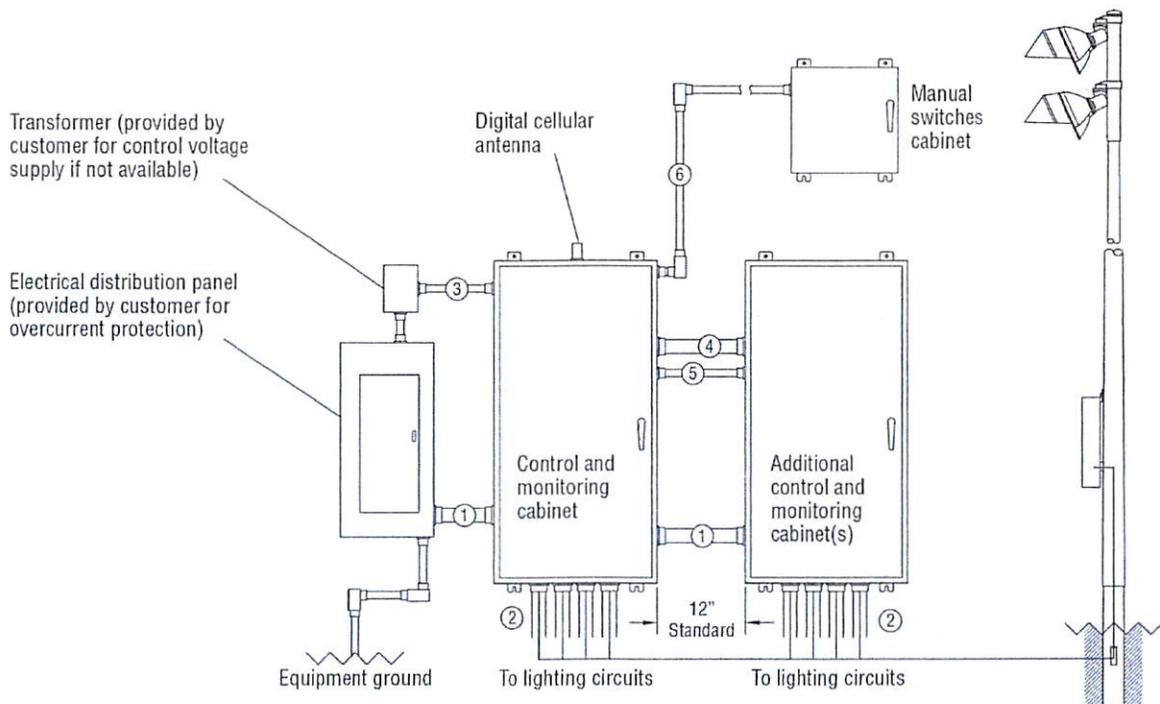
Call Control-Link Central™ operations center at 877/347-3319 to schedule activation of the control system upon completion of the installation.
 Note: Activation may take up to 1 1/2 hours

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 - D, F
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
4	Control harnesses	Note E	--	8*	Yes*	C, D, E
5	Communication cable (RS - 485)	1	--	8*	Yes*	C, D
6	Control harnesses to manual switches	Note G	12	300	No	C, D, G

R60-35-00_C

- Notes:
- A. Voltage and phasing per the notes on cover page.
 - B. Calculate per load and voltage drop.
 - C. Minimum conduit diameter.
 - a. Wire 4 requires 2" (for connector ends to pass through).
 - b. Wire 5 requires 1" (for connector ends to pass through).
 - c. All other 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. Number of wires = 6 power wires + 2 wires per zone (see circuit summary by zone chart for the number of zones).
 - F. Contact Musco if maximum wire length from circuit breaker to contactor exceeds value in chart.
 - G. Number of wires = 3 power wires + 3 wires per zone (see circuit summary by zone chart for the number of zones).

IMPORTANT: Communication wire (5) must be in separate conduit from any AC power wiring (1, 2, 3, 4, 6). Control (3, 4, 6) wires must be in separate conduit from line and load power wiring (1, 2).

*Musco supplied wire harnesses are provided in standard 8-foot lengths.



Control System Summary

Mountain Brook Sports Complex Retrofit / 174786 - 174786BR1
Service 1 - Page 3 of 5

SWITCHING SCHEDULE

Field/Zone Description	Zones
Field 5	1
Field 7	2
Field 6	3
Field 3	4
Field 4	5

CONTROL POWER CONSUMPTION	
120V Single Phase	
VA loading of Musco Supplied Equipment	INRUSH: 6988.0 SEALED: 796.8

CIRCUIT SUMMARY BY ZONE

POLE	CIRCUIT DESCRIPTION	# OF FIXTURES	# OF DRIVERS	*FULL LOAD AMPS	CONTACTOR SIZE (AMPS)	CONTACTOR ID	ZONE
A7	Field 5	3	3	5.1	30	C1	1
A8	Field 5	3	3	5.1	30	C2	1
B1	Field 5	5	5	8.9	30	C3	1
B8	Field 5	5	5	8.9	30	C4	1
C1	Field 5	5	5	7.5	30	C5	1
C2	Field 5	5	5	7.5	30	C6	1
A4	Field 7	3	3	5.1	30	C7	2
A5	Field 7	3	3	5.1	30	C8	2
B3	Field 7	5	5	8.9	30	C9	2
B4	Field 7	5	5	8.9	30	C10	2
C5	Field 7	5	5	7.5	30	C11	2
C6	Field 7	5	5	7.5	30	C12	2
A2	Field 6	3	3	5.1	30	C13	3
A3	Field 6	3	3	5.1	30	C14	3
B2	Field 6	5	5	8.9	30	C15	3
B3	Field 6	5	5	8.9	30	C16	3
C3	Field 6	5	5	7.5	30	C17	3
C4	Field 6	5	5	7.5	30	C18	3
A1	Field 3	4	4	6.3	30	C19	4
A6	Field 3	4	4	6.3	30	C20	4
B5	Field 3	5	5	7.5	30	C21	4
B6	Field 3	5	5	7.5	30	C22	4
A3	Field 4	4	4	6.3	30	C23	5
A4	Field 4	5	5	7.5	30	C24	5
A6	Field 4	4	4	6.3	30	C25	5
B7	Field 4	5	5	7.5	30	C26	5

*Full Load Amps based on amps per driver.



Control System Summary

Mountain Brook Sports Complex Retrofit / 174786 - 174786BR1
Service 1 - Page 4 of 5

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 A7	5.13		
1	1	C2	Pole A8	5.13		
1	1	C3	Pole B1	8.89		
1	1	C4	Pole B8	8.89		
1	1	C5	Pole C1	7.52		
1	1	C6	Pole C2	7.52		
1	1	C7	Pole A4	5.13		
1	1	C8	Pole A5	5.13		
1	1	C9	Pole B3	8.89		
1	1	C10	Pole B4	8.89		
1	1	C11	Pole C5	7.52		
1	1	C12	Pole C6	7.52		
3	1	C13	Pole A2	5.13		
3	1	C14	Pole A3	5.13		
3	1	C15	Pole B2	8.89		
3	1	C16	Pole B3	8.89		
3	1	C17	Pole C3	7.52		
3	1	C18	Pole C4	7.52		
3	1	C19	Pole A1	6.32		
3	1	C20	Pole A6	6.32		
3	1	C21	Pole B5	7.52		
3	1	C22	Pole B6	7.52		
3	1	C23	Pole A3	6.32		
3	1	C24	Pole A4	7.52		
4	1	C25	Pole A6	6.32		
4	1	C26	Pole B7	7.52		

ZONE SCHEDULE				
ZONE	SELECTOR SWITCH	ZONE DESCRIPTION	CIRCUIT DESCRIPTION	
			POLE ID	CONTACTOR ID
Zone 1	1	Field 5	A7	C1
			A8	C2
			B1	C3
			B8	C4
			C1	C5
			C2	C6
Zone 2	2	Field 7	A4	C7
			A5	C8
			B3	C9
			B4	C10
			C5	C11
			C6	C12
Zone 3	3	Field 6	A2	C13
			A3	C14
			B2	C15

CONTINUED ON NEXT PAGE



Control System Summary

Mountain Brook Sports Complex Retrofit / 174786 - 174786BR1
Service 1 - Page 5 of 5

ZONE SCHEDULE				
ZONE	SELECTOR SWITCH	ZONE DESCRIPTION	CIRCUIT DESCRIPTION	
			POLE ID	CONTACTOR ID
Zone 3	3	Field 6	B3	C16
			C3	C17
			C4	C18
Zone 4	4	Field 3	A1	C19
			A6	C20
			B5	C21
			B6	C22
Zone 5	5	Field 4	A3	C23
			A4	C24
			A6	C25
			B7	C26

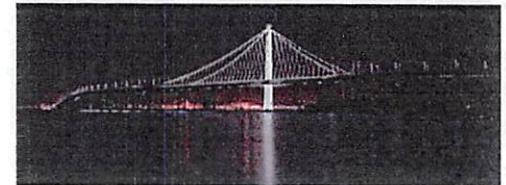
Mountain Brook Sports Complex Retrofit

Mountain Brook, AL

Lighting System

Pole / Fixture Summary						
Pole ID	Pole Height	Mtg Height	Fixture Qty	Luminaire Type	Load	Circuit
A1	50'	30'	1	TLC-BT-575	0.58 kW	D
		50'	3	TLC-LED-1150	3.45 kW	D
A2	50'	50'	3	TLC-LED-1150	3.45 kW	C
		30'	1	TLC-BT-575	0.58 kW	E
A3	50'	50'	3	TLC-LED-1150	3.45 kW	C
		50'	3	TLC-LED-1150	3.45 kW	E
		15'	2	TLC-BT-575	1.15 kW	E
A4	50'	50'	3	TLC-LED-1150	3.45 kW	B
		50'	3	TLC-LED-1150	3.45 kW	E
		50'	3	TLC-LED-1150	3.45 kW	E
A5	50'	50'	3	TLC-LED-1150	3.45 kW	B
A6	50'	30'	1	TLC-BT-575	0.58 kW	D
		30'	1	TLC-BT-575	0.58 kW	E
		50'	3	TLC-LED-1150	3.45 kW	D
		50'	3	TLC-LED-1150	3.45 kW	E
		15'	1	TLC-BT-575	0.58 kW	C
		50'	4	TLC-LED-1150	4.60 kW	C
B2	50'	15'	1	TLC-BT-575	0.58 kW	C
		50'	4	TLC-LED-1150	4.60 kW	C
B3	50'	15'	1	TLC-BT-575	0.58 kW	B
		15'	1	TLC-BT-575	0.58 kW	C
		50'	4	TLC-LED-1150	4.60 kW	B
		50'	4	TLC-LED-1150	4.60 kW	C
B4	50'	15'	1	TLC-BT-575	0.58 kW	B
		50'	4	TLC-LED-1150	4.60 kW	B
B5-B6	50'	15'	2	TLC-BT-575	1.15 kW	D
		50'	3	TLC-LED-1150	3.45 kW	D
B7	50'	15'	2	TLC-BT-575	1.15 kW	E
		50'	3	TLC-LED-1150	3.45 kW	E
C3-C4	50'	15'	2	TLC-BT-575	1.15 kW	C
		50'	3	TLC-LED-1150	3.45 kW	C
C5-C6	50'	15'	2	TLC-BT-575	1.15 kW	B
		50'	3	TLC-LED-1150	3.45 kW	B
16			88		87.40 kW	

