

2026 Project Discovery

Creating a GRAND Park System

FINAL REPORT

Parks, Recreation and Open Space Master Plan

For the City of Grand Prairie, Texas Parks, Arts & Recreation



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**Project Discovery 2026 – Creating a Grand Park System
Parks, Recreation and Open Space Master Plan
City of Grand Prairie, Texas
Parks, Arts, & Recreation Department**

Mayor

Ron Jensen - Mayor

City Manager's Office

Tom Hart - City Manager
Tom Cox – Deputy City Manager
Anna Doll – Deputy City Manager

City Council

Jorja Clemson, District 1, Mayor Pro Tem
Jim Swafford - District 2
Lila Thorn - District 3
Richard Fregoe - District 4
Tony Shotwell - District 5

Parks Advisory Board

BJ Nichols, Chair
Jim Dart
Emita Garcia
Jonathan Head
Tony Lawrence
VanDella Meniffee
Sallye Moore
Jerry Partain
John Stewart

Jeff Wooldridge - District 6, Deputy Mayor Pro Tem
Jeff Copeland - At Large
Greg Giessner - At Large

Parks, Arts & Recreation Department Staff Team

Rick Herold – Director
Tim Shinogle – Sr. Superintendent of Park Planning & Project Manager
Steve Plumer – Landscape Architect
Ken Unkart – Park Planner
Danny Boykin – Sr. Superintendent of Recreation

Gary Yakesch – Manager of Business Operations
Duane Strawn – Manager of Parks & Lake Parks
Mariana Espinoza – Sr. Recreation Center Supervisor
Kelly Eddlemon – Marketing Communications Coordinator
Brandon Huether – Marketing Communications Coordinator

Primary City Master Plan Contact

Tim Shinogle, Superintendent of Park Planning and Project Manager
Grand Prairie Parks, Arts, and Recreation Department

400 College Street
Grand Prairie, Texas 75053
Phone: 972-237-8104
Email: Tshinogl@GPTX.org

Consultant Team



2360 Chauvin Drive
Lexington, Kentucky 40517
(859) 268-1933 VOICE
(859) 268-3341 FAX
Architect's Project No. 15102
May, 2017

Lawrence W. Brandstetter, AIA – Principal in Charge
Patrick D. Hoagland, ASLA – Project Manager
Elizabeth Holser, AIA – Local Coordination & Architecture Analysis
Keith E. Rodenhauser, AICP, SITES AP – Planner
Lynda Gates – Administrative Assistant

Consultants

Kathleen Prasser – Grove Consulting Inc. - Strategic Planning
James Waldbauer, P.E. BW2 Engineering, Inc. – Trail Consulting

CERTIFICATE OF CITY SECRETARY

THE STATE OF TEXAS §

COUNTIES OF DALLAS, §
TARRANT AND ELLIS §

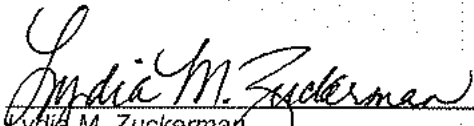
CITY OF GRAND PRAIRIE §

I, Lydia M. Zuckerman, Executive Assistant to the City Secretary of the City of Grand Prairie, Texas, DO HEREBY CERTIFY as follows:

That the attached is a true and accurate copy of the City of Grand Prairie Resolution No. 4888-2017 approved by the City Council at the May 16, 2017, meeting.

IN WITNESS WHEREOF, I have hereunto signed my name officially and affixed the seal of the City, on this the 23rd day of May 2017.




Lydia M. Zuckerman
Executive Assistant to the City Secretary
City of Grand Prairie, Texas

RESOLUTION NO. 4888-2017

A RESOLUTION OF THE CITY OF GRAND PRAIRIE, TEXAS, APPROVING THE PROJECT DISCOVERY 2026 PARK MASTER PLAN AS THE CITY OF GRAND PRAIRIE, TEXAS PRIMARY TOOL TO GUIDE THE DELIVERY OF PARK AND RECREATION SERVICES THROUGH THE YEAR 2026; TO BECOME EFFECTIVE UPON ITS PASSAGE AND APPROVAL

WHEREAS, the City of Grand Prairie is committed to the presence of a quality urban parks and recreation system for its citizens; and

WHEREAS, it is recognized and accepted that parks, open space and recreation define the character of a community, provide the basis for popular local leisure activities, can create a scenic atmosphere that stimulates tourism and economic development, provide other benefits to a community such as health and wellness, reduction in crime, increase property values and stronger family values; and

WHEREAS, the orderly development of parks and facilities to address citizen needs demands a guidance system for the ongoing process of service delivery, management and development; and

WHEREAS, The City of Grand Prairie has developed such a guidance system based on citizen input, an analysis of current conditions and consideration of local and national standards; and

WHEREAS, the Park Board has reviewed the Parks Master Plan and has recommended that the City Council adopt same.

NOW THEREFORE, BE IT RESOLVED, BY THE CITY COUNCIL OF THE CITY OF GRAND PRAIRIE, TEXAS:

SECTION 1. THAT the City Council approves the Parks Master Plan attached hereto.

SECTION 2. THAT this Master Plan shall constitute the primary tool to guide the delivery of park and recreation services in Grand Prairie through the year 2026.

SECTION 3. THAT this Master Plan shall be reviewed with the Park Board on an annual basis for recommendations on changes resulting from population, land use patterns, needs and attitudes of citizens and availability of park land and other resources.

SECTION 4. THAT the resolution shall be in full force and effects from and after its passage and approval in accordance with the Charter of the City of Grand Prairie and it is accordingly so resolved.

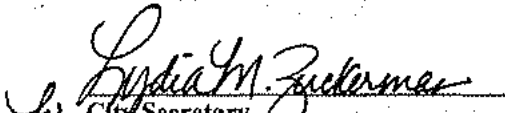
Resolution No. 4888-2017
Page 2 of 2

PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF GRAND PRAIRIE, TEXAS, ON THIS THE 16TH DAY OF MAY, 2017.

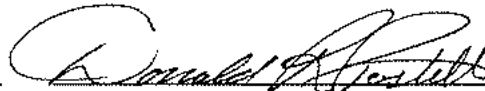
APPROVED:


Ron Jensen, Mayor

ATTEST:


for Lydia M. Zuderma
City Secretary

APPROVED AS TO FORM:


Donald R. Jost
City Attorney

PROJECT DISCOVERY 2026: CREATING A GRAND PARK SYSTEM

THE NEED FOR A PLAN

The City of Grand Prairie, located in North Central Texas, was incorporated in 1909, but the settlement of the area began earlier in the 1840s. Family homes of two early settlers are located in Grand Prairie parks: the Jordan-Bowles home in Bowles Park and Loyd Home in Loyd Park. The Town of Dechman, which eventually became downtown Grand Prairie, was founded in 1863 and began to grow after the construction of the Texas and Pacific Railroad which passed through the center of town. Interurban trolley service between Dallas and Fort Worth began on 1902 and traveled through downtown Grand Prairie, leading to continued population growth.

The population grew rapidly during World War II as a result of the construction of North American Aviation to serve the adjacent Naval Reserve Aviation Base. Grand Prairie's population grew from 1,000 to 15,000 during the 1940s. To meet the housing demands for this growing population, Grand Prairie began annexing large amounts of land, including the previously incorporated Dalworth Park. These annexations led to further growth with the population reaching 50,000 in 1970. This growth has continued through the present as the City of Grand Prairie had an estimated population of just under 190,000 as of 2016. As the population of Grand Prairie has grown, it has also become more diverse with minority populations representing a majority of residents of the City. Additionally, the median age has increased and the percentage and number of seniors has grown. More information about demographics can be found in Chapter II.



The City of Grand Prairie has continuously worked to improve the availability of parks and recreation opportunities for residents. The Department renovated the Charley Taylor Recreation Center

in 1987 (named for the National Football Hall of Famer from Grand Prairie) and opened the Senior Center in 1989.

Using funding provided by a 1/8 cent sales tax for parks approved in 1999, Grand Prairie completed the Ruthe Jackson Center, the Splash Factory, Mountain Creek Soccer Complex, baseball fields at Charley Taylor Park, softball fields at McFalls Park East, and football fields at Parkhill Park, all in 2002. The Bowles Life Center and Bear Creek South Park both opened in 2007. A separate 1/8 cent sales tax was approved in 2015, and the City is in the process of completing the Epic recreation center, an indoor/outdoor waterpark, an amphitheater, additional trails, and a large all inclusive playground at Grand Central.¹



As a result of the "world class service" offered by Grand Prairie, the Parks, Arts, and Recreation Department won the Gold Medal Award from the Texas Recreation and Parks Society (TRAPS) in 2004. The department was a finalist for the National Gold Medal Award from the National Recreation and Parks Association (NRPA) in 2007 and 2008, and the Department received the Gold Medal Award in 2008. In 2016, the Parks, Arts, and Recreation Department was nominated again as a finalist for the National Gold Medal Awards for Excellence in Park and Recreation Management and received the award again in 2017.

Changes to the makeup of the population have implications to both the current and future

¹ City of Grand Prairie website, "Grand Prairie Historical Recap," <http://www.gptx.org/about-us/history/historical-recap>.

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needs for parks and recreation in Grand Prairie. Recognizing that the needs of the population should be reassessed, the City Council and staff of the Parks, Arts & Recreation Department determined that a comprehensive process should be completed to determine the needs of the community over the next 10 years, leading to the authorization of this Master Plan. The theme, *Project Discovery 2026: Creating a GRAND Park System*, was integral to the planning process and is the title of this Master Plan.

EXISTING PARKS AND RECREATION OPPORTUNITIES IN GRAND PRAIRIE

For many residents, parks provide their primary access to the natural environment, and for all residents, parks provide a variety of natural and active outdoor recreational opportunities. Access to these facilities helps to promote the health and wellness of the community.

The quality of a community's parks and recreation system is viewed as one of the indicators of the overall quality of life. A recent study titled, *The Economic Benefits of Land Conservation* by John L. Crompton for the Trust for Public Land, included a section on the impact of parks and open space on property taxes. This study indicated that property values were higher for properties near quality parks and open spaces than for similar properties located elsewhere.

In addition, recent surveys of home buyers by the National Association of Home Builders indicated that trails, parks, and playgrounds were three of the top five amenities that homebuyers desire when considering a new home purchase. Finally, the preliminary findings of a recent study, *The Economic Significance of Local and Regional Park Systems' Spending on the United States Economy*, conducted by the Center for Regional Analysis at George Mason University (GMU) for the National Recreation and Park Association (NRPA) found that local and regional parks created \$140 billion in economic activity per year and supported nearly one million jobs in the United States.

Parks and recreation services are currently provided primarily by the City of Grand Prairie Parks, Arts & Recreation Department which provides maintenance and programming for City parks.

A Parks Advisory Board provides advice on parks, recreation, and open space policies. Grand Prairie has a total of 55 parks classified into eight categories: nine (9) Mini Parks, eight (8) Neighborhood Parks, six (6) Community Parks, five (5) City Parks, one (1) Regional Park, sixteen (16) Special Use Parks, three (3) Linear Parks, and seven (7) Lake Parks.



In addition to the facilities offered by the City of Grand Prairie, the school district (Grand Prairie Independent School District) provides playgrounds and basketball courts that can be used by the public when schools are not in session at 33 locations. The City also has joint use agreements for public use of the tennis courts at the two high schools in Grand Prairie. Additionally, several homeowners association (HOA) facilities are located in Grand Prairie, offering playgrounds, tennis courts, trails, and swimming pools for residents of those neighborhoods.



Planning Sectors

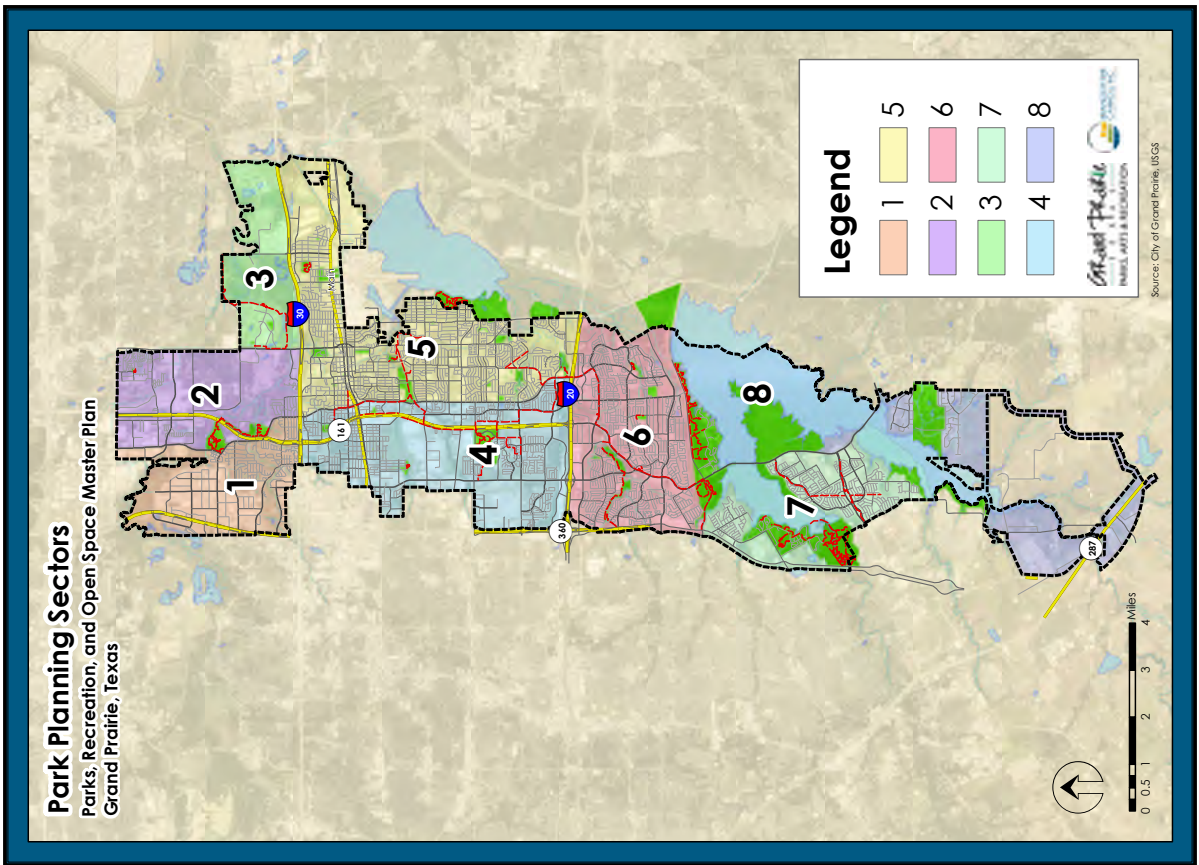
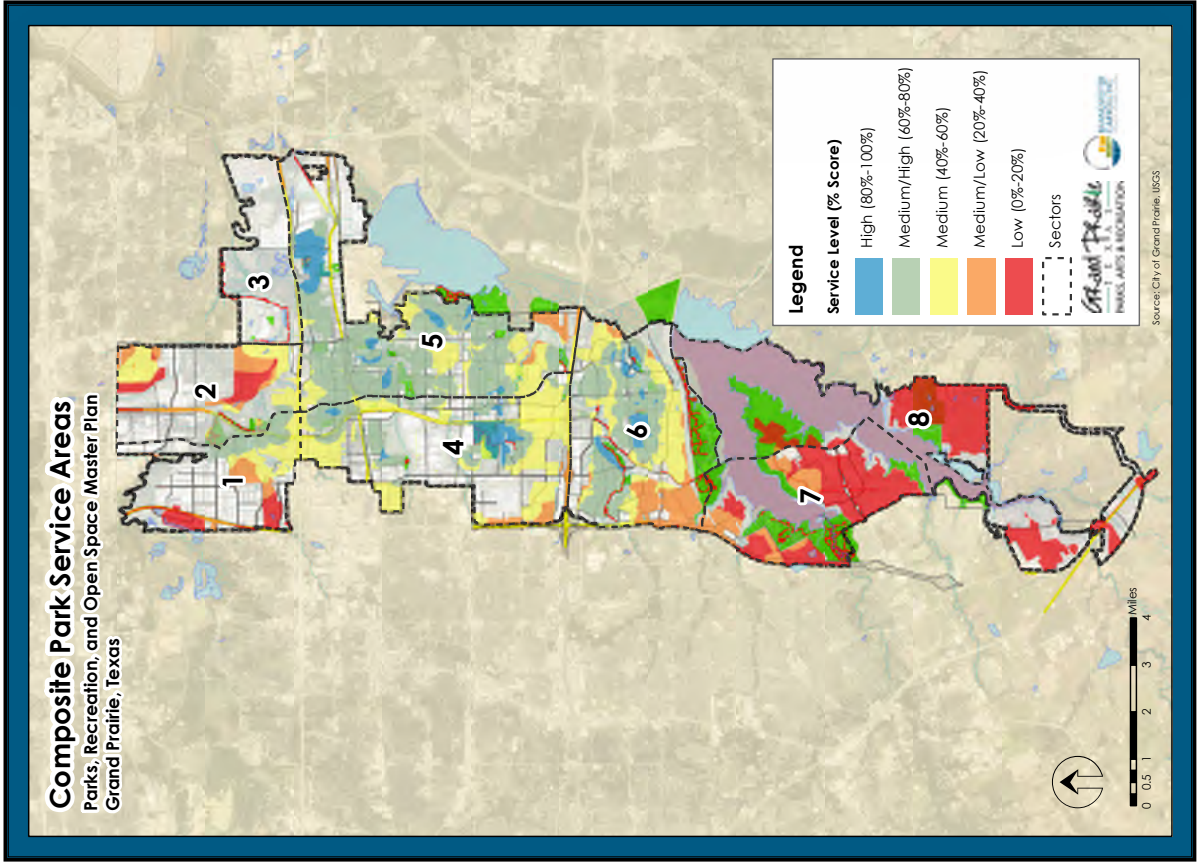
For the purpose of analysis, the City of Grand Prairie was divided into eight different sectors using logical barriers such as roads and water bodies. The delineation of these sectors allows for the analysis of differences between various portions of Grand Prairie and for the development of recommendations specific to these sectors which have different characteristics and needs.

These eight sectors are shown on the following page.

Service Area Gaps

The service areas for various types of parks and facilities were mapped to identify "service gaps" or underserved areas, as seen on the following page. The darker blue areas are the best served areas, being within a range with easy access to

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more parks and facilities. The red areas are the least well served, but most of these areas are currently undeveloped. Most are located in the south, near Joe Pool Lake. Some of the low service areas are served by HOA or public improvement district (PID) parks.



A CITIZEN DRIVEN PLAN

As the purpose of this plan is to address the needs of the community, a primary focus of the master planning process was to identify those needs. A number of methods were utilized to determine the needs and desires of Grand Prairie residents for parks and recreation facilities and programs. The public was involved in the process through the following methods:

1. Eight Community Meetings were held to solicit conversation from the public, including a booth at Main Street Fest that functioned as a kick-off for the process. At least 280 people participated in "Voting with Dollars" at these events to demonstrate their priorities for improvements.
2. A statistically valid survey conducted by the ETC Institute that was completed by 741 households



3. A web-based and handout survey that was completed by 193 residents
4. An active Parks and Recreation Master Plan Steering Committee

5. Preliminary presentations of the public input findings

WHAT GRAND PRAIRIE RESIDENTS SAID

The information gathered from the various public input methods was used to identify the needs of Grand Prairie residents. A brief summary of the findings and needs as communicated in the various public input methods is described below.



Statistically Valid Mail Survey

1. Seventy-seven percent (77%) of residents visited a park in Grand Prairie over the past year, and 29% of these residents visited parks more than 20 times.
2. Lynn Creek Park was the most visited park (33% reporting visiting), followed by The Summit (21%), Farmers Market at Market Square (19%), Mike Lewis Park (15%), and Loyd Park (14%).
3. The top reasons for not using parks more often included:
 - Do not know what is offered (38%)
 - Do not know location of facilities (31%)
 - Too far from our residence (29%)
4. The improvements households would most like to see to existing parks included:
 - Improve/add restrooms (63%)
 - Walking/jogging trails (62%)
 - Park security lighting (57%)
 - Picnic areas (47%)
 - Bike trails (44%)



5. Eighty-eight percent (88%) of households are either "very supportive" or "somewhat supportive" of City actions to upgrade older parks and recreation facilities. Other actions with very high levels of support included:

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- Develop new recreational trails and connect existing trails (83%)
 - Purchase land to preserve open space, natural, and historic areas (80%)
6. The most needed parks and recreation facilities for households were:
- Walking and hiking trails (64%)
 - Natural areas/nature parks (53%)
 - Small neighborhood parks (51%)
 - Picnic shelters and areas (45%)
 - Paved bike trails (45%)



The largest number of households had unmet needs for the following facilities: walking and hiking trails; natural areas and nature parks; paved bike trails; community gardens; and small neighborhood parks.

The most needed parks and recreation programs for households were:

- Adult fitness and wellness (51%)
- Summer concerts (42%)
- 50+ programs (37%)
- Nature programs (32%)

The largest number of households had unmet needs for the following programs: adult fitness and wellness, summer concerts, water fitness, nature programs, and pet exercise.



7. Respondents were asked how they would allocate \$100 among different types of parks and recreation facility improvements in Grand Prairie. The top responses ranked as follows:

- Improve/maintain existing parks
- Develop new walking and biking trails
- Acquisition of land for open space, green space, and future parks

Community Meetings and Stakeholder Groups

Reoccurring themes included:

- Upgrade old parks and facilities
- More participants in programs
- More trails and linkages
- Better signage

The input gathered from all of the methods yielded similar results. Several common themes appeared in all methods of public input. Residents would like to see upgrades to existing facilities (including athletic fields), more trails, and more opportunities for community interaction (including program offerings). The top items for which participants at the Community Meetings placed their dollars included:

- Trails (23%)
- Lake Parks and Fishing (15%)
- Splash pad & pool improvements (15%)
- Improved maintenance of existing parks (13%)
- Parks & open space (11%)

VISION FOR THE FUTURE OF PARKS AND RECREATION IN GRAND PRAIRIE

Agency Vision for the Future

“Creating a Grand Park System”

The vision of the Grand Prairie Parks, Arts and Recreation Department represents the department’s envisioned future. It is intended to be aspirational and future oriented, representing the impact the department seeks to have on the community in the years ahead. This vision represents the department’s desire to play a key role in convening residents, visitors and businesses of Grand Prairie in a way that provides opportunities to positively change lives. These changes may be realized in the form of positive health, wellness, safety, cultural, social and/or economic improvements.

Agency Mission

Enhance the quality of life and create community through people, programs, places and partnerships

The mission of the Grand Prairie Parks, Arts and Recreation Department represents the department’s purpose and reason for existence. The department is dedicated to enhancing the quality of life in Grand Prairie through the unique contributions that parks, arts, recreation and open space have to offer the community.

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**Parks, Recreation and Open Space Plan
Vision**

Enhance life experiences for our evolving community by providing a comprehensive and sustainable system of parks, recreation and open space

The Parks, Recreation and Open Space Plan (park and recreation system master plan) is a comprehensive plan that provides guidance and policy direction for the future of the City's parks, recreation and open space resources. More specifically it emphasizes how the City will deliver park, arts and recreation services in a manner that is consistent with the goals and objectives outlined in the City's Comprehensive Plan. This plan's vision represents the impact the department seeks to achieve in the years ahead. By implementing the goals and objectives outlined in this plan, the department seeks to enhance the lives of the community through the provision and management of a comprehensive and sustainable system.

**Parks, Recreation & Open Space Plan
Values**

In seeking to realize the vision and fulfill its mission, the department is committed to operating in a way that demonstrates the following core beliefs and values.



Creating Life Experiences

We believe in the value of parks and recreation and the amazing impact it has on the lives of our residents and the community as a whole. We are committed to developing and managing parks, spaces, places and programs that allow people to improve their physical and mental health, strengthen family bonds, unite neighbors with one another, create a sense of pride and community, and positively impact the economic value of our

city.

Meeting Evolving Needs

We believe that all people – regardless of their ethnicity, age, gender, income level, or ability – should have access to programs, facilities, places and spaces that enhance their lives. We believe that it is not a privilege, but a right for people to have safe and ready access to a broad range of programs and services that meet their ever changing needs. We are committed to not just reacting to, but also anticipating, innovating and delivering quality life experiences that benefit the entire community. We believe in breadth, depth and balance of services to meet the needs of our beautifully diverse city.

Ensuring Stewardship and Sustainability

We are committed to the preservation, conservation and stewardship of the land, water, and other natural and cultural resources of Grand Prairie. Our parks play a critical role in preserving valuable resources and habitats, protecting clean air and water, providing open space for current and future generations, and preserving the cultural heritage of our community. We are equally committed to the sustainable development and operation of our developed and improved areas of the park system. We take seriously the role we play as stewards of these resources and are committed to managing them in an environmentally, socially, and fiscally responsible fashion.

**PARKS, RECREATION & OPEN SPACE PLAN
GOALS & OBJECTIVES**

To realize the vision of the Parks, Recreation and Open Space Plan, the department developed a set of goals and objectives. The goals represent areas of strategic priority and desired outcomes while the objectives indicate how the goal will be accomplished over the course of the planning period. More detailed action plans will be developed on an ongoing basis that delineate specific projects, activities and measurements for determining success.

Sustainability

Goal: Preserve, Conserve and Sustain!

Targeted Outcome: Grand Prairie has a balanced and sustainable parks, recreation and open space system

Objectives:

1. Acquisition – plan for and implement a comprehensive and balanced park space acquisition strategy
2. Preservation and Conservation – provide for the preservation and conservation of environmental and cultural resources

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3. Development and Improvement – improve and develop world class parks, facilities and services
4. Safety and Security – implement levels of service and standards that ensure the highest level of safety and security
5. Viability – plan for, invest in, and implement management and operational practices to maintain quality experiences and financial sustainability



Community

Goal: Connect, Convene and Thrive!

Targeted Outcome: Grand Prairie connects people, places and spaces in a way that produces a vivid sense of pride, belonging, and engagement

Objectives:

1. Trails and Linkages – plan, develop and maintain a multi-use trails system that provides opportunities for health, wellness, discovery, alternative transportation and connection to local and regional points of interest
2. Spaces and Places for Community Gathering – provide community gathering spaces that develop pride, identity and a sense of community
3. Health, Social and Economic Impact – contribute to individual and community-wide health, wellness, cultural and economic impact through parks, places, spaces and programs

Equity

Goal: Engage, Listen and Serve!

Targeted Outcome: Grand Prairie residents, visitors and businesses have easy and equal access to an array of parks, programs and services that meet their diverse and changing needs

Objectives:

1. Universal Access for All – engage, identify

- needs, remove barriers, and enable access to quality life experiences for all residents, visitors, and businesses
2. Diversification of Indoor and Outdoor Features – plan for and deliver a broad spectrum of parks, programs and services that appeal to the diverse and evolving needs of the community

Innovation

Goal: Originate, Invent and Lead!

Targeted Outcome: Grand Prairie is recognized as a parks, recreation and open space trendsetter

Objectives:

1. Innovative Planning, Development and Management – break the status quo to develop and deliver cutting edge parks, facilities, programs, and services
2. Leadership – lead the community, state, region and nation in providing innovative parks, arts, and recreation offerings



Collaboration

Goal: Coordinate, Collaborate and Partner!

Targeted Outcome: Grand Prairie maximizes collaborative relationships and engagement strategies to generate solutions and successes that could not otherwise be achieved alone

1. Partnerships – maximize relationships and partnerships with private/public, local, state, regional and national entities to best meet the current and future needs of the community
2. Community Engagement – provide ongoing opportunities to engage the community to raise awareness, plan for and constantly improve upon the quality of parks, recreation And open space offerings

CITYWIDE RECOMMENDATIONS

Citywide recommendations focus on the acquisition and development of new parks in underserved areas, protection of natural areas and resources, and the development of facilities as needed to meet unmet needs throughout the community.

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Acquisition and New Parks

In order to meet the current and future needs of Grand Prairie residents, will need to increase its land holdings by a minimum of 400 acres of parkland over the next ten years (or 40 acres per year) in order to maintain the existing 25 acres per 1,000 population guidelines. Land acquisition targets should be part of a comprehensive park development strategy that meets the specific local needs of each sector as well as any annexed areas.

Potential land acquisition should accomplish one or more of the following:

- Protection of natural resources
- New park development
- Preservation of existing open space
- Development of trail corridors and linkages



New Park Development

Based on the analysis in this master plan, seven (7) additional Neighborhood Parks and four (4) larger Community or City Parks should be developed within the current Grand Prairie City limits over the next 10 years. In addition to these parks in existing areas, two (2) Neighborhood Parks and (1) Community Parks should be developed in the ETJ, when those areas are developed.

Locations are listed below (see map on page xv):

Neighborhood Parks

- Northwestern Sector 4 (B)
- Central Sector 5 (C)
- Southwestern Sector 4 (D)
- Southeastern Sector 5 (E) – Mountain Creek Soccer Complex (land to south)
- North-central Sector 6 (F)
- South-central Sector 6 (H)
- Northwestern Sector 7 (I)
- ETJ (Not Shown) – Two (2) Locations

Community Parks (or Larger)

- Southeastern Sector 1 (A) – Great Southwest Park
- Southwestern Sector 6 (G)

- Somewhere in Sector 7(J)
- Sector 8 (K) – Pleasant Valley Park
- ETJ (Not Shown)

Lake Parks

- Estes Park Sector 8 (may also meet needs of J)

Conservation and Sustainable Development

Future development should place emphasis on conservation of resources and sustainable development in order to ensure that natural areas and resources are available for all residents. The Department should develop a series of standards that emphasize:

- Preservation of resources to promote ecosystems services (air and water quality, hazard mitigation, wellness and educational opportunities, etc.)
- Landscape standards for the local climate
- Natural drainage for stormwater runoff
- Use of recycled building materials
- Design that conforms to natural site topography

Trail Plan

Grand Prairie currently offers over 45 miles of trails, but only 4.4 miles are located outside of park properties. Public input indicated that walking and hiking trails (paved and unpaved) and bike trails were the top activities that residents would use more often if facilities were available.



The proposed system of paved shared-use or multi-use trails consists of a series of primary routes and connecting spurs. The plan shows a combination of shared-use trails, wide sidewalks, park trails, and on-road bike routes that provide links between neighborhoods, schools, parks, and other destinations in Grand Prairie. The trails also connect to the regional network (Veloweb).

The potential trail routes recommended throughout Grand Prairie over the next 10 to 20 years can be seen in the map on page xvi. Twelve

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(12) primary routes are labeled from “A” to “L” and include a series of north-south connections, allowing users to travel from the southern end of the City to the northern boundary with Irving, and east-west routes, allowing users to travel from Arlington and Mansfield to Dallas and Cedar Hill.



Citywide Facility Priorities

These facility improvement priorities represent a summary of the highest priority needs throughout the City of Grand Prairie and are separated into three categories: parks and system-wide improvements, outdoor facilities, and indoor facilities.

1. Parks and System-Wide Improvements
 - Trail plan implementation
 - Land acquisition for new parks and natural areas
 - Community Parks in Underserved Areas (Great Southwest Park, Sector 6, and Sector 7)
 - Lake Park improvements and enhancements, including support facilities
 - Neighborhood Parks in Underserved Areas (7 locations)
 - Completions of EPIC Waters phase II
 - Addition of support facilities at old parks and facilities (restrooms, security lighting, drinking fountains)
 - Improved accessibility/ADA improvements
 - Improved signage (entrance, wayfinding, and interpretive)
 - Planning for future growth in ETJ
2. Outdoor Facilities
 - More walking and hiking trails and enhancements (benches, shade, signage, overlooks, interpretive signage)
 - Improvements/replacement of outdated or deteriorated park facilities (playgrounds, shelters, etc.)
 - Additional playgrounds (10 to 20 additional)

- Additional basketball courts (3 to 12)
 - Additional multi-purpose fields (6 to 10 additional)
 - Additional ballfields (6 to 8 additional)
 - Additional dog parks (2 to 3)
 - More community gardens (distributed throughout City)
 - Additional picnic areas/shelters (10 to 15 additional)
 - More pickleball and other senior sports (distributed throughout City)
 - Picnic shelters (5 to 12)
3. Indoor Facilities
 - Completion of The Epic
 - Additional neighborhood recreation centers (Sectors 1, 2, 6, and 7)
 - Upgrades to existing facilities (natatorium and recreation centers)

PRIORITIES BY PLANNING SECTOR

Based upon the public engagement, analyses, and application of level of service standards, the following are the top priorities for park improvements in each of the eight planning sectors.

Sector 1: Northwest (population 12,224)

Outdoor Priorities

1. Great Southwest Park Improvements
2. Land acquisition (100-150 acres)
3. Trails
4. Natural areas (preservation and conservation)
5. Shelters and picnic areas
6. Habitat restoration
7. Nature observation

Indoor Priorities

1. Meeting room
2. Neighborhood center
3. Gymnasium

Sector 2: North Central (population 7,791)

Outdoor Priorities

1. Trail connections
2. Aquatics
3. Renovation of athletic complexes
4. Outdoor courts
5. Land acquisition

Indoor Priorities

1. Neighborhood recreation center
2. Nature center

Sector 3: Northeast (population 0)

Outdoor Priorities

1. Trail enhancements
2. Parking
3. Playground improvements
4. Skate Park Improvements

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Sector 4: Central West (population 39,463)

Outdoor Priorities

1. Trails
2. Park acquisition (200-300 acres)
3. Jaycees Park improvements
4. Playground improvements/replacements - playground adventure future phase
5. Neighborhood park improvements

Indoor Priorities

1. Veterans' Event Center
2. Dalworth Recreation Center improvements complete
3. EPIC Waters Phase II
4. Summit expansion
5. New Maintenance facility

Sector 5: Central East (population 67,574)

Outdoor Priorities

1. New trails
2. Trail improvements
3. Playground improvements/additions
4. Shelters and pavilions
5. Land acquisition (250-350 acres)
6. Courts
7. Pool and splash pad improvements

Indoor Priorities

1. McFalls Building improvements
2. Pool facility improvements
3. Kirby Creek Natatorium renovations
4. Kirby Creek Nature Center improvements
5. Ruthe Jackson Center improvements

Sector 6: Central (population 45,987)

Outdoor Priorities

1. Trails
2. Trail renovation
3. Freedom Park athletic fields improvements
4. Parkhill expansion/improvements
5. Land acquisition with schools (50-100 acres)
6. Camp Wisdom development

Indoor Priorities

1. Meeting rooms
2. Sub-recreation center
3. Multipurpose Prairie Lights building
4. Maintenance Building improvements

Sector 7: Southwest (population 12,889)

Outdoor Priorities

1. Land acquisition
2. Trails
3. Dog park
4. Electrical improvements
5. Camp site renovations

Indoor Priorities

1. Maintenance Complex improvements
2. Cielo improvement
3. Lodge improvement

4. Storm shelters

Sector 8: Southeast (population 556)

Outdoor Priorities

1. Land acquisition
2. Trails
3. Estes Peninsula infrastructure
4. Neighborhood park development

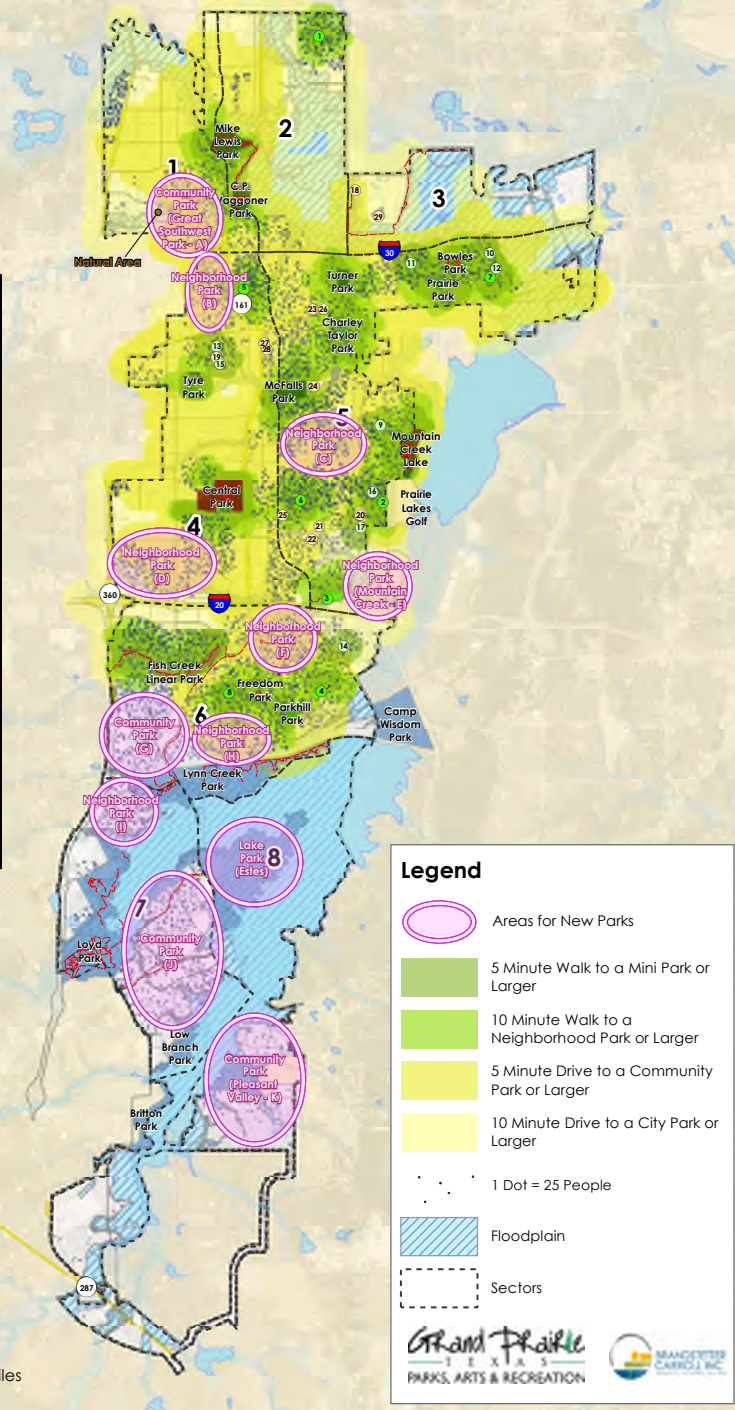
Indoor Priorities

1. Recreation center
2. Tangle Ridge clubhouse improvements
3. Long term- Maintenance facility



New Park Locations
Parks, Recreation, and Open Space Master Plan
Grand Prairie, Texas

Neighborhood Parks	
Bear Creek Park	1
Bradshaw Park	2
Fish Creek Forest Preserve	3
Friendship Park	4
Hill Street Park	5
L.B.J. Park	6
Live Oak Park	7
Winsum Park	8
Mini Parks	
Hendrix Park	9
Johnson Street Park	10
Lamar Park	11
Mockingbird Park	12
Nance-James Park	13
Sesquicentennial Park	14
Stanton Gardens	15
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Woodcrest Park	17
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Market Square	23
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Ruthe Jackson Center	25
Uptown Theater	26
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Veterans Memorial	28
Wide World of Parks	29



Source: City of Grand Prairie, USGS, US Census, FEMA

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Proposed Trails - Primary Routes

Parks, Recreation, and Open Space Master Plan
Grand Prairie, Texas

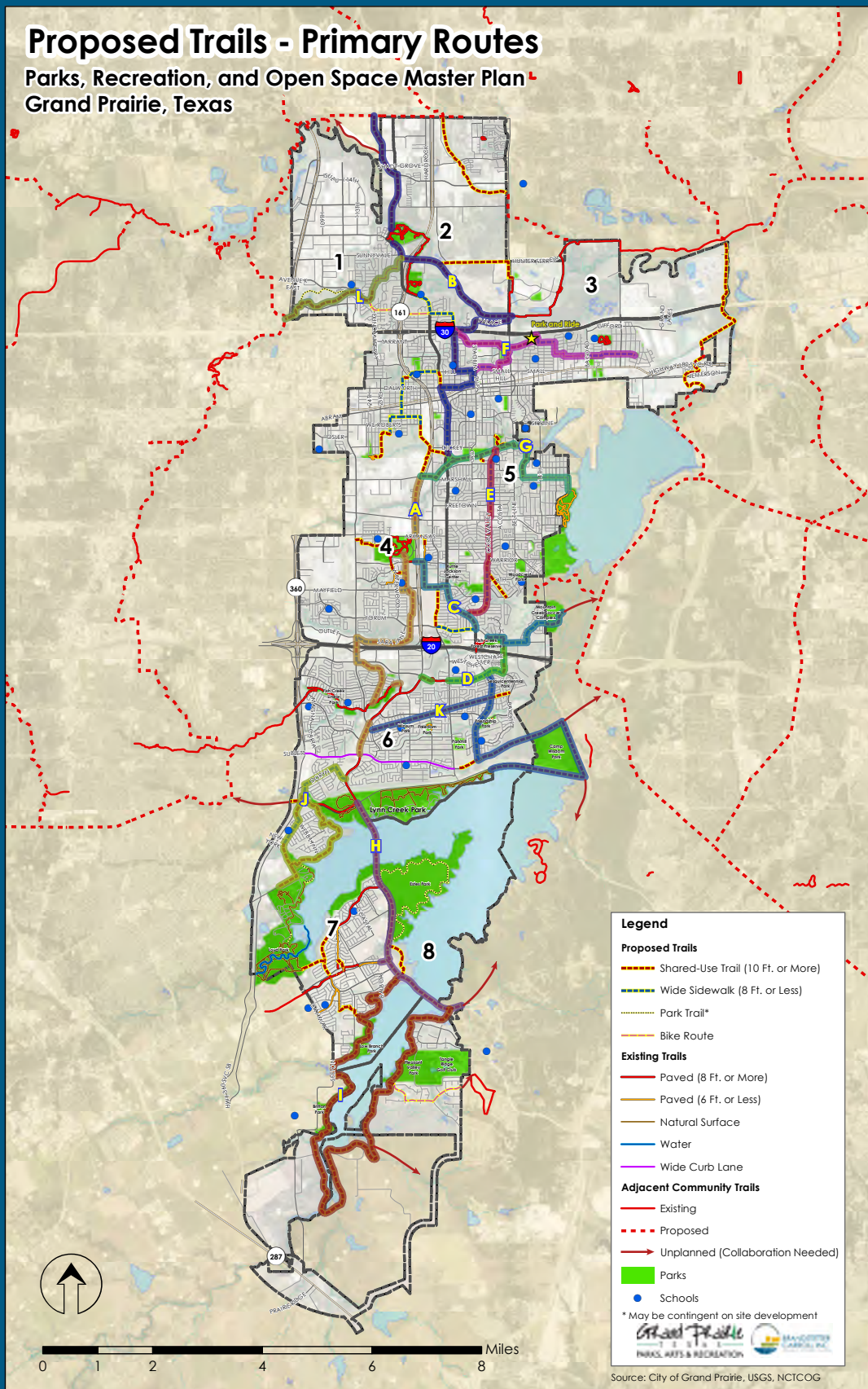




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Section I
Introduction

Section I
Introduction

I. INTRODUCTION

THE NEED FOR A PLAN

The City of Grand Prairie, located in North Central Texas, was incorporated in 1909, but the settlement of the area began earlier in the 1840s. Family homes of two early settlers are located in Grand Prairie parks: the Jordan-Bowles home in Bowles Park and Loyd Home in Loyd Park. The Town of Dechman, which eventually became downtown Grand Prairie, was founded in 1863 and began to grow after the construction of the Texas and Pacific Railroad which passed through the center of town. Interurban trolley service between Dallas and Fort Worth began on 1902 and traveled through downtown Grand Prairie, leading to continued population growth.

The population grew rapidly during World War II as a result of the construction of North American Aviation to serve the adjacent Naval Reserve Aviation Base. Grand Prairie's population grew from 1,000 to 15,000 during the 1940s. To meet the housing demands for this growing population, Grand Prairie began annexing large amounts of land, including the previously incorporated Dalworth Park. These annexations led to further growth with the population reaching 50,000 in 1970. This growth has continued through the present as the City of Grand Prairie had an estimated population of just under 190,000 as of 2016.¹ As the population of Grand Prairie has grown, it has also become more diverse with minority populations representing a majority of residents of the City. Additionally, the median age has increased and the percentage and number of seniors has grown. More information about demographics can be found in Chapter II.

The City of Grand Prairie has continuously worked to improve the availability of parks and recreation opportunities for residents. From its inception, the Department has focused on recreation, opening Dalworth Recreation Center and Crockett (now Charley Taylor) Recreation Center in the early 1960's.

Using funding provided by a ⅛ cent sales tax for parks, Grand Prairie completed the Ruthe Jackson Center, the Splash Factory, Mountain Creek Soccer Complex, baseball fields at Charley Taylor Park, softball fields at McFalls Park East, and football fields at Parkhill Park, all in 2002. The Bowles Life Center and Bear Creek South Park both opened in 2006. An additional ⅛ cent sales tax was approved in 2015 for the development of the Epic recreation center, Epic Waters (an indoor/outdoor waterpark), an amphitheater, additional trails, and Playground Adventures (a large all-inclusive playground) at Grand Central.

As a result of the "world class service" offered by Grand Prairie, the Parks, Arts, and Recreation Department won the Gold Medal Award from the Texas Recreation and Parks Society (TRAPS) in 2004. The department was a finalist for the National Gold Medal Award from the National Recreation and Park Association (NRPA) in 2007 and 2008. In 2008, the Department was awarded the Gold Medal. For 2016, the Parks, Arts, and Recreation Department was nominated as a finalist for the National Gold Medal Awards for Excellence in Park and Recreation Management and received the award again in 2017.

Grand Prairie has a Parks Advisory Board which provides advice on parks, recreation, and open space policies. Grand Prairie has a total of 55 parks classified into eight categories: nine (9) Mini Parks, eight (8) Neighborhood Parks, six (6) Community Parks, five (5) City Parks, one (1) Regional Park, sixteen (16) Special Use Parks, three (3) Linear Parks, and seven (7) Lake Parks.

In addition to the facilities offered by the City of Grand Prairie, the five school districts within the City provide playgrounds and basketball courts that can be used by the public when schools are not in session at 33



Rascal and Gold Medal

¹ City of Grand Prairie website, "Grand Prairie Historical Recap," <http://www.gptx.org/about-us/history/historical-recap>.

locations. The City also has joint use agreements for public use of the tennis courts at the two high schools in Grand Prairie. Additionally, several HOA facilities are located in Grand Prairie, offering playgrounds, tennis courts, trails, and swimming pools for residents of those neighborhoods.

The growing population and changes to the makeup of the population have implications to both the current and future needs for parks and recreation in Grand Prairie. Recognizing that the needs of the population should be reassessed to update the 2008 *Parks, Recreation, & Open Space Master Plan*, the City Council and staff of the Parks, Arts, and Recreation Department determined that a comprehensive process should be completed to determine the needs of the community for the future, leading to the authorization of this Master Plan. The City appointed a Steering Committee to guide the planning process and to develop a theme for the process. The *Project Discovery 2026* plan represents the culmination of the master planning process and will provide guidance for parks, recreation, open space, and trails in Grand Prairie for the next ten years.



Epic Logo

THE IMPORTANCE OF PARKS

This master planning effort, which will help determine the future of parks and recreation in Grand Prairie, is important because parks provide a number of benefits and services to the community. Additionally, local agencies have the responsibility to manage parkland in an efficient manner that is consistent with the health, safety, and welfare of the community, and *Project Discovery 2026* is intended to assist and direct the management of these lands and facilities. For many residents, parks provide their primary access to the natural environment, and for all residents, parks provide a variety of natural and active outdoor recreational opportunities. Access to these facilities helps to promote the health and wellness of the community.

The quality of a community's parks and recreation system is viewed as one of the indicators of the overall quality of life. A recent study titled, *The Economic Benefits of Land Conservation* by John L. Crompton for the Trust for Public Land, investigated the impact of parks and open space on property taxes. This study indicated that property values were higher for properties near quality parks and open spaces than for similar properties located elsewhere. In addition, recent surveys of home buyers by the National Association of Home Builders indicated that trails, parks, and playgrounds were three of the top five amenities that a home buyer desires when considering a new home purchase. Finally, the preliminary findings of a recent study, *The Economic Significance of Local and Regional Park Systems' Spending on the United States Economy*, conducted by the Center for Regional Analysis at George Mason University (GMU) for the National Recreation and Park Association (NRPA) found that local and regional parks created \$140 billion in economic activity per year and supported nearly one million jobs in the United States.

The residents and the leadership of Grand Prairie place a high value on parks and recreation services. Based on the *Grand Prairie Parks and Recreation Needs Assessment Survey*, 88% of residents support upgrading older parks and facilities and 80% support purchasing land to preserve open space (See Chapter III for more information). Through the implementation of this plan, parks will continue to serve as gathering places for the community and improve the quality of life of Grand Prairie residents.

PREVIOUS PLANS

The following summaries describe existing and previous plans and studies developed for the City of Grand Prairie. Special attention is given to findings and recommendations related to parks, recreation, open space, and trails.

2008 Parks, Recreation and Open Space Master Plan Update

The 2008 Update was prepared by Jacobs Carter Burgess with National Service Research and PROS Consulting. At the time of this plan, the population of Grand Prairie was estimated at 148,677, and the City had a total of 5,002.25 acres of parkland. The process utilized a statistically valid citizen phone survey and several public workshops to identify citizen needs. The plan identified the specific priorities for each zip code. A summary of the City-wide priorities (with status in parentheses) is provided in the ensuing text.

1. High Priority Items

- Develop outdoor aquatics, spray parks, and water park/waterslide complex and upgrade existing pools. (EPIC Waters is under construction, but other aquatic facilities have not been upgraded.)
- Add hike/bike/running & nature trails throughout the community. (Trails have been added at Grand Central and Mountain Creek Lake Park. Lone Star Trail Phase 2 and the Good Link Linear Park were also completed.)
- Expand the Senior Center. (The Summit was developed based on an additional study.)
- Upgrade existing playgrounds and add new equipment in underserved areas, including the Lake Parks, Bowles, Bradshaw, Central, Charley Taylor, Fish Creek Preserve, Freedom, Hendrix, McFalls, Prairie, Sycamore, and Turner Parks. (The playgrounds at Charley Taylor Park, Loyd Park, Prairie Park, and Fish Creek Preserve have been developed, and fundraising is currently underway for Playground Adventures at Grand Central.)
- Pursue improvements to Lake Parks, including camping facilities including cabins, trails (hike, bike, jog, running and /or nature trails), fishing piers, facilities for water recreation, swimming beaches upgrades plus an aquatic facility. (A playground was added at the Loyd beach in 2010, and the Loyd Park Lodge and Loyd Home recently opened.)
- Explore an extreme sports venue at the Lake Parks, including a whitewater center, BMX biking, cable water ski course, a ropes course, and a paintball course. (not developed)

2. Moderate Priority Items

- Provide practice athletic fields.
- Rehab/renovate picnic areas and pavilions, specifically at Bowles, Bradshaw, Charley Taylor, C.P. Waggoneer, Hendrix, Lamar, Loyd, Britton, Pleasant Valley, Live Oak, McFalls East, Mountain Creek Lake, Sycamore, Turner, Tyre, Central, and Winsum Parks. (Pavilions were renovated/replaced at Live Oak and Bowles Parks).
- Develop an amphitheater and performing arts space. (The Uptown Theater was renovated and a mobile stage was purchased.)
- Provide botanic garden/arboretum features.
- Develop an environmental learning center. (The gardens at the Kirby Creek Environmental Education Center were upgraded in 2012.)
- Develop a Recreation/Community Center with Teen Center. (EPIC is under construction.)

3. Low Priority Items

- Provide open space/natural areas. (A mitigation/prairie was established at Lynn Creek West with approximately 2 miles of natural surface trails).
- Add sand volleyball courts to Charley Taylor Park, Loyd Park, and Lynn Creek Park.
- Provide basketball courts and existing neighborhood and community parks. (A basketball court was added at Johnson Street Park.)
- Add and renovate soccer fields in community parks.



Parachute Racing

-
- Provide youth baseball complex at Camp Wisdom.
 - Provide softball fields at Camp Wisdom.
 - Provide a dog park in the Lake Parks.
 - Add and renovate football fields at various locations, including Freedom, Parkhill, and Tyre Parks.
 - Renovate historic homes at Bowles Park, Loyd Park, and at the Copeland home.
 - Provide tennis courts in existing parks, including Central, Freedom, Loyd, and Lynn Creek Parks.
 - Provide baseball fields at Camp Wisdom and add fields to Freedom Park.
 - Provide disc golf at a community park or along Joe Pool Lake, and Mountain Creek Lake Park, Loyd Park, and Lynn Creek Park. (An 18-hole disc golf course was added at Turner Park, and the 9-hole disc golf course was renovated at Mountain Creek Lake Park.)

2008 Parks, Recreation and Open Space Master Plan Update Accomplishments

The following list summarizes the accomplishments since the adoption of the *2008 Parks, Recreation, and Open Space Master Plan Update*:

- The Uptown Theater was renovated and opened.
- The Summit was developed and the former Senior Center has been converted to a Veterans Center, increasing the space for seniors from 8,000 square feet to 56,000 square feet.
- Construction has begun on EPIC and EPIC Waters.
- Dalworth Recreation Center was renovated and expanded.
- The Charley Taylor Park playground was developed.
- The Charley Taylor Recreation Center has begun design for renovation.
- Outdoor basketball courts have been upgraded at several parks.
- The Lodge was developed at Loyd Park offering 16 two-bedroom units and conference/meeting facilities, and a cabin resembling the Loyd home was constructed to allow overnight rental use.
- Citywide gateways have been developed.
- Veterans Memorial was enhanced.
- A soft surface trail was developed at Mountain Creek Lake Park.
- The Fish Creek Forest Preserve playground at Crossland Road was developed in 2011.
- The Grand Prairie Memorial Gardens (Cemetery) opened in 2004, and a columbarium was developed in 2014.
- The Market Square Farmers Market opened.
- The Lake Parks Operations Center was developed.
- Lone Star Trail Phase 2 was completed.
- Kirby Creek Natural Science Center opened.
- Lynn Creek West prairie/mitigation was completed.
- Bowles Park trail and parking improvements were completed.
- Turner Park Disc Golf Course was completed in 2010.
- Prairie Park playground (KaBoom) project was completed.
- The Loyd Park Camp Store was opened.

1988 Parks, Recreation and Open Space Plan

The 1988 Plan was prepared by Schrickel, Rollins & Associates. Recommendations were provided for the City as a whole and for seven sectors of the City. At this time, the city population was estimated at approximately 94,819 with considerable growth expected to 142,518 in the year 2000. At that time the City had 1,064 acres of "close to home" space plus 2,940 acres of "regional" space, totaling 4,004 acres. Specific recommendations included the addition of the following facilities:

- Recreation centers in the north, south central, and Lake sectors
- Senior recreation center in the south
- Outdoor amphitheater
- Center for performing arts
- Arboretum
- Golf course in the south
- 69 softball/baseball fields

-
- 42 soccer/football fields
 - 17 new tennis courts and 1 new tennis center
 - 13.8 miles of trails
 - 1.5 swimming pools

1998 Parks, Recreation and Open Space Master Plan Update

The 1998 Update was also prepared by Schrickel, Rollins & Associates. Public engagement included a statistically valid household survey along with a sports association survey, citizen letters on specific issues, civic and service club notices, and more. Recommendations to serve through 2007 included the needs for the following facilities:

- 38 acres of additional parkland
- 10 ball diamonds
- 3 soccer/football fields
- 1 aquatic center
- 1 senior center
- 3 miles of trails
- 5 tennis courts

All priorities of the 1998 Parks, Recreation and Open Space Master Plan Update were funded and completed.

2010 Comprehensive Plan

The City of Grand Prairie 2010 Comprehensive Plan provided background, goals and objectives that impact and relate to parks and recreation services. The following excerpts relate to parks, recreation, and open space.

1. Grand Prairie Mission, Vision, and Goals

City of Grand Prairie Mission: Our mission is to create raving fans by delivering world class service.

City of Grand Prairie Vision: *Our vision is to be a world class organization and City in which people want to live, to have a business or come visit. To be a city people talk about because of our:*

- *High quality of life*
- *Extreme commitment to world class service*
- *Unity*
- *Diversity - inclusiveness*
- *Values*
- *Programs*
- *Attractions*
- *Facilities*
- *Innovative actions*
- *City staff*
- *Commitment to Public Safety*
- *Commitment to our environment*

Our Values: People * Service * Integrity

2010 Comprehensive Plan Goals:

GOAL 1: Use Sound Land Use and Urban Design Principles to Optimize City Land Resources

GOAL 2: Encourage Resource Conservation and Renewable Energy

GOAL 3: Revitalize Older Developed Areas, Including the Downtown Area

GOAL 4: Maintain and Upgrade the City's Transportation Infrastructure

GOAL 5: Promote and Enhance Economic Development Strengths, like the Entertainment Venues

GOAL 6: Maintain a Safe City with a High Quality of Life

GOAL 7: Maintain and Improve Drainage in the City through Watershed Planning and Floodplain Management

GOAL 8: Provide Recreational Options and Protect Open Space

GOAL 9: Use Current Technology for a more User Friendly Development Process

GOAL 10: Promote and Adopt “Sustainable Growth Practices”

GOAL 11: Investigate Opportunities for Intergovernmental Cooperation

GOAL 12: Achieve a Broad Housing Selection for a Diverse Population

2. Parks and Recreation Objectives

The Comprehensive Plan states that the Parks, Arts, and Recreation Department is responsible for the implementation of citywide leisure service improvements in accordance with the *2008 Parks, Recreation & Open Space Plan* and that the purpose of that plan is to:

- Provide the framework for orderly and consistent planning and development.
- Provide detailed research and facts concerning the community and the roles of parks and recreation.
- Establish priorities and statements of direction based on research and documented facts and a community based needs analysis.
- Provide direction in the area of acquisition and development of park land to meet future needs.
- Conform to the preparation suggestions and/or guidelines for local Park, Recreation and Open Space Master Plans, prepared by the Texas Parks and Wildlife Department for Texas Recreation and Park Account local park grant program.

3. Other Excerpts from the Comprehensive Plan

The plan referred to a Citywide aquatic study in 2008 that provided guidance for development of neighborhood and regional aquatic facilities. The plan indicated a future need for major athletic complexes, community centers and other leisure service facilities in the southern Lake Sector and a need to maintaining and improving the existing facilities in established communities.

The plan emphasizes that the Parks, Arts, and Recreation Department has the option to participate when a new subdivision is established through Resolution 3924 which provides the Department with the opportunity to acquire property for linear parks, open space and trails. The plan defines a linear park as “an area of open space that usually runs along a drainage corridor, utility easement or body of water.” The plan explains that these linear parks can be utilized for the development of trails. These acquisitions can be used to meet Objective 26: Provide interconnectivity through a citywide open space and trail system.

Other notable objectives from the Comprehensive Plan include:

Objective 26: Policy 10 – Ensure that open space and recreational amenities are readily accessible to the public and that they are interconnected and distributed throughout the city.

Objective 26: Policy 11 – Trails within subdivisions, planned developments and planned improvement districts will be maintained by the HOA/PID in which they are located.

Objective 26: Policy 12 – Trails must meet the specifications of the City's Parks and Recreation Department.

Objective 26: Policy 13 – Develop on- and off-street bicycle plan that will have the potential to connect with existing and future trail systems.

The Comprehensive plan also discusses that the development of a Bike and Pedestrian Master Plan will require input from multiple departments, including Transportation, Police, and Planning and Development. The plan indicates that the Parks, Arts, and Recreation Department should be one of the key players in the development of this Bike and Pedestrian Master Plan because the on-street bike lanes will need to connect with off-street pedestrian and bicycle trails.

MASTER PLANNING PROCESS

The master planning process consisted of several different phases with frequent meetings between representatives of Grand Prairie and the Consultant. Each phase concluded with the submittal of

documentation and a presentation of findings through that point of the process. A summary of the process and details of each phase are outlined below.

Planning Context

The planning process launched with meetings with Grand Prairie representatives, the gathering of information on City demographics, and a review of existing data.

1. Master Plan Steering Committee

The Parks, Arts, and Recreation Department appointed a Steering Committee of staff members to work with the Consultants throughout the process. The Consultants met regularly with the Steering Committee with updates of findings, from which the Committee assisted in establishing the future vision, goals, objectives, and priorities.

2. Demographic Analysis

Using information provided by the City of Grand Prairie and other sources, the Consultant performed an analysis of the demographic and population characteristics of Grand Prairie. Demographic and land use trends and characteristics within the City limits were gathered from various sources. Information included:

- Five and ten year population projections
- Demographic characteristics (quantity, ages, race, etc.)
- Household size
- Median household income and educational attainment
- Demographic trends

3. Social Needs and Conditions Analysis

A social needs and conditions analysis was conducted using nine demographic and socioeconomic indicators to measure the level of social need for 46 census tracts in Grand Prairie. The process utilized a ranking of the census tracts (compared to each other) for each of nine social needs factors to form an overall ranking for each census tract. These results were then mapped to demonstrate the difference in social needs throughout the City of Grand Prairie. The nine factors included in the analysis included:

- Median household income
- Education level
- Unemployment
- Single parent households
- Crime
- Residents under age 18
- Residents age 65 or older
- Poverty
- Population density

4. Eight Planning Sectors

The City of Grand Prairie was divided into eight different sectors using logical barriers such as roads and water bodies to allow for the analysis of differences between various portions of the City and for the development of recommendations specific to these sectors which have different characteristics and needs.

5. Benchmarking Comparisons to Similar Systems

Benchmarking comparisons of similar park systems were compiled for comparisons to similar parks and recreation systems. Comparison between these park systems consisted of a number of criteria such as: park acreage (developed and undeveloped), per capita budgets, types of facilities offered, and other relevant characteristics. Twenty-three similar systems throughout Texas were identified for comparison. The analysis used the NRPA PRORAGIS program to compare facilities, programs, and operating procedures with other like agencies.

Public Input

The public input process entailed a wide variety of methods intended to reach both park users and non-users to determine needs and desires for the future of parks and recreation in Grand Prairie.

1. Public Workshops

Public workshops were held throughout Grand Prairie in March, April, and May 2016 to identify the public perception of park facilities and programming needs. The purpose of the public workshops was to solicit input from citizens and users regarding their concerns and opinions about existing facilities and programs and to determine their desires for future facilities and programs. The workshops were interactive and involved all participants in a variety of methods.

2. Staff Input

Meetings and interviews were conducted with Grand Prairie staff members regarding their perceptions of the public's needs and concerns, the potential for improved services, facilities, programs, and public access.

3. Stakeholder Groups

Meetings and round table discussions were conducted with stakeholder groups representing a variety of community and government organizations. These groups included: sports groups and cultural and community service organizations. Grand Prairie provided invitations and meeting space for these meetings. Questions were prepared in advance and were approved by the Steering Committee.

4. Grand Prairie Parks and Recreation Needs Assessment Survey

A statistically valid mail survey (Mail Survey) was conducted by ETC Institute with 741 responses from residents of Grand Prairie. The survey was used to identify:

- Current satisfaction levels with programs and facilities
- Participation and satisfaction with current programs
- Parks currently used
- Needs for various facilities and programs
- Most needed facilities
- Primary actions that should be taken by Grand Prairie regarding parks, recreation, open space, trails, programs, and facilities

5. Web-Based Survey

Additionally, a web-based survey (Web Survey) was conducted that asked similar questions to the Mail Survey. Where the statistically valid mail survey reached a selected, random sample of residents, the goal of the Web Survey was to engage as many residents as possible. A total of 193 local residents completed the survey. Questions were approved by the Steering Committee. Grand Prairie promoted the Web Survey through email blasts, newsletter announcements, placement on their web page, and other methods. A handout version of the survey was also created and completed by residents at the public workshops and other public events.

