

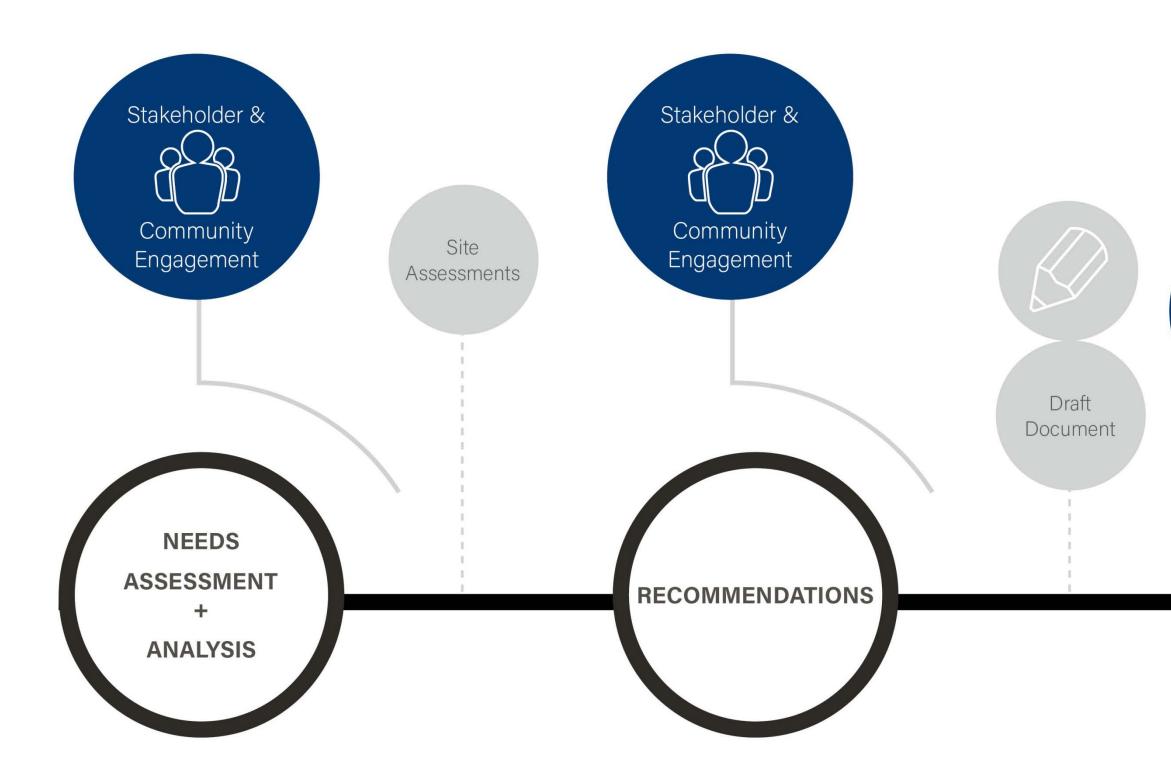
FRESNO PARKS MASTER PLAN Document Launch October 12, 2017

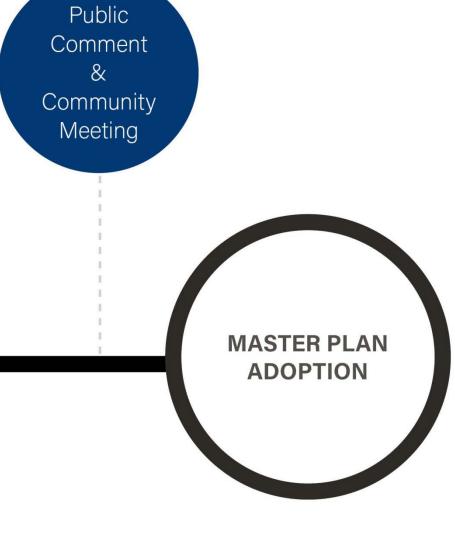
Why a Parks Master Plan?

- Planning tool for parks
- Last parks master plan = 1989
- Growing population, changing city
- Current park conditions



Process & Engagement







Process & Engagement





Stakeholders

Workshops

Fresno Parks Master Plan: Document Launch





Community



Assessment & Findings / How are we doing?

- Finances & Operations
- Park Conditions
- Park Acreage
- Gaps / Access quality & quantity



Assessment & Findings / Finances & Operations

CAPITAL INVESTMENT

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LIFECYCLE REPLACEMENT

TOTAL COST OF OWNERSHIP



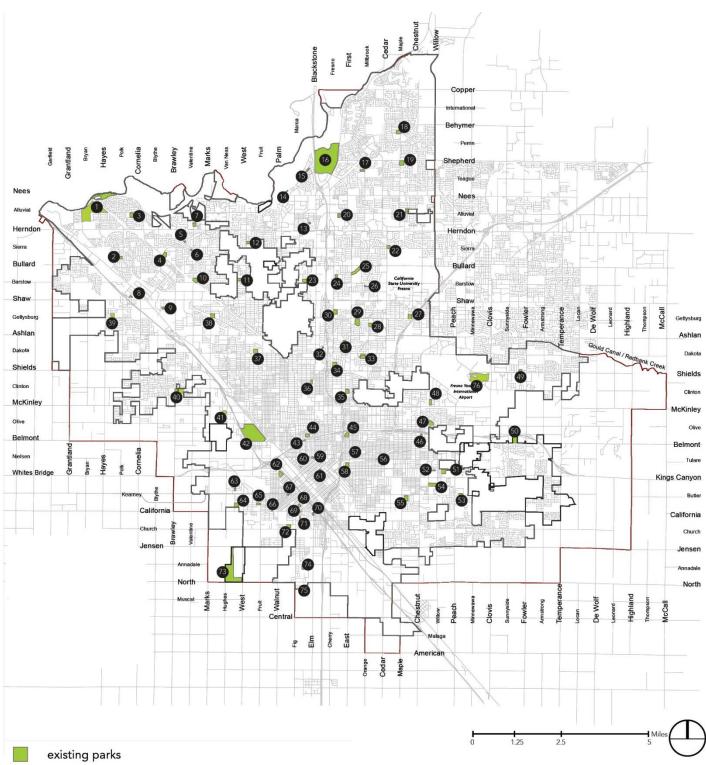
Assessment & Findings / Finances & Operations