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Mountain Brook Sports Complex Retrofit

Mountain Brook, AL

Circuit Summary

Circuit	Description	Load	Fixture Qty
B	Field 7	26.45 kW	26
C	Field 6	26.45 kW	26
D	Field 3	17.25 kW	18
E	Field 4	17.25 kW	18

Fixture Type Summary

Type	Source	Wattage	Lumens	L90	L80	L70	Quantity
TLC-LED-1150	LED 5700K - 75 CRI	1150W	121,000	>81,000	>81,000	>81,000	64
TLC-BT-575	LED 5700K - 75 CRI	575W	52,000	>81,000	>81,000	>81,000	24

Light Level Summary

Calculation Grid Summary

Grid Name	Calculation Metric	Illumination					Circuits	Fixture Qty
		Ave	Min	Max	Max/Min	Ave/Min		
Field 3 (Infield)	Horizontal Illuminance	51.9	35.6	69.3	1.95	1.46	D	18
Field 3 (Outfield)	Horizontal Illuminance	40.5	25.1	57.4	2.28	1.61	D	18
Field 4 (Infield)	Horizontal Illuminance	50.3	36.9	68.9	1.87	1.36	E	18
Field 4 (Outfield)	Horizontal Illuminance	42.6	29.2	52.4	1.80	1.46	E	18
Field 6 (Infield)	Horizontal Illuminance	52.5	36.3	68.5	1.88	1.45	C	26
Field 6 (Outfield)	Horizontal Illuminance	39.6	23.9	51.2	2.14	1.65	C	26
Field 7 (Infield)	Horizontal Illuminance	58.2	39.8	67.1	1.68	1.46	B	26
Field 7 (Outfield)	Horizontal Illuminance	38.3	25.4	56.7	2.23	1.51	B	26

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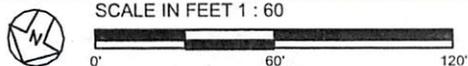
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PROJECT SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A4	50'	-	15'	TLC-BT-575	2	0	2
				50'	TLC-LED-1150	3/3*	3	3
1	A5	50'	-	50'	TLC-LED-1150	3	3	0
1	B3	50'	-	15'	TLC-BT-575	1/1*	1	1
				50'	TLC-LED-1150	4/4*	4	4
1	B4	50'	-	15'	TLC-BT-575	1	1	0
				50'	TLC-LED-1150	4	4	0
2	C5-C6	50'	-	15'	TLC-BT-575	2	2	0
				50'	TLC-LED-1150	3	3	0
6	TOTALS					36	26	10

* This structure utilizes a back-to-back mounting configuration



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

ENGINEERED DESIGN By: Brad Ver Steegh • File #174786B • 22-Oct-18

Mountain Brook Sports Complex Retrofit Mountain Brook, AL

GRID SUMMARY

Name: Field 7
 Size: 200'/200'/200' - basepath 60'
 Spacing: 20.0' x 20.0'
 Height: 3.0' above grade

ILLUMINATION SUMMARY

MAINTAINED HORIZONTAL FOOTCANDLES

	Infield	Outfield
Guaranteed Average:	50	30
Scan Average:	58.20	38.27
Maximum:	67.06	56.69
Minimum:	39.83	25.41
Avg / Min:	1.46	1.51
Guaranteed Max / Min:	2	2.5
Max / Min:	1.68	2.23
UG (adjacent pts):	1.28	1.49
CU:	0.67	
No. of Points:	25	73

LUMINAIRE INFORMATION

Color / CRI: 5700K - 75 CRI
 Luminaire Output: 121,000 / 52,000 lumens
 No. of Luminaires: 26
 Total Load: 26.45 kW

Luminaire Type	Lumen Maintenance		
	L90 hrs	L80 hrs	L70 hrs
TLC-LED-1150	>81,000	>81,000	>81,000
TLC-BT-575	>81,000	>81,000	>81,000

Reported per IM-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.



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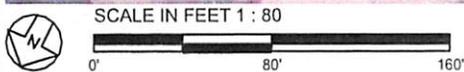
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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN

Pole		Luminaires						
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A2	50'	-	50'	TLC-LED-1150	3	3	0
1	A3	50'	-	30'	TLC-BT-575	1	0	1
				50'	TLC-LED-1150	3/3*	3	3
1	B2	50'	-	15'	TLC-BT-575	1	1	0
				50'	TLC-LED-1150	4	4	0
1	B3	50'	-	15'	TLC-BT-575	1/1*	1	1
				50'	TLC-LED-1150	4/4*	4	4
2	C3-C4	50'	-	15'	TLC-BT-575	2	2	0
				50'	TLC-LED-1150	3	3	0
6	TOTALS					35	26	9

* This structure utilizes a back-to-back mounting configuration



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

ENGINEERED DESIGN By: Brad Ver Steegh • File #174786B • 22-Oct-18

**Mountain Brook Sports Complex Retrofit
Mountain Brook, AL**

GRID SUMMARY

Name:	Field 6
Size:	200'/200'/200' - basepath 60'
Spacing:	20.0' x 20.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY

MAINTAINED HORIZONTAL FOOTCANDLES		
	Infield	Outfield
Guaranteed Average:	50	30
Scan Average:	52.50	39.55
Maximum:	68.45	51.24
Minimum:	36.32	23.94
Avg / Min:	1.45	1.65
Guaranteed Max / Min:	2	2.5
Max / Min:	1.88	2.14
UG (adjacent pts):	1.39	2.03
CU:	0.66	
No. of Points:	25	73

LUMINAIRE INFORMATION

Color / CRI:	5700K - 75 CRI
Luminaire Output:	121,000 / 52,000 lumens
No. of Luminaires:	26
Total Load:	26.45 kW

Luminaire Type	Lumen Maintenance		
	L90 hrs	L80 hrs	L70 hrs
TLC-LED-1150	>81,000	>81,000	>81,000
TLC-BT-575	>81,000	>81,000	>81,000

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.



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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A1	50'	-	30'	TLC-BT-575	1	1	0
				50'	TLC-LED-1150	3	3	0
1	A6	50'	-	30'	TLC-BT-575	1/1*	1	1
				50'	TLC-LED-1150	3/3*	3	3
2	B5-B6	50'	-	15'	TLC-BT-575	2	2	0
				50'	TLC-LED-1150	3	3	0
4	TOTALS					22	18	4

* This structure utilizes a back-to-back mounting configuration



**Mountain Brook Sports Complex Retrofit
Mountain Brook, AL**

GRID SUMMARY	
Name:	Field 3
Size:	143'/155'/143' - basepath 60'
Spacing:	20.0' x 20.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY			
MAINTAINED HORIZONTAL FOOT CANDLES			
	Infield	Outfield	
Guaranteed Average:	50	30	
Scan Average:	51.91	40.45	
Maximum:	69.31	57.38	
Minimum:	35.60	25.14	
Avg / Min:	1.46	1.61	
Guaranteed Max / Min:	2	2.5	
Max / Min:	1.95	2.28	
UG (adjacent pts):	1.59	1.74	
CU:	0.61		
No. of Points:	25	29	
LUMINAIRE INFORMATION:			
Color / CRI:	5700K - 75 CRI		
Luminaire Output:	52,000 / 121,000 lumens		
No. of Luminaires:	18		
Total Load:	17.25 kW		
Lumen Maintenance			
Luminaire Type	L90 hrs	L80 hrs	L70 hrs
TLC-BT-575	>81,000	>81,000	>81,000
TLC-LED-1150	>81,000	>81,000	>81,000
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.

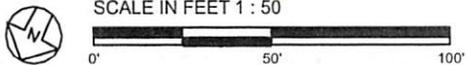
Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

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



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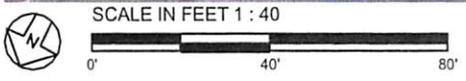
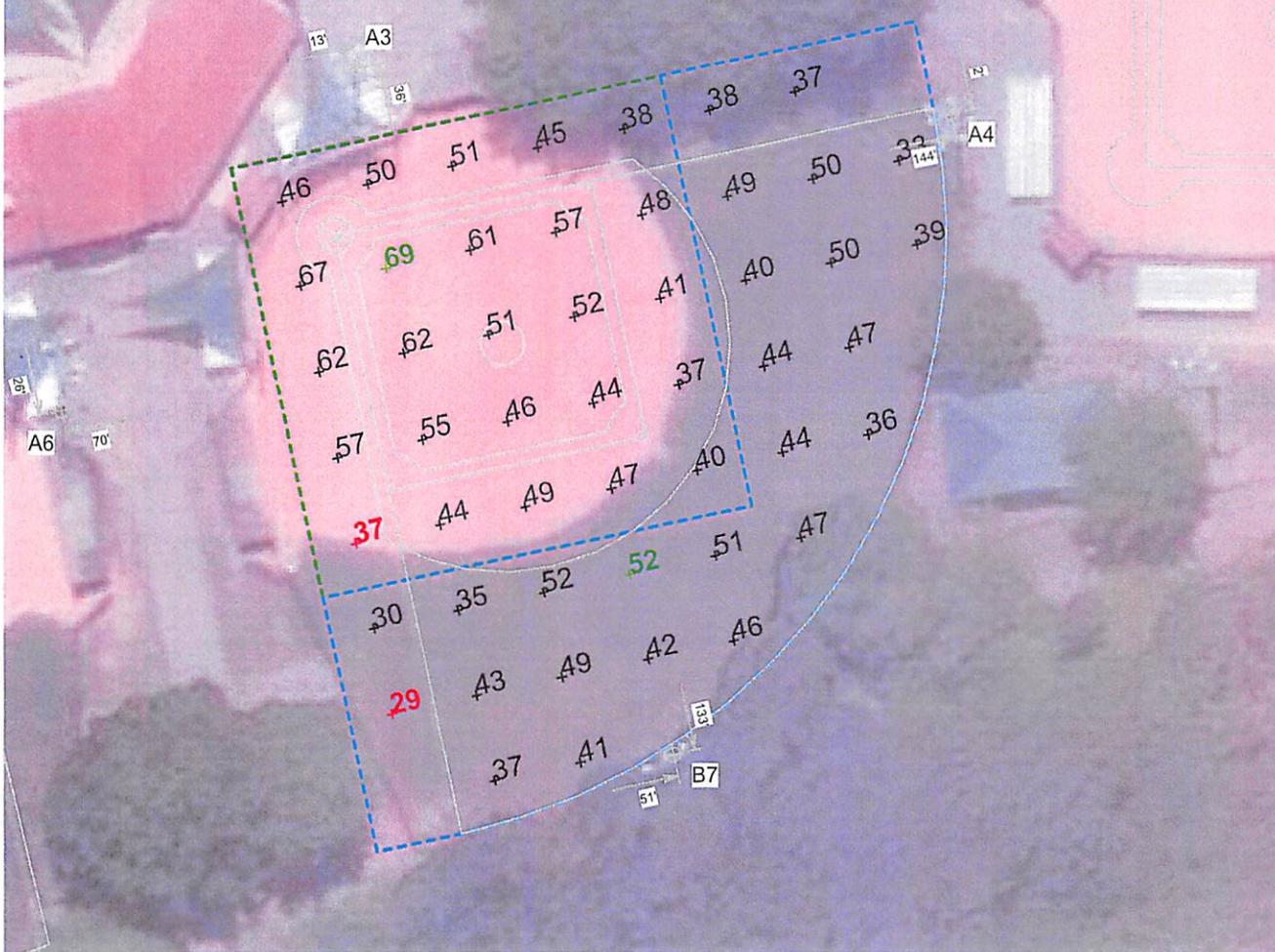
ILLUMINATION SUMMARY