Inventory of Areas and Facilities

This phase of the master planning process consisted of an analysis of existing parks, facilities, and programs in their current form. This analysis was important in order to assess current conditions to later compare against the desires of Grand Prairie residents as presented in the later needs assessment phase.

1. Park Classification

An update to the classifications for parks in Grand Prairie was developed for the categorization of the existing park and open space properties in the City.

2. Parks, Open Space, and Facilities Inventory

This process entailed an inventory of all existing parks and open space properties available in the City of Grand Prairie. Visits were made to all Grand Prairie facilities to identify the existing conditions and assess opportunities for improvements. After this analysis was completed, each of the properties in Grand Prairie was assigned to one of the updated park classifications. A table was produced to provide an inventory of the amenities offered at each property.

The facility inventory included trails located throughout Grand Prairie both inside and outside of park properties. Finally, the inventory process considered the amenities available at local schools and HOA properties in the City of Grand Prairie. Park facilities located just outside of the City limits were also included in this inventory.

3. Citywide Parks and Trails Map

A map was prepared using GIS software to illustrate all of the City-owned parks and recreation facilities and trails. A second maps was prepared to show school and HOA/PID facilities.

Needs Assessment and Identification

1. Level of Service Guidelines

Level of service guidelines were developed based on public input, the benchmarking comparisons, and existing standards and guidelines. These guidelines were presented and approved by the Steering Committee. Level of service standards were developed for each of the park classifications and were applied to the City as a whole and to the eight sectors of Grand Prairie. Levels of service standards were similarly developed for recreation facilities and for total acreage of open space.

2. Geographic Distribution – Service Gap Analysis

An analysis was conducted to determine current service gaps by mapping the locations of current facilities, first parks and then specific recreation facilities, with a defined service area to identify locations within the City of Grand Prairie lacking access to facilities. Individual maps were prepared for picnic pavilions/shelters, playgrounds, multi-purpose fields, ballfields, tennis courts, basketball courts, swimming pools and lake swimming locations, recreation centers, and the trails to identify the distribution of these facilities throughout the community. A Composite Service Areas map was produced to show a combined level of service for all parks and facilities. This map was then compared to the Social Needs and Conditions map produced earlier in the process.

Agency Mission and Strategic Plan with Goals and Objectives

The Steering Committee and the Consultant collaborated to develop a vision for the future of parks and recreation services in Grand Prairie. Using the findings of this master planning process, an updated mission, a vision, and a series of goals and objectives were identified for the City of Grand Prairie.

Plan Implementation and Prioritization of Needs

Using the data collected throughout the master planning process, a series of recommendations were formulated to meet the needs and expectations of Grand Prairie residents. The recommendations were separated into the following groupings.

1. Citywide Park, Program, and Facility Improvement Recommendations

System-wide improvements for facilities, programs, and operations were provided to direct parks and recreation over the next ten years. Priorities were provided for improvements that apply to the entire system or to Grand Prairie as a whole, both indoor and outdoor. A Citywide map was produced to illustrate the proposed general locations of new parks.

2. Capital Improvement Priorities by Sector

Priorities were provided for each of the eight sectors for both indoor and outdoor improvements with consideration to the specific conditions of each of these locations within Grand Prairie.

3. Individual Park Recommendations with Implementation Costs

Specific potential improvements were identified at each park or recreation facility with an estimate of probable construction cost for each recommended capital improvement.

Action Plan

The final phase of the process consisted of the creation of an Action Plan, or a phased implementation plan, providing strategies for the implementation of the recommendations.

The Action Plan provided specific strategies for:

- Parks, trails, and open space

-
- Recreation facility recommendations
 - Park and facility operations
 - Programs and services

The action steps for the implementation of the plan were categorized as short-term (0-2 years), mid-term (3-5 years), or long-term (6-10 years) strategies. Additionally, the plan identified the responsible party, potential funding source for each strategy, and the planning sector where the action would take place.



Section II
Planning Context

II. PLANNING CONTEXT

INTRODUCTION

The Planning Context chapter provides a summary of historical factors and trends that may influence the delivery of parks and recreation services throughout the City of Grand Prairie. This chapter begins with a summary of the population and demographic trends in Grand Prairie. The chapter then presents the planning sectors within the City of Grand Prairie that are utilized throughout this master plan. Finally, this chapter concludes with a benchmarking analysis that compares the Grand Prairie Parks, Arts, and Recreation Department with other departments throughout Texas.

POPULATION TRENDS

An overall understanding of the population trends of Grand Prairie is necessary to identify the present conditions and to anticipate future needs for parks and recreation services and facilities. Needs vary between demographic groups, and these needs also change over time.

Table II-1 illustrates the population change for the City from 1980 to 2040. This table uses U.S. Census Bureau data for historic figures, Esri forecasts for 2016, 2020, and 2026 projections,¹ and North Central Texas Council of Governments (NCTCOG) data for 2040 projections. Trends indicate that the population has increased steadily over each ten year period and is expected to continue to grow, but at a somewhat slower (but still substantial) rate.



Crowd at Event

Table II-1: Grand Prairie Population History and Projections (1980-2040)

					Projections			
	1980	1990	2000	2010	2016	2020	2026	2040
City of Grand Prairie	71,462	99,616	127,079	175,396	189,278	199,086	218,426	266,065
10 Year Growth %		39.4%	27.6%	38.0%		13.5%		

Source: U. S. Census Bureau (1970-2010), Esri forecasts (2016 and 2020), NCTCOG (2040)

Households

Table II-2 shows the number of households in 2010 and household size from 2000 to 2020 for Grand Prairie, Texas, the North Central Texas area,² and the USA. The table indicates that in Grand Prairie, the average household size increased substantially from 2000 to 2010 and is expected to continue to increase through 2021. In 2016, the average household size for residents in Grand Prairie was much higher than that of the USA and was also higher than the State of Texas and North Central Texas area averages. The increasing household sizes in Texas, North Central Texas, and Grand Prairie contrast with the static household size in the USA as a whole.

Table II-2: Household size (2000 to 2021)

	Households	Average Household Size			
		2000	2010	2016	2021
USA	121,786,233	2.59	2.58	2.59	2.60
Texas	9,741,019	2.74	2.75	2.78	2.79
North Central Texas	2,568,193	2.70	2.73	2.76	2.78
Grand Prairie	61,530	2.89	3.01	3.07	3.10

Source: U.S. Census Bureau (2000 and 2010), Esri forecasts (2016 and 2020)

¹ 2026 estimates were calculating using the projected growth rate from 2016 to 2021.

² The North Central Texas area is defined as the NCTCOG 16-county planning region.

Median Age

Table II-3 shows the median age for Grand Prairie, North Central Texas, Texas, and the USA from 2000 through 2021. The median age in Grand Prairie increased steadily between 2000 and 2010 (from 30.5 to 31.3) and is expected to continue to increase through 2021. The increase is consistent with the other geographic levels which have steadily increased and are expected to continue to do so. However, all of the larger geographic areas have higher median ages than Grand Prairie.

In 2016, the median age in Grand Prairie was lower than the State of Texas but approximately the same as the national median. The estimated median age in 2015 was 32.1 in Grand Prairie compared to 34.5 for North Central Texas, 34.4 for Texas, and 38.0 for the USA. The age of residents in a community is important because Grand Prairie needs to plan for the appropriate age groups that it will be serving.

Table II-3: Median Age (2000-2021)

	2000	2010	2016	2021
USA	35.3	37.1	38.0	38.7
Texas	32.3	33.6	34.4	35.0
North Central Texas	N/A	33.6	34.5	34.9
Grand Prairie	30.5	31.3	32.1	32.5

Source: U.S. Census Bureau (2000 and 2010), Esri forecasts (2016 and 2021)

Seniors

Table II-4 displays the population age 65 and over from 2000 to 2021 and shows that this age group has increased greatly as a percentage of the population over this time period and is expected to continue to do so through 2021 for all geographic levels. In Grand Prairie, the proportion of the population over 65 increased slightly between 2000 and 2010 from 6.4% to 6.7% and has continued to grow at an increased rate through 2016. Similar to the trends of the other geographies, the proportion of the population age 65 and over is expected to continue to increase through 2021.



Summit Aerial Looking West

As of 2016, Grand Prairie had a lower percentage of the population in this age cohort at 8.3% than any of the larger geographic areas. By 2021, Grand Prairie is projected to have nearly 10% of the total population in this age cohort, but that percentage will still be much lower than those seen in North Central Texas, Texas, and the USA. These figures do, however, indicate that the importance of facilities and services for seniors will increase in the future.

Table II-4: Population Age 65 and Over (2000-2021)

	2000	2010	2016	2021
USA	12.4%	13.0%	15.0%	17.1%
Texas	9.9%	10.4%	12.0%	13.6%
North Central Texas	N/A	8.9%	10.7%	12.3%
Grand Prairie	6.4%	6.7%	8.3%	9.7%

Source: U.S. Census Bureau (2000 and 2010), Esri forecasts (2016 and 2021)

Children

Table II-5 presents the population under age 18 from 2000 to 2021. The table indicates that in Grand Prairie the percentage of children increased from 30.5% in 2000 to 30.9% in 2010. The percentage of the population within this age group began to decline as of 2016 to 28.8% and is expected to drop further to 28.1% by 2021. The trend of a declining percentage of children is apparent at the state, regional,

and national levels, although all had considerably lower percentages of residents in this age group than Grand Prairie from 2000 to 2016, which is expected to continue through 2021. Although the percentage of the population under the age of 18 in Grand Prairie is expected to decline in the future, this cohort will continue to represent a large percentage of the population.

Table II-5: Population Under Age 18 (2000-2021)

	2000	2010	2016	2021
USA	25.7%	24.0%	22.7%	22.2%
Texas	28.2%	27.3%	25.9%	25.5%
North Central Texas	N/A	27.7%	26.3%	25.8%
Grand Prairie	30.5%	30.9%	28.8%	28.1%

Source: U.S. Census Bureau (2000 and 2010), Esri forecasts (2016 and 2021)

Conclusion

This information indicates that the population of Grand Prairie has a higher percentage of children and a lower percentage of seniors than the North Central Texas region, the State of Texas, and the USA. However, many of the same general trends are apparent: an increasing median age, greater proportion of seniors, and a decreasing percentage of children.

DEMOGRAPHIC TRENDS IN GRAND PRAIRIE

The themes of changing age distribution, increased educational levels, and diversification of the population are apparent through the following trends. Each theme highlights particular changes in demographics of the population, but the trends discussed below are linked and will collectively shape the future of Grand Prairie.

Shifting of Age Demographics of the Population

The changes in age demographics in Grand Prairie have followed similar patterns to those of both Texas and the United States as a whole. The baby boom that led to a jump in the national population in the 1950's, has led to the aging of the population. Figure II-1 shows population by age group and sex for Grand Prairie, the State of Texas, and the USA for 2016.

From these population pyramids, it is apparent that the largest age cohorts in Grand Prairie are those in the 0-14 age range. The percentages drop at the 15 to 19 cohort before increasing again at the 25 to 29 cohort. The population percentages then begin to decrease consistently for each of the later age groups.

The age distribution of Grand Prairie is somewhat similar to the State of Texas, although Grand Prairie had more residents in the younger age cohorts and fewer residents in the older age cohorts. These distributions contrast with the USA pyramid which shows peaks at the 20 to 34 and 50 to 59 age cohorts. These figures also indicate that, for all geographic levels, a larger percentage of male residents are young and a larger percentage of female residents are seniors.



CTRC Gameroom

Figure II-1: Population by Age and Sex 2016 (Females-Blue/Males-Red)

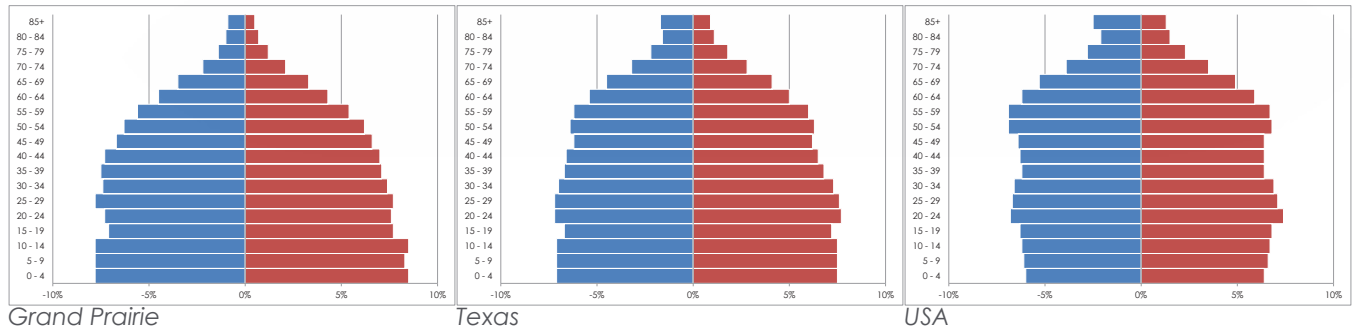
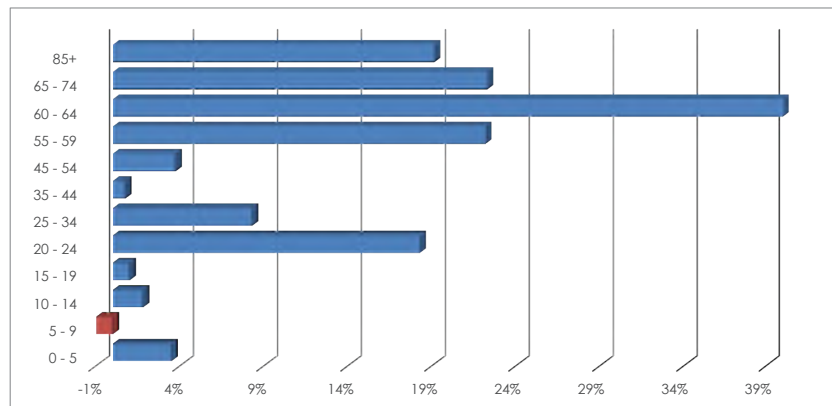


Figure II-2 shows the change in population for each age group from 2000 to 2016 in Grand Prairie. The largest increase over this 16 year period is apparent in the oldest demographic cohorts (age 55 and over) as well as the 20-24 cohort. The cohort with the largest increase was the 60-64 cohort which will age to the 65-70 cohort by 2021. A decrease was seen in only the 5 to 9 cohort.

Figure II-2: Change in Population by Age from 2000 to 2016



Addressing the needs of the aging community will be of great importance to Grand Prairie, but the needs of all age ranges will still be quite significant. Grand Prairie faces a future of growing leisure service needs for residents age 55 and over.

Changes in Households

Table II-6 shows the percentage of total households for various household types in 2000 and 2010 as well as the change in the proportion of those households over that time period. The proportion of households made up of families increased in Grand Prairie despite decreasing in the State of Texas, and the USA. The percentage of family households was already higher in Grand Prairie at 73.8% in 2000, increasing to 74.1% in 2010. In 2010, just over 25% of all households were nonfamily households in Grand Prairie, and most non-family households consist of a single person living alone (20.7% of all households). This proportion is lower than for the State of Texas and the USA.

The proportion of households in Grand Prairie with a child under the age of 18 increased slightly between 2000 and 2010, in contrast with decreases at the state and national levels. At the same time, the proportion of households with seniors increased by nearly 2%, more than matching the increases at the state and national levels.

Table II-6: Household Types (2000-2010)

	Family Households			Single Person Households			Households with Children			Households with Seniors		
	2000	2010	Change	2000	2010	Change	2000	2010	Change	2000	2010	Change
USA	68.1%	66.4%	-1.7%	25.8%	26.7%	0.9%	36.0%	33.4%	-2.6%	23.4%	24.9%	1.5%
Texas	71.0%	69.9%	-1.1%	23.7%	24.2%	0.5%	40.9%	38.9%	-2.0%	19.9%	21.2%	1.3%
Grand Prairie	73.8%	74.1%	0.3%	20.7%	21.0%	0.3%	45.9%	46.3%	0.4%	13.6%	15.3%	1.7%

Source: U.S. Census Bureau

Income and Educational Attainment

Income in Grand Prairie has grown since 2000 but has not kept up with inflation (see Table II-7). This trend is also apparent at both the state and national level. The 2016 median household income in Grand Prairie (\$56,332) was higher than for the State of Texas (\$54,075) and the nation (\$54,149). Additionally, the unemployment rate (2014) in Grand Prairie (6.2%) was higher than for the State of Texas (4.9%) or the USA (5.8%).³

As can be seen in Table II-8, educational attainment has increased in Grand Prairie since 2000. As of 2016, 17.7% of residents age 25 and older had a Bachelor's Degree. This number increased since 2000 from 14.3%. The percentage of residents age 25 and older with a Master's Degree or above increased from 5% to over 7% between 2000 and 2016. The educational attainment numbers for Texas in 2016 were 18.5% for Bachelor's Degree and 9.9% for Master's Degree or above, slightly higher than the numbers for Grand Prairie. The percentage of residents with a college degree was slightly higher for the United States than for Grand Prairie, but the percentage without a high school diploma was also higher for the USA than for Grand Prairie. The percentage of residents with a Bachelor's Degree or high was 24.8% in Grand Prairie which was lower than Texas (28.4%) and the USA (30.4%).

Table II-7: Median Household Income (2000-2021)

	2000	2000 Adjusted (2016 Dollars)	2016	2021
USA	\$41,994	\$58,586	\$54,149	\$59,476
Texas	\$39,927	\$55,702	\$54,075	\$59,303
Grand Prairie	\$46,816	\$65,313	\$56,332	\$61,787

Source: U.S. Census Bureau (2000), Esri forecasts (2016)

Table II-8: Educational Attainment (2000-2016)

	No High School Diploma		High School/GED		Some College/ Associate Degree		Bachelor's Degree		Master's Degree or Above	
	2000	2016	2000	2016	2000	2016	2000	2016	2000	2016
USA	19.6%	12.8%	28.6%	27.6%	27.4%	29.1%	15.5%	18.8%	8.9%	11.6%
Texas	24.3%	17.5%	24.8%	25.0%	27.6%	29.2%	15.6%	18.5%	7.7%	9.9%
Grand Prairie	25.1%	18.6%	26.0%	26.9%	29.6%	30.0%	14.3%	17.7%	5.0%	7.1%

Source: US Census (2000), Esri forecasts (2016)

Growth of Ethnic Populations

Grand Prairie has experienced a reduction in the proportion of the population consisting of White residents while all other minority populations have increased (Table II-9). The White population, while still representing the largest population group, has declined to 49.3% in 2016, compared to 62% in 2000. Additionally, over the same time period, the minority population groups have grown rapidly. The Hispanic community experienced the largest increase in total numbers (over 40,000) while the Asian population (particularly those of Vietnamese descent) saw the largest increase as a percentage (153%), followed by the Black population (136%).

Table II-9: Race and Hispanic Origin (2000-2016)

	Total Population	White Alone		Black Alone		Asian Alone		Other Race Alone		Two or More Races		Hispanic	
		#	%	#	%	#	%	#	%	#	%	#	%
2000	127,427	78,970	62.0%	17,242	13.5%	5,632	4.4%	21,321	16.7%	4,262	3.3%	42,038	33.0%
2010	175,396	92,271	52.6%	35,390	20.2%	11,475	6.5%	30,631	17.5%	5,629	3.2%	74,893	42.7%
2016	189,278	93,356	49.3%	40,716	21.5%	14,270	7.5%	34,308	18.1%	6,629	3.5%	83,804	44.3%
# Change	61,851	14,386		23,474		8,638		12,987		2,367		41,766	
% Change	48.5%	18.2%		136.1%		153.4%		60.9%		55.5%		99.4%	

Source: U.S. Census Bureau (2000 and 2010), Esri forecasts (2016)

As of 2014, the minority population in Grand Prairie at 72% was larger than in Texas (56%) or the USA (37%). The growth rate of minority populations, particularly Hispanic and Asian populations, far exceeded the growth of White populations in Grand Prairie.³ Minority populations now represent a majority in Grand Prairie which will likely impact the City's future service needs as these residents may have different preferences than those of the residents at the time many parks were originally developed.

³ 2010-2014 American Community Survey 5-Year Estimates

Conclusion

Overall, these trends show an aging of the population of Grand Prairie as well as changes to the composition of the population as a whole, both in terms of the types of households and the characteristics of the residents. It will be important for the Grand Prairie Parks, Arts, and Recreation Department to ensure facility and program offerings meet the needs of these changing demographics. The determination of these needs will require continuous outreach and input from these communities. This master plan is one part of this process which should continue through the design process of any improvements. Continuous monitoring of recreation trends, particularly within growing population groups, will be of ongoing importance. Later chapters of this master plan identify some of these needs and trends. The direction chosen by parks and recreation in Grand Prairie will determine the availability of opportunities for these residents and will help to enrich the quality of life in the City for years to come.

SOCIAL NEEDS AND CONDITIONS ANALYSIS

Demographic and socioeconomic characteristics can be analyzed to identify the location of populations throughout Grand Prairie that are most likely to need or utilize public sector programs, services, and facilities. The product of this analysis can be applied to services beyond those related to parks and recreation services. These results indicate which portions of the City would most likely benefit from community services.

Methodology

The social needs and conditions analysis was conducted using nine demographic and socioeconomic indicators to measure the level of social need for 46 census tracts in Grand Prairie. Most of the demographic data was taken directly from the American Community Survey (ACS) 5-year estimates from 2010-2014. The census tracts included in the analysis are those that are completely or partially located within the Grand Prairie city limits. Those that extend beyond the city limits have been clipped to exclude the area outside of Grand Prairie.

The process utilizes a ranking of the 46 census tracts (compared to each other) for each of nine social needs factors. These scores are then combined to form an overall ranking for each census tract. Figure II-3 provides an illustration of the process for determining the social needs and conditions index for each of the census tracts. The nine factors included in the analysis include:

- Median household income
- Education level
- Unemployment
- Single parent households
- Crime
- Residents under age 18
- Residents age 65 or older
- Poverty (weighted x 2)
- Population density (weighted x 2)

Analysis

The ranking of the social needs and conditions of each of the census tracts in Grand Prairie can be seen in Figure II-4. Areas with higher levels of social need are shown in darker shades of red. The areas with the lower levels of social needs tend to be located in the newer lower density portions of the City, while the areas with higher social needs tend to be located in older, higher density portions of the City. The 10 census tracts ranking in the top 20 percent for social needs were located in the following areas (in descending order of size):

- The central portion of the City, south of I-30, on both sides of the President George Bush Turnpike and extending south to S.H. 303
- The northeastern most point of the City leading into the City of Dallas along I-30
- A tract to the south of S.H. 303 and north of Warrior Trail, to the west of Mountain Creek Lake
- The area along the western border of Grand Prairie to the west of Great Southwest Parkway

Figure II-3: Social Needs and Conditions Methodology

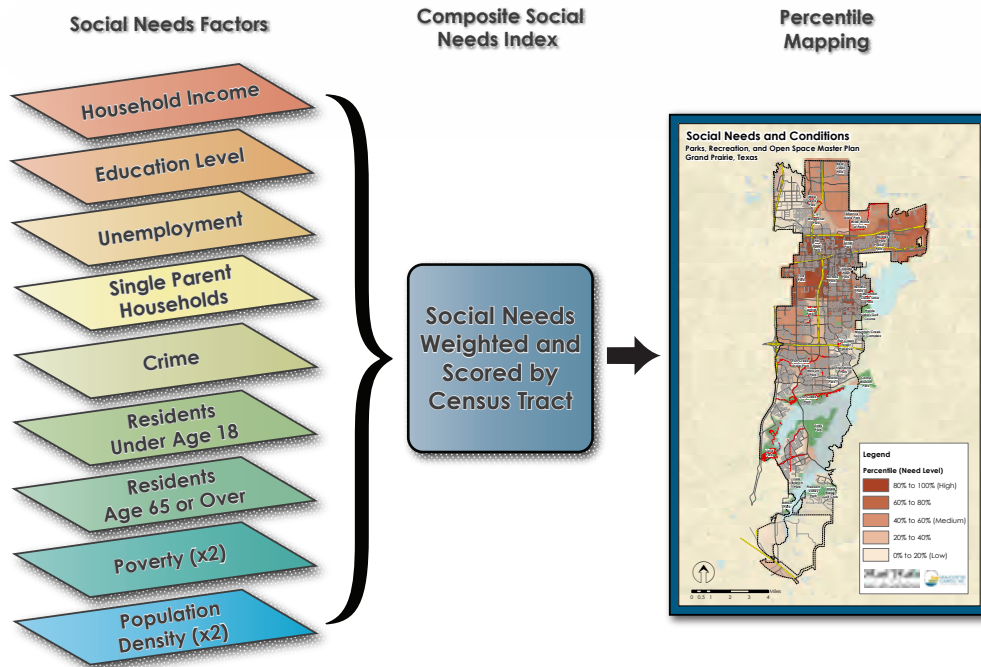
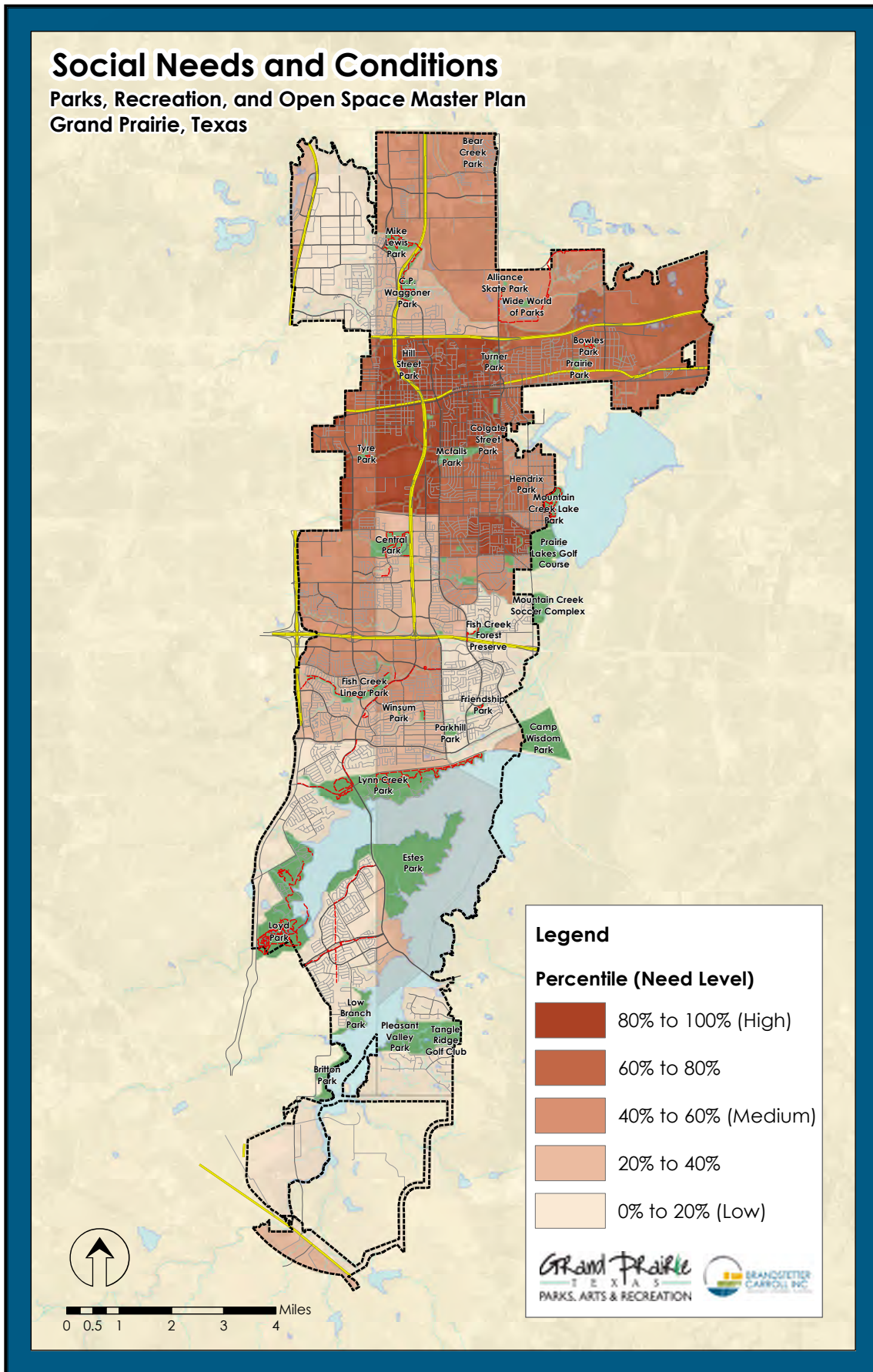


Figure II-4: Social Needs and Conditions Index



PLANNING SECTORS

For the purpose of analysis, the City of Grand Prairie was divided into eight different sectors using logical barriers such as roads and water bodies. The delineation of these sectors allows for the analysis of differences between various portions of Grand Prairie and for the development of recommendations specific to these sectors which have different characteristics and needs.

Locations

The boundaries of the eight sectors in Grand Prairie can be seen in Figure II-3. The location of the eight sectors are as follows:

- Sector 1 is located in the extreme northwestern corner of the City and extends east to Carrier Parkway and south to I-30.
- Sector 2 is in the north central section of the City and covers the area from Carrier Parkway on the east, the City limit on the north, Beltline Road on the east, and I-30 to the south.
- Sector 3 is located in the northeast corner of the City, extending from Beltline Road on the west, to I-30 to the south, and the City limits on the north and east.
- Sector 4 is located in the central west portion of the City with the Arlington city limit on the west, I-30 to the north, Carrier Parkway to the east, and I-20 to the south.
- Sector 5 represents the central east portion of the City, extending from I-30 to the north, the City limits to the east, I-20 to the south, and Carrier Parkway to the west.
- Sector 6 is located in the south central area of the City, extending from I-20 to the north, the City limits to the east and west, and to Joe Pool Lake to the south.
- Sector 7 covers the southwestern corner of the City, with Lynn Creek Parkway to the north, Lake Ridge Parkway to the east, Joe Pool Lake to the south, and the City limits to the west.
- Sector 8 includes the southeastern portion of the City, with Lake Ridge Parkway and Joe Pool Lake on the west, the City limits to the south and east, and the northern shore of Joe Pool Lake, and Lynn Creek Park to the north (essentially all of the land east of Lake Ridge Parkway and south of Lynn Creek Park).

Demographics of the Planning Sectors

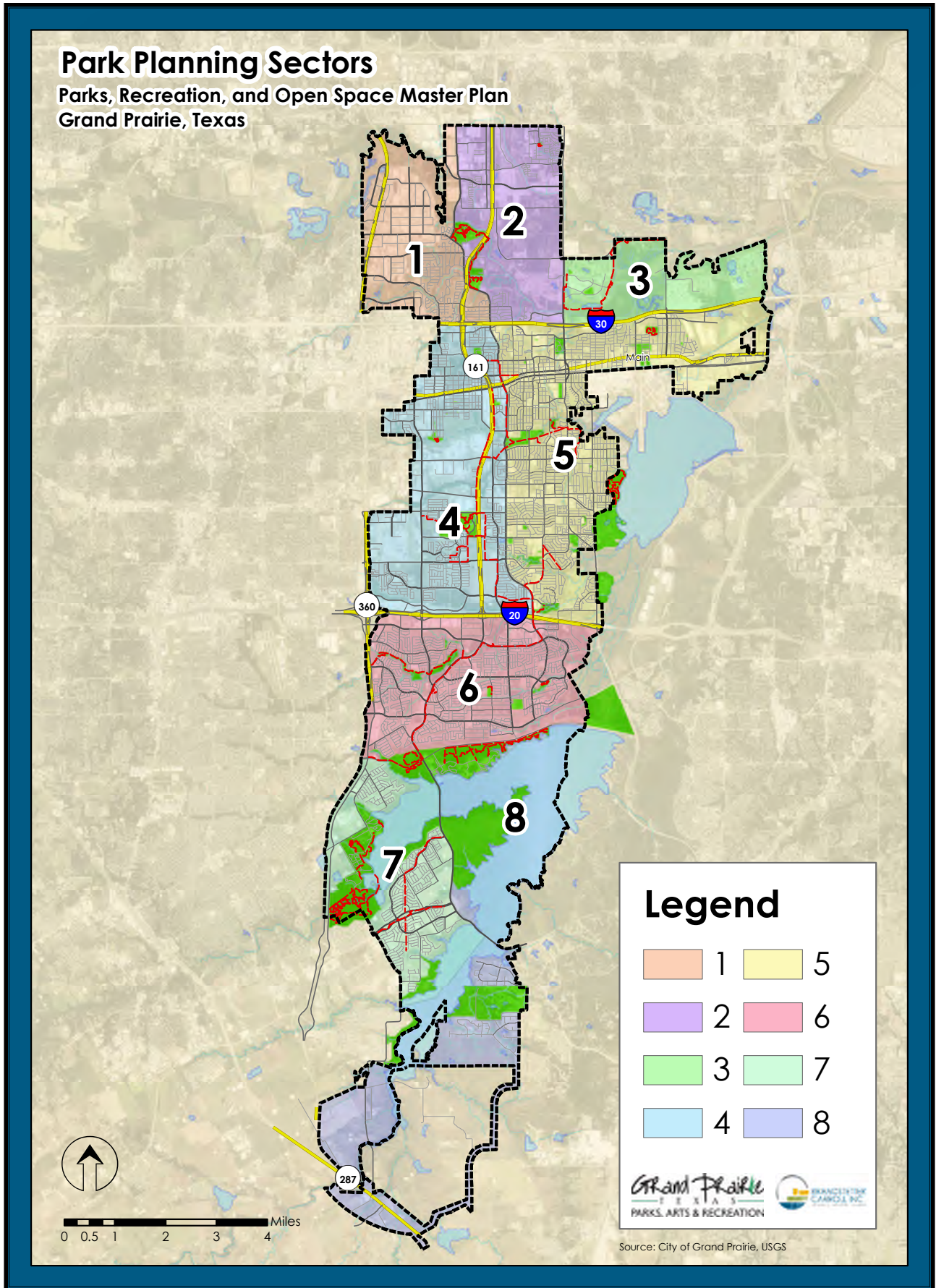
Because the eight sectors were defined using logical physical boundaries, they vary substantially in both physical size and population. The smallest sector (3) covers just over 3,000 acres, while the largest (Sector 8) covers nearly 10,000 acres, although much of that acreage is water (over 4,000 acres of water). Sector 5 has by far the most land acres. Table II-10 shows demographic information for the eight sectors in Grand Prairie.

Sector 5 contained the largest number of residents in 2016 at nearly 70,000, followed by Sector 6 (47,000) and Sector 4 (40,000). The other five sectors have much lower populations with Sector 8 representing under 600 residents and Sector 3 with no residents. The figures show the largest rates of growth since 2000 in Sector 7 and Sector 2. Sector 1 and 8 have the oldest residents, and Sector 4, 5, and 7 have the youngest residents. The median income also varies substantially between the sectors.

Table II-10: Sector Demographics

Sector	Acres		Population					Median Income	Median Age	Under Age 18
	Total	Water	2000	2010	2016	2021	2026			
1	4,208	33	10,240	11,910	12,296	12,907	13,548	\$57,954	36.5	18%
2	4,814	10	2,000	7,388	7,868	8,339	8,838	\$44,782	32.8	29%
3	3,046	76	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	7,873	5	26,204	38,048	39,722	41,748	43,877	\$46,726	30.1	32%
5	9,384	20	59,390	64,984	68,123	72,049	76,201	\$42,664	31.0	32%
6	6,906	49	24,928	43,828	46,820	49,816	53,004	\$80,866	33.7	31%
7	5,892	1,417	188	8,724	13,827	16,456	19,585	\$103,029	32.4	35%
8	9,861	4,023	87	500	583	653	731	\$105,458	43.9	23%

Figure II-5: Planning Sectors



BENCHMARKING SURVEY

One method of evaluating the park and recreation services offered in the community is to use benchmarking comparisons to other communities. For the comparisons to the City of Grand Prairie, averages and medians from jurisdictions participating in the National Recreation and Parks Association (NRPA) Parks and Recreation Operating Ratio and GIS (PRORAGIS) program were used. Communities for comparison were limited to 23 comparable municipalities located in Texas that participated in the PRORAGIS program (regional and major city or county systems were excluded).

Grand Prairie is a participant in the PRORAGIS program, so existing figures were used in conjunction with updated information provided by the City of Grand Prairie. Because the data for other park systems was limited to parks and facilities managed by those agencies, only parks and facilities managed by the Grand Prairie Parks, Arts, and Recreation Department were included in this analysis (school and private/HOA facilities were not included). The figures used in this analysis for the Grand Prairie Parks, Arts, and Recreation Department were for the 2015 fiscal year, and the figures for the comparison municipalities were for the latest available year between 2013 and 2016. The following table (Table II-11) provides a list of the jurisdictions included in this benchmark comparison.

The Benchmarking Comparisons table follows this text (Table II-12) and provides tabular data for all of the information discussed in this text. The analysis of comparisons are organized into the following categories: parkland information, department functions, staffing, operating budget, programs, and facilities. The following text details the findings of these analyses. Note that the figures used in these comparisons are those which were reported to PRORAGIS by the municipalities and may vary from actual budgets and figures.⁴

Table II-11: Benchmark Jurisdictions

Jurisdiction	Population
City of Allen Parks and Recreation Department	87,743
Arlington Parks and Recreation	383,204
City of Carrollton Parks and Recreation	128,353
Corpus Christi Parks and Recreation Department	310,000
Garland Parks, Recreation and Cultural Arts	235,501
Georgetown Parks and Recreation	59,391
Harker Heights Parks & Recreation	29,500
Longview Parks and Recreation	81,593
City of McKinney Parks and Recreation	155,142
City of Pearland Parks and Recreation Department	130,100
Plano Parks and Recreation Department	266,600
City of Round Rock Parks and Recreation Department	109,000
City of Rowlett Parks and Recreation Department	57,703
Victoria Parks and Recreation Department	65,098
Wylie Parks and Recreation	48,000
DeSoto Parks and Recreation	49,500
Mansfield Parks and Recreation Department	57,627
Pasadena Parks and Recreation Department	149,043
Temple Parks and Recreation	66,102
City of Waco Parks and Recreation	129,030
City of Odessa Parks and Recreation	99,000
San Angelo Parks and Recreation Department	93,200
City of Sugar Land Parks and Recreation Department	85,824

⁴The number of responding municipalities vary by question. The number of responses for question is included in the table at the end of this section.

Parkland Information

The analysis indicates that the City of Grand Prairie provides 26.3 acres of total parkland per thousand population. This number is much higher than the benchmark median 10.5 acres and more than double the upper quartile value of 13.0 acres. These numbers indicate that Grand Prairie provides a much larger amount of parks and open space than comparison communities. If the Lake Parks are not included, however, the Grand Prairie number drops to 9.0, just below the median of the comparison communities.

Parks in the City of Grand Prairie are also much larger in size than those of other Texas municipalities. Grand Prairie's parks average 90.6 acres in size, much larger than even the upper quartile number of 35.6. These figures suggest that the City of Grand Prairie overall has larger parks compared to the benchmark communities. The presence of the Lake Parks helps to explain this difference, although Grand Prairie parks average 35.3 if the Lake Parks are excluded, comparable to the upper quartile value of 35.6.

The metric, acres of parkland per jurisdiction square mile, controls for the varying physical sizes of the comparison communities. According to this measurement, Grand Prairie offers 61.2 acres of parkland per square mile, compared to the comparison median of 20.6 and upper quartile value of 43.9. If the Lake Parks are excluded, Grand Prairie's value of 20.8 is just above the median for the other communities.

A look at the percentage of parkland that is developed for parks and recreation purposes indicates that 43.5% of Grand Prairie's parkland is developed, compared to the median of 71.0% for the other Texas departments. This number is lower than the lower quartile of 57.3%; however, if the Lake Parks are not included, the percentage increases to 80.5% which is close to the upper quartile value. These values indicate that Grand Prairie's developed parks are highly developed, and the City also has a large amount of undeveloped open space, specifically located around Joe Pool Lake.

Trail Information

The comparison of total miles of greenways and trails managed by the City of Grand Prairie shows 40.1 miles of trails separated from roads, compared to the average of the benchmark communities of 13.0 and upper quartile of 44.0 miles. Total trail miles per jurisdiction square mile is a measurement that controls for differences in the physical size of comparative municipalities. Grand Prairie has 0.49 miles of trails per square mile of the City, higher than the Texas benchmark median of 0.36 and just under the upper quartile of 0.55. Similarly, the trails per ten thousand population measurement, which controls for the population difference between the benchmark communities, shows a value of 2.12 in Grand Prairie which is much higher than the median of 1.73 and just over the upper quartile value of 2.08.

Department Functions

The list of department functions in Table II-12 shows the percentage of benchmark departments that provide these services and whether the Grand Prairie Parks, Art, and Recreation Department currently offers the services. The most notable features in this comparison currently not managed or operated by Grand Prairie are a major aquatic complex and a water park. These functions are conducted by over 65% of the benchmark communities but are not currently offered by Grand Prairie. The new facilities at Grand Central will add these functions in the near future. The Grand Prairie Parks, Art, and Recreation Department manages a farmers market, a stadium, campgrounds, tourism attractions, an indoor performing arts center, and community gardens, all functions conducted by less than 25% of benchmark departments.

Staffing

The Grand Prairie Parks, Art, and Recreation Department employs 135 full-time employees, slightly more than the upper quartile number of 107. Including part-time staff, the department employs approximately 209.8 full-time equivalent (FTE) staff, compared to the upper quartile value of 143. These higher staffing numbers are a result of the high quality and variety of facilities, including the Lake Parks, in Grand Prairie.

Considering acres of parkland per FTE, the City of Grand Prairie employs one parks and recreation related employee per 23.8 acres of parkland, compared to the median of one employee per 11.7 acres and an upper quartile of 14.3 acres per employee. The City of Grand Prairie has a much lower ratio of employees to parkland than most of the comparison communities, indicating that City of Grand Prairie staff are responsible for more acreage than staff of other communities. The large amount of total parkland explains this contrast and helps to explain Grand Prairie's higher number of staff.

Analysis of the population served per FTE indicates that Grand Prairie employs a parks and recreation staff member for every 902 people, which is lower than the median (1,170) but above the lower quartile value (874). This result is related to the city's variety of facilities and programs which require operational staff.

Operating Budget

The total operating budget related to parks and recreation in 2015 for Grand Prairie was \$22.6 million which is much higher than the \$7.7 million median of the other Texas municipalities. The per capita operating expenditures for the City of Grand Prairie is \$119.32, compared to the median of \$81.58 and upper quartile value of \$91.25. These numbers indicate that the expenditures by the City for Grand Prairie are much higher both in terms of total budget and on a per capita basis than the other Texas communities. The budget for the Grand Prairie Department of Parks, Art, and Recreation represents 9.6% of Grand Prairie's total operating budget, compared to a median of 6.9% and an 8.8% upper quartile value for the comparison communities.

A look at the revenue for parks and recreation indicates that Grand Prairie generated over \$7.3 million in non-tax revenue in 2015, much higher than the \$2.3 million median and more than double the \$3.9 million upper quartile value. The per capita non-tax revenue for 2015 was \$38.75, compared to the benchmark median of \$16.88 and upper quartile value of \$34.15. These numbers indicate that Grand Prairie generates a substantial amount of revenue through user fees (facility, program, etc.).

The breakdown of sources of funding for operating expenditures shows that the City of Grand Prairie parks and recreation services are mostly funded through funds generated for or by the Grand Prairie Parks, Art, and Recreation Department. Only 26% of funds come from the City's general fund, compared to 72% for the benchmark communities. None of the comparison departments reported any funds from dedicated levies, and generated revenue represented a much higher percentage of expenditures in Grand Prairie than for the benchmark communities (41% compared to 20%).

The total operating expenditure per acre of land managed or maintained was \$4,525 for the City of Grand Prairie. This figure is much lower than the median of \$6,953 and the lower quartile of \$5,978. These numbers suggest that City of Grand Prairie parks are less expensive to operate on a per acre basis which is likely a result of the large amount of total park acreage in the City.

Programs

The list of program categories in Table II-12 shows the percentage of benchmark departments that offer these types of programs and indicates whether Grand Prairie offers program of each type. Grand Prairie offers all of the program types offered by a majority of the benchmark communities; however, many of the categories include program examples not currently offered by Grand Prairie.

Facilities

A comparison between the City of Grand Prairie and other communities in Texas for population per facility provides a way to evaluate the existing quantity of each type of amenity. This comparison with other municipalities will help to identify which facilities the City might want to add in the future. This analysis looks at the following facilities: playgrounds, tennis courts (outdoor), basketball courts (outdoor), ballfields (youth baseball, youth softball, and adult softball diamonds), football fields, swimming pools (outdoor), recreation centers, senior centers, gymnasiums, and fitness centers.⁵

The City of Grand Prairie has 31 playgrounds at 26 parks throughout the City. The resulting population per playground is 6,106 which is well above the median of the comparison communities (3,726). The upper quartile for these other Texas communities is 5,242, indicating that Grand Prairie offers fewer playground than the benchmark communities when adjusting for population. However, communities often count playground equipment rather than unique playground locations which could account for some of this disparity.

The Grand Prairie Parks, Art, and Recreation Department offers two tennis courts but has an agreement with the Grand Prairie Independent School District for the use of the courts at the two high schools. These 14 courts provide a population per court of 13,520, compared to a median of one per every 10,997 for the other Texas communities and an upper quartile value of 14,219. Grand Prairie would need approximately three tennis courts to match the median rate of the other communities.

⁵ The analysis was limited to these facilities due to availability of data for comparison departments.

The Grand Prairie Parks, Art, and Recreation Department offers 15.5 basketball courts at 12 parks throughout the City. Based on this total, Grand Prairie has a population per basketball court of 12,211. This number is just above the median of 11,108 of the benchmark communities, indicating a similar level of service.

Grand Prairie offers a total of 26 ballfields at 12 different locations. Of these fields, 19 could be used for youth baseball for a population per facility of 9,962, slightly above the upper quartile value of 9,850. Eleven of the fields could be used for youth softball, yielding a population per facility of 17,207, compared to the median of 16,526. Finally, four fields could be used for adult softball, providing a population per facility of 47,320, compared to an upper quartile value of 24,000 for the benchmark communities. These numbers suggest that Grand Prairie has a smaller supply of these fields than the comparison communities. Additionally, the numbers for Grand Prairie counted fields based on potential rather than actual use, indicating a lower level of service or a lower demand in Grand Prairie for these fields, compared to other communities in Texas.

Another facility type for comparison is football fields of which Grand Prairie has three, giving the City one field per 63,093 residents. The median of the other Texas communities is 54,500 and the upper quartile is 64,177 residents per field. Based on this comparison, the City's supply of football fields is slightly below what other municipalities are offering on per capita basis.

Grand Prairie has four pools at four locations, including the new facility in development at Grand Central. These facilities give the City a population per facility of 47,320, compared to the median of 43,872. This number indicates that Grand Prairie has a similar level of service to the benchmark communities for swimming pools based on a per capita basis.

Including the new Epic facility at Grand Central, the City has four recreation centers yielding a population per facility of 47,320, just below the median of 51,410 for the comparison communities. Grand Prairie also has one senior center (The Summit). This facility gives the City a population per facility of 189,278, compared to the median of 83,709 and upper quartile number of 125,702. Grand Prairie has a lower percentage of the population in this age range, however, and this new facility is centrally located and offers a wide variety of amenities.

Because The Epic and Summit are larger facilities than what is offered in most of the comparison communities, a comparison of total square footage of centers is important to evaluate total offerings. In both cases, Grand Prairie population per square foot of center is lower than even the lower quartile offering of the benchmark comparison at 1.5 compared to 1.1 (recreation center) and 3.3 compared to 4.6 (senior center). These numbers indicate a higher overall level of service in Grand Prairie compared to the benchmark communities.

Each of the five indoor recreation facilities offers a gymnasium, giving the City a population per facility of 37,856, lower than the median of 42,784 but above the lower quartile value of 30,977. Each of these facilities also offers a fitness center, providing the same population per facility (37,856), compared to the median of 59,410 and lower quartile value of 51,410. These numbers indicate that Grand Prairie has a high level of service for indoor recreation than the benchmark communities based on per capita comparisons.

Table II-12: Benchmarking Comparisons

PARKLAND INFORMATION		Grand Prairie	Benchmark
Acres of Parkland per 1,000 Population			
Number of Responses	Without Lake		20
Lower Quartile	Parks		6.5
Median	9.0	26.3	10.5
Upper Quartile			13.0
Acres per Park			
Number of Responses	Without Lake		20
Lower Quartile	Parks		13.7
Median	35.3	90.6	20.8
Upper Quartile			35.6
Acres of Parkland Managed or Maintained per Jurisdiction Sq. Mi.			
Number of Responses	Without Lake		20
Lower Quartile	Parks		10.8
Median	20.8	61.2	20.6
Upper Quartile			43.9

Percent of Acreage Developed for Parks and Recreation Purposes			
Number of Responses	Without Lake		15
Lower Quartile	Parks		57.3%
Median	80.5%	43.5%	71.0%
Upper Quartile			86.5%
TRAIL INFORMATION		Grand Prairie	Benchmark
Total Trail Miles Managed or Maintained			
Number of Responses			13
Lower Quartile			8.2
Median		40.1	13.0
Upper Quartile			44.0
Total Trail Miles per Jurisdiction Sq. Mi.			
Number of Responses			13
Lower Quartile			0.22
Median		0.49	0.36
Upper Quartile			0.55
Total Trail Miles per 10,000 Population			
Number of Responses			13
Lower Quartile			1.16
Median		2.12	1.73
Upper Quartile			2.08
DEPARTMENT FUNCTIONS		Grand Prairie	Benchmark
The agency...			
Number of Responses			22 ^a
Operates and maintains park sites		X	100.0%
Operates and maintains indoor facilities		X	100.0%
Provides Recreation programming and services		X	100.0%
Conducts major Jurisdiction wide special events		X	90.9%
Administers or manages Tournament/Event quality Outdoor Sports Complexes		X	86.4%
Has budgetary responsibility for its administrative staff		X	68.2%
Manages major aquatic complex			68.2%
Operates, maintains, or contracts Water Parks			63.6%
Operates, maintains, or manages trails, greenways, and/or blueways (TGB)		X	59.1%
Operates, maintains, or contracts Golf Courses		X	54.5%
Operates and maintains non-park sites		X	54.5%
Operates, maintains, or manages special purpose parks and open spaces		X	54.5%
Operates, maintains, or contracts Tennis Center Facilities			45.5%
Includes in operating budget the funding for Planning and Development Functions		X	36.4%
Manages large performance outdoor Amphitheatres			27.3%
Operates, maintains, or contracts Other Attractions or Facilities			22.7%
Administers or manages Farmer's Markets		X	22.7%
Administers or manages Tournament/Event quality Indoor Sports Complexes			22.7%
Administers or manages Professional or college-type stadium/arena/racetrack		X	18.2%
Operates, maintains, or contracts Campgrounds		X	13.6%
Operates, maintains, or contracts Tourism Attractions		X	13.6%
Maintains, manages, or leases Indoor Performing Arts center		X	13.6%
Administers Community Gardens		X	13.6%
Manages or maintains Fairgrounds			9.1%
STAFFING³		Grand Prairie	Benchmark
Number of Full-Time Employees			
Number of Responses			20
Lower Quartile			37.0
Median		135	76.0
Upper Quartile			107.0
Number of Full-Time Equivalent (FTE) Employees			
Number of Responses			20
Lower Quartile			44.0
Median		209.8	78.0
Upper Quartile			143.0
Number of FTE Maintenance Staff			
Number of Responses			12
Lower Quartile			24.0
Median			35.5
Upper Quartile			83.0

Population Served per FTE			
Number of Responses			20
Lower Quartile			874
Median	902		1,170
Upper Quartile			1,606
Acres of Parkland Maintained per FTE			
Number of Responses			20
Lower Quartile			10.0
Median	23.8		11.7
Upper Quartile			14.3
Acres of Parkland Maintained per Maintenance FTE			
Number of Responses			7
Lower Quartile			25.5
Median			27.1
Upper Quartile			42.3
OPERATING BUDGET		Grand Prairie	Benchmark
Agency's TOTAL Operating Expenditures for the Fiscal Year			
Number of Responses			21
Lower Quartile			\$4,852,840
Median	\$22,583,770		\$7,739,610
Upper Quartile			\$10,643,000
Department budget as a percentage of jurisdiction total budget			
Number of Responses			11
Lower Quartile			4.4%
Median	9.6%		6.9%
Upper Quartile			8.8%
Agency's TOTAL Non-Tax Revenue for the Fiscal Year			
Number of Responses			19
Lower Quartile			\$864,230
Median	\$7,333,587		\$2,270,590
Upper Quartile			\$3,925,250
Percentage of Total Operating Expenditures within the Following Categories			
Number of Responses			20 ^a
Personnel Services	43.0%		53.6%
Operating Expenses	35.0%		40.0%
Capital Expense not in CIP	2.0%		4.0%
Other	20.0%		2.2%
Percentage of Total Operating Expenditures from the Following Sources			
Number of Responses			18 ^a
Dedicated Levies	23.0%		71.5%
General Fund Tax Support	26.0%		0.0%
Earned/Generated Revenue	41.0%		19.5%
Grants	0.0%		3.8%
Other	1.0%		0.8%
Sponsorships	0.0%		2.4%
Other Dedicated Taxes	0.0%		1.3%
Revenue as a percentage of Total Operating Expenditures			
Number of Responses			18
Lower Quartile			16.0%
Median	32.5%		25.2%
Upper Quartile			42.0%
Operating Expenditures per Capita			
Number of Responses			21
Lower Quartile			\$58.67
Median	\$119.32		\$81.58
Upper Quartile			\$91.25
Operating Expenditures per Acre of Land Managed			
Number of Responses			19
Lower Quartile			\$5,978
Median	\$4,525		\$6,953
Upper Quartile			\$13,262

Non-Tax Revenue per Capita		
Number of Responses		19
Lower Quartile		\$10.64
Median	\$38.75	\$16.88
Upper Quartile		\$34.15
PROGRAMS	Grand Prairie	Benchmark
Does your agency offer...		
Number of Responses		21
Fitness Enhancement Classes (aerobics, jazzercise, spinning, zumba, pilates)	X	95.2%
Health and Wellness Education (nutrition, cooking, gardening)	X	90.5%
Martial Arts (Judo, karate, self defense, Tai Chi, taekwondo)	X	90.5%
Team Sports (baseball, basketball, football, soccer)	X	90.5%
Trips and Tours (excursions for shopping, sport (skiing), holiday events)	X	85.7%
Performing Arts (drama, music, dance)	X	81.0%
Visual Arts (painting, drawing, photography, other art forms)	X	81.0%
Aquatics (swim classes, teams/leagues, diving, tournaments, etc.)	X	76.2%
Safety Training (learn-to-swim, bike, boating, fire safety)	X	76.2%
Social Recreation Events (checkers, chess, senior prom)	X	66.7%
Themed Special Events (holiday parades/events, commemorative days/weekends)	X	66.7%
Golf (lessons, league play, tournaments)		42.9%
Cultural Crafts (woodworking, weaving, quilting, pottery, basketry)		38.1%
Natural and Cultural History Activities (nature walks, historic site tours, gardening)		38.1%
POPULATION PER FACILITY (Lower Number = Higher Level of Service)	Grand Prairie	Benchmark
Playgrounds		
Number of Responses		19
Lower Quartile		3,132
Median	6,106	3,726
Upper Quartile		5,242
Tennis Courts (Outdoor)		
Number of Responses		10
Lower Quartile		6,506
Median	13,520	10,997
Upper Quartile		14,219
Basketball Courts (Outdoor)		
Number of Responses		19
Lower Quartile		6,456
Median	12,211	11,108
Upper Quartile		18,444
Diamond Fields - Youth Baseball		
Number of Responses		11
Lower Quartile		5,631
Median	9,962	7,375
Upper Quartile		9,850
Diamond Fields - Youth Softball		
Number of Responses		17
Lower Quartile		9,535
Median	17,207	16,526
Upper Quartile		24,000
Diamond Fields - Adult Softball		
Number of Responses		17
Lower Quartile		9,535
Median	47,320	16,526
Upper Quartile		24,000
Football Fields		
Number of Responses		13
Lower Quartile		28,814
Median	63,093	54,500
Upper Quartile		64,177
Swimming Pools (Outdoor)		
Number of Responses		15
Lower Quartile		32,917
Median	47,320	43,872
Upper Quartile		71,184

Recreation Centers		
Number of Responses		20
Lower Quartile		36,813
Median	47,320	51,410
Upper Quartile		62,544
Senior Centers		
Number of Responses		18
Lower Quartile		51,973
Median	189,278	83,709
Upper Quartile		125,702
Gymnasiums		
Number of Responses		19
Lower Quartile		30,977
Median	37,856	42,784
Upper Quartile		69,194
Fitness Centers		
Number of Responses		11
Lower Quartile		51,410
Median	37,856	59,410
Upper Quartile		83,122



Section III
Public Input

III. PUBLIC INPUT

INTRODUCTION

This chapter summarizes the public input gathered throughout the planning process and consists of the following elements:

1. A summary of the public workshops and focus groups
2. A summary of the pertinent portions of the ETC Institute Grand Prairie Parks and Recreation Needs Assessment Survey (statistically valid mail survey)
3. A summary of the web-based survey with a comparison to the statistically valid mail survey

PUBLIC MEETINGS

Community Meetings - March, April, and May 2016

The City conducted a series of community meetings between March and May 2016 to introduce the project to the public and to solicit feedback from Grand Prairie resident regarding the present and future of parks in the City. Participants were asked which parks they use currently, what they like and do not like about those parks, and what they would like to see in the future for parks of Grand Prairie. Meetings were offered at the following locations as part of this process:

- Tony Shotwell Life Center (March 10)
- Parks Administration (March 23)
- Farmers Market (April 2)
- Betty Warmack Library (April 5)
- The Summit - Commission on Aging (April 20)
- Public Workshop at The Summit (April 20)
- Lake Park Operations (May 5)
- Grand Peninsula Owners Association Community Center (May 11)
- Main Street Fest (throughout event April 22-24)

The Grand Prairie Parks, Arts, and Recreation Department reached out to local athletic groups to participate in stakeholder discussions, but only the boys baseball group responded to the invitation.

Common Themes from the Public Meetings: (not in order)

- Upgrade old parks and facilities
- Improved accessibility/ADA improvements
- Pickleball, senior sports
- More participants
- More hiking and bicycling trails and linkages
- More picnic areas/shelters
- Programs for children
- Better signage
- Dog park and programs
- More events



Dollar Voting at Community Meeting

Dollar Voting

Participants at the community meetings were given \$100 in play money to place into boxes to indicate how they would like Grand Prairie to allocate funds for various aspects of parks, recreation, trails, and open

space. Table III-1 shows the total allocations for each of the various categories (or boxes). Participants could also place money into an “other” box to request specific items not included on one of the provided boxes. The combined results for the 289 participants at the events are presented below with the number of votes (or \$10 bills) for each park improvement option and the percentage of the total allocation for the improvement.

Table III-1: Dollar Voting Allocation

Park Improvements	Votes	%
Trails	677	23%
Lake Parks & Facilities	439	15%
Splash Pad & Pool Improvements	419	14%
Improved Maintenance at Existing Parks	364	13%
Parks & Open Space	329	11%
New Parks and Facilities	290	10%
Athletic Fields - Improvements and New	249	9%
Recreation Programs	62	2%
Other	61	2%
Total	2,890	100%

Of the options provided, the largest allocation was placed into the box indicating a desire for Grand Prairie to develop more trails with 23% of the votes. The development of existing Lake Parks and facilities received the second largest number of votes at 15%, followed by splash pad and pool improvements at 14%, and improved maintenance at existing parks at 13%. The development of “other” park improvements received 2% of the total votes. The most popular “other” request was for specific Lake Park improvements, followed by natural areas, playgrounds, and outdoor fitness equipment.

Staff Workshop

An additional workshop was conducted as part of the process to ascertain the preferences of those most familiar with the parks, the Parks, Arts, and Recreation Department staff. The staff were asked about four categories of improvements: spaces, structures, services, and systems.

Spaces – Parks, Open Space, Trails...

- Docks more accessible
- Trail connections (trailhead information)
- Outdoor fitness
- Security features
- More picnic areas and amenities
- Better athletic complexes
- Another dog park
- South skate/extreme park
- Adventure activities (ropes course, zip lines, team building)
- Parks app

Structures – Facilities, Structures, Features, Buildings...

- Council support
- Lighted trails

- Tennis complex
- Peninsula developed
- Nature center
- South recreation center
- South and central maintenance complexes
- “WOW” factor
- Update existing parks
- More cabins
- Camping improvements (playground, clubhouse, 30 & 50 amp electric upgrades)
- Pavilion for Prairie Lights

Services – Programs, Events, Services...

- Dedicated Special Events Crew
- Park Police
- Enhanced marketing
- Sponsorships
- Conditioned meeting space
- Coordination with schools
- Easier program registration
- Appeal to community diversity
- Cooperative agreements

Systems – Policies, Procedures, Operations, Communication, Marketing, Funding, Staffing, Leadership...

- Continued staff engagement
- Succession planning
- Focus on trained professionals to reduce turnover
- More marketing and communication
- Resources and staff to pursue ideas and improvements
- Maximize enterprise operations and revenue
- Adequate maintenance staff
- Parks foundation

PUBLIC OPINION SURVEYS

Statistically Valid Survey - Overview and Methodology

The Consultants subcontracted with ETC Institute to conduct a Parks and Recreation Needs Assessment Survey (Mail Survey) in the spring of 2016 to help establish priorities for the future development of parks, recreation, trails, programs, and open space within Grand Prairie. The survey was designed to obtain statistically valid results from households throughout the City. The survey was administered by mail, web, and telephone.

The Brandstetter Carroll Inc. project team worked with Grand Prairie Parks, Arts, and Recreation Department staff on the development of the survey questionnaire. This collaboration allowed the survey to be tailored to issues of strategic importance to effectively plan the future of the parks, recreation, and open space in Grand Prairie.

The six page survey was mailed to a random sample of 6,000 households throughout Grand Prairie. These households were also provided with a web address to complete the survey online as an alternative to completing it by hand and returning it by mail. Approximately three days after the surveys were mailed, each household that received a survey also received an automated voice message reminding them to complete the survey. In addition, two weeks after the surveys were mailed, ETC Institute began contacting households to complete the survey by phone.

For the purpose of providing statistically valid results, the goal was to obtain a total of at least 600 completed surveys, and ETC Institute exceeded that goal with a total of 741 surveys. Based on this random sample of households, this survey has a 95% level of confidence with a precision rate of at least +/- 3.6%.

National Benchmarking

Since 1998, Leisure Vision (a division of ETC Institute) has conducted household surveys for needs

assessments, feasibility studies, customer satisfaction, fees and charges comparisons, and other parks and recreation issues in more than 700 communities in over 45 states across the country.

The results of these surveys have provided an unparalleled database of information to compare responses from households in client communities to "National Averages" and, therefore, provide a unique tool to "assist organizations in better decision making." The National Benchmarking summary is included in Appendix F. Select information is included on the charts in this section.

Survey Results

The following pages summarize the findings of the statistically valid survey. Because these results were collected using a statistically valid random sample, they are intended to represent the residents of Grand Prairie as a whole, both users and non-users. Some figures show only the top results; however, the full results with all response options can be found in Appendix F.

1. Visitation of Parks Offered in Grand Prairie

Respondents to the survey were asked about their visitation to parks in Grand Prairie in the last 12 months. Figure III-1 shows the proportion of respondents that reported that a member of their household visited a park in the last 12 months. According to the statistically valid Mail Survey, seventy-seven percent (77%) of Grand Prairie households visited parks in Grand Prairie over the past 12 months. The national average for park visitation is 81%. Accordingly, residents in Grand Prairie were slightly less likely than residents of other communities to visit parks.

