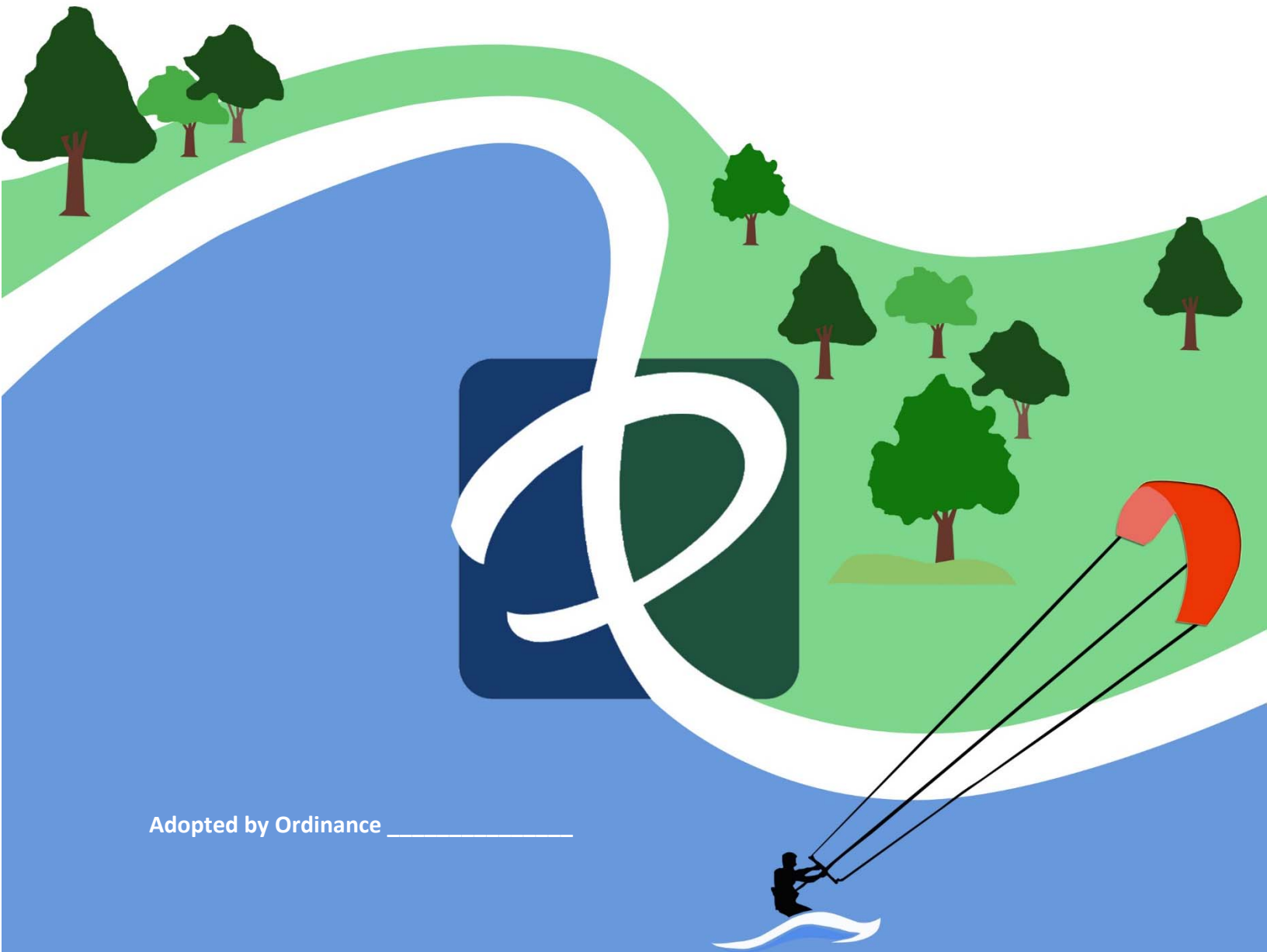


PARKS DEVELOPMENT MANUAL



Adopted by Ordinance _____

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INTRODUCTION:

The purpose of the Parks Development Manual is to serve as guiding policy document to help administer the applicable elements of the Parks, Recreation, and Open Space Master Plan and the Subchapter 14. Public Parkland Standards of the Unified Development Code.

This manual expands upon the goal, policy and action items within the City's Comprehensive Plan, including the Parks, Recreation, and Open Space Master Plan and establishes policies and standards for the creation of new public parks and renovation of existing parks. The goal, policy, and action items of the Parks, Recreation, and Open Space Master Plan have been provided for ease of use only.

To help ensure the durability, safety and continuity of park equipment and amenities, technical specifications have been included to establish the minimum quality of such equipment and amenities included within public parks. Any proposed deviation from the listed technical specifications in the appendixes of this manual shall be approved by the Parks and Recreation Director, where such substitution's performance shall be equal to or exceed the approved specification in terms of quality, function, and capacity.

The Planning Areas established in the Parks, Recreation, and Open Space Master Plan generally outline the linear park systems within each watershed. Within this manual, Parkland Sectors have been included to further implement the Parks, Recreation, and Open Space Master Plan's Planning Areas by establishing smaller park sectors. Analysis may be performed within each park sector in order to assess the park and recreational needs of specific areas of the City based on demographics.