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	OTHER GRIDS
1	A3	50'	-	30'	TLC-BT-575	1	1	0
				50'	TLC-LED-1150	3/3*	3	3
1	A4	50'	-	15'	TLC-BT-575	2	2	0
				50'	TLC-LED-1150	3/3*	3	3
1	A6	50'	-	30'	TLC-BT-575	1/1*	1	1
				50'	TLC-LED-1150	3/3*	3	3
1	B7	50'	-	15'	TLC-BT-575	2	2	0
				50'	TLC-LED-1150	3	3	0
4	TOTALS					28	18	10

* This structure utilizes a back-to-back mounting configuration



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

ENGINEERED DESIGN By: Brad Ver Steegh • File #174786B • 22-Oct-18

**Mountain Brook Sports Complex Retrofit
Mountain Brook, AL**

GRID SUMMARY	
Name:	Field 4
Size:	140'/140'/140' - basepath 60'
Spacing:	20.0' x 20.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY			
MAINTAINED HORIZONTAL FOOTCANDLES			
	Infield	Outfield	
Guaranteed Average:	50	30	
Scan Average:	50.28	42.55	
Maximum:	68.86	52.36	
Minimum:	36.91	29.16	
Avg / Min:	1.36	1.46	
Guaranteed Max / Min:	2	2.5	
Max / Min:	1.87	1.80	
UG (adjacent pts):	1.54	1.51	
CU:	0.57		
No. of Points:	25	25	
LUMINAIRE INFORMATION			
Color / CRI:	5700K - 75 CRI		
Luminaire Output:	52,000 / 121,000 lumens		
No. of Luminaires:	18		
Total Load:	17.25 kW		
	Lumen Maintenance		
Luminaire Type	L90 hrs	L80 hrs	L70 hrs
TLC-BT-575	>81,000	>81,000	>81,000
TLC-LED-1150	>81,000	>81,000	>81,000

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.



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ILLUMINATION SUMMARY

Mountain Brook Sports Complex Retrofit
Mountain Brook, AL



EQUIPMENT LAYOUT

INCLUDES:

- Field 3
- Field 4
- Field 6
- Field 7

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.

EQUIPMENT LIST FOR AREAS SHOWN

QTY	LOCATION	POLE SIZE	GRADE ELEVATION	MOUNTING HEIGHT	Luminaires	
					LUMINAIRE TYPE	QTY / POLE
1	A1	50'	-	30'	TLC-BT-575	1
					TLC-LED-1150	3
2	A2, A5	50'	-	50'	TLC-LED-1150	3
					TLC-BT-575	1
1	A3	50'	-	30'	TLC-BT-575	1
					TLC-LED-1150	3/3*
1	A4	50'	-	15'	TLC-BT-575	2
					TLC-LED-1150	3/3*
1	A6	50'	-	30'	TLC-BT-575	1/1*
					TLC-LED-1150	3/3*
2	B2, B4	50'	-	15'	TLC-BT-575	1
					TLC-LED-1150	4
1	B3	50'	-	15'	TLC-BT-575	1/1*
					TLC-LED-1150	4/4*
7	B5-B7 C3-C6	50'	-	50'	TLC-LED-1150	3
					TLC-BT-575	2
16	TOTALS					88

* This structure utilizes a back-to-back mounting configuration

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)	480 (60)
Single Phase Voltage	208 (60)	220 (60)	240 (60)	277 (60)	347 (60)	480 (60)
TLC-LED-1150	6.8	6.5	5.9	5.1	4.1	3.7
TLC-BT-575	3.2	3.0	2.8	2.4	1.9	1.7



SCALE IN FEET 1 : 120



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

ENGINEERED DESIGN By: Brad Ver Steegh • File #174786B • 22-Oct-18

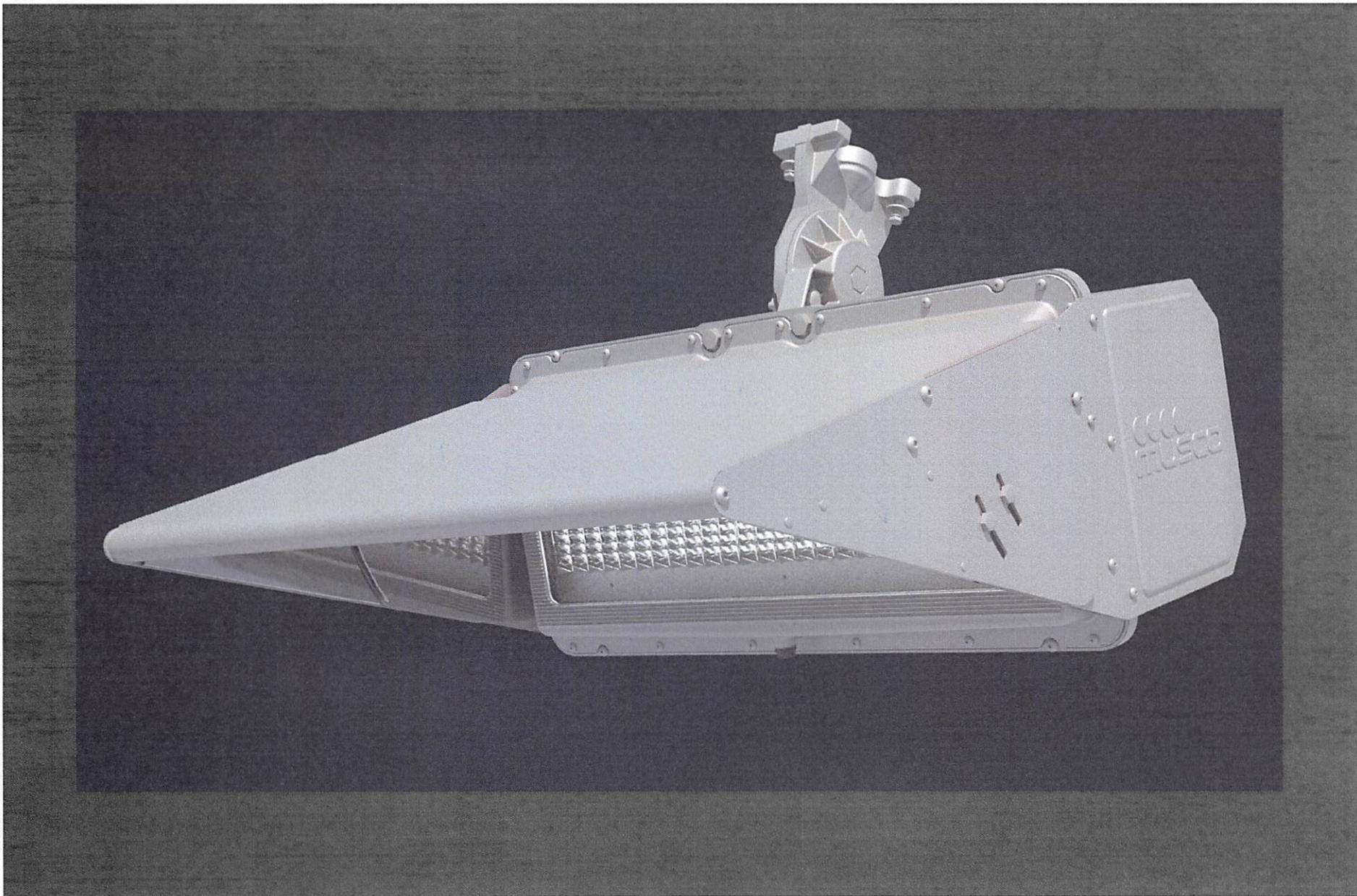


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EQUIPMENT LAYOUT

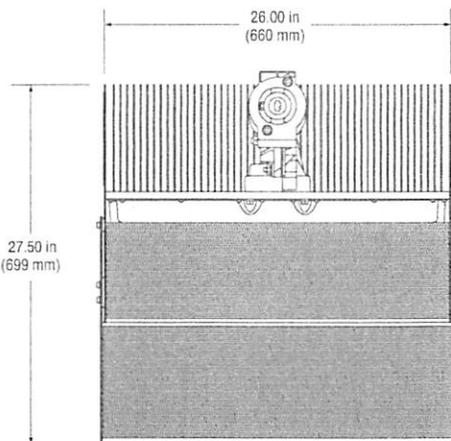
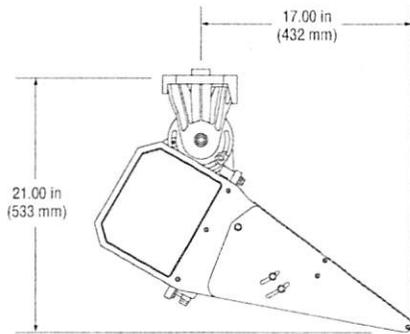
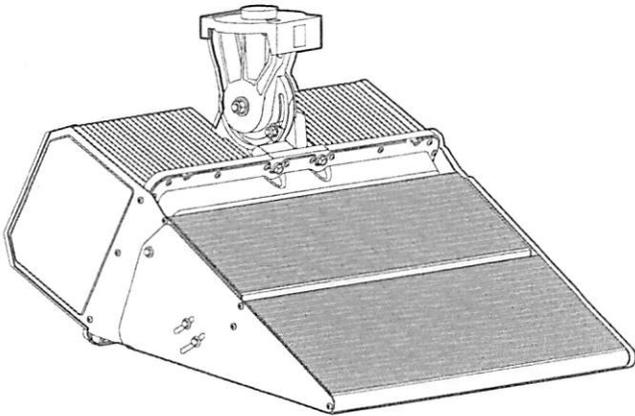
Total Light Control™ – TLC-LED-1150 Luminaire



©2016, 2018 Musco Sports Lighting, LLC - U.S. and foreign patents issued and pending - M-2227-en04-3



Solutions for Lighting



Luminaire Data

Weight (luminaire) 80 lb (36 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.