2. Frequency of Visits to Parks & Recreation Facilities in Grand Prairie

Respondent households that visited parks and recreation facilities in Grand Prairie during the last 12 months were asked to indicate how often they have visited those facilities during that time. The results are presented in Figure III-2.

According to the Mail Survey, Grand Prairie households who visited parks or recreation facilities over the last 12 months were likely visited numerous times. Thirty percent (30%) reported visiting facilities 20 or more times over the last year. Results for the other visitation rates were: 1-5 times (34%), 6-10 times (22%), and 11-19 times (15%). Looking at the responses cumulatively, 45% of these households visited parks 11 or more times, and 66% visited parks six or more times.

3. Parks and Recreation Facilities Visited in the Past 12 Months

Survey respondents were asked to indicate all of the parks and recreation facilities their households had visited over the past 12 months. The list included the parks, trails, and facilities offered by the Grand Prairie Parks, Arts, and Recreation Department. Figure III-3 shows the percentage of respondents whose households used each facility in the past 12 months.

According to the Mail Survey, 48% of Grand Prairie households used the Lynn Creek Park and 35% visited the Farmer Market over the past 12 months. The third most visited facility was The Summit at

Figure III-1: Visitation to Parks in Grand Prairie

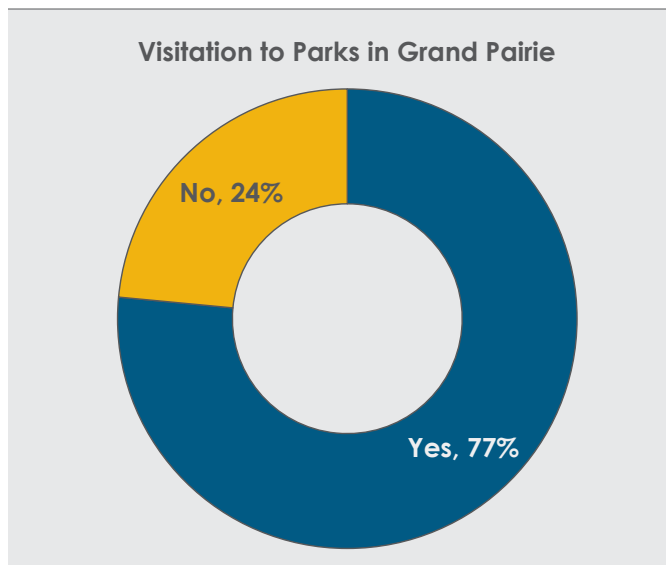
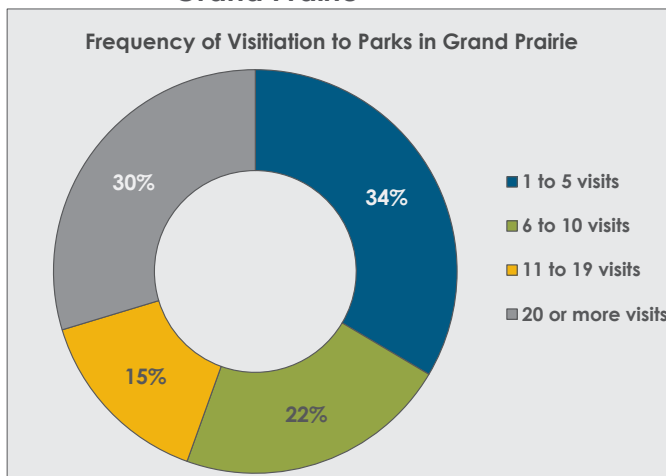
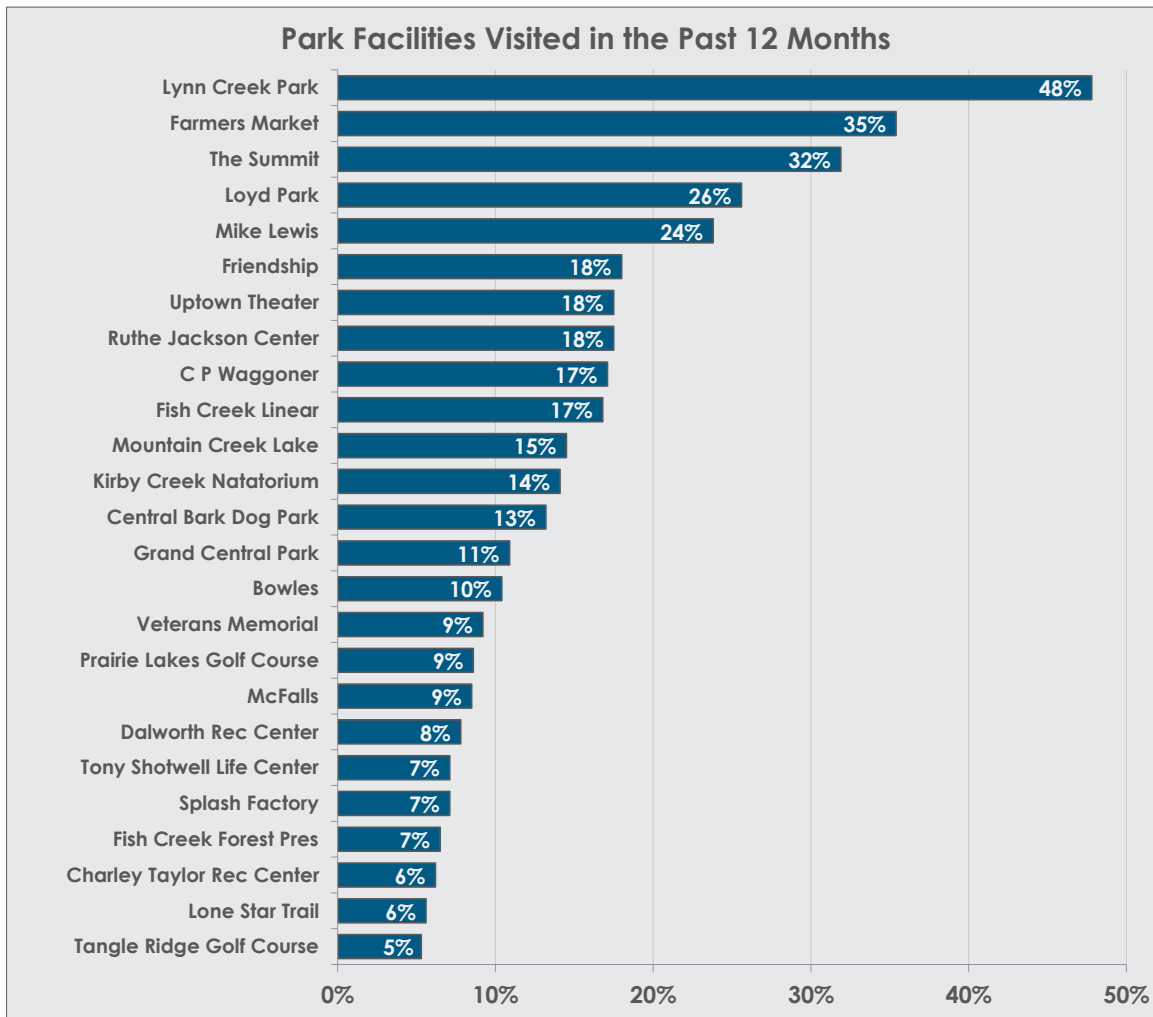


Figure III-2: Frequency of Visitation to Parks in Grand Prairie



32%, followed by Loyd Park (26%) and Mike Lewis Park (24%). The most used facilities were generally those with the widest variety of amenities drawing users from all over Grand Prairie.

Figure III-3: Most Visited Parks

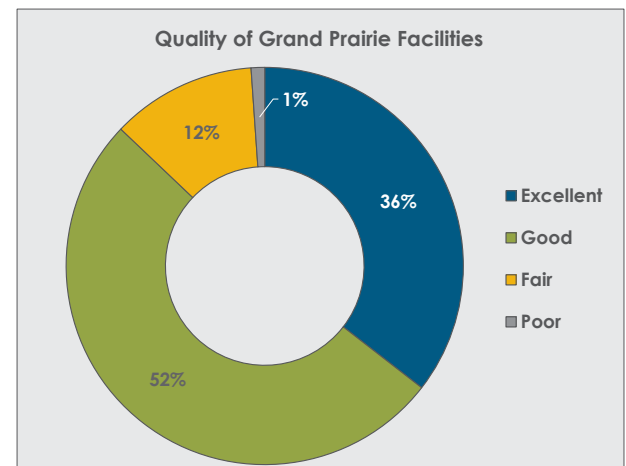


4. Physical Condition of Facilities Offered by Grand Prairie

Respondent households that visited Grand Prairie facilities during the past 12 months were asked to rate the physical condition of those facilities. Figure III-4 shows respondents ratings of the condition of Grand Prairie facilities.

According to the Mail Survey, 52% of households who visited these facilities over the past 12 months rated the condition of those facilities as *good*, 36% rated the condition of the facilities as *excellent*, and 12% rated the condition as *fair*. Only one percent (1%) rated the facilities as *poor*. **A total of 88% rated facilities as good or excellent.**

Figure III-4: Quality of Facilities Offered by Grand Prairie



5. Participation in Programs Offered by Grand Prairie in the Past 12 Months

Respondents were asked if any members of their household participated in programs offered by the Grand Prairie Parks, Arts, and Recreation Department over the past 12 months. These results can be seen in Figure III-5. According to the Mail Survey, approximately one fifth (21%) of Grand Prairie households participated in programs offered by Grand Prairie over the past 12 months.

6. Quality of Programs

Respondents who participated in programs offered by Grand Prairie over the past 12 months were asked to rate the quality of those programs. Figure III-6 shows the results for household ratings of these programs. According to the survey, 50% of households who participated in programs over the past 12 months rated those programs as *good*. Thirty-seven percent (37%) rated programs as *excellent*, and 11% rated programs as *fair*.

Figure III-5: Participation in Programs by Grand Prairie

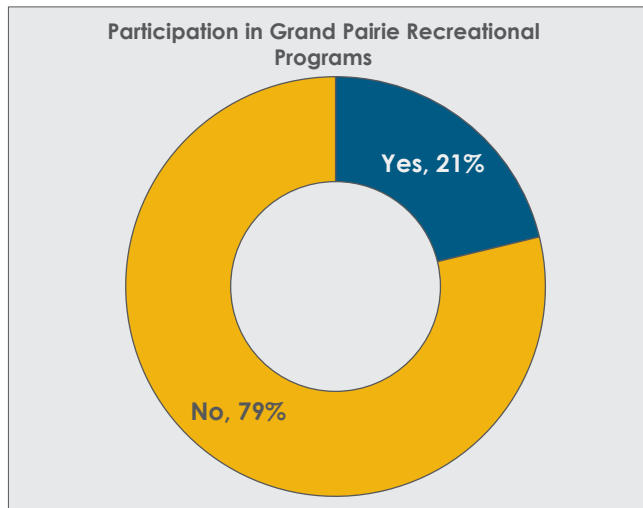
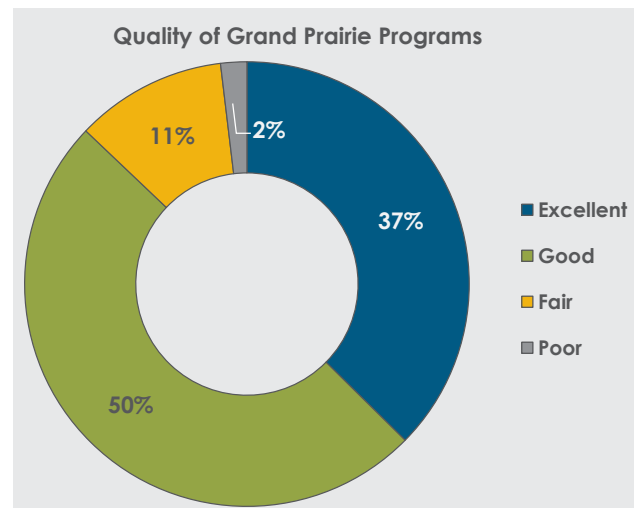


Figure III-6: Quality of Programs Offered by Grand Prairie



7. Learning about Recreation or Activities in Grand Prairie

The survey asked respondents to identify (from a list) all of the ways from which they learn about Grand Prairie Parks, Arts, and Recreation Department activities. The results can be seen in Figure III-7. Respondents to the survey rated *water bill* as the most likely way they learn of programs and activities with 63% of respondents choosing this option. *Life is Grand! magazine* ranked second at 43%, *signs around town* ranked third at 42%, and *brochures/flyers* ranked fourth also at 42%.

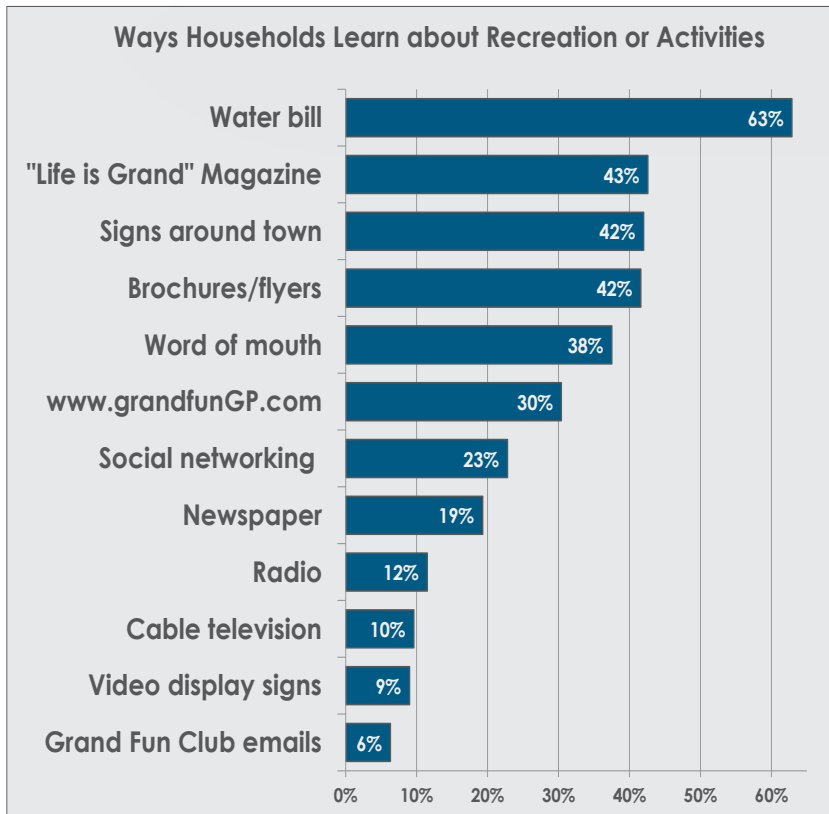


Ballet Folk Girls



CTRCAsp Obstacle Race

Figure III-7: Ways Households Learn About Recreation and Activities



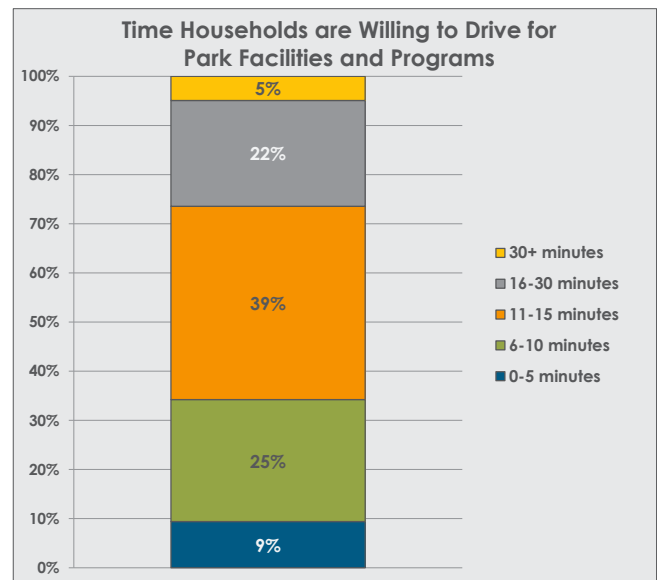
8. Drive Time for Parks and Programs

Survey respondents were asked how long they would be willing to drive to visit parks and attend programs. Figure III-8 presents the results of this question and shows that 73% of households are willing to drive 15 minutes or less to parks and programs, while 34% of respondents reported a willingness to drive 10 minutes or less. Overall, these results indicate a general willingness of Grand Prairie households to travel for parks and programs.

9. Reasons Preventing Use of Parks, Recreation Facilities, Trails, and Programs More Often

Respondents of both surveys were asked to select all barriers to their households' use of parks, recreation facilities, trails, and programs from a list of 21 options. Figure III-9 shows the results (not all options shown). The number one reason for not using these facilities, by a large margin, was that households *do not know what is being offered*. Based on the results of the Mail Survey, 38% of Grand Prairie households did not use parks or attend programs because they did not have enough information about what was available. According to the National Benchmarking,¹ this reason is often at the top of the list; however, Grand Prairie's response rate to this option was much higher than the national average of 24%.

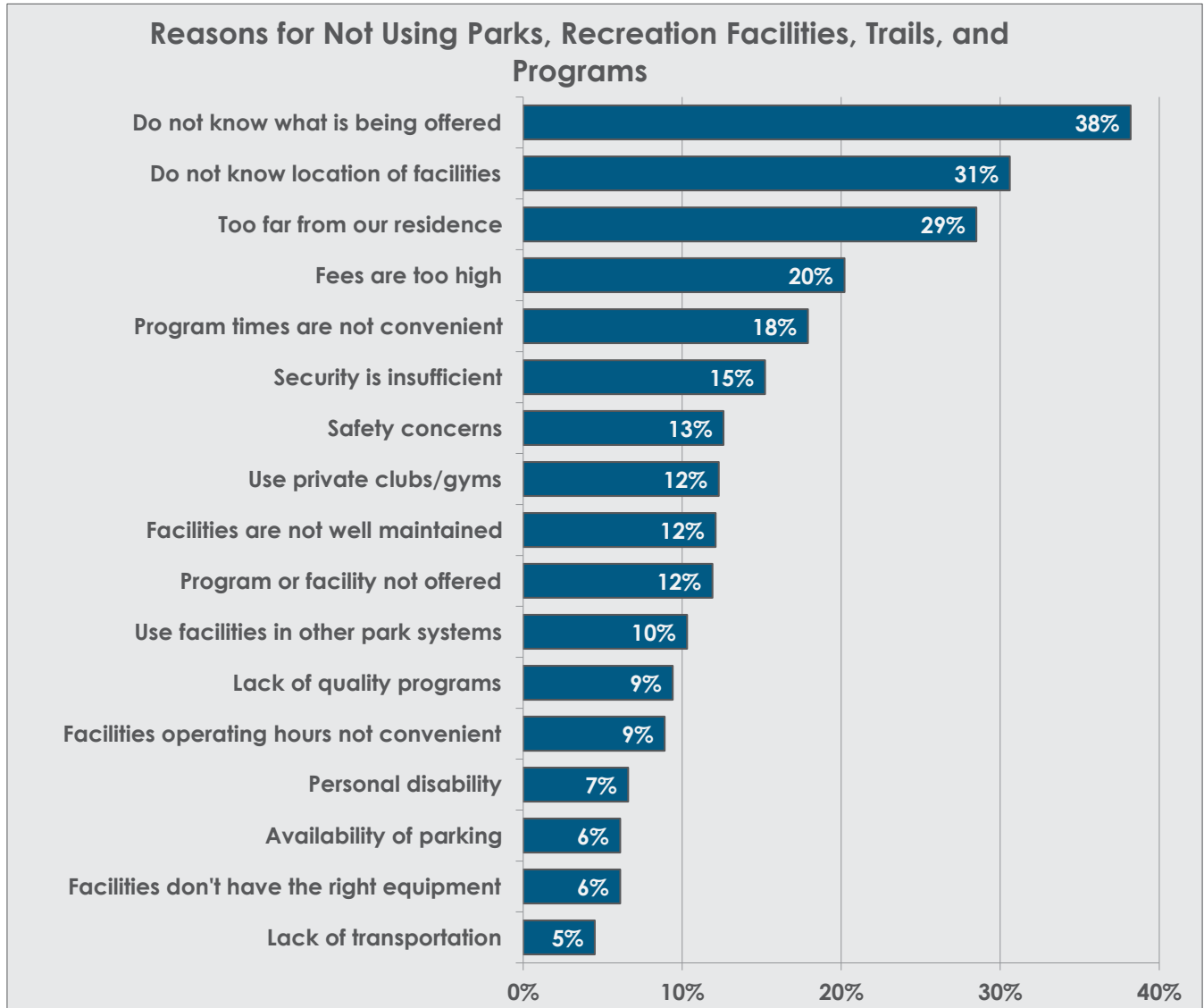
Figure III-8: Drive Time for Parks and Programs



¹ Provided by ETC Institute (see Appendix F).

The next most common reason respondents provided for not using parks and programs was that they *do not know the location of facilities* (31%), another indication of a need for more information for residents about park and program opportunities. The third highest rated reason Mail Survey respondents provided for not using facilities was *too far from our residence* (29%), which is much higher than the national average of 12%.

Figure III-9: Reasons for Not Using Parks, Recreation Facilities, Trails, and Programs



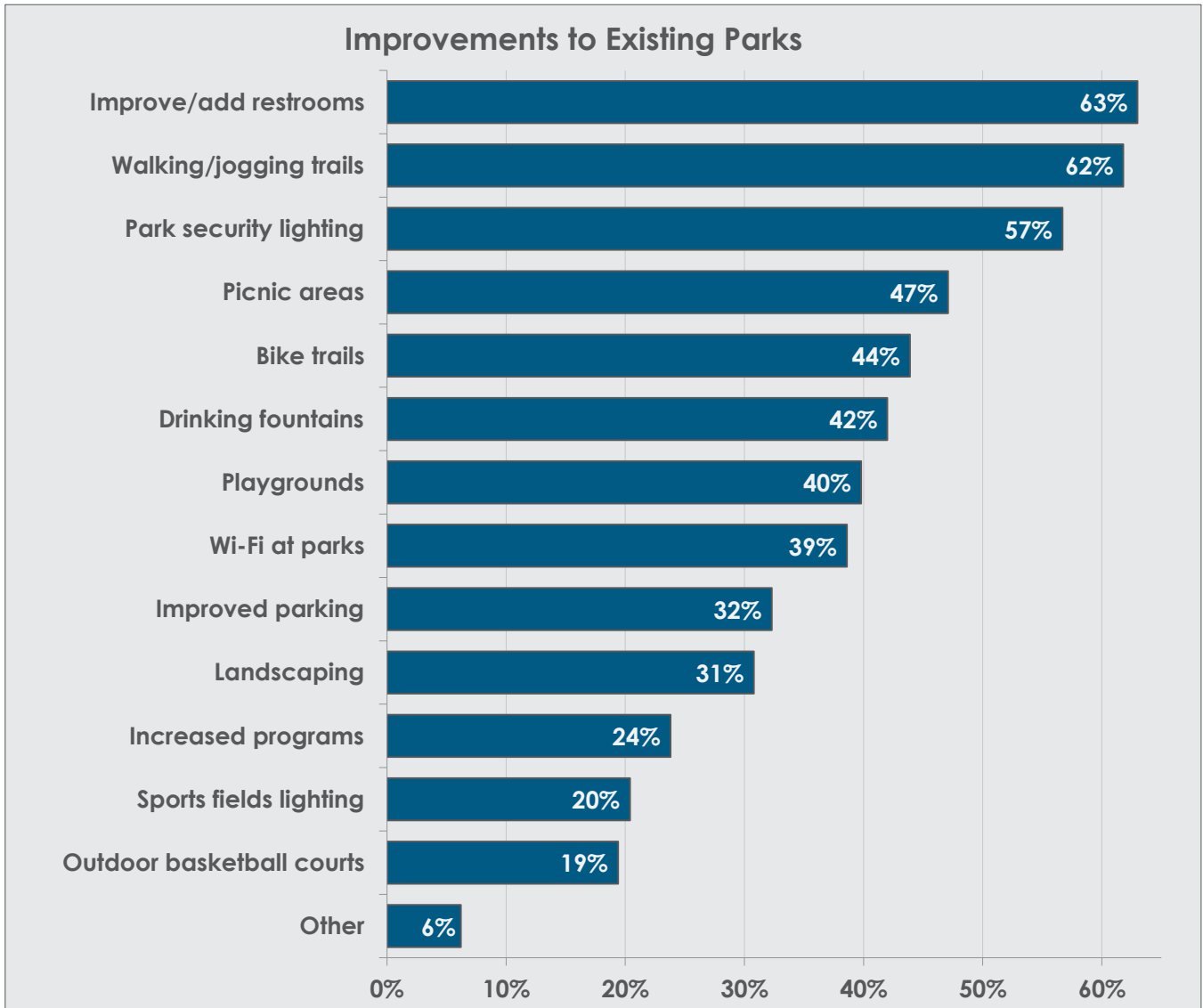
10. Improvements to Existing Parks

Respondents to the Mail Survey were asked to identify all of the improvements their household would like to see in existing parks. The responses can be seen in Figure III-10 and generally showed a desire for support facilities and trails. The following were the top three responses by households:

- *Improve/add restrooms (63%)*
- *Improve walking/jogging trails (62%)*
- *Park security lighting (57%)*

The next highest ranked improvements were *picnic areas, bike trails, drinking fountains, playgrounds, and Wi-Fi access*. Most of these top ranked items represent amenities that improve the overall park experience.

Figure III-10: Improvements Households Would Most Like to See to Existing Parks



11. Need for Parks and Recreation Facilities

From a list of 27 parks and recreation facilities, respondents were asked to indicate facilities for which they or any members of their household had a need. Figure III-11 shows the results as well as the national average for each facility.² The national averages are shown in red to indicate Grand Prairie's need at 5% or more below the national average and in blue to indicate the City's need at 5% or more above the national average. Black indicates less than 5% above or below the national average or that comparison numbers are not available.

According to the survey, the greatest percentage, by a large margin, of Grand Prairie households (64%) had a need for *walking and hiking trails*. *Natural areas/nature parks* ranked second at 53% followed closely by *small neighborhood parks* (51%). Additionally, *picnic shelters/picnic areas* and *paved bike trails* were needed by 45% or more of Grand Prairie residents.

Compared to the national averages, Grand Prairie households showed a greater than average need for only two types of park features: *community gardens* and a *senior center*. The need for a senior center is notable, since, according to the data presented in Chapter II, Grand Prairie has a lower percentage of seniors than the USA as a whole. Seniors in Grand Prairie may be more interested in recreation than in other parts of the country.



Loyd Park Trail

Responses indicated a lower than average need for 12 facilities with the largest difference in need appearing for *large community parks* (20% less in Grand Prairie), *community centers* (14% less), and *outdoor swimming pools/aquatic centers* (11% less).

The survey also asked respondents how well their needs were met for parks and recreation facilities and then estimated the number of households for which needs were met at 50% or less based on these responses, combined with the total number of households in Grand Prairie. Figure III-12 shows the estimated number of households with needs met at 50% or less for these facilities.

The order of the items in Figure III-12 shows some similarities as well as some differences from the list of needed facilities (Figure III-11). The top two items were the same for both needed facilities and unmet needs, indicating that existing facilities are not meeting these needs. Nearly 25,000 households had unmet needs for *walking and hiking trails*, and over 20,500 households had unmet needs for *nature areas/nature parks*.

The third largest number of households had an unmet need for *paved bike trails* (19,500 households), despite ranking as the fifth most needed facility. Similarly, *community gardens* had approximately 18,700 households (fourth most) with needs met at 50% or less, despite ranking as the 7th most needed facility. These numbers indicate that a smaller percentage of residents had a need for these facilities, but a larger percentage of those needs were unmet. *Off-leash dog parks*, *spraygrounds*, and an *outdoor stage or amphitheater* also ranked in the top ten for unmet needs despite ranking outside of the top ten for needed facilities.



Child Fishing

Other facilities with high numbers of households (over 15,000) with unmet need included:

- *Small neighborhood parks*

² Provided by ETC Institute (see Appendix F).

- Picnic shelters/picnic areas
- Indoor swimming pools/water parks
- Outdoor swimming pools/aquatic centers

The survey results provided by ETC Institute included a Priority Investment Ranking for each of the facilities in this list that combines the unmet need ranking and most important facilities ranking (Figure III-13) for these facilities (see Appendix F for methodology). The results for the high and medium priority facilities can be seen in Figure III-14. Based on these results, the top four facility priorities for investment in Grand Prairie are: walking and hiking trails, small neighborhood parks, natural areas/nature parks, and paved bike trails.

Figure III-11: Needed Parks and Recreation Facilities

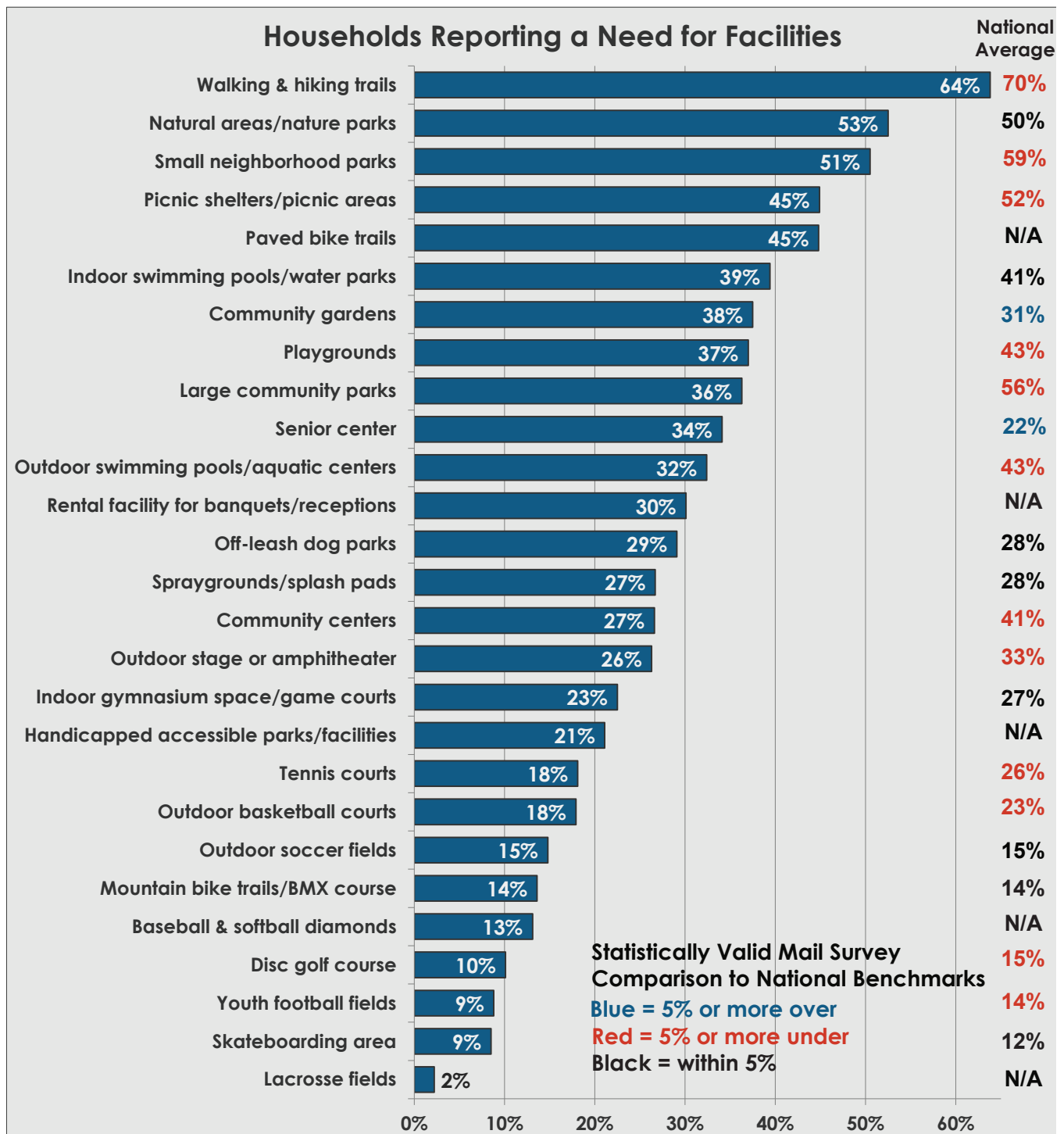


Figure III-12: Estimated Number of Households with Unmet Facility Needs

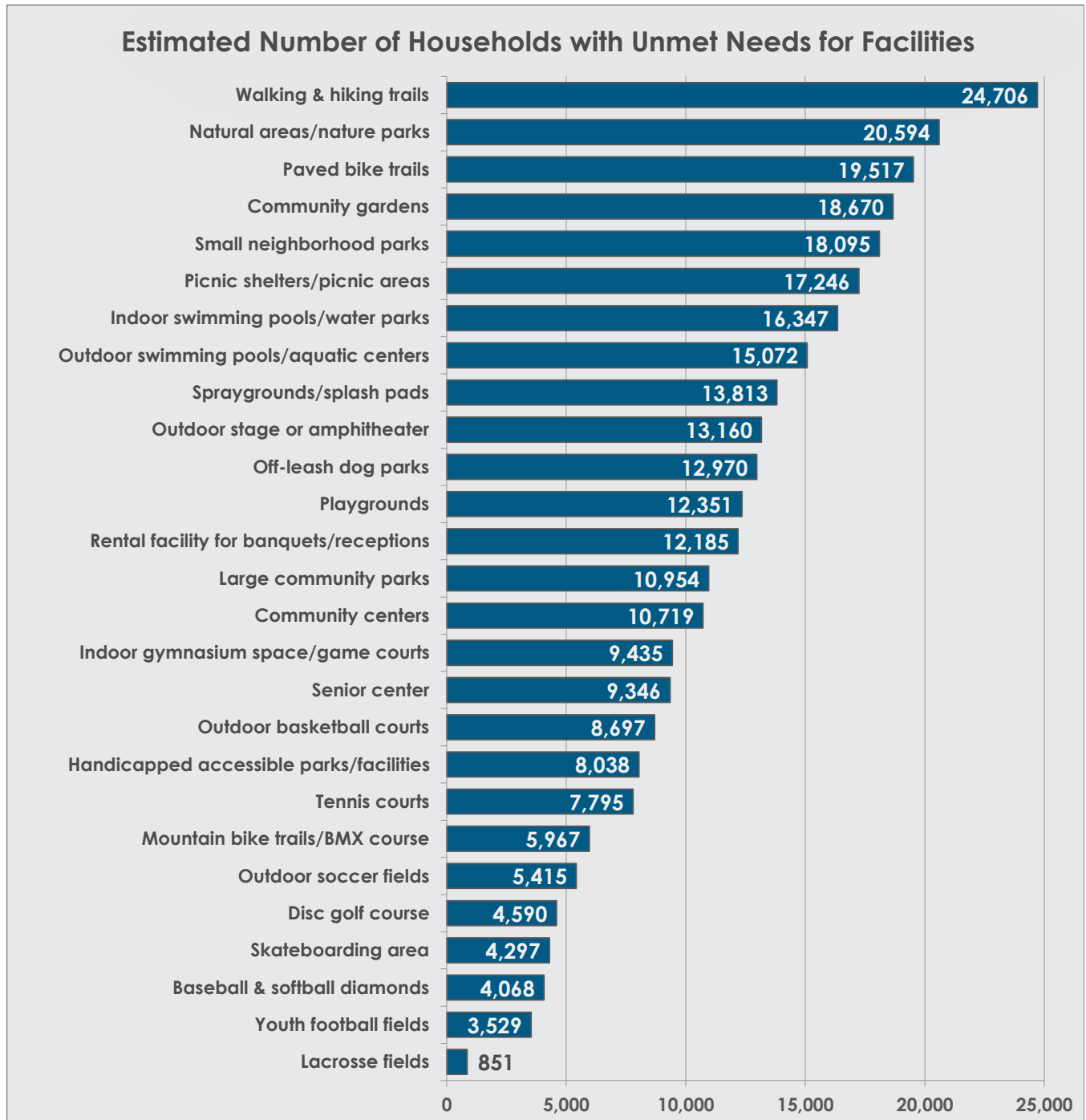


Figure III-13: Most Important Facilities

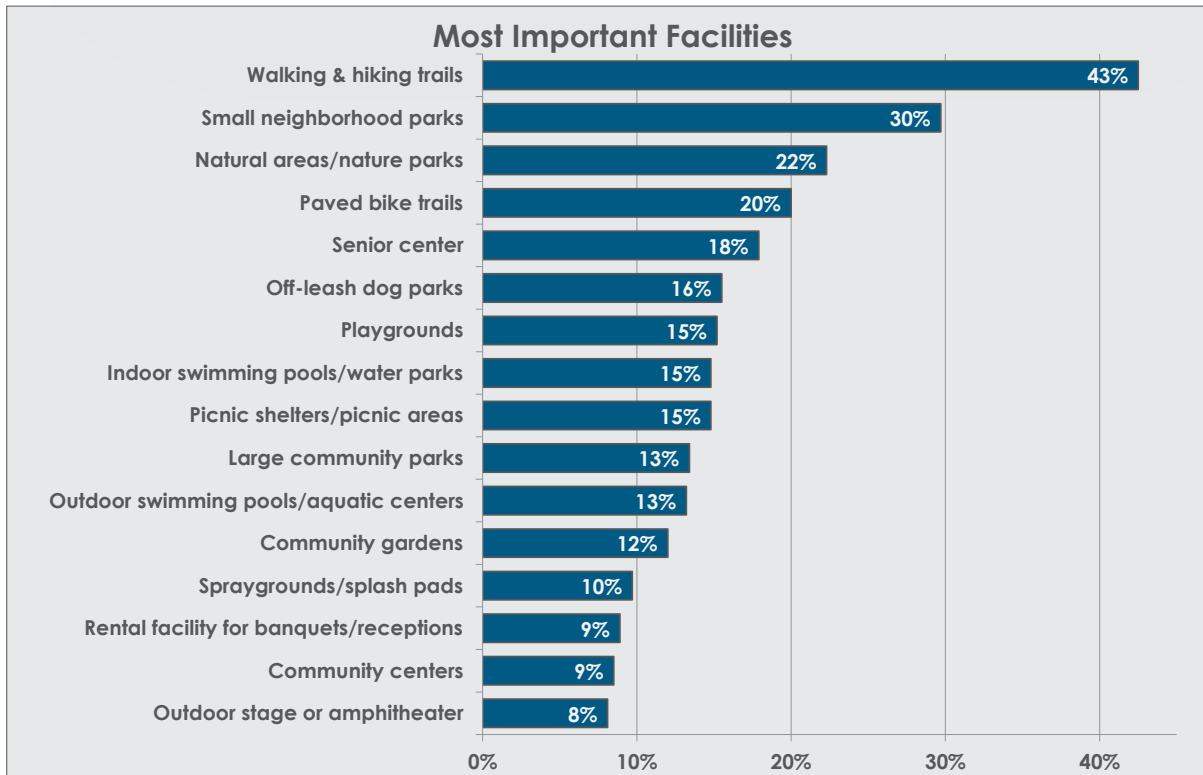
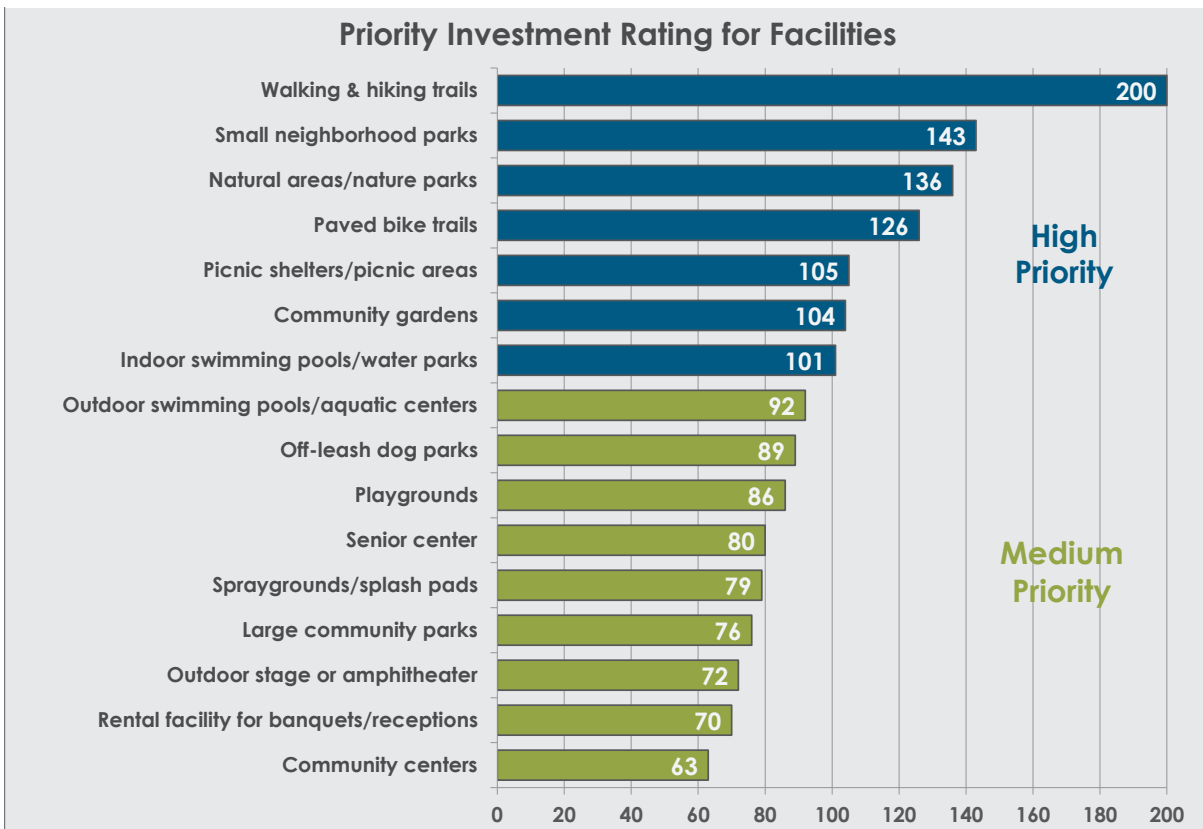


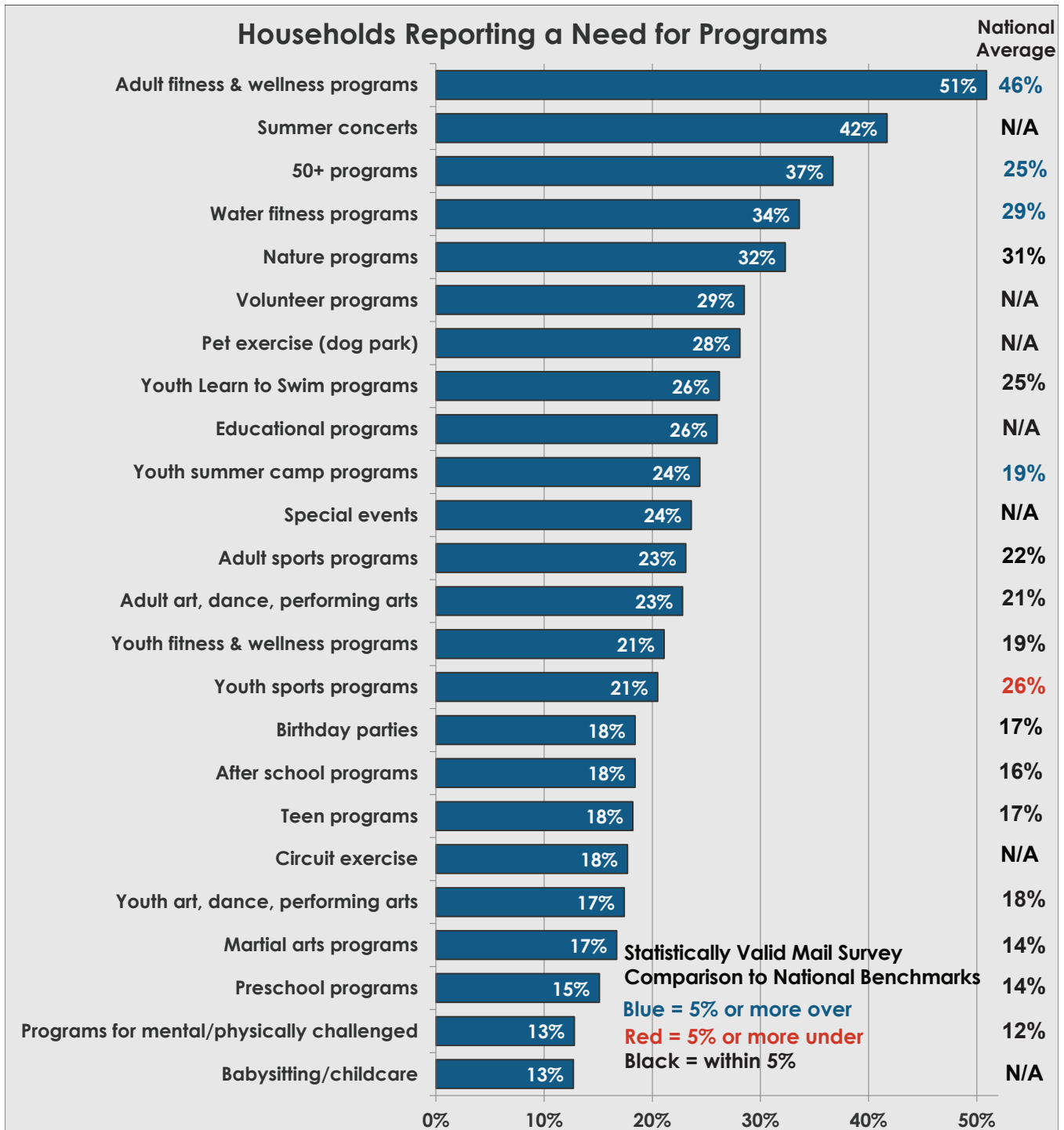
Figure III-14: Facility Priorities for Investment



12. Need For Recreation Programs

From a list of 24 types of recreation programs, respondents were asked to indicate which programs for which they or members of their household had a need. Figure III-15 shows the results as well as the national average for each program.³ As indicated previously for facilities, the national averages are shown in red to indicate Grand Prairie's need at 5% or more below the national average and in blue to indicate Grand Prairie's need at 5% or more above the national average, and black indicates less than 5% above or below the national average or that comparison numbers are not available.

Figure III-15: Needed Recreation Programs



³ Provided by ETC Institute (see Appendix F)

According to the survey, *adult fitness and wellness programs* at 51% were the most needed recreation programs by Grand Prairie households with *summer concerts* ranking second at 42% and *50+ programs* third at 37%. *Water fitness programs* and *nature programs* also had a high levels of need in Grand Prairie, with over 30% of respondent households reporting a need.

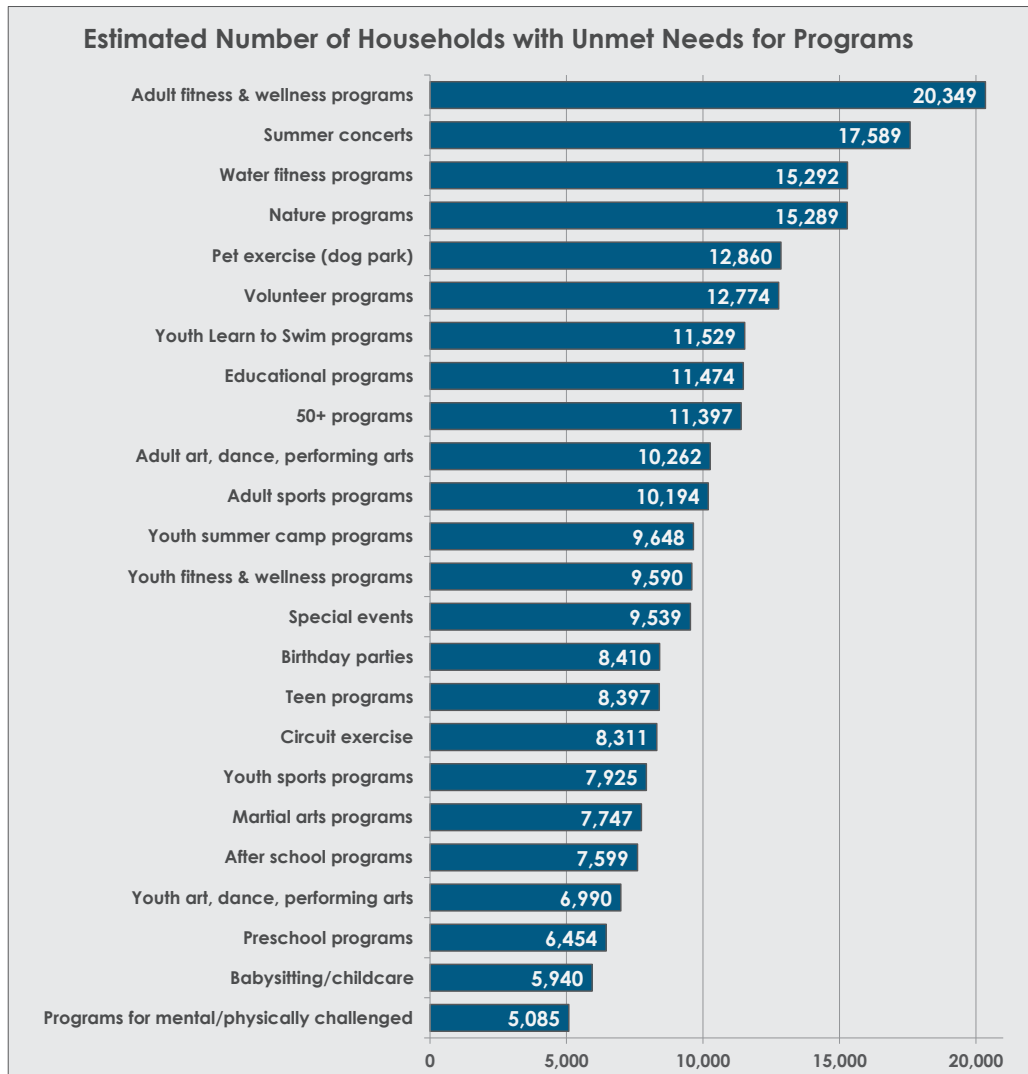


Preschool Swim

Compared to the national averages, Grand Prairie households showed a greater than average need for four types of programs: *adult fitness and wellness programs*, *50+ programs*, *water fitness programs*, and *youth summer camp programs*. The much higher need for *50+ programs* indicates a greater interest in recreation in Grand Prairie for older residents than seen in the rest of the country. Responses indicated a much lower than average need for *youth sports programs* at 21%, compared to the national average of 26%. The results were within 5% or unavailable for the other categories.

The survey also asked respondents how well their needs were met for recreation programs and estimated the number of households for which needs were met at 50% or less based on these responses, combined with the total number of households in Grand Prairie. Figure III-16 shows the estimated number of households with needs met at 50% or less for these programs.

Figure III-16: Estimated Number of Households with Unmet Program Needs



The order of the items in Figure III-16 was generally similar to the list of needed programs in Figure III-15 with the most notable exception of 50+ programs which ranked as the third most needed program but the 9th ranked unmet need. These results indicate that many of the needs for 50+ programs as being met. Over 20,000 households had unmet needs for *adult fitness and wellness programs*, and approximately 17,600 households had unmet needs for *summer concerts*. Additionally, roughly 15,000 households had unmet needs for *water fitness programs* and *nature programs*.

The survey results by ETC Institute also included a Priority Investment Ranking for listed programs, combining the unmet need ranking and most important programs ranking (Figure III-17) for these programs. The results for the high and medium priority facilities can be seen in Figure III-18. Based on these results, the top three program priorities for investment in Grand Prairie are: *adult fitness and wellness programs*, *summer concerts*, and *50+ programs*.



Greenhouse Instruction

Figure III-17: Most Important Programs

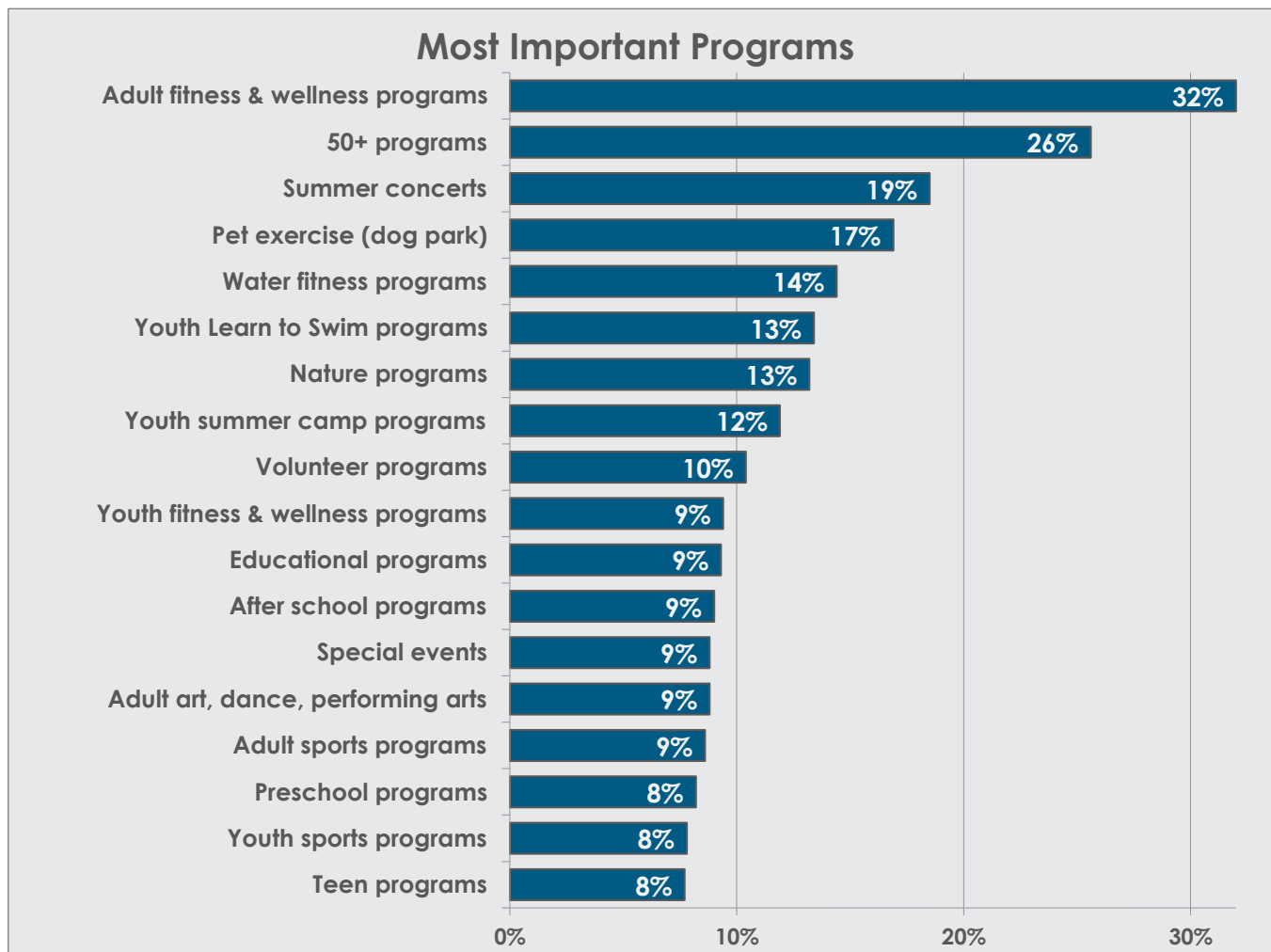
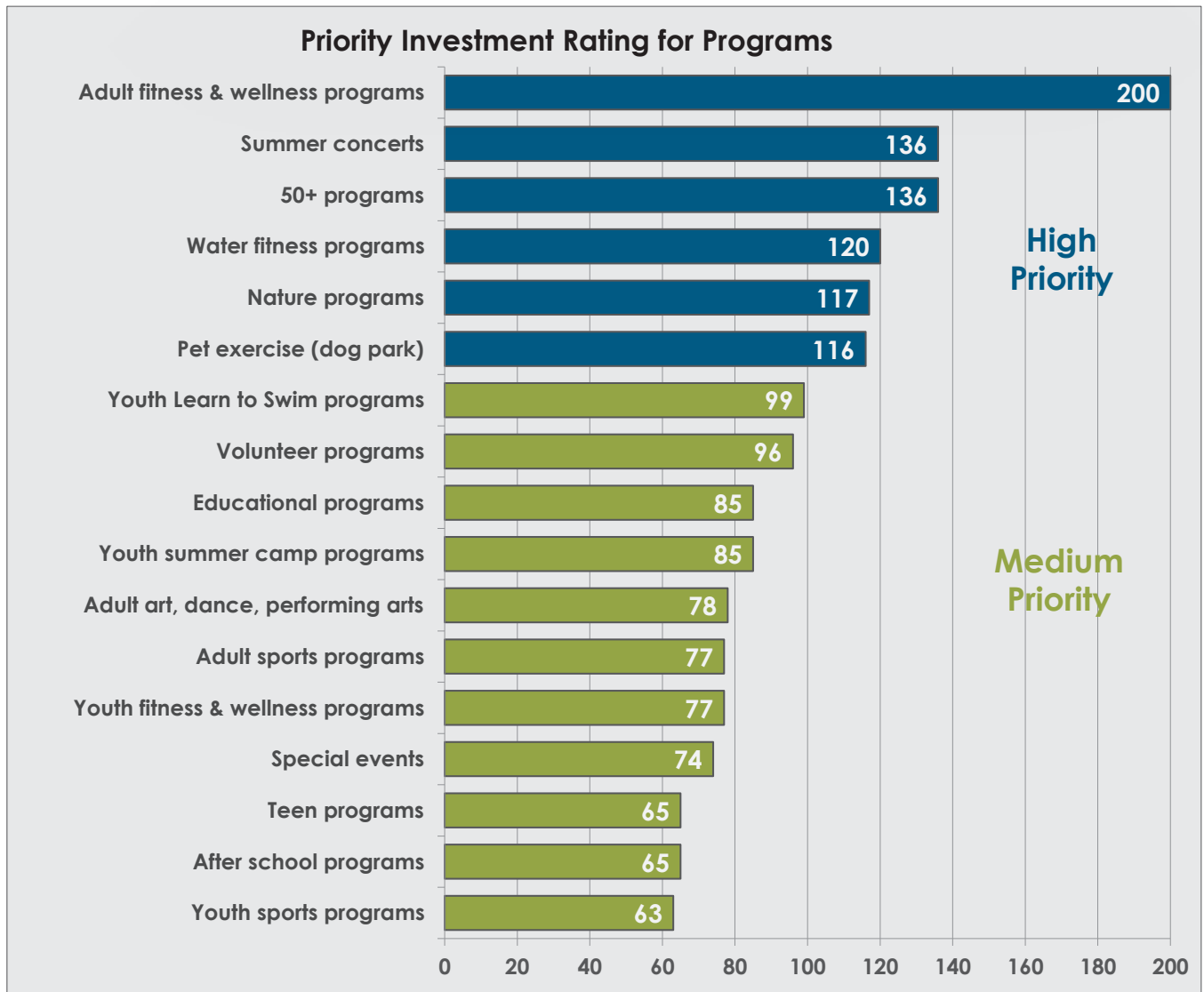


Figure III-18: Program Priorities for Investment



Wetworks

13. Support for Park Improvements

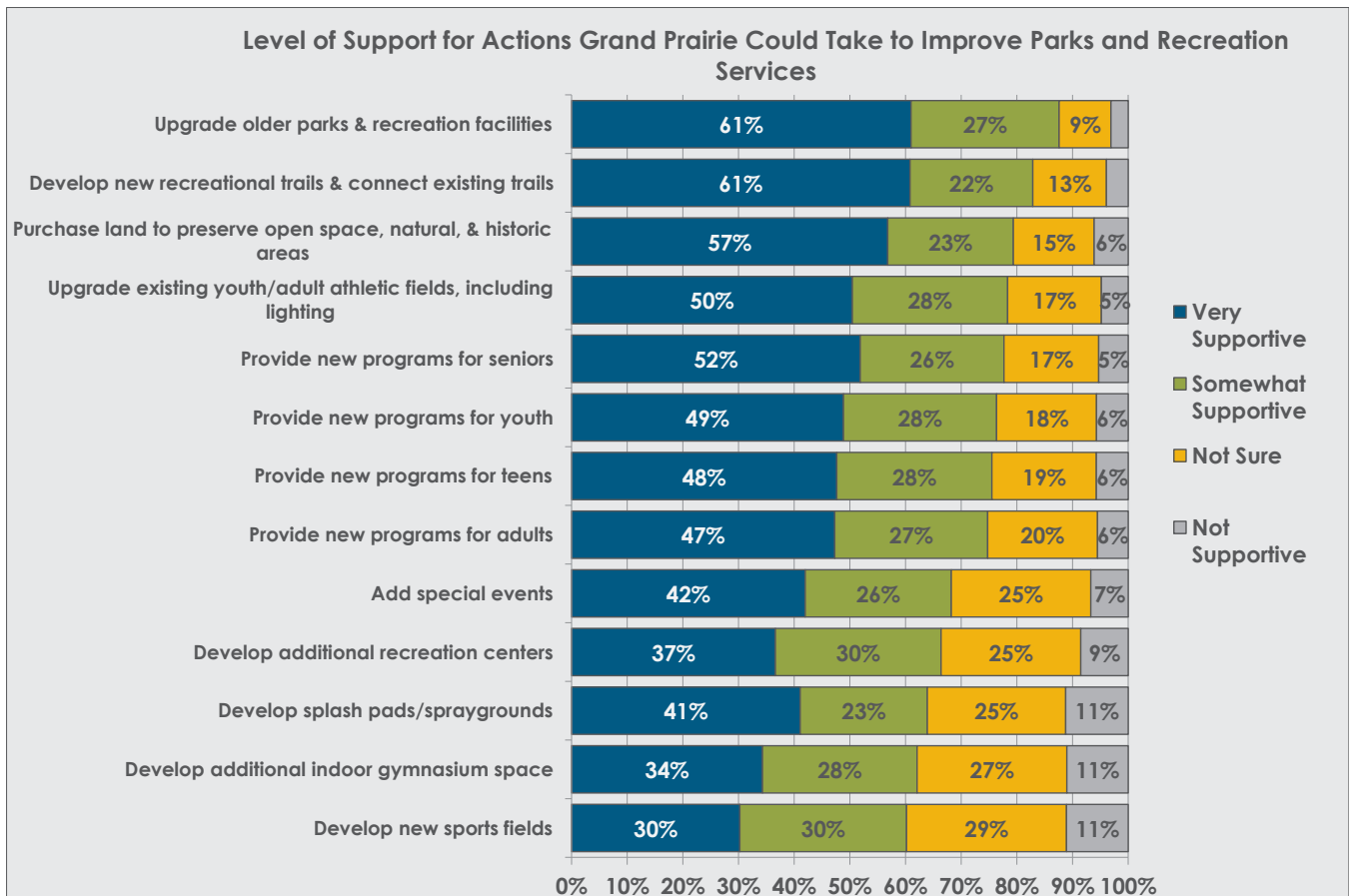
Respondents to the survey were asked to indicate whether they were very supportive, somewhat supportive, not supportive, or not sure of 13 actions Grand Prairie could take to improve parks and recreation services. The results can be seen in Figure III-19, sorted based on the combined total of very supportive and somewhat supportive responses.

The highest level of support was given to *upgrade older parks and recreation facilities* with 88% of respondents supporting this action (61% very supportive). *Develop new recreational trails and connect existing trails* ranked second with 83% of respondents supporting this action (61% very supportive). *Purchase land to preserve open space, natural, and historic areas* ranked third with 77% of respondents supporting this action (57% very supportive). A majority of respondents were supportive of every option provided, although to varying degrees.