- PARCS: Operates as best they can with limited resources
- Maintenance: \$5 million more needed annually
- Lifecycle Replacement: \$112 million currently needed

\$17 million annual increase needed



Assessment & Findings / Park Acreage

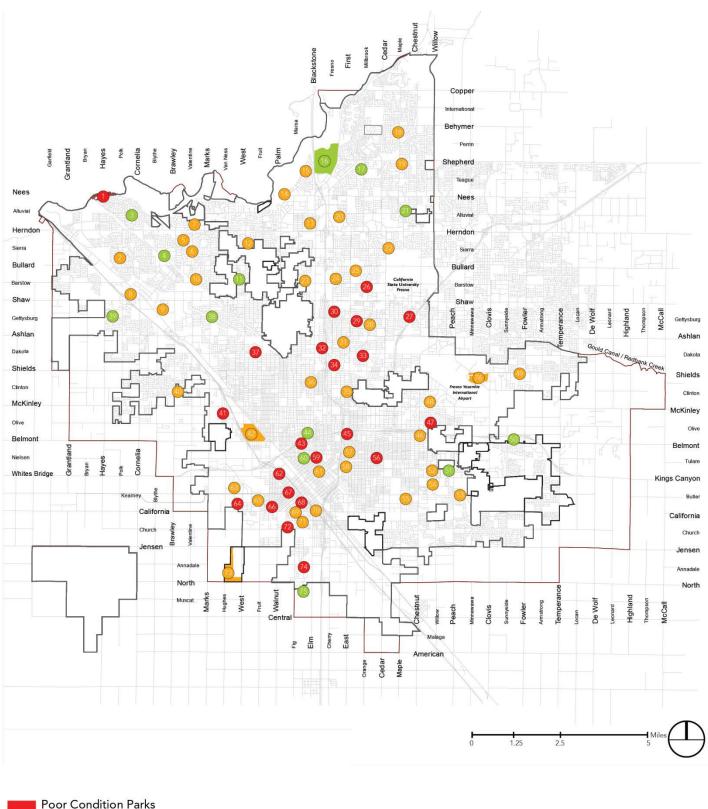


Note: An extra \$10,000 - \$15,000 for maintenance costs is needed for each acre added

- **City of Fresno Park Land &**
- General Plan Level of Service Goals
 - 1,023 acres (existing)
 - +1,113 acres (2017 need)
 - +1,769 acres (2035 need)



Assessment & Findings / Park Conditions

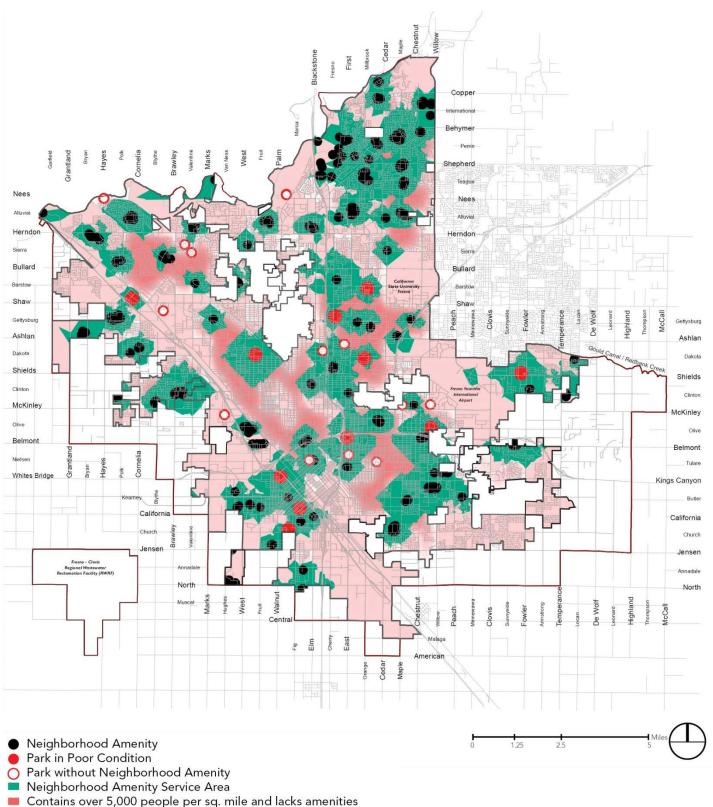


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Fair Condition Parks Good Condition Parks 20% Good **50% Fair 30% Poor**



