

CITY OF YUBA CITY
STAFF REPORT

Date: October 15, 2019

To: Honorable Mayor & Members of the City Council

From: Community Services Department

Presentation by: Benjamin Moody, Deputy Public Works Director – Engineering

Summary

Subject: Blackburn Talley Field Lighting Phase Two Project Award

Recommendation:

- A. Adopt a resolution adopting a CEQA Class 1 Categorical Exemption; awarding a construction contract to Musco Sports Lighting, LLC in the amount of \$272,824.85 by piggybacking on Sourcewell Contract No. 071619-MSL, with the finding that it is in the best interest of the City; and authorizing the City Manager to execute an agreement for the Blackburn Talley Field Lighting Phase Two project.
- B. Authorize the Finance Director to make a supplemental appropriation and related transfers in the amount of \$26,466.09 from unallocated general capital improvement project funds to CIP Account No. 901234-65501 for the additional funds necessary to complete construction.

Fiscal Impact: \$286,466.09 – Account No. 901234 (Blackburn-Talley Field Lighting Replacement)

\$272,824.85 – Contract Award Amount
\$13,641.24 – (5%) Construction Contingency

Purpose:

To improve park safety and reduce maintenance needs at Blackburn-Talley Sports Complex.

Background:

In the winter of 2017, the City began the first of a multi-phase project to upgrade the existing metal halide lighting system at the Blackburn Talley Sports Complex to LED light fixtures. The first phase included the removal and replacement of all existing light poles, lights, and wiring on Field #1, installation of shared light poles between Fields #1 and #2, and the installation of a new light control system. The proposed second phase of work calls for the removal and replacement of the remaining light poles, lights, and wiring on Field #2.

The upgrade to the LED system will reduce the current energy demand for the lighting system and provide a higher quality of light on the field with less glare to adjacent areas, including Garden Highway and Burns Drive. An additional benefit of the new equipment is that it includes a 25-year maintenance plan for parts and labor as part of the equipment warranty, thereby reducing future liabilities and costs compared to the maintenance needs of the existing equipment.

Lastly, the second phase project will remove the last of the remaining poles which have the anchor-bolt foundation system that has been subject to failure in the past. The new pole foundation system consists of a precast concrete base and a sleeved pole which slides on top of the base, mitigating any risks of failure due to corrosion or loose fasteners.

Analysis:

During the first phase of the project, the City utilized the competitive bid process per the Public Contract Code to procure the construction contract, as the City believed inviting more contractors to bid the installation of the lighting system would encourage a more competitive bid environment. Based on the bid results from the previous phase of work, the City believes that utilizing the Sourcewell Cooperative Program's (formerly known as the National Joint Powers Alliance) ability to gather nationwide bids for products and services will result in a time and cost efficiencies in the procurement process and better purchasing leverage due to the nationwide scope.

Staff's recommendation is to utilize Sourcewell for the procurement of the Blackburn Talley Field Lighting Phase II construction contract, as is allowed under the City's Purchasing Policies and Procedures, to capitalize on the cost savings of the nationwide contract.

Fiscal Impact:

Based on the Sourcewell quote, the project will cost \$272,824.85. Additionally, staff is requesting a 5-percent construction contingency of \$13,641.24 for any unforeseen circumstances that may arise during construction. The project will be funded through Account No. 901234 (Blackburn Talley Field Lighting Replacement). Staff is requesting that additional unallocated general capital improvement project funding be authorized to cover the unfunded portion of project costs. It is anticipated that any contingency funds that are not used in phase two will be rolled over into the next phase for Field #3.

With the installation of the LED system, the long-term energy and maintenance costs to the City will be reduced while providing better lighting.

Environmental:

Staff has performed a preliminary environmental assessment of this project and has determined that it falls within the Class 1 Categorical Exemption set forth in CEQA Guidelines Section 15301, as the removal of existing light structures and installation of new light structures and necessary wiring within existing City facilities are defined as minor alterations of existing public facilities, involving negligible or no expansion. Further, none of the exceptions to Categorical Exemptions set forth in CEQA Guidelines 15300.2 apply to this project.

Alternatives:

1. Direct staff to conduct a formal bid process, which may cause project delay and increase costs.
2. Do not authorize the purchase and direct staff to delay the second phase of construction until FY 20-21.

Recommendation:

- A. Adopt a resolution adopting a CEQA Class 1 Categorical Exemption; awarding a construction contract to Musco Sports Lighting, LLC in the amount of \$272,824.85 by piggybacking on Sourcewell Contract No. 071619-MSL, with the finding that it is in the best interest of the City; and authorizing the City Manager to execute an agreement for the Blackburn Talley Field Lighting Phase Two project.

