

Strategic Planning of Sports Fields and Lighting in the City of Tucson

*A Presentation
for the Tucson
Bond Advisory
Committee*

October 16, 2013



PR 35 City of Tucson Sports Fields and Lighting

Background

Fatality in 2008 at Reid Park

Testing – all sports lighting systems city wide (\$1m). Failed systems were de-energized

Replacement program – City of Tucson funding was used to replace systems that were de-energized (\$4.15 m)

New way of doing business – design and construction standards developed

GIS inventory – strategic planning to identify old light systems and new lighting opportunities



PR 35 City of Tucson Sports Fields and Lighting

Developed Strategic Approach to Lighting System Replacements and New Lighting Systems

GIS Inventory and Analysis

- Identified location of all lighting systems that are beyond their lifespan
- Identified locations of all fields and whether they are lighted or not
- Analysis now possible – long range planning for replacing old light systems, locations of existing fields that are currently not lighted but could be, locations for potential new fields with lights to complement existing

Development of PR 35

- Used GIS analysis to create list of replacement lighting systems, new lights on existing fields and new fields with lights

PR 35 City of Tucson Sports Fields and Lighting

Tentatively Approved

\$10 million funding request

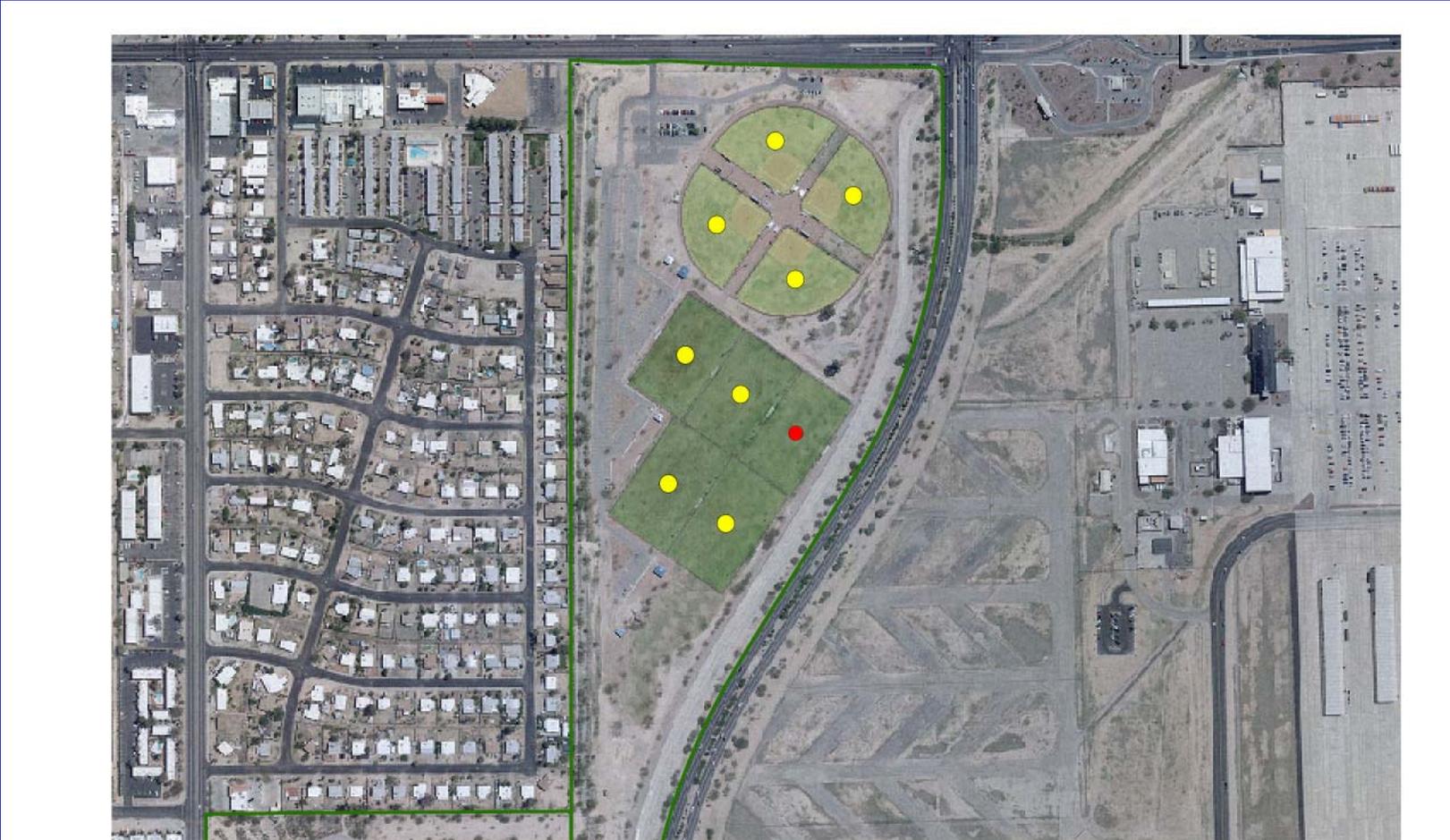
Specific list of sites – replacements, new lights on existing fields, new fields with new lights

Key Points

- **Replacements are capital investments**
- **Total cost is more than \$10 million**
- **\$7.25 million to replace lights, \$61.975 million to add new lights on existing fields and new fields with lights**
- **City of Tucson has invested \$5.15 million since 2008 on replacements**

Prioritizing New Fields with Lights and New Lighting on Existing Fields

Golf Links Park – light existing soccer field



Prioritizing New Fields with Lights and New Lighting on Existing Fields

Palo Verde Park – light existing softball field



Prioritizing New Fields with Lights and New Lighting on Existing Fields

Jacobs Park – light existing multi-purpose fields



Prioritizing New Fields with Lights and New Lighting on Existing Fields

Rudy Garcia Park – light existing soccer field



Legend
SportsFields
LIGHTS
● NO
● YES

RUDY GARCIA PARK 01
METRO PARK
Asset Data Collected By: Norris Design
Maps Prepared By Norris Design - Tucson AZ - December 2009

Prioritizing New Fields with Lights and New Lighting on Existing Fields

Mission Manor Park –
light existing Little
League field; light and
modify 2 existing soccer
fields



Legend	
SportsFields	
LIGHTS	
●	NO
●	YES

MISSION MANOR PARK
COMMUNITY PARK
Asset Data Collected By: Norris Design
Maps Prepared By Norris Design - Tucson AZ - December 2009

PR 35 City of Tucson Sports Fields and Lighting

Replacing a Lighting System That's Beyond its Useful Life Span is a Capital Investment