Assessment & Findings / Amenity Gaps



Contains less than 5,000 people per sq. mile and lacks amenities

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Neighborhood Amenity Gaps

- Park conditions
- Accessibility
- Park deserts



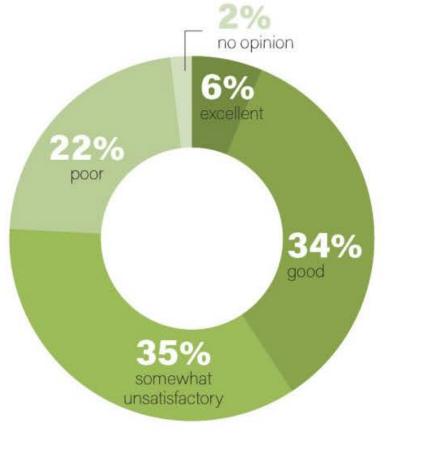
Assessment & Findings / Community

PARKS AND AMENITIES RATINGS FOR **FRESNO FROM SURVEYS**



junior giants

youth program







youth sports

HIGHEST DEMAND FOR RECREATION FACILITY



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after school programs

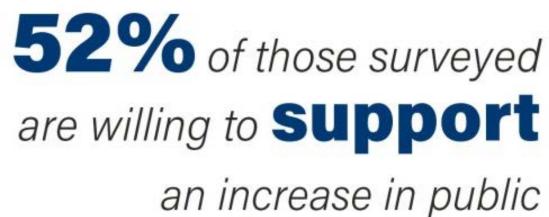


Assessment & Findings / Community

Parks Are Highly Valued

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funding for parks.



What can we accomplish in 10 years?