B. Authorize the Finance Director to make a supplemental appropriation and related transfers in the amount of \$26,466.09 from unallocated general capital improvement project funds to CIP Account No. 901234-65501 for the additional funds necessary to complete construction.

Attachments:

1. Resolution
 - a. Attachment A – Quote
2. Exhibit

Prepared by:

/s/ Joshua Wolfe
Joshua G. T. Wolffe
Assistant Engineer

Submitted by:

/s/ Michael Rock
Michael Rock
City Manager

Reviewed by:

Department Head	<u>DL</u>
Finance	<u>RB</u>
Other	<u>BM</u>

ATTACHMENT 1

RESOLUTION NO. _____

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF YUBA CITY
ADOPTING A CEQA CLASS 1 CATEGORICAL EXEMPTION; AWARDING A
CONSTRUCTION CONTRACT TO MUSCO SPORTS LIGHTING, LLC IN THE
AMOUNT OF \$272,824.85 BY PIGGYBACKING ON SOURCEWELL
CONTRACT NO. 071619-MSL, WITH THE FINDING THAT IT IS IN THE BEST
INTEREST OF THE CITY; AND AUTHORIZING THE CITY MANAGER TO
EXECUTE AN AGREEMENT FOR THE BLACKBURN TALLEY FIELD
LIGHTING PHASE II PROJECT**

WHEREAS, the City of Yuba City desires to piggyback on Sourcewell Cooperative Contract No. 071619-MSL for the procurement of the Blackburn Talley Field Lighting Phase II construction contract at a competitively bid, negotiated price; and,

WHEREAS, Sourcewell Cooperative awarded Contract No. 071619-MSL to Musco Sports Lighting, LLC of Oskaloosa, IA following a nationwide competitive Request for Quotation process; and,

WHEREAS, City Public Works Department staff previously procured the first phase of this project through the Public Contract Code methodology and determined that utilizing Sourcewell Cooperative for procurement will allow for earlier project delivery and cost savings; and

WHEREAS, the City desires to award the bid to Musco Sports Lighting, LLC of Oskaloosa, IA by piggybacking on the Sourcewell Cooperative Contract No. 071619-MSL negotiated price of \$272,824.85

NOW, THEREFORE, be it resolved by the City Council of Yuba City as follows:

1. The City Council finds and determines that a Class 1 Categorical Exemption set forth in the California Environmental Quality Act (CEQA) Guidelines, Section 15301, applies to this project, as the removal of existing light structures and installation of new light structures and necessary wiring within existing City facilities are defined as minor alteration of existing public facilities, involving negligible or no expansion. Further, none of the exceptions to Categorical Exemptions set forth in CEQA Guidelines 15300.2 apply to this project.
2. The City Council of the City Yuba City awards the construction contract to Musco Sports Lighting, LLC of Oskaloosa, IA by piggybacking on the Sourcewell Cooperative Contract No. 071619-MSL negotiated price of \$272,824.85, with the finding that it is in the best interest of the City. The City Manager is authorized to execute any agreement or other document required for the purchase subject to approval as to legal form by the City Attorney.

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The foregoing resolution was duly and regularly introduced, passed, and adopted by the City Council of the City of Yuba City at a regular meeting thereof held on the 15th day of October 2019.

AYES:

NOES:

ABSENT:

Shon Harris, Mayor

ATTEST:

Patricia Buckland, City Clerk

APPROVED AS TO FORM
COUNSEL FOR YUBA CITY:

Shannon Chaffin, City Attorney
Aleshire & Wynder, LLP

Attachment(s):

- A. Quote – Sourcewell Contract Number 071619-MSL

ATTACHMENT A

Date: September 25, 2019

Project: Blackburn Talley Softball Phase 2
Yuba City, California
Ref: 189123

Sourcewell (Formerly NJPA)

Master Project: 199030, Contract Number: 071619-msl, Expiration: 08/27/2023

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

Quotation Price – Materials Delivered to Job Site and Installation

Softball Field #2 -	\$ 264,000.00
Sales Tax -	\$ 8,824.85
Softball Field #2 -	\$ 272,824.85

Bonding is not included.