Sidewalk Construction

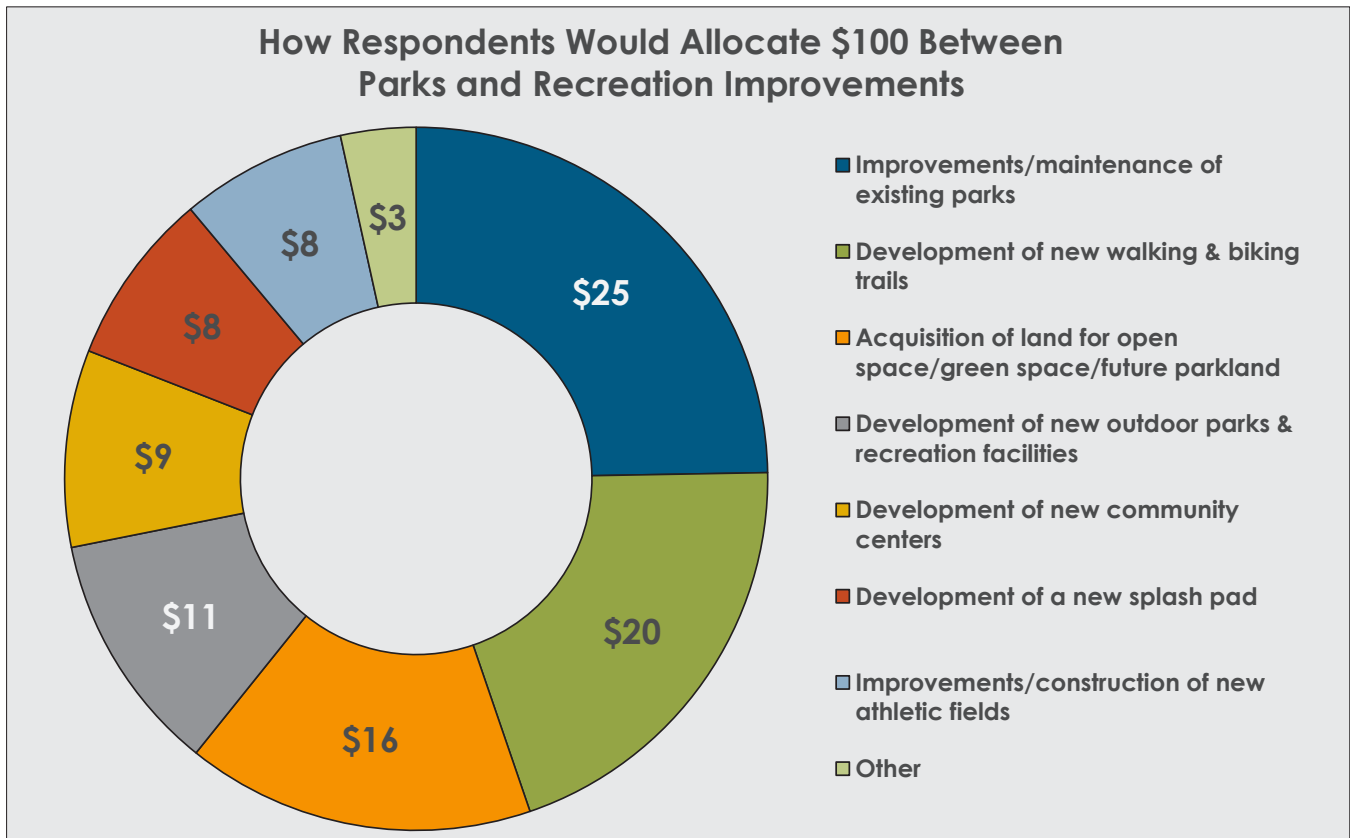
Figure III-19: Level of Support for Actions to Improve Parks and Recreation Services



14. Allocation of \$100 Between Parks and Recreation Improvements

Survey respondents were asked how they would allocate \$100 between seven different types of parks and recreation improvements in Grand Prairie (plus an "other" option). According to these results (Figure III-20), residents would allocate \$25, the largest allotment of funds, toward *Improvements/maintenance of existing parks*, \$20 toward *development of new walking and biking trails*, and \$16 for *acquisition of land for open space/green space/future parkland*. *Development of new outdoor parks and recreation facilities* ranked fourth with \$11. Overall, the results were consistent with previous findings showing a preference for improvements to existing facilities and development of trails.

Figure III-20: \$100 Allocation for Park Improvements



15. Commission on Aging

Survey respondents were asked whether they were aware of the function, work, and performance of the Commission on Aging (Figure III-21). Only 9% of respondents were familiar with this Commission. Of these respondents, 24% reported that they were *completely satisfied* (Figure III-22) and 53% said that they were *somewhat satisfied*. Twenty-two percent (22%) of these respondents claimed that they were *somewhat unsatisfied*, and only 2% claimed to be *completely unsatisfied*.

Figure III-21: Awareness of Commission on Aging

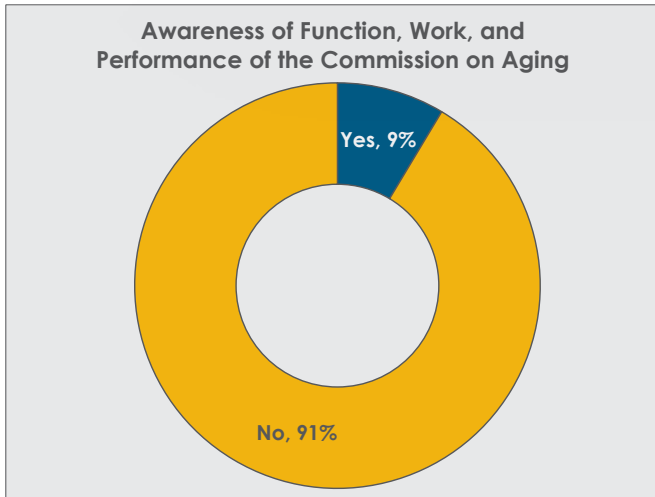
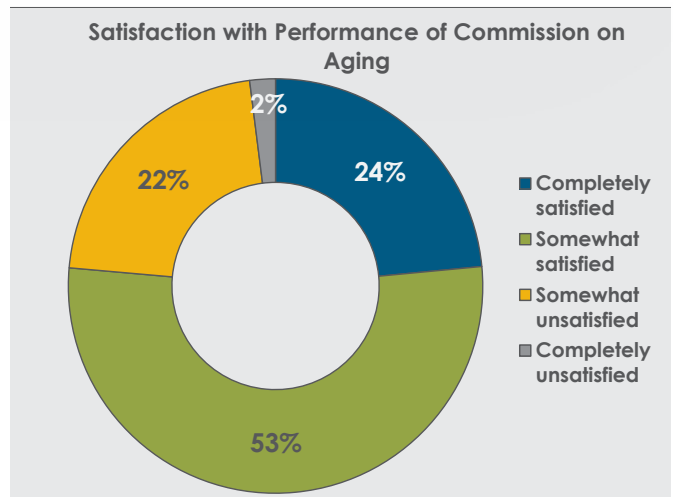


Figure III-22: Satisfaction with Commission on Aging



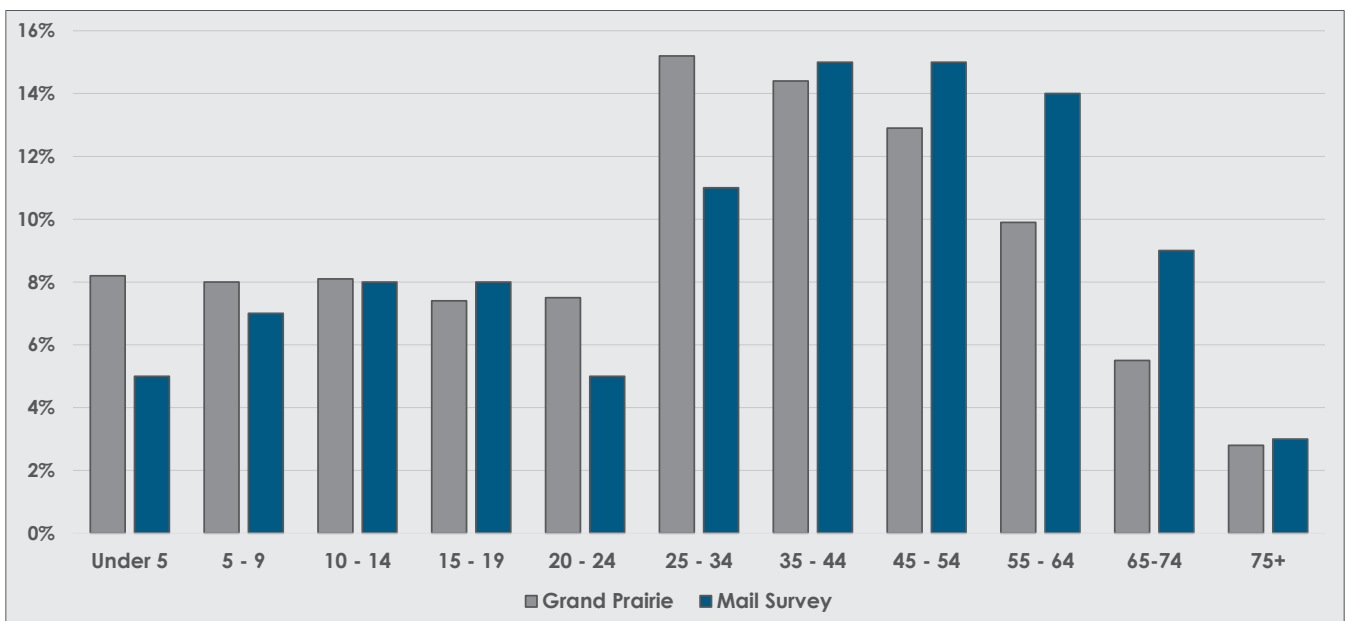
These respondents were also asked to rank the importance of five functions of the Commission. *Transportation* ranked as the most important (34%), followed by *entertainment/recreation* and *home services* (both at 16%). Health and nutrition services ranked fourth at 14%, and volunteer opportunities rank fifth at 8%.

16. Survey Household Demographics

In an effort to compare the demographic representation of the survey responses with that of the population of the City of Grand Prairie, the distribution of age groups of respondent households was compared to the most recent population estimates.⁴ Figure III-23 shows the representation by age group of survey respondent households as well as the estimated 2016 Grand Prairie population of each group.

Based on this comparison, the respondents of the survey fairly closely aligned with the age demographics of the Grand Prairie population. The figure shows that the survey overrepresented those 45 and older and underrepresented residents ages 20 to 34. Representation of the other age cohorts was fairly similar to the actual percentages.

Figure III-23: Survey Household Demographics



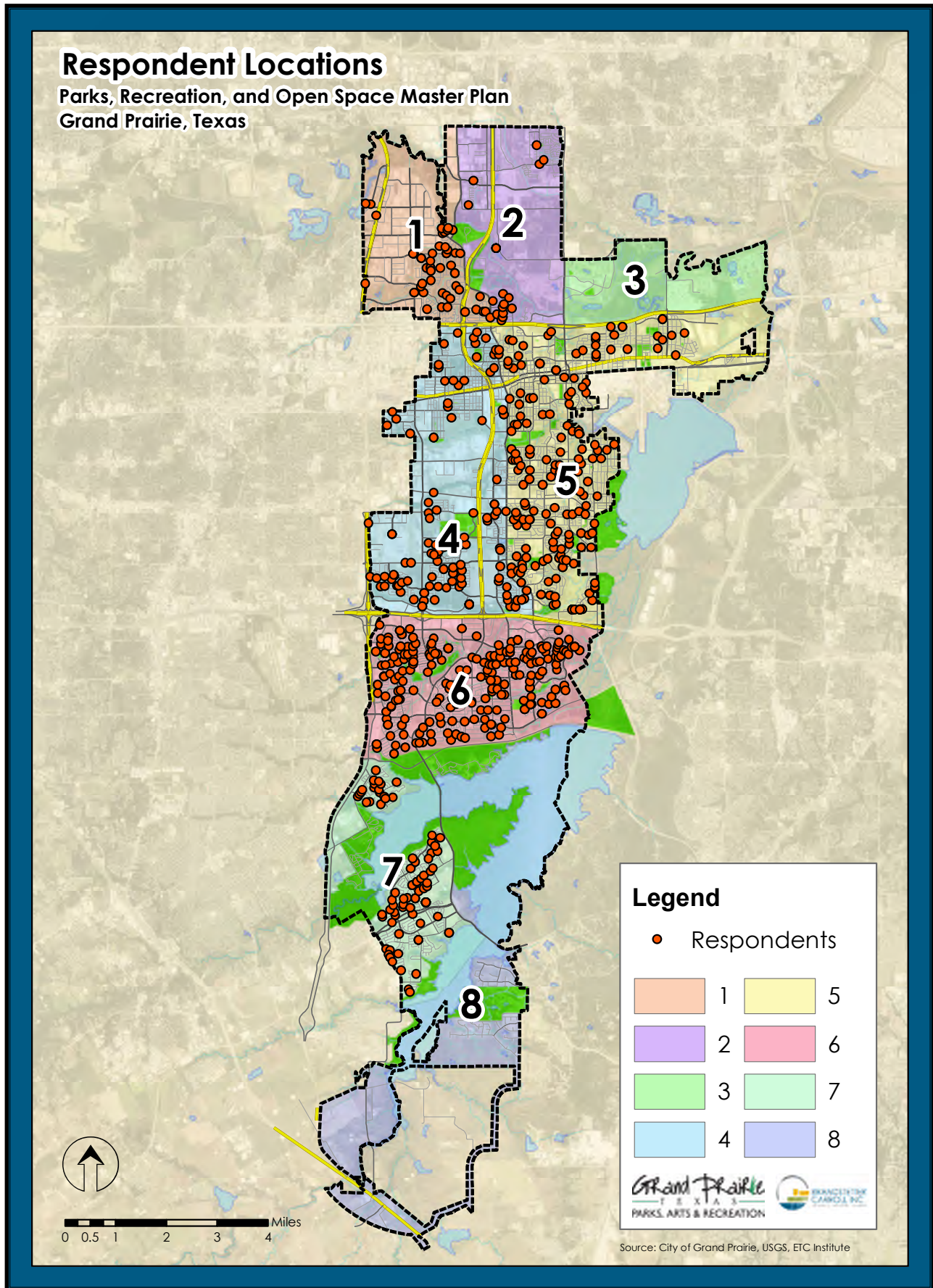
⁴ 2016 estimate by Esri forecasts

17. Distribution of Returned Surveys

ETC Institute provided data for the location of returned surveys (to nearest block). The results, which were also divided into three regions, can be seen in Figure III-24. This figure shows that returned surveys were well distributed throughout the City and most of the areas without survey respondents consist of unpopulated areas, including floodplain, open space, commercial, and industrial area. The regions were assigned to provide three logical groupings. The sectors, as described in Chapter II, are also shown in Figure III-24. Sectors 1, 2, and 3 represent Region 1, while Sectors 4 and 5 represent Region 2. Sectors 6, 7, and 8 represent Region 3. The regions vary greatly in population: approximately 10,000 residents in Region 1, approximately 110,000 residents in Region 2, and Approximately 60,000 residents in Region 3.

Eighty-four (84) surveys were returned from Region 1, 309 from Region 2, and 338 from Region 3. Based on these numbers, one survey was returned for every 119 residents in Region 1, one for every 356 resident in Region 2, and one for every 177 resident in Region 3. These number indicate that residents of Region 2 were somewhat underrepresented in the survey results, compared to the overall population. Results by region are provided on the next few pages to show any differences in results by location for several survey questions.

Figure III-24: Survey Respondent Locations



18. Survey Results by Region

The results for the survey contained cross tabular data for each of the three regions, and analysis of these results showed some differences between these regions. This analysis of the differences between the regions is focused on park visitation, the most important actions for Grand Prairie to pursue, the preferred improvements to existing parks, and the reasons for not using parks and programs.

The visitation of parks and recreation facilities varied substantially between the regions for both which facilities were preferred facilities and overall levels of use. Table III-2 shows the most visited parks and facilities in Grand Prairie with the top five options for each of the three regions shown in bold. Two facilities ranked in the top five for all three regions: Lynn Creek Park and the Farmers Market, two of the most visited facilities overall. Additionally, Mike Lewis Park and The Summit ranked in the top five for two of the three regions (not in Region 3).

In general, visitation to facilities corresponded with location, with facilities in or near each region ranking higher for that region. For example, Mike Lewis Park showed the highest rate of visitation by far by residents of Region 1, where the park is located. Lynn Creek Park, while used by residents of all three regions, was most highly used by residents of Region 3, where the park is located. Region 2 household visitation was more distributed throughout a larger number of parks, likely because more, smaller parks are located in the region.

Table III-2: Most Visited Park and Recreation Facilities by Region

Facility Name	Region 1	Region 2	Region 3	Total
Lynn Creek Park	17%	20%	48%	33%
The Summit	33%	24%	15%	21%
Farmers Market	19%	21%	18%	19%
Mike Lewis	53%	16%	4%	15%
Loyd Park	7%	7%	22%	14%
Friendship	0%	6%	18%	11%
Fish Creek Linear	0%	5%	18%	10%
C. P. Waggoner	27%	12%	2%	9%
Kirby Creek Natatorium	1%	11%	6%	7%
Central Bark Dog Park	1%	9%	8%	7%
Uptown Theater	13%	7%	5%	7%
Prairie Lakes Golf Course	9%	5%	7%	6%
Mountain Creek Lake	0%	10%	3%	5%
Ruthe Jackson Center	7%	7%	3%	5%
Bowles	4%	9%	0%	4%
Dalworth Rec Center	4%	6%	2%	4%

The most important actions for Grand Prairie to pursue to improve parks and programs (Table III-3) were fairly consistent between the three regions, with some exceptions, although the order of preference did vary somewhat.

All regions ranked *upgrade older parks and recreation facilities*, *purchase land to preserve open space, natural, & historic areas*, *develop new recreational trails and connect existing trails*, and *upgrade existing youth/adult athletic fields, including new lighting* in the top five, and two regions ranked *purchase land to preserve open space, natural, and historic areas* in the top five (all but Region 2). *Provide new programs for seniors* ranked in the top five in both Region 1 and Region 2, and *develop additional recreation centers and develop splash pads/spraygrounds* ranked higher in Region 3.

Table III-3: Most Important Actions to Improve Parks and Programs (total of top 3 choices) by Region

Action	Region 1	Region 2	Region 3	Total
Upgrade older parks & recreation facilities	38%	44%	48%	45%
Purchase land to preserve open space, natural, & historic areas	42%	34%	35%	35%
Develop new recreational trails & connect existing trails	32%	28%	36%	32%
Upgrade existing youth/adult athletic fields, including new lighting	22%	21%	22%	22%
Provide new programs for seniors	21%	23%	14%	19%
Provide new programs for youth	13%	19%	16%	17%
Develop additional recreation centers	13%	14%	17%	15%
Provide new programs for teens	13%	17%	14%	15%
Develop splash pads/spraygrounds	14%	12%	17%	14%
Develop additional indoor gymnasium space	12%	13%	13%	13%
Provide new programs for adults	16%	12%	10%	12%
None chosen	12%	10%	11%	10%
Add special events	7%	9%	9%	9%
Develop new sports fields	4%	8%	6%	6%

The preferred improvements to existing parks (sum of top three choices) were fairly consistent between the three regions with some variation outside of the top three improvements (Table III-4). *Improve/add restrooms, walking/jogging trails, and park security lighting* were the top three improvements in all three regions, although the order was different. Region 3 was most interested in *walking/jogging trails*, while Regions 1 and 2 rated *restroom improvements* as most important. Two of the three regions ranked *picnic areas, bike trails, and drinking fountains* in the top five. Region 1 ranked *picnic areas* outside of the top five, Region 2 ranked *bike trails* outside of the top five, and Region 3 ranked *drinking fountains* outside of the top five. Region 2 was most supportive of improvements overall.

Table III-4: Improvements to Existing Parks by Region

Action	Region 1	Region 2	Region 3	Total
Improve/add restrooms	61%	68%	60%	63%
Walking/jogging trails	52%	59%	67%	62%
Park security lighting	51%	62%	53%	57%
Picnic areas	38%	52%	46%	47%
Bike trails	43%	38%	50%	44%
Drinking fountains	43%	46%	38%	42%
Playgrounds	29%	44%	39%	40%
Wi-Fi at parks	27%	43%	38%	39%
Improved parking	22%	37%	31%	32%
Landscaping	24%	33%	30%	31%
Increased programs	18%	26%	24%	24%
Sports fields lighting	14%	24%	18%	20%
Outdoor basketball courts	13%	24%	17%	19%

The reasons for not using Grand Prairie park facilities and programs (Table III-5) were fairly consistent between the three regions. The most cited reason for not using facilities and programs was that households *do not know what is being offered* in all three regions, and *do not know location of facilities and too far from our residence* also ranked in the top five for all regions. Region 3 cited each of these three responses at much higher rates than the other regions, likely because of the limited availability of Neighborhood and Community Parks in the region, particularly the southern portion.

All three regions cited *program times are not convenient* as one of the top five reasons (always fifth). Additionally, households in Region 2 were most likely to report that *fees are too high*. Finally, only households in Region 1 ranked *security is insufficient* as one of the top five reasons for not using parks; however, households in Region 2 were actually more likely to cite this reason as Region 2 households were more likely in general to cite reasons for not using parks.

Table III-5: Reason for Not Using Park Facilities and Programs by Region

Reason	Region 1	Region 2	Region 3	Total
Do not know what is being offered	32%	35%	43%	38%
Do not know location of facilities	29%	26%	35%	31%
Too far from our residence	27%	23%	34%	29%
Fees are too high	12%	27%	17%	20%
Program times are not convenient	14%	22%	16%	18%
Security is insufficient	14%	20%	11%	15%
Safety concerns	13%	17%	9%	13%
Use private clubs/gyms	11%	9%	15%	12%
Facilities are not well maintained	7%	15%	11%	12%
Program or facility not offered	9%	12%	12%	12%
Use facilities in other park systems	10%	8%	12%	10%
Lack of quality programs	6%	10%	10%	9%
Facilities operating hours not convenient	2%	13%	7%	9%
Other	10%	8%	7%	7%
Personal disability	4%	10%	4%	7%
Facilities don't have the right equipment	4%	8%	5%	6%
Availability of parking	3%	7%	6%	6%
Lack of transportation	1%	7%	3%	5%
Class full	3%	6%	3%	4%
Registration for programs is difficult	0%	3%	5%	4%
Language barrier	1%	5%	2%	3%
Use other agencies in City of Grand Prairie	1%	2%	2%	2%

WEB SURVEY

In addition to the Mail Survey, Grand Prairie and Brandstetter Carroll Inc. prepared a handout and web-based survey (Web Survey), powered by Survey Monkey. A total of 195 local residents completed this survey. Seventy-seven percent (77%) of responses were from residents of the 75052 and 75050 zip codes, with most of the remaining respondents from 75051 or 75054 zip codes. Some of the surveys were completed on handout versions, available at the public workshops and stakeholder meetings, which were manually entered into the survey database. The following section summarizes the results of this survey with a comparison to the statistically valid mail survey results. A full summary of the results of the survey can be found in Appendix G.

Park and Facility Visitation

Web survey respondents visited parks and facilities at higher rates than residents of Grand Prairie as a whole. Ninety-two percent (92%) of web survey respondents reported visiting parks in Grand Prairie, compared to 77% of mail survey respondents. The three most visited facilities were The Summit, the Farmers Market, and Lynn Creek Park. These same facilities ranked as the top three on the mail survey, although the order was different, and the reported usage rates were much higher in the web survey. Finally, 56% of

park visitors reported that the physical condition of the parks was good, and 31% reported the condition of facilities was excellent (very similar to the mail survey results).

Facility Improvements

Respondents were asked to choose up to four facilities that they would like to see expanded in Grand Prairie. By a large margin, respondents to the survey would most like to see improvements to *walking and hiking trails*. Forty-eight percent (48%) of respondents rated *walking and hiking trails* as facilities not currently meeting the needs of their households. Respondents also ranked *small neighborhood parks* (30%), *natural areas/nature parks* (30%), and *paved trails* (29%) as facilities they would like to see developed. These four facilities were the top priorities for investment according to the mail survey (Figure III-14).

Regarding improvements to existing parks, the addition of *walking/jogging trails* ranked the highest with 52% of respondents selecting this feature. *Improvements to restrooms* ranked second at 48%, followed by *park security lighting* at 38% and *Wi-Fi* at 36%. *Drinking fountains* (33%) and *bike trails* 31% were also selected by over 30% of respondents. These results are similar to the mail survey respondents, but web survey respondents placed a higher priority on Wi-Fi access at parks.

Programs Improvements

Respondents were asked to choose up to four program that they would like to see developed or expanded in Grand Prairie. The most common response was *50+ programs* (36%), followed closely by *adult fitness and wellness programs* (35%). *Summer concerts* ranked third with 28% of respondents choosing this option. Compared to the mail survey, the top three programs were consistent between the surveys, but *50+ programs* ranked third in the mail survey (Figure III-18), compared to first in the web survey.

Actions

As in the mail survey, respondents were asked to indicate whether they were *very supportive*, *somewhat supportive*, *not supportive*, or *not sure* of 13 actions Grand Prairie could take to improve parks and recreation services. Survey respondents were overwhelmingly supportive of *development of new recreational trails and connections between existing trails* (69% very supportive), *the purchase of land for the preservation of open space, natural, & historic areas* (67% very supportive), and *upgrades to older parks and recreation facilities* (63% very supportive). These top three option were consistent with the mail survey, although web survey respondents placed trails as the most important action (upgrade to existing parks ranked highest in the mails survey) and provided higher levels of support overall. Web survey respondents indicated high levels of support for all the actions provided in the survey.

CONCLUSION

The public input process as a whole provided an abundance of information about the needs and desires of Grand Prairie residents. Although data was gathered through a variety of methods, the trends were fairly consistent throughout the process and between input methods, stakeholder groups, and throughout the City. The results of the public input process indicate that Grand Prairie residents would like to see upgrades to existing parks and facilities (including restrooms, security lighting, drinking fountains, and Wi-Fi access).

Residents indicated strong support for the development of additional trails (walking and biking trails) as well as connections between existing trails. Based on the input, residents also want more picnic areas, senior facilities, and upgrades to athletic fields.

Grand Prairie residents indicated the desire for more nature parks and natural area, also showing support for property acquisitions for this purpose. Additionally, residents indicated a desire for improvements to the Lake Parks. Finally, residents would like to see more small Neighborhood Parks to provide access to these facilities close to their homes.



Sailboats at Joe Pool Lake



Section IV
Inventory of Areas and Facilities

IV. INVENTORY OF AREAS AND FACILITIES

INTRODUCTION

This chapter of the *Project Discovery 2026* plan identifies existing conditions of parks and recreation facilities in Grand Prairie. The chapter begins with a description of park classifications to provide an understanding of their functions. An inventory of parks and recreation facilities follows, including park locations, facilities offered, and other observations.

PARKLAND AND RECREATION AREA CLASSIFICATION SYSTEM

The purpose of developing a parks and recreation classification system for a community is to evaluate the total recreation opportunities that are being made available to the public. Too often, a community will “meet the standard” in terms of acreage, but this provision may be met through only a single park that does not provide for the entire community. Therefore, a system of parks should be developed that provides a combination of local space such as Neighborhood Parks, Community Parks, and City Parks and regional space which includes Regional Parks, Lake Parks, and Nature Parks.

The parks and recreation facilities inventory in this section identifies each park by its park classification and also lists the specific facilities that are located within each park. Table IV-1 defines each park category by its typical size and service area, population served by each park, typical features and facilities, and desirable characteristics. The categories and descriptions were adapted from the *Recreation, Park and Open Space Standards and Guidelines* which was published by the National Recreation and Park Association in 1987 and 1995.

A park system is generally reviewed and analyzed as a composite of recreation areas, each existing to meet a particular public need. Based on a review of national and regional standards, a parkland and recreation area classification system has been developed to reflect the actual conditions and opportunities for the City of Grand Prairie.



Water Tower and Ferris Wheel

Table IV-1: Classification System for Parks and Recreation Areas

PARK CLASSIFICATION	TYPICAL SIZE and SERVICE AREA	DEVELOPED ACRES/1,000 POPULATION	TYPICAL FEATURES/ FACILITIES	DESIRABLE CHARACTERISTICS
Local Space				
Mini-Park (MP) or Pocket Park	Size: Less than 2.5 acres of developed park land 1/4 mile service radius 5 minute walk	Combined with Neighborhood Parks	Typical facilities may include playgrounds, small multi-use court area, and benches.	Often provided in association with school facilities. Some developed as part of residential developments, including HOA/PID developments. May also provide open space as needed to serve high density neighborhoods where children do not have adequate yard space.

PARK CLASSIFICATION	TYPICAL SIZE and SERVICE AREA	DEVELOPED ACRES/1,000 POPULATION	TYPICAL FEATURES/ FACILITIES	DESIRABLE CHARACTERISTICS
Local Space				
Neighborhood Park (NP)	Size: 2.5-15 acres of developed park land ½-1.0 mile service radius 10 minute walk To serve a population up to 5,000	1.0 Acre/1,000	Suited for intense development Typical facilities include field games, court games, playgrounds, spraygrounds, small neighborhood centers, drinking fountains, picnic areas/shelters, and walking trails.	Easily accessible to neighborhood population (safe walking and bike distance). May be developed as park/school facility or in conjunction with service agency facility. May not be needed in areas served locally by City, Community, or Regional Parks.
Community Park (CmP)	Size: 16-40+ acres of developed park land 1.0-2.0 mile service radius 5 minute drive To serve several neighborhoods with populations up to 20,000	2.0 Acres/1,000	Typical facilities include all those listed for Neighborhood Parks, plus swimming pool, field or court game complex, recreation or community center, etc. May include an area of natural quality for picnicking, walking, nature viewing, etc.	Capable of providing a range of intensive recreational activities; or, provides one or two activities that attract users from multi-neighborhood areas. Park should ideally be located at or near a school. May meet needs of a Neighborhood Park for users within a 10 minute walk.
City Park (CitP)	Size: 40 - 100 acres 2.0-3.0 mile service radius 10 minute drive To serve much of the City	3.0 Acres/1,000 (combined with Regional Park targets)	Typical facilities include all those listed for Neighborhood and Community Parks, plus major swimming pool, multiple field or court game complex, major recreation or community center, group reservable picnic pavilions, etc. May include an area of natural quality for picnicking, walking, enjoying nature, etc.	Capable of providing a range of intensive recreational activities; or, provides one or two activities that attract users from multi-neighborhood areas. Park should ideally be located at or near a school and/or along a major road for easy access. May meet needs of a Community Park for users within a 5 minute drive or a Neighborhood Park for users within a 10 minute walk.
Linear Park (LP)	N/A	Contributes to total open space requirement	Area developed for one or more varying modes of recreational travel (pleasure driving, hiking, walking, jogging, biking, etc.). May also include active play areas, fitness courses, picnic areas, etc. Typically located along a stream/drainage corridor, utility easement, or body of water. Should connect to neighborhoods, schools, other parks, etc.	Area developed for one or more varying modes of recreational travel (pleasure driving, hiking, walking, jogging, biking, etc.). May also include active play areas, fitness courses, picnic areas, etc. May also function as a Nature Park.
Special Use-Local (SUL)	Serves community-wide area	Contributes to total open space requirement	Area for specialized or single purpose recreational activities, such as golf courses, plazas in commercial areas, major pools, riverfront park areas, indoor facilities, etc.	Area should be located to meet the special needs of the intended use.

PARK CLASSIFICATION	TYPICAL SIZE and SERVICE AREA	DEVELOPED ACRES/1,000 POPULATION	TYPICAL FEATURES/ FACILITIES	DESIRABLE CHARACTERISTICS
Regional Space				
Regional Park (RP)	<p>Size: 100 + Acres 5-6 mile service radius Travel time within 30 minutes To serve most of the City Located in rural areas but readily accessible to most of the city and regional population. May serve population outside of the City as well.</p>	3.0 Acres/1,000 (combined with City Park goal)	<p>Large properties that contain some active recreation facilities and a large percentage of natural or geographical features.</p> <p>Target size of 100 or more acres with 50% developed for active recreation. Should be accessible from major roads.</p> <p>Destination-oriented parks that may contain picnic areas, any of the active elements found in local space, regional aquatic facilities, and regional indoor facilities.</p> <p>Should connect to linear park and trail system.</p>	<p>Capable of providing a range of specific recreational facilities May include unique natural areas of ecological interest</p> <p>May meet needs of Neighborhood, Community, and/or City Park for users within those service areas</p>
Lake Parks (LP)	<p>Size: 100 + Acres 10-20 mile service radius To serve all of the City plus the region Located along the lakes Travel time within 30 minutes</p>	5.0 Acres/1,000	<p>Large properties that contain some active recreation facilities and a large percentage of natural or geographical features.</p> <p>Target size of 100 or more acres with up to 50% developed for recreation.</p> <p>Destination-oriented parks. May contain picnic areas, camping areas, swimming beach, marinas, equestrian, or aquatic facilities.</p> <p>Should connect to linear park and trail system.</p>	<p>Capable of providing a range of specific recreational facilities. Admittance requires a fee.</p> <p>Should include unique natural areas of ecological interest.</p>
Nature Parks (NaP)	Size as needed to protect the resource	Contributes to total open space requirement	<p>Majority of park to remain in its natural state.</p> <p>Facilities should focus on education by use of "nature activities" and should reinforce that philosophy by offering habitat enhancement, trails, nature centers, interpretive signage, parking and restrooms.</p> <p>The park should be of sufficient size to protect the natural resource and provide a buffer from offsite conditions.</p>	<p>Should include unique natural areas with ecological interest.</p> <p>Typical size should be over 50 acres for management efficiency and to promote ecosystem services.</p>

INVENTORY OF PARKS AND RECREATION AREAS IN GRAND PRAIRIE

The residents of Grand Prairie, Texas are offered a wide variety of parks, recreation facilities, and programs. Table IV-2, Recreation Resources Inventory, provides a summary of the parks, recreation areas, and facilities in the City of Grand Prairie with an indication of the park classification for each property.

The table also indicates the location of the property by sector, as defined in Chapter II. The Existing Parks and Trails maps (Figures IV-1 through IV-3) show the location of each of the parks and recreation areas offered by the City of Grand Prairie. The following text provides a detailed narrative summary of the parks and recreation facilities offered by the City of Grand Prairie. A full description (including photos) of each of these parks can be found in Appendix D.

LOCAL SPACE

As defined by the classification system (Table IV-1), local space refers to parks that primarily serve the residents of Grand Prairie and are generally focused on active recreation, including athletic fields, courts, and playgrounds. These parks also include elements such as walking and biking trails and picnic areas. The park classifications included as local space include: Mini Parks, Neighborhood Parks, Community Parks, City Parks, and Regional Parks. The following text provides a list of park by classification.

Mini Parks

1. Hendrix Park
2. Johnson Street Park
3. Lamar Park
4. Mockingbird Park
5. Nance-James Park
6. Sesquicentennial Park
7. Stanton Gardens
8. Sycamore Park
9. Woodcrest Park



Children at Sycamore Park

Neighborhood Parks

1. Bear Creek South Park
2. Bradshaw Park
3. Fish Creek Forest Preserve
4. Friendship Park
5. Hill Street Park
6. Live Oak Park
7. Lyndon Johnson Park
8. Winsum Park



Girls Soccer at Bowles Park

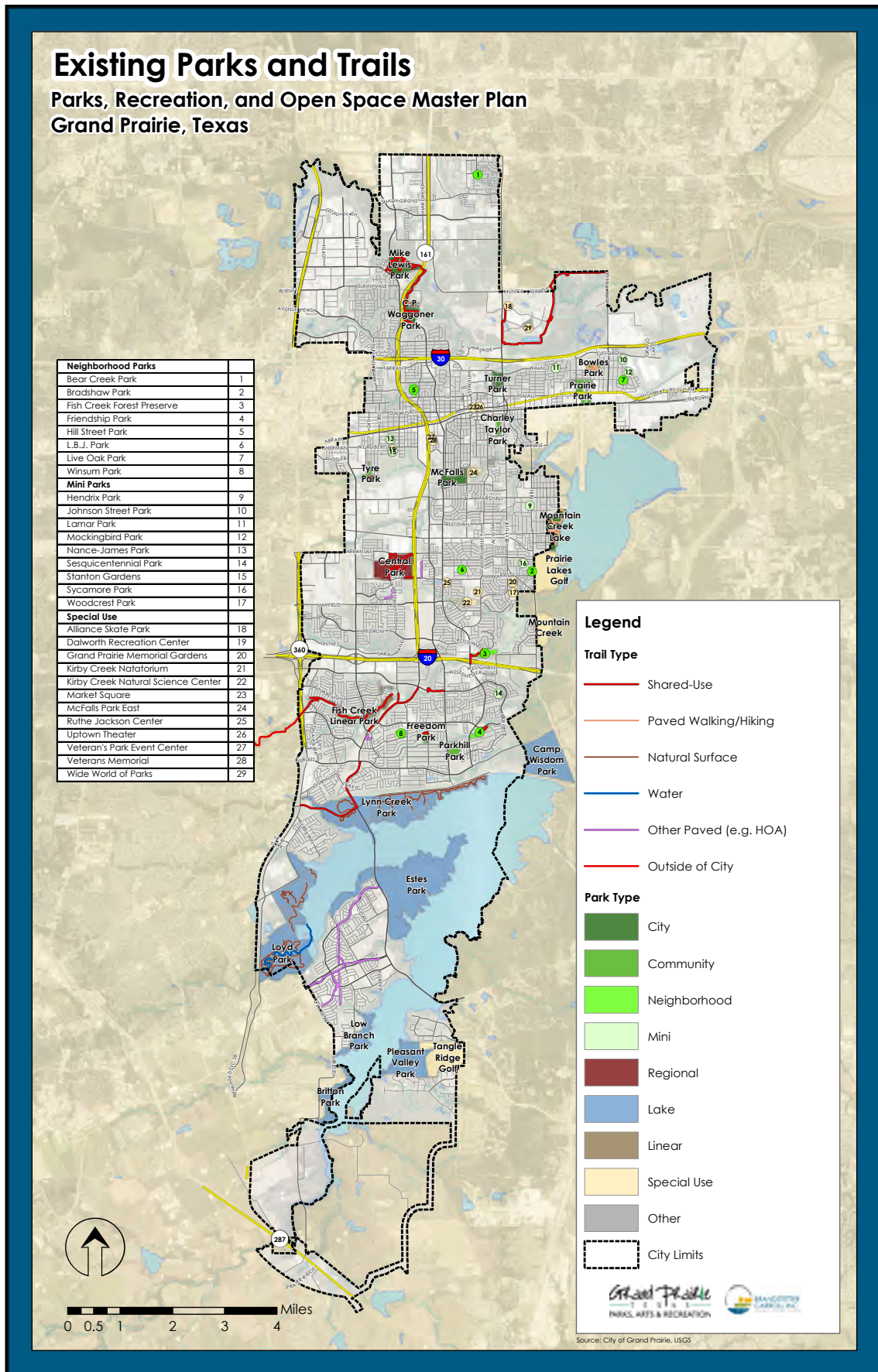
Community Parks

1. Bowles Park
2. Charley Taylor Park
3. Freedom Park
4. Parkhill Park
5. Prairie Park
6. Tyre Park

Facility Name	Park Type	Planning Sector	Acreage		Small Grass Infield	Small Skinned Infield	Large Grass Infield	Large Skinned Infield	Playfields	Small Multi-Purpose	Large Multi-Purpose	Sand Volleyball Courts	Tennis Courts	Outdoor Basketball Courts	Playgrounds	Skate Parks	Horseshoe Pits	Sprayground	Swimming Pools	Golf Holes	Disc Golf Holes	Swimming Access	Boating Access	Fishing Access	Paved	Unpaved	Water	Large Pavilions	Small Shelters	Gazebos	Restrooms	Concessions	Water Fountains	Parking	Recreation Center	Senior Center	Gymnasiums	Swimming Pools	Fitness Center	Meeting Rooms	Other Comments					
			Developed ¹	Total ²																																										
Linear Parks																																														
Fish Creek Linear Park	Linear	6	60.0	133.3					2					2	4										2.2			1					72													
Good Link Linear Park	Linear	2	35.0	47.3																					0.9			1	4			1	21													
Lone Star Trail	Linear	3	12.6	12.6																					4.0				3			1	22													
Other Grand Prairie Trails	Linear	N/A	N/A	N/A																					4.4																		Includes trails along roads			
Subtotal - Linear Parks			107.6	193.2	0	0	0	0	2	0	0	0	0	2	4	0	0	0	0	0	0	0	0	11.4	0	0	0	2	7	0	0	2	115	0	0	0	0	0	0	0	0	0				
TOTAL - City of Grand Prairie			1,364.7	1,707.2	8	7	7	4	5	17	17	2	2	15.5	29	1	10	1	3	45	27	0	0	1	21.7	1.1	0	13	12	26	17	11	42	4,661	4	1	5	4	5	11						
Lake Parks																																														
Britton Park	Lake	8	10.0	129.0																			X	X																		87				
Camp Wisdom Park	Undeveloped	6	0.0	175.0																																										
Estes Park	Undeveloped	8	0.0	1,030.0																																										
Low Branch Park	Lake	7	14.0	155.0																																							RC Model Aircraft Runway, gravel parking			
Loyd Park	Lake	7	200.0	791.0										1								X	X	X	8.9	5.0	4			7		11	507						X		Lodge facility - 8 cabins, 221 campsites w/ shelter					
Lynn Creek Park	Lake	6	578.0	784.0										1								X	X	X	8.5		3		110	8	1	8	669									Marina (548 slips, 4 ramps, fuel station, restaurant)				
Pleasant Valley Park	Undeveloped	8	0.0	224.0																																										
Subtotal - Lake Parks			802.0	3,288.0	0	0	0	0	0	0	0	0	0.0	2	0	0	0	0	0	0	2	3	3	0	17.3	5.0	7	0	110	15	1	19	1,263	0	0	0	0	0	0	1						
Total - Grand Prairie with Lake Parks			2,166.7	4,995.2	8	7	7	4	5	17	17	2	2	15.5	31	1	10	1	3	45	27	2	3	4	21.7	18.4	5.0	20	12	136	32	12	61	5,924	4	1	5	4	5	12						
OTHER PROPERTIES																																														
Special Use																																														
Copeland Home	Special Use	5	0.2	0.2																																								0	Historic residence	
Jaycee Park	Special Use	4	0.7	0.7																																								X	Historical equipment - 2 cannons	
Subtotal - Special Use			0.9	0.9	0	0	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Joint Use																																														
Grand Prairie High School	Joint Community Use	5	0.7	0.7								4																																N/A		
South Grand Prairie High School	Joint Community Use	5	1.2	1.2								8																																N/A		
Subtotal - Joint Use			1.9	1.9	0	0	0	0	0	0	0	12	0.0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Other Open Space																																														
Colgate Park Tract	Undeveloped	5	0.0	11.3																																									0	
Holland Street Park	Undeveloped	4	0.0	0.7																																									0	
Subtotal - Open Space			0.0	12.0	0	0	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL - Other Properties			2.8	14.7	0	0	0	0	0	0	0	12	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		

1. Developed for recreation. Acres estimated based on GIS measurements using aerial photography.
2. Small grass or skinned infields can accommodate 60 ft. or shorter baselines, while large grass infields can accommodate 90 ft. baselines, and large skinned infields can accommodate 75 ft. baselines.
3. Large multi-purpose fields measure at least 300 x 200 ft., and small multi-purpose fields measure 200 x 150 ft. or smaller.

Figure IV-1: Existing Parks and Trails



City Parks

1. C.P. Waggoner Park
2. McFalls Park
3. Mike Lewis Park
4. Mountain Creek Lake Park
5. Turner Park

Linear Parks

1. Good Link Linear Park
2. Lone Star Trail
3. Fish Creek Linear Park



Girls Softball, Mike Lewis Athletics

Special Use Parks

1. Alliance Skate Park
2. Central Bark
3. Copeland Home
4. Dalworth Recreation Center
5. Grand Prairie Memorial Gardens
6. Jaycee Park
7. Kirby Creek Natatorium
8. Kirby Creek Natural Science Center
9. Market Square
10. McFalls Park East
11. Mountain Creek Soccer Complex
12. Prairie Lakes Golf Course
13. Ruthe Jackson Event Center
14. Tangle Ridge Golf Course
15. Uptown Theater
16. Veterans Memorial
17. Veterans Memorial Event Center
18. Wide World of Parks



Veterans Memorial

REGIONAL SPACE

Regional space refers to parks that serve residents of the larger region as well as residents of Grand Prairie. These parks are generally larger in size with much of the acreage remaining undeveloped. Regional Parks are more focused on active recreation, while Lake Parks and Nature Parks are more focused on passive recreation and conservation of resources. The following text provides a list of parks by classification.

Regional Parks

1. Grand Central

Lake Parks

1. Britton Park
2. Camp Wisdom Park (undeveloped)
3. Estes Park (undeveloped)
4. Low Branch Park
5. Loyd Park
6. Lynn Creek Park
7. Pleasant Valley Park (undeveloped)



Fishing at Joe Pool Lake

Figure IV-2: Existing Parks and Trails (North)

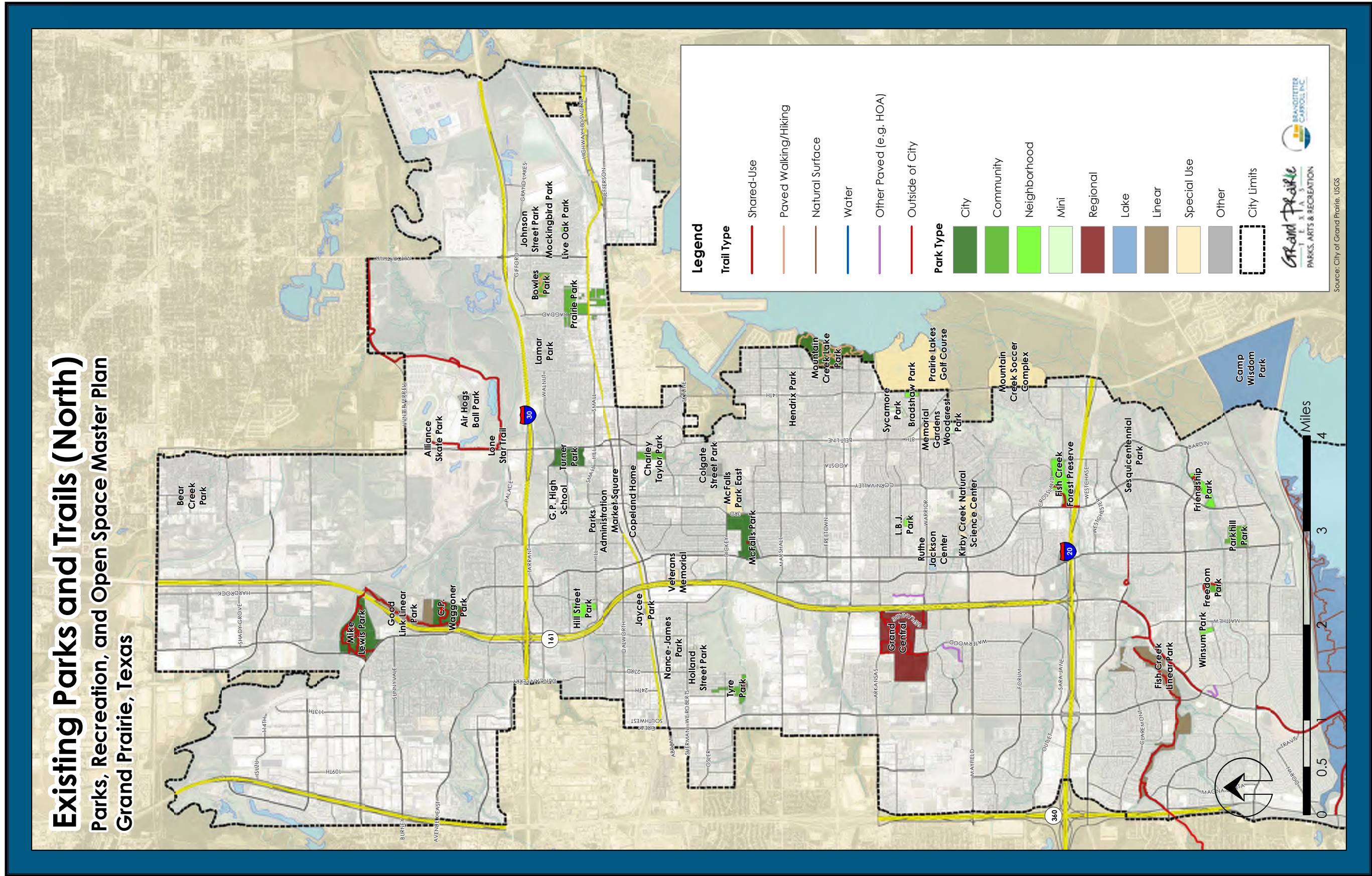
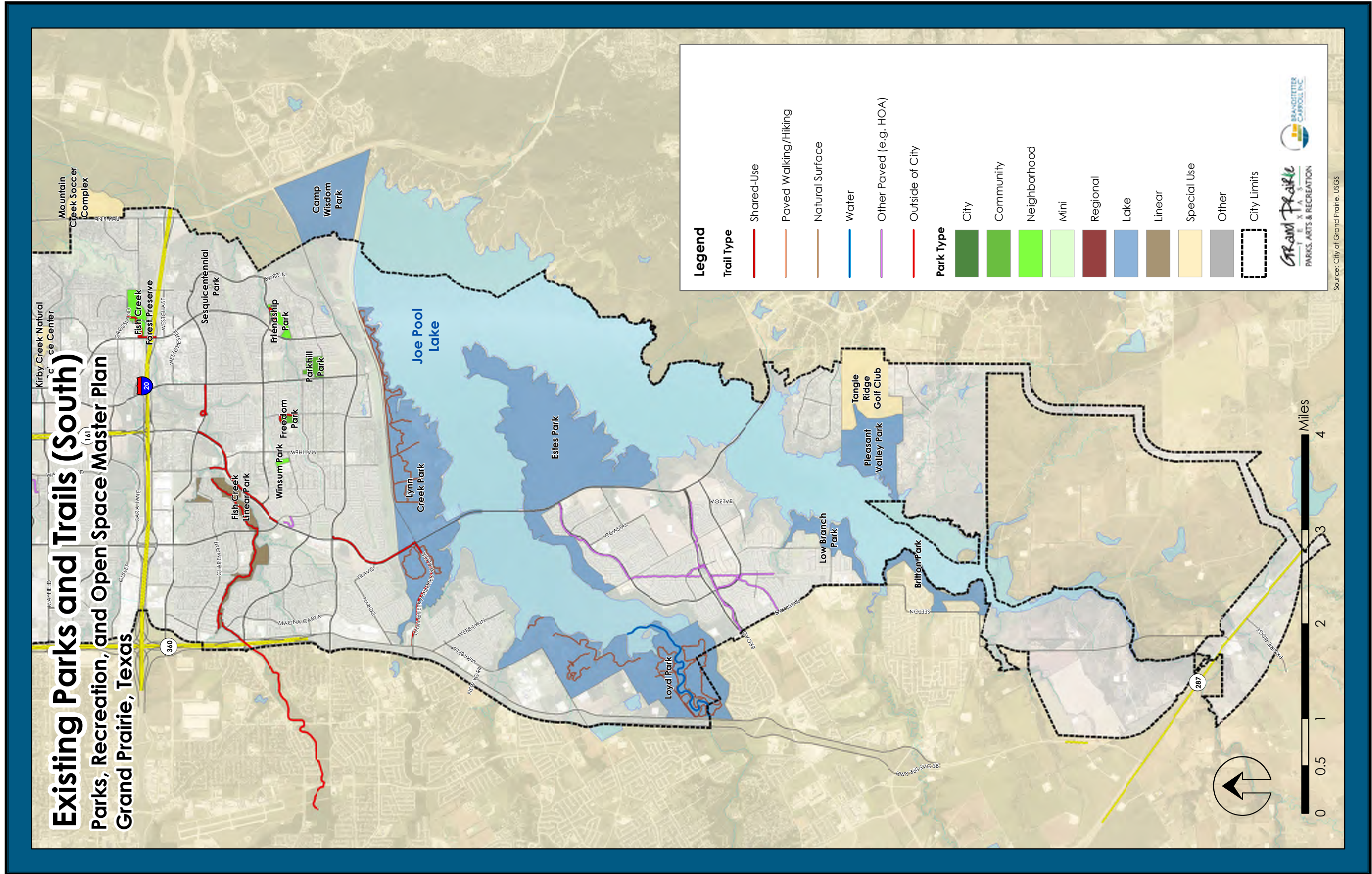


Figure IV-3: Existing Parks and Trails (South)



Nature Parks

No parks in Grand Prairie are currently classified as Nature Parks, but this classification could be used for future parks that are largely undeveloped but not adjacent to the lakes.

Facility Summary

The table (Table IV-3) below provides a summary of the recreation facilities offered by the Grand Prairie Parks, Arts, and Recreation Department.

Table IV-3: Recreation Facility Summary

Baseball/Softball	#	Lake Features (Locations)	#
Small Grass Infield	8	Swimming Access	2
Small Skinned Infield	7	Boating Access	3
Large Grass Infield	7	Fishing Access	4
Large Skinned Infield	4	Trails (Miles)	#
Playfields	5	Paved	21.7
Multi-Purpose Fields	#	Unpaved	18.4
Small Multi-Purpose	17	Water	5
Large Multi-Purpose	17	Picnic Facilities	#
Courts	#	Large Pavilions	20
Sand Volleyball Courts	2	Small Shelters	12
Tennis Courts	2	Gazebos	136
Outdoor Basketball Courts	15.5	Support Facilities	#
Outdoor Recreation Facilities	#	Restrooms	32
Playgrounds	31	Concessions	12
Skate Parks	1	Water Fountains	61
Horseshoe Pits	10	Indoor Facilities	#
Sprayground	1	Recreation Center	5
Swimming Pools	3	Gymnasiums	5
Golf Holes	#	Swimming Pools	2
Golf Holes	45	Fitness Center	4
Disc Golf Holes	27	Meeting Rooms (Locations)	12

SCHOOLS AND HOA PARKS

In addition to the sites offered by the Grand Prairie Parks, Arts, and Recreation Department, many facilities are offered by schools and homeowners associations (HOAs) or public improvement districts (PIDs). These facilities often offer amenities and environments similar to a neighborhood park.

Schools

School sites typically have outdoor recreation areas for students that function as parks for nearby residents when schools are not in session. Schools in Grand Prairie are operated by five different school districts. Elementary school properties in Grand Prairie are more likely to provide an experience similar to what might be expected at a public park, for they offer facilities such as playgrounds, basketball courts, and open play areas (playfields) that are typically found in a Mini Park. Middle and high school recreation facilities, in contrast, tend to be limited to baseball/softball diamonds, rectangle fields, and tennis courts developed specifically for school sports teams and are often locked or otherwise closed for public use and are, therefore, not included in this analysis.

The City of Grand Prairie has an agreement for the use of the tennis courts at Grand Prairie High School and South Grand Prairie High School (Grand Prairie Independent School District). Table IV-4 provides a summary of these facilities in Grand Prairie, and the locations can be seen in Figure IV-4.

- | | |
|--|---------------------------------------|
| 1. Anna May Daulton Elementary (MISD) | 19. Larson Elementary (AISD) |
| 2. Austin Elementary (GPISD) | 20. Lee Elementary (GPISD) |
| 3. Barbara Bush Elementary (GPISD) | 21. Marshall Elementary (GPISD) |
| 4. Bonham Early Education School (GPISD) | 22. Mike Moseley Elementary (GPISD) |
| 5. Bowie Elementary (GPISD) | 23. Milam Elementary (GPISD) |
| 6. Cabaniss Elementary (MISD) | 24. Moore Elementary (GPISD) |
| 7. Cora Spencer Elementary (MISD) | 25. Powell Elementary (GPISD) |
| 8. Crockett Early Education School (GPISD) | 26. Remyse Elementary (AISD) |
| 9. Crouch Elementary (AISD) | 27. Seguin Elementary (GPISD) |
| 10. Daniels Elementary Academy of Science and Math (GPISD) | 28. Starrett Elementary (AISD) |
| 11. Dickinson Elementary (GPISD) | 29. Travis Elementary (GPISD) |
| 12. Eisenhower Elementary (GPISD) | 30. West Elementary (AISD) |
| 13. Farrell Elementary (AISD) | 31. Whitt Elementary (GPISD) |
| 14. Florence Hill Elementary (GPISD) | 32. Williams Elementary (GPISD) |
| 15. Garcia Elementary (GPISD) | 33. Zavala Elementary (GPISD) |
| 16. Garner Fine Arts Academy (GPISD) | 34. Elizabeth Smith Elementary (MISD) |
| 17. Houston Elementary (Closed) | 35. Lake Ridge Elementary (CHISD) |
| 18. Lamar Education Center (Closed) | 36. Mary Lillard Intermediate (MISD) |
| | 37. Stipes Elementary (IISD) |

HOA/PID Resources

Many homeowners associations (HOAs) offer recreation facilities, including playgrounds, basketball courts, trails, swimming pools, and occasionally athletic fields and courts. These facilities are generally open to residents of the neighborhood in which they are located, sometimes for a fee. A summary of HOA/PID facilities is included in Table IV-4, and the location these facilities can be seen in Figure IV-4.

- | | |
|------------------------|------------------------|
| 1. Grand Peninsula HOA | 5. Grand Peninsula PID |
| 2. Lake Parks HOA | 6. High Hawk |
| 3. Mira Lagos HOA | 7. Lake Parks |
| 4. Somerton HOA | 8. Walingford Village |

Table IV-4: Schools and HOA/PID Resources

Facility Name	School District/ PID#	Planning Sector	Playgrounds	Basketball Courts	Playfields	Multi-Purpose Fields	Ballfields	Tennis Courts	Trails (Miles)	Small Shelter	Swimming Pool
Other Recreation Facilities¹											
School Parks											
Austin Elementary	GPISD	5	1	1	2						
Barbara Bush Elementary	GPISD	5	1	2							
Bonham Early Education School	GPISD	5	1								
Bowie Elementary	GPISD	5	1	1							
Crockett Early Education School	GPISD	5	1	1							
Crouch Elementary	AISD	4	1	2							
Daniels Elementary Academy of Science and Math	GPISD	4	1	1							
Dickinson Elementary	GPISD	6		2							
Eisenhower Elementary	GPISD	2	1	2							
Florence Hill Elementary	GPISD	6	1	2	1						
Garcia Elementary	GPISD	5	1	1							
Garner Fine Arts Academy	GPISD	6	1	2							
Lamar Education Center	Closed	5		2							
Lee Elementary	GPISD	5	1								
Marshall Elementary	GPISD	4	1	1							
Mike Moseley Elementary	GPISD	6	1	1							
Milam Elementary	GPISD	5	1								
Moore Elementary	GPISD	4	1	1	1						
Powell Elementary	GPISD	6	1		1						
Seguin Elementary	GPISD	5	1	1							
Starrett Elementary	AISD	6	1		1						
Travis Elementary	GPISD	5	1	1	1						
Whitt Elementary	GPISD	5	1								
Williams Elementary	GPISD	5	1	1							
Zavala Elementary	GPISD	5	1								
TOTAL - Schools			23	25	7	0	0	0	0	0	0
PID Parks											
Grand Peninsula PID	8		1						3.4		1
High Hawk	9		1				1		0.3		
Lake Parks	7		2						1.6		2
Walingford Village	6		1								
Subtotal - PID Parks			5	0	0	0	1	0	5.3	0	3
HOA Parks											
Grand Peninsula HOA	8		2						1.1		2
Lake Parks HOA	7		2						1.6		2
Mira Lagos HOA	8		2						2.3		2
Somerton HOA	N/A		1								1
Subtotal - HOA Parks			7	0	0	0	0	0	5.0	0	7
Subtotal - Other Recreation Facilities			35	25	7	0	1	0	10.3	0	10

1. Only facilities open for public recreational use are included.

OTHER RECREATIONAL OPPORTUNITIES

Recreation opportunities are offered by a variety of other organizations in Grand Prairie, including churches and private organizations (both non-profit and for-profit). These facilities typically have user fees and may limit use to members. A list of facilities with summary of available amenities is provided below. Figure IV-5 shows the locations of the facilities listed below.