Improve what you have

Close the gaps

Secure the parks



Strategy: Improve what you have





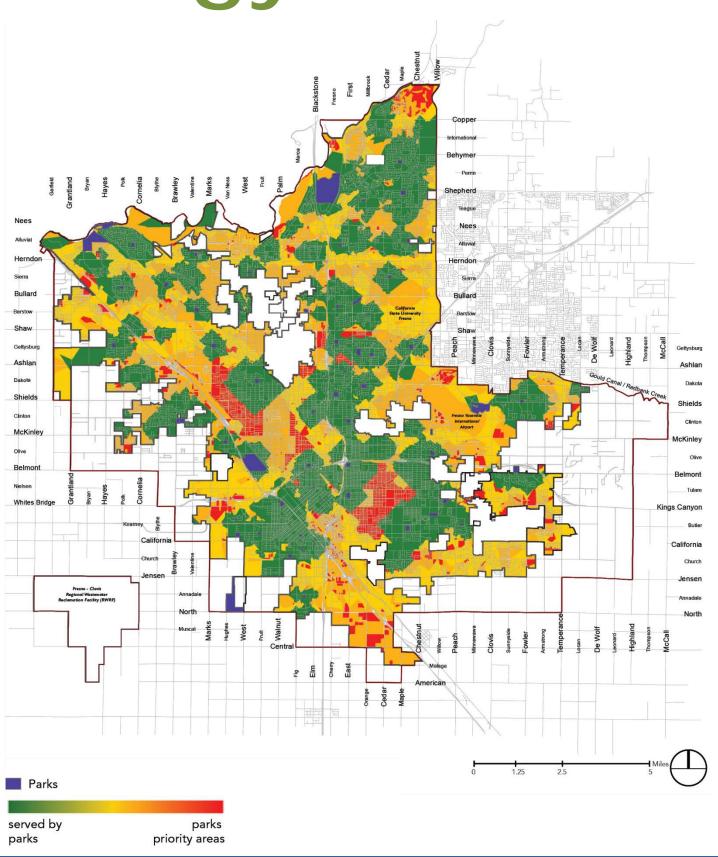


Strategy: Improve what you have



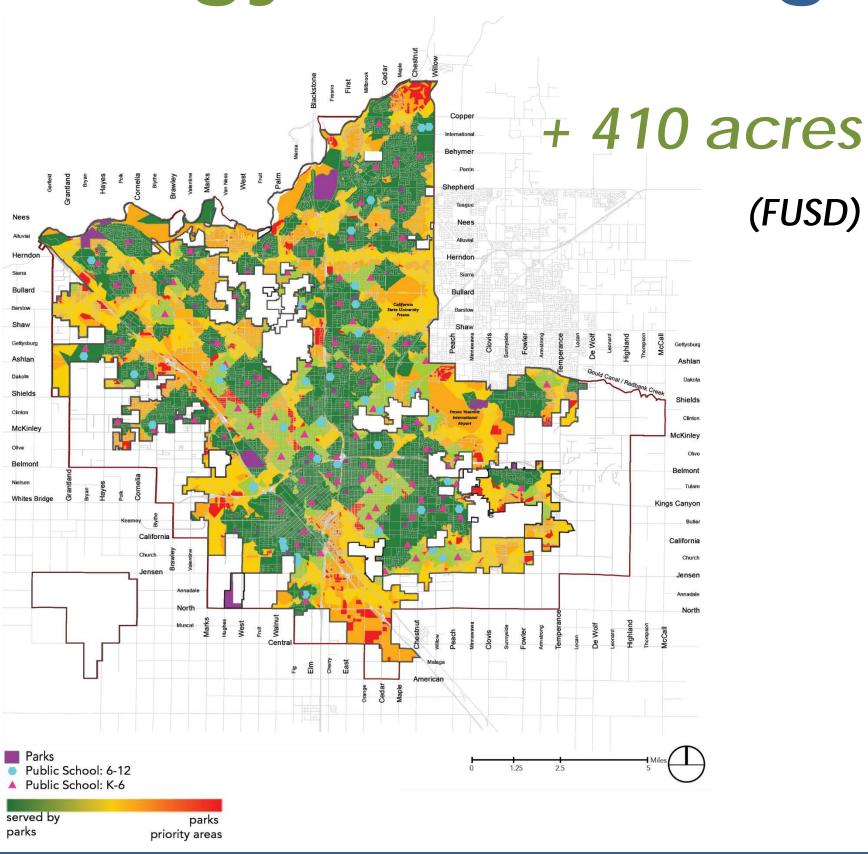






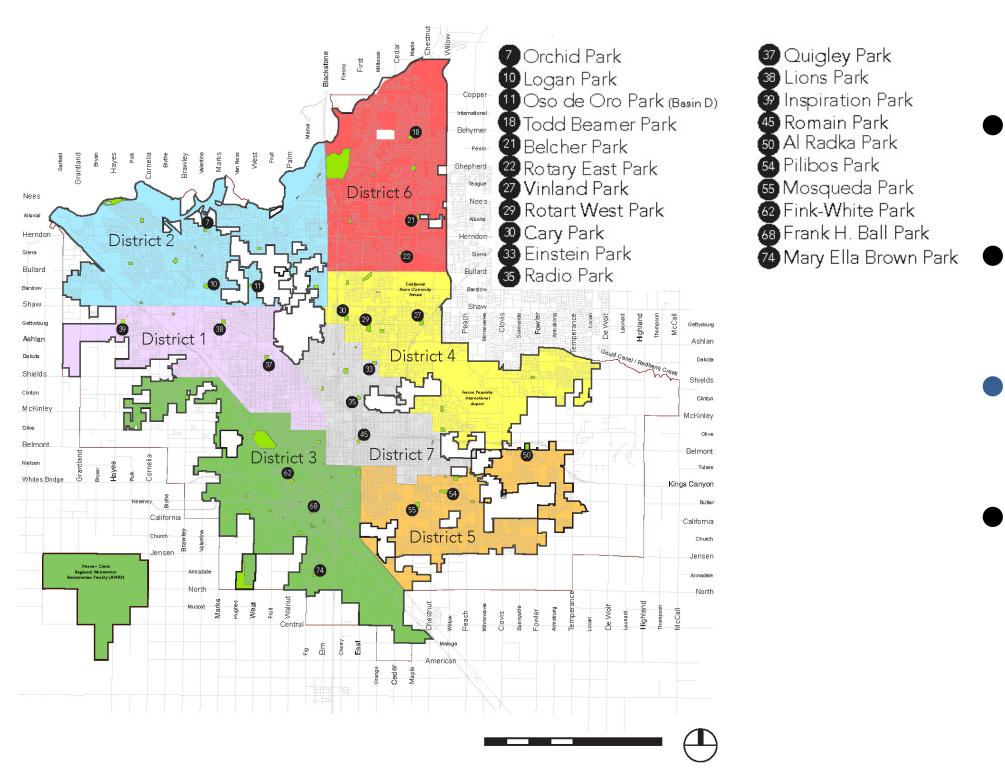
- Target highest areas of need
 - Expand school & basin joint-use
 - Flagship / priority parks
 - Urban greening strategies





- Target highest areas of need
 - Expand school & basin joint-use
 - Flagship / priority parks
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- Target highest areas of need
- Expand school & basin joint-use
- Flagship / priority parks
- Urban greening strategies





new parks

tree canopy



community gardens

bicycle



pedestrian

stormwater



beautification

- Target highest areas of need
- Expand school & basin joint-use
- Flagship / priority parks
- Urban greening strategies



Strategy: Secure the parks



Pop-up Programs



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Movies in the Park



Document Overview: Contents

- Introduction
- Demographics & Recreation Trends
- Park System Overview
- Park System Management
- Guidelines for Design
- Needs Assessment
- Prioritization & Improvement Strategies
- Financing Your Parks
- Goals & Recommendations
- Appendix



FRESNO PARKS MASTER PLAN

City of Fresno, California September 2017 (Administrative Draft)





Document Overview: Vision

FRESNO PARKS MASTER PLAN

VISION THEMES: HEALTH

In the future, Fresno's park system is at the forefront of City initiatives to improve health and wellness for residents. Initiatives linking public health and parks can be about more than simply providing places for exercise, it can extend to programming, design, and improving quality of life through increased access to green space and natural features such as trees, water, and shade. This is important for everyone, especially those living in urban environments.

- · Trees found in and around parks improve air quality and provide comfort - two benefits tied to health and wellness.
- · Paths and trails facilitate healthy lifestyles for residents and provide active transportation options.
- The themes of wellness and nutrition permeate park programming, including organized activities that promote physical health, casual activities that support mental health, and other City programs occurring at parks, community and recreation centers where healthy snacks and meals are provided for children and seniors.
- · Park amenities including play equipment are clean and safe places to play.



The multi-modal trail through Woodward Park creates continuous paths for walking and bicycling.



Lowell Community Garden is one of the many community gardens promoting a healthy lifestyle in Fresno's park system.

Future Fresno parks are safe, welcoming places where every person feels welcome and safe regardless of time of day, neighborhood, or security presence.



Fresno Parks Master Plan: Document Launch

1. Introduction

VISION THEMES: SAFETY

 In order to make parks safer, it is important to have people, residents, and merchants surrounding the park, providing surveillance. "Eyes on the park" means that the more people we have in parks and surrounding them, the safer they become.