GOALS, POLICY, & ACTION ITEMS - SUMMARY

The 2030 Comprehensive Plan, inclusive of the Parks, Recreation and Open Space Master Plan, outlines the importance of parks for our community. The parkland ordinance has included best management practices to better cater to the goals, policies, and action items for public parkland as outlined in the Comprehensive Plan.

For ease of use, we have provided a comprehensive list of goal, policy, and action items listed in the City's Parks, Recreation and Open Space Master Plan as well as corresponding goals listed in the other planning disciplines including Land Use & Development Character Goals and Public Facilities and Infrastructure Goals. Also, the action items are color-coded into 4 separate categories as listed below.

Green: Incorporated into the parkland ordinance

Orange: Achieved through the Capital Improvement Program, General Capital Reserve, and budget

Blue: Requires a collaborative effort

Purple: Administrative

PARKS, RECREATION AND OPEN SPACE MASTER PLAN – EXCERPT ONLY

Goal 1: Pflugerville will have a hierarchy of parks that form a complete system in order to serve the recreational needs of all residents, employees, and visitors to Pflugerville; provide desired recreational facilities near the people that will use them; and maintain the competitive edge the city enjoys due to its park network.

Policy 1.1: Increase the amount of parks and facilities to continue to exceed present standards and meet future demand.

Action 1.1.1: Identify available parcels that may be suitable for development for parks of all sizes.

Action 1.1.2: Revise the parkland dedication requirements to mandate an increase in the required amount of usable parkland.

Action 1.1.3: Include in the parkland dedication requirements a mandatory development fee to ensure development of parks based on size, location and amenities that are approved by the City.

Action 1.1.4: Plan for future neighborhood parks to be constructed as new housing is developed.

Action 1.1.5: Develop community parks to accommodate a broader range of programming and facilities than neighborhood parks.

Action 1.1.6: Explore the feasibility of creating a City-owned regional park that has a complimentary program to Northeast Metropolitan Park.

Action 1.1.7: Collaborate with Pflugerville Independent School District (PISD) and developers to plan and acquire land in growth areas of Pflugerville.

Policy 1.2: Locate parks and open space facilities so that all residents are within a five-minute walking distance of one or more parks or open space facilities.

Action 1.2.1: Expand the number of neighborhood parks to increase the availability of parkland to areas currently underserved.

Action 1.2.2: Distribute community parks and regional parks across the city so that as many residents as possible can access the park by walking or bicycling on sidewalks, trails or bicycle routes from centers and other parks.

Policy 1.3: Proactively solicit partnerships and coordinate the provision of parks and recreational programs with other governmental bodies, community organizations and private entities that exist in Pflugerville.

Metric: Access to Parks

Ideal State: 100 percent of new development occurs within a ¼ mile radius of an existing or planned park and is linked by a network of trails.

Current State: 73% of the population has access to a park within a ¼ mile radius.

Data Source: The Preferred Alternative Plan, Park and Open Space Plan and the City Geographical Information System.

Goal 2: Pflugerville will have an extensive connected open space network in order to protect environmental quality and reinforce the values and identity of the community.

Policy 2.1: Preserve key ecological areas that are critical to the conservation of natural systems, water quality and flood protection.

Action 2.1.1: Prioritize conservation efforts towards the lands identified in the Land Sensitivity Map.

Action 2.1.2: Acquire prioritized lands or lands that are links between multiple portions of existing open space.

Action 2.1.3: Limit the intensity of development that is allowed in areas near priority conservation areas.

Action 2.1.4: Designate parkland dedication lands in prioritized areas as open space.

Policy 2.2: Increase the total amount of open space per capita.

Action 2.2.1: Acquire prioritized lands or lands that are links between multiple portions of existing open space.

Action 2.2.2: Inventory sites of local and historical significance and consider their preservation.

Policy 2.3: Preserve the existing urban forest and manage the conversion of forested lands in newly developing areas.

Action 2.3.1: Designate significant forest lands as open space.

Action 2.3.2: Expand the Urban Forestry Program

Action 2.3.3: Provide proactive maintenance of the urban forest.

Action 2.3.4: Provide opportunities to educate the public about the value of the urban forest.

Action 2.3.5: Maintain Pflugerville's status as a Tree City USA.

Goal 3: Pflugerville will have a network of trails that links parks, homes, schools and community facilities across the entire city in order to provide multi-modal access throughout the city, provide safe routes for bicycles and pedestrians to key locations and reinforce the existing network of trails.

Policy 3.1: Complete existing planned trails and develop further trails plans.

Action 3.1.1: Develop trails crossing SH 130 and SH 45.

Action 3.1.2: Work with Travis County to extend county-wide rails into Pflugerville

Action 3.1.3: Work with CAMPO to connect the hike and bike trail network to other cities.

Action 3.1.4: Complete a long-range trail system that connect Travis County and the metro-area trail system.

Policy 3.2: Ensure that current and future parks, schools, and community facilities area accessible via the trail network.

Action 3.2.1: Mandate the incorporation of trails into the plats and site plans of parks, schools, and community facilities.

Action 3.2.2: Locate future parks, schools, community facilities and public buildings in areas that have accessible trails.

Policy 3.3: Require that new housing developments have direct access to the trail network.

Action 3.3.1: Utilize a portion of parkland dedications to provide connections, extensions or the creation of new trails.

Policy 3.4: Integrate the trail network into a city-wide pedestrian and bicycle circulation network.