Non-Profit Facilities

1. Boys & Girls Club of America
 - Full size gymnasium
 - Exercise
 2. Grand Prairie Branch YMCA
 - Indoor cycling
 - Outdoor pool
 - Exercise
- Fitness
 - Racquetball courts
 - Basketball court
 - Playground
 - Martial arts
 - Multi-use sports fields
 - Summer camps
 - Yoga

Large Churches

1. Abundant Life Assembly of God Church (Not Open To Public)
 - Sand Volleyball
 - Playground
2. Calvary Baptist Church (Not Open To Public)
 - Gymnasium
3. Crossroads Christian Church (Not Open To Public)
 - Tennis
 - Sports Fields
 - Exercise
 - Fitness
4. First Baptist Church
 - Outdoor Basketball Court
5. First Methodist Church
 - Youth Building
 - Basketball Goals (Rental Only)
6. Gateway Church-Grand Prairie
7. Matthew Road Baptist Church
 - None Available
8. The Oaks Baptist Church
 - None Available

Private Fitness and Recreation Programming

1. 360 Jiu-Jitsu
 - Martial Arts Instruction
 - Gymnastics for kids
 - Dance for kids
 - Yoga for kids
2. Amanda's Dance Express & Co
 - Dance instruction
 - Dance competition
3. American Institute of Tae Kwon Do
 - Martial Arts Instruction
 - Gymnastics for kids
 - Dance for kids
 - Yoga for kids
4. Diana's School of Yoga
 - Yoga instruction Freestyle Dance Productions
5. Grand Prairie Karate Academy
 - Martial Arts Instruction
6. Jazzercise
 - Exercise
 - Fitness
 - Min Hur's Taekwondo
 - Martial Arts Instruction
7. Remix Dance Studio
 - Exercise
 - Fitness

Private Fitness Centers

1. 24 Hour Fitness
 - Indoor cycling
 - Indoor pool
 - Exercise
 - Fitness
 - Racquetball courts
 - Basketball court
2. Anytime Fitness
 - Indoor cycling
 - Fitness
 - Exercise
3. LA Fitness
 - Indoor pool
 - Indoor cycling
 - Exercise
 - Fitness
4. Planet Fitness
 - Indoor cycling
 - Fitness
 - Exercise

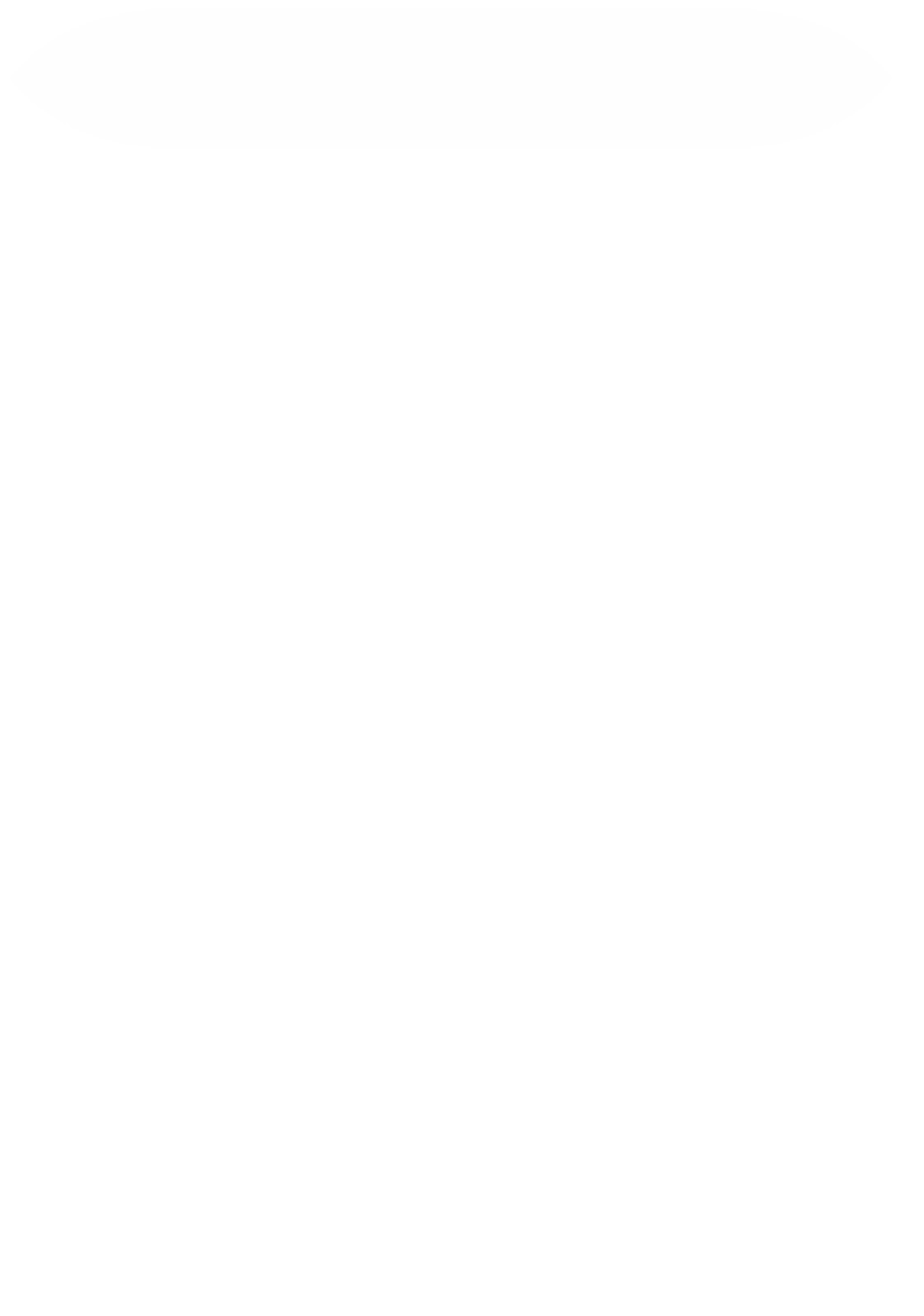


Figure IV-4: Schools and HOA/PID Resources

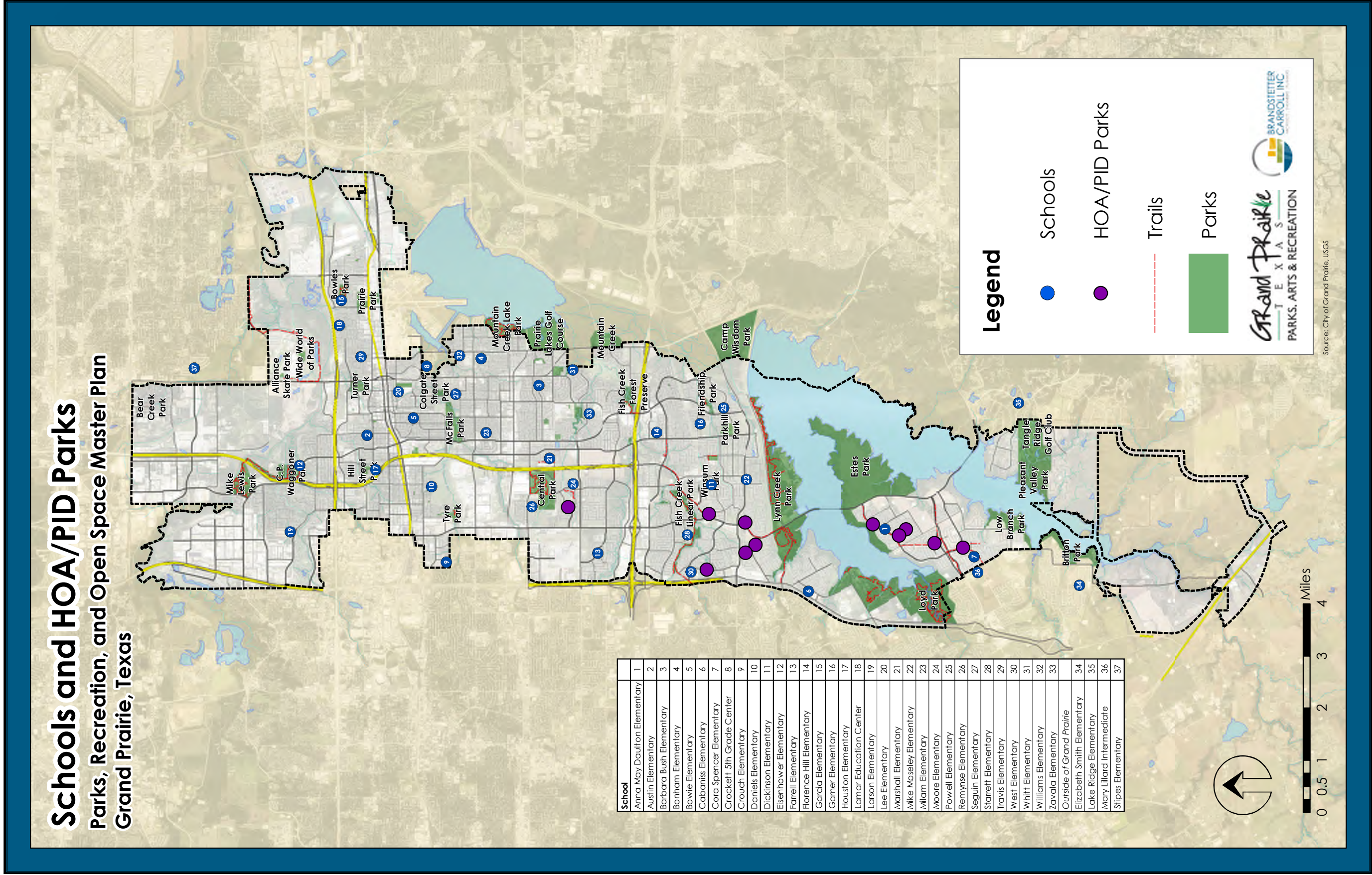
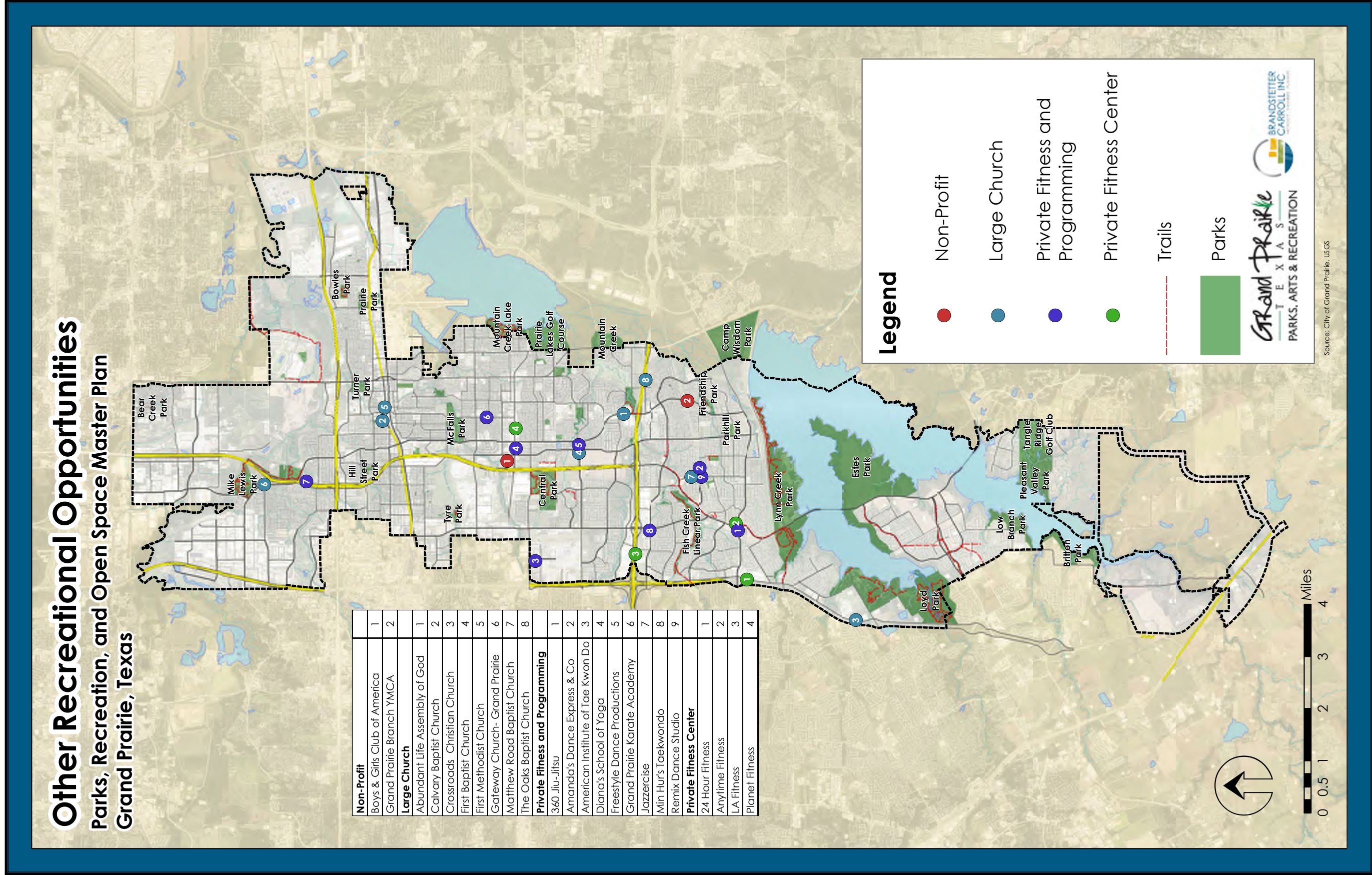


Figure IV-5: Other Recreational Opportunities





Section V
Needs Assessment and Identification

V. NEEDS ASSESSMENT AND IDENTIFICATION

INTRODUCTION

This chapter of the *Project Discovery 2026* plan comprises the assessment and identification of needs in Grand Prairie and consists of the following elements:

1. Parkland and recreation area needs and level of service analysis
2. Facilities needs analysis and level of service standards
3. Geographic analysis of the distribution of parks and recreation facilities

This information and the public input (Chapter III) form the basis of the recommendations for improvement in this plan which are presented in Chapter VI.



Market Square

PARKLAND AND RECREATION AREA NEEDS, STANDARDS, AND GUIDELINES

The parks and recreation area classifications were described in Chapter IV, followed by an overview of facilities in Grand Prairie, and these classifications are generally consistent with the National Recreation and Park Association Guidelines with some modifications to match local circumstances. Level of Service Standards (acres per thousand population) for each park classification in Grand Prairie were established following a thorough analysis of the existing conditions and public input. These goals are consistent with communities throughout Texas and the nation in addition to recent plans completed by the Consultant.

Citywide Level of Service Standards

Table V-1, Level of Service Standards by Park Classification, provides a breakdown of the needs (or target acres) for each type of park in Grand Prairie. This table includes only properties offered by the Grand Prairie Parks, Arts, and Recreation Department. These standards consider developed acres only because they represent the improved portions of parks and, therefore, provide a better basis of comparison of the availability of features.

Table V-1: Level of Service Standards by Park Classification

Park Classification	Existing Developed Acres	Existing Developed Acres per 1000 Population	Target Acres per 1000 Population	2016 Developed Acres Target	2016 Surplus (+) Deficit (-)	2026 Developed Acres Target	2026 Surplus (+) Deficit (-)
Neighborhood	77.2	0.4	0.75	142.0	-64.8	163.8	-86.6
Community	107.5	0.6	1	189.3	-81.8	218.4	-110.9
City/Regional	431.5	2.3	2.5	473.2	-41.7	546.1	-114.6
Lake Parks	802.0	4.2	5	946.4	-144.4	1092.1	-290.1
Total	1418.2	7.5	9.25	1750.8	-332.6	2020.4	-602.2

1. See Chapter II for population estimates.
2. Does not include school grounds or HOA parks.
3. Mini Parks included with Neighborhood Park totals.

This table identifies the current developed park acreage for Grand Prairie and estimates the future needs through 2026. The population of Grand Prairie is expected to continue to grow steadily into the future (see Chapter II). The totals in the table include developed parkland offered by the Grand Prairie Parks, Arts, and Recreation Department. The figure identifies a current deficit of 664 acres of developed parkland in 2016 which will increase to 985 acres by 2026.

The City of Grand Prairie has an acreage deficit in all four park classifications with the largest deficit for Community Parks (82 acres). The deficit in Neighborhood Park acreage (includes Mini Parks) is 65 acres, while the deficit of City Parks (includes Regional Parks) is 42 acres. Finally, the deficit of Lake Parks is approximately 145 acres. All of these deficits will increase substantially by 2026 due to the growing

population of Grand Prairie. Based on park sizes from the park classification system presented in Chapter IV, the City of Grand Prairie will need to develop a minimum of 10 new Neighborhood Parks, five (5) new Community Parks, two (2) new City Parks, and one (1) new Lake Park by 2026 to meet needs as presented in Table V-1.

Level of Service Standards by Sector

For the purpose of analysis throughout this plan, the City of Grand Prairie has been divided into eight sectors (see Chapter II for a map of boundaries). Table V-2 identifies the developed parkland and acres per 1,000 population by park classification for each of the eight sectors. Lake Parks are not included in this analysis because they are regional in nature, serve the City of Grand Prairie as a whole, and must be located adjacent to the lakes. The numbers in Table V-2 indicate that the current acres per 1,000 population varies significantly between the eight sectors of the City. Because the sectors vary in terms of population, the target acres for each category varies significantly between the eight sectors.

Table V-2: Level of Service Standards by Sector

Sector/ Park Classification	Existing Developed Acres	Existing Developed Acres per 1000 Population	Target Acres per 1000 Population	2016 Developed Acres Target	2016 Surplus (+) Deficit (-)	2026 Developed Acres Target	2026 Surplus (+) Deficit (-)
Sector 1							
Neighborhood	0.0	0.0	0.75	9.2	-9.2	10.2	-10.2
Community	0.0	0.0	1	12.3	-12.3	13.5	-13.5
City/Regional	0.0	0.0	2.5	30.7	-30.7	33.9	-33.9
Total	0.0	0.0	4.3	52.3	-52.3	57.6	-57.6
Sector 2							
Neighborhood	2.6	0.3	0.75	5.9	-3.3	6.6	-4.0
Community	0.0	0.0	1	7.9	-7.9	8.8	-8.8
City/Regional	116.7	14.8	2.5	19.7	97.0	22.1	94.6
Total	119.3	15.2	4.3	33.4	85.9	37.6	81.7
Sector 3							
Neighborhood	0.0	N/A	0.75	N/A	N/A	N/A	N/A
Community	0.0	N/A	1	N/A	N/A	N/A	N/A
City/Regional	0.0	N/A	2.5	N/A	N/A	N/A	N/A
Total	0.0	0.0	4.3	0.0	0.0	0.0	0.0
Sector 4							
Neighborhood	17.8	0.4	0.75	29.8	-12.0	32.9	-15.1
Community	23.5	0.6	1	39.7	-16.2	43.9	-20.4
City/Regional	147.3	3.7	2.5	99.3	48.0	109.7	37.6
Total	188.6	4.7	4.3	168.8	19.8	186.5	2.1
Sector 5							
Neighborhood	43.2	0.6	0.75	51.1	-7.9	57.2	-14.0
Community	51.0	0.7	1	68.1	-17.1	76.2	-25.2
City/Regional	167.5	2.5	2.5	170.3	-2.8	190.5	-23.0
Total	261.7	3.8	4.3	289.5	-27.8	323.9	-62.2
Sector 6							
Neighborhood	11.6	0.2	0.75	35.1	-23.5	39.8	-28.2
Community	33.0	0.7	1	46.8	-13.8	53.0	-20.0
City/Regional	0.0	0.0	2.5	117.1	-117.1	132.5	-132.5
Total	44.6	1.0	4.3	199.0	-154.4	225.3	-180.7
Sector 7							
Neighborhood	0.0	0.0	0.75	10.4	-10.4	14.7	-14.7
Community	0.0	0.0	1	13.8	-13.8	19.6	-19.6
City/Regional	0.0	0.0	2.5	34.6	-34.6	49.0	-49.0
Total	0.0	0.0	4.25	58.8	-58.8	83.2	-83.2
Sector 8							
Neighborhood	0.0	0.0	0.75	0.4	-0.4	0.5	-0.5
Community	0.0	0.0	1	0.6	-0.6	0.7	-0.7
City/Regional	0.0	0.0	2.5	1.5	-1.5	1.8	-1.8
Total	0.0	0.0	4.25	2.5	-2.5	3.1	-3.1

1. See Chapter II for population estimates.

Based on these figures, on an acres per population basis, Sector 2 is currently best served by parks, due to the presence of two City Parks and a relatively low population. This sector has a deficit in each of the other three classifications, however. Additionally, these two City Parks (Waggoner and Mike Lewis) border, and also serve, Sector 1. Sectors 4 and 5 have the largest amount of acreage of parkland in these categories (262 acres for Sector 5 and 190 acres for Sector 4) and are the next best served. Sector 6 has a limited amount of acreage in these classifications (although much of the Lake Park acreage is located here), and Sectors 1, 3, 7, and 8 have no developed acreage. Sector 3, however, has no residents, and Sectors 7 and 8 each have Lake Parks.

Each of the sectors (except Sector 3) currently has a deficit in two or three park classifications, although some of these deficits are minimal. For example, projections indicate that Sector 8 will not have a deficit large enough to warrant the development of a park in any of the classifications by 2026. All of the deficits will increase by 2026, however, and growth in many areas, including Sector 8, will likely out-pace the projections.

The purpose of the guidelines in Table V-2 are to provide guidance for the location and development of future parkland, most specifically Mini, Neighborhood, and Community Parks, rather than to serve as goals to be met individually. Surpluses in acreage of other classifications or in adjacent sectors may also be used to meet these targets. Accordingly, the surplus of City/Regional Parks in Sector 2 meets the needs of Sector 1 for this classification, and the City/Regional Park needs of Sectors 6, 7, and 8 are generally met by the Lake Parks.

The features at the Lake Parks are generally different from those offered at more active City or Regional Parks as the Army Corps of Engineers will not allow the development of active (more urban) recreation, such as athletic fields, recreation centers, and aquatic centers, at these properties. Accordingly, residents near these parks will have more access to passive but less access to active recreation. Overall, many acreage targets could be met through the development of existing parkland and may not necessarily require the acquisition of additional property.

Open Space Guidelines

Open space provides benefits to the environment and human health, including improvements to air and water quality, increased biodiversity, wildlife habitat protection, noise reduction, erosion reduction, and protection of water resources,¹ although some of these benefits may be reduced in developed portions of parks. Additionally, proximity to open space has been shown to improve quality of life and increase property values. Many of the benefits of open space apply to the entire City of Grand Prairie. However, it is also important to provide a somewhat equitable distribution of parks and open space because many of the benefits of land preservation, such as increased quality of life and property values, are more beneficial to those who live in closer proximity to those resources.



Loyd Park

Table V-3 identifies the total acres of parks and open space, developed and undeveloped, in each of the sectors and the City of Grand Prairie as a whole.² The total number of acres of open space and the acres per 1,000 population vary greatly between the eight sectors. Sector 8 has the largest total amount of open space at 1,634.5 and, due to its relatively low population, the highest acres per 1,000 population. Sectors 6 and 7 have the next highest amount of open space, due to the presence of the Lake Parks. Sector 2 has the next highest acres per 1,000 population (25.4) because it has a relatively low population. Sectors 4 and 5 have low amounts of open space, compared to their populations. Sector 1 has no open space, and Sector 3 has no residents.

The guidelines presented in Table V-3 indicate a target of 25 acres of open space per 1,000 population, which represents the current level of service in the City of Grand Prairie as a whole. The figures in the table indicate the number of acres required to provide that level of service in all sectors of the City and

¹ De Brun, Constance T.F., ed. *Economic Benefits of Land Conservation*. N.p.: Trust For Public Land, 2007. Web. July 18, 2016.

² These totals do include some structures, but these features represent a small percentage of the total acreage.

to maintain that level of service as population increases (through 2026).

Based on these guidelines, approximately 400 acres will be needed citywide. Sector 5 will need the largest amount of additional open space by 2026 at over 1,088 acres. Sector 4 will need the next most at 870 additional acres, followed by Sector 1 at 339 acres. Sector 6 will need approximately 180 additional acres. The other four sectors have their 2026 needs met already (or close) or have a surplus. Roughly 2,500 acres would be required to meet each of the sector deficits.

Table V-3: Open Space Guidelines

Sector	Existing Acres	Existing Acres Per 1000 Population	2016 Target (25 Acres Per 1000)	2016 Surplus (+) Deficit (-)	2026 Target (25 Acres Per 1000)	2026 Surplus (+) Deficit (-)
Sector 1	0.0	0.0	307.4	-307.4	338.7	-338.7
Sector 2	199.5	25.4	196.7	2.8	221.0	-21.5
Sector 3	15.0	N/A	0.0	15.0	0.0	15.0
Sector 4	226.9	5.7	993.1	-766.2	1,096.9	-870.0
Sector 5	817.0	12.0	1,703.1	-886.1	1,905.0	-1,088.0
Sector 6	1,156.3	24.7	1,170.5	-14.2	1,325.1	-168.8
Sector 7	946.0	68.4	345.7	600.3	489.6	456.4
Sector 8	1,634.5	2,803.6	14.6	1,619.9	18.3	1,616.2
Grand Prairie	4,995.2	26.4	4,731.0	264.2	5,394.6	-399.4

1. See Chapter II for population estimates.

FACILITIES NEEDS ANALYSIS AND LEVEL OF SERVICE STANDARDS

Similar to the recommendations for parkland described previously, Table V-4 details the facilities by type with the available supply compared to the needed supply to meet the targets as established in this plan. These standards were developed using a combination of existing standards and guidelines, benchmarking, Steering Committee input, public engagement, and the past experience of the Consultant. This table includes some facilities that are located on school sites and at HOA/PID parks because they serve some of the needs for residents. These figures do include the planned features at Grand Central (including EPIC and EPIC Waters).

Table V-4: Facility Level of Service Standards

Facility	Per Population Target	Existing Supply	2016 Target	2016 Surplus (+) Deficit (-)	2026 Target	2026 Surplus (+) Deficit (-)
Outdoor Recreation Areas						
Picnic Pavilions/Shelters	5,000	32	37.9	-5.9	43.7	-11.7
Playgrounds ²	2,500	69	75.7	-6.7	87.4	-18.4
Paved Trails (miles) ²	3,000	28	63.1	-35.1	72.8	-44.8
Unpaved Trails (miles)	5,000	18.4	37.9	-19.5	43.7	-25.3
Swimming Pools	35,000	4	5.4	-1.4	6.2	-2.2
Outdoor Theaters	75,000	1	2.5	-1.5	2.9	-1.9
Outdoor Fields & Courts						
Youth Baseball Fields	8,000	19	23.7	-4.7	27.3	-8.3
Youth Softball Fields	15,000	11	12.6	-1.6	14.6	-3.6
Adult Softball Fields	30,000	4	6.3	-2.3	7.3	-3.3
Football Fields	40,000	3	4.7	-1.7	5.5	-2.5
Multi-Purpose Fields ²	6,000	25.5	31.5	-6.0	36.4	-10.9
Basketball Courts ²	3,500	50.5	54.1	-3.6	62.4	-11.9
Tennis Courts	12,000	12	15.8	-3.8	18.2	-6.2
Indoor Areas/Specialized Facilities						
Indoor Pools	75,000	2	2.5	-0.5	2.9	-0.9
Gymnasiums	30,000	5	6.3	-1.3	7.3	-2.3
Recreation Centers	40,000	4	4.7	-0.7	5.5	-1.5
Senior Centers	150,000	1	1.3	-0.3	1.5	-0.5

1. See Chapter II for population estimates.

2. Playgrounds, basketball courts, and trails owned or maintained by schools and HOAs are included in these totals.

3. Small fields counted as a half field.

The values in the table above indicate a need for various additional facilities. Based on these numbers, the most significant current facility needs (2016) are for additional trails, both paved (-35 miles) and unpaved (-20 miles), picnic shelters (-6), and playgrounds (-7). The City also has substantial deficits in the number of athletic fields, including multi-purpose fields (-6) and youth baseball fields (-5). Due to the growing population of Grand Prairie, many of these deficits will increase considerably if additional facilities are not developed.

The values in Table V-4 indicate the number of additional facilities needed to meet the needs of the population of Grand Prairie but do not indicate where new facilities should be located. Table V-5 shows the facilities by type with the available supply in each sector with the needed supply to meet the targets for each facility. The facilities included in this table were reduced to include only facilities that are intended to support a more local population. Athletic fields are excluded, for example, because they better serve residents when centrally located, and outdoor theaters, indoor pools, and senior centers support larger populations than residing in the planning sectors and generally serve the citywide population.

Table V-5: Facility Needs by Sector

Sector/ Recreation Facility	Per Population Target	Existing Supply	2016 Target	2016 Surplus (+) Deficit (-)	2026 Target	2026 Surplus (+) Deficit (-)
Sector 1						
Picnic Pavilions/Shelters	5,000	0	2.5	-2.5	2.7	-2.7
Playgrounds ²	2,500	1	4.9	-3.9	5.4	-4.4
Paved Trails (miles) ²	3,000	0	4.1	-4.1	4.5	-4.5
Unpaved Trails (miles)	5,000	0.0	2.5	-2.5	2.7	-2.7
Swimming Pools	35,000	0	0.4	-0.4	0.4	-0.4
Basketball Courts ²	3,500	2	3.5	-1.5	3.9	-1.9
Gymnasiums	30,000	0	0.4	-0.4	0.5	-0.5
Recreation Centers	40,000	0	0.3	-0.3	0.3	-0.3
Sector 2						
Picnic Pavilions/Shelters	5,000	7	1.6	5.4	1.8	5.2
Playgrounds ²	2,500	5	3.1	1.9	3.5	1.5
Paved Trails (miles) ²	3,000	4.5	2.6	1.9	2.9	1.6
Unpaved Trails (miles)	5,000	0.0	1.6	-1.6	1.8	-1.8
Swimming Pools	35,000	0	0.2	-0.2	0.3	-0.3
Basketball Courts ²	3,500	4.5	2.2	2.3	2.5	2.0
Gymnasiums	30,000	0	0.3	-0.3	0.3	-0.3
Recreation Centers	40,000	0	0.2	-0.2	0.2	-0.2
Sector 3						
Picnic Pavilions/Shelters	5,000	0	0.0	0.0	0.0	0.0
Playgrounds ²	2,500	1	0.0	1.0	0.0	1.0
Paved Trails (miles) ²	3,000	4.1	0.0	4.1	0.0	4.1
Unpaved Trails (miles)	5,000	0.0	0.0	0.0	0.0	0.0
Swimming Pools	35,000	0	0.0	0.0	0.0	0.0
Basketball Courts ²	3,500	0	0.0	0.0	0.0	0.0
Gymnasiums	30,000	0	0.0	0.0	0.0	0.0
Recreation Centers	40,000	0	0.0	0.0	0.0	0.0
Sector 4						
Picnic Pavilions/Shelters	5,000	4	7.9	-3.9	8.8	-4.8
Playgrounds ²	2,500	11	15.9	-4.9	17.6	-6.6
Paved Trails (miles) ²	3,000	3.0	13.2	-10.3	14.6	-11.7
Unpaved Trails (miles)	5,000	0.0	7.9	-7.9	8.8	-8.8
Swimming Pools	35,000	2	1.1	0.9	1.3	0.7
Basketball Courts ²	3,500	12	11.3	0.7	12.5	-0.5
Gymnasiums	30,000	3	1.3	1.7	1.5	1.5
Recreation Centers	40,000	2	1.0	1.0	1.1	0.9

Sector/ Recreation Facility	Per Population Target	Existing Supply	2016 Target	2016 Surplus (+) Deficit (-)	2026 Target	2026 Surplus (+) Deficit (-)
Sector 5						
Picnic Pavilions/Shelters	5,000	10	13.6	-3.6	15.2	-5.2
Playgrounds ²	2,500	25	27.2	-2.2	30.5	-5.5
Paved Trails (miles) ²	3,000	3.4	22.7	-19.3	25.4	-22.0
Unpaved Trails (miles)	5,000	1.0	13.6	-12.6	15.2	-14.2
Swimming Pools	35,000	2	1.9	0.1	2.2	-0.2
Basketball Courts ²	3,500	17	19.5	-2.5	21.8	-4.8
Gymnasiums	30,000	2	2.3	-0.3	2.5	-0.5
Recreation Centers	40,000	2	1.7	0.3	1.9	0.1
Sector 6						
Picnic Pavilions/Shelters	5,000	7	9.4	-2.4	10.6	-3.6
Playgrounds ²	2,500	18	18.7	-0.7	21.2	-3.2
Paved Trails (miles) ²	3,000	7.2	15.6	-8.4	17.7	-10.5
Unpaved Trails (miles)	5,000	8.5	9.4	-0.9	10.6	-2.1
Swimming Pools	35,000	0	1.3	-1.3	1.5	-1.5
Basketball Courts ²	3,500	11.5	13.4	-1.9	15.1	-3.6
Gymnasiums	30,000	0	1.6	-1.6	1.8	-1.8
Recreation Centers	40,000	0	1.2	-1.2	1.3	-1.3
Sector 7						
Picnic Pavilions/Shelters	5,000	4	2.8	1.2	3.9	0.1
Playgrounds ²	2,500	8	5.5	2.5	7.8	0.2
Paved Trails (miles) ²	3,000	5.7	4.6	1.1	6.5	-0.8
Unpaved Trails (miles)	5,000	8.9	2.8	6.1	3.9	5.0
Swimming Pools	35,000	0	0.4	-0.4	0.6	-0.6
Basketball Courts ²	3,500	3.5	4.0	-0.5	5.6	-2.1
Gymnasiums	30,000	0	0.5	-0.5	0.7	-0.7
Recreation Centers	40,000	0	0.3	-0.3	0.5	-0.5
Sector 8						
Picnic Pavilions/Shelters	5,000	0	0.1	-0.1	0.1	-0.1
Playgrounds ²	2,500	0	0.2	-0.2	0.3	-0.3
Paved Trails (miles) ²	3,000	0.0	0.2	-0.2	0.2	-0.2
Unpaved Trails (miles)	5,000	0.0	0.1	-0.1	0.1	-0.1
Swimming Pools	35,000	0	0.0	0.0	0.0	0.0
Basketball Courts ²	3,500	0	0.2	-0.2	0.2	-0.2
Gymnasiums	30,000	0	0.0	0.0	0.0	0.0
Recreation Centers	40,000	0	0.0	0.0	0.0	0.0

1. See Chapter II for population estimates.

2. Playgrounds, basketball courts, and trails owned or maintained by schools and HOAs are included in these totals.

3. Small fields are counted as a half field.

4. Facilities currently under construction or design are included (Grand Central, EPIC, EPIC Waters).

The values in Table V-5 indicate that the deficits for these facilities vary greatly between the eight sectors. Sectors 2, 3, 7, and 8 have the smallest deficits or none at all, while Sectors 4 and 5 have the largest deficits. Every sector other than Sector 3, which has no residents, has a deficit for at least three facilities. All of the needs described in the following text will increase as a result of population growth by 2026.

According to Table V-5, Sector 1 has the largest need (as of 2016) for playgrounds (4) and trails (4.1 miles). Sector 1 also has a need for picnic shelters (2.5), basketball courts (1.5), and unpaved trails (2.5 miles). Sector 2 only has one notable need, unpaved trails (1.6 miles), and some of this sector's surpluses meet some of the deficits in Sector 1, particularly that of picnic shelters. Sector 3 has no residents, so it has no needs based on population.

Sector 4 has notable deficits for picnic shelters (4), playgrounds (4), and trails (10.3 miles paved, 7.9 unpaved). These needs contrast with surpluses for the other four facilities in the list. Sector 5, similarly, has needs for additional picnic shelters (4), playgrounds (2), and trails (19.3 miles paved, 12.6 unpaved). Sector 5 also has a need for basketball courts (2.5).

Sector 6 has deficits for every listed facility and is the only sector with a need for a recreation center and gymnasium (a deficit greater than 1). Sector 7 has only fractional deficits (will increase by 2026) and has surpluses in picnic shelters, playgrounds, and trails. Only the extra playgrounds and unpaved trails help to mitigate deficits in Sector 6. Sector 8, due to its low population, does not have any current or projected population-based needs.

GEOGRAPHIC DISTRIBUTION OF PARKS AND RECREATION AREAS

The spatial distribution of parks throughout Grand Prairie is important because residents are more able and willing to access facilities that are close to their homes. Figure V-1, Park Service Areas, shows existing parks with service areas for various park classifications. The figure also shows the location of residents within Grand Prairie using dots, each of which represents 25 people. Floodplain areas are also indicated to show areas that are unsuitable for residential development. The methodology for this analysis can be found in Appendix A.

These service areas do not represent all users of the parks as some users are willing to travel greater distances than those indicated in the figures; however, the most frequent users likely live within the areas indicated and usage rates tend to decline sharply for residents requiring greater travel times. The map also shows the boundaries of the eight sectors for analysis of service levels within these separate portions of Grand Prairie. Figure V-2 shows the future land use designations for Grand Prairie and the extraterritorial jurisdiction (ETJ).

Park Service Areas

On Figure V-1, Park Service Areas, the darker green areas represent a five minute walk to a Mini Park or larger (Neighborhood Park, Community Park, City Park, or Regional Park). The lighter green areas represent a five minute walk to a Neighborhood Park or larger. The dark yellow areas indicate a five minute drive to a Community Park or larger, and the lighter yellow areas show a 10 minute drive to a City Park or larger. This map serves to indicate the gaps where neighborhoods are not served very well by each of the types of parks.

The northern portion of Grand Prairie is generally well served by larger parks, particularly Community Parks and larger. Figure V-3 shows notable gaps in service on a larger version of the park service areas map. All of the residential areas north of I-20 are located within the service area of a City Park or larger (10 minute drive). Only one area north of I-20 is outside of the service areas for community parks: the area just west of Mountain Creek Soccer Complex, labeled "D" on map. This area is relatively small, however.



Mike Lewis Park

The area south of I-20, Sectors 6 through 8, is not nearly as well served by these larger parks. The southwestern portion on Sector 6 and all of Sectors 7 and 8 are located outside of the service areas for both Community and City Parks. The southern portion of Grand Prairie does have better service to the Lake Parks, although they require a fee for use. A summary of areas outside of service areas for Community and City Parks include (location on Figure V-3 in parentheses):

- The southeastern portion of Sector 5 (E) – Community Parks only
- The southwestern portion of Sector 6 (G) – both Community and City Parks
- All of Sector 7 (I and J) – both Community and City Parks
- All of Sector 8 (K) – both Community and City Parks

Like the City and Community Parks, the Neighborhood and Mini Parks in Grand Prairie are concentrated in the northern portion of the City. The majority of the populated areas in Sectors 1 through 5 lie within the service areas for Mini or Neighborhood Parks, or within a 10 minute walk to a larger park (Community or City Park). Many areas in the southern portion of the City are located outside of these service areas, including all of Sectors 7 and 8. Areas located more than a 10 minute walk from a park (location on Figure V-3 in parentheses):

-
- The southeastern portion of Sector 1 (A)
 - The northwestern portion of Sector 4 (B)
 - The central portion of Sector 5 (C)
 - The southwestern portion of Sector 4 (D)
 - The southeastern portion of Sector 5 (E)
 - The north-central portion of Sector 6 (F)
 - The southwestern portion of Sector 6 (G and H)
 - All of Sector 7 (I and J)
 - All of Sector 8 (K)

These areas contain current or future residential areas, according to the future land use map (Figure V-2). Most of these residential areas are existing, although some of Sector 7 (I) and Sector 8 (J) represent future residential areas. The remainder of Sector 8 is described below.

Extraterritorial Jurisdiction (ETJ)

The extraterritorial jurisdiction (ETJ) is located in the southern portion of Sector 8 and continues to the southwest, beyond the current City of Grand Prairie boundary (see Figure V-2). This area currently has limited public services due to its low density population. Some subdivisions are currently beginning to be developed and more are likely in the future as indicated in the future land use map (Figure V-2).

Some of this area may be annexed in the future, requiring Grand Prairie to provide public services, including parks. The City is required to provide the same level of public services to annexed areas within a three year period, and land will be required for the provision of these services. Grand Prairie will be more prepared to develop these services if the City prioritizes the acquisition of land in these areas before development begins. Early acquisition would ensure the availability of land for needed services and to optimize the location of future parks.

Collaboration with developers would also be beneficial in order to ensure that future parks and services are easily accessible to future residents. Floodplain areas may provide excellent opportunities for recreational uses, particularly linear parks and natural areas, despite poor suitability for other development, if public access to these areas is maintained. Athletic facilities are likely to be needed in these areas as well, since most existing fields are located in the older parts of the city, well beyond the services areas described in the next section of this chapter. Coordination between the Parks, Arts, and Recreation Department and other City departments may provide opportunities to combine use of land for public facilities, such as inclusion of services within recreations centers (library, police, fire).

Figure V-1: Park Service Areas

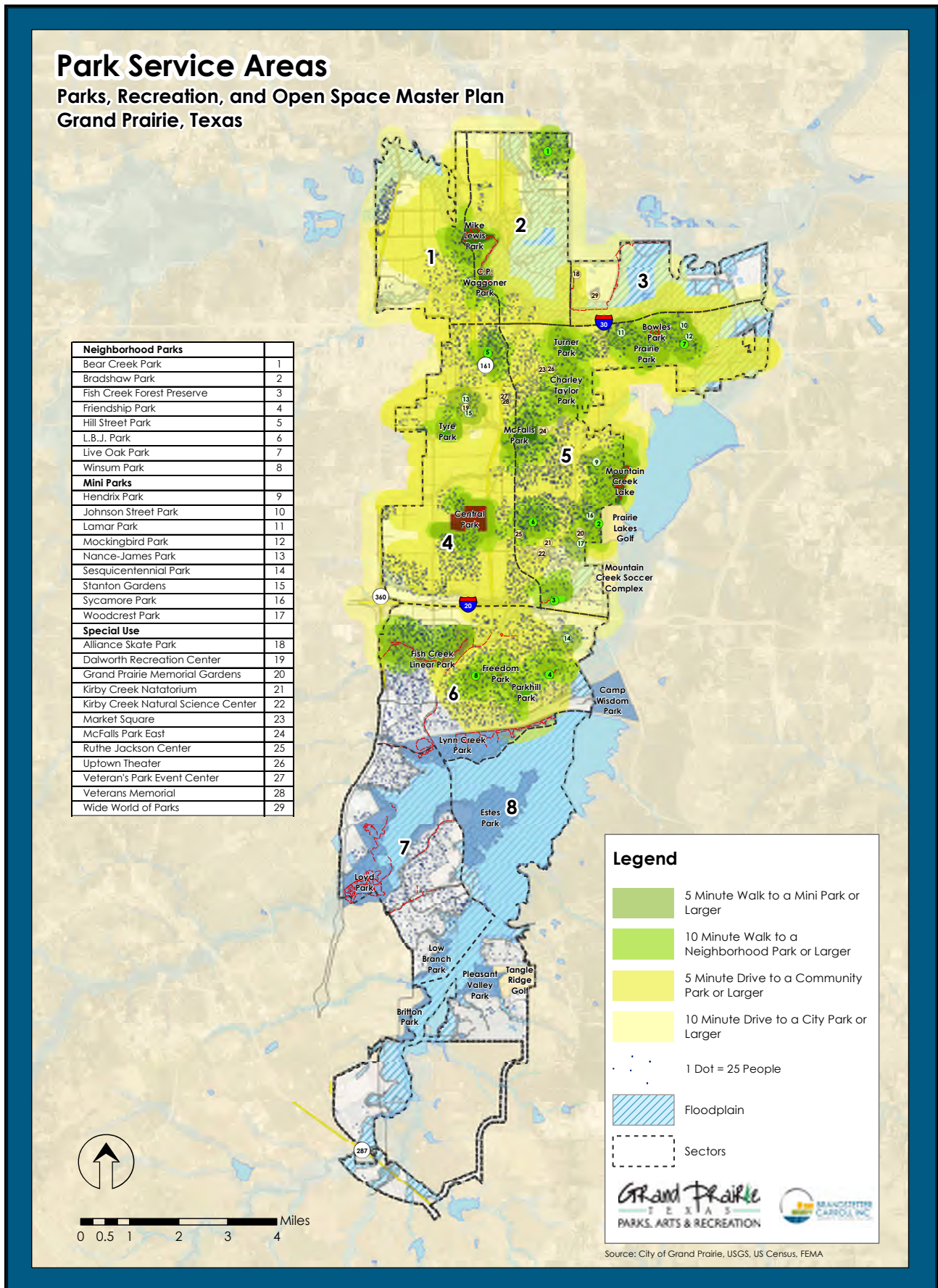




Figure V-2: Park Service Areas - Service Gaps

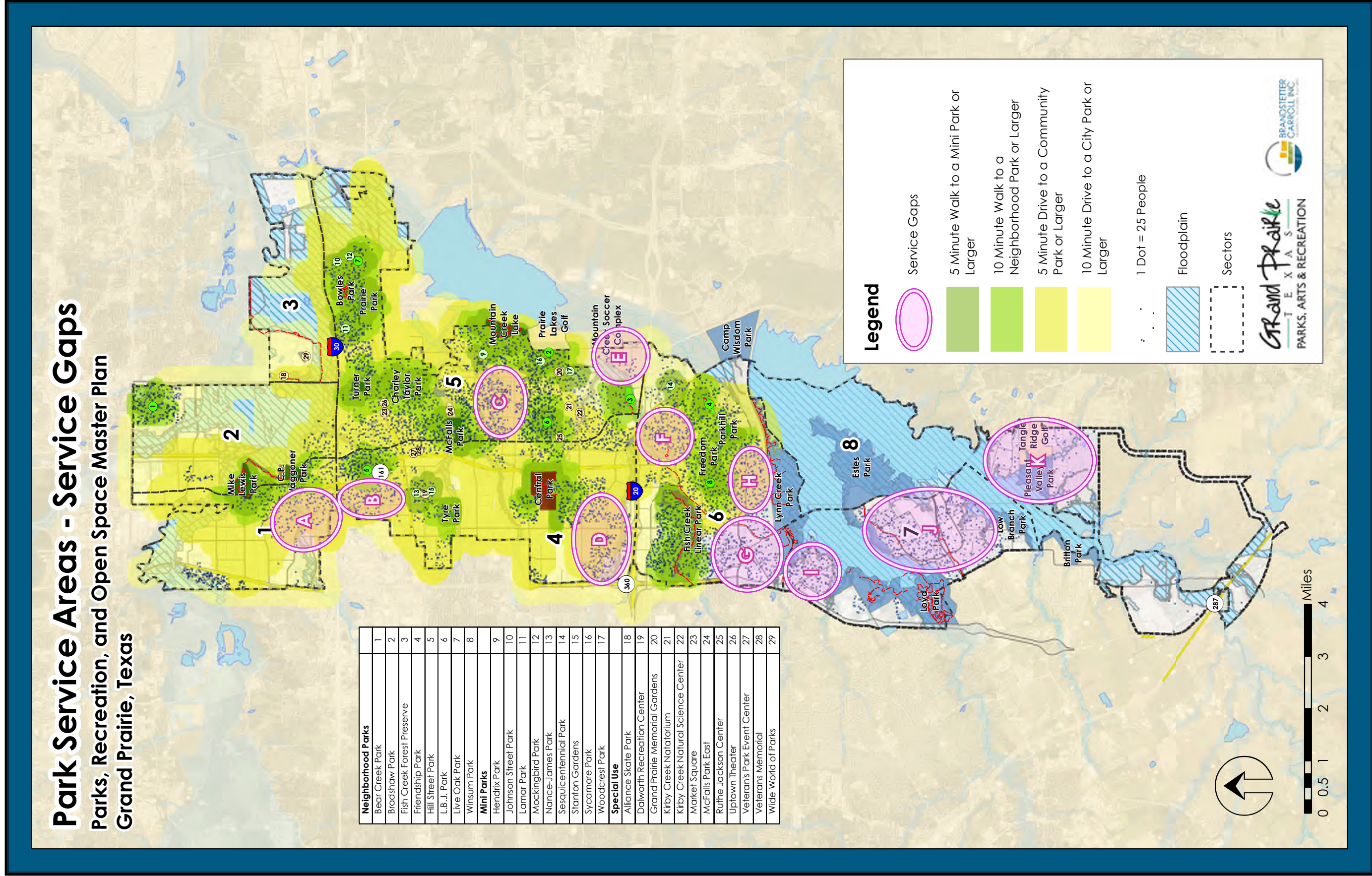
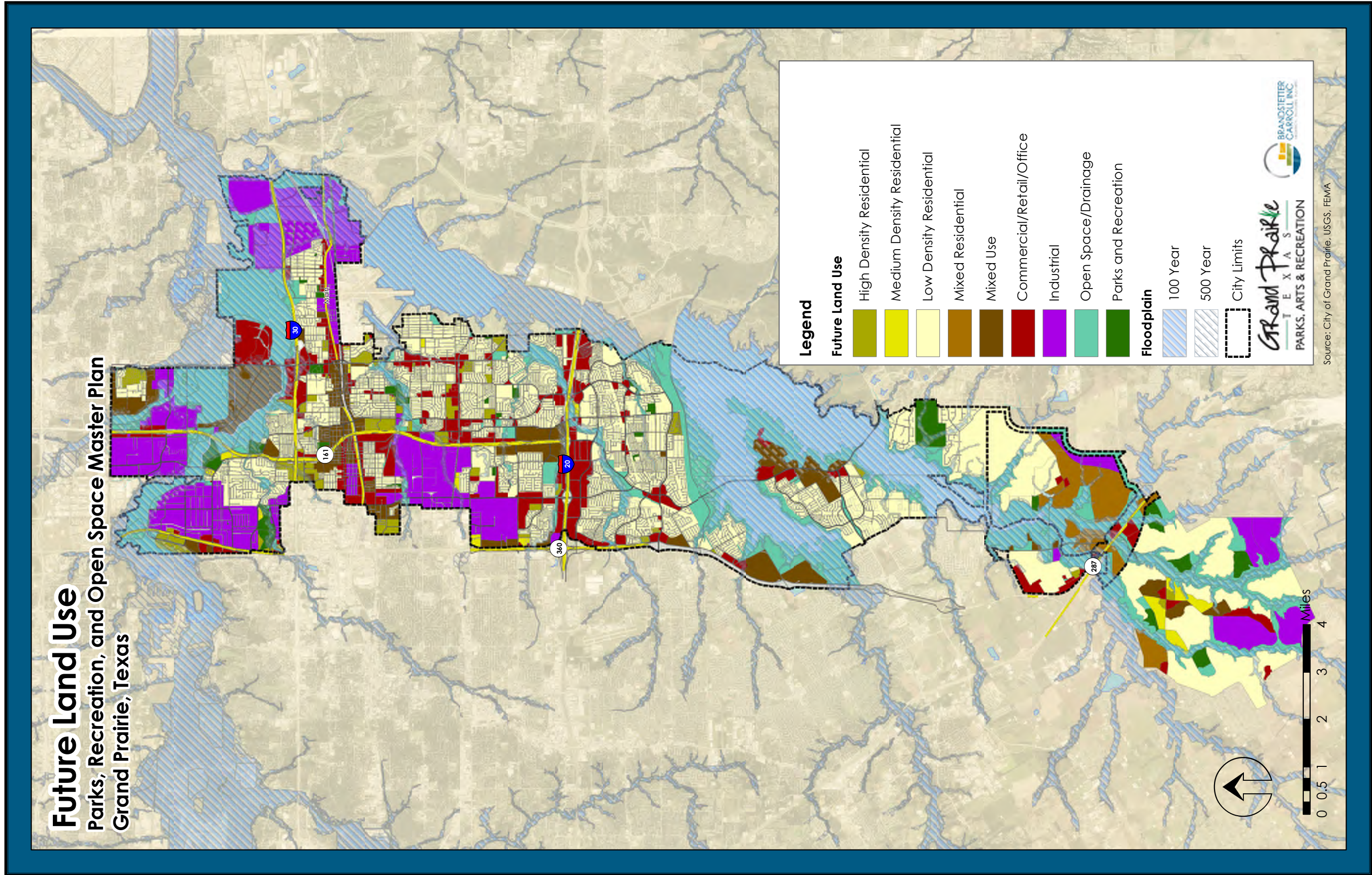


Figure V-3: Future Land Use



GEOGRAPHIC DISTRIBUTION OF FACILITIES

Another component of the needs analysis consists of a review of the geographic distribution of a variety of facilities provided by the Parks, Arts, and Recreation Department for use by residents. Service areas for these key facilities are indicated in Figures V-4 through V-12. These maps present areas of Grand Prairie that are located within the service areas of these facilities. Similar to park usage, visitation rates tend to decline quickly as travel times increase, and the most frequent users are likely to live within the indicated service areas.

The size of a service area varies depending on the type of facility as some facilities require a larger population base. These facilities tend to attract users for longer periods, and residents are typically willing to travel greater distances for those amenities. In contrast, some facilities serve smaller, more local populations, generally within walking distance. Only facilities that are open for public use are included in the following analysis. The methodology for this analysis can be found in Appendix A. The ensuing analysis lists portions of the City that are located outside of the service areas for each facility. A new facility is not necessarily recommended in these areas as this analysis represents only a portion of the overall needs assessment.

Playgrounds

Figure V-4 shows the service areas (10 minute walk) for playgrounds for the City of Grand Prairie. City playgrounds are shown with a yellow icon and green service areas, while school and HOA/PID playgrounds are shown with an orange icon and service area. The map indicates that these facilities are fairly well distributed. The City of Grand Prairie offers 31 playgrounds at 25 different parks, while 30 schools and seven HOAs or PIDs also offer playgrounds. Some facilities located near the City boundary are also shown. It is important to note that the facilities at schools are unavailable to local residents during school hours.



Lynn Park

Most of the residential areas in Grand Prairie are located in or near these service areas. School and HOA/PID playgrounds fill many of the gaps in service between the park playground locations. Residential areas located outside of these service areas include:

- The northwestern portion of Sector 4
- The south central portion of Sector 4
- The southeastern portion of Sector 5
- Most of Sector 8

Outdoor Basketball Courts

Service areas representing a 10 minute walk to an outdoor basketball court are displayed in Figure V-5. The Parks, Arts, and Recreation Department offers 15.5 outdoor basketball courts at 12 different parks, and 35 outdoor basketball courts are located at 25 schools.³ Like the playgrounds, courts at schools are unavailable to local residents during school hours.

The map shows that basketball courts are distributed throughout the City of Grand Prairie; however, in some areas of the City, residents live beyond a 10 minute walk from a basketball court. These areas include:

- The northwestern portion of Sector 4
- The south central portion of Sector 4
- The central portion of Sector 5
- The southern portion of Sector 5
- The southwestern portion of Sector 6

³ Courts with one goal are counted as ½ of a court.

- The southeastern portion of Sector 7
- All of Sector 8

Picnic Pavilions and Shelters

Service areas for picnic shelters are depicted in Figure V-6, showing the portions of Grand Prairie that are within a five minute drive of a small picnic shelter (typically a capacity of 25 or less) or a 10 minute drive of a large pavilions (capacity of 50 or more). Gazebos with few tables are excluded from this analysis as they are not suitable for planned events. Twelve (12) parks have large pavilions (17 total), and 10 parks have small shelters (12 total).

Most residents of the City of Grand Prairie live within the service areas of both small shelters and large pavilions. The only notable locations outside of these service areas are:

- The southeastern portion of Sector 7
- All of Sector 8

Ballfields

The service areas for ballfields (baseball and softball) in Grand Prairie are presented in Figure V-7. This map indicates that most of the City is located within these service areas. The City offers 26 ballfields of various sizes in seven (7) different parks. Most of the fields are located in Sector 5 (14 ballfields) with most of the remaining fields located in Sector 2 (9 ballfields). Three ballfields are also located in Sector 6. A ballfield operated by a HOA is also located in Sector 6, and a complex of ballfields is located just outside of Sector 8 in the City of Cedar Hill.

Despite the concentration of the ballfields in these sectors, most of Grand Prairie is located within the 10 minute drive service area, and much of the City is located within a five minute drive of a ballfield.

Areas beyond a 10 minute drive include:

- All of Sector 7
- All of Sector 8

Additional areas located beyond a five minute drive include:

- The northeastern portion of Sector 2
- The southern portion of Sector 4
- The southern portion of Sector 5
- The western portion of Sector 6



Multi-Purpose Fields

Figure V-8 displays the service areas for large (or full-sized) multi-purpose fields in Grand Prairie. The Parks, Arts, and Recreation Department offers 17 multi-purpose fields at seven (4) parks. The largest number of these fields are located in Sector 5 (10 fields). Six (6) fields are located in Sector 6, and one (1) is located in Sector 4. Smaller fields are located at three additional locations but are not included in this analysis because they serve a smaller segment of the population. These fields also are all located near parks with larger fields. Additionally, fields are located at the YMCA in Sector 6 and to the east of Sector 8 in the City of Cedar Hill.



Much of Grand Prairie is located within the 10 minute service areas of multi-purpose fields, including all of Sectors 4, 5, and 6. Most of these three sectors lie within a five minute drive as well.

Areas beyond a 10 minute drive include:

- The central portion of Sector 1
- The northeastern portion of Sector 2
- All of Sector 7
- All of Sector 8

Additional areas located beyond a five minute drive include:

- The southeastern portion of Sector 1
- The southern portion of Sector 4
- The western portion of Sector 6

Tennis Courts

Only one park in Grand Prairie has tennis courts, Friendship Park. However, the City has an agreement with the Grand Prairie Independent School District for the use of the courts at Grand Prairie High School and South Grand Prairie High School. The service areas for tennis courts can be seen in Figure V-9. Most of the residential areas in Sectors 1 through 6 are located within a 10 minute drive of a tennis court. A private HOA operated court is also located in Sector 4.

Areas beyond a 10 minute drive include:

- The northeastern portion of Sector 2
- All of Sector 7
- All of Sector 8

Additional areas located beyond a five minute drive include:

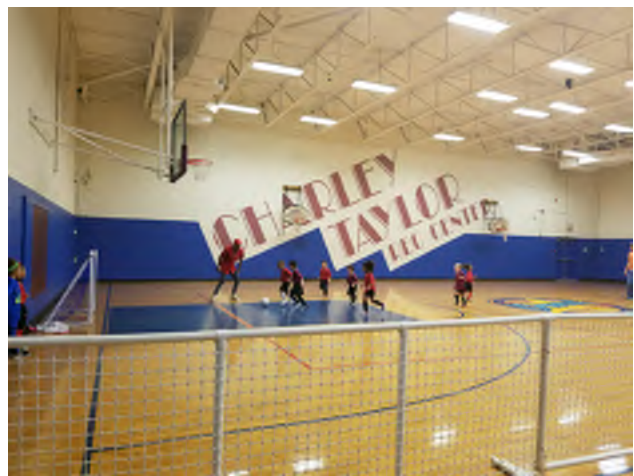
- The southeastern portion of Sector 1
- The northwestern portion of Sector 4
- The southwestern portion of Sector 4
- The central portion of Sector 5
- The western half of Sector 6



Recreation Centers (Including Senior Center)

The Grand Prairie Parks, Arts, and Recreation Department offers four (4) recreation centers (including the EPIC) plus a 50+ center (The Summit). The service areas for these facilities can be seen in Figure V-10. Due to the size of the facilities, the EPIC and Summit facilities are intended to serve all residents of Grand Prairie. Accordingly, a service area is shown indicating a 20 minute drive to these facilities. Like other facilities, some users will be willing to drive beyond this distance.

Areas within a five minute drive to one of the smaller recreation centers or the EPIC are limited to Sectors 4 and 5, and most of these sectors are located within these service areas. The remainder of these two sectors plus some of the residential areas in Sectors 1 and 2 are located within a 10 minute drive of these facilities. Much of Sector 6 and most of Sectors 4 and 5 are located within a 10 minute drive to the EPIC and the Summit. Most of Grand Prairie is located within a 20 minute drive of these two centers (Sectors 1 through 6 and part of 7).



CTRC Indoor Soccer

Areas beyond a 10 minute drive to a recreation center include:

- The northeastern portion of Sector 2
- The southwestern portion of Sector 6
- All of Sector 7
- All of Sector 8

Areas beyond a 20 minute drive to the EPIC and Summit:

- The souther portion of Sector 7
- All of Sector 8

Swimming Locations (Pools and Lake Access)

The City of Grand Prairie offers four outdoor pools (including the new aquatic center at Grand Central), two (2) in Sector 4 and two (2) in Sector 5. Additionally, residents can swim in Joe Pool Lake at Lynn Creek Park and Loyd Park. The service areas for these facilities can be seen in Figure V-11. The service area for the outdoor pools represents a 10 minute drive, while the service area for lake swimming locations indicates a 15 minute drive. A five minute drive area is shown for the pools to indicate which areas of the City have the best access to these facilities. Grand Prairie also offers a natatorium (Kirby Creek) and a sprayground (Splash Factory). The map also shows the location of HOA pools, which meet the aquatic needs of some of the residents of those neighborhoods, and the location of the YMCA pool.



All of Sectors 4 and 5 are located within a 10 minute drive of a pool plus the northern portion of Sector 6 and the southern portions of Sectors 1 and 2. All of Sectors 6 and 7 are located within the service areas of the lake swimming locations.

Areas beyond a 10 minute drive to a pool include:

- The northeastern portion of Sector 2
- The southern portion of Sector 6
- All of Sector 7
- All of Sector 8

Sectors 1 and 2 plus most of Sector 5 and the northern half of Sector 4 are located outside of the service areas for lake access. Only the southern portion of Sector 4 and the northern portion of Sector 6 are located within the service areas of both types of swimming facilities.

Trails

Figure V-12 shows the service area for trails in Grand Prairie based on a 10 minute walking distance to access points to these amenities. Trails of varying lengths are located in 14 parks in Grand Prairie. Additionally, some trails are offered in Sector 7 that are managed by HOAs or PIDs. Based on the map, residents have the best access to trails in Sectors 6 and 7, a portion of Sector 1, and near Grand Central in Sector 4. A trail also travels through Sector 3.