· Having clear sight lines is an important design consideration for safety in parks. Open spaces are less likely to be used for undesirable activity and allow accessibility across parks for emergency access and other needs. While shade is an important feature in Fresno parks, all spaces should be designed so that they are open and have visibility for park users and Staff.

· Coordination with social service providers to regularly visit parks can assist transient and homeless populations who seek temporary shelter and other benefits from the parks department.



Eyes on the park can include informal social activity



PARCS staff provide security, education, and mentoring of children.



Document Overview: Programming

FRESNO PARKS MASTER PLAN

Table 2.x MARKET POTENTIAL INDEX (MPI) DATA FOR FRESNO

Recreation Activity	City of Freeno (as a whole) Market Potential Inclus	ORI Corridors	DA-1 North	Dá-1 South	DA-2 North	DA-2 South	DK -)	DA-1 E set	DA-1 West	Downrown	Existing NU North of Shaw	Existing NII South of Shaw	South Industrial
Acrobics	97	96	53	81	101	141	97	103	82	/8	119	88	85
Anthony	88	87	89	74	94	198	54	<i>1</i> 5	87	70	91	88	84
Backpacking	97	115	79	63	83	112	74	78	73	60	112	101	63
Baseball	101	1.25	105	\$1	111	112	÷9	91	88	86	107	105	88
Backotball	105	121	116	60	80	111	00	05	101	80	102	106	03
Dicycling (nountain)	90	94	05	74	144	154	94	117	80	09	120	90	70
Bicycling (Fcac)	91	8C	90	67	95	29	91	194	65	68	116	65	67
Canoeing/Kayaking	61	66	60	54	92	1.33	7.7	59	6)	50	117	72	58
Fishing (fresh weter)	82	74	106	60	91	111	96	71	85	64	93	81	85
Forthall	1(9	130	94	115	1(9	91	97	108	95	90	100	118	107
- mshoc	95	128	84	65	108	640	25	84	/4	62	118	87	62)
Odit	90	81	50	65	114	140	90	113	88	52	122	80	69
liting	05	80	86	73	105	129	110	111	12	G6	124	07	11
loresback riding	80	102	BO	77	05	100	92	70	07	00	PG	05	96
ca et alling	82	98	81	60	85	110	74	124	71	67	112	87	62
logging/raming	98	109	102	70	128	142	107	103	96	64	125	87	78
Piales	93	94	87	62	93	155	83	104	72	62	121	84	58
Soccer	125	152	75	129	118	112	119	106	124	132	117	124	1 19
Goffhell	96	105	129	76	100	125	97	111	90	70	110	91	86
Rwimming	91	96	802	67	142	110	91	05	n:	66	412	05	7%
lonno	07	06	80	$H_{\rm e}$	01	129	92	101	83	72	116	83	71
Volicyball	165	130	102	গ	100	101	90	n	92	92	104	104	89
Walking Dreadrose	89	<u>82</u>	113	64	1(8	125	۵¢	111	84	en.	115	81	60
veignt litting	8H	۶t	87	67	127	147	101	109	89	61	124	65	68
/002	91	97	87	75	112	121	90	110	77	67	125	82	69

The above table reflects Fresno specific recreation trends as reflected by Market Potential Index (MPI) data. The MPI shows the likelihood that an adult resident of the target area - in this case Development Areas in Fresno - will participate in certain activities when compared to the national average. The national average is 100, therefore numbers below 100 (shown in white) represent a lower than average participation rate, and numbers above 100 (shown in light pink) represent a higher than average participation rate.

50

(Reeked Lowest to Highest)



Fresno Parks Master Plan: Document Launch

2. Demographic + Recreation Trends

HIGHEST DEMAND FOR RECREATION

BASKETBALL 2-9% Above National Average

BASEBALL 4-19% Above National Average

> FOOTBALL 1-25% Above National Average





Review of the MPI confirms many observations about the current use of parks. It also offers insights about recreational amenities and programs that may be missing, under provided or over provided. Highlights of the analysis include:

- Baseball, Volleyball, Basketball and Football are in higher demand in Fresno than in the U.S. overall.
- Soccer is in the most demand locally with participation ranging from 11 to 34% higher than the national average. Fresno exceeds the national average for soccer participation in all but one planning area.
- Some recreational activities are not included in the national benchmarking analysis. Disc golf and pickleball for example, are noted sports activities that have strong local support. These and other activities require additional consideration by PARCS staff in the ongoing management of the system.
- The location of a sports activity does not necessarily need to be tied to the planning area. As described elsewhere in the Park Master Plan, the service area of a particular amenity varies. Playgrounds, for example, typically draw from a neighborhood while a baseball complex or BMX track would draw from a larger area.

While data are analyzed at the planning area level, it is important to understand the actual utilization of programs at a particular site. The recommendations made for each park in Fresno as part of this master plan consider multiple site factors such as levels of use, and longevity of programs.



Document Overview: Park Standards

FRESNO PARKS MASTER PLAN

PARK TYPE: REGIONAL PARK

LOS GOAL: 2 ACRES PER 1,000 RESIDENTS

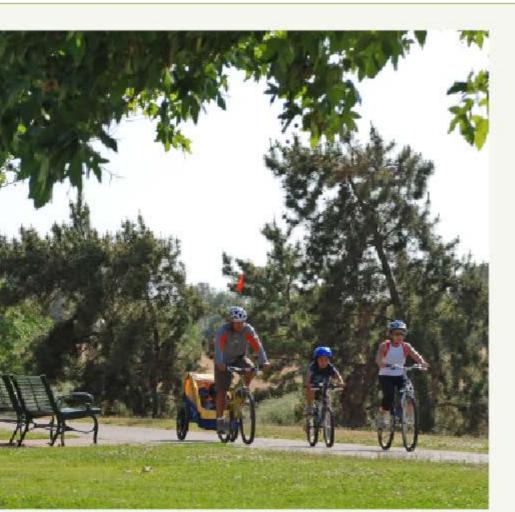
• Size: 40-1,000+ acres (can be less than 40 acres if site provides a unique reginal serving opportunity, i.e. river access, etc.)