Action 3.4.1: Connect sidewalks and bike lanes to trailheads.

Action 3.4.2: Provide pedestrian, trail and bike route signage in accordance with the Texas Manual of Uniform Traffic Control Devices (TxMUTCD).

Policy 3.5: Develop programming along a greater number of trails for recreational and educational purposes

Action 3.5.1: Continue to enhance trail support amenities such as benches, drinking fountains and dog waste stations.

Action 3.5.2: Expand the system of interpretative signage and way finding along trails.

Action 3.5.3: Preserve and promote locations of environmental, historical, or cultural significance along trails.

Action 3.5.4: Expand recreational programming on trails to include environmental education.

Metric: Trail Expansion/Connectivity

Ideal State: 100 percent of new development occurs within a ¼ mile radius of a trail.

Current State: 54%

Data Source: City Geographical Information System.

Goal 4: Parks and Recreation facilities and programs will continue to meet current level-of-service standards and evolve as the community's recreational needs change.

Policy 4.1: Study the feasibility of and design future facilities to meet the identified recreational needs of the community.

Action 4.1.1 Conduct feasibility studies for recreation centers and aquatic centers identified in the Master Plan.

Action 4.1.2 Develop individual park concept plans for new community and regional parks to determine the amenities included to fulfill identified needs.

Policy 4.2: Expand existing programs and respond to the changing demand for new recreational programs.

Action 4.2.1: Introduce new programs and facilities to meet the changing demographics and interests of the community, particularly environmental education, senior programs and facilities for teens.

Goal 5: Parks and facilities will attain high levels of quality in design and maintenance.

Policy 5.1: Parks will be accessible to and safe for people with all types of physical abilities.

Action 5.1.1: Develop new parks, facilities and trails utilizing the most current federal, state, and local standards.

Action 5.1.2: Continue to inspect all current parks, facilities and trails to ensure the compliance of the most current federal, state, and local standards.

Policy 5.2: Art will be incorporated into all new park and recreational projects as appropriate.

Action 5.2.1: Identify funding opportunities for public art at existing and proposed parks and facilities.

Policy 5.3: Existing parks will be renovated and maintained to increase patronage.

Action 5.3.1: Enhance and revitalize existing parks so that they are better utilized by the public.

Action 5.3.2: Implement new facilities and programs only if resources allow for a high quality of excellence to be maintained.

Goal 6: The operations of parks, recreation and open space will ensure stewardship of facilities, awareness of programs and sustainability of natural and fiscal resources.

Policy 6.1: Expand range of promotional materials and the number of outlets where residents and visitors can obtain it.

Action 6.1.1: Develop and review an annual marketing plan that indicates where, when, and how the Parks and Recreation Department distributes information about parks programs and activities throughout the community.

Action 6.1.2: Design and distribute a Parks and Trails map including other sites such as schools, retail and tourist destinations.

Action 6.1.3: Continue to update the Parks and Recreation Department page on the City of Pflugerville website to reflect changes in facilities and programming.

Action 6.1.4: Expand the public information kiosks at the Recreation Center and introduce them at the other recreation facilities.

Action 6.1.5: Expand use of the social media outlets available to the department through the City's PIO.

Policy 6.2: Continue to gather and implement feedback on recreational programming to meet the needs of the community.

Action 6.2.1: Conduct an annual city-wide parks and recreation survey.

Action 6.2.2: Conduct regular focused survey of target groups, such as teens, seniors, families and sport leagues.

Action 6.3.1: Increase the Parks and Recreation Department's use of social media opportunities through coordination with the City's Public Information Officer.

LAND USE & DEVELOPMENT CHARACTER GOALS:

Goal 2: Development (infill and new development) will be focused around a hierarchy of centers that will create a stronger sense of community, provide employment opportunities and shopping districts while reducing infrastructure costs.

Goal 4: Urban design should promote the historical, environmental, and community values of Pflugerville in order to articulate the values and identity of Pflugerville to all residents, employees, and visitors in the City and to build on the qualities that have made Pflugerville an attractive place to live.

Goal 6: Opportunities for preserving the community's agricultural heritage will be identified and evaluated in order to promote community identity and character.

Goal 8: Gateways will include a distinguishing set of features in order to provide a sense of place in individual neighborhoods and across Pflugerville, reinforce the community's values and identity at the entrances to the community, and leave a positive first and last impression of the community for visitors.

Goal 9: Green practices for the built environment will be encouraged in both public and private structures in order to reduce energy usage by structures and reduce environmental impacts on the City and residents.

PUBLIC FACILITIES AND INFRASTRUCTURE GOALS:

Goal 6: Pflugerville's CIP will support the Comprehensive Plan in order to ensure funds are being spent on capital investments most likely to fulfill the vision of the residents.

PARKLAND DEDICATION & FEE-IN-LIEU METHODOLOGY:

According to the Parks, Recreation, and Open Space Master Plan, the City has 13.63 acres per 1,000 people, which is slightly above the national standard at 10.5 acres per 1,000 people. While the City desires to maintain or exceed current levels of service in regards to the quantity of public parkland acreage per capital, the City must also create a sense balance within the development requirements in order to achieve other policy, goal, action items within the 2030 Comprehensive Plan and the Parks, Recreation, and Open Space Master Plan. Therefore in order to preserve environmentally sensitive land, including the 100-year floodplain as parkland, but with only fifty (50%) credit for parkland since much of it is undevelopable, the City has established a public parkland dedication ratio at 6.6 acres per 1,000 population.