Notable trail deficiencies include:

- Much of Sector 1
- Most of Sector 5
- The northern portion of Sector 4
- The southern portion of Sector 4
- All of Sector 8
- Connections between existing trails



Loyd Park Trail

Figure V-4: Playground Locations and Service Areas

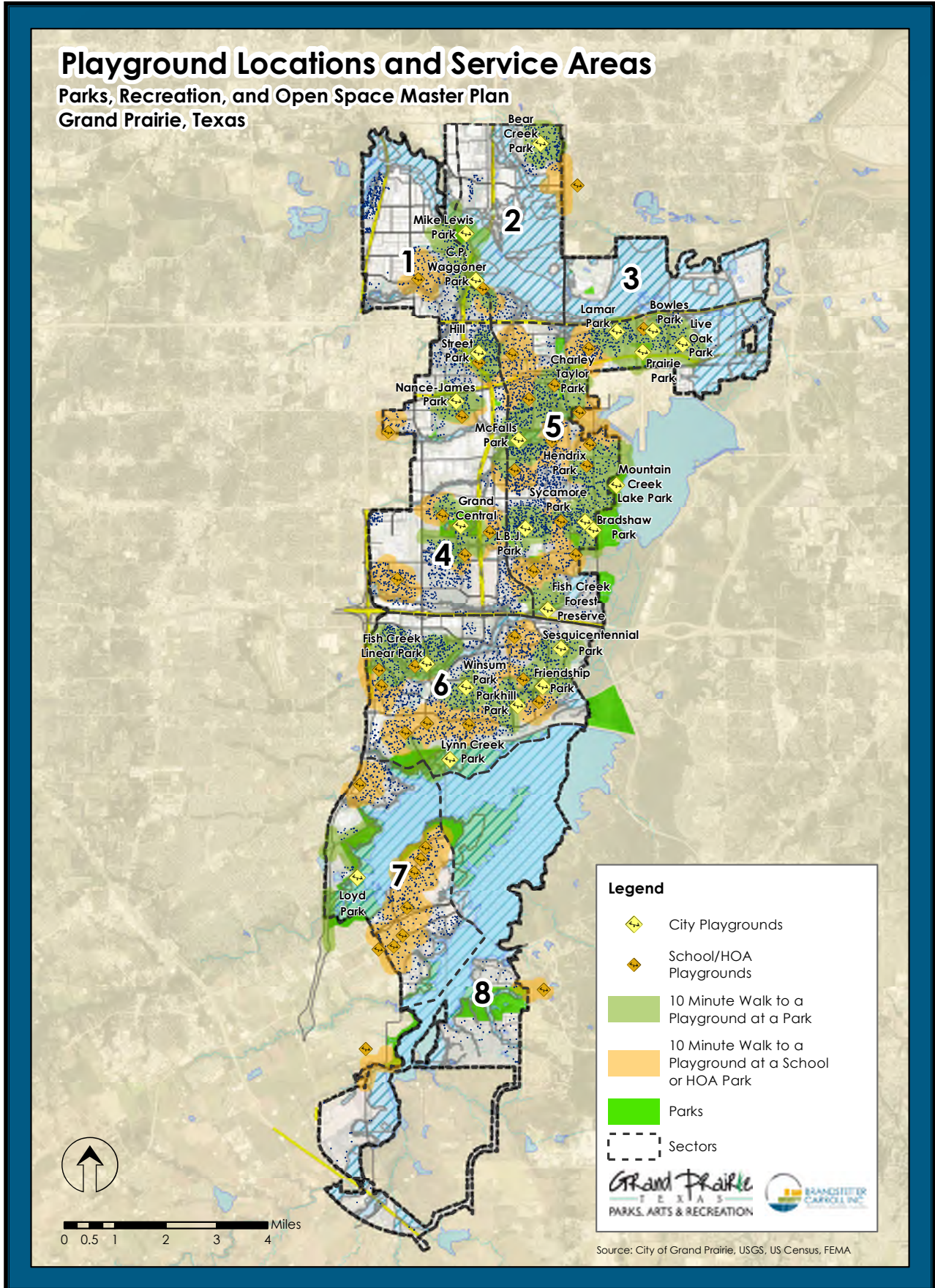


Figure V-5: Outdoor Basketball Court Locations and Service Areas

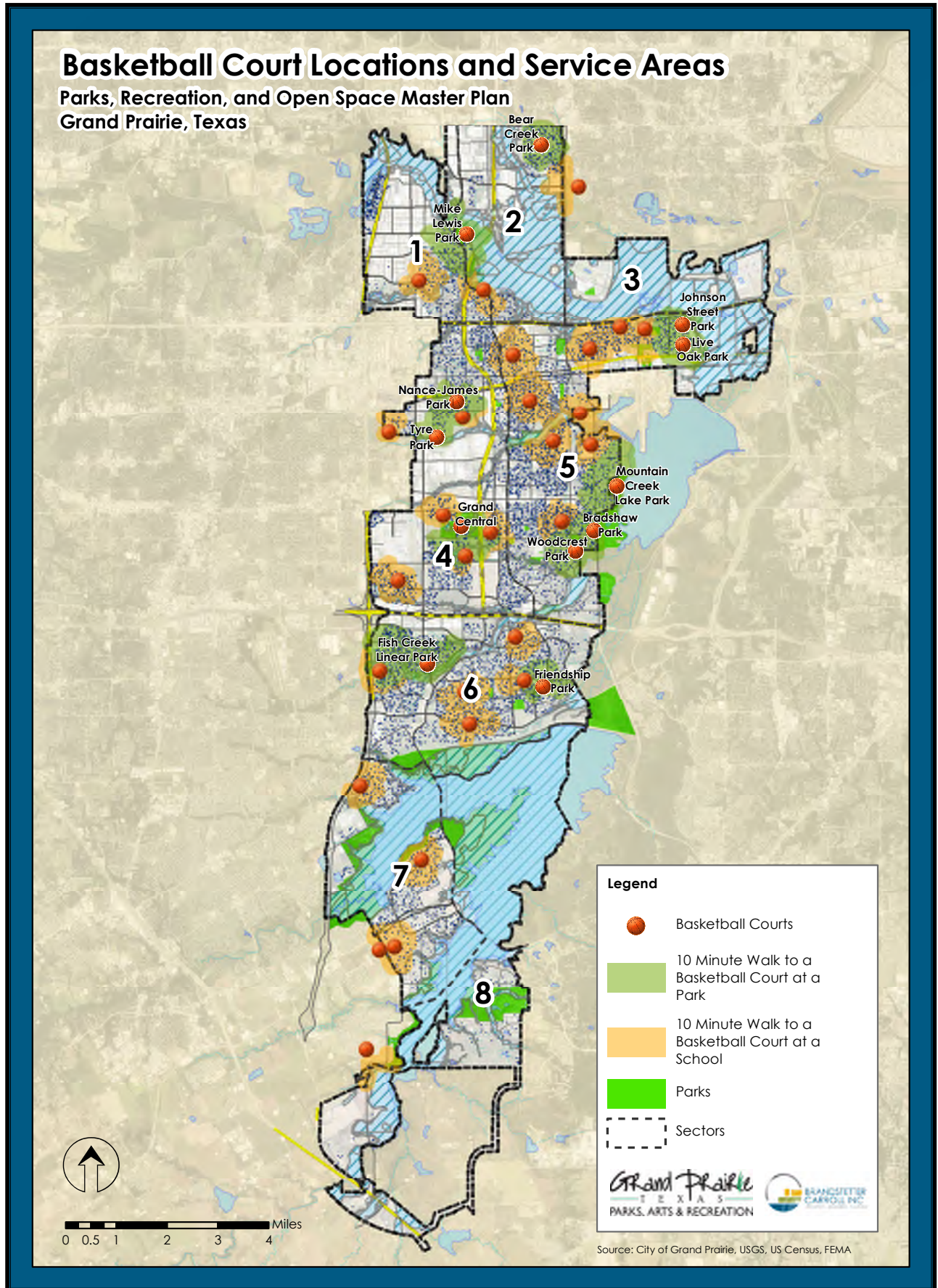


Figure V-6: Pavilion/Shelter Locations and Service Areas

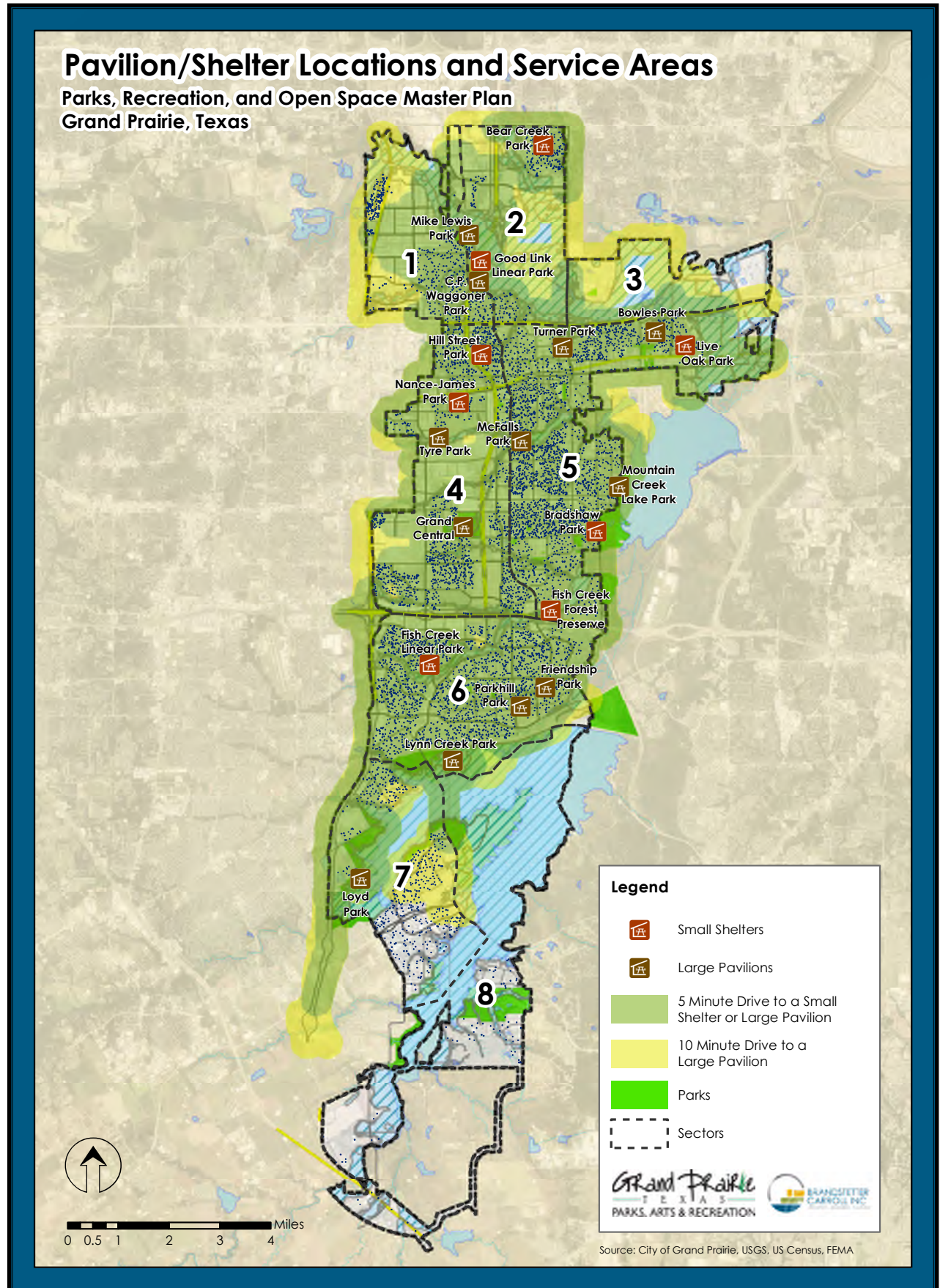


Figure V-7: Ballfield Locations and Service Areas

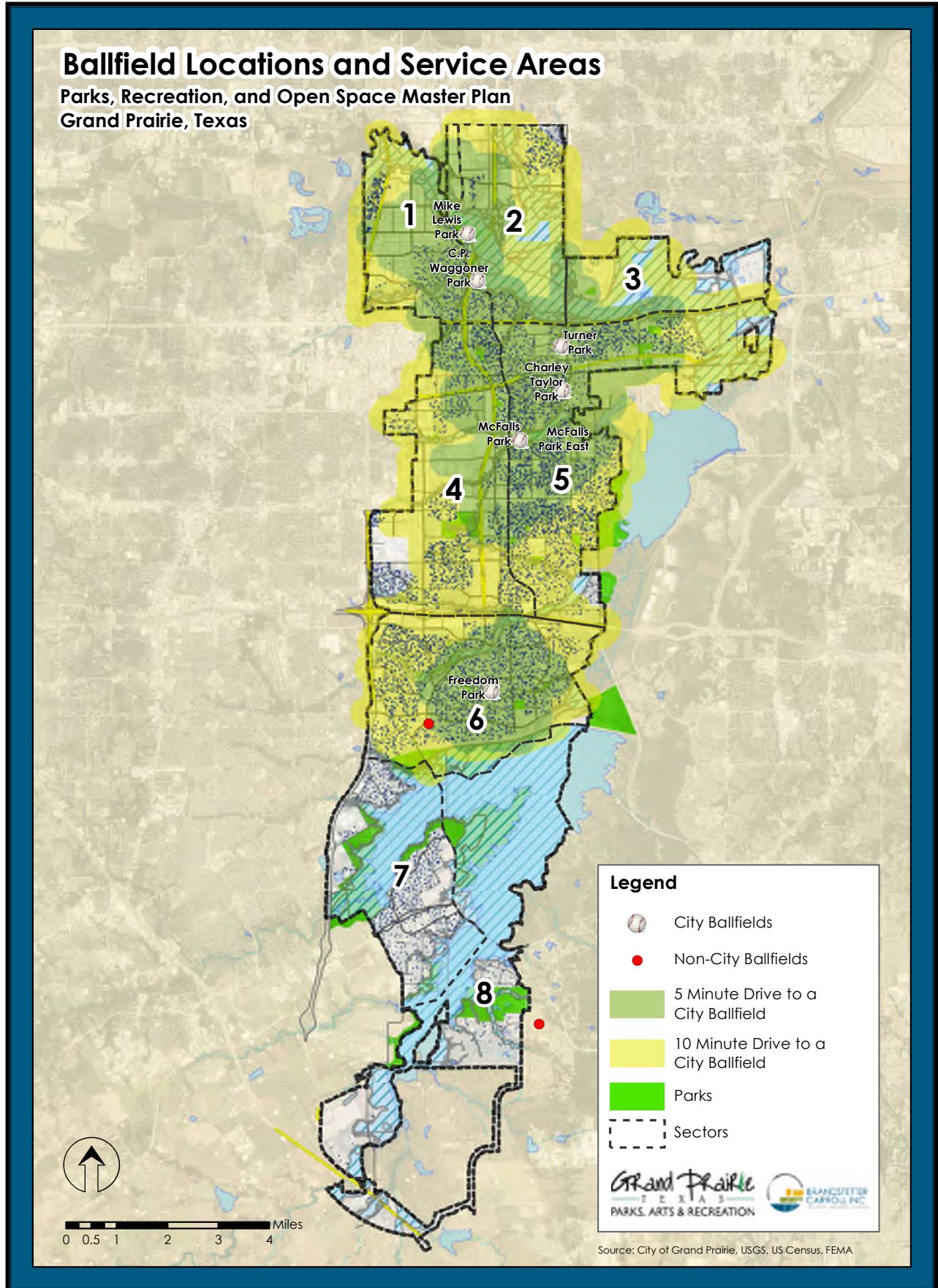


Figure V-8: Multi-Purpose Field Locations and Service Areas

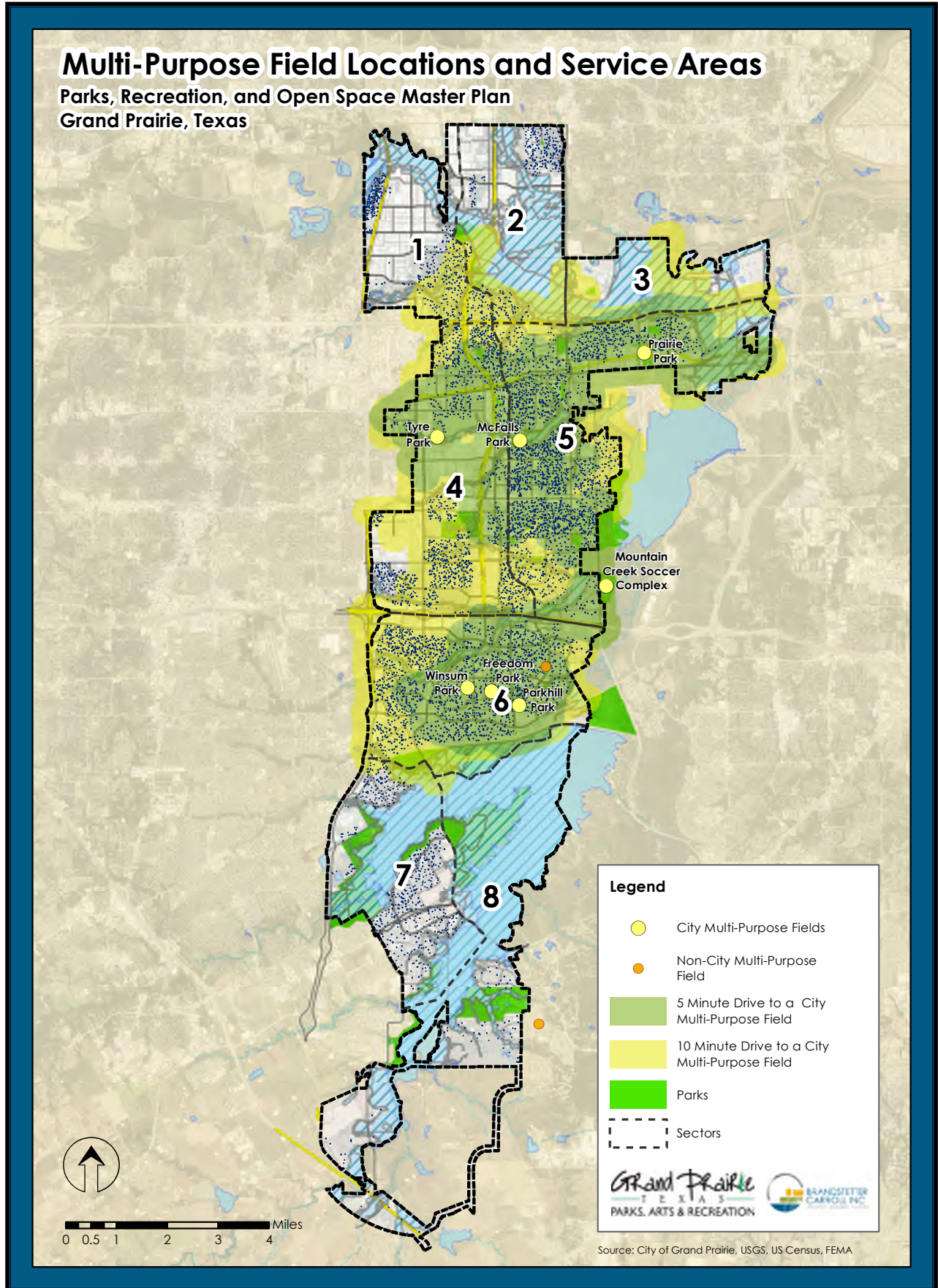


Figure V-9: Tennis Court Locations and Service Areas

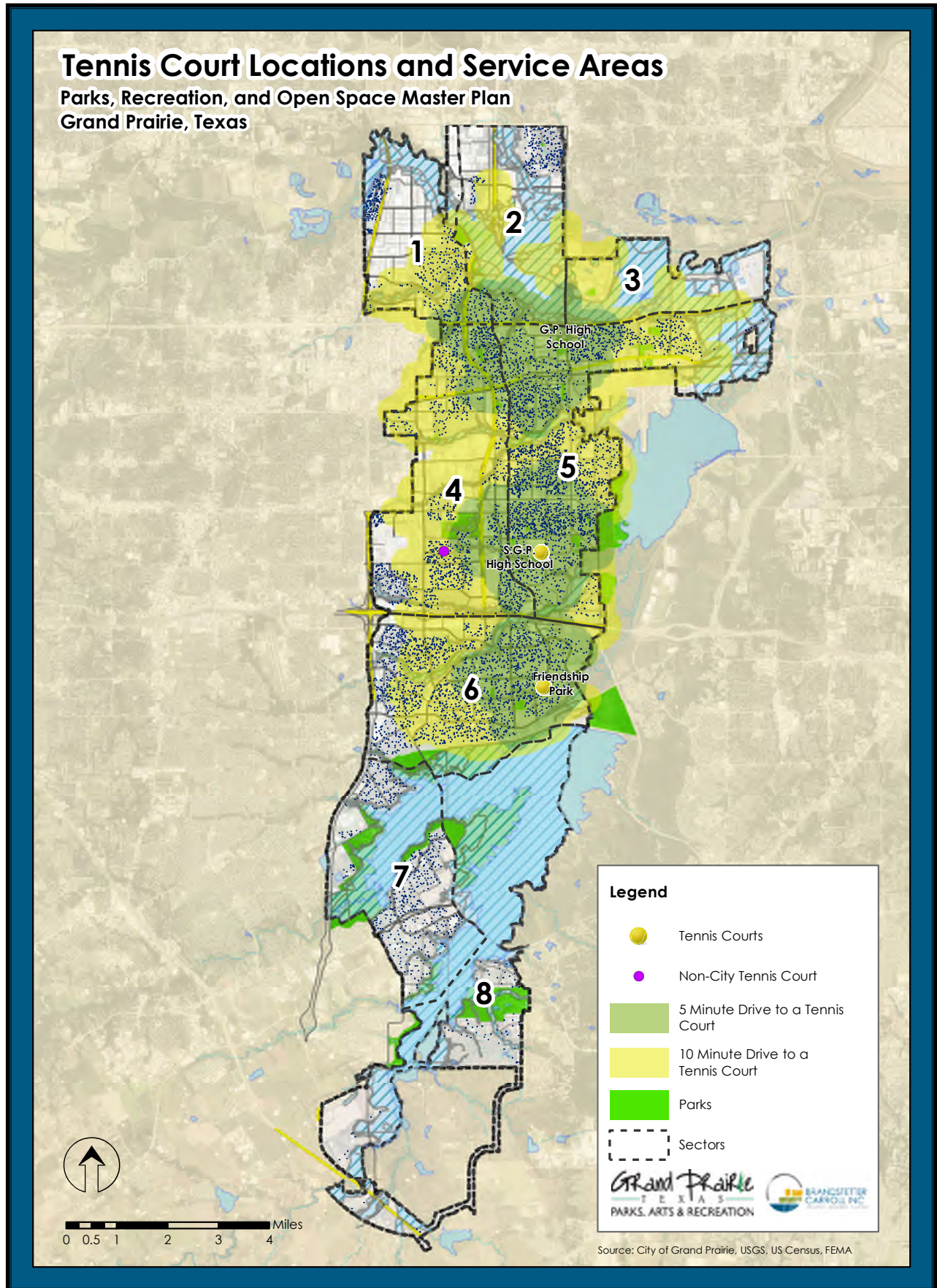


Figure V-10: Recreation Center Locations and Service Areas

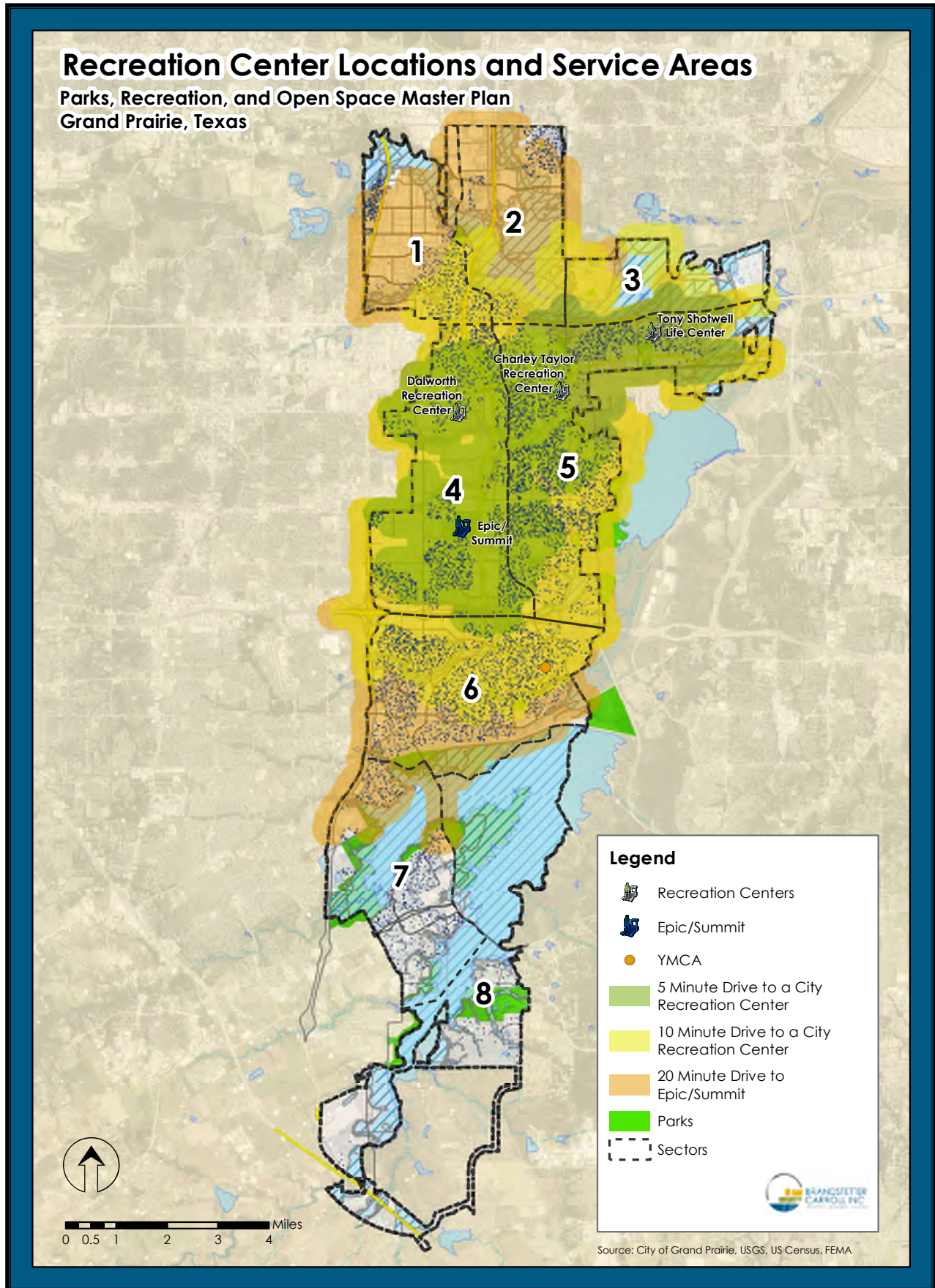


Figure V-11: Swimming Locations and Service Areas

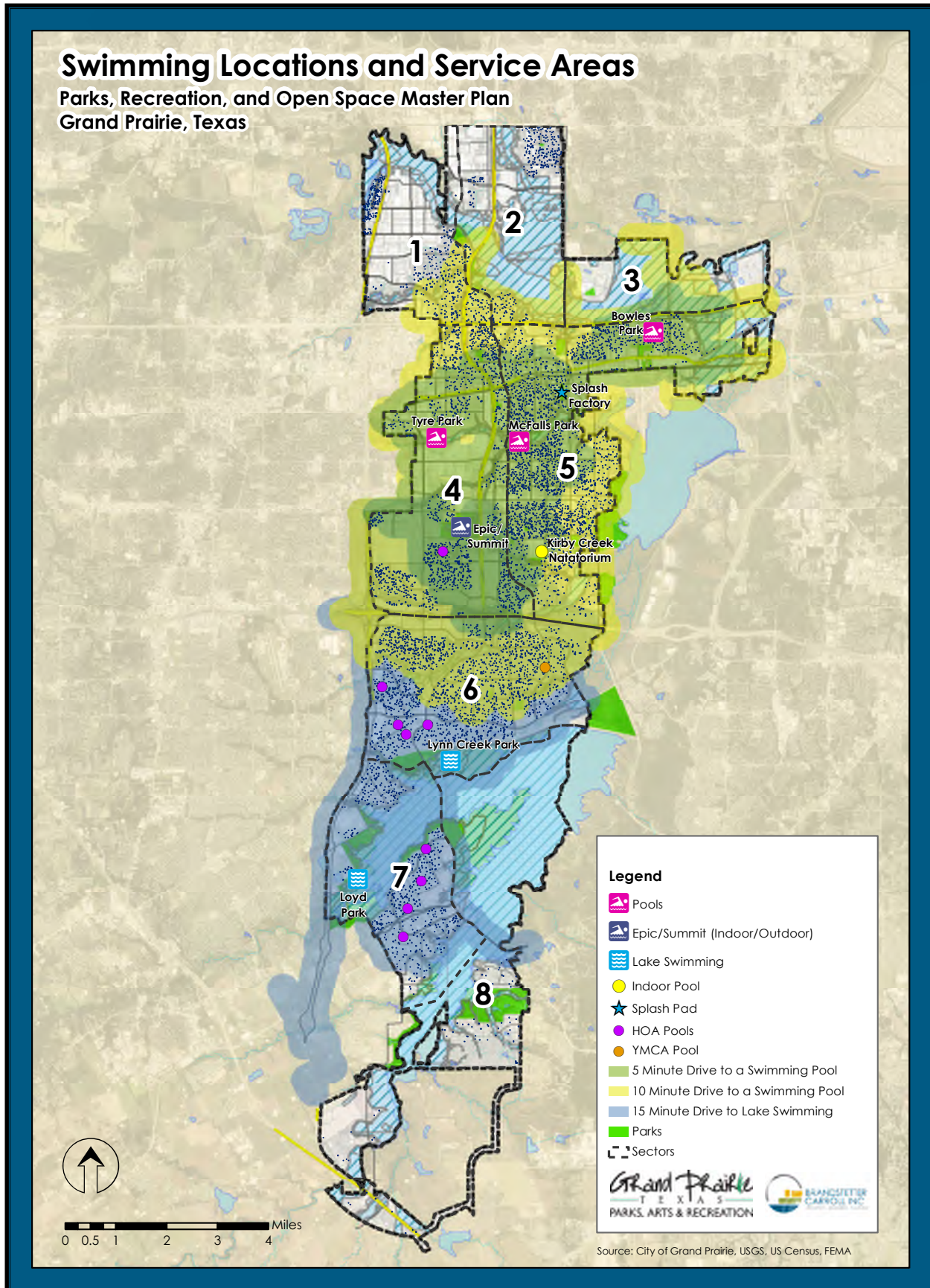
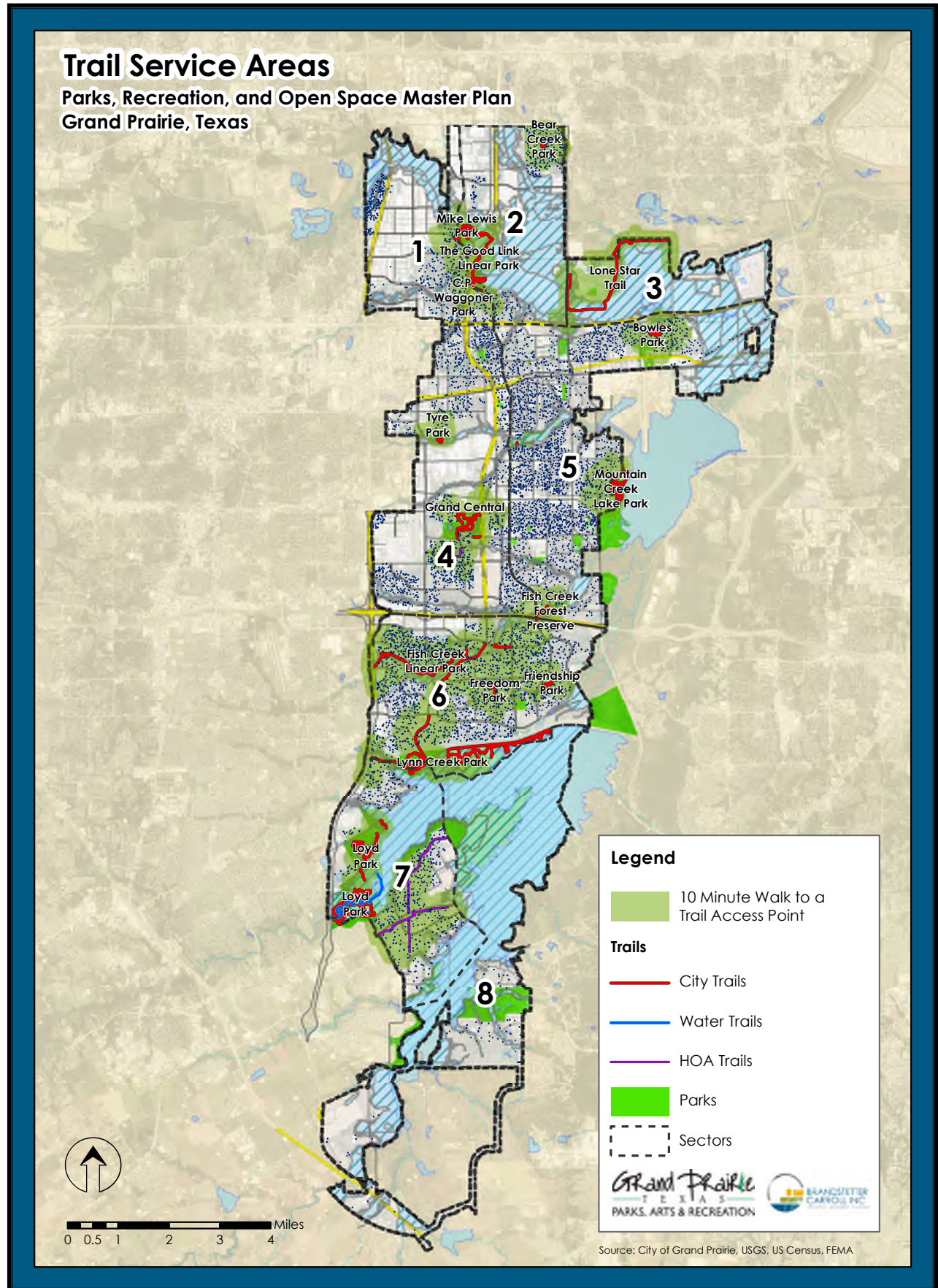


Figure V-12: Trail Service Areas



COMPOSITE GEOGRAPHIC PARK SERVICE AREAS

While the preceding text describes the level of access to park by classification and an assortment of recreation facilities in Grand Prairie, a composite analysis provides a better idea of the overall level of service by location throughout the City. This analysis also includes a comparison of these Composite Service Areas to the Social Needs and Conditions Analysis presented in Chapter II.

Composite Service Areas

Each of the service areas for parks and facilities was assigned a score based on distance from the recreational amenity (e.g., 5 minute drive vs. 10 minute drive), and GIS analysis was used to produce an overlay with a combined score for all areas within the City of Grand Prairie. Figures V-13 through V-15 show composite service areas for the City based on the percentage of overall access to parks and recreation facilities (or percentage of possible points in the analysis). A full description of the methodology can be found in Appendix A.

In the figure, blue areas indicate the highest level of access to parks and facilities, while red areas indicate the lowest level of service. For example, a resident living within blue areas would likely be within a walking distance of a park and a short drive to most of the other facilities described in the previous section.

Based on this analysis, a relatively small portion of the City lies within the highest level of service, but a substantial number of residents live within second highest level of service (60% to 80%), including most of Sector 5 and much of Sectors 4 and 6. Most Grand Prairie residents north of I-20 (Sectors 1 through 5) are located within the middle ranked service area (40% to 60% or higher).

The areas with lower levels of service are highlighted and labeled in the larger maps (Figures V-14 and V-15). Residents in the lowest service areas are primarily located in the southern portion of the City as the low service areas in the north part of Grand Prairie have few residents. However, some areas with low to medium service level scores are located in areas in the northern part of the City as well. With a few exceptions (areas "L" and "M" added, area "F" removed), the lowest scoring the lowest in this analysis were the same as those indicated as having park service gaps in Figure V-2. The most notable areas to consider for additional facilities based on this analysis are (location on Figures V-14 and V-15 in parentheses):

- The northeastern portion of Sector 2 (L)
- The southeastern portion of Sector 1 (A)
- The northwestern portion of Sector 4 (B)
- The central portion of Sector 5 (C)
- The southwestern portion of Sector 4 D)
- The southeastern portion of Sector 5 (E)
- The southern portion of Sector 5 (M)
- The southwestern portion of Sector 6 (G)
- The south central portion of Sector 6 (H)
- All of Sector 7 (I and J)
- All of Sector 8 (K), if more residential areas are developed
- The ETJ, if more residential areas are developed

The percentage of the population living within each of the composite service areas, plus the percentage of land area, can be seen in Table V-6. Based on this table, only 7% of the population lives in the areas with highest service level (80% to 100%); however, 52% of the population lives within the first or second highest ranking. Eighty-two (82%) of the population lives in middle ranked service areas (40% to 60%) or higher.

While 35% of the City of Grand Prairie is located in the areas with the lowest level of service, only 8% of the population lives in these areas. Adding park and facilities to the bulleted areas above, including at existing parks, would greatly increase the percentage of the population living within the better served areas.



Shotwell Life Center

Table V-6: Population by Composite Service Area

Percent Score	Proportion within Composite Service Area			
	Population	Cumulative Population	Area	Cumulative Area
80% to 100%	7%	7%	4%	4%
60% to 80%	45%	52%	20%	24%
40% to 60%	30%	82%	23%	46%
20% to 40%	10%	92%	19%	65%
0% to 20%	8%	100%	35%	100%

Priority Improvement Areas

While the Composite Service Areas analysis helps identify portions of Grand Prairie with lower levels of access to parks and recreation service, the Social Needs and Conditions Analysis (Chapter II) provides assistance in identifying locations in Grand Prairie with the greatest need for public services, including parks and recreation facilities. The combination of these two analyses helps to identify areas within Grand Prairie that have both high social needs and low levels of service to park and recreation facilities.

A map showing the areas of Grand Prairie that have higher levels of social need and lower levels of access to parks and recreation facilities can be seen in Figure V-16. The portions of the City showing needs in this combined map may be in need of special consideration for park improvements. Based on this figure, the following areas show high of medium levels of combined need:

- The northeastern portion of Sector 2 (L)
- The northwestern portion of Sector 4 (B)
- The southwestern portion of Sector 4 (D)
- The central portion of Sector 5 (C)
- The southeastern portion of Sector 5 (M)

CONCLUSION

The analysis conducted throughout this chapter serves to provide an indication of need for parks and recreation services in Grand Prairie. The analyses indicates that a variety of parks and facilities are located throughout the City; however, not all amenities exist in sufficient quantities and many are not evenly distributed throughout Grand Prairie.

The level of service standards in the first part of this chapter, which were developed with consideration to public input from residents of Grand Prairie, provide guidelines for the amount of additional parks, open space, and recreation facilities needed in Grand Prairie. The levels of service standards by sector, combined with the geographic analysis of service areas, identifies specific areas to target for investment in additional parks and recreation facilities. The mapping analysis helps to identify specific locations for potential improvements. These needs could be met through the development of new parks (possibly on property already owned by the city) or through the development of additional facilities at existing parks. The analysis from this chapter and the preceding chapters provides the foundation for the specific recommendations presented in Chapter VI.

Figure V-13: Composite Park Service Levels

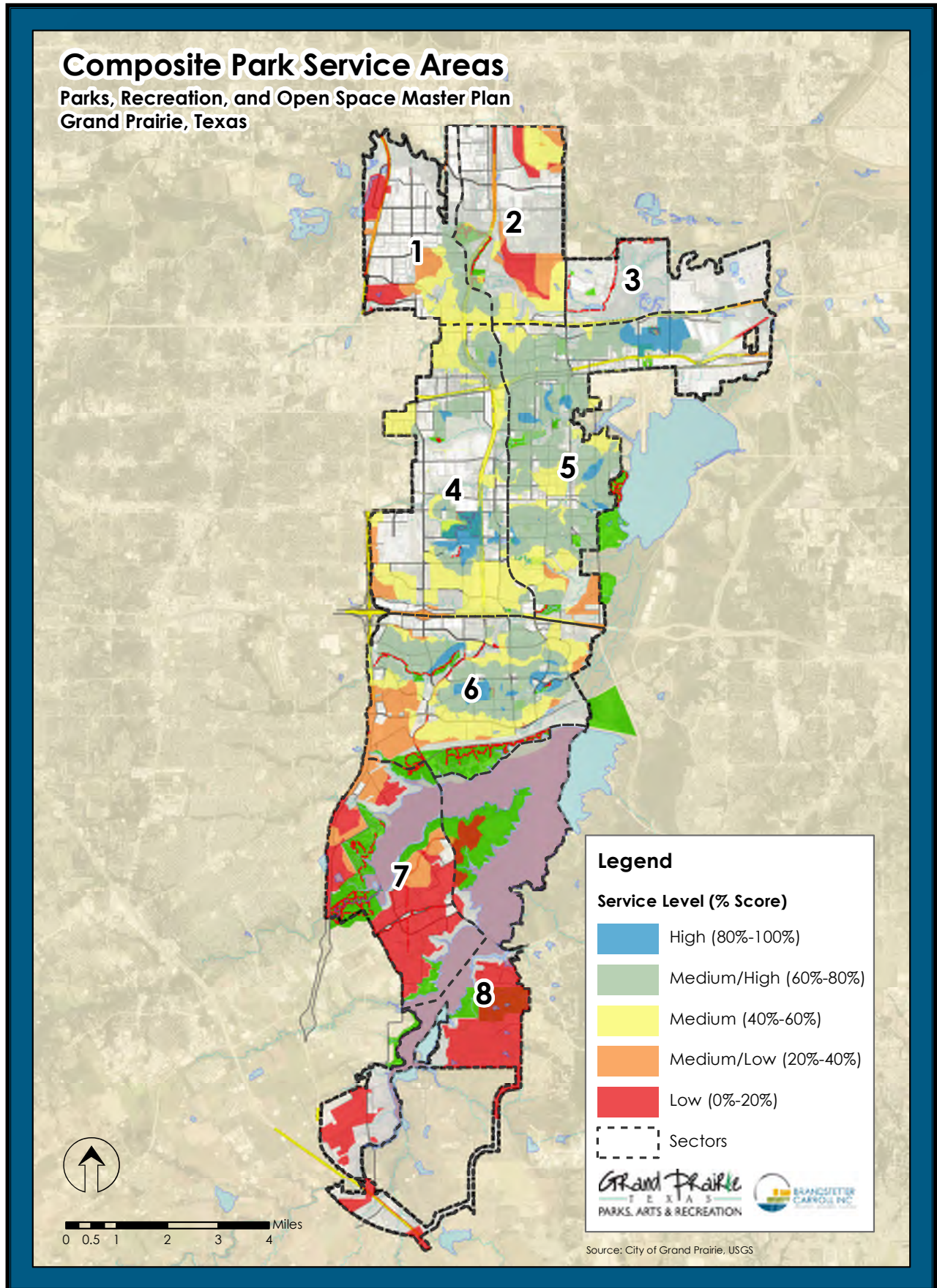


Figure V-14: Composite Service Areas (North)

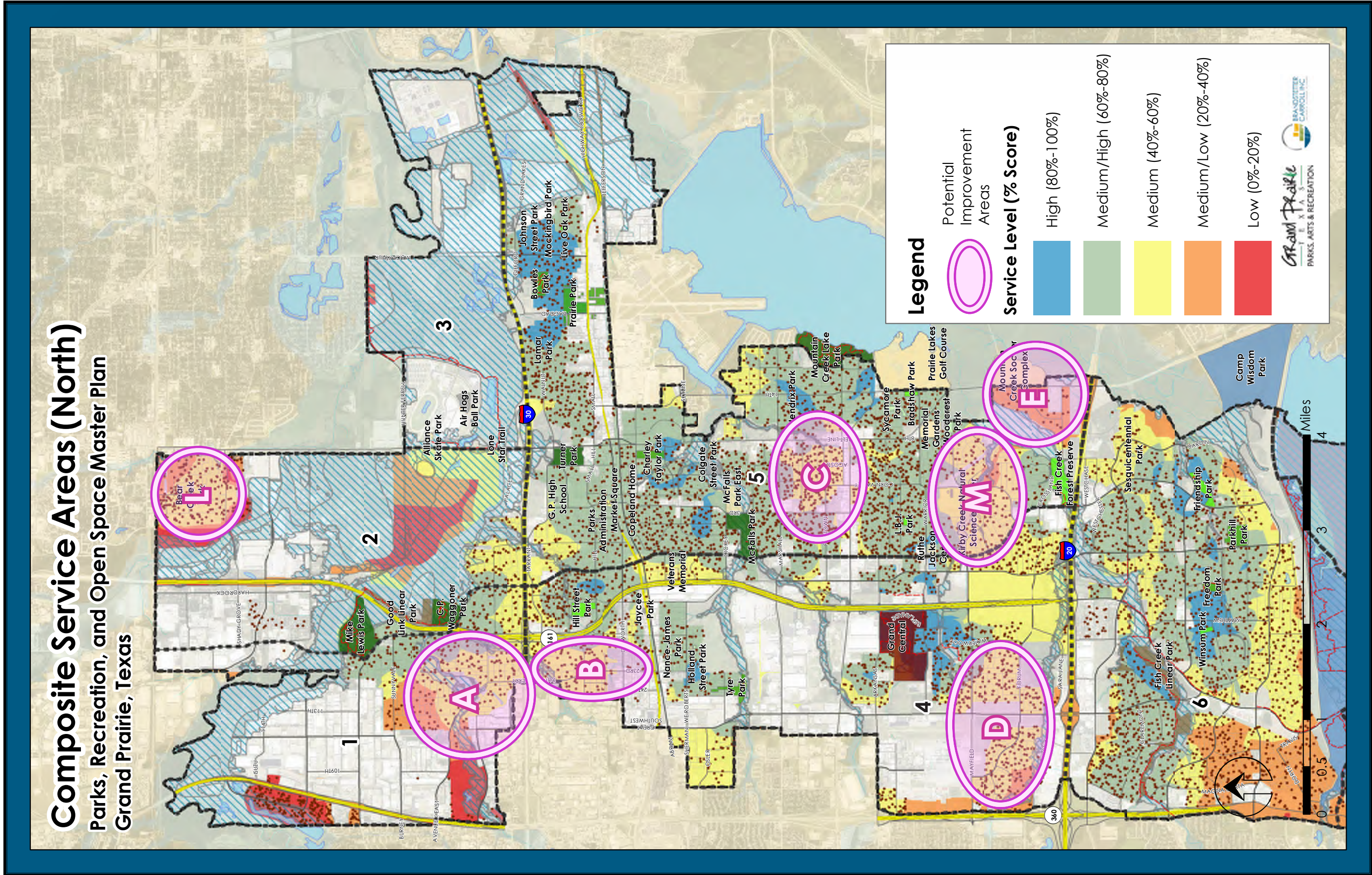


Figure V-15: Composite Service Areas (South)

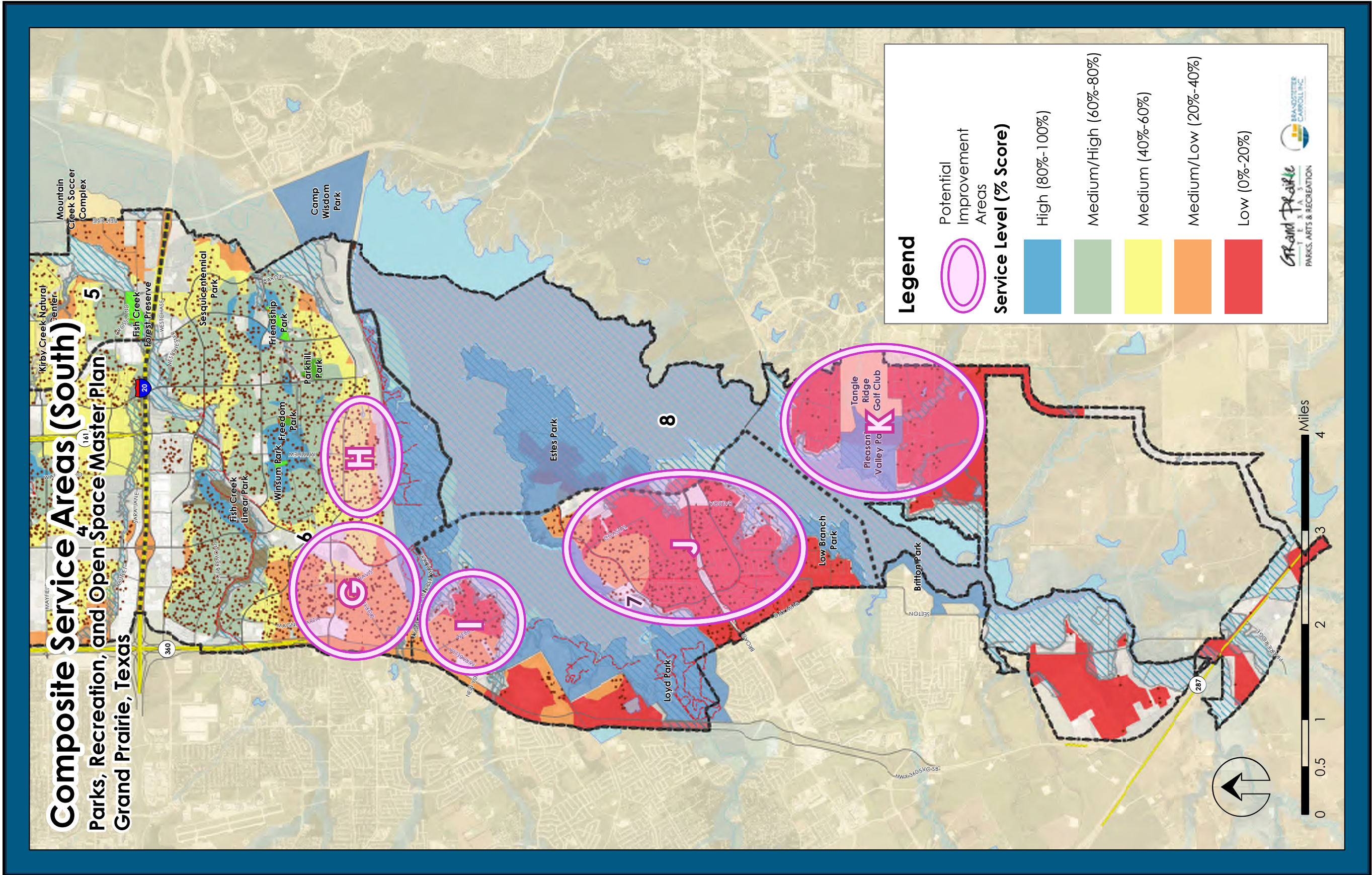
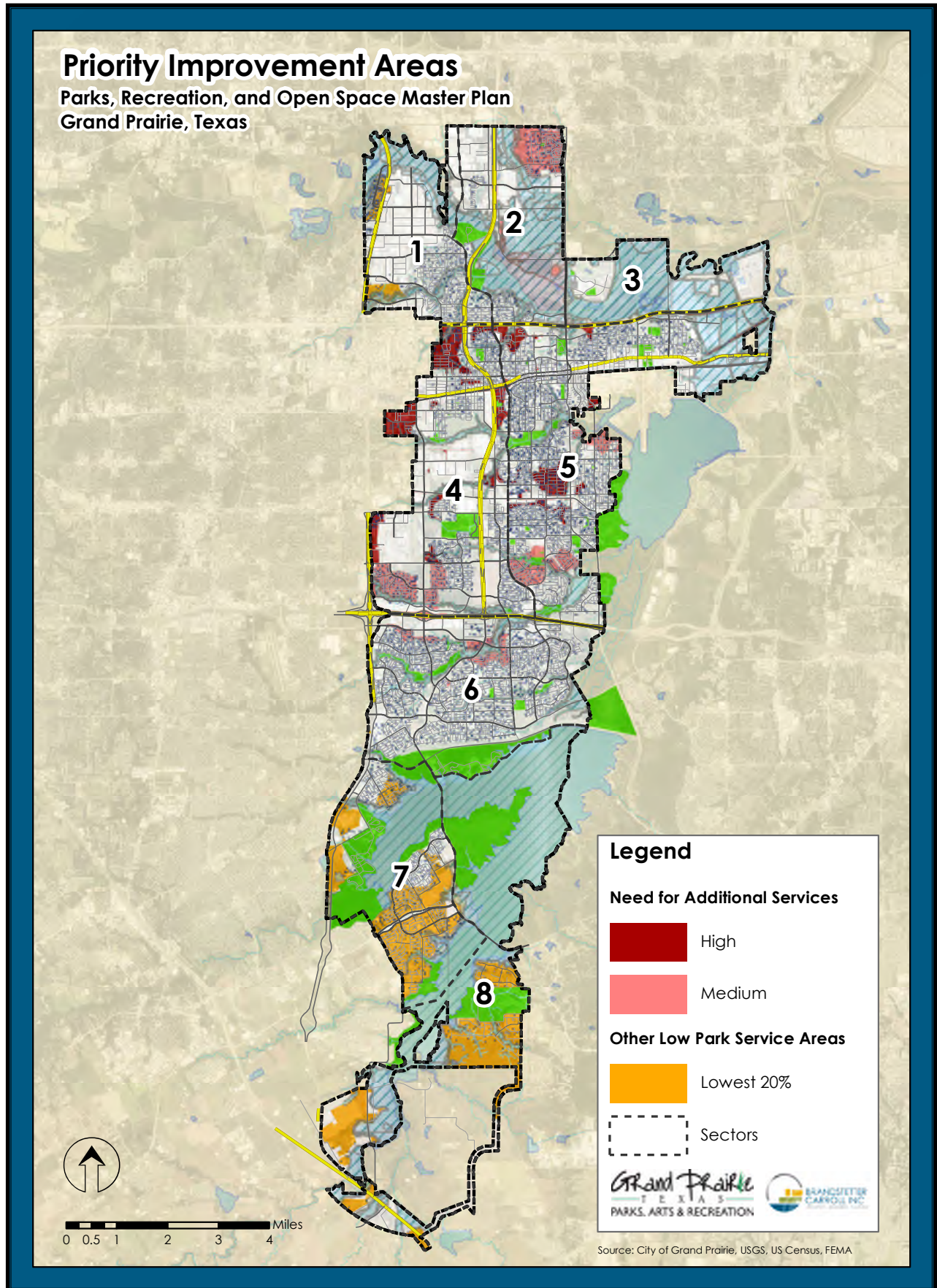


Figure V-16: Priority Improvement Areas







Section VI
Strategic Plan

VI. STRATEGIC PLAN

INTRODUCTION

This master plan represents the collective vision for parks, recreation, and trails for Grand Prairie. This cohesive vision for continually improving parks and recreation opportunities represents a culmination of the engagement process. The vision (with guiding principles) and the mission statement outlined below will guide implementation of this master plan and the future of parks, recreation, and trails in Grand Prairie. The vision and mission statement lead directly to a series of goals and objectives to help realize this vision.

AGENCY VISION

“Creating a Grand Park System”

The vision of the Grand Prairie Parks, Arts and Recreation Department represents the department's envisioned future. It is intended to be aspirational and future oriented, representing the impact the department seeks to have on the community in the years ahead. This vision represents the department's desire to play a key role in convening residents, visitors and businesses of Grand Prairie in a way that provides opportunity to positively change lives. These changes may be realized in the form of positive health, wellness, safety, cultural, social and/or economic improvements.

AGENCY MISSION

Enhance the quality of life and create community through people, programs, places and partnerships

The mission of the Grand Prairie Parks, Arts and Recreation Department represents the department's purpose and reason for existence. The department is dedicated to enhancing the quality of life in Grand Prairie through the unique contributions that parks, arts, recreation and open space has to offer the community.



Monarch Butterfly Release

PARKS, RECREATION, AND OPEN SPACE PLAN (PROSP) VISION

Enhance life experiences for our evolving community by providing a comprehensive and sustainable system of parks, recreation and open space

The Project Discovery 2026 plan (park and recreation system master plan) is a comprehensive plan that provides guidance and policy direction for the future of the City's parks, recreation and open space resources. More specifically it emphasizes how the City will deliver park, arts and recreation services in a manner that is consistent with the goals and objectives outlined in the City's Comprehensive Plan. This plan's vision represents the impact the department seeks to achieve in the years ahead. By implementing the goals and objectives outlined in this plan, the department seeks to enhance the lives of the community through the provision and management of a comprehensive and sustainable system.

PARKS, RECREATION AND OPEN SPACE PLAN (PROSP) VALUES

In seeking to realize the vision and fulfill its mission, the department is committed to operating in a way that demonstrates the following core beliefs and values.

Creating Life Experiences

We believe in the value of parks and recreation and the amazing impact it has on the lives of our residents and the community as a whole. We are committed to developing and managing parks, spaces, places and programs that allow people to improve their physical and mental health, strengthen family bonds, unite neighbors with one another, create a sense of pride and community, and positively impact the economic value of our city.

Meeting Evolving Needs

We believe that all people – regardless of their ethnicity, age, gender, income level, or ability – should have access to programs, facilities, places and spaces that enhance their lives. We believe that it is not a privilege, but a right for people to have safe and ready access to a broad range of programs and services that meet their ever changing needs. We are committed to not just reacting to, but also anticipating, innovating and delivering quality life experiences that benefit the entire community. We believe in breadth, depth and balance of services to meet the needs of our beautifully diverse city.

Ensuring Stewardship and Sustainability

We are committed to the preservation, conservation and stewardship of the land, water, and other natural, and cultural resources of Grand Prairie. Our parks play a critical role in preserving valuable resources and habitats, protecting clean air and water, providing open space for current and future generations, and preserving the cultural heritage of our community. We are equally committed to the sustainable development and operation of our developed and improved areas of the park system. We take seriously the role we play as stewards of these resources and are committed to managing them in an environmentally, socially, and fiscally responsible fashion.



PARKS, RECREATION AND OPEN SPACE PLAN (PROSP) GOALS AND OBJECTIVES

To realize the vision of the Project Discovery 2026 plan, the department developed a set of goals and objectives. The goals represent areas of strategic priority and desired outcomes while the objectives indicate how the goal will be accomplished over the course of the planning period. More detailed action plans will be developed on an ongoing basis that delineate specific projects, activities and measurements for determining success.

Sustainability

Goal: Preserve, Conserve and Sustain!

Targeted Outcome: Grand Prairie has a balanced and sustainable parks, recreation and open space system.

Objectives:

1. Acquisition – Plan for and implement a comprehensive and balanced park space acquisition strategy.
2. Preservation and Conservation – Provide for the preservation and conservation of environmental and cultural resources.
3. Development and Improvement – Improve and develop world class parks, facilities and services.
4. Safety and Security – Implement levels of service and standards that ensure the highest level of safety and security.
5. Viability – Plan for, invest in, and implement management and operational practices to maintain quality experiences and financial sustainability.



Doak Farms at Market Square

Community

Goal: Connect, Convene and Thrive!

Targeted Outcome: Grand Prairie connects people, places and spaces in a way that produces a vivid sense of pride, belonging, and engagement.

Objectives:

1. Trails and Linkages – Plan, develop and maintain a multi-use trails system that provides opportunities for health, wellness, discovery, alternative transportation and connection to local and regional points of interest.
2. Spaces and Places for Community Gathering – Provide community gathering spaces that develop pride, identity and a sense of community.
3. Health, Social and Economic Impact – Contribute to individual and community-wide health, wellness, cultural and economic impact through parks, places, spaces and programs.

Equity

Goal: Engage, Listen and Serve!

Targeted Outcome: Grand Prairie residents, visitors and businesses have easy and equal access to an array of parks, programs and services that meet their diverse and changing needs.

Objectives:

1. Universal Access for All – Engage, identify needs, remove barriers, and enable access to quality life experiences for all residents, visitors, and businesses.
2. Diversification of Indoor and Outdoor Features – Plan for and deliver a broad spectrum of parks, programs and services that appeal to the diverse and evolving needs of the community.

Innovation

Goal: Originate, Invent and Lead!

Targeted Outcome: Grand Prairie is recognized as a parks, recreation and open space trendsetter.

Objectives:

1. Innovative Planning, Development and Management – Break the status quo to develop and deliver cutting edge parks, facilities, programs, and services.
2. Leadership – Lead the community, state, region and nation in providing innovative parks, arts, and recreation offerings.

Collaboration

Goal: Coordinate, Collaborate and Partner!

Targeted Outcome: Grand Prairie maximizes collaborative relationships and engagement strategies to generate solutions and successes that could not otherwise be achieved alone.

Objectives:

1. Partnerships – Maximize relationships and partnerships with private/public, local, state, regional and national entities to best meet the current and future needs of the community.
2. Community Engagement – Provide ongoing opportunities to engage the community to raise awareness, plan for and constantly improve upon the quality of parks, recreation, and open space offerings.



Section VII
Plan Implementation & Prioritization of Needs

VII. PLAN IMPLEMENTATION AND PRIORITIZATION OF NEEDS

INTRODUCTION

The Plan Implementation and Prioritization of Needs chapter describes the overall recommendations of the Project Discovery master plan, which are intended to help accomplish the vision as presented in the Strategic Plan and Goals (see Chapter VI). This chapter provides details for recommended improvements to parks, facilities, and trails in Grand Prairie. Changes to operations and programs are also presented in the ensuing text.

The chapter begins with recommendations for the City of Grand Prairie as a whole, including strategies for acquisition and facility development (indoor and outdoor). Next, see Chapter VIII for the Action Plan with specific strategies and timeframes for attaining each of the goals and recommendations of the Project Discovery 2026 Plan.



Parachute Racing

CITYWIDE RECOMMENDATIONS

Citywide recommendations focus on the acquisition and development of new parks in underserved areas, protection of natural areas and resources, and the development of facilities as needed to meet unmet needs throughout the community. This section describes general concepts and overall needs for facilities. Specific locations for these facility developments can be found later in this chapter in the section under the heading “Individual Park Recommendations” and in the cost estimates located at the end of the chapter.

Acquisition and New Parks

In order to meet the current and future needs of Grand Prairie residents, the City will need to acquire additional land for parks and open space. Public input and the service area analysis indicated the need for additional facilities, including new parks, in many areas throughout the City. In some areas, existing parks or underutilized park property could be utilized; however, many of the facility needs are located in areas of the City where the Grand Prairie Parks, Arts, and Recreation Department does not currently own any land.

1. Acquisition Strategies

Overall, the Grand Prairie Parks, Arts, and Recreation Department will need to increase its land holdings by a minimum of 400 acres of parkland over the next ten years (or 40 acres per year) in order to maintain the existing 25 acres per 1,000 population guidelines, as identified in Chapter V. This target represents a minimum goal, as it does not meet the individual deficits for each sector, which would require approximately 2,500 acres. Although meeting the specific targets for each sector may not be feasible, additional efforts should be made to attempt to meet these and to balance acquisition throughout the City. The land acquisition targets should be part of a comprehensive park development strategy that meets the specific local needs of each sector.

Special emphasis will be needed for acquisition of land in annexed areas in order to ensure the provision of parks (and other public services) within the required three-year period. The Department should continue to participate in the development process as allowed by Resolution 3924 in order to acquire property for parks, open space, and trails in both annexed and existing parts of the City. Finally, the land acquisition process should provide special consideration to floodplain areas to preserve existing open space and to provide passive recreational opportunities (linear parks and natural areas).

Potential land acquisition should accomplish one or more of the following:

- Protection of natural resources

- New park development
- Preservation of existing open space
- Development of trail corridors and linkages

2. New Park Development

Based on the service areas analysis in Chapter V, additional parks are needed in several locations in Grand Prairie. According to parkland guidelines in (Chapter V), Grand Prairie will need approximately 600 acres of additional developed parkland by 2026 to meet the needs of the City's growing population.

Based on the analysis in this master plan, seven (7) additional Neighborhood Parks and four (4) larger Community or City Parks should be developed within the current Grand Prairie City limits over the next 10 years. In addition to these parks in existing areas, two (2) Neighborhood Parks and (1) Community Parks should be developed in the ETJ, when those areas are developed.

Additionally, one additional Lake Park (Estes) should be developed over this timeframe. The recommended developments at Pleasant Valley Park are more characteristic of a Community or City Park than of a Lake Park, although some Lake Park elements will likely be included in the final design.

The recommendations for new parks are listed below with the corresponding letters, originally presented in Figure V-3. Figure VII-1 also shows the locations of new parks (including existing properties recommended for additional development) to meet the needs of unserved areas. Estes Park is also indicated to meet the needs for additional Lake Park development. Although Estes Park is located in Sector 8, improvements at this park will meet the local needs of Sector 7.

Neighborhood Parks

- Northwestern Sector 4 (B)
- Central Sector 5 (C)
- Southwestern Sector 4 (D)
- Southeastern Sector 5 (E) – Mountain Creek Soccer Complex (land to south)
- North-central Sector 6 (F)
- South-central Sector 6 (H)
- Northwestern Sector 7 (I)
- ETJ (Not Shown) – Two (2) Locations



Fish Creek Forest

Community Parks (or Larger)

- Southeastern Sector 1 (A) – Great Southwest Park
- Southwestern Sector 6 (G)
- Somewhere in Sector 7(J)
- Sector 8 (K) – Pleasant Valley Park
- ETJ (Not Shown)



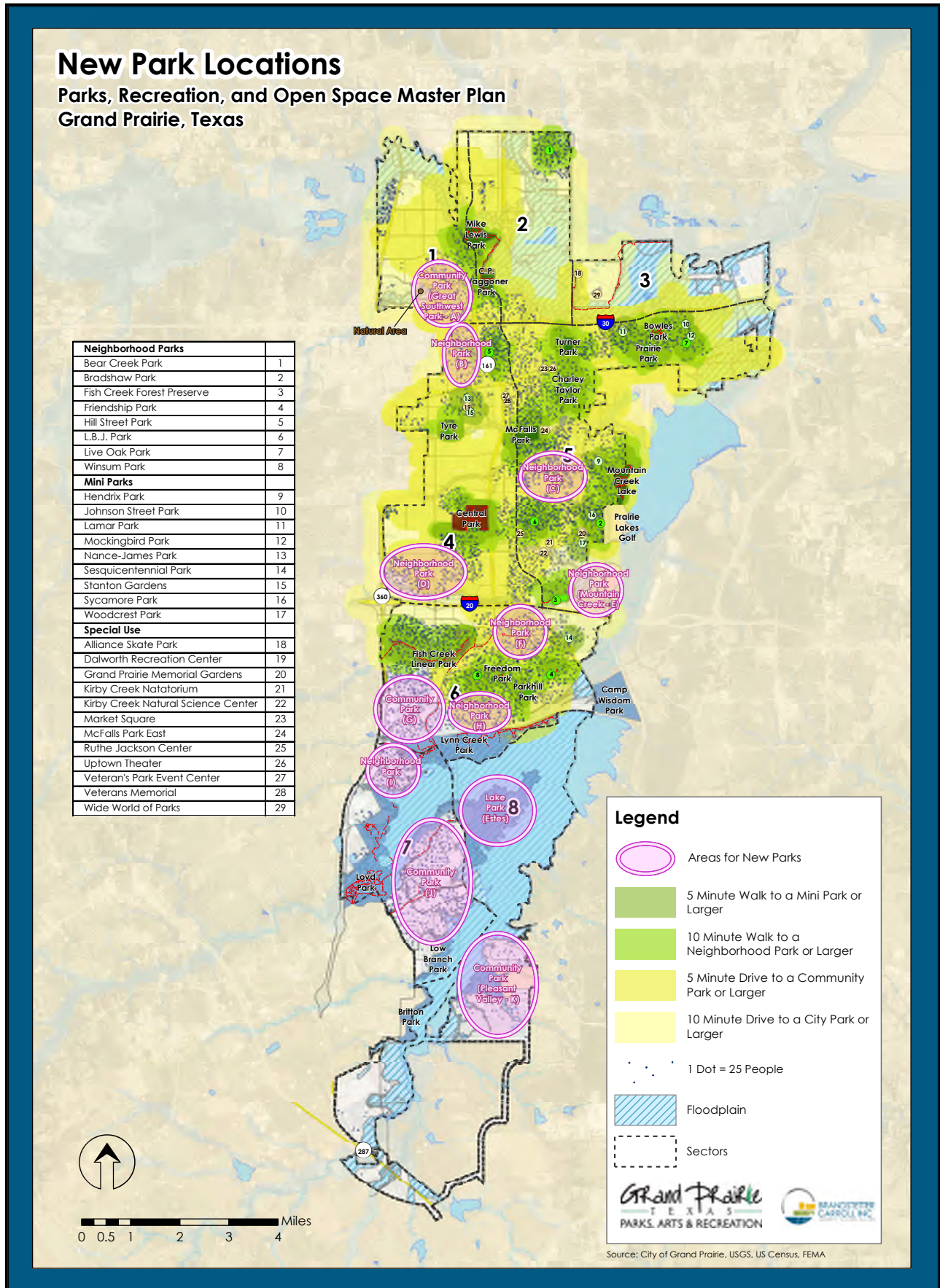
Lynn Park

Lake Parks

- Estes Park Sector 8 (may also meet needs of J)

These recommendations begin to meet the additional needs by park type as identified by the developed acreage guidelines in Chapter V, while allowing for future needs throughout the City as they develop. The guidelines in Chapter V indicated the need for 10 additional neighborhood parks, five (5) new Community Parks, two (2) new City Parks, and one (1) new Lake Park.