Serving Radius: ½ hour drive (or 1 - 4+ miles) Serving Population: 100, 000 +/- people

- . Function/Purpose: Regional Parks serve the entire city of Fresno and surrounding communities. They provide active and passive recreation opportunities, and unique public facilities for use by the greater Fresno area.
- · Access & Siting: Regional Parks are large parcels typically sited in areas to preserve natural, cultural or historic resources on site. These parks must be accessible by public roads with capacity to handle larger amounts of traffic and adequate parking demand. Traffic calming measures are encouraged within and surrounding the park. Directional and regulatory signage to enhance user experience and strengthen park identity should be easily found throughout the park. Regional Parks should be linked to pedestrian and bicycle trail systems and public transportation when possible.
- Unique Features: Regional Parks often contain unique facilities with scenic, athletic or cultural value including athletic fields, sports complex, concessions, retail, boating facilities, camping, conservation/wildlife viewing, fishing, art center, amphitheater, zoo, gardens, nature areas, and interpretive signage and trails. These unique features may have unique staffing and maintenance requirements. Regional Parks are usually dominated by natural resource based amenities. These parks and associated facilities can promote tourism and economic development, enhance the economic vitality for the region, and include revenue facilities to offset operational costs. Strengthening unique park identity through signage and integrated color schemes is encouraged.
- Typical Amenities & Facilities: Typical amenities and facilities can include all of those found in a Neighborhood or Community Park, with active and passive recreation opportunities, and programming for a variety of ages. Enhanced landscape elements, public restrooms, drinking fountains, and security lighting are all typical. These facilities have staffing and maintenance requirements.