Datasheet: TLC-LED-1150 Luminaire and Driver

Driver Data

Typical Wiring

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)

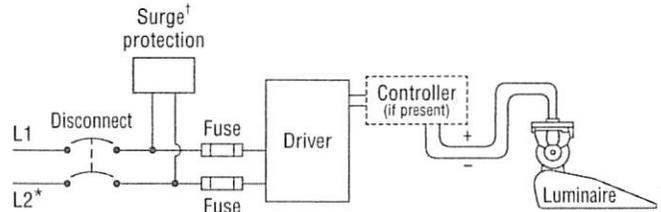
Ingress protection,
electrical components enclosure..... IP54

Efficiency..... 95%

Dimming mode..... optional

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

Range, light output..... 20–100%



* 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 current ²	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.





L a n d P l a n n e r s
L a n d s c a p e A r c h i t e c t s
U r b a n D e s i g n e r s

M E M O R A N D U M

TO Sam Gaston FROM Joel Eliason
FIRM City of Mountain Brook DATE November 9, 2018
PROJ NAME Jemison Park
PROJ NUMBER 18-901
RE **ADECA Recreational Trails Grant**

THIS REPORT IS SUBMITTED FOR THE PURPOSE OF SUMMARIZING THE IMPORTANT DETAILS OF THE DISCUSSION AND TO CONFIRM INSTRUCTIONS RECEIVED AT THE TIME. PLEASE NOTIFY US IF THERE ARE ANY CHANGES OR CORRECTIONS TO BE MADE.

REMARKS

In 2018 the Friends of Jemison Park commissioned us to create a master plan for Jemison Park. That plan includes several modifications and additions to the current park. These improvements are intended to address the impact of heavy usage on the trail and to make the park more enjoyable and usable for the Mountain Brook community.

Features of the master plan include:

- Improve Trail Alignment & Aesthetics
 - Existing Trail generally runs along sewer easement, away from Shades Creek
 - Relocate Trail away from sewer manholes where possible
 - Existing Trail too straight
 - New Curvilinear aesthetic alignment
 - New Trail periodically bends toward creek to capture variety of views
- Improve Trail Location
 - Existing Trail located in several low “overflow” channels of the creek
 - Locate New Trail on natural levees where possible to avoid flooded areas
- Improve Trail Width & Safety
 - Existing Trail is 5’ wide
 - Widen to 9’ or 10’ – allows ease of safe passing
 - Eliminate worn, rutted shoulders that are hazardous
- Preserve Healthy Tree Canopy
 - Route Trail around healthy mature trees
 - Remove dead or unhealthy trees

M E M O R A N D U M

Re: ADECA recreational Trails Grant Application

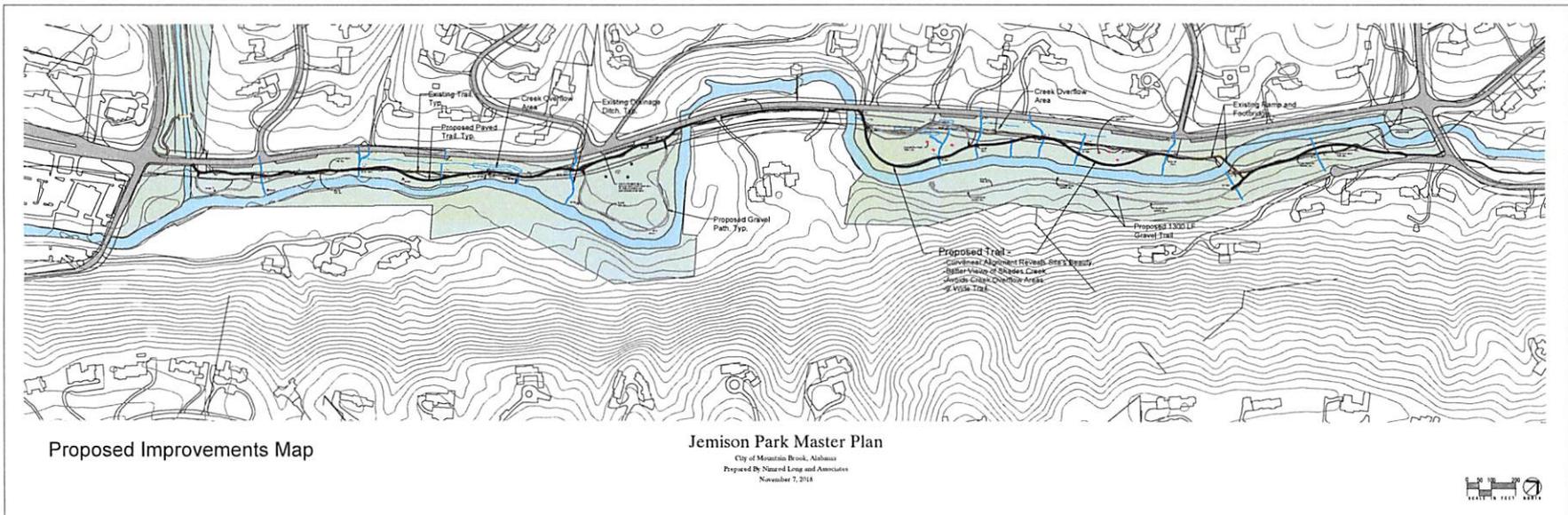
11/9/18

- Improve Drainage Culverts
 - Build attractive stone culvert walls at pipe crossings

One possible source of funding for the park improvements is the Recreational Trails Program administered by the Alabama Department of Economic and Community Affairs (ADECA). Grant applications for the 2020 funding cycle are due December 21, 2018.

We recommend that the City pursue ADECA grant funding for Jemison Park. The maximum grant award for non-motorized, diverse-use trails is \$400,000.00; that sum combined with monies the City has identified in their budget would allow you to complete the work as a single project rather than a phased approach.

CC File
 Shanda Williams, Mountain Brook



Proposed Improvements Map

Jemison Park Master Plan

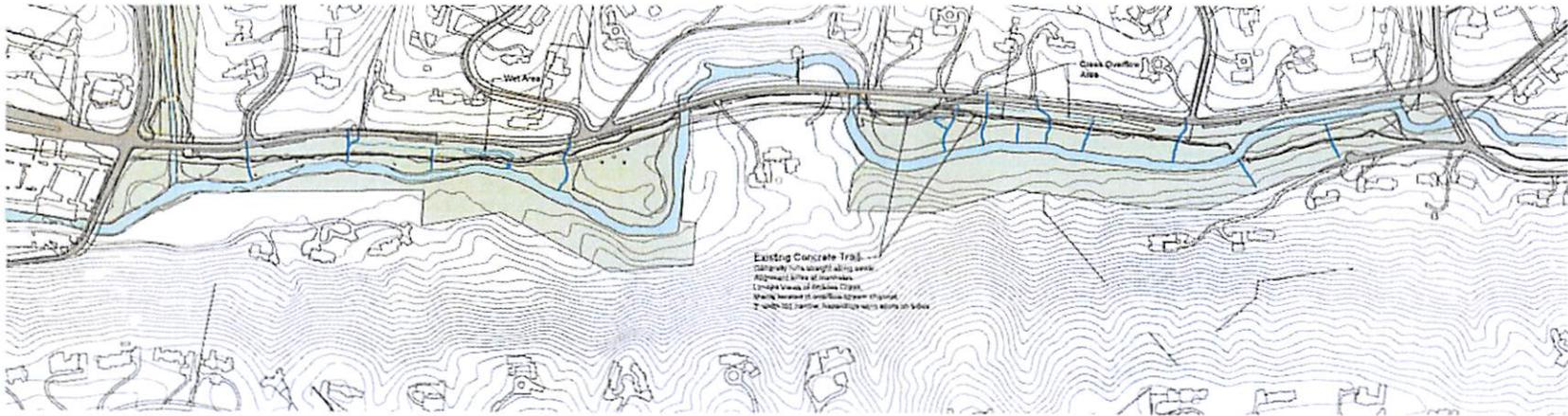
City of Mountain Brook, Alabama
 Prepared By Nims and Long and Associates
 November 7, 2018



Concrete / Asphalt Trail

(Concrete Trail Cost Est 1 3-19-18.xls)

DESCRIPTION	QUANTITY	UNIT MEASURE	UNIT COST	BASE BID	ADD ALT	DEDUCT ALTS
Jemison Park						
General Conditions	1	Lump sum	\$15,000.00	\$15,000.00		
Erosion Control	1	Lump sum	\$15,000.00	\$15,000.00		
Site Prep and Individual Tree Removal	1	Lump sum	\$10,000.00	\$10,000.00		
Demo & Haul-off	1	Lump sum	\$40,000.00	\$40,000.00		
Grading for Trails	1	Lump sum	\$50,000.00	\$50,000.00		
Gravel Spur Trails, 6' wd.	1,200	s.f.	\$5.00	\$6,000.00		
Concrete Trail + Base, 5.5" thk. x 9' wd.	48,500	s.f.	\$10.50	\$509,250.00		
18" Drainage Pipe	106	LF	\$60.00	\$6,360.00		
24" Drainage Pipe	128	LF	\$100.00	\$12,800.00		
30" Drainage Pipe	64	LF	\$150.00	\$9,600.00		
Culvert Stone Walls	1	Lump sum	\$52,500.00	\$52,500.00		
Landscaping (grassing/mulch)	1	Lump sum	\$65,000.00	\$65,000.00		
Subtotal				\$791,510.00		
Contractor Fee and Permits	1	8%	\$63,320.80	\$63,320.80		
Total				\$854,830.80		
Exclusions						
Design Fees not included						



Existing Conditions Map

Jemison Park Master Plan

City of Mountain Brook, Alabama
 Prepared By: Howard Long and Associates
 March 31, 2018



Alabama Department of Economic and Community Affairs
Recreational Trails Program
FY 2020 Funding Cycle
Program Summary

The Recreational Trails Program (RTP) was created in 1998 to assist in acquiring, developing, and/or improving trail and trail-related resources. Eligible applicants include Federal and state agencies and local governments.