Figure VII-1: New Park Locations



Conservation and Sustainable Development

Future development should place emphasis on conservation of resources and sustainable development. These efforts are necessary in order to ensure that natural areas and resources are available throughout Grand Prairie for all residents. As part of the overall strategy, the City should develop two manuals to guide future actions:

1. A Conservation Policy and Procedures Manual
2. An Environmental Best Management Practices (BMPs) Manual (focused on Sustainable Development)

The Conservation Policy and Procedures Manual should identify goals and methods for natural resources conservation at Lake Parks and any future Nature Parks, while the Environmental Best Management Practices (BMPs) Manual should outline sustainable development practices. These standards should be consistent with the recommendations of the City's Comprehensive Plan. Additionally, the Department should promote conservation and sustainability efforts to encourage local businesses and residents to implement these strategies.

These standards should emphasize:

- Preservation of resources to promote ecosystems services (air and water quality, hazard mitigation, wellness and educational opportunities, etc.)
- Landscape standards for the local climate (Such as "Texas Smartscape" strategies)
- Natural drainage for stormwater runoff
- Use of recycled construction materials
- Design that conforms to natural site topography

A variety of existing guidelines and rating systems exist that the Grand Prairie Parks, Arts, and Recreation Department can incorporate into its overall sustainable development strategy. The most common manual for the sustainable development of structures is the Leadership in Energy & Environmental Design (LEED) rating system, administered by the Green Business Certification Inc. (GBCI), which is part of the US Green Building Council (USGBC). The Sustainable Sites Initiative (SITES) rating system (also administered by GBCI) is a relatively new series of guidelines that focus on the sustainable development of sites instead of structures. These standards provide excellent reference material when considering BMPs and can be employed during future site development.

Trail Plan

Grand Prairie currently offers over 45 miles of trails, but only 4.4 miles are located outside of park properties. Through the public input process, many residents reported unmet needs for trails. Walking and hiking trails (paved and unpaved) and bike trails were the top activities that residents would use more often if facilities were available.

The Parks and Recreation Needs Assessment Survey (Mail Survey) results showed the largest number of households in Grand Prairie with unmet needs for walking and hiking trails (over 24,000) and paved bike trails (over 19,000). Sixty-four percent (64%) of households reported that they had a need for walking and hiking trails, and 45% reported a need for paved bike trails. These results represent a very strong desire for more trails in parks and a system of integrated trails in Grand Prairie. The potential trail routes recommended throughout



Mountain Creek Park (Blue Bonnets)



Family on Trail

Grand Prairie over the next 10 to 20 years are presented in Figures VII-2, VII-3, and VII-4.

1. Trail System

Although Grand Prairie has begun developing a system of trails, the City has not previously developed a long-term trail system plan. The proposed system of paved shared-use trails consist of a series of primary routes and connecting spurs. The plan shows a combination of shared-use trails (red dashed line), wide sidewalks (blue dashed line), park trails (dotted black line), and on-road bike routes (violet dashed line). The goal of the trail plan is to provide a system of interconnected trails in Grand Prairie with a priority placed on linking Grand Prairie neighborhoods to schools, parks and recreation areas, and other destinations within the City. The trails are also intended to connect to the North Central Texas Council of Governments (NCTCOG) regional Veloweb.

The Veloweb is a regional network of interconnected off-street trails for bicycle commuters, providing access to employment centers, schools, shopping, and parks.¹ Some portions of the Veloweb have been completed, but most segments are still in the planning stages. The Parks, Arts, and Recreation Department has worked with NCTCOG and other cities to create links to the Veloweb, including the Fish Creek and Lone Star Trails. Regional existing and planned trails are also shown in the maps, because it will be necessary for Grand Prairie to coordinate with these adjacent communities to plan connections to the regional network. Connections that need to be planned with other communities are shown on the maps with red arrows.

2. Definitions and Design Guidelines

All proposed shared-use trails (red dashed line) should be at least 10 feet wide (12' preferred) wherever site conditions allow; however, a width of 8 feet may be acceptable along some segments where conditions do not allow for the recommended 10 feet. In heavy use locations, trails should be wider than 10 feet to reduce conflict.

The proposed trail maps also show some "wide sidewalks" (blue dashed line). These segments represent locations through neighborhoods where the recommended width (10 feet) is likely unobtainable. Additionally, due to the large number of driveways and intersections, faster moving traffic is better suited to the street. Accordingly, these "wide sidewalk" segments should be developed in parallel with a designated "bike route" with signage on the adjacent roadway.

Finally, a few segments are indicated as "bike route" (thinner violet dashed line) which are intended to indicate locations where on-road connections are needed because no suitable off-road alignments are available. More detailed design guidelines can be found in Appendix B. The City of Grand Prairie and the Parks, Arts, and Recreation Department should update trail specifications to match those outlined in this master plan and should continue to ensure all trails, including those developed by a HOA/PID, conform to these standards.

A summary of the definitions are as follows:

- Shared-Use Trail – Minimum 10, preferably 12 feet wide (unless conditions limit)
- Wide Sidewalk – 6 to 8 feet wide with adjacent bike route
- Bike Route – On-road connection (bike lane or bike route)

3. Connectivity Goals and Route Descriptions

Figure VII-4 highlights the primary routes that are part of the proposed trail plan for Grand Prairie. These potential routes include north-south connections, allowing users to travel from the southern end of the City to the northern boundary with Irving, and east-west routes, allowing users to travel from Arlington and Mansfield to Dallas and Cedar Hill. These connections will also allow residents of Grand Prairie and the other cities to more easily access nearby amenities. Additionally, most routes utilize existing public properties and rights-of-way; however, some routes will require acquisition of land or easements prior to development.

The primary potential routes presented in the map include (not in order of priority):

- A. Runs north/south route connecting from the existing trail along Lake Ridge Parkway to a major employment center in the north (Lockheed Martin, etc.) – Sectors 4 and 6

¹ City of Grand Prairie 2010 Comprehensive Plan

-
- Passes through Fish Creek Linear Park and Grand Central
- B. Continues Route A to the northern boundary of Grand Prairie and the regional network – Sectors 2 and 5
- Passes through McFalls, Mike Lewis, and Waggoner Parks
 - Connects to The Promenade shopping center, Crosswinds High Schools, the Lone Star Trail, and the industrial park in northern Grand Prairie
- C. Links Grand Central to Mountain Creek Soccer Complex and a future unplanned connection to the regional network – Sector 5
- Passes through Fish Creek Preserve and Mountain Creek Soccer Complex
 - Connects to the commercial area along S Carrier Pkwy, Andrew Jackson Middle School, Dubiski Career High School, Grand Prairie School for the Highly Gifted, and Thurgood Marshall Leadership Academy
- D. Connects Fish Creek Linear Park to Fish Creek Preserve or Route A to Route C – Sector 6
- Connects to Florence Hill Elementary School and Fish Creek Preserve
- E. Runs north/south along 4th St and Corn Valley Rd from S Carrier Pkwy (Route C) to McFalls Park (Route G) – Sector 5
- Connects to McFalls Park, Seguin Elementary School, Kennedy Middle School, large commercial district at Pioneer and Corn Valley, South Grand Prairie High School, and Kirby Creek Natatorium
- F. Functions as an east/west link in the northern part of the City, linking to the main north/south route (B) – Sector 5
- Passes through Turner and Prairie Parks
 - Connects to Grand Prairie High School, the Park and Ride, Bowles Park, Fannin Middle School
- G. Forms an east/west link between Mountain Creek Lake Park and the main north/south trail (Routes A and B) – Sector 5
- Passes through McFalls Park
 - Connects to a major employment center, Seguin Elementary School, Williams Elementary School, Bill Arnold Middle School, Mountain Creek Lake Park
- H. Continues main north/south route from Lynn Creek Park (connecting to existing Lake Ridge Pkwy trail) to the boundary with Cedar Hill – Sectors 7 and 8
- Passes through Lynn Creek and Estes Parks
 - Connects to Anna May Daulton Elementary School (via connecting trail) and Cedar Creek State Park (unplanned)
 - Crosses two bridges over Joe Pool Lake, making the completion of the route contingent on upgrades to those bridges and likely long term
- I. Creates a loop around the southern portion of Joe Pool Lake – Sectors 7, 8, and ETJ
- Passes through Low Branch, Britton, and Pleasant Valley Parks
 - Connects to future development and future regional connections (unplanned)
- J. Links Loyd Park to existing trails in Lynn Creek Park and along Lake Ridge Pkwy
- Connects to Loyd Park, Lynn Creek Park, Cabaniss Elementary, and a future unplanned connection to the regional network
- K. Forms an east/west link from Lake Ridge Pkwy to Camp Wisdom Park and Lynn Creek Park
- Passes through Camp Wisdom Park
 - Follows a utility easement
-

Figure VII-2: Proposed Trails (North)

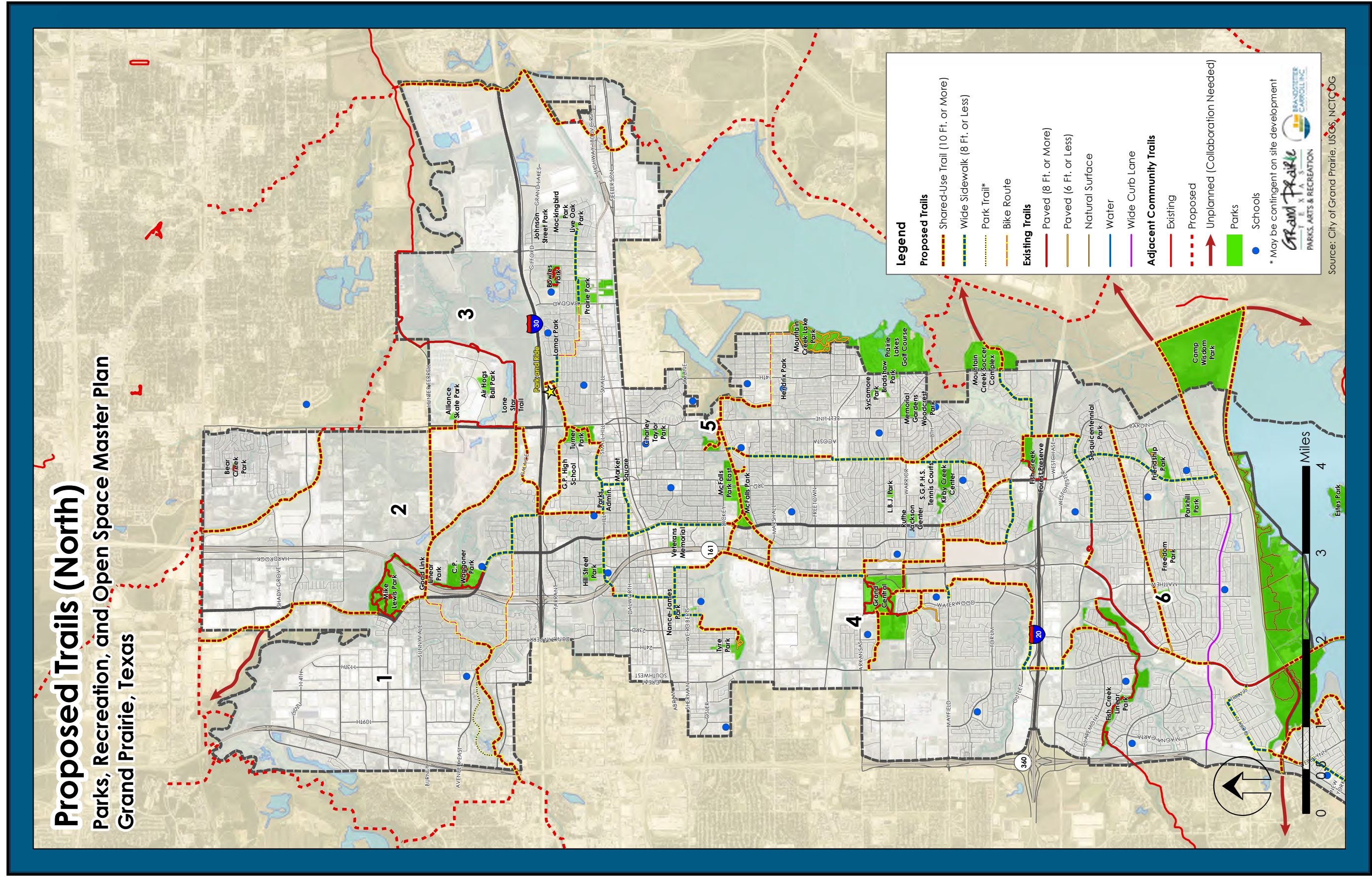


Figure VII-3: Proposed Trails (South)

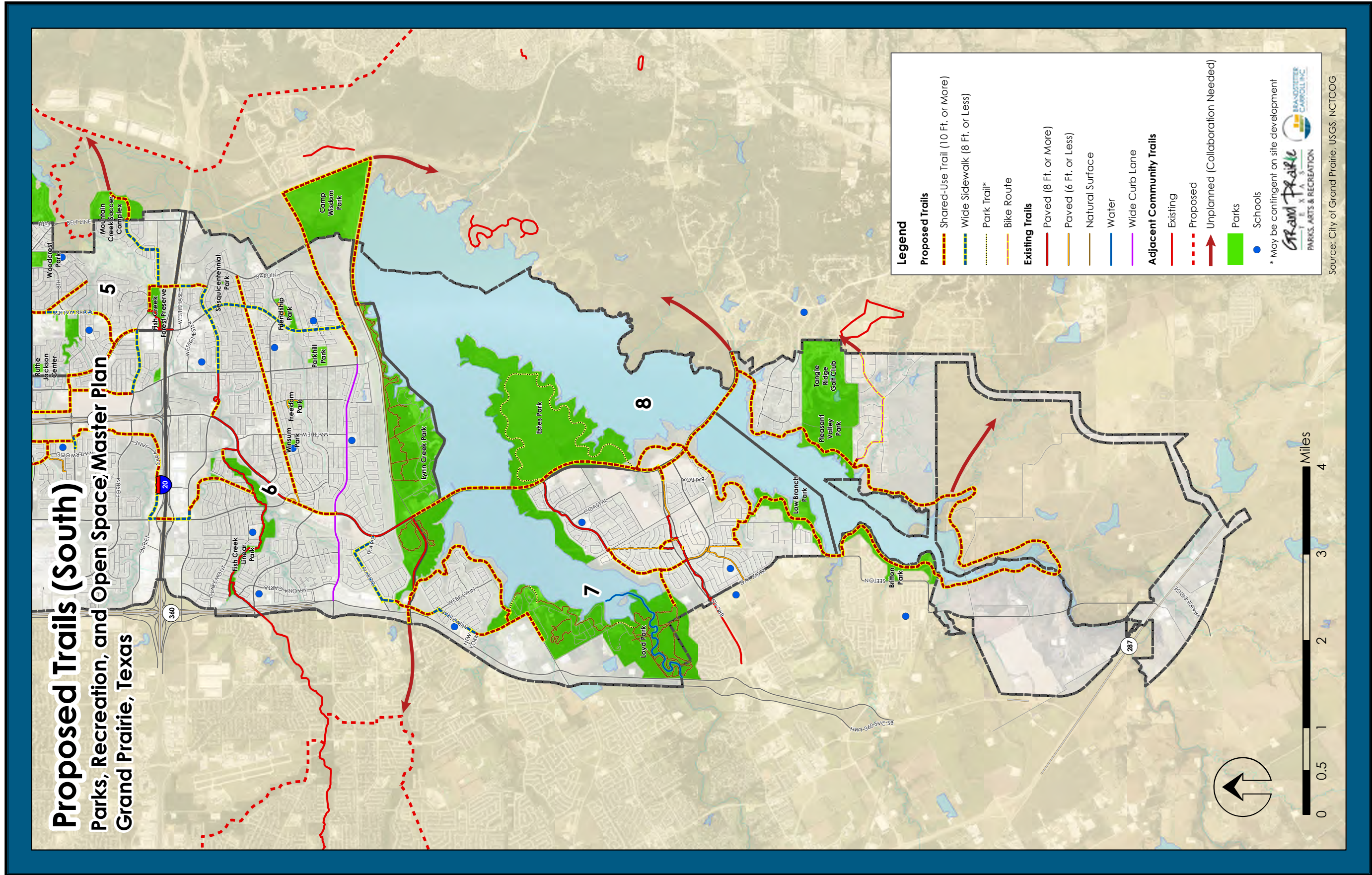
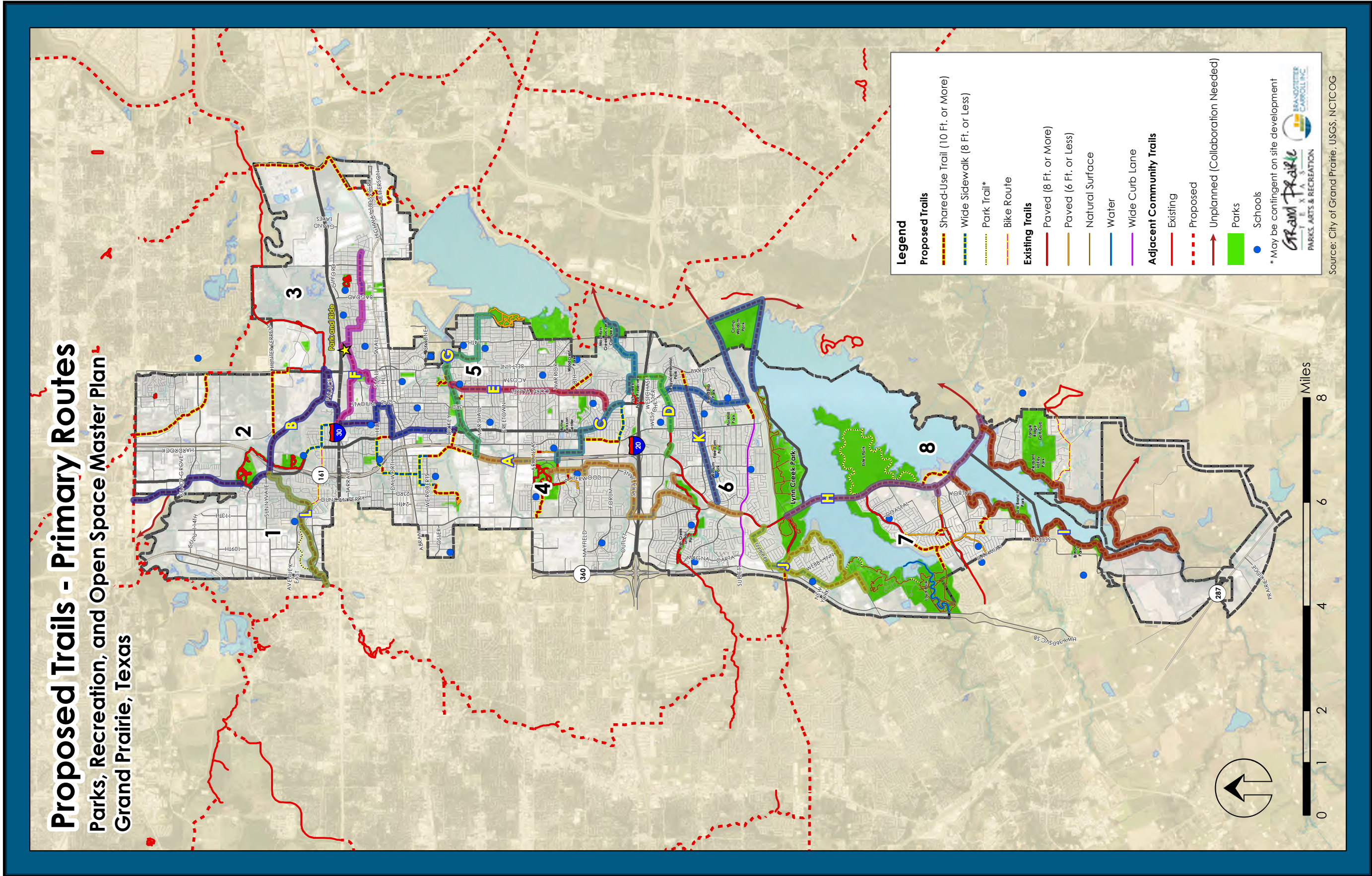


Figure VII-4: Proposed Trails – Primary Routes



-
- Connects to Route A (main north/south route), High Hawk HOA Park, Dickinson Elementary, Trailwood Village shopping center, Winsum Park, Freedom Park, Ronald Reagan Middle, Friendship Park, Parkhill Park, Camp Wisdom Park, future unplanned connections to the regional network, and Lynn Creek Park
- L. Continues Route B from Mike Lewis Park to the City Boundary and future regional connections
- Passes through the future park development at the former Great Southwest Golf Course
 - Connects to the Good Link Trail, Mike Lewis Park, Larson Elementary, the industrial park in northwest Grand Prairie, and future connections to the regional network

Portions of the regional network that pass through Grand Prairie are also included in the maps, although Grand Prairie residents are not likely to be the primary users. Several links to the primary routes are also included in the maps, which connect to other destinations throughout Grand Prairie. Overall, the trail corridors identified in the Proposed Trails maps (Figures VII-2 and VII-3) represent approximately 70 miles of additional shared-use trails, plus another 17 miles of wide sidewalks.

In order to develop all of these potential routes by 2037 or approximately 20 years, Grand Prairie would need to add four (4) miles of trail every year. Accordingly, the 10-year goal for this master plan would be 40 miles of additional trails. This target is quite ambitious, considering the existing total of approximately 4.4 miles of multi-use trails throughout the City of Grand Prairie. In order to accomplish this goal, funding will be required beyond the capital budget of the Grand Prairie Parks, Arts, and Recreation Department.

The City's Comprehensive Plan encourages Grand Prairie to "pursue all reasonable funding sources and participate with other parties and governmental agencies, like the North Central Texas Council of Governments (NCTCOG)." Regional as well as federal and state funding will likely be required for the City to realize the system of interconnected trails recommended in this master plan. Grand Prairie should continue to collaborate with HOAs and PIDs to implement many of the recommendations in new residential areas, including the use of requirements or incentives for developing trails in accordance with this plan. The City will also need to work with HOAs and PIDs to improve existing trails to Department standards and guidelines as some of the existing trails are not suitable for use by bicyclists. Cost estimates for each of the trail routes are provided in Appendix H.

4. Prioritization and Connections

The City of Grand Prairie should prepare a prioritization and development schedule for the implementation of the trail recommendations of this master plan. This schedule will need to be updated annually (at a minimum) based on the availability of funding. Priorities will evolve based on the priorities of adjacent communities and other development within Grand Prairie. For example, the trails along the bridges crossing Joe Pool Lake are currently a low priority, as they require replacement of the bridges. However, if replacement of these bridges becomes a reality in the future, these links should become top priorities. Finally, the routes (A-L) outlined in the previous section will need to be implemented in segments due to funding requirements, development schedules, and acquisition timelines.

Additional links and on-road elements are needed to maximize access to the system of trails presented in this master plan. In order to provide these elements, the City of Grand Prairie should complete the portions of the recommended (in the Comprehensive Plan) Bike and Pedestrian Master Plan not included in this document.

The trail recommendations of this master plan should be incorporated into the Bike and Pedestrian Master Plan, which will also determine on-road elements and sidewalks that link to the citywide trail network described in this chapter. The development of this Bike and Pedestrian Master Plan will involve the Parks, Arts, and Recreation Department and other City departments. The following factors should be considered (from the Comprehensive Plan):

- Development Standards for off-street and on-street facilities
- Ramps at connection points
- Bicycle signage
- Standards for striping bike lanes and crosswalks
- Bicycle Safety Guidelines with outreach programs
- Bike racks and water fountain placement

- Trail maps that clearly define multi-use trails from on-street bike routes
- Pedestrian push buttons at intersections
- Street furnishings
- Traffic calming measures

5. Park Trails

Additional trails and trail improvements are recommended at many parks. These recommendations are included below under the heading “Individual Park Recommendations.” Park trails should be provided throughout Grand Prairie to ensure that all residents have opportunities for exercise and interaction with nature. Some park trails are shown on proposed trails maps (dotted line) because they connect to the proposed trail system. A brief description of the types of park trails is provided below, and more details about the design guidelines for each trail type can be found in Appendix B.

Walking trails have paved or crushed-stone surfaces and are designed to provide a low difficulty walking environment for users with an emphasis on accessibility for all users, including those with mobility impairments, families with strollers or wagons, or other users desiring a firm, stable surface with minimal grade changes. In addition to wheelchair bound users, these trails provide access for users with canes, walkers, crutches, or other equipment, also serving those recovering from injuries. These trails also provide access to park features such as shelters to which users might need to deliver event materials (coolers, gifts, food, etc.) which may be challenging on more difficult terrain. Walking trails should meet ADA guidelines and should be between six and eight feet wide.

Hiking and mountain bike trails are natural surface trails designed for specific users. However, additional uses can be allowed on these trails where desirable and conflict can be avoided. The width and maximum slope of these trails varies depending on the difficulty and level of use of each trail. The Grand Prairie Parks, Arts, and Recreation Department should develop trails of varying difficulty levels to provide a range of opportunities for residents.

Citywide Facility Priorities

These facility improvement priorities represent a summary of the highest priority needs throughout the City of Grand Prairie and are separated into three categories: parks and system-wide Improvements, outdoor facilities, and indoor facilities.

1. Parks and System-Wide Improvements

- Trail plan implementation
- Land acquisition for new parks and natural areas
- Community Parks in Underserved Areas (Great Southwest Park, Sector 6, and Sector 7)
- Lake Park improvements and enhancements, including support facilities
- Neighborhood Parks in Underserved Areas (7 locations)
- Completion of EPIC Waters phase II
- Addition of support facilities at old parks and facilities (restrooms, security lighting, drinking fountains)
- Improved accessibility/ADA improvements
- Improved signage (entrance, wayfinding, and interpretive)
- Planning for future growth in ETJ



Epic - Atrium Overview

2. Outdoor Facilities

- More walking and hiking trails and enhancements (benches, shade, signage, overlooks, interpretive signage)
- Improvements/replacement of outdated or deteriorated park facilities (playgrounds, shelters, etc.)
- Additional playgrounds (10 to 20 additional)

- Additional basketball courts (3 to 12)
- Additional multi-purpose fields (6 to 10 additional)
- Additional ballfields (6 to 8 additional)
- Additional dog parks (2 to 3)
- More community gardens (distributed throughout City)
- Additional picnic areas/shelters (10 to 15 additional)
- More pickleball and other senior sports (distributed throughout City)
- Picnic shelters (5 to 12)

3. Indoor Facilities

- Completion of The Epic
- Additional neighborhood recreation centers (Sectors 1, 2, 6, and 7)
- Upgrades to existing facilities (natatorium and recreation centers)

OPERATIONS RECOMMENDATIONS

A number of changes to operations and procedures could improve and expand service delivery for the Grand Prairie Parks, Arts, and Recreation Department. The recommendations for operations and policy changes are focused on efforts to increase volunteer opportunities, generate additional revenue and reduce costs, improve communication of facility and program availability, and department training and leadership.

Volunteer Opportunities

An important effort to promote volunteer opportunities would be the creation of a Friends of Grand Prairie Parks Foundation to recruit and organize volunteers, to raise funds and apply for grants, and to work toward the implementation of improvements outlined in this master plan. The establishment of a program to utilize volunteers is needed in order to assist with park maintenance through efforts such as the adoption of sections of trails in Grand Prairie.

1. Funding Sources

The adopt-a-trail program could also assist in the acquisition of funding for trail improvements. The Department should also continuously investigate new and inventive funding sources for parks and trail improvements. These efforts should include the pursuit of grants for the development and operation of parks and recreation facilities and programs. Another potential source of revenue could be the selling of naming rights to facilities, which could help to mitigate both the capital and operating costs. Rights could be sold to whole facilities, such as shelters, trails, or nature playgrounds, or to areas within a facility (meeting rooms).

2. Partnerships

The Parks, Arts, and Recreation Department should seek partnerships to mitigate both capital and operating costs for new facilities, particularly for high cost projects. These partnerships should require detailed documentation of funding sources and operating strategies (pro-forma). The Department should seek opportunities for collaboration with private or non-profit organizations and other public agencies to improve the number and variety of program offerings, fill program deficiencies, avoid duplication of services, as some program and facility needs can be met by other providers. As part of these collaborative efforts, the Department should maintain existing relationships with private providers and collaborate with law enforcement to increase presence in the parks and an improved perception of safety for park users.



Girls Roasting Hotdogs

3. Awareness

The Parks, Arts, and Recreation Department should work with these other agencies and organizations to improve awareness of programming opportunities. One important effort toward this end would be the creation and promotion of a common calendar for activities and events in Grand Prairie, including opportunities for recreation, education, and tourism. This calendar could be utilized in conjunction with a program to reschedule events postponed due to rain and as part of an effort for the cross promotion of events. A conveniently located community bulletin board for the promotion of events and programs would provide another opportunity to improve awareness of programming opportunities. The Department should also utilize social media as well as their website and existing online newsletter to promote programs and events to residents and visitors.

Another method to improve awareness would be through the development, promotion, and regularly updating of a mobile application (smart phone/tablet app) to communicate program offerings and improve park experiences. This app could provide event information, including a master schedule, and maps of park facility and trail locations. The app could also be utilized to encourage fitness in the community and to connect park users interested in gathering for exercise.

4. Staff Development and Visibility

The Parks, Arts, and Recreation Department should train leadership staff to become experts in their respective fields and emphasize customer service. Part of this effort should include implementation of professional and career development plans for all staff. Finally, the Department should establish a program for internal benchmarking of program offerings and facility maintenance.

Finally, the Grand Prairie Parks, Arts, and Recreation Department should continue to review and update this master plan at five-year intervals and should actively promote park improvements and new program offerings as they become available. Additionally, the Department should continuously solicit feedback from users to ensure new and changing needs are met.

PROGRAM RECOMMENDATIONS

Quality programming is an important aspect of a healthy community, and Grand Prairie offers a wide variety of programs. However, the public input process indicated a need for additional programs. Participation rates could also increase as 21% of Grand Prairie residents reported participating in programs, compared to the national average of 31%. Additionally, changing demographics and outdoor recreation trends suggest that some additional programs should be developed.

As citizens of all ages seek to enrich their lives with productive use of leisure time, the availability of a diverse range of educational and recreational activities becomes increasingly vital. Quality recreational programs also improve a community's attractiveness to parents and business leaders and encourage civic spirit/pride. The core program guidelines provide direction in the planning, scheduling, and coordination of community-based recreational activities. Emphasis must be given to the involvement of community representatives, parents, participants and advisory groups in the planning and development of the core program.



Children Trout Fishing

Core Program Guidelines

The core program guidelines provide direction in the planning, scheduling, and coordination of community-based recreational activities. The guidelines are general, and emphasis must be given to the involvement of Grand Prairie community representatives, parents, participants, and advisory groups in the planning and development programs to meet these core guidelines. An expanded description of the broad program categories can be found in Appendix C. These descriptions detail program formats, primary values served by the activity, and provide a list of specific program examples.

Core Program Components

1. Broad Appeal

Parks and community centers should have broad appeal by conducting activities and special events for people young and old and of varying needs and skill levels. Target groups for programs include:

- Preschool
- Elementary School Age
- Teens
- Adults
- Seniors
- Intergenerational
- Multiple Ages
- Special Needs

2. Administratively Feasible

Activities should be administratively feasible and the following factors should be considered as part of any program development process:

- Facility and Equipment Requirements
- Safety
- Cost vs. Benefits
- Specialized Instruction Requirements

3. Coordination

Program and service offerings should be of a coordinated nature within the community, thus serving to complement rather than duplicate activities already provided elsewhere by other organizations or agencies.

4. Variety of Settings

Activities should be conducted in a variety of settings and formats, formal and informal. Examples include:

- Instructional Classes
- Progressive Skill Levels
- Drop-In
- Special Events
- Special Interest Clubs
- Leagues and/or Tournaments
- Outings and Field Trips

5. Constructive Nature

Programs should be constructive in nature and satisfy the creative, cultural, physical, and social desires of the participants.

6. Diverse Range of Activities

A diverse range of activities should be offered and should include a balanced mix of the following broad program categories:

- Athletics
- Creative Arts
- Games
- Health and Wellness Education
- Outdoor/Nature Education
- Performing Arts
- Education and Seminars
- Special Events



Greenhouse Instruction

Additional Program Offerings

Adult fitness and wellness programs were identified as the most needed program based on the surveys (see Chapter III) as well as the largest unmet program need. Accordingly, the Grand Prairie Parks, Arts, and Recreation Department should further explore demand and develop additional fitness programs to meet this need. Fitness and wellness programs should be expanded for all ages, and partnerships with healthcare providers could also be utilized to increase the availability, and reduce the costs, of these programs. Many of these additional program needs can and will be met by The Epic when it is completed; however, the findings of this master plan should be used as part of the process of determining which programs to offer at this facility.

The need for additional programming for seniors was a reoccurring theme throughout the process (third highest unmet and second most important program need). Program opportunities could be expanded at The Summit and other recreation centers throughout the City. Additionally, outreach programs to improve awareness of existing programs could encourage residents to take advantage of these opportunities.

Additionally Grand Prairie should expand pickleball program opportunities in conjunction with the construction of additional facilities. The programs should include both classes and tournaments, and offerings should include senior only options and multi-generational opportunities. Additional intergenerational programming could include nature-based activities outdoors (fishing, gardening, bird watching) and arts and crafts activities indoors (music, painting, cooking). Programs can be offered simultaneously so parents can participate in one program, while their children participate in another.

Nature programs ranked in the top five priorities for investment (top four unmet needs), so more of those programs should be offered to meet those needs. Pet exercise programs (at dog park) should also be considered as the program consistently ranked highly as a program need (top five unmet needs, fourth most important). Grand Prairie residents would also like to see more special events, including summer concerts (second ranked unmet need), offered throughout the year.

New programs should be considered to take advantage of any new facilities that are developed in Grand Prairie. Additionally, the City should continuously examine program satisfaction levels and monitor suggestions, attendance, and trends to ensure program offerings match the needs of the community. Finally, a scholarship program for facility and program fees should be established for those that cannot afford to pay.

The following programs should be given the highest priority for development/expansion based on the public input:

- Adult fitness & wellness programs
- Summer concerts
- 50+ programs
- Water fitness programs
- Nature programs
- Pet exercise (dog park)

The following programs should also be considered:

- Youth Learn to Swim programs
- Volunteer programs
- Educational programs
- Youth summer camp programs
- Adult art, dance, performing arts
- Adult sports programs
- Youth fitness & wellness programs
- Special events



Kirby Creek

These items in the lists above represent categories of programs to consider. As described previously, the Core Program Guidelines (Appendix C) offer specific classes, sports, and events to offer.

SECTOR RECOMMENDATIONS

The recommendations and priorities for each sector will help to ensure that all areas of Grand Prairie are given separate consideration for improvement over the next 10 years. Priorities are provided for both

outdoor and indoor improvements in each sector. These specific locations of these improvements are provided under the next heading “Individual Park Recommendations” with estimates of probable capital costs listed in Appendix H. Based upon the public engagement, analyses, and application of level of service standards, the following are the top priorities for park improvements in each of the eight planning sectors. Land acquisition priorities are based on a 1,000 acre acquisition goal, which will meet the 400 acres citywide deficit, plus an additional one third of the sector based deficits.

Table VII-1: Sector Priorities

<p>Sector 1: Northwest (population 12,224)</p> <p>Outdoor Priorities</p> <ol style="list-style-type: none"> 1. Great Southwest Park Improvements 2. Land acquisition (100-150 acres) 3. Trails 4. Natural areas (preservation and conservation) 5. Shelters and picnic areas 6. Habitat restoration 7. Nature observation <p>Indoor Priorities</p> <ol style="list-style-type: none"> 1. Meeting room 2. Neighborhood center 3. Gymnasium <p>Sector 2: North Central (population 7,791)</p> <p>Outdoor Priorities</p> <ol style="list-style-type: none"> 1. Trail connections 2. Aquatics 3. Renovation of athletic complexes 4. Outdoor courts 5. Land acquisition (50-100 acres) <p>Indoor Priorities</p> <ol style="list-style-type: none"> 1. Neighborhood recreation center 2. Nature center <p>Sector 3: Northeast (population 0)</p> <p>Outdoor Priorities</p> <ol style="list-style-type: none"> 1. Trail enhancements 2. Parking 3. Playground improvements 4. Skate Park Improvements <p>Sector 4: Central West (population 39,463)</p> <p>Outdoor Priorities</p> <ol style="list-style-type: none"> 1. Trails 2. Park acquisition (200-300 acres) 3. Jaycees Park improvements 4. Playground improvements/replacements - playground adventure future phase 5. Neighborhood park improvements <p>Indoor Priorities</p> <ol style="list-style-type: none"> 1. Veterans' Event Center 2. Dalworth Recreation Center improvements complete 3. EPIC Waters Phase II 4. Summit expansion 5. New Maintenance facility <p>Sector 5: Central East (population 67,574)</p> <p>Outdoor Priorities</p> <ol style="list-style-type: none"> 1. New trails 	<ol style="list-style-type: none"> 2. Trail improvements 3. Playground improvements/additions 4. Shelters and pavilions 5. Land acquisition (250-350 acres) 6. Courts 7. Pool and splash pad improvements <p>Indoor Priorities</p> <ol style="list-style-type: none"> 1. McFalls Building improvements 2. Pool facility improvements 3. Kirby Creek Natatorium renovations 4. Kirby Creek Nature Center improvements 5. Ruthe Jackson Center improvements <p>Sector 6: Central (population 45,987)</p> <p>Outdoor Priorities</p> <ol style="list-style-type: none"> 1. Trails 2. Trail renovation 3. Freedom Park athletic fields improvements 4. Parkhill expansion/improvements 5. Land acquisition with schools (50-100 acres) 6. Camp Wisdom development <p>Indoor Priorities</p> <ol style="list-style-type: none"> 1. Meeting rooms 2. Sub-recreation center 3. Multipurpose Prairie Lights building 4. Maintenance Building improvements <p>Sector 7: Southwest (population 12,889)</p> <p>Outdoor Priorities</p> <ol style="list-style-type: none"> 1. Land acquisition 2. Trails 3. Dog park 4. Electrical improvements 5. Camp site renovations <p>Indoor Priorities</p> <ol style="list-style-type: none"> 1. Maintenance Complex improvements 2. Cielo improvement 3. Lodge improvement 4. Storm shelters <p>Sector 8: Southeast (population 556)</p> <p>Outdoor Priorities</p> <ol style="list-style-type: none"> 1. Land acquisition 2. Trails 3. Estes Peninsula infrastructure 4. Neighborhood park development <p>Indoor Priorities</p> <ol style="list-style-type: none"> 1. Recreation center 2. Tangle Ridge clubhouse improvements 3. Long term- Maintenance facility
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INDIVIDUAL PARK RECOMMENDATIONS

Table VII-2 lists the proposed improvements at each park. The table is organized by park type and the city sectors are identified for each park. The table also identifies the property for each park (L=Low, M=Medium, H=High) and the type of improvement (New, Renovation, or Maintenance).

OTHER IMPROVEMENTS, PLANS, AND ASSESSMENTS

Some capital recommendations are general or planning related and are not included in the descriptions in the previous sections of this Chapter. These items are included at the bottom on the cost estimate table in Appendix H. For example, site master plans are necessary for all of the new parks recommended in this chapter. Additionally, master plans are necessary for substantial developments at existing parks to determine the features to include (based on public input) as well as their orientation.

Grand Prairie should also conduct an ADA Accessibility Assessment of all facilities, programs, and communications. This assessment could be conducted by trained staff or an outside consultant and could extend beyond parks and recreation.

Additionally, lighted signage with wayfinding should be installed at all trailheads, which should also include color coding, difficulty levels, trail lengths, permitted uses, and type of surface (paved or unpaved). Trail markers should be installed along all trails with colors coding for trail routes and mileage information. This signage should match the signage determined during the development of the future bike and pedestrian plan.

ESTIMATED PARK IMPROVEMENT COSTS

The total cost for all improvements will depend on which of the recommendations are ultimately implemented. However, the total cost for the projects described in this chapter comes to approximately \$260 million including the trail improvements. As discussed earlier in this chapter, grant opportunities exist and should be explored for many of these improvements, particularly trail system development, helping to reduce the required contributions by the City of Grand Prairie. Additionally, partnerships, including fundraising, should be considered as part of any improvement, particularly those with substantial capital costs.

Tail Costs

The cost estimates for trail improvements are presented in Appendix H and total approximately \$60 million.

Park Improvement Costs

The cost estimates for park improvements are presented in Appendix H. These cost estimates include new park development and follow-up planning studies.

Table VII-2: Park Improvement Priorities

Park Name		Sector	Priority	Improvement Type		
				New	Renovation	Maintenance
Regional/City Parks						
Grand Central		4				
1	EPIC Waters Phase II (Based on Sales Tax Capacity)		M	x		
2	PlayGrand Adventure		H	x		
3	Summit - See Special Use Parks					
4	Relocate skatepark		M	x		
5	BMX course		M	x		
6	Pump Track		M	x		
7	Water based recreation, Cable Ski Lake		M	x		
8	Fishing access pier/canoe launch		M	x		
9	Entry marquee sign		M	x		
10	Trail expansion (1 mile x 12' wide) includes 2 bridges		H	x		

Park Name		Sector	Priority	Improvement Type		
				New	Renovation	Maintenance
11	Add tree plantings		M	x		
12	Add picnic shelters (2 table shelters at main boardwalk)		M	x		
13	Parking lot expansion (50 spaces)		M	x		
14	Add wayfinding signage		H	x		
15	Add railing at boardwalks		M	x		
16	Replace floating fountain (15 H.P.)		M		x	
17	Dredge/add erosion control at Lake 2		M		x	
C.P. Waggoner Park		2				
1	ADA access to shelters		H		x	
2	Tennis and pickleball courts		H	x		
3	Asphalt resurfacing of park roads		M		x	
4	Repair concrete curbs		M			x
5	Add N.W. athletic parking ramp		M	x		
6	Maintenance for park furnishings		M			x
7	Add new restroom near pavilion		M	x		
8	Add shade structure at T-ball field		M	x		
9	New pavilion (west side)		M	x		
10	Replace irrigation system		L		x	
11	Replace playground equipment		M		x	
12	Replace decking at bridge (30' x 16')		L			x
13	Replace landscape at park signs/medians		H		x	
14	Repair Johnson Creek bridge abutment		H		x	
McFalls Park		5				
Southwest Area						
1	Southwest area playground replacement		L		x	
2	Road repairs in southwest area		M		x	
3	Streambank stabilization		H		x	
4	Add safety railing on bridges		H		x	
5	Sidewalk to swing areas		M	x		
6	ADA access to bridges		H		x	
West Area						
7	McFalls Building renovation/add signage		M		x	
8	Pool and bathhouse replacement		H		x	
9	Scoreboard structure replacement		H		x	
10	Playground replacement		H		x	
11	Replace park sign at Carrier Pkwy.		M		x	
12	Add concrete loop trail		M	x		
13	Remove/replace pedestrian bridge (75' long)		M		x	
14	Park sign at Dickey and 3rd		M	x		
15	Add pickleball courts		H	x		
16	Pond dredging/enhancement		M		x	
17	Add picnic shelters east of pool		H	x		
18	Upgrade Fields 1, 5 & 6 lighting		M		x	
19	Tree replacement		M			x
Mike Lewis Park		2				
1	Restroom near large shelter/playground		M			
2	Replace post & cable fence with alternative fencing		M		x	
3	Repair surface drainage at maintenance area		H		x	
4	Replace fitness station equipment		H		x	
5	Add shade canopy at playground		H		x	

Park Name		Sector	Priority	Improvement Type		
				New	Renovation	Maintenance
6	Replace benches at playground		M		x	
7	Replace playground surfacing with poured-in-place surface		H		x	
8	Add splash pad		M	x		
9	Ball fields drainage improvements		H		x	
10	Add spectator shade		H	x		
11	Replace dugout shade		H		x	
12	Convert athletic fields to artificial turf (all infields)		M		x	
13	Upgrade field lighting		M		x	
14	Upgrade field irrigation (for turf cooling)		M		x	
15	Add concrete drive to Concession Area		L		x	
16	Add pickleball courts		H	x		
17	Dredge pond/add enhancements		M		x	
18	Replace fencing at Equestrian Area		L		x	
19	Replace scoreboards		H		x	
20	Regrade/irrigate soccer fields (east of ball fields)		M	x		
21	Improve drainage near pavilion		H		x	
22	Replace fishing pier		M		x	
23	Paint boardwalk railing (Good Link)		H		x	
24	Replace asphalt road w/concrete (2,500 SF x 12')		H		x	
25	Picnic table maintenance/replacements		M			x
26	Grill maintenance/replacements		M			x
27	Bench maintenance/replacements		M			x
28	Trash receptacle maintenance/replacements		M			x
Mountain Creek Lake Park		5				
1	Sign at northern access		H	x		
2	Playground replacement		L		x	
3	Replace post & cable fence with alternative fencing		H		x	
4	Repair concrete trail		H		x	
5	Add Splash pad		L	x		
6	Add 9-Hole Disc Golf		L	x		
7	Add 2nd basketball court		M	x		
8	Add practice field backstop		L	x		
9	Renovate existing pavilion		H		x	
10	Add pickleball courts		M	x		
11	Expand parking		H	x		
12	Add 2 pavilions		H	x		
13	Add stone seating (south area)		M	x		
14	Add lighting		L	x		
15	Add erosion control at lake edge (South)		M		x	
Turner Park		5				
1	Park Master Plan		H	x		
2	Playground replacement		H		x	
3	Gazebo improvements		H		x	
4	Restroom building near shelter		M	x		
5	Disc golf tee box improvements and signs		H		x	
6	Road repaving		H		x	
7	Pond dredging		H		x	
8	Walks to gazebos		H	x		
9	Streambank erosion		H		x	

Park Name		Sector	Priority	Improvement Type		
				New	Renovation	Maintenance
10	Park Signs (Beltline at Park Square and Tarrant at NE 5th)		H	x		
11	Replace bridge railing at pond		H		x	
12	Add benches at /Outdoor Learning Center		M			x
13	Repair retaining wall at Tarrant/Beltline Rd.		M		x	
14	Improve path to Outdoor Learning Center		H		x	
15	Add landscaping		H	x		
16	Replace historical sign plaque		M			x
17	Add irrigation around Women's Building		M		x	
18	Arboretum improvements		H	x		
Community Parks						
Bowles Park		5				
1	Upgrade and expand pool & bathhouse - add splash pad		H	x		
2	Add restroom at pavilion		M	x		
3	ADA access to grills		H	x		
4	Replace playground		H		x	
5	Upgrade Jordan-Bowles home for rentals		M		x	
6	Shotwell Center improvements - 3100 SF		M			
7	Landscaping improvements at main entry		H			x
8	Boxing Room improvements (1,900 s.f.)		M	x		
9	Repurpose Laundry Room (1,200 s.f.)		M	x		
10	Add aerobic floor in Laundry Room		M	x		
11	Add partition in kitchen to allow both meeting use		L		x	
12	Front desk improvement		M		x	
13	Drainage improvements at pond/spillway		M		x	
14	Dredge pond - Reshape edge		M		x	
15	Add 2 sand volleyball courts		L	x		
16	Add fitness station & equipment along trail		M	x		
17	Upgrade multipurpose courts (inside shelter)		M	x		
18	Add lighting to some segments of trail		L	x		
19	Upgrade practice fields with artificial turf		M	x		
20	Replace roof panels at large pavilion		H		x	
21	Add shelter on west side of park		M	x		
22	New bike rack		M	x		
Charley Taylor Park		5				
1	Splash Factory expansion		H		x	
2	Repainting shade shelter posts		H		x	
3	Replace seatwall tops at ballfields		H		x	
4	Upgrade bleachers		M		x	
5	Improve field turf		M		x	
6	Irrigation system upgrade		L		x	
7	Replace existing fencing		L		x	
8	Replace field lighting		L		x	
9	Replace/renovate restroom		L		x	
10	Replace park signage		M		x	
11	Add landscaping		M	x		
12	Renovate parking lots		H		x	
13	Add mini-soccer field w/Irrigation		M	x		
14	Add park road extension/improvements		H	x		

Park Name		Sector	Priority	Improvement Type		
				New	Renovation	Maintenance
15	Demolish/replace and enlarge Concession Stand - remove containers		H		X	
16	Replace scoreboards		L		X	
17	Add walking trail		M	X		
Freedom Park		6				
1	Master Plan		H	X		
2	Renovate/upgrade fields 1-3 with fencing		H		X	
3	Relight fields 1 & 2		H		X	
4	Sidewalks to fields		H	X		
5	Drain area behind Fields 1-2 backstops		H		X	
6	Park sign		H	X		
7	Coffeeville Road walks replacement		H		X	
8	Add landscaping		M			X
9	Upgrade walking trail from 4' to 8' width		M		X	
10	Replace drinking water fountain		M			X
11	Replace bleachers		M		X	
12	Add restroom - portable /with shelter		M	X		
13	Add picnic shelter		H	X		
14	Replace irrigation system at ballfields		H		X	
15	New playground		H	X		
Parkhill Park		6				
1	Expand park land to the south (25 acres)		H	X		
2	Fourth football field (artificial turf)		M	X		
3	Add fencing around 4th field		M	X		
4	Add trees/landscaping		M	X		
5	Extend walking trail around park - Paved		M	X		
6	Provide parking lot striping		M			X
7	Upgrade entrance gate		M		X	
8	Improve scoreboards		M		X	
9	Add parking (40+ spaces)		H	X		
10	Add lighting at the 2 west football fields		H	X		
11	Convert Field 3 to artificial turf		M		X	
12	Expand bleachers/replace shade over bleachers		M		X	
13	Replace playground		M		X	
Prairie Park		5				
1	Master Plan		H		X	
2	Rugby field		H		X	
3	Cricket pitch		H		X	
4	Parking lots		H	X		
5	Restroom building		H	X		
6	Signage		H	X		
7	Perimeter walking trails		H	X		
8	Add shelters/pavilions		H	X		
9	Add irrigation system		M	X		
10	Renovate athletic field (Pine & Dabney)		M		X	
11	Remove old building foundations (40 lots)		H		X	
12	Fencing replacement (park like)		H		X	
Tyre Park		4				
1	Playground replacement		L		X	
2	Basketball shelter improvements		M			X
3	Upper basketball improvements		M		X	

Park Name		Sector	Priority	Improvement Type		
				New	Renovation	Maintenance
4	Retaining wall repairs		M		x	
5	Pool replacement - Redesign area to move up from the floodplain		H		x	
6	New parking for relocated pool		H		x	
7	Replace upper shelter (wave) and pad		H		x	
8	Walk to upper shelter		H		x	
9	Pond dredging/recontour edge (+/- 1 acre)		H		x	
10	Walkway repairs around pond		M		x	
11	Add walking trail loop (+/- 1/4 mile)		M	x		
12	Remove/replace two (2) park signs		H		x	
13	Replace football goals		M		x	
Neighborhood Parks						
Bear Creek South Park		2				
1	Expansion Master Plan to Community Park		H		x	
2	Expand land holdings		M	x		
3	Improve drainage at basketball court		M			x
4	Connect trail to neighborhood sidewalk (500' x 4')		L	x		
5	Neighborhood Center		L	x		
6	Resurface basketball court		M			x
7	Replace playground		M		x	
8	Improve drainage/Sediment Removal		M			x
9	Irrigation Improvements		M		x	
10	Picnic table maintenance/replacements		M			x
Bradshaw Park		5				
1	Replace playground		M		x	
2	Improve ballfield drainage		M		x	
3	Additional lighting		H	x		
4	Walkway from parking to ballfield		H	x		x
5	Picnic table maintenance/replacements		M			x
6	Grill Maintenance/Replacements		M			x
7	Parking lot striping		M			x
8	Add irrigation system		L	x		
9	Add restroom at pavilion		L	x		
10	Add large pavilion		L	x		
11	Add walking trail		H	x		
12	Resurface basketball court		L		x	
Fish Creek Forest Preserve		5				
1	Fence replacement at culvert crossing		H		x	
2	Replace benches		M			x
3	Playground drainage		H			x
4	ADA access to grill		H		x	
5	Add multipurpose court		M	x		
6	Add low water crossing for access to south park land		L	x		
7	Replace roof panels at large pavilion		L		x	
8	Add natural soft trail surface south of creek		M	x		
9	Upgrade existing concrete trail		M		x	
Friendship Park		6				
1	Shelter replacement		M		x	
2	ADA access to grills		H		x	
3	Reclaim/enhance pond		M		x	
4	Expand trail to Carrier Pkwy.		L	x		

Park Name		Sector	Priority	Improvement Type		
				New	Renovation	Maintenance
5	Expand parking		H		X	
6	Replace restroom		M		X	
7	Add lighting at tennis courts		H	X		
8	Resurface basketball court		M		X	
9	Replace playground		L		X	
Hill Street Park		4				
1	Master Plan		H	X		
2	Playground replacement		H		X	
3	Repave/improve roads		M		X	
4	Add loop trail		M	X		
5	Add picnic shelters		M	X		
6	Add Disc Golf course		M	X		
7	Add trees		M	X		
8	Drainage improvements		L		X	
9	Add park sign at entry		M	X		
10	Add parking lot striping		M			X
11	Replace backstop		H		X	
Holland Street Park		4				
1	Master Plan		M	X		
2	Determine future use		H	X		
3	Add multipurpose court		M	X		
4	Add sand volleyball court		M	X		
5	Add playground		M	X		
6	Add picnic shelter		M	X		
Live Oak Park		5				
1	Replace playground		M		X	
2	Improve court		M		X	
3	Add loop trail - (200 LF x 6' wide concrete)		H	X		
Lyndon B. Johnson Park		5				
1	Add shelter		H	X		
2	Expand walking trail		H	X		
3	Add playground		H	X		
4	Add park sign		H	X		
5	Add trees		H	X		
6	Add multipurpose court		H	X		
Winsum Park		6				
1	Playground drainage		H		X	
2	Playground replacement		L		X	
3	Replace practice backstops		H		X	
4	Walkway to ballfields		H	X		
5	Replace post & cable fence with alternative fencing		H		X	
6	Add picnic shelter		H	X		
7	Provide parking lot striping		M			X
8	Expand parking		M	X		
Mini Parks						
Hendrix Park		5				
1	Signage		H		X	
2	Walkways around perimeter		H	X		
3	Walk from SE 14th St		H	X		
4	Playground replacement		H		X	

Park Name		Sector	Priority	Improvement Type		
				New	Renovation	Maintenance
5	Add picnic shelter		H	x		
6	Add half-basketball /multipurpose court		M	x		
Johnson Street Park		5				
1	Paved parking		H	x		
2	Walkway to court		H	x		
3	Picnic shelter - Family Size		H	x		
4	New playground (Small)		H	x		
5	Add park sign		H	x		
Lamar Park		5				
1	Picnic shelter		H	x		
2	Replace playground		M		x	
3	Add park sign		H	x		
4	Replace fence (back side)		L			x
Mockingbird Park		5				
1	Signage		M	x		
2	Walkway		M	x		
3	Add in-ground soccer goals		M	x		
Nance-James Park		4				
1	Basketball court surfacing		H		x	
2	Playground equipment replacement		H		x	
3	Park/land east 2 lots for park land expansion		M	x		
4	Add shade trees		H	x		
5	Add 1,200 LF new sidewalk		H	x		
Sesquicentennial Park		6				
1	ADA access on Newberry St side		H		x	
2	Add park sign		H	x		
3	Playground equipment		M		x	
Stanton Gardens		4				
1	No proposed improvements					
Sycamore Park		5				
1	Park sign		M	x		
2	Playground replacement		H		x	
3	Add picnic shelters (2 table shelters)		M	x		
4	Add walking trail loop on southeast side		M	x		
5	Add multipurpose court		M	x		
Woodcrest Park		5				
1	Master Plan		H	x		
2	Add park sign		M	x		
3	Add soft-surface educational nature trail (+/- 2,600')		M	x		
4	Add picnic shelter		M	x		
Lake Parks						
Britton Park		8				
1	Road and parking paving - 145,000 SF		H		x	
2	Replace restroom (2-3 fixtures per side)		H		x	
3	Lighting and electrical		H		x	
4	Landscaping		M	x		
5	Add monumental park sign		H		x	
6	Add new fishing piers (T-shaped courtesy dock)		H	x		
7	Automated gate at entrance		M		x	
8	Add new boat dock at boat ramp (60' long)		H	x		

Park Name		Sector	Priority	Improvement Type		
				New	Renovation	Maintenance
9	Add small (15' x 15') picnic shelters		M	x		
10	Develop natural trail - 1 mile with 3-4 low water crossings		M	x		
11	Add wood guard rail - parking area		H	x		
12	Upgrade regulatory signage		H		x	
13	Add volunteer camp site pad		M	x		
Camp Wisdom Park		6				
1	Coordination with Corps of Engineers		H	x		
2	Master Plan		M	x		
3	Add perimeter fence		L	x		
Estes Park		8				
1	Master Plan		M	x		
2	Conference Center with parking		M	x		
3	Roads		M	x		
4	Utilities		M	x		
5	Trails (4-5 miles) concrete 8' wide		M	x		
Low Branch Park		7				
1	Pave entry road and parking		M	x		
2	Group rental pavilion		M	x		
3	Add park sign		M	x		
4	Investigate land swap with Corps of Engineers		M	x		
5	Future Use Development Plan		H	x		
6	Add new loop trail +/- 4,000')		M	x		
7	Add picnic sites with shelters		M	x		
Loyd Park		7				
1	Master Plan		H	x		
2	Cielo upgrades - Plan to determine budget		H	x		
3	New camping loop with 15 sites		H	x		
4	Sanitary sewer at 200 existing sites		H		x	
5	Arcade/game room at camp store area		M	x		
6	Trolley		M	x		
7	Pavilion/barn meeting space with restrooms		M	x		
8	Natural interpretive trails		M	x		
9	Add group camp area with restroom		H	x		
10	Retro trailers		H	x		
11	Movie screen		H	x		
12	Existing trailer improvements		H		x	
13	Parking improvements		H		x	
14	Directional sign Ragland and Day Mar		H	x		
15	Amenity signage along entry road-Ragland and entry gate		H	x		
16	Lodge area improvements		H	x		
17	Off-road bike trails		M	x		
18	Maintenance building improvements-storage vehicle		H		x	
19	Theme art at Lodge		M	x		
20	Entrance office/Drive-in booth improvements		M		x	
21	Storm shelters in restroom buildings		H		x	
22	Equestrian trail riding facility/Corral		M	x		
23	Playground		M	x		
24	Replace Loop E pedestrian bridge		M		x	

Park Name	Sector	Priority	Improvement Type		
			New	Renovation	Maintenance
25	Add elevated cabins	H	x		
26	Entry electronic signage, wayfinding and gate	H		x	
27	Extend walkway to beach	H	x		
28	Walkways through park to avoid walking on roads (2 miles).	H	x		
29	Repave road to beach	M		x	
30	Additional rental shelters (6-7)	M	x		
31	Increase electric to 50/100 amp at 200 campsites	H		x	
32	Laundry building	H	x		
33	Wi-Fi	L			
34	Sewer and electric design & install	M			
35	Longer gangway at courtesy dock	M			
36	Improve overall lighting on roads and parking	H		x	
37	Improve/expand camp store	H	x	x	
38	Add basketball courts	H	x		
39	Add ropes course	M	x		
40	Add cabins	M	x		
41	Add meeting room pavilion with roll-up doors	M	x		
42	Add splash pad	M	x		
43	Develop natural trails	M			
44	Add equestrian facility w/shade	L			
45	Beach: Add shade at playground	M	x		
46	Beach: Add picnic shelter	M	x		
47	Beach: Add game courts	H	x		
48	Beach: Add sand volleyball courts	H	x		
49	Beach: Add pickleball courts (4)	H	x		
50	Beach: Add tennis courts (2)	H	x		
51	Boat Ramp: Add fish cleaning stations	H	x		
52	Boat Ramp: Parking improvements	H		x	
53	Boat Ramp: Add lighting at pier	H		x	
54	Boat Ramp: Courtesy dock replacement (80' length)	H	x		
55	Double Docks: Add canoe launches	H	x		
56	H Pavilion: Replace backstop	H		x	
57	H Pavilion: Add large pavilion	M	x		
58	H Pavilion: Add sand volleyball court	M	x		
59	H Pavilion: Add half-court basketball	M	x		
60	H Pavilion: Baseball field improvements	M	x		
61	Loop B, C, D: Add pull throughs (25 sites)	M	x		
62	Loop B: Add playground	M	x		
63	Loop B: Add group pavilion	M	x		
64	Loop B: Sewer connection	M	x		
65	Loop B: Electrical improvements	M		x	
66	Loop A: Sewer along south spots	M		x	
67	Loop A: Security perimeter fence (8' chain link)	H		x	
68	Loop A: Add nature trail signage	M	x		
69	Loop A: Gate at Day Miar Emergency gate (wrought iron)	H	x		
70	Loop A: Overnight Scout camp area	H	x		
71	Loop A: Dormitories	M	x		

Park Name		Sector	Priority	Improvement Type		
				New	Renovation	Maintenance
Lynn Creek Park		6				
1	Master Plan		H	x		
2	Parking / road improvements		H		x	
3	Concession replacement		H		x	
4	Paved walks to shelters		H	x		
5	New maintenance complex		H		x	
6	Add Maintenance Shop - 40' x 50'		H		x	
7	Prairie Lights storage area		M	x		
8	Prairie Lights multi-purpose center		M	x		
9	Gatehouse improvements		H		x	
10	Add marquee sign		H	x		
11	Erosion control at jet ski/beach		H		x	
12	Replace restrooms - phased - with storm shelters		H		x	
13	Add single table picnic pavilions		H	x		
14	Add group pavilions		H	x		
15	Add outdoor amphitheater		M	x		
16	Improve soft surface trails		M		x	
17	Improve hard surface trails		M		x	
18	Landscape entry at Lake Ridge - marquee sign		M	x		
19	Emergency access road adjacent to dam		M	x		
20	Auto barrier fencing		H		x	
21	Enclosed storage		M	x		
22	Replace restroom behind Prairie Lights-Heated		H		x	
23	Wave attenuators at boat ramps and beach		M		x	
24	Add splash pad		M	x		
25	Add multipurpose court		H	x		
26	Add sand volleyball court		H	x		
27	Add horseshoes area		H	x		
28	Add trees (drought & flood areas)		H	x		
29	Add bike rental		M	x		
30	Beach: Game area		H	x		
31	Beach: Replace playground and safety surface		M		x	
32	Beach: Replace shade structures		M		x	
33	Beach: Add picnic loop road between parking and boat ramp		M	x		
34	Beach: Add group pavilion		M	x		
35	Beach: Add parking at jetty		H	x		
36	Beach: Fishing dock at boat ramp		H	x		
37	Beach: Improve drainage on grass overflow areas-North		H		x	
38	Loop B: Trail development on north section		M	x		
39	Loop B: Add head-in parking		H	x		
40	Loop B: Add specialty swimming beach		M	x		
41	Loop B: Add dog beach		H	x		
42	Loop B: Replace guard light poles/lights		H		x	
43	Loop B: Replace pedestrian bridge - 100 LF		H		x	
Lynn Creek West Park		6				
1	Master Plan		M	x		
2	Lodge/dormitory		M	x		