Fresno Parks Master Plan: Document Launch

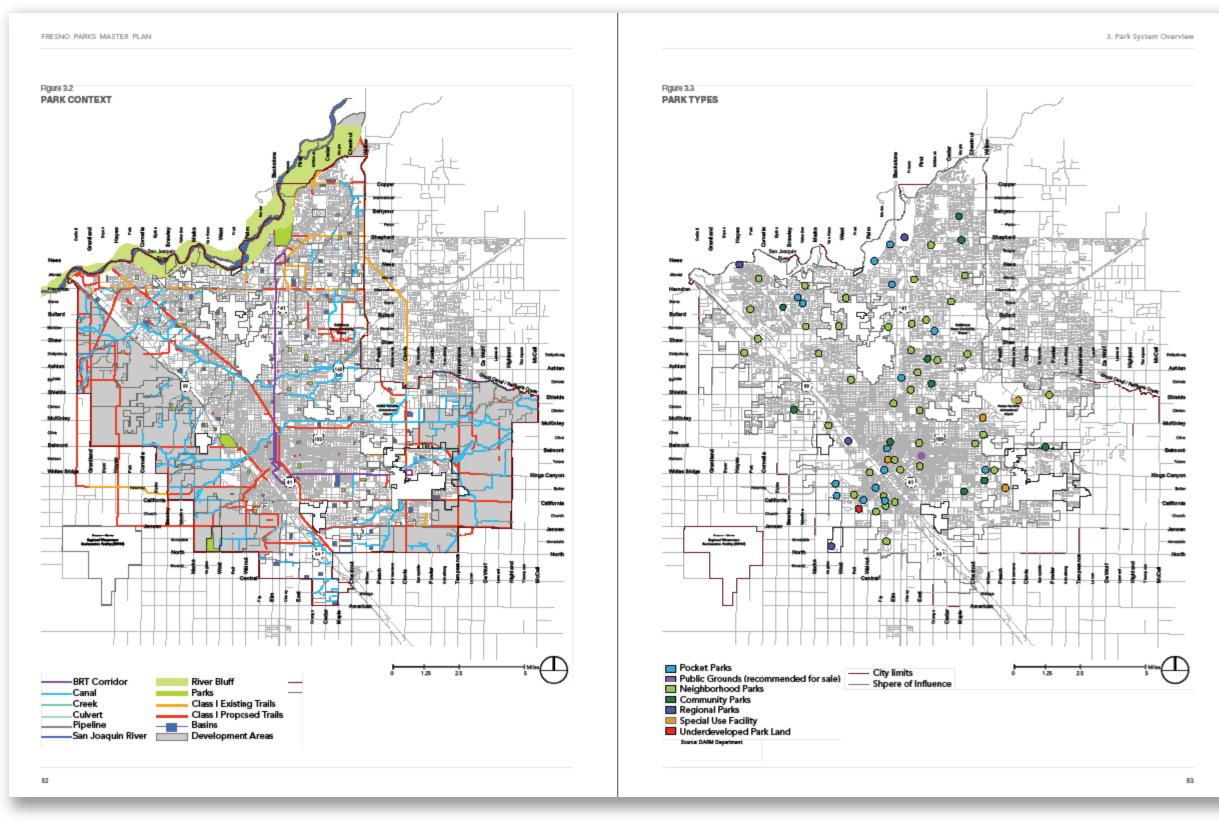
3. Park System Overview



Scenic park bicycle ride in Woodward Regional Park, courtesy of City of Fresno



Document Overview: Mapping



Fresno Parks Master Plan: Document Launch

imagine Quality Parks & Trails 25

Document Overview: Design Guidelines

FRESNO PARKS MASTER PLAN

DESIGN GUIDELINES: SUSTAINABILITY CONTINUED

1.4 STORMWATER MANAGEMENT & INFILTRATION

- a. Employ Low Impact Design (LID) practices to increase opportunities for stormwater and groundwater recharge by utilizing:
- · Bioretention areas, to provide soil and plant passed filtration services that remove pollutants
- · Permeable pavers, to allow rainwater to infiltrate on site
- · Rain barrels and cisterns, to retain and store rainwater to be used for irrigation on-site
- · Soil amendments, including the addition of compose and mulch, top soil, lime and gypsum to help offset erosion and improve their physical, biological and hydrological characteristics so they are more effective agents for stormwater management
- · Green roofs, which help mitigate negative effects of urbanization on water quality by filtering, absorbing, or detaining rainfall

1.5 CHEMICALS

a. Reduce and or eliminate chemical use in landscape areas and all facilities when possible

Landscape Areas

- * Replace chemical herbicides, pesticides, and fertilizers with non-toxic treatments, including LID practices for improving soil health
- * Support use of Integrated Pest Management (IPM) which focuses on pest prevention through biological control (such as the introduction of a natural predator), habitat manipulation, and modification of cultural practices including site monitoring, cleanliness, routine maintenance, installing pest barriers, physical removal of pests, and as a last resort chemical control

Facilities

* Replace chemical cleaning products with non-toxic alternatives

Parks and open spaces must feel inviting, comfortable, and safe in order to best serve the entire community. The safety of public spaces can be improved through careful design and programming, or Crime Prevention Through Environmental Design (CPTED) strategies that activate sites and promote positive social activity at various times of day to ensure "eyes on the parks" and "natural community surveillance". Similarly, the "broken windows theory," which links the perpetuation of disorderly behavior with neglected areas, applies to parks and open space. Therefore, maintaining clean, vandalism-free parks and open space is another key strategy for promoting safer public spaces. The following CPTED measures are highlighted and should be employed through design and ongoing management of all City of Fresno parks and open space areas.

5. Guidelines for Design

DESIGN GUIDELINES: PUBLIC SAFETY

DG 2. PUBLIC SAFETY

2.1 SITE ACTIVATION

- a. Provide amenities that attract positive social activity, including sports, play, and picnicking, throughout a site so "dead" zones do not welcome anti-social behavior
- b. Provide a diversity of site amenities that attract different types of recreation activity at various times of day
- c. Provide program elements that encourage site activation among different age groups

2.2 HIGH VISIBILITY & NATURAL SURVEILLANCE

- a. Create highly visible spaces by designing park elements, including pathways, play areas, picnic areas and benches, to allow for natural surveillance among users
- b. Use the least sight-limiting fence and gate heights possible, and the least sight-limiting fence and gate materials possible
- c. Limit fence and gate use to areas where such elements are necessary (such as select entry points and play areas to protect young children)
- d. Design buildings and facilities so that entries, windows, staffed areas and programmed activity



Document Overview: Expenditure Plan

FRESNO PARKS MASTER PLAN

Table 8x TIER 1: CRITICAL IMPROVEMENTS

SITE DEVELOPM DE ESTIMATE CONSIDERATIO
Consider adding ligh to all athlatic fields to extend use, Consider adding shade structu playground
Consider adding sha structure to playgrou
Remove 5 Restroom , 1 Paved trail, 1 Maintenance compox 1 Amplihithaater, 1 Br complex, 1 Lake, 1 O lease Dog area
Consider adding ligh all athletic fields to ex use
Consider adding ligh to all athletic fields to extend use, Consider adding shade structu to playground, consid perimeter walking tra
Consider adding ligh to all athletic fields to extend use, Consider adding shade structu playground
Consider adding sha structure to playgrou

Table 8.x TIER 1: CI

AKK

Rotary West (Basin BE)

Riverside (City owned/op

Assumption: Fi highers costs.

Assumption: Cost figures for athletic fields instroomigation system renovation begin with controller upgrade to 'central control' compatible controller and replacing all existing pumps to VFD type of an appropriate size. If the instroomigation system does perform as needed then an instroomigation audit should be performed to determine the necessary improvements. These improvements may necessitate a complete redesign of the instroomigation system pipe layout with sprinkler replacements.

anovations rec Assumption: F

Fresno Parks Master Plan: Document Launch

8. Financing Your Parks

TIER 1: CRITICAL IMPROVEMENTS

LIFECYCLE REPLACEMENT ITEMS	ORDER OF MAGNITUDE ESTIMATE	SITE DEVELOPMENT CONSIDERATIONS
3 baseball fields (Ightee), 1 bbq, 1 playground (non shadee), 2 soccar field (lighted), 2 softball fields (non lighted), 1 sign (rules & regulations), 1 monument sign, 2 trash receptacles	\$2,241,700	Consider adding lights to all athletic fields to extend use
1 golf course	Not part of study	Not part of study
CRITICAL IMPROVEMENTS SUBTOTAL	\$69,837,695	
	3 baseball fields (lighted), 1 bbq, 1 playground (non shaded), 2 soccer field (lighted), 2 softball fields (non lighted), 1 sign (rules & regulations), 1 monument sign, 2 trash receptacles 1 golf course	A Seeball Reids (lighted), 1 bbq, 1 playground (non shaded), 2 soccer field (lighted), 2 softball fields (non lighted), 1 sign (rules & regulations), 1 monument sign, 2 trash receptacles 1 golf course Not part of study

Assumption: Figures for parking lot renovation are based on application of slurestrooming coats only. More extensive renovation such as 'grind in place' will have

Assumption: Cost figures for athletic fields renovation is limited to weed abatement, soil aeration, soil amendments and over seeding by hydroseeding. Field renovations requiring extensive grading and drainage issues and turf replacement with sod will have higher costs.