The fee in-lieu is established at \$43,560 per acre, or a portion thereof, for the value of parkland that would otherwise be dedicated and conveyed to the City. The fee in-lieu of parkland dedication is based upon the fair market value of the land that would otherwise be required to be dedicated as public parkland for the proposed development, situated outside of the 100-year floodplain. The fee may be evaluated on an annual basis by the Planning and Zoning Commission and Parks and Recreation Commission. Any recommendation for amending the fee amount shall be forwarded to the City Council for approval.

EXAMPLE OF PARKLAND FEE IN-LIEU:

$$\frac{6.6 \times (\text{Number of Units}) \times (\text{Persons/Units})}{1000} = \text{Acres to be dedicated}$$

Table 14.3.2 Persons per Unit	
Gross Density per Residential Development (Dwelling Units per Acre)	Persons per Unit
From 0 to 6	3.0
Over 6 to 10	2.7
Over 10 to 25	2
More than 25	2*
* For high density residential development above 25 acres, the developer may provide a demographic study to provide proof of less than 2 persons per unit, on average, whereby the Administrator may reduce the gross density/persons per unit ratio.	

Scenario #1:

270 Single-Family Units
(3 units per acre) = 3.0 persons per unit

$$\frac{6.6 \times (270 \times 3.0)}{1000} = 5.346 \text{ Acres of Public Parkland Required}$$

$$5.346 \text{ Acres} \times \$43,560 = \underline{\$232,871.76}$$

Scenario #2:

270 Multifamily Units
(19 units per acre) = 2.0 persons per unit

$$\frac{6.6 \times (270 \times 2.0)}{1000} = 3.564 \text{ Acres of Public Parkland Required}$$

$$3.564 \text{ Acres} \times \$43,560 = \underline{\$155,247.84}$$

PARK DEVELOPMENT FEE METHODOLOGY:

In accordance with Action items 1.1.3 and 1.1.4 within the Parks, Recreation, and Open Space Master Plan, the City has established a Park Development Fee to ensure the development of public parkland through the development process that either serves the population of new residential development directly within the subdivision or indirectly through a nearby neighborhood or the community park system.

In accordance with the Policy 1.2 stated below, the City established a quarter-mile radius as the standard neighborhood size.

Policy 1.2 within the Parks, Recreation, and Open Space Master Plan states, “Locate parks and open space facilities so that all residents are within a five-minute walking distance of one or more parks or open space facilities,” whereby a ¼ mile radius is the ideal metric.

Refer to the calculations below:

Standard Neighborhood Park Size & Population:

Area (square-footage) of ¼ mile radius = 5,471,136 S.F. (125.6 Acres)

125.6 acres – 6.6 acres of public parkland (local standard) = 119 acres of residential units

119 acres of residential development x 4 units per acre (average) = 476 total residential units

476 units x (Avg 2.96 persons per household per 2010 Census) = 1408.96 population

STANDARD NEIGHBORHOOD PARK POPULATION = 1409 PEOPLE

STANDARD NEIGHBORHOOD DEVELOPMENT = \$350,000 per Appendix A

EXAMPLE OF PARK DEVELOPMENT FEE:

The Park Development Fee is calculated at a rate of not less than \$350,000 per 1,409 ultimate residents or an equivalent ratio thereof. The following fee rates are calculated based on the expected persons per unit consistent with Table 14.3.2 Persons per Unit.

Table 14.4.2 Park Development Fee $(\$350,000 / 1409) \times (\text{Persons/Units}) = \text{Park Development Fee Per Unit}$	
Gross Density per Residential Development (Dwelling Units per Acre)	Park Development Fee per Unit
From 0 to 6 (3 pph)	\$745
Over 6 to 10 (2.7 pph)	\$670
Over 10 to 25 (2 pph)	\$496
More than 25 (2* pph)	\$496

Scenario #1:

270 Single-Family Units
 (3 units per acre) = 3.0 persons per unit
 \$745 per SF unit
270 SF units X \$745 = \$201,150

Scenario #2:

270 Multifamily Units
 (19 units per acre) = 2.0 persons per unit
 \$496 per MF Unit
270 MF units X \$496 = \$133,920

PRIVATE AMENITIES - CREDIT

In accordance with the public parkland ordinance, Subchapter 12. Public Parkland Standards, certain private amenities may receive up to 25% credit towards the required Park Development Fee.

Creditable Items:

- Playscape/Playground
- Tennis Court
- Basketball Court
- Amphitheater
- Skate spot
- Shade Structures
- Volleyball court
- Racquetball court
- Washer Court
- Bocce Court
- Swings
- Additional trails not included within the Trails Master Plan
- Disc Golf
- Footgolf

Non-creditable Items:

- Swimming Pool
- Regulation soccer, football field with irrigation
- Restrooms
- Utilitarian parkland amenities (as referenced by the parkland ordinance)
- Trails identified on Trails Master Plan
- Private Club House
- Shrubs, sod, re-vegetation, swimming pools, subdivision signage, administrative or engineering costs, and any public improvement required through the subdivision process.
- Any other item the City deems not in accordance with the spirit of the ordinance

Alternative options that may be approved by the Commission and City Council:

- Orchard (Food)
- Community Garden
- Dog Park
- Water Play Feature
- Interactive Public Art
- Educational signage with open space
- Decorative paving, decorative fencing
- Other amenities that enhance the quality of the park with relatively low maintenance

PARKLAND SECTORS:

Boundaries: Parkland sectors are divided into two separate classifications: 1.) Community Park Sectors, 2.) Neighborhood Park Sectors. Community Park Sector boundaries generally follow the linear park system with the incorporation of the floodplain and divided by major arterial roadways are highways. Neighborhood Park Sectors are generally the Community Park Sectors divided in half, separated by major roadways. Due to the size of some of the Community Park Sectors, not all Community Park Sectors have been further divided into Neighborhood Park Sectors. Regional parks, including Lake Pflugerville and Northeast Metropolitan Park, are considered separate and are not included within any sector.