Program Information

Estimated Funds Available for RTP	Approximately \$2,500,000.00
Maximum Grant-Non-motorized (varies by trail type and activity)	\$200,000.00 - \$400,000.00
Maximum Grant-Motorized	\$500,000.00
Federal Share	80%
Allowable Matching Source	Cash, In-kind, and/or Donations
FY 2020 Application Due Date	12 Noon, December 21, 2018
Project Selection	Competitive

Funding Cycle

RTP applications will be accepted until **12:00 Noon, Friday, December 21, 2018**. The applications will be reviewed, rated, and ranked by Alabama Department of Economic and Community Affairs' (ADECA) Recreation and Conservation Programs staff and members of the Alabama Recreational Trails Advisory Board.

Eligible Applicants

All applicants must be currently registered in SAM.gov with a unique Data Universal Numbering System (DUNS) number. Applications from project sponsors not meeting this criterion will be deemed ineligible and will not be reviewed. Eligible applicants include:

- Local Governments
- State Agencies
- Federal Agencies

Maximum Grant Size

The maximum grant amount is \$200,000.00 for non-motorized, single-use trail projects; \$400,000.00 for non-motorized, diverse-use trail projects; \$500,000.00 for motorized, diverse-use trail projects; and \$87,489.00 for educational projects which promote safety and environmental protection.

Matching Requirement

The Federal share for the RTP is up to **80%** of the total eligible project costs up to the grant ceiling. The non-Federal share (at least **20%**) may come from state, local, or private sources.

Permissible Uses

Applications may be submitted for one or more of the following activities:

- The development of urban trail linkages near homes and workplaces (this category includes trail linkages to schools, parks, and existing trails)
- Maintenance and restoration of existing recreational trails
- The restoration of areas damaged by the use of recreational trails and back country terrain
- The development of trailside and trailhead facilities. This includes trail components or associated trail facilities and may include, but are not limited to, the following: 1) Drainage, 2) Crossings, 3) Stabilization, 4) Parking, 5) Signage, 6) Controls, 7) Shelters, and 8) Water, Sanitary, and Access Facilities
- The provision of features which facilitate the access and use of trails by persons with disabilities
- The acquisition of easements for trails, or for corridors identified in a state trail plan
- The acquisition of fee simple title to property from a willing seller for trail development
- The construction of new trails on state, county, municipal, or private lands, where a recreational need for such construction is shown
- Only as otherwise permissible, and where necessary and required by a State Comprehensive Outdoor Recreation Plan (SCORP), construction of new trails crossing Federal lands, where such construction is approved by the administering agency of the state and the Federal agency or agencies charged with management of all impacted lands, with the approval contingent upon the Federal agency complying with all applicable laws
- The assessment of trail conditions for accessibility and maintenance
- The operation of educational programs to promote safety and environmental protection as those objectives relate to the use of recreational trails

Types of Trail Projects

At least thirty percent of Alabama's RTP funds must be used for motorized trail projects, at least 30 percent for non-motorized trail projects, and at least 40 percent for diverse-use trail projects. Diverse-use motorized projects (such as ATV and motorcycle use) or diverse-use non-motorized projects (such as pedestrian and equestrian use) may satisfy two of these categories at the same time. The state encourages applicants to consider

projects that benefit both motorized and non-motorized users, such as common trailhead facilities, when feasible.

- **Non-Motorized For A Single Use**

A project primarily intended to benefit only one mode of non-motorized recreational trail use, such as pedestrian only, or equestrian only. Projects serving various pedestrian uses (such as walking, hiking, skating, wheelchair use, running, bird watching, nature interpretation, backpacking, etc.) constitute a single use for the purposes of this category. This category also includes trailhead and trailside improvements for non-motorized, single use trails (such as lighting).

- **Non-Motorized For Diverse-Use**

A project primarily intended to benefit more than one mode of non-motorized recreational trail use, such as walking, skating, and bicycling; pedestrian and equestrian use; equestrian and bicycle use, etc.

- **Motorized For Diverse-Use**

A project primarily intended to benefit more than one mode of motorized recreational use, such as, motorcycle and ATV use; ATV and 4x4 OHV (truck) use; etc. A project may be classified in this category if the project also benefits some non-motorized uses (it is not necessary to exclude non-motorized uses), but the primary intent must be for the benefit of motorized use.

- **Educational Projects**

Development and dissemination of publications and operation of educational programs to promote safety and environmental protection.

Typical education projects may include:

- Development and operation of trail safety education programs
- Development and operation of trail-related environmental education programs
- Development and delivery of training on trail accessibility and sustainability
- Production of trail-related educational materials, including information displays, in print, video, audio, interactive computer displays, etc.
- Development and delivery of training that promotes safety or environmental protection related to recreational trails. This includes training related to trail design, construction, maintenance, operation, and assessment, because each of these steps can relate directly to safety and environmental protection. Note: this does not include training related to club or organizational development or grant-writing skills.
- Development or support of publications related to trail design, construction, maintenance, operation, and assessment, because these steps relate to safety and environmental protection

The RTP and the Federal Highway Administration should be acknowledged on training and education materials, programs, publications, etc. developed with RTP funds.

NOTE: Some materials may only be partially educational. For example, the development/printing of a trail system map generally is not considered an educational project. However, if one side of the map is dedicated to trail safety and environmental protection education, then educational funds may participate in half of the development/printing cost.

Important note: Interested parties must consult with ADECA's Recreation and Conservation Programs staff prior to submitting an application under this category.

Other Application/Project Information

Project sponsors have statutory responsibilities to provide opportunities for the participation of people with disabilities in recreational trails activities funded under the RTP. Federal laws that affect the design, construction, alteration, and operation of trail facilities include the Architectural Barriers Act of 1968 (ABA), Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act of 1990 (ADA). The ADA prohibits discrimination and ensures equal opportunity and access for persons with disabilities. Section 504 of the Rehabilitation Act states that no otherwise qualified individual with a disability in the United States, as defined in section 7(20), shall, solely by reason of her or his disability, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The ABA requires that facilities designed, built, altered, or leased with funds supplied by the United States Federal Government be accessible to the public. Current regulations implementing these statutes contain requirements that apply to existing trail construction and program operations and adopt technical standards to guide new trail construction and alterations of existing networks.

- Buildings and facilities newly-constructed or altered with Federal funds are subject to the accessibility requirements contained in the Uniform Federal Accessibility Standards (UFAS), the standard currently referenced in the ABA.
- Accessibility in Federally-assisted programs is governed by the requirements of the United States Department of Transportation regulations (49 CFR Part 27) implementing Section 504 of the Rehabilitation Act (29 U.S.C. 794).
- The United States Department of Justice's (DOJ) Title II implementing regulations (28 CFR Part 35) describe the obligations of State and local governments for existing facilities and program operations, and require Title II entities (public entities) to comply with either UFAS or the Americans with Disabilities Act Accessibility Guidelines (ADAAG) developed by the United States Architectural and Transportation Barriers Compliance Board when constructing or altering facilities. Private sector entities, including lessees, concessionaires, and contractors to State and local governments, are governed by the DOJ Title III implementing regulations, which adopt ADAAG as the standard for accessible design.

Applicants are encouraged to enter into contracts and cooperative agreements with qualified youth conservation or service corps for the performance of construction and maintenance of recreational trails and to submit innovative project proposals to make environmental improvements to existing trail facilities.

Technical assistance prior to application preparation is *strongly recommended*.

Only one application may be submitted by local units of government. State agencies may submit multiple applications.

Thresholds

Prospective applicants are not eligible to apply if:

- The entity has an open Land and Water Conservation Fund (LWCF) or RTP grant as of December 21, 2018.
- The entity has unresolved compliance issues from a previous LWCF or RTP grant.
- The entity did not respond in writing to a LWCF or RTP inspection report which contained deficiencies and the entity has not obtained approval of a Corrective Action Plan for previous compliance issues.

For more information, please contact:

Shante' Holley, Recreation and
Conservation Programs Specialist
334-242-5382
shante.holley@adeca.alabama.gov

William Robbins, Recreation and
Conservation Programs Specialist
334-242-5612
william.robbs@adeca.alabama.gov

ADECA

KAY IVEY
GOVERNOR

KENNETH W. BOSWELL
DIRECTOR

RECREATIONAL TRAILS PROGRAM FY 2020 FUNDING CYCLE

GRANT APPLICATION DOCUMENT

SUBMISSION DEADLINE: 12 NOON, FRIDAY, DECEMBER 21, 2018

401 Adams Avenue | Post Office Box 5690
Montgomery, Alabama 36104 | 36103-5690

October 2018

State Administering Agency

Alabama Department of Economic and Community Affairs (ADECA)

Recreational Trails Program

The Recreational Trails Program (RTP) was created in 1998 to assist organizations in acquiring, developing, and/or improving trail and trail-related resources. Eligible applicants include federal and state agencies and local units of government.

Matching Requirement

The federal share for the RTP is up to 80% of the total eligible project costs. The non-federal share may come from state, local, or private sources. Other federal grant funds cannot be included as match unless allowed by specific legislation.

A federal agency project sponsor may contribute appropriated funds toward a RTP project up to the point at which the total federal share reaches 95 percent of the total project cost. This limitation is intended to ensure commitment to the project from state, local, or private co-sponsors.

Submission Instructions

Please submit one (1) original and one electronic copy of your application. The electronic copy should be on a CD or flash drive. E-mailed copies will not be accepted. Maps must be no larger than 11"x17" in size.

Applications should be submitted to:

By Mail:

Alabama Department of Economic and Community Affairs
Attn: Shante' Holley, Recreation and Conservation Programs Specialist
Post Office Box 5690
Montgomery, Alabama 36103-5690

By Courier:

Alabama Department of Economic and Community Affairs
Attn: Shante' Holley, Recreation and Conservation Programs Specialist
401 Adams Avenue
Montgomery, Alabama 36104

The deadline for application submission is **12 Noon, Friday, December 21, 2018.**

Application Procedures

The application consists of the items listed on the application checklist. In addition, the project application must include the following support documentation, if applicable:

- If the applicant and the landowner are not the same, a signed statement from affected landowners stipulating full support of the proposed use of their land and their support for the project application. The statement must clearly indicate that he/she is willing to provide an easement or other legally binding agreement that ensures public access to the recreational trail improvements funded by the grant (23 U.S.C. Section 206(h)(4)(A)).
- If applicable, a signed statement that the project is in compliance with 23 U.S.C. Section 206(g)(4) of the RTP which prohibits the use of grant funds to accommodate motorized use on trails that have been predominately used by non-motorized trail users prior to May 1, 1991.
- If applicable, a signed statement by the federal agency that the construction of new trails crossing federal lands is in compliance with all applicable laws, including the Forest and Range-land Renewable Resources Planning Act and the Federal Land Policy and Management Act.
- If construction of any recreational trail on Bureau of Land Management or National Forest System lands for motorized uses is proposed, a signed statement certifying that the lands have been allocated for uses other than wilderness in the approved agency resources management plan or have been released to uses other than wilderness by an Act of Congress, and such construction is otherwise consistent with the management direction in such approved land and resources management plan.