Assumption: Figures for playground cost are for a medium priced structure with attached shade structure and poured in place surfacing. For high use parks, larger or multiple play areas may be advisable, these will have higher equipment costs. Shade structure which provide substantial stantial shade coverage will have higher costs.



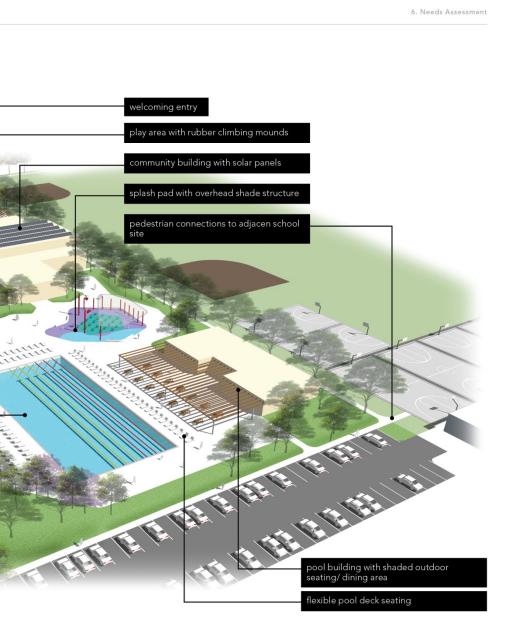
Document Overview: Improvement Concepts

FRESNO PARKS MASTER PLAN

AQUATIC CENTER DESIGN CONCEPT

A design concept was developed for the creation of an aquatic center at Mary Ella Brown to support this aquatic center strategy. This site was deemed appropriate for the development of an aquatic center for several reasons related to existing site conditions, existing school amenities, site size, and location – being adjacent to West Fresno Middle School. Developing a complete aquatic facility, community center, and park benefits from the adjacent school site amenities. When operated as a joint use site, the large athletic fields, swimming complex, locker rooms, and parking offer valuable resources to school and public communities. The design can allow safe use by different groups at the same time. For example seniors and preschoolers can use the community center while physical education classes and the swim team use the pool. In addition, the City of Fresno's 41 & North Plan establishes zones for new park development on the existing West Fresno Middle School/Elementary School Site.

Park elements illustrated in this design concept include amenities that serve a variety of community needs. Aquatic amenities include a swim building, community swimming pool, and splash pad, which support a range of aquatic acitvity from recreational swimming and casual play to aquatic learning and swim compeition. In addition, otherl community amenities at this site include a community building, skate park, picnic areas, central plaza, and play structure (tot, elementary age). As a whole, this facility meets a wide range of needs for the broader Fresno community, while individual elements target specific user needs. Aspects of this design concept could be applied to other sites. ottoping external plags hortnal p



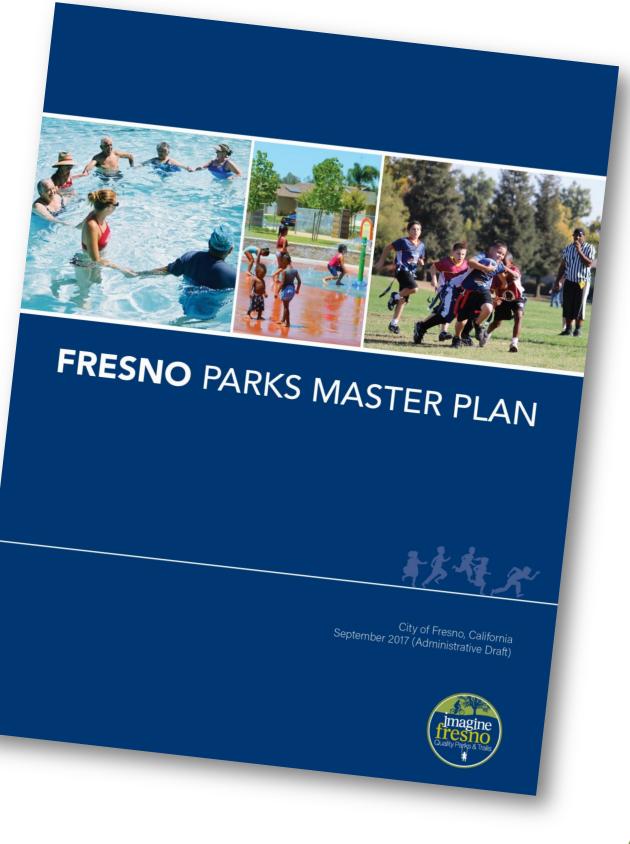


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Next Steps

- Public Comment / Oct 12 Nov 3
- Public Meeting / Oct 12
- Adoption Hearing / Dec 14
- Hard Copy / Week of Oct 16

Website: www.fresno.gov/parksplan Hard copy: Libraries & City Clerk's Office



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