Goals:

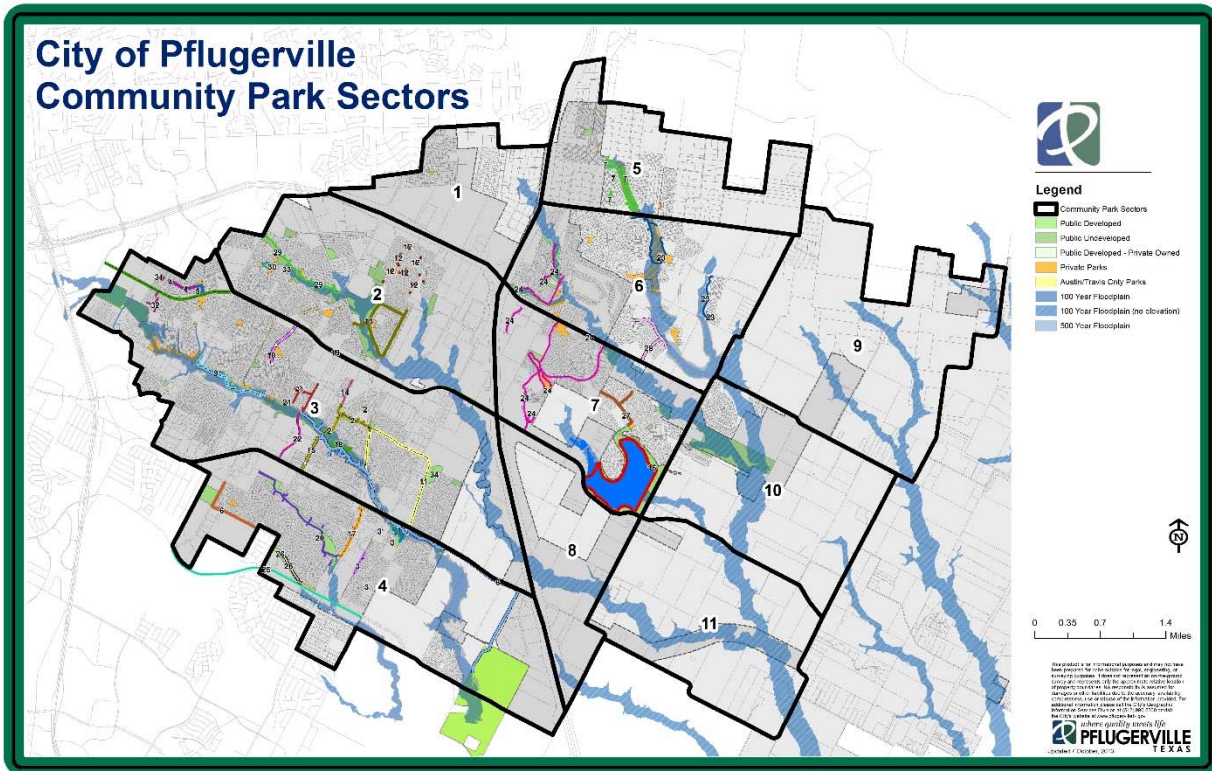
1. Sufficient public parkland (or private parks) to serve the population within each sector.
2. Sufficient amenities within public parkland (or private parks) to serve the population within each sector.
3. Trail connections to the linear park system.

Needs Assessments: Each sector may not require the same amount of land or amenities based on the population and demographics within each sector. In order to further implement the Parks, Recreation, and Open Space Master Plan, staff may consider performing sector analyses. The needs of a sector may shift over time, therefore assessments may be warranted on a continual basis, as necessary to address changing conditions. Analyses of such sectors may help identify and prioritize proposed capital improvements to public parkland system.