Special Procedures for Projects that Require Permits or Other Approvals

- **Crossing of Public Roads** - Project applicants must include a statement or copies of letters certifying that the appropriate officials having jurisdiction over the public road to be crossed have reviewed the project and that the proposed crossing meets their approval. For state road crossings, contact the appropriate Alabama Department of Transportation District Office. For all other classified roads, contact the street or highway department of the jurisdiction.
- **Railroad, Gas Line, Power Line, and Other Utility Rights-of-Way** - Project applicants must include documentation indicating that appropriate officials from the railroad company and/or utility company have reviewed the project and that the proposed crossing meets their approval.
- **Water Obstruction and Encroachment Permit (including wetlands)** - Project applicants planning to construct, operate, maintain, enlarge, or abandon any obstruction (bridge, channel change, etc.) that will affect a watercourse; its 100-year floodway; or any lake, pond, reservoir, swamp, marsh, or wetland, must contact ADECA or the applicable federal agency. Examples of work requiring a permit include changing a stream

channel; dredging for crossings; building or modifying a bridge, dock, culvert, or pier; installing or changing an intake or outfall structure; working on bank protection, including fill, levees, dikes, bulkheads, and flood walls; or placing an aerial crossing, such as a power line, over a navigable stream. Any state or local government agency or public utility working in a 100-year flood plain, which has been identified by the National Flood Insurance Program, must also consult with ADECA before proceeding with its application.

- Erosion and Sedimentation Control Plan - In addition, project applicants may be required to prepare an erosion and sedimentation control plan for stream crossings or general construction activities. Therefore, project applicants must notify the appropriate County Soil Conservation District Office of the project. The district office will advise the applicant accordingly.
- Building Permits - Follow existing procedures for compliance with local building codes.
- Health Department Permits

Public Employee and Equipment Costs

Work performed by project sponsor staff, whether administrative or construction, may not be paid with RTP funds. Project sponsor staff time (hourly rate of pay and FICA percentage only), or equipment usage as appropriate, may be counted as sponsor in-kind match when properly documented and included in the budget.

Maps

Project Location Map

The project location map must display the location of the project in relation to the city or county area and the surrounding highway/road network. This map must be sufficiently detailed so that state or federal officials who visit the site can do so without local assistance.

Preliminary Site Plan

The site plan should give a general layout of the park or area to be developed and include the following items:

- Proposed facilities and development included in the phase for which RTP assistance is being requested;
- Existing facilities regardless of funding source;
- Future development--if known;
- Location of any existing power lines or other utilities within the site boundary area;
- Location and measurements of any easements or rights-of-way;
- Location of floodplain if applicable;
- Site acreage to nearest tenth of an acre;

- Title block information including the title of the project, north arrow, scale, and date prepared.

Maps and drawings must be clear and legible and no larger than 11"x17" in size.

Upon project completion, a final site map will be required for all RTP assisted projects. The project sponsor should inform the architect/engineer of this requirement prior to entering into a contract.

Property or Project Boundary Area Map

An application must include a boundary map which delineates the legal boundaries of the property to be developed. A boundary map must contain the following information:

- Project title;
- Date of map preparation;
- Signature of person that prepared the map and the signature of the applicant;
- Known outstanding rights and interests that are held by others such as easements, deed/lease restrictions, reversionary interest, i.e., power lines that cross the site, rights-of-way, etc.;
- Deed reference--book and page number;
- Sufficient detail so as to legally identify the land:
 - adjoining water bodies or other natural landmarks
 - bearings and distances (required)
 - identification of adjacent streets, roads, and highways
 - north arrow
 - a scale stated in feet per inch;
- Project sponsor name.

State Comprehensive Outdoor Recreation Plan (SCORP)

The SCORP 2013-2018 is the guiding document for funding projects for the RTP. This document is available on the ADECA website at www.adeca.alabama.gov.

Americans with Disabilities Act (ADA) Accessibility Guidelines

All projects are required to be planned/designed to comply with the "American Standard Specifications for making Buildings and Facilities Accessible to, and Usable by, the Physically Handicapped".

ADA Accessibility Guidelines (**ADAAG**) can be found at <https://www.access-board.gov/guidelines-and-standards/buildings-and-sites/about-the-ada-standards/ada-standards/chapter-10-recreation-facilities>. The Architectural Barriers Act (ABA) Accessibility Guidelines (**ABAAG**) for Recreation Facilities can be found at <https://www.access-board.gov/guidelines-and-standards/buildings-and-sites/about-the-aba-standards/aba-standards>. The following questions and answers cover the highlights of the trail guidelines:

First, what exactly is a trail according to ADA regulations?

A trail is “a route that is designed, designated, or constructed for recreational pedestrian use or provided as a pedestrian alternative to vehicular routes within a transportation system.”

What kinds of trails are subject to the ADA accessibility guidelines?

The accessibility guidelines apply to those trails which are designed and constructed for pedestrian use. These guidelines are not applicable to trails primarily designed and constructed for recreational use by equestrians, mountain bicyclists, snowmobile users, or off-highway vehicle users, even if pedestrians may occasionally use the same trails. However, a multi-use trail specifically designed and designated for hiking and bicycling would be considered a pedestrian trail.

Does that mean an urban bikeway is a “pedestrian trail”?

Accessibility guidelines apply to trails used as nonmotorized transportation facilities for bicyclists and skaters as well as pedestrians. However, the AASHTO Guide (1999), requires a greater level of accessibility than the ADA trail guidelines. The AASHTO Guide for the Development of Bicycle Facilities is the primary guidebook for facilities built with transportation funds. The Guide (available from AASHTO at <https://store.transportation.org/Item/CollectionDetail?ID=116>) generally provides a greater level of accessibility than the ADA trail guidelines (except running slope). The appendix of the Access Board report compares the AASHTO guide with the ADA trail guidelines.

Will we have to bring existing trails up to ADA standards?

No; the proposed guidelines require all areas of newly designed or newly constructed and altered portions of existing trails to comply. However, for entities covered by Title II of ADA, “program accessibility,” may require accessibility to be provided on existing trails. “Program accessibility” generally means that the major elements in a recreation program need to be accessible.

Must we improve accessibility when trail maintenance is done?

Routine or periodic maintenance or repair of existing trails or trail segments is exempt. Maintenance and repair is defined as work that is not an alteration: it does not change the original purpose, intent, or design of the trail.

Can we be required to allow vehicles on our non-motorized trails to accommodate accessibility?

No; while a variety of mobility-enhancing equipment can be used on trails, the necessity of protecting the environment and maintaining the appropriateness of the setting might exclude ATVs or other off-highway vehicles.

Does an accessible trail have to be paved?

No; as long as the surface is "firm and stable".

What about new trails that are nowhere near a road or an accessible trailhead?

The requirements apply only to trails that "connect to an accessible trail" or "designated trailhead." Where new trails connect to an existing trail that is not accessible, the technical provisions do not apply. Nor do they apply where the new or altered portion is not connected to a designated trailhead.

What if building a trail to an accessible standard just isn't logical, or desirable, or even possible?

Departures from the guidelines are permitted for any portion of the trail where compliance would:

- cause substantial harm to cultural, historic, religious, or significant natural features or characteristics;
- substantially alter the nature of the setting or the purpose;
- require construction methods or materials that are prohibited by Federal, State, or local regulations or statutes;
- not be feasible due to terrain or the prevailing construction practices.

For the final guidelines for outdoor developed areas, please visit: <http://www.access-board.gov/guidelines-and-standards/recreation-facilities/outdoor-developed-areas/final-guidelines-for-outdoor-developed-areas>.

The following manuals and guidelines are recommended for trail design, construction, and maintenance. Copies may be purchased or acquired from the source indicated. U.S. Government regulations may be purchased from the U.S. Government Printing Office, Superintendent of Documents, Mail Stop SSOP, Washington, DC 20402-9328.

Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities (ADAAG); available in U.S. Department of Transportation (DOT) regulations, 49 CFR Part 37. Also, an *Interim Final Rule* was published in the *Federal Register*, June 20, 1994 (59 FR 31676; 31745); from: U.S. Architectural and Transportation Barriers Compliance Board (Access Board), 1331 F Street NW, Suite 1000, Washington, DC 20004-1111. The *Interim Final Rule* included Section 14, "Public Rights of Way," much of which would be applicable to the Trails Program, if adopted by the U.S. DOT. The Federal Highway Administration (FHWA) intends to develop program guidance for accommodating people with disabilities largely based on Section 14.

Nondiscrimination on the Basis of Handicap in Programs and Activities Receiving or Benefiting from Federal Financial Assistance; available in U.S. DOT regulations, 49 CFR Part 27 (44 FR 31442). This implements Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) as amended, to the end that no otherwise qualified handicapped individual in the United States shall, solely by reason of his or her handicap, be excluded from the participation in, be

denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance.

Nondiscrimination on the Basis of Disability in State and Local Government Services; available in U.S. Department of Justice regulations, 28 CFR Part 35 (56 FR 35694). This implements subtitle A of title II of the Americans with Disabilities Act of 1990 (42 U.S.C. 12131), which prohibits discrimination on the basis of disability by public entities.

Nondiscrimination on the Basis of Disability by Public Accommodations and in Commercial Facilities; available in U.S. Department of Justice regulations, 28 CFR Part 36 (56 FR 35544). This implements title III of the Americans with Disabilities Act of 1990 (42 U.S.C. 12181), which prohibits discrimination on the basis of disability by public accommodations and requires places of public accommodation and commercial facilities to be designed, constructed, and altered in compliance with the accessibility standards established by this part.

Uniform Federal Accessibility Standards, published in the *Federal Register*, August 7, 1984 (49 FR 31528); from the U.S. Architectural and Transportation Barriers Compliance Board (Access Board), 1331 F Street NW, Suite 1000, Washington, DC 20004-1111.

Recommendations for Accessibility Guidelines: Recreational Facilities and Outdoor Developed Areas, July 1994, a report to the U.S. Architectural and Transportation Barriers Compliance Board by the Recreation Access Advisory Committee, from: Access Board, Recreation Report, 1331 F Street NW, Suite 1000, Washington, DC 20004-1111. The Access Board is currently developing proposed guidelines for recreation facilities.

Thresholds

Prospective applicants are not eligible to apply if:

- Entity has an open Land and Water Conservation Fund (LWCF) or RTP grant as of December 21, 2018.
- Entity has unresolved compliance issues from a previous LWCF or RTP grant.
- Entity did not respond in writing to a LWCF or RTP inspection report that contained deficiencies.
- Entity has not developed and received approval of a Corrective Action Plan addressing the correction of previous compliance issues.