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

Light-Structure System with Total Light Control – TLC for LED™ technology

Guaranteed Lighting Performance

- Guaranteed light levels of 50 footcandles infield and 30 footcandles outfield
- BallTracker™ technology – targeted light, optimizing visibility of the ball in play with no glare in the players typical line-of-sight

System Description

- 4 Pre-cast concrete bases with integrated lightning grounding
- 4 Galvanized steel poles
- Factory wired and tested remote electrical component enclosures
- Pole length, factory assembled wire harnesses
- 4 Factory wired poletop luminaire assemblies
- 22 Factory aimed and assembled luminaires, including BallTracker™ luminaires
- UL Listed assemblies

Operation and Warranty Services

- Reduction of energy and maintenance costs by 40% to 85% over typical 1500W metal halide equipment
- Product assurance and warranty program that covers materials and onsite labor, eliminating 100% of your maintenance costs for 25 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

Installation Services Provided

Customer Responsibilities:

1. Complete access to the site for construction using standard 2 wheel drive rubber tire equipment.
2. Locate existing underground utilities not covered by your local utilities. i.e. water lines, electrical lines, irrigation systems and sprinkler heads. Musco or Subcontractor will not be responsible for repairs to unmarked utilities.
3. Locate and mark field reference points per Musco supplied layout. (e.g. home plate, center of FB field)
4. Customer to pay for extra costs associated with foundation excavation in non-standard soils (rock, caliche, high water table, collapsing holes, etc.). Standard soils are defined as soils that can be excavated using standard earth auguring equipment.



Quote

5. Customer responsible for any necessary power company fees and requirements.
6. Customer responsible for all permitting fees (payment). Contractor will obtain the required permitting.
7. Customer to provide area on site for disposal of spoils from foundation excavation and dumpsters.
8. Provide sealed Electrical Plans. (If required)

Musco Responsibilities:

1. Provide required poles, fixtures, foundations, electrical enclosures and control cabinets.
2. Provide layout of pole locations and aiming diagram.
3. Provide Project Management as required.
4. Provide stamped foundation designs based on 2500psf soils.
5. Musco shall provide Performance and Payment Bonds in an amount equal to the total amount of bid. **(Only if Required, Not included in quote)**

Musco Subcontractor Responsibilities General:

1. Provide equipment and materials to off load equipment at jobsite per scheduled delivery.
2. Provide storage containers for material, (including electrical components enclosures), as necessary and waste disposal.
3. Provide adequate security to protect Musco delivered products from theft, vandalism or damage during the installation.
4. Obtain any required permitting.
5. Confirm the existing underground utilities and irrigation systems have been located and are clearly marked so as to avoid damage from construction equipment. Repair any such damage during construction.
6. 1 hour comprehensive burn of all lights on each zone.
7. Keep all heavy equipment off of playing fields when possible. Repair damage to grounds which exceeds that which would be expected. Indentations caused by heavy equipment traveling over dry ground would be an example of expected damage. Ruts and sod damage caused by equipment traveling over wet grounds would be an example of damage requiring repair.
8. Provide startup and aiming as required to provide complete and operating sports lighting system.

Musco Subcontractor Responsibilities Demolition:

1. Demolition of the existing lighting poles, fixtures and electrical enclosures and leave at owner designated location on-site.
2. Leave existing power feed in place for connection to new pole locations.

Musco Subcontractor Responsibilities – Foundations, Poles and Fixtures:

1. Mark and confirm pole locations per the aiming drawing provided. If there are any issues, immediately notify your Musco Project Manager.
2. Provide materials and equipment to install (4) LSS foundations as specified on Layout and per the stamped foundation drawings, if applicable.
3. Remove spoils to owner designated location at jobsite.
4. Provide materials and equipment to assemble (22) Musco TLC-LED fixtures, electrical enclosures, poles and pole harnesses.
5. Provide equipment and materials to erect (4) dressed LSS Poles and aim utilizing the pole alignment beam.

Musco Subcontractor Responsibilities – Electrical:

1. Provide materials and equipment to install new electrical service panels as required.
2. Provide materials and equipment to install all underground conduit, wiring, pull boxes etc. and terminate wiring as required.
3. Provide as built drawings on completion of installation, **(if required)**.
4. Provide a dedicated 20amp breaker connected to all available phases for powerline communication
5. Check all Zones to make sure they work in both auto and manual mode.
6. Contractor will commission Control Link by contacting Control Link Central at (877-347-3319).



Payment Terms

Musco's Credit Department will provide payment terms.

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

Musco Sports Lighting, LLC

Attn: Amanda Hudnut

Fax: 800-374-6402

Email: musco.contracts@musco.com

All purchase orders should note the following:

Sourcewell (Formerly NJPA) purchase – Contract Number: 071619-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 = 2016 CBC, 110 mi/h, Exposure C
- 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.