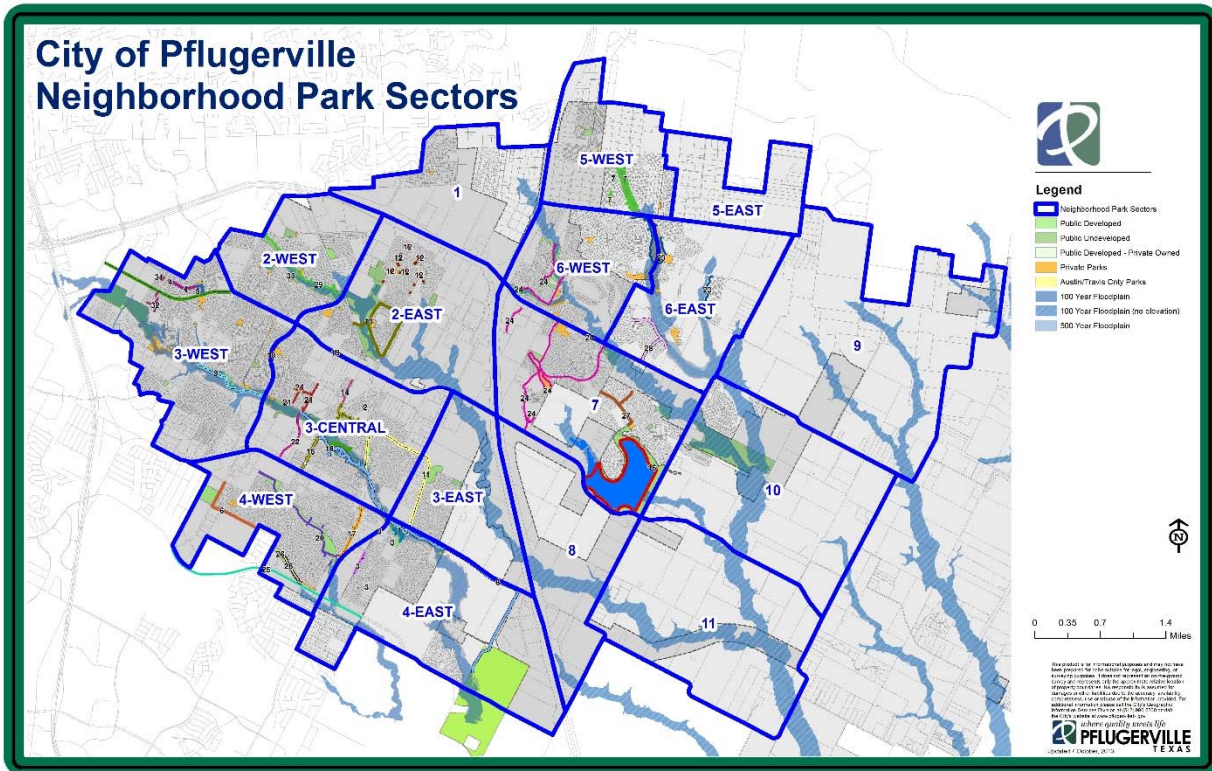
Fee in-Lieu Funds and Park Development Fees: Public parkland fee in-lieu funds and park development fees are acquired through the development process. The Parks and Recreation Commission and Parks and Recreation Director may consider the following hierarchy of guidelines when recommending expenditures from the parkland fee in-lieu or park development fee escrow accounts to City Council for approval:

1. Funds expended on a capital improvement project within the subdivision for which the fee was obtained.
2. Funds expended on a capital improvement project or purchase of parkland within the Neighborhood Park Sector for which the fee was obtained.
3. Funds expended on a capital improvement project or purchase of parkland within the Community Park Sector for which the fee was obtained.
4. Funds expended on a capital improvement project or purchase of parkland within an adjacent Neighborhood Park Sector for which the fee was obtained.
5. Funds expended on a capital improvement project or purchase of parkland within an adjacent Community Park Sector for which the fee was obtained.
6. If there are no feasible projects within the aforementioned sectors, funds expended on a capital improvement project or purchase of parkland for a Regional Park.

COMMUNITY PARK SECTORS



NEIGHBORHOOD PARK SECTORS



APPENDIX A – PARK DEVELOPMENT STANDARDS

All improvements and equipment shall be in accordance with Appendix B – Park & Facility Equipment Standards.

Required Improvement	Approx. Cost	Minimum Standard
Grading & Drainage	\$50,000	{Site improvements necessary to ensure that the park drains appropriately and is free from nuisance standing water.} Minimum of .5% grade on any and all open spaces. No slope of any turf or landscape area shall exceed 3:1.
Required Amenity	Approx. Cost	Minimum Standard
Playground Includes playscape(s) and swing sets that can accommodate both Tot - 2 to 5 yr olds and School Age - 5 to 12 yr olds. Permanent border and fall surface that meets current CPSC Playground Standards.	\$100,000	All equipment shall be commercial grade and be IPEMA Certified to conform to ASTM F187. All fall surface shall IPEMA Certified to conform to ASTM F1292. If the park will ultimately be transferred to the City of Pflugerville, the equipment shall meet the City's Park & Facility Standards and the following additional requirements: 1) a minimum Limited Warranty of 15 years for metal members and any plastics. 2) All metal members shall be powder-coated steel with five (5) inch diameter minimum posts. 3) Playground border shall be permanent material consisting of concrete or natural stone. 4) Fall surface shall be engineered wood fiber, synthetic turf, poured-in-place rubber or a combination of these.
Playground Shade Structure	\$20,000	Shade structure(s), whether "soft shade" or "hard shade", that cover(s) at least 75% of the playground's fall surface area. Limited 20 Year Non-Prorated Warranty against failure due to rust- through corrosion on all Commercial steel frames. Limited 10 Year Non-Prorated Warranty on all Commercial shade fabric and Teflon stitching against cracks, tears, material breakdown or significant fading as a direct result of ultra-violet exposure. Limited 1 Year Warranty on all moving parts, surface coat finish, or any other product or part not covered by one of the above warranties.
Shade Structure	\$30,000	Gazebo or pavilion with concrete slab and picnic tables. Shade structure shall be a minimum of 20' x 20' square or 400 sq ft in any other shape. Minimum four (4) square, four-seat or two (2) rectangle two-seat picnic tables.
Site Amenities	\$15,000	Minimum of six (6) benches, four (4) picnic tables, two (2) pet waste stations and one (1) drinking fountain.
Walking Trail	\$20,000	Minimum 1/4 mile walking trail constructed of decomposed granite, concrete or asphalt. Minimum six (6) feet in width and looped so that a specific number of laps equals one (1)