APPLICATION CHECKLIST

Please use this checklist to ensure all required application documents are included prior to submitting to ADECA. **Incomplete applications will not be processed.**

Letter on entity letterhead signed by the Chief Elected Official	
Application Cover Sheet (Page 9)	
Resolution adopted by the legal entity of the applicant authorizing the submission of the application and committing all matching funds required to complete the proposed project	
A narrative description of the proposed project and responses to each of the application rating criterion (Pages 10-13)	
Project Cost Estimate (Page 14)	
Detailed Project Budget with Descriptive Narrative	
Schedule of project activities necessary for project completion to include measurable milestones (18-month period beginning October 2019)	
Preliminary Site Plan	
Location/Vicinity Map	
Property Boundary Area Map	
Verification of SAM.gov Registration	
Environmental Assessment: Concurrence from the U.S. Army Corps of Engineers Concurrence from the U.S. Fish and Wildlife Service Concurrence from the Alabama Historical Commission Approval to cross a public highway or a public utility right-of-way (if applicable) Water obstruction & encroachment permit (if applicable) Hazardous materials survey if real property is to be acquired with grant funds Environmental Assessment (if applicable; format can be found at http://www.adeca.alabama.gov/Divisions/ced/Recreation/Pages/Programs.aspx)	
Copy of deed to property, plat, and/or legal description of the property proposed for purchase and/or development NOTE: If real property is to be acquired with grant funds, the acquisition must comply with the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (The Uniform Act). Implementation regulations for The Uniform Act are found in 49 CFR Part 24. You may not acquire property until after the grant agreement has been executed and consultation with ADECA staff has occurred.	
Signed statement from landowner expressing support (This is applicable if the applicant and landowner are not the same. A recorded easement allowing trail construction will be required from the landowner before construction begins.)	
Environmental Screening Form and Environmental Checklist (Pages 17-20)	
Letters of endorsement, support, and commitment; other documentation of citizen participation	

You must include a copy of this completed checklist with your application. Please see the following website for electronic versions of the forms:
<http://www.adeca.alabama.gov/Divisions/ced/Recreation/Pages/Programs.aspx>.

Application Cover Sheet

Applicant's Name (Organization): _____

Address: _____

ZIP+4: _____

County: _____

FEI Number: _____

DUNS Number: _____

Project Title: _____

Project Description: _____

Park Name, if applicable: _____

Park (project location) Address: _____

ZIP+4: _____

**Latitude and Longitude
(deg/min/sec):** _____

**Congressional District
(for project location):** _____

**State Senate District
(for project location):** _____

**State House District
(for project location):** _____

Applicant Contact Person and Title: _____

Phone and Email: _____

**Grant Administrator or
Other Contact, Title, and
Organization:** _____

Phone and Email: _____

- 3. Describe the ways in which the project provides a new, unique, or more effective means for making trail opportunities available to the public. (Key Consideration: This criterion includes projects of national, regional, and local demonstration value. The most important concern is whether the grant recipient is committed to trying an approach that is new at the local level. Additional points are awarded for nationwide applicability and statewide or regional value. The applicant must commit to documenting the results of the demonstration and identify the method to be used in documenting the results.) 10 Points Available**
- 4. Describe the ways in which the project facilitates the access and use of trails by persons with disabilities, older citizens, economically disadvantaged, and other special populations or groups. (Key Consideration: Whether the project will expand recreation opportunities for special populations with recreation deficiencies.) 10 Points Available**
- 5. Describe the ways in which the project creates opportunities for new partnerships between trail users, private interests, and public agencies within the project area. (Key Consideration: The major concern is that the project is a component of an integrated effort to enhance economic revitalization and community conservation. Points will be given to applicants providing evidence of cooperative efforts with trail user groups and/or multiple public meetings.) 10 Points Available**
- 6. Describe the ways in which the project uses the grant funds to leverage other public or private investments (in the form of services and materials as well as dollars). (Key Consideration: The major concern is whether actual leveraging is assured or the potential for leveraging is good, outside of any funds committed for the initial grant match. Points will be given for applicants committing double the minimum local match or higher. Supporting documentation must be included in the application.) 10 Points Available**
- 7. Describe the degree of commitment to continue operation and maintenance of the project. Include an operation and maintenance plan detailing the amount of money needed to operate and maintain the trail/facility after project completion and identify who will be responsible for these activities. (Key Consideration: Whether the grant recipient is willing to commit to continue the maintenance and operation of the facilities and whether the applicant provides a realistic operation and maintenance plan/budget. Additional points will be awarded to applicants demonstrating innovative funding measures for trail maintenance.) 10 Points Available**
- 8. The degree to which community involvement is addressed: i.e., (A) Project idea originated with trail users or a community group that has substantial knowledge, and (B) The private sector (including individual citizens, community groups, and/or local business enterprises) has participated in the development of the proposed idea and has made commitments of labor, money, or materials to support project implementation. (Key Consideration: The objective is to determine if the project is responding to citizen-identified needs. The priority of the project to users is evidenced by citizen support for the idea. Points will be awarded to**

applicants demonstrating that the project concept was originally proposed at the grassroots level and, especially, for extensive citizen or private organization involvement in project development and support in project implementation as well as applicants demonstrating extensive involvement and participation from citizens and interest groups during all phases of application development and commitments beyond. Supporting documentation must be included in the application.) **10 Points Available**

- 9. Describe in detail how the trail will be managed. Include discussion on season length, hours of operation, limitations on use, enforcement provisions, and scheduling. 10 Points Available**

- 10. Identify and describe the service area of the project. Approximately how many people do you propose to serve with this project? Identify other trail resources in the service area by trail type (motorized, non-motorized, multi-use), distance, location in relation to the proposed trail, and ownership. (Key Consideration: The RTP was created to address trail needs in the urban and rural areas of the state. In order to assess the need for additional trails it is first necessary to identify the quantity and location of existing resources within the service area. It is also necessary to establish a service area – either population or resource based. For example, a population based service area could be a neighborhood, school district, or political jurisdiction whereas, a resource based service area might be defined along a linear greenway, water course, or unique natural/cultural area. However, in both instances, an estimate of the number of beneficiaries should be provided. Please identify how the project service area was determined.) 10 Points Available**

NOTE: Property acquired with RTP funds must remain open to the public in perpetuity. Should the property cease to be open to the public for trail use, the applicant must repay the RTP 80% of the fair market value of the property at the time of the change in use. If the project is located on an easement or on leased land, the minimum timeframe for the easement or lease is 25 years. The project must remain open for public access for the use for which the RTP funds were intended during that time. For development projects on applicant owned property, the project must remain open for public access for the use for which the RTP funds were intended for a minimum of 25 years.

Total Project Cost: _____ Funds Requested: _____

Important Note: The maximum grant amount by trail type is **\$200,000.00** for non-motorized, single-use trails; **\$400,000.00** for non-motorized, diverse-use trails; **\$500,000.00** for motorized trails; or **\$87,489.00** for education projects.

The applicant certifies that the data contained in the application is true and correct; the application has been duly authorized; and, the applicant understands that incorrect or incomplete information may cause the application to be rejected.

(Chief Elected Official's Signature)

(Title)

(Date)

Project Cost Estimate

The Recreational Trails Program provides **80/20 matching** fund grants. That is, the RTP will fund up to 80 percent of the project cost and the grant recipient must provide at least 20 percent in the form of cash, in-kind, and/or donated contributions.

Eligible Costs

1. Design, engineering, construction oversight services (**may not exceed 10% of the total construction cost**)
2. Direct labor
3. Special tradesmen secured under a service purchase contract
4. Rental of equipment
5. Construction contracts
6. Project materials
7. Signage¹
8. Land acquisition
9. Professional project administration (grant consultant) (**may not exceed 5% of total project cost**)

PROJECT DEVELOPMENT BUDGET

BUDGET ITEM	TOTAL	RTP SHARE	MATCHING SHARE
Acquisition			
Construction Contracts			
Equipment Rental			
Labor			
Signage			
Supplies/Materials			
Administration			
Engineering			
TOTAL PROJECT COST			

¹ Signs which function as traffic control devices must conform with the Manual on Uniform Traffic Control Devices (MUTCD). Part IX of the MUTCD, Traffic Controls for Bicycle Facilities, covers the bicycle related signs, pavement markings, and signals which may be used on highways or bikeways. Part IX is applicable to shared use paths (nonmotorized multiple-use trails which may provide a transportation purpose). The publication Standard Highway Signs has the detailed drawings for the highway signs prescribed in the MUTCD. These documents are available for purchase from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

Signs which do not function as traffic control devices are not subject to the MUTCD. However, informational signs and kiosks must take into consideration the needs of various users, such as: people who are blind or who have low vision, people who use wheelchairs, and children.

Environmental Screening Form (ESF)

This is a working tool for planners and decision-makers to use to identify the degree of potential impacts to resources that may occur as a result of federal approval of the proposal. It also serves as the administrative record documenting the applicant's efforts to identify and consider impacts during proposal development. Your ESF responses may change as the planning process refines the proposal that will ultimately be submitted along with the final completed ESF for federal review and decision.

As early as possible in your planning process, consider how your proposal/project may have direct, indirect, and cumulative impacts on the human environment. Early identification of possible environmental resource impacts can be used during proposal development and assist in identifying ways to lessen impacts. Initiating or completing environmental analysis after a decision has been made is contrary to both the spirit and letter of the law of the National Environmental Policy Act.

The ESF should be completed with input from resource experts and in consultation with relevant local, state, tribal, and federal governments, as applicable. The interested and affected public should be notified of the proposal and invited to provide input as well. At a minimum, a site inspection of the affected area must be conducted by individuals who are familiar with the type of affected resources, possess the ability to identify potential resource impacts, and know when to seek additional data when needed.

At the time of proposal submission, the completed ESF should reflect the applicant's final determination of the extent to which the proposal will impact the list of resources on the form. The results of the completed ESF will assist in the identification of the appropriate NEPA pathway to be followed, i.e., categorical exclusion (CE), environmental assessment (EA), environmental impact statement (EIS). Also, the completed ESF will identify the resource topics and issues that should be presented and analyzed in an EA or an EIS, if required.

The ESF contains two parts that must be completed, Part A. Impacts to Environmental Resources and Part B. Mandatory Criteria.

Part A: For each environmental resource topic, choose an impact estimate level (none, negligible, minor, exceeds minor) that describes the degree of potential negative impact that may occur directly, indirectly and cumulatively as a result of federal approval of your proposal. These impact levels should be used to estimate specific impact levels on each separate resource and must be accompanied with a brief explanation of how the resource might be affected, how the impact level was determined, and why the chosen impact level is appropriate. If an environmental review has already been conducted on your proposal, is still viable, and it includes planned mitigation, explain this for each applicable resource and choose an impact level as mitigated. If the resource does not apply to your proposal, mark NA in the first column. Add any relevant resources (see A24) if not included in the list.

