



# STAFF REPORT

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December 7, 2022  
File Number 0600-10; A-2980

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## SUBJECT

### RYAN PARK FIELD EXPANSION AND LIGHTING PROJECT

## DEPARTMENT

Public Works/Parks

## RECOMMENDATION

Request that the City Council adopt Resolution No. 2022-157, authorizing an amendment to the scope of the Ryan Park Field Expansion and Lighting Capital Improvement Project (Project No. 501205) and authorizing the Mayor to execute an agreement with MUSCO Sports Lighting, LLC ("MUSCO") for equipment to light two additional soccer fields at Frances Ryan Park with light-emitting diode ("LED") technology in an amount not to exceed \$276,700 utilizing Park Development funds.

Staff Recommendation: Approval (Public Works: Joseph Goulart, Director of Public Works)

Presenter: Wayne Thames, Public Works Superintendent

## FISCAL ANALYSIS

The Ryan Park Field Lighting Expansion Project is funded at \$350,000 by Park Development Fees allocated in Fiscal Year 2021-2022 in Fund No. 109, Project No. 501205. This amended project scope does not change the overall budget or allocation for this project.

## PREVIOUS ACTION

On June 9, 2021, the City Council adopted Resolution No. 2021-87 approving the five-year Capital Improvement Program for Fiscal Year 2021/2022-2025/2026 budgets and allocations in which the Ryan Park Field Expansion and Lighting Project was identified to receive \$350,000 in Fiscal Year 2021-2022 Park Development fund allocations.

## BACKGROUND

Frances Ryan Park contains 67 acres, 42 of which are currently developed. There are currently eight athletic fields, five with lights and two without. Ryan Park is home to the Escondido Soccer Club, and is used by many other non-profit groups and citizens.



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The original scope of the Ryan Park Field Expansion and Lighting Project included the creation of one new field and the installation of two new light poles and two fixtures on existing fields to accommodate additional playing and practice times. However, upon further consultation with representatives of the Escondido Soccer Club and consideration of community feedback received regarding evening open play opportunities, staff recommend that the scope of the project be revised to instead install four new light poles and six light features onto existing fields. This will not change the overall project budget.

The existing MUSCO soccer field lights were installed on field one (1) thru field five (5) when the park was constructed in 2004. The revised Ryan Park Field Expansion and Lighting Project proposes installing lighting on field six (6) and field seven (7) which will increase usability during the winter months and provide additional field space for practices, tournament play, and public use in the late afternoon and evening hours when we see our highest demand for field space. Additionally, adding a new field would necessitate the removal of approximately 150 overflow parking spaces which would create negative impacts on parking and traffic for park attendees as well as the surrounding neighborhoods.

All City recreation facilities that have sports field lighting utilize MUSCO lights, poles, fixtures, and Control-Link controllers. The leagues who utilize these facilities are assigned special access codes to the lighting controller. Leagues are given the authority to program the lights through MUSCO Control-Link controllers, which tracks usage data for each facility for accurate billing back to the leagues.

MUSCO LED lighting fixtures have an average life span of 100,000 hours, require no warm up period, and are more energy efficient than metal-halide lamps. This equates to a 40% reduction in energy usage and significantly reduces maintenance over the life span of the lighting fixture. LED fixtures will reduce light spill, which often impacts the surrounding areas near sports fields and provides total light control to increase field lighting with pinpoint precision.

To retain the compatibility and standardization of existing MUSCO equipment, Escondido Municipal Code Chapter 10, Article 6, Division 1, Section 10-103, allows for the formal bidding procedures to be dispensable where an item is required to match or be compatible with equipment presently on hand. With the Ryan Park Field Expansion and Lighting project, we will be utilizing existing MUSCO Control-Link controllers. All lighting fixtures must be compatible with existing MUSCO Control-Link controllers and adhere to MUSCO engineering specifications. Additional MUSCO benefits include a warranty that covers materials and onsite labor thus eliminating 100% of maintenance costs for 25 years.

## RESOLUTIONS

a. Resolution No. 2022-157

a. Resolution No. 2022-157 Exhibit "A" – Ryan Park MUSCO Lighting Quote