		mile. All material types shall be placed on a compacted subgrade with at least 95% density.
Practice Field	\$20,000	Minimum one (1) acre set aside for practice space. Can be one (1) large open space or a combination of smaller spaces with no single space being smaller than 10,000 sq ft. Space(s) shall be leveled and have a maximum slope of 2% in any direction. Total area(s) shall be irrigated with an automatic underground irrigation system laid out with head-to-head spacing. The space(s) shall be solid sodded with a Hybrid Bermuda of an appropriate variety for sports such as Tif 419. Shall also include at least two (2) chain-link fenced backstops placed as to allow the most flexibility for the space(s).
"Street Trees" and Shade Trees	\$25,000	"Street Trees" shall be planted within the first twenty feet (20') of the park site behind the right-of-way and spacing shall be one (1) tree per forty linear feet (40'). The remainder of the park shall be planted at a ratio of one (1) tree per 5,000 square feet of remaining gross park area. All trees shall be irrigated with an automatic underground irrigation system utilizing tree bubblers. All tree irrigation zones shall be independent of any turf or planting bed zones. All trees shall be shade trees selected from the City's Approved List and shall be a minimum of two inches (2") in caliper size at time of planting. 1:1 credit towards the tree requirement will be given for any retained, healthy, existing hardwood tree that is surveyed
Park Signage	\$5,000	Includes Monument or Natural Stone Boulder Sign and Parks Rules Sign(s). See Appendix A for established City Standard for Park Sign and City will provide verbiage for Parks Rules Signs.
Subtotal	\$285,000	
And Selection from the following (\$65K min):		
Basketball Court	\$40,000	Minimum 1/2 size of UIL standard with at least two (2) goals. Concrete or asphalt court with alkyd surfacing and lines for baselines, free throw line(s) and the "lane". If the park will ultimately be transferred to the City of Pflugerville, the court and equipment shall meet the City's Park & Facility Standards and the following additional requirements: 1) if asphalt court, it shall have a concrete perimeter beam that is at least 12" wide.
Tennis Court	\$65,000	Minimum one (1) regulation court including six foot perimeter fence, net and court surfacing/stripping. Fenced concrete or asphalt court with alkyd surfacing and all lines necessary for a regulation court. If the park will ultimately be transferred to the City of Pflugerville, the court and equipment shall meet the following additional

		requirements: 1) If asphalt court, it shall have a concrete perimeter beam that is at least 12" wide.
Sand Volleyball	\$15,000	Minimum one (1) regulation court including net and sand that meets x specifications. Net(s) shall be adjustable with metal poles that are either galvanized or powder-coated for durability. Sand shall be minimum 12" deep and free from rocks and other debris.
Additional Walking Trail	\$15 per Linear Ft.	Additional walking trail constructed of decomposed granite, concrete or asphalt. Minimum six (6) feet in width and looped so that a specific number of laps equals one (1) mile. All material types shall be placed on a compacted subgrade with at least 95% density.
Disc Golf Course	\$7,500	Nine (9) Hole Disc Golf Course including baskets and appropriate tee markers and rules signage. Permanently installed Commercial quality baskets.
Dog Park	\$20,000	Minimum 1/2 acre fenced area with irrigated turf. Dog Park shall be leveled and have a maximum slope of 5% in any direction. Total area(s) shall be irrigated with an automatic underground irrigation system laid out with head-to-head spacing. The space(s) shall be solid sodded with a Hybrid Bermuda of an appropriate variety for heavy use such as Tif 419. Shall also include a four feet (4') high chain-link perimeter fence.
Fitness Equipment	\$15,000	Outdoor Fitness Equipment installed in a grouping or in series along the walking trail. All equipment shall be institutional or commercial grade and compliant with ASTM F2277 Standard Test Methods for Evaluating Design and Performance Characteristics of Selectorized Strength Equipment, ASTM F1749 Standard Specification for Fitness Equipment and Fitness Facility Safety Signage and Labels, ASTM F2216 Standard Specification for Selectorized Strength Equipment and ASTM F2276 Standard Specification for Fitness Equipment.
Total	\$350,000	

APPENDIX B – PARK & FACILITY EQUIPMENT STANDARDS

The purpose of these standards is to establish the minimum level of quality, provide continuity across the City of Pflugerville's Parks System and to aid in the efficiency of maintenance of the System. There shall be no substitutions without prior approval of the Parks & Recreation Director.