Use a separate sheet to explain all potential adverse impacts (negligible, minor, and those exceeding minor) as well as to indicate the type of data that still needs to be determined for each of the applicable resources listed below. Describe direct, indirect, and cumulative

impacts as well as any planned mitigation already addressed in previous environmental reviews.

Part B: This is a list of mandatory impact criteria that preclude the use of categorical exclusions. If you answer "yes" or "maybe" for any of the mandatory criteria, you must develop an EA or EIS regardless of your answers in Part A. Explain all "yes" and "maybe" answers on a separate sheet.

Indicate potential for **adverse** impacts.

A. ENVIRONMENTAL RESOURCES	No Impacts or Not Applicable	Negligible Impacts	Minor Impacts	Impacts Exceed Minor EA/EIS required	More Data Needed to Determine EA/EIS required
1. Geological resources: soils, bedrock, slopes, streambeds, landforms, etc.					
2. Air quality					
3. Sound (noise impacts)					
4. Water quality/quantity					
5. Stream flow characteristics					
6. Marine/estuarine					
7. Floodplains/wetlands					
8. Land use/ownership patterns; property values; community livability					
9. Circulation, transportation					
10. Plant/animal/fish species of special concern and habitat; state/federal listed or proposed for listing					
11. Unique ecosystems, such as biosphere reserves, World Heritage sites, old growth forests, etc.					
12. Unique or important wildlife/wildlife habitat					
13. Unique or important fish/habitat					
14. Introduce or promote invasive species (plant or animal)					
15. Recreation resources, including parks, open space, conservation areas, rec. trails, facilities, services, opportunities, public access, etc.)					
16. Accessibility for populations with disabilities					
17. Overall aesthetics, special characteristics/features					
18. Historical/cultural resources, including landscapes, ethnographic, archeological, structures, etc.					
19. Socioeconomics, including employment, occupation, income changes, tax base, infrastructure					
20. Minority and low-income populations					
21. Energy resources (geothermal, fossil fuels, etc.)					
22. Other agency or tribal land use plans or policies					
23. Land/structures with history of contamination/hazardous materials even if remediated					
24. Other important environmental resources that should be addressed					

B. MANDATORY CRITERIA If your proposal is approved, would it...	Yes	No	To be determined
1. Have significant impacts on public health or safety?			
2. Have significant impacts on such natural resources and unique geographic characteristics as historic or cultural resources; park, recreation, or refuge lands, wilderness areas; wild or scenic rivers; national natural landmarks; sole or principal drinking water aquifers; prime farmlands; wetlands (E.O. 11990); floodplains (E.O. 11988); and other ecologically significant or critical areas?			
3. Have highly controversial environmental effects or involve unresolved conflicts concerning alternative uses of available resources [NEPA section 102(2)(E)]?			
4. Have highly uncertain and potentially significant environmental effects or involve unique or unknown environmental risks?			
5. Establish a precedent for future action or represent a decision in principle about future actions with potentially significant environmental effects?			
6. Have a direct relationship to other actions with individually insignificant, but cumulatively significant, environmental effects?			
7. Have significant impacts on properties listed or eligible for listing on the National Register of Historic Places, as determined by either the bureau or office?(Attach SHPO/THPO Comments)			
8. Have significant impacts on species listed or proposed to be listed on the List of Endangered or Threatened Species, or have significant impacts on designated Critical Habitat for these species?			
9. Violate a federal law, or a state, local, or tribal law or requirement imposed for the protection of the environment?			
10. Have a disproportionately high and adverse effect on low income or minority populations (Executive Order 12898)?			
11. Limit access to and ceremonial use of Indian sacred sites on federal lands by Indian religious practitioners or significantly adversely affect the physical integrity of such sacred sites (Executive Order 13007)?			
12. Contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area, or actions that may promote the introduction, growth, or expansion of the range of such species (Federal Noxious Weed Control Act and Executive Order 13112)?			
C. CATEGORICAL EXCLUSION CRITERIA			
13. Is the area previously disturbed and unlikely to result in any excavation beyond surface disturbance possibly impacting archaeology?			
14. Is the area regularly mowed and therefore unlikely to contain endangered species?			
15. Is there any surface water within direct proximity to the project which would require protection from construction impacts?			

Environmental Reviewers

The following individual(s) provided input in the completion of the environmental screening form. List all reviewers including name, title, agency, field of expertise. Keep all environmental review records and data on this proposal in state compliance file for any future program review and/or audit. There must be at least one person listed here.

- 1. _____
- 2. _____
- 3. _____

The following individuals conducted a site inspection to verify field conditions. List name of inspector(s), title, agency, and date(s) of inspection. There must be at least one person listed here.

- 1. _____
- 2. _____
- 3. _____

Signature of Chief Elected Official here:

Signature

Date

Environmental Checklist For Recreational Trails Program Project

County: _____

Project Location: _____

Project Sponsor/Applicant: _____

Project Description: _____

Concurrence from Alabama Historical Commission attached?	Yes ___	No ___
Concurrence from U.S. Fish and Wildlife Services attached?	Yes ___	No ___
Concurrence from the U.S. Army Corps of Engineers attached?	Yes ___	No ___
Tribal Consultation attached?	Yes ___	No ___
Was the property acquired before January 1992?	Yes ___	No ___
If "No" explain property acquisition process (Use additional sheets if necessary):		

Note: If you have not received the concurrence letters by the application deadline, submit copies of the request letters. Concurrences over five (5) years old cannot be used and new concurrences must be obtained.

Required Letters of Concurrence and Release of Conditions

US Army Corps of Engineers

Mobile District Corps of Engineers	Nashville District Corps of Engineers
Chief, Regulatory Branch	Western Regulatory Field Office
Post Office Box 2288	2424 Danville Road, SW, STE N
Mobile, Alabama 36628-0001	Decatur, Alabama 35603
Phone: 251-690-2658	Phone Number: 256-350-5620

Alabama Historical Commission: Lee Anne Wofford, Deputy SHPO, Alabama Historical Commission, 468 South Perry Street, Montgomery, Alabama 36130-0900, Phone: 334-242-3184.

US Fish And Wildlife Service: Mr. Bill Pearson, Field Supervisor, US Fish and Wildlife Service, 1208-B Main Street, Daphne, Alabama 36526-4419, 251-441-5181.



3873 Glencoe Drive
Mountain Brook, Alabama 35213

Sam Gaston, City Manager
City Hall, City of Mountain Brook
56 Church Street
Mountain Brook, AL 35213

Dear Mr. Gaston,

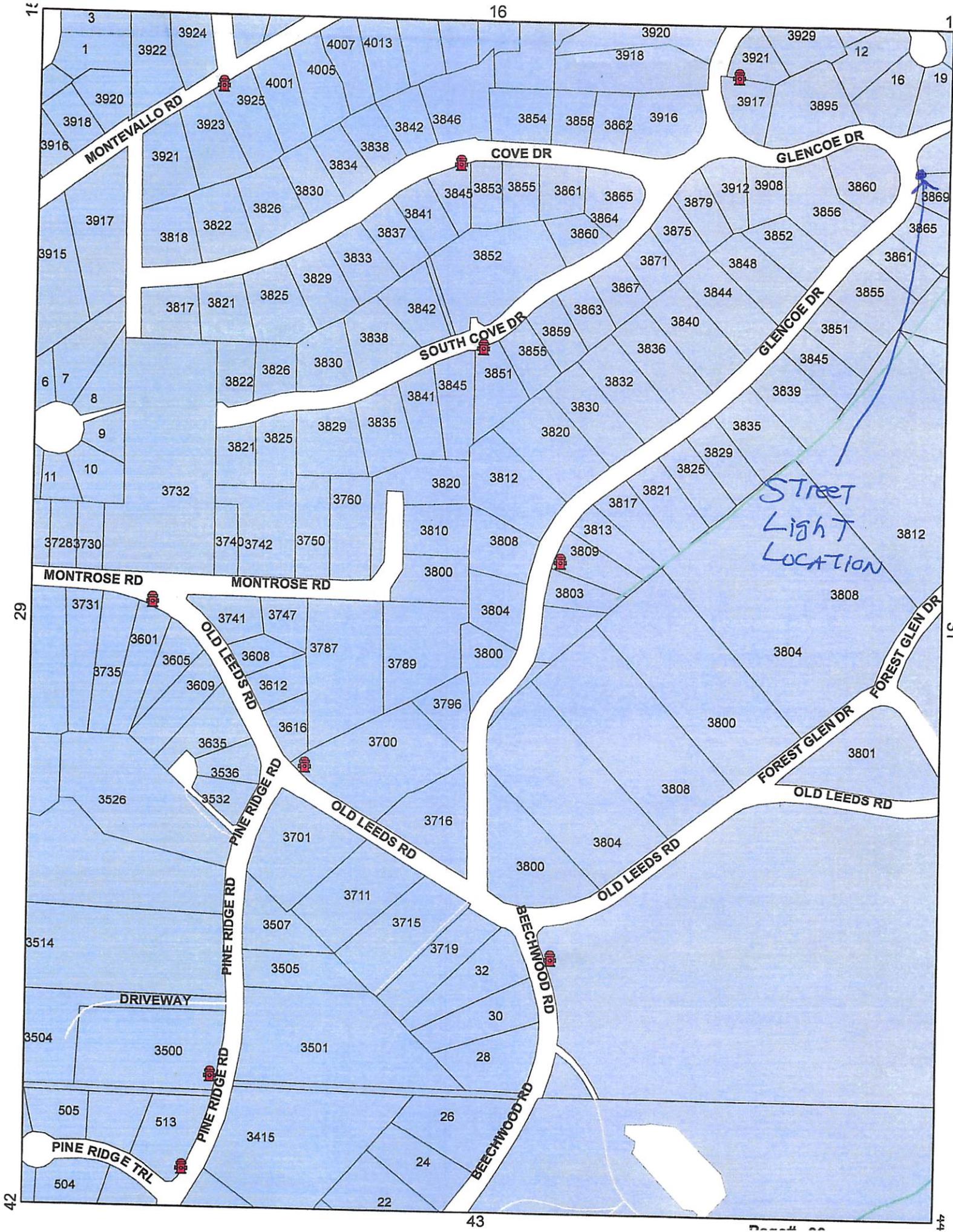
The streetlight in front of my house has been lit for the last 30-40 years that I have lived in this house. It has been out for the last 3-4 months. I have notified the city about this, but thus far it has not been re-lit. I am now told that the city does not own the pole or light and nor does the Power Company. I do not own it, nor does my next-door neighbor. Consequently, I need you help to have the light re-lit and maintained properly. The pole is on the corner of Glencoe and Glenview Drives and is heavily trafficked. I believe it would be beneficial for the corner stop sign to be illuminated.

Thank you for your help.



Dr. John T. Eagan, Sr.

Cell: 205-960-1041



Street
Light
Location

1E

16

1

29

1C

42

43

44