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

Jasen Deniz

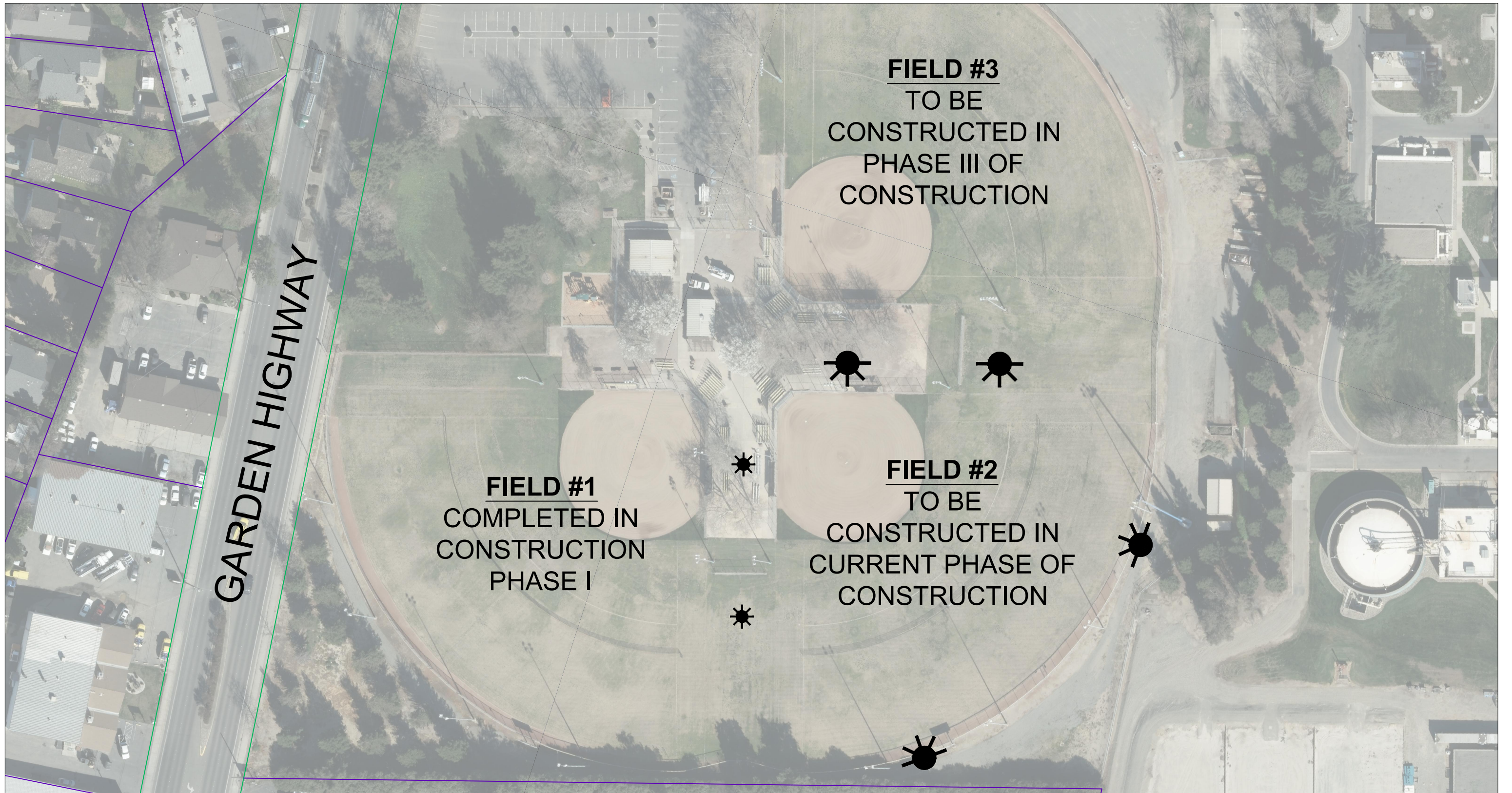
Musco Sales Representatives

Musco Sports Lighting, LLC

Phone: 530/742-7429

E-mail: jasen.deniz@musco.com


ATTACHMENT 2



BLACKBURN TALLEY FIELD LIGHTING PHASE II - PROJECT EXHIBIT

LEGEND:

 - NEW LIGHT POLE INSTALLED DURING PHASE II CONSTRUCTION

 - SHARED USE POLE BETWEEN FIELD #1 & FIELD #2
(CONSTRUCTED IN PHASE I OF CONSTRUCTION)



SCALE: 1" = 80'