ITEM	SUPPLIER	PRODUCT #	DESCRIPTION
BASKETBALL EQUIPMENT	Patterson-Williams Athletic Manufacturing Company	#PWA-22	Backboard Heavy Duty Power Coated Aluminum Backboard
		#PWA-39	Extra Heavy Duty Double Rim w/ Universal Mount Plate & Super Nylon Net
		#PWA-1525	6 Foot Steel Post
BBQ GRILLS	GameTime	#49	GameTime #49 Family Sized Grill
		#60	GameTime #60 Deluxe Waist-Hi Stove
BENCHES	Visions Innovative Products, Inc. Mfg. WEBCOAT Products	B6PERFS	6' Perforated Bench In-ground Mount Design. Surface-mount when installing on asphalt or concrete pads. Colors: Seat – Green; Frame - black
		B6WBPERFS	6' Perforated Bench with back, In-ground Mount Design. Surface mount when mounting on asphalt or concrete pads. Colors: Seat - green; Frame - black
		Pad Dimensions	For concrete foundations, allow 36 inches beyond the end of the bench.
BOLLARDS	Traffic Guard Direct, LLC	See Description	Traffic Guard Hinged Bollard – Traffic Guard Single Post: ¾" X 8" 18.8 Stainless Steel Hinge Pin and Nut with 13/32" hole for single padlock or optional pin available for double padlocks.
DRINKING FOUNTAINS	Most Dependable Fountains	440 DB	Direct Bury Fountain. Color: Green Option: Pet fountain. Pad Dimensions: A clear paved area of 5' x 5' shall be provided in front of each drinking fountain. Concrete pad/approach shall be ADA accessible, linked to adjacent walk/trail & slightly sloped for drainage.
PARK ENTRANCE SIGNS	Various	See Description	Native Hill Country Flagstone - Irregular shape: Height - 5' to 6'; Length - 7' to 9'; Thickness - 15" to 20"; Lettering/number height - 5" to 6". "Wild west" font. Colors: Lettering/numbers - black; City logo – design and colors to match.
IRRIGATION	Various	See Description	Rainbird Commercial Controllers. Remaining major components shall be Rainbird, Toro or Hunter.

PAVILIONS	Various – Automatically Approved Manufacturers - Icon Shelter Systems and Polygon	To be determined	Icon Shelter (Model, style, size and color to be determined) Roof: 24 gauge Pre-Cut Multi Rib Metal Panels. Primed & Painted Frame. All metal supports – 3/16 wall thickness, Mounted on a minimum 4” thick reinforced concrete slab with footings.
PET WASTE BAG DISPENSERS	Dogi-Pot	See Description	Dispenser: 400 bag capacity, .08 gauge aluminum, powder coated-forest green, 15.5” x 9.4” x 3.25”, locking front access panel. Baggies: Opaque brown, 13” long x 8” wide, 0.7 mill thickness, biodegradable.
PICNIC TABLES	Visions Innovative Products, Inc. Mfg. WEBCOAT Products	T6RC	6Ft Table w/attached seats. Colors: Table & seats - green; Frame – black. <i>Pad Dimensions:</i> For concrete foundations, allow 36 inches beyond the edges of the table.
		T6RCHDCP	6Ft <u>ADA Accessible Table</u> w/attached seats. Colors: Table & seats - green; Frame – black
		T8RC	8Ft. Table w/attached seats. Colors: Table & seats - Green; Frame - black.
		T8RCHDCP	8Ft <u>ADA Accessible Table</u> w/attached seats. <i>Colors:</i> Table & seats - green; Frame – black
PLAY EQUIPMENT	Various Automatically Approved Manufacturers – Playworld Systems, Landscape Structures, Burke, Little Tikes and GameTime	TBD	Brand, equipment model numbers & colors to be determined. Five inch (5”) minimum powder-coated steel posts. Fall Surface shall be Engineered Wood Fiber, synthetic turf, poured-in-place rubber or a combination of these.
PLAYGROUND SHADE	Modern Shade, LLC	TBD	Equipment model numbers & colors to be determined
NATURAL AREA VEGETATION	Native American Seed	See Description	Native Wildflower or Prairie Mix
	Various	T.E.2-7	Super Pro 5000 Tennis Net; 42 feet long

TENNIS EQUIPMENT		T.E.90-1S	CourtMaster Posts, Royale Square posts with internal wind.
TRAILS – CONCRETE	TBD	See Description	4' concrete w/ reinforced steel on 3" compacted road base. Width to be determined. <u>ADA Standards</u> : Cross slope - 2%; Running slope - 5%; Up to 8.3% for 30 ft. intervals.
TRAILS – GRANITE	TBD	See Description	3" Compacted road base on filter fabric; 3" compacted decomposed granite. Width to be determined. <u>ADA Standards</u> : Cross slope - 2%; Running slope - 5%; Up to 8.3% for 30 ft. intervals.
TRASH RECEPTACLES	Visions Innovative Products, Inc. Mfg. WEBCOAT Products	See Description	Trash Can Model No. TR55. In-ground Assembly Model No. TRING-55 Flat Top Model No. FlatTop55 Description: 55 Gallon Standard Style Trash Receptacle with in-ground assembly and flat top cover. Metal or plastic insert to be purchased separately. Color: Base – green; Top - black.
VOLLEYBALL EQUIPMENT	West Coast Netting	YMCA-32	Heavy competition volleyball net – 18 ounce white vinyl, 39" H x 32' L, 5/32" top cable, 1/8" bottom cable and 7/8" wood doweling. Netting passes through and is attached to the dowel.
		AGP -3.5	Heavy gauge steel volleyball system, complete with poles and moveable hardware (winch, pulley, top drive cap & hooks)
EXERCISE EQUIPMENT	Various Automatically Approved Manufacturers – Playworld Systems, Landscape Structures, Burke, Little Tikes and GameTime	TBD	Equipment model numbers & colors to be determined