Park Name		Sector	Priority	Improvement Type		
				New	Renovation	Maintenance
3	Improve entry, road and parking		M	x		
4	Utilities		M	x		
5	Improve entry/signage at trailhead		M	x		
6	Add trails		M	x		
7	Add perimeter fence		M	x		
8	Add cable at lake		M	x		
9	Add zip line		M	x		
10	Provide additional camp area(s)		M	x		
11	Add fish cleaning station		M	x		
12	Add boat ramp		M	x		
Pleasant Valley Park		7				
1	Master Plan		M	x		
2	Trails		L	x		
3	Add parking		L	x		
4	Add infrastructure (signs, lighting, etc.)		L	x		
5	Add rustic camp		L	x		
Special Use Parks						
Airhogs Park		3				
1	Upgrade playground		M		x	
2	Upgrade/remove/replace mini-golf		M		x	
3	Renovate fog unit		L			x
4	Replace fencing		M		x	
5	Replace landscaping		M		x	
6	Replace shade structure fabric		M		x	
7	Rehab Maintenance Bldg. 12' x 16'		M		x	
Alliance Skate Park		3				
1	Parking lot repairs		H		x	
2	ADA access to front door		M		x	
3	Upgrade basketball court surfacing		H			x
4	Replace chain-link fencing with ornamental fence		H		x	
5	Add ground level signage		H	x		
6	Landscaping upgrades		L		x	
Central Bark Dog Park		3				
1	Add restrooms/dog wash		L	x		
2	Add picnic shelters		H	x		
3	Add lighting		L	x		
4	Add irrigation system		M	x		
5	Replace/upgrade signage		H	x		
6	Add trees		M	x		
Copeland Historic Home		5				
1	Renovate as an event venue		L		x	
Dalworth Recreation Center		4				
1	Expand land to north		M	x		
2	Playground expansion		L	x		
3	Meeting room addition		M	x		
4	Sprayground		M	x		
5	Add perimeter fencing at play area		L			x
6	Add adjustable basketball goals		L			x
7	Add gymnasium sound system		L			x

Park Name		Sector	Priority	Improvement Type		
				New	Renovation	Maintenance
Grand Prairie Memorial Gardens		5				
1	Replace individual garden area signage		M		x	
2	Landscape enhancements		H	x		
3	Expand maintenance area		M		x	
4	Expand (double) Mausoleum – 2700 SF		M	x		
5	Add enhancements to Administration Building		M		x	
6	Expand interior road		L	x		
7	Plan for infrastructure expansion		M	x		
Jaycee Park		5				
1	Evaluate existing building		H		x	
2	Develop as an urban plaza		M		x	
3	Shelter		M	x		
4	Add landscaping		M	x		
Kirby Creek Natatorium		5				
1	Window & clerestory replacement		M		x	
2	Pool gutter replacement		M		x	
3	Filter equipment upgrades		M		x	
4	Outdoor shade structures - 4 medium		M	x		
5	Party room addition - 250 SF		M	x		
6	Family restroom addition - 300 SF		M	x		
7	Add locker/changing rooms - 400 SF		M		x	
8	Refinish interior/paint		M			x
9	Add building sign		M	x		
10	Upgrade parking		H		x	
11	Replace dehumidifying system		M		x	
12	Replace pool heater		M		x	
13	Replace rolling doors		M		x	
14	Add benches at entry		M			x
15	Add portable bleachers		M			x
Kirby Creek Natural Science Center		5				
1	Trail improvements (+/- 4,000 l.f. plus footbridges)		L	x		
2	Replace Science Center - 3,500 SF		L		x	
3	Add permanent restrooms		M	x		
4	Add arboretum tree planting area		M	x		
5	Add landscaping at entry		M	x		
6	Replace park sign		M		x	
7	Add shelter (group)		M	x		
8	Replace benches at amphitheater		M			x
9	Add ornamental fencing between park/SGPHS baseb		M		x	
Market Square		5				
1	Add electronic marquee on water tower		M	x		
2	Add platform stage on East Lawn		M	x		
3	Add solid shade covers to existing arbors		M	x		
4	Add interior ceiling fans		H		x	
5	Add security lighting		M		x	
6	Park land expansion-east		H	x		
7	Add shade/hard surfacing at turf areas		M		x	
McFalls Park East		5				
1	Parking lot renovation & expansion to south		H		x	
2	Replace post & cable with alternate fencing		H		x	
3	Renovate concession building		H		x	

Park Name		Sector	Priority	Improvement Type		
				New	Renovation	Maintenance
4	Park land expansion/softball complex relocation		H	x		
5	Replace scoreboards		M		x	
6	Upgrade athletic field lighting		L		x	
Mountain Creek Soccer Complex		5				
1	Add playground		H	x		
2	Road improvements		L			x
3	Add 100 parking spaces in northeast		H	x		
4	Add shade structures (for spectators)		H	x		
5	Landscape improvements		M		x	
6	Upgrading athletic field lighting		M		x	
7	Change fields to artificial turf		M		x	
8	Add storage building - 5,000 SF		M	x		
9	Develop tract south of complex as a neighborhood park		H	x		
Park Administration Building						
1	Add landscaping		M		x	
2	Add art piece		M	x		
3	Build permanent front desk		M		x	
4	Add outdoor picnic area		M	x		
5	Add storage		M	x		
Park Maintenance Complex		5				
1	Replace building		H		x	
2	Repave yard		H		x	
Prairie Lakes Golf Course		5				
1	Golf maintenance replacement		M		x	
2	Landscape & grounds enhancements		M		x	
3	Concrete cart path replacement/repairs		H		x	
4	Driving range lighting		M		x	
5	Lake shoreline rehab		H		x	
6	Pond excavations incl. canal (3 ponds)		M			
7	Bridge (4) repair/replacement - 120 LF		H		x	
8	Existing parking lot repairs		M		x	
9	Parking expansion - 80 spaces		M	x		
10	Add food/beverage service behind clubhouse		M	x		
11	Demolish existing maintenance building		H		x	
12	Renovate existing cart building - 3800 SF		H		x	
13	Expand cart building - 1500 SF		H	x		
14	Improve perimeter fencing - 6000 LF		M		x	
15	Irrigation upgrades		M		x	
16	Low water crossing improvements - 200 LF		H		x	
17	Clubhouse renovation		M		x	
Ruthe Jackson Event Center		5				
1	Roof		M		x	
2	HVAC replacement		M		x	
3	Update interiors - 10,000 SF		H		x	
4	Kitchen renovation - 2000 SF		H		x	
5	Parking/entry enhancements		M		x	
6	Marquee sign replacement - video quality		H		x	
7	Pond equipment replacement		H		x	
Summit		4				
1	Add parking at northeast w/cameras		M	x		

Park Name		Sector	Priority	Improvement Type		
				New	Renovation	Maintenance
2	Add gymnasium/relocate control desk		M	x		
3	Expand aerobic rooms/locker rooms		M	x		
4	Purchase charter bus		M	x		
5	AV updates		H		x	
6	Add access control at parking entrances		M	x		
7	Add interior wayfinding signage		M	x		
8	Refinish pool tank		M		x	
9	Replace pool mechanical equipment		M		x	
10	Replace electrical panels		H		x	
Tangle Ridge Golf Course		5				
1	Market study of out tract		M	x		
2	Clubhouse expansion/new cart storage - 7,000 SF		M		x	
3	Golf maintenance replacement		M			x
4	Landscape and grounds enhancements		M		x	
5	Driving range Improvements		M		x	
6	#5 bridge replacement (50' long)		H		x	
7	Core & replace 19 greens - 250,000 SF		M		x	
8	Entry road paving repairs		H		x	
9	Drainage improvements - #8		M		x	
10	Sand bunker renovation		H		x	
11	Irrigation pump upgrades		H		x	
12	Perimeter fencing replacement		H		x	
Uptown Theater		5				
1	HVAC improvements - 15,000 SF		M		x	
2	Remove/replace roofing - 15,000 SF		M		x	
3	Building expansion - 3,000 SF		H	x		
4	Asbestos removal - 3000 SF		H	x		
5	Add commercial kitchen		M	x		
6	Add storage for tables		M	x		
7	Tech/sound upgrades		M		x	
8	Marquee sign replacement		M		x	
9	Upgrade Stage Deck/Floor		M		x	
10	Upgrade Stage Lighting/AV		M		x	
11	Interior Upgrades to Existing		M		x	
Veterans Park /Event Center		5				
1	Update interiors/new furnishings - 8,170 SF		H		x	
2	Parking lot renovation		M		x	
3	Add park sign (Hwy 161 & Conover)		M		x	
4	Landscape improvements		M		x	
5	Add irrigation on west lawn		L		x	
6	Add permanent stage with shade		H	x		
7	Add canopy at memorial		M	x		
Linear Parks						
Fish Creek Linear Park		6				
1	Stone replacement at bridge abutments		M		x	
2	Signage - entry and interpretive		M	x		
3	Playground replacements (3 sites)		M		x	
4	Add safety railing at storm drain headwalls		M		x	
5	Redo paving at cul-de-sac		H		x	
6	Basketball court resurfacing		L			x
7	Add mileage information at trail markings		H		x	

Park Name		Sector	Priority	Improvement Type		
				New	Renovation	Maintenance
8	Add restroom at pavilion		L	x		
9	Erosion repair at drain lines (ends)		M		x	
10	Expand linear trail to east (Listed as Route D in New Trails)		H	x		
11	Picnic table maintenance/replacements		M			x
12	Grill maintenance/replacements		M			x
13	Bench maintenance/replacements		M			x
14	Trash receptacle maintenance/replacements		M			x
15	Basketball court surface upgrade		L		x	
16	Replace basketball backboards		M			x
Lone Star Trail		3				
1	Signage - entry and interpretive		M		x	
2	Expand parking		M	x		
3	Benches and rest stops at key points		M	x		
4	Replace shade shelters at trailhead		M		x	
5	Add security fencing at east trailhead		H		x	
6	Enhance landscaping/irrigation at trailhead		M		x	
7	Add distance & emergency signage		H	x		
The Good Link		3				
1	Signage - Entry and interpretive		M			
2	Add Fitness Stations		M	x		
3	Create interpretive Area/Soft Surface Trail		L	x		
4	Repair cracks at bridge abutment		H		x	
5	Paint handrails on overlook/bridge rails - 3400 LF		H		x	
6	Paint steel structure at overlook		H		x	
7	Add water fountain		H			x
8	Repair blue spotlights on bridge		H			x
9	Replace portions of concrete trail		M			x
10	Replace bollards		L			x
11	Replace decking on wooden bridge		L			x
New Trails						
1	Route "A" - Trail Segments		M	x		
2	Route "A" - Sidewalk Segments		M	x		
3	Route "B" - Trail Segments		M	x		
4	Route "B" - Wide Sidewalk Segments		M	x		
5	Route "C" - Trail Segments		M	x		
6	Route "C" - Wide Sidewalk Segments		M	x		
7	Route "D" - Trail Segments		M	x		
8	Route "D" - Wide Sidewalk Segments		M	x		
9	Route "E" - Trail Segments		M	x		
10	Route "E" - Wide Sidewalk Segments		M	x		
11	Route "F" - Trail Segments		M	x		
12	Route "F" - Wide Sidewalk Segments		M	x		
13	Route "G" - Trail Segments		M	x		
14	Route "H" - Trail Segments		M	x		
15	Route "H" - Wide Sidewalk Segments		M	x		
16	Route "I" - Trail Segments		M	x		
17	Route "J" - Trail Segments		M	x		
18	Route "J" - Wide Sidewalk Segments		M	x		
19	Route "K" - Trail Segments		M	x		
20	Route "K" - Wide Sidewalk Segments		M	x		

Park Name		Sector	Priority	Improvement Type		
				New	Renovation	Maintenance
21	Route "L" - Trail Segments		M	x		
New Parks						
Sector 1 Great Southwest Community Park (A)						
1	Master Plan		H	x		
2	Trails - (8' wide, paved)		H	x		
3	Picnic shelters		H	x		
4	Interpretive area (preservation-conservation)		H	x		
5	Prairie restoration/Wetland restoration		H	x		
6	Interpretive signs		H	x		
7	Creek access		H	x		
8	Exercise stations with shade		H	x		
9	Maintenance area		H	x		
Sector 4 North Neighborhood Park (B)		4				
1	Master Plan		M	x		
2	Picnic shelter		M	x		
3	Playground		M	x		
4	Trails		M	x		
5	Parking		M	x		
6	Signage		M	x		
7	Basketball court		M	x		
Sector 4 South Neighborhood Park (D)		4				
1	Master Plan		M	x		
2	Picnic shelter		M	x		
3	Playground		M	x		
4	Trails		M	x		
5	Parking		M	x		
6	Signage		M	x		
7	Basketball court		M	x		
Sector 5 Central Neighborhood Park C		5				
1	Master Plan		H	x		
2	Picnic shelter		H	x		
3	Playground		H	x		
4	Trails		H	x		
5	Parking		H	x		
6	Signage		H	x		
7	Basketball court		H	x		
Sector 6 Sports Complex		6				
1	Master Plan		M	x		
Sports fields with lighting, bleachers						
2	Restroom/Concession building		M	x		
3	4-field softball complex		M	x		
4	4-field baseball complex		M	x		
5	Rectangular fields		M	x		
6	Playground		M	x		
7	Trails		M	x		
8	Parking		M	x		
9	Signage		M	x		
10	Basketball court		M	x		
Sector 6 Southwest Community Park (G)		6				
1	Master Plan		M	x		
2	Picnic shelter		M	x		

Park Name		Sector	Priority	Improvement Type		
				New	Renovation	Maintenance
3	Playground		M	x		
4	Loop Trails		M	x		
5	Parking		M	x		
6	Signage		M	x		
7	Basketball court		M	x		
8	Tennis courts		M	x		
9	Pickleball courts		M	x		
10	Playfields - practice diamond/field		M	x		
Sector 7 North Neighborhood Park (I)		7				
1	Master Plan		L	x		
2	Picnic shelter		L	x		
3	Playground		L	x		
4	Trails		L	x		
5	Parking		L	x		
6	Signage		L	x		
Sector 7 Central Community Park (J)		7				
1	Master Plan		L	x		
2	Picnic shelter		L	x		
3	Playground		L	x		
4	Loop Trails		L	x		
5	Parking		L	x		
6	Signage		L	x		
7	Basketball court		L	x		
8	Tennis courts		L	x		
9	Playfields - practice diamond/field		L	x		





Section VIII
Action Plan

VIII. ACTION PLAN

ACTION PLAN STRATEGIES

The Action Plan table on the following pages (Table VIII-1) provides a detailed list of recommendations for the Project Discovery 2026 master plan. These strategies represent specific actions for the Parks, Arts, and Recreation Department and the City of Grand Prairie to take in order to implement this master plan.

These strategies are listed under the five (5) goals and 14 objectives from the Strategic Plan (Chapter VI). The legend at the top of the table identifies the abbreviations used throughout the table. Checkmarks indicate the timeframe for the completion of each strategy 0-2 years, 3-5 years, or 6-10 years. Some strategies are indicated as "Ongoing" as they apply to all timeframes or represent more general actions that should always be considered. A total count of strategies by timeframe are located at the end of the table in the corresponding columns which indicates there are a total of 178 strategies. Of these strategies, 54 are ongoing, 73 in 0-2 year time frame, 69 in 3-5 years, and 20 in 6-10 years.

The other columns provide information regarding the implementation of each strategy. "Sector" indicates the location of each improvement, including the eight sectors used throughout the plan, the ETJ, or citywide. "Category" describes the type of action within the following four options: capital (capital improvements); policy (guidelines for the City Council and Parks Advisory Board, possibly including legislation); planning (long-term parks outlook, which could include conduction of a study); or operations.

The column for "Agency" indicates who is expected to implement the strategy, usually the Grand Prairie Parks, Arts, and Recreation Department or another City department. "Funding Source" indicates how the strategy should be funded or the type of funds used (existing or future revenue sources, including grants). The final column, "Comp Plan Link," lists objectives and policies from the City's 2010 Comprehensive Plan that are consistent with each strategy. In some cases, actions are reproduced directly from that plan.

Table VIII-1: Action Plan

ACTION PLAN - PROJECT DISCOVERY 2026										
Legend of Abbreviations/Organizations										
Parks = Grand Prairie Parks, Arts and Recreation Department					OP = Operating Budget					
City = City Council, Other City Departments					Schools = School Districts					
HOA/PID = Homeowners Associations, Public Improvement Districts					CIP = Capital Improvement Budget					
Partners = Other organizations (NCTCOG, counties, businesses, civic associations, state/federal grants, etc.)										
Goals, Objectives, and Strategies										
Goal 1 (Sustainability): Preserve, Conserve and Sustain!	Targeted Outcome: Grand Prairie has a balanced and sustainable parks, recreation and open space system.	Objective 1.1-Acquisition: Plan for and implement a comprehensive and balanced park space acquisition strategy.	Timeframe (Years)			Sector	Category	Agency	Funding Source	Comp Plan Link
			0-2	3-5	6-10					
		Strategy 1.1.1: Utilize the guidelines and acquisition criteria established in this plan to prioritize properties for acquisition	✓	✓		Citywide	Planning	Parks	OP	
		Strategy 1.1.2: Increase land holdings of the Department by a minimum of 400 acres of parkland in ten years or 40 acres per year (maintaining the existing 25 acres per 1,000 population guidelines)			✓	Citywide	Capital	Parks	CIP	
		Strategy 1.1.3: Emphasize proactive acquisition of land in annexed areas to ensure the provision of parks (and other public services) within the required three year period	✓			ETJ	Planning, Capital	Parks, City	OP, CIP	
		Strategy 1.1.4: Continue to utilize opportunities provided through Resolution 3924 (participation in the new subdivision development process) to acquire property for linear parks, open space, and trails			Ongoing	7, 8, ETJ	Policy, Planning	Parks	OP	Objective 20
		Strategy 1.1.5: Acquire (possibly as part of development process) floodplain areas to preserve open space and for passive recreational uses (linear parks and natural areas)			Ongoing	8, ETJ	Planning, Capital	Parks, City	CIP	
		Strategy 1.1.6: Acquire land adjacent to Parkhill, Bear Creek South, and Nance-James Parks to accommodate additional amenities	✓	✓		2, 4, 6	Capital	Parks	CIP	
Objective 1.2-Preservation and Conservation: Provide for the preservation and conservation of environmental and cultural resources.										
		Strategy 1.2.1: Develop a Conservation Policy and Procedures Manual to identify goals and methods for natural resources conservation of Lake Parks and any future Nature Parks	✓			Citywide	Operations	Parks	OP	
		Strategy 1.2.2: Provide natural areas throughout Grand Prairie to ensure all residents have opportunities to interact with nature			Ongoing	Citywide	Policy, Capital	Parks	CIP	Objective 26: Policy 10
		Strategy 1.2.3: Develop an Environmental Best Management Practices (BMPs) Manual to guide the implementation of sustainable practices (should include, but not be limited to, actions 1.2.4-1.2.10)	✓			Citywide	Operations	Parks	OP	
		Strategy 1.2.4: Consider LEED (Leadership in Energy & Environmental Design) and SITES (Sustainable Sites Initiative) standards when determining BMPs	✓			Citywide	Policy	Parks	OP	Objective 33
		Strategy 1.2.5: Preserve and restore the most sensitive portions of existing and future park properties, such as floodplains, to promote ecosystems services (air and water quality, hazard mitigation, wellness and educational opportunities, etc.)			Ongoing	Citywide	Policy, Capital	Parks	OP, CIP	Objectives 28, 30
		Strategy 1.2.6: Encourage the use of recycled building materials and recycled building construction waste materials			Ongoing	Citywide	Policy	Parks	OP	Objective 31: Policy 10
		Strategy 1.2.7: Design sites to conform with or "fit" natural site topography/landforms			Ongoing	Citywide	Policy	Parks	OP	Objective 29: Policy 4
		Strategy 1.2.8: Utilize "Texas Smartscope" strategies in landscaping standards	✓			Citywide	Policy	Parks	OP	Objective 32: Policy 11

Goals, Objectives, and Strategies	Timeframe (Years)			Sector	Category	Agency	Funding Source	Comp Plan Link
	0-2	3-5	6-10					
Strategy 1.2.9: Develop landscaping options that use less water, such as the use of native plants and drip irrigation, and advertising excellent examples of these principles for the private sector to mirror		Ongoing		Citywide	Policy	Parks	OP	Objective 32: Policy 12
Strategy 1.2.10: Utilize natural drainage ways, streams, and wetlands, where possible, to manage stormwater runoff		Ongoing		Citywide	Policy	Parks	OP	Objective 29: Policy 5
Strategy 1.2.11: Promote Department conservation and sustainability efforts as they are implemented to encourage reduced levels of consumption and waste generation at the household and community levels		Ongoing		Citywide	Operations	Parks	OP	Objective 31: Policy 8
Objective 1.3-Development and Improvement: Improve and develop world class parks, facilities and services.								
Strategy 1.3.1: Focus short-term capital improvements on renovation/improvement to existing, key facilities (playgrounds, trails, picnic areas, restrooms, etc.)	✓	✓		Citywide	Policy, Capital	Parks	CIP	
Strategy 1.3.2: Included necessary support facilities, including walkways, restrooms, signage, and drinking fountains, as part of any park improvement project		Ongoing		Citywide	Policy	Parks	CIP	
Strategy 1.3.3: Develop 600 additional acres of parkland (existing and future properties) within 10 years to provide the quality and quantity of recreational opportunities residents have come to expect in Grand Prairie			✓	Citywide	Planning, Capital	Parks	OP	
EXISTING PARK IMPROVEMENTS								
Strategy 1.3.4: Develop an extreme sports complex at Grand Central that includes facilities for bikes, skateboards, and more		✓		Citywide, 4	Capital	Parks	CIP	
Strategy 1.3.5: Replace playgrounds as needed starting with those at Bowles, Hendrix, Hill Street, McFalls, Nance-James, Sycamore, Turner, and Mountain Creek Soccer Complex		Ongoing		2, 4, 5, 6	Capital	Parks	CIP	
Strategy 1.3.6: Add new playgrounds at Freedom, Holland Street, Johnson Street, and LBJ Parks	✓	✓		4, 5, 6	Capital	Parks	CIP	
Strategy 1.3.7: Complete Epic Waters Phase II (outdoor) and add other water-based recreation at the park		✓		4	Capital	Parks	CIP	
Strategy 1.3.8: Add game courts at existing parks (tennis, pickleball, etc.) as needed to meet local demand (see Table VII-2)	✓	✓		2, 4, 5	Capital	Parks	CIP	
Strategy 1.3.9: Develop disc golf courses at Hill Street and Mountain Creek Lake Parks		✓	✓	4, 5	Capital	Parks	CIP	
Strategy 1.3.10: Complete PlayGrand Adventure at Grand Central	✓			4	Capital	Parks	CIP	
Strategy 1.3.11: Replace pools at Bowles, McFalls, and Tyre Parks with modern facilities that meet the needs of the current population	✓			4, 5	Capital	Parks	CIP	
Strategy 1.3.12: Add splash pads at Bowles, Mike Lewis, and Mountain Creek Lake Park and expand Splash Factory at Charley Taylor Park	✓	✓	✓	2, 5	Capital	Parks	CIP	
Strategy 1.3.13: Provide outdoor fitness stations at Mike Lewis (replace) and Bowles Parks and at The Good Link Trail	✓	✓		2, 3, 5	Capital	Parks	CIP	
Strategy 1.3.14: Add an arboretum tree planting area, a group shelter, permanent restrooms, and landscaping at entry at Kirby Creek Natural Science Center		✓		5	Capital	Parks	CIP	
Strategy 1.3.15: Add amenities, including picnic shelters, restrooms, lighting, and trees to Central Bark Dog Park	✓	✓	✓	3	Capital	Parks	CIP	
Strategy 1.3.16: Develop Jaycee Park as an urban plaza with a gathering space (shelter) and landscaping		✓		5	Capital	Parks	CIP	

Goals, Objectives, and Strategies	Timeframe (Years)			Sector	Category	Agency	Funding Source	Comp Plan Link
	0-2	3-5	6-10					
ATHLETIC FIELDS								
Strategy 1.3.17: Add artificial turf fields at Mountain Creek Soccer Complex, Mike Lewis, Bowlies, and Parkhill Parks (new or conversion)		✓		2, 5, 6	Capital	Parks	CIP	
Strategy 1.3.18: Include irrigation as part of athletic field improvements and as needed at other lawn areas	Ongoing			CW	Capital	Parks	CIP	
Strategy 1.3.19: Develop a rugby field and cricket pitch as part of Prairie Park improvements	✓			5	Capital	Parks	CIP	
Strategy 1.3.20: Upgrade fields, lighting, and scoreboards at McFalls Park	✓	✓		5	Capital	Parks	CIP	
Strategy 1.3.21: Add lighting at select athletic fields and game courts to provide for extended use	✓			CW	Capital	Parks	CIP	
NEW PARKS								
Strategy 1.3.22: Develop Great Southwest Park as a Community Park (A on Figure VII-1) with amenities including trails, picnic shelters, natural/interpretive areas (preservation-conservation), prairie and wetland restoration, creek access, and exercise stations	✓			1	Capital	Parks	CIP, Partners	
Strategy 1.3.23: Develop a Community Park in the southwest portion of Sector 6 (G on Figure VII-1) with features such as a playground, a picnic shelter, trails, athletic fields, and game courts (tennis, pickleball, basketball)		✓		6	Capital	Parks	CIP	
Strategy 1.3.24: Develop a Community Park in southern portion of Sector 7 (J on Figure VII-1) with features such as a playground, a picnic shelter, trails, athletic fields, and game courts (variety of types)			✓	7	Capital	Parks	CIP	
Strategy 1.3.25: Develop a Community Park in Sector 8 (K on Figure VII-1) once population growth in the area reaches a level to support it (possibly utilize a portion of Pleasant Valley Park)			✓	8	Capital	Parks	CIP	
Strategy 1.3.26: Develop an additional Sports Complex with a variety of amenities, including a 4-field softball complex, a 4-field baseball complex, rectangular fields, a playground, trails, a restroom/ concession building, and a basketball court, to better serve the southern portion of Grand Prairie		✓		6	Capital	Parks	CIP	
Strategy 1.3.27: Develop southern portion of Mountain Creek Soccer Complex as Neighborhood Park (E on Figure VII-1)	✓			5	Capital	Parks	CIP	
Strategy 1.3.28: Develop a Neighborhood Park in the central portion of Sector 5 (C on Figure VII-1) with features such as a playground, a picnic shelter, trails, and game courts	✓			5	Capital	Parks	CIP	
Strategy 1.3.29: Develop a Neighborhood Park in the northern portion of Sector 4 (B on Figure VII-1) with features such as a playground, a picnic shelter, trails, and game courts		✓		4	Capital	Parks	CIP	
Strategy 1.3.30: Develop a Neighborhood Park in the southwest portion of Sector 4 (D on Figure VII-1) with features such as a playground, a picnic shelter, trails, and game courts		✓		4	Capital	Parks	CIP	
Strategy 1.3.31: Develop a Neighborhood Park in the northern portion of Sector 6 (F on Figure VII-1) with features such as a playground, a picnic shelter, trails, and game courts			✓	6	Capital	Parks, HOA/PID	CIP, HOA/PID	Objective 2: Policy 4
Strategy 1.3.32: Develop a Neighborhood Park in the southern portion of Sector 6 (H on Figure VII-1) with features such as a playground, a picnic shelter, trails, and game courts			✓	6	Capital	Parks, HOA/PID	CIP, HOA/PID	Objective 2: Policy 4
Strategy 1.3.33: Develop a Neighborhood Park in the northern portion of Sector 7 (I on Figure VII-1) with features such as a playground, a picnic shelter, trails, and game courts			✓	7	Capital	Parks, HOA/PID	CIP, HOA/PID	Objective 2: Policy 4
LAKE PARKS								
Strategy 1.3.34: Incorporate a Conference Center (with parking) and trails as part of master plan for Estes Park		✓		8	Capital	Parks, City	CIP, Partners	Objective 17

Goals, Objectives, and Strategies	Timeframe (Years)			Sector	Category	Agency	Funding Source	Comp Plan Link
	0-2	3-5	6-10					
Strategy 1.3.35: Coordinate with the Corps of Engineers to determine potential uses for the site prior to the development of the Master Plan for Camp Wisdom Park	✓			6	Capital	Parks	CIP	
Strategy 1.3.36: Include trails and a rustic camp as part of the development of Pleasant Valley Park			✓	8	Capital	Parks	CIP	
Strategy 1.3.37: Provide a group rental pavilion, a new trail loop, and picnic sites with shelters at Low Branch Park		✓		7	Capital	Parks	CIP	
Strategy 1.3.38: Add a lodge/dormitory, more trails, a zip line, additional camp area(s), and a boat ramp to Lynn Creek West Park		✓		6	Capital	Parks	CIP	
Strategy 1.3.39: Develop new maintenance complexes at Loyd and Lynn Creek Parks	✓			6, 7	Capital	Parks	CIP	
Strategy 1.3.40: Add new fishing piers, a new boat dock at the boat ramp, a hiking trail (natural surface), and small picnic shelters at Britton Park	✓	✓		8	Capital	Parks	CIP	
Strategy 1.3.41: Develop a new camping loop (15 sites), group camp area, movie screen, elevated cabins, basketball courts, and expanded camp store at Loyd Park	✓			7	Capital	Parks	CIP	
Strategy 1.3.42: Develop an arcade/game room at camp store area, a trolley, a pavilion/barn meeting space, interpretive nature trails, mountain bike trails, a playground, a ropes course, cabins, a meeting room pavilion, a splash pad, additional rental shelters (6-7), and an equestrian facility		✓		7	Capital	Parks	CIP	
Strategy 1.3.43: Add game courts (pickleball, multipurpose courts, tennis, sand volleyball) and a picnic shelter to Loyd Park Beach and canoe launches to Double Docks	✓			7	Capital	Parks	CIP	
Strategy 1.3.44: Add a large pavilion and game courts (sand volleyball, half-court basketball) to H Pavilion at Loyd Park		✓		7	Capital	Parks	CIP	
Strategy 1.3.45: Add playground and group pavilion to Loop B at Loyd Park		✓		7	Capital	Parks	CIP	
Strategy 1.3.46: Add overnight scout camp area and dormitories to Loop A at Loyd Park	✓	✓		7	Capital	Parks	CIP	
Strategy 1.3.47: Add large group pavilions, small picnic pavilions, game courts (multipurpose, sand volleyball), and a horseshoes area to Lynn Creek Park	✓			6	Capital	Parks	CIP	
Strategy 1.3.48: Develop the Prairie Lights multi-purpose center, an outdoor amphitheater, a splash pad, and implement bike rental opportunities at Lynn Creek Park		✓		6	Capital	Parks	CIP	
Strategy 1.3.49: Add a game area, a group pavilion, and a fishing dock at Lynn Creek Park Beach	✓	✓		6	Capital	Parks	CIP	
Strategy 1.3.50: Develop trails (north section) and add a specialty swimming beach and dog beach at Loop B in Lynn Creek Park	✓			6	Capital	Parks	CIP	
SUPPORT FEATURES								
Strategy 1.3.51: Add signage at park entrances where none currently exist	✓			Citywide	Capital	Parks	CIP	
Strategy 1.3.52: Add wayfinding signage to all parks to improve user experiences	✓			Citywide	Capital	Parks	CIP	
Strategy 1.3.53: Add shade structures throughout Grand Prairie for facilities such as seating areas and playgrounds	✓	✓		Citywide	Capital	Parks	CIP	

Goals, Objectives, and Strategies	Timeframe (Years)			Sector	Category	Agency	Funding Source	Comp Plan Link
	0-2	3-5	6-10					
Strategy 1.3.54: Improve landscaping and tree cover at parks throughout Grand prairie, notably Grand Central, LBJ, Nance-James, and Turner Parks	✓	✓		CW, 4, 5	Capital	Parks	CIP	
Strategy 1.3.55: Add picnic shelters and restrooms as indicated in the recommended improvements table (Table VII-2) to promote gathering, extend park visits, and support existing park facilities	Ongoing			Citywide	Capital	Parks	CIP	
Strategy 1.3.56: Expand parking as necessary where insufficient and as new facilities are developed	Ongoing			Citywide	Capital	Parks	CIP	
Strategy 1.3.57: Provide drinking fountains at all existing and future parks and at trailheads	Ongoing			Citywide	Capital	Parks	CIP	
Strategy 1.3.58: Add bike racks at parks starting with those most accessed by cyclists	Ongoing			Citywide	Capital	Parks	CIP	
Objective 1.4–Safety and Security: Implement levels of service and standards that ensure the highest level of safety and security.								
Strategy 1.4.1: Install security cameras and lighting at all parks to encourage a safe atmosphere and to prevent damage to park property	✓	✓		Citywide	Capital	Parks	CP	
Strategy 1.4.2: Provide necessary safety equipment at all parks, trails, and events	Ongoing			Citywide	Capital, Policy	Parks	CP	
Strategy 1.4.3: Collaborate with law enforcement to increase presence in the parks and an improved perception of safety for park users	Ongoing			Citywide	Operations, Policy	Parks, City	CP	
Strategy 1.4.4: Add mileage information and emergency signage at trail markings along trails throughout the city	✓			Citywide	Capital	Parks	CIP	
Strategy 1.4.5: Provide interpretive signage at locations of natural resources at parks and along trails	✓	✓		Citywide	Capital	Parks	CIP	
Strategy 1.4.6: Add lighting along select segments of trails and trail loops (see Table VII-2) to extended hours of use and to promote a safer experience	✓			Citywide	Capital	Parks	CIP	
Objective 1.5–Viability: Plan for, invest in, and implement management and operational practices to maintain quality experiences and financial sustainability.								
Strategy 1.5.1: Conduct regular assessments and evaluations of existing parks and facilities for their functionality, accessibility, aesthetics, and ability to meet established standards of service	Ongoing			Citywide	Operations	Parks	OP	
Strategy 1.5.2: Utilize recommended improvements table (Table VII-2) for capital maintenance and renovation schedule	Ongoing			Citywide	Operations	Parks	OP, CIP	
Strategy 1.5.3: Utilize recommended improvements table (Table VII-2) for improvements and upgrade to golf courses	Ongoing			5	Operations	Parks	OP, CIP	
Goal 2 (Community): Connect, Convene and Thrive!								
Targeted Outcome: Grand Prairie connects people, places and spaces in a way that produces a vivid sense of pride, belonging, and engagement.								
Objective 2.1–Trails and Linkages: Plan, develop and maintain a multi-use trail system that provides opportunities for health, wellness, discovery, alternative transportation and connection to local and regional points of interest.								
Strategy 2.1.1: Prepare a prioritization and development schedule for the implementation of the trail recommendations of this master plan with consideration to the planning and development of trails in adjacent communities	✓			Citywide	Operations	Parks	OP	Objective 3: Policy 11
Strategy 2.1.2: Update Department trail specifications to match those outlined in this master plan and continue to ensure all trails, including those developed by a HOA/PID, conform to these standards	✓			Citywide	Policy	Parks, City, HOA/PID	OP	Objective 26: Policy 12

Goals, Objectives, and Strategies	Timeframe (Years)			Sector	Category	Agency	Funding Source	Comp Plan Link
	0-2	3-5	6-10					
Strategy 2.1.3: Develop 4 miles of shared-use trails annually in order to realize the citywide system of trails, as outlined in this master plan, within 20 years (number includes wide sidewalks)	✓	✓	✓	Citywide	Capital	Parks, City	CIP, Partners	Objective 3: Policy 11
Strategy 2.1.4: Incorporate the trail recommendations of this master plan into a Bike and Pedestrian Master Plan that determines on-road elements and sidewalks to link to the citywide trail network	✓	✓		Citywide	Planning	Parks, City	CIP	Objective 26: Policy 13
Strategy 2.1.5: Continue to require buffers between transportation facilities and adjacent land areas where possible and utilize these buffers for trails where consistent with connectivity goals	Ongoing			Citywide	Policy	City	OP	Objective 4: Policy 17
Strategy 2.1.6: Consider requiring or incentivizing right-of-way dedication for trails (as the City does with streets) at the time of platting or replatting property within the city limits or the city's extrajurisdictional jurisdiction	✓	✓		Citywide	Policy	City	OP	Objective 5
Strategy 2.1.7: Add walking trails (connected loops where possible) at Charley Taylor, Hill Street, McFalls, Parkhill, Sycamore, and Tyre Parks	✓	✓		4, 5, 6	Capital	Parks	OP	
Strategy 2.1.8: Continuously work to improve connectivity between parks and adjacent neighborhoods	Ongoing			Citywide	Capital, Planning	Parks, City	OP, CIP	Objective 26: Policy 10
Strategy 2.1.9: Develop and provide trail maps that clearly define shared-use (or multi-use) trails from on-street bike routes and bike lanes	✓			Citywide	Operations	Parks	OP	Objective 35
Strategy 2.1.10: Ensure that all trailheads include updated wayfinding signage that displays color coding for routes, accessibility, difficulty levels, trail lengths, and intended uses	✓			Citywide	Policy, Capital	Parks	OP, CIP	
PARK TRAILS								
Strategy 2.1.11: Emphasize a variety of trail types and uses as part of the development of Great Southwest Park	✓			1	Capital	Parks	CIP	
Strategy 2.1.12: Develop soft, natural surface trails with interpretive areas at Fish Creek Forest Preserve, Woodcrest Park, and the Good Link		✓		3, 5	Capital	Parks	CIP	
Strategy 2.1.13: Extend Fish Creek Linear Park (and trail) to the east	✓			6	Capital	Parks	CIP	
Strategy 2.1.14: Add or expand walking trails at Bradshaw, Live Oak LBJ, and Prairie to provide loop trails at these parks	✓			5	Capital	Parks	CIP	
Strategy 2.1.15: Extend Friendship Park trail to Carrier Pkwy to connect to proposed trail network	✓			6	Capital	Parks	CIP	
CITYWIDE TRAIL NETWORK (SEE FIGURE VII-4)								
Strategy 2.1.16: Develop Route A to run north/south route connecting from the existing trail along Lake Ridge Parkway to a major employment center in the north (Lockheed Martin, etc.)		✓		4, 6	Capital	Parks, City	CIP, Partners	
Strategy 2.1.17: Develop Route B to continue Route A to the northern boundary of Grand Prairie and the regional network		✓		2, 5	Capital	Parks, City	CIP, Partners	
Strategy 2.1.18: Develop Route C to link Grand Central to Mountain Creek Soccer Complex and a future unplanned connection to the regional network		✓		5	Capital	Parks, City	CIP, Partners	
Strategy 2.1.19: Develop Route D to connect Fish Creek Linear Park to Fish Creek Preserve (and Route A to Route C)		✓		6	Capital	Parks, City	CIP, Partners	
Strategy 2.1.20: Develop Route E to run north/south along 4th St and Corn Valley Rd from S Carrier Pkwy (Route C) to McFalls Park (Route G)		✓		5	Capital	Parks, City	CIP, Partners	
Strategy 2.1.21: Develop Route F to function as an east/west link in the northern part of the City, linking to the main north/south route (B)		✓		5	Capital	Parks, City	CIP, Partners	

Goals, Objectives, and Strategies	Timeframe (Years)			Sector	Category	Agency	Funding Source	Comp Plan Link
	0-2	3-5	6-10					
Strategy 2.1.22: Develop Route G to form an east/west link between Mountain Creek Lake Park and the main north/south trail (Routes A and B)		✓		5	Capital	Parks, City	CIP, Partners	
Strategy 2.1.23: Develop Route H to continue the main north/south route from Lynn Creek Park (connecting to existing Lake Ridge Pkwy trail) to the boundary with Cedar Hill		✓		7, 8	Capital	Parks, City	CIP, HOA/PID	
Strategy 2.1.24: Develop Route I to create a loop around the southern portion of Joe Pool Lake		✓		7, 8, ETJ	Capital	Parks, City	CIP, HOA/PID	
Strategy 2.1.25: Develop Route J in order to link Loyd Park to existing trails in Lynn Creek Park and along Lake Ridge Pkwy		✓		6, 7	Capital	Parks, City	CIP, Partners	
Strategy 2.1.26: Develop Route K to form an east/west link from Lake Ridge Pkwy to Camp Wisdom Park and Lynn Creek Park		✓		6	Capital	Parks, City	CIP, Partners	
Strategy 2.1.27: Develop Route L to continue Route B from Mike Lewis Park to the City Boundary and future regional connections		✓		1	Capital	Parks, City	CIP, Partners	
Objective 2.2-Spaces and Places for Community Gathering: Provide community gathering spaces that develop pride, identity and a sense of community.								
Strategy 2.2.1: Continue to encourage residential development patterns that incorporate parks, trails and open spaces within walking or bicycling distance	✓			Citywide		City	OP	Objective 2; Policy 4
Strategy 2.2.2: Ensure opportunities exist in all neighborhoods for residents to gather, interact, and promote pride in their communities	✓			Citywide		Parks	OP	
Strategy 2.2.3: Expand community gardening opportunities, providing additional social opportunities for residents		✓			Capital	Parks	CIP	
Strategy 2.2.4: Provide small covered seating areas in all parks and reservable picnic shelters where feasible to provide local formal and informal meeting spaces (See Table VII-2)	Ongoing			Citywide	Capital	Parks	CIP	
Strategy 2.2.5: Provide Wi-Fi hotspots in high traffic areas of parks (such as picnic shelters)	Ongoing			Citywide	Capital	Parks	CIP	
INDOOR CENTERS/EVENT VENUES								
Strategy 2.2.6: Add permanent stage and update interiors at Veterans Park and Event Center	✓			5	Capital	Parks	CIP	
Strategy 2.2.7: Implement needed improvements at the Ruthe Jackson Event Center (roof, HVAC, interiors, parking, etc.)	✓			5	Capital	Parks	CIP	
Strategy 2.2.8: Add gymnasium, expand aerobic rooms/locker rooms, and purchase charter bus for The Summit		✓		CW, 4	Capital	Parks	CIP	
Strategy 2.2.9: Renovate Charley Taylor Recreation Center		✓		5	Capital	Parks	CIP	
Strategy 2.2.10: Complete improvements to Kirby Creek Natatorium and add a party room, family restroom, and locker/changing rooms		✓		5	Capital	Parks	CIP	
Strategy 2.2.11: Upgrade Uptown Theater stage (deck/lighting), add commercial kitchen, and expand the building		✓		CW, 5	Capital	Parks	CIP	
Strategy 2.2.12: Add a meeting room at Daitworth Recreation Center to the north, expand the site to the north, and add a sprayground		✓		4	Capital	Parks	CIP	
Strategy 2.2.13: Implement Shotwell Center improvements and upgrade Jordan-Bowles home for rentals at Bowles Park		✓	✓	5	Capital	Parks	CIP	

Goals, Objectives, and Strategies	Timeframe (Years)			Sector	Category	Agency	Funding Source	Comp Plan Link
	0-2	3-5	6-10					
Strategy 2.2.14: Renovate Copeland Historic Home as an event venue			✓	5	Capital	Parks	CIP	
Objective 2.3–Health, Social and Economic Impact: Contribute to individual and community-wide health, wellness, cultural and economic impact through parks, places, spaces and programs.								
Strategy 2.3.1: Maximize sustainability of the park system by considering the social, fiscal, and environmental impacts of all proposed improvements as part of the development process	✓			Citywide	Policy	Parks	OP	
Strategy 2.3.2: Utilize the Core Program Guidelines to develop relevant educational programs for all ages and ability levels using best practices for health/wellness and environmental education	✓			Citywide	Operations	Parks	OP	
Strategy 2.3.3: Provide program opportunities that combine fun with enjoyment of nature through the implementation of additional programs and events as outlined in the Core Program Guidelines			Ongoing	Citywide	Operations	Parks	OP	
Strategy 2.3.4: Offer rental opportunities of new facilities as they are developed to maximize use and provide additional revenue			Ongoing	Citywide	Policy	Parks	OP	
Strategy 2.3.5: Encourage children to experience the outdoors in healthy and educational pursuits by expanding nature education programs and recreational opportunities			Ongoing	Citywide	Operations	Parks	OP	
Strategy 2.3.6: Identify areas in which the Department can meet gaps in education by relating Department programs to school-learning objectives			Ongoing	Citywide	Operations	Parks, Schools	OP	
Strategy 2.3.7: Maximize opportunities for program participation by providing convenient locations, a variety of starting times, and by providing opportunities for multiple generations			Ongoing	Citywide	Operations	Parks	OP	
Strategy 2.3.8: Keep programs fresh and relevant through continuous monitoring of satisfaction, attendance, and effectiveness			Ongoing	Citywide	Operations	Parks	OP	
Goal 3 (Equity): Goal: Engage, Listen and Serve!								
Targeted Outcome: Grand Prairie residents, visitors and businesses have easy and equal access to an array of parks, programs and services that meet their diverse and changing needs.								
Objective 3.1–Universal Access for All: Engage, identify needs, remove barriers, and enable access to quality life experiences for all residents, visitors, and businesses.								
Strategy 3.1.1: Prioritize development in locations with high levels of social needs and low levels of park services as these residents are most likely to benefit from improvements (see Priority Improvement Areas—Figure V-16)			Ongoing	Citywide	Policy, Capital	Parks	OP, CIP	Objective 21; Policy 7
Strategy 3.1.2: Perform an ADA Accessibility Assessment of all facilities, programs, and communications to ensure accessibility of all opportunities according to ADA standards and best practices	✓			Citywide	Planning	Parks	CIP	
Strategy 3.1.3: Provide an accessible route of travel to all athletic fields and spectator seating areas	✓	✓		Citywide	Capital	Parks	CIP	
Strategy 3.1.4: Maintain and expand, as additional facilities are developed, sponsorships for residents who cannot afford to use facilities or participate in programs			Ongoing	Citywide	Policy	Parks	OP	
Strategy 3.1.5: Continuously improve connectivity within parks through the addition of walkways and connecting paths			Ongoing	Citywide	Planning, Capital	Parks	OP, CIP	
Strategy 3.1.6: Engage underserved populations, including low income, minority, and disabled residents, to improve awareness of recreation opportunities (and to increase participation rates) through collaboration with community leaders and organizations			Ongoing	Citywide	Operations	Parks, Partners	OP	
Objective 3.2–Diversification of Indoor and Outdoor Features: Plan for and deliver a broad spectrum of parks, programs and services that appeal to the diverse and evolving needs of the community.								
Strategy 3.2.1: Provide a variety of options at all parks to meet the demands of users with different needs and preferences, including both active and passive recreation			Ongoing	Citywide	Policy, Capital	Parks	OP, CIP	

Goals, Objectives, and Strategies	Timeframe (Years)			Sector	Category	Agency	Funding Source	Comp Plan Link
	0-2	3-5	6-10					
Strategy 3.2.2: Continuously monitor trends in recreation, particularly amongst growing population groups, to ensure facility and program offerings remain on the cutting edge while meeting the needs of a diverse community	✓			Citywide	Operations	Parks	OP	
Strategy 3.2.3: Develop facilities and programs to serve users with special needs and consider the needs of those users as part of any development				Citywide	Policy, Capital	Parks	OP, CIP	
Goal 4 (Innovation): Originate, Invent and Lead!								
Targeted Outcome: Grand Prairie is recognized as a parks, recreation and open space trendsetter.								
Objective 4.1–Innovative Planning, Development and Management: Break the status quo to develop and deliver cutting edge parks, facilities, programs, and services.								
Strategy 4.1.1: Utilize the schedule of capital improvements in this master plan to annually update the Department's Capital Improvement Plan (CIP), making adjustments for award of grants, outside funding, and changing priorities	✓	✓	✓	Citywide	Planning, Operations	Parks	OP	
Strategy 4.1.2: Develop a Park Master Plans for each of the Lake Park properties in order to best plan and prioritize improvements for future use	✓			6, 7, 8	Planning	Parks	CIP	
Strategy 4.1.3: Develop Park Master Plans for Bear Creek South, Freedom, Hill Street, Holland Street, Prairie, Turner, Woodcrest Parks	✓			2, 4, 5, 6	Planning	Parks	CIP	
Strategy 4.1.4: Add maintenance facilities as indicated in the capital improvement priority table (VI-2)		✓		Citywide	Operations	Parks	CIP	
Strategy 4.1.5: Improve Park Administration Building to include a permanent front desk, art, an outdoor picnic area, additional storage, and improved landscaping		✓		Citywide	Operations, Capital	Parks	CIP	
Strategy 4.1.6: Develop Master Plans prior to the development of all new parks				Citywide	Planning	Parks	CIP	
Objective 4.2–Leadership: Lead the community, state, region and nation in providing innovative parks, arts, and recreation offerings.								
Strategy 4.2.1: Formally recognize this master plan as the guiding document for park development, improvement, and operations	✓			Citywide	Policy	City	OP	
Strategy 4.2.2: Establish an implementation committee to monitor timelines and ensure continued enthusiasm for master plan goals and recommendations	✓			Citywide	Planning, Operations	Parks	OP	
Strategy 4.2.3: Review and update this master plan at intervals not to exceed five years to evaluate progress and to reassess priorities		✓	✓	Citywide	Policy, Planning	Parks, City	OP, CIP	
Strategy 4.2.4: Establish a program for internal benchmarking of program offerings and facility maintenance	✓			Citywide	Operations, Policy	Parks	OP	
Strategy 4.2.5: Annually review the results of the internal benchmarking in conjunction with feedback from user groups	✓			Citywide	Operations	Parks	OP	
Strategy 4.2.6: Create and implement professional and career development plans for all staff	✓			Citywide	Operations	Parks	OP	
Strategy 4.2.7: Identify critical staff development opportunities (including conferences, training, memberships, etc.)	✓			Citywide	Operations	Parks	OP	
Strategy 4.2.8: Encourage continued staff training for leadership and continued growth within their respective fields				Citywide	Operations	Parks	OP	
Strategy 4.2.9: Encourage management level staff to attend professional development programs offered by state, regional, and national training organizations				Citywide	Operations, Policy	Parks	OP	

Goals, Objectives, and Strategies	Timeframe (Years)			Sector	Category	Agency	Funding Source	Comp Plan Link
	0-2	3-5	6-10					
Strategy 4.2.10: Maintain CAPRA Accreditation		✓	✓	Citywide	Operations	Parks	OP	
Strategy 4.2.11: Reference this master plan in future updates to the City's Comprehensive Plan	Ongoing			Citywide	Planning	City	OP	
Goal 5 (Collaboration): Coordinate, Collaborate and Partner!								
Targeted Outcome: Grand Prairie maximizes collaborative relationships and engagement strategies to generate solutions and successes that could not otherwise be achieved alone.								
Objective 5.1-Partnerships: Maximize relationships and partnerships with private/public, local, state, regional and national entities to best meet the current and future needs of the community.								
Strategy 5.1.1: Collaborate with developers to ensure that future parks (and services) are integrated into the development process to ensure availability to future residents	Ongoing			Citywide	Policy, Planning	Parks, City	OP	
Strategy 5.1.2: Coordinate with other City departments to combine use of land for public facilities, such as inclusion of services within recreation centers (library, police, fire)	Ongoing			7, 8, ETJ	Policy, Planning	Parks, City	OP	Objective 26
Strategy 5.1.3: Pursue a partnership for the development of a Conference Center owned by the City and leased back to the resort developer at Estes Park		✓		7, 8	Planning, Capital	Parks, City	ClP, Partners	Objective 17
Strategy 5.1.4: Continue to coordinate with adjacent communities, NCTCOG, and residential associations as part of long-term trail planning	Ongoing			Citywide	Planning	Parks, City	OP, Partners	Objective 26; Policy 13
Strategy 5.1.5: Seek grants from regional (NCTCOG), state, federal, and non-profit sources for land acquisition, park development, and trail improvements	Ongoing			Citywide	Planning	Parks	OP, Partners	Objective 35; Policy 4
Strategy 5.1.6: Establish policies regarding partnerships, including requirements for documentation of funding sources and operating strategies from potential partners	✓			Citywide	Policy	Parks, City	OP	
Strategy 5.1.7: Encourage the creation of Grand Prairie Parks foundation to recruit and organize volunteers, work toward the implementation of improvements outlined in this master plan, and raise funds for improvements through donations, endowments, bequests, trusts, and grants	Ongoing			Citywide	Operations, Policy	Parks	OP, Partners	
Strategy 5.1.8: Identify employees who are responsible for volunteer oversight and coordination as volunteer programs are expanded		✓	✓	Citywide	Operations	Parks	OP	
Strategy 5.1.9: Develop policies and procedures for volunteer recruitment, training, acknowledging, and rewarding volunteers	✓			Citywide	Policy, Operations	Parks	OP	
Strategy 5.1.10: Utilize volunteers to assist with park maintenance through efforts such as the adoption of sections of trails in Grand Prairie	Ongoing			Citywide	Operations	Parks	OP	
Strategy 5.1.11: Pursue partnerships for both the capital construction costs and the annual operating costs of any facility	Ongoing			Citywide	Policy	Parks	OP, Partners	
Strategy 5.1.12: Seek partnerships with healthcare providers to increase availability of programs related to health and wellness for all ages	✓			Citywide	Policy, Operations	Parks, Partners	OP, Partners	
Strategy 5.1.13: Increase communication with the six Independent School Districts that are located within Grand Prairie city limits and extraterritorial jurisdiction for shared use of space and mutual promotion of recreational opportunities	Ongoing			Citywide	Operations	Parks, City, Schools	OP, Schools	Objective 20
Strategy 5.1.14: Reach out to community organizations including scouts, service learning programs, corporate volunteer programs, community service workers, workforce development programs, retirees, internships, etc. for partnerships and volunteers opportunities	Ongoing			Citywide	Operations	Parks	OP, Partners	
Strategy 5.1.15: Maintain existing relationships with private recreation providers	Ongoing			Citywide	Policy	Parks	OP	

Goals, Objectives, and Strategies	Timeframe (Years)			Sector	Category	Agency	Funding Source	Comp Plan Link
	0-2	3-5	6-10					
	Ongoing							
Strategy 5.1.1.6: Create and promote a common calendar for activities and events in Grand Prairie, including opportunities for recreation, education, and tourism								
Objective 5.2-Community Engagement: Provide ongoing opportunities to engage the community to raise awareness, plan for and constantly improve upon the quality of parks, recreation, and open space offerings.								
Strategy 5.2.1: Continue to cultivate relationships with media contacts to promote Department opportunities				Citywide	Operations	Parks	OP	
Strategy 5.2.2: Analyze demographic characteristics and engage the appropriate populations as part of any park development process to ensure improvements meet local needs	✓			Citywide	Policy, Planning	Parks	OP	
Strategy 5.2.3: Engage growing communities, notably ethnic and senior populations, to identify parks, facilities, and programs that appeal to their community needs and cultural heritage	✓			Citywide	Operations	Parks	OP	
Strategy 5.2.4: Actively promote park improvements and new program offerings as they become available				Citywide	Operations	Parks	OP	
Strategy 5.2.5: Expand use of social media and the internet to promote programs and events to residents and visitors	✓			Citywide	Operations	Parks	OP	
Strategy 5.2.6: Create and promote a common calendar for activities and events, including opportunities for recreation, education, and tourism, offered by the Grand Prairie Parks, Arts, and Recreation Department and other providers throughout Grand Prairie	✓	✓		Citywide	Operations	Parks	OP	
Strategy 5.2.7: Develop, promote, and regularly update a mobile application (smart phone/tablet app) to communicate program offerings and improve park experiences (event information, park/trail maps)		✓		Citywide	Capital, Operations	Parks	CIP, OP	
Strategy 5.2.8: Utilize this app to encourage fitness in the community, to connect park users interested in gathering for exercise, and to connect to a master schedule for events		✓	✓	Citywide	Operations	Parks	OP	
Strategy 5.2.9: Provide documentation and outreach materials in additional languages as needed to ensure information is accessible to all community members				Citywide	Operations	Parks	OP	
Totals by Timeframe	73	69	20					
Total Number of Strategies = 178	Ongoing = 54							



Appendix A Methodology

APPENDIX A - METHODOLOGY

SOCIAL NEEDS AND CONDITIONS ANALYSIS

The Social Needs and Conditions Analysis was conducted using nine demographic and socioeconomic indicators to measure the level of social need for 46 census tracts in Grand Prairie. All of the demographic data for this analysis was derived from the American Community Survey (ACS) 5-year estimates from 2010-2014 linked with 2014 TIGER/Line® Shapefiles. The crime data was provided by the Grand Prairie Police Department. The census tracts included in the analysis are those that are completely or partially located within the Grand Prairie city limits. Those that extend beyond the city limits have been clipped to exclude the area outside of Grand Prairie.

Data Disclaimer

Because the data in this analysis is based on population samples, its accuracy may be limited by the survey participants. As the ACS reports, "Data are based on a sample and are subject to sampling variability." Each data input has a margin of error which can be found in the ACS data tables. The accuracy of crime data is consistent with the records provided by the Grand Prairie Police Department.

American Community Survey

The American Community Survey is annual supplement to the U.S. Census Bureau's Decennial Census Program and is designed to provide more detailed demographic, social, economic, and housing estimates throughout the decade. The ACS provides information on more than 40 topics, including education, income, labor force status, marital status, migration, and many more. Each year the survey randomly samples 3.5 million addresses and produces statistics that cover 1-year and 5-year periods for all geographic areas in the United States. The 5-year estimates are available at a variety of geographic levels. The 5-year estimates used in this analysis are the 5-year estimates covering the period from 2010 to 2014 at the Census Tract level.

Data Definitions and Sources

1. Household Income

Table: Median household income in the past 12 months (in 2014 inflation-adjusted dollars) – S1903
Universe: Households
Source: U.S. Census Bureau American Community Survey 5-year estimate (2010-2014)
Column: Median income (dollars); Estimate; Households - HC02_EST_VC02

2. Education Level

Table: Educational Attainment – S1501
Universe: Population 25 years and over
Source: U.S. Census Bureau American Community Survey 5-year estimate (2010-2014)
Column: Total; Estimate; Percent high school graduate or higher - HC01_EST_VC16

3. Unemployment

Table: Employment Status – S2301
Universe: Population 16 years and over in labor force
Source: U.S. Census Bureau American Community Survey 5-year estimate (2010-2014)
Column: Unemployment rate; Estimate; Population 16 years and over - HC04_EST_VC01

4. Single Parent Households

Table: Households and Families – S1101
Universe: Households
Source: U.S. Census Bureau American Community Survey 5-year estimate (2010-2014)
Column: Male householder, no wife present, family household; Estimate; AGE OF OWN CHILDREN - Households with own children under 18 years - HC03_EST_VC10 + Female householder, no husband present, family household; Estimate; AGE OF OWN CHILDREN - Households with own children under 18 years ÷ HC04_EST_VC10; Total DIVIDED by Total; Estimate; Total households - HC01_EST_VC02 for Single Parent Households with Own Children under 18 percentage of total households

5. Crime

Measurement: Crime Reported per 1000 Population

Universe: Crime Reported

Source: City of Grand Prairie Police Department, Geocoded and tallied by census tract

6. Residents Under 18

Table: Sex by Age – B01001

Universe: Total Population

Source: U.S. Census Bureau American Community Survey 5-year estimate (2010-2014)

Column: Estimate; sum of columns for Under 5 years through 15 to 17 years; HD01_VD03- HD01_VD06 (Male) and HD01_VD27- HD01_VD30 (Female) divided by total HD01_VD01

7. Residents 65 or Over

Table: Sex by Age – B01001

Universe: Total Population

Source: U.S. Census Bureau American Community Survey 5-year estimate (2010-2014)

Column: Estimate; sum of columns for Under 5 years through 15 to 17 years - HD01_VD20- HD01_VD25 (Male) and HD01_VD44- HD01_VD49 (Female) divided by total HD01_VD01

8. Poverty Status

Table: Poverty Status in the Past 12 Months – S1701

Universe: Population for whom poverty status is determined

Source: U.S. Census Bureau American Community Survey 5-year estimate (2010-2014)

Column: Percent below poverty level; Estimate; Population for whom poverty status is determined - HC03_EST_VC01

9. Population Density

Table: Sex by Age – B01001

Universe: Total Population

Source: U.S. Census Bureau American Community Survey 5-year estimate (2010-2014)

Column: Estimate; Total - HD01_VD01 divided by total square miles in each census tract (area calculated using ArcGIS software for 2014 TIGER/Line® Shapefiles).

Figures A-1 through A-9 show the data used in this analysis for the City of Grand Prairie.

Figure A-1: Household Income

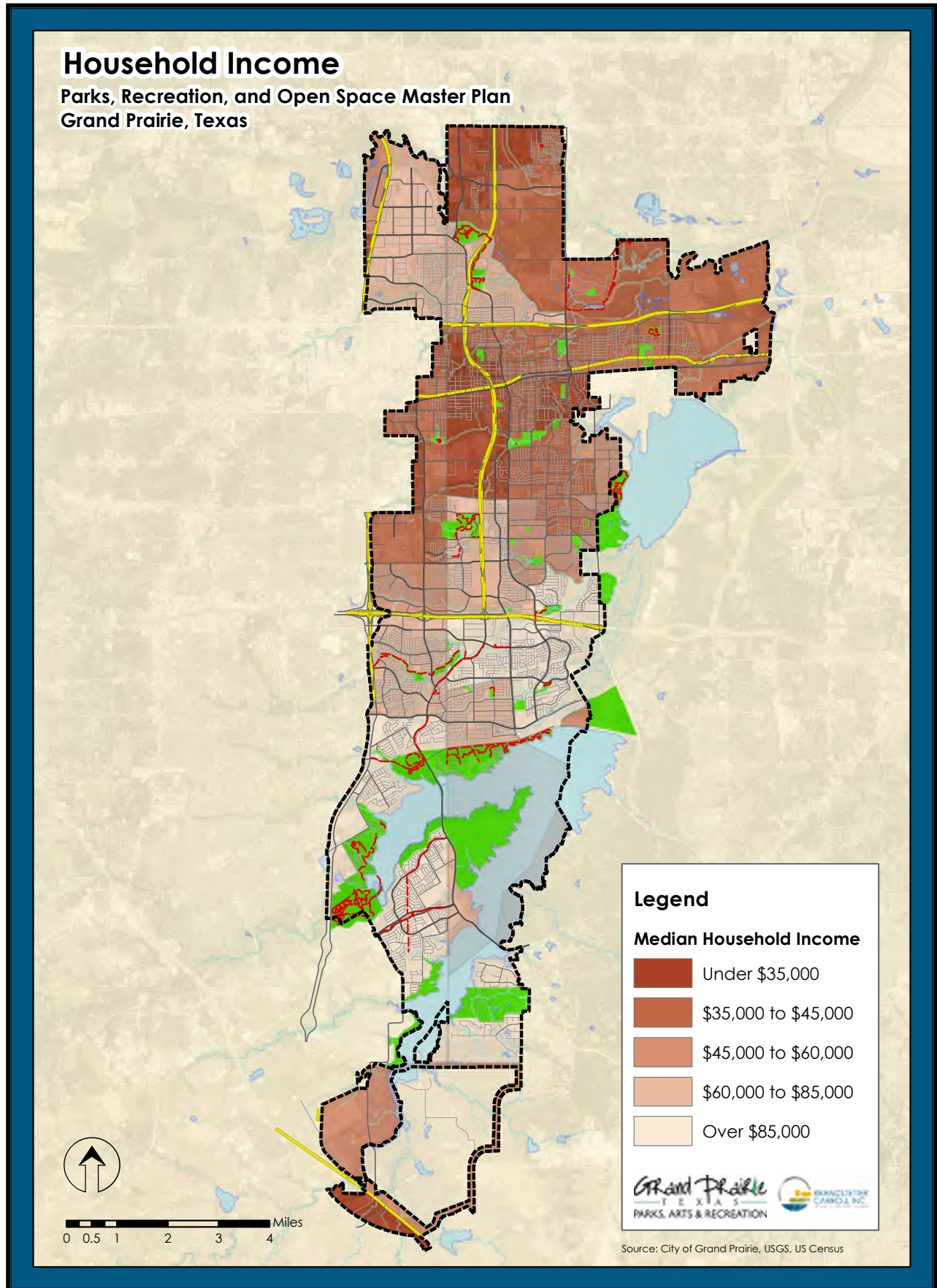


Figure A-2: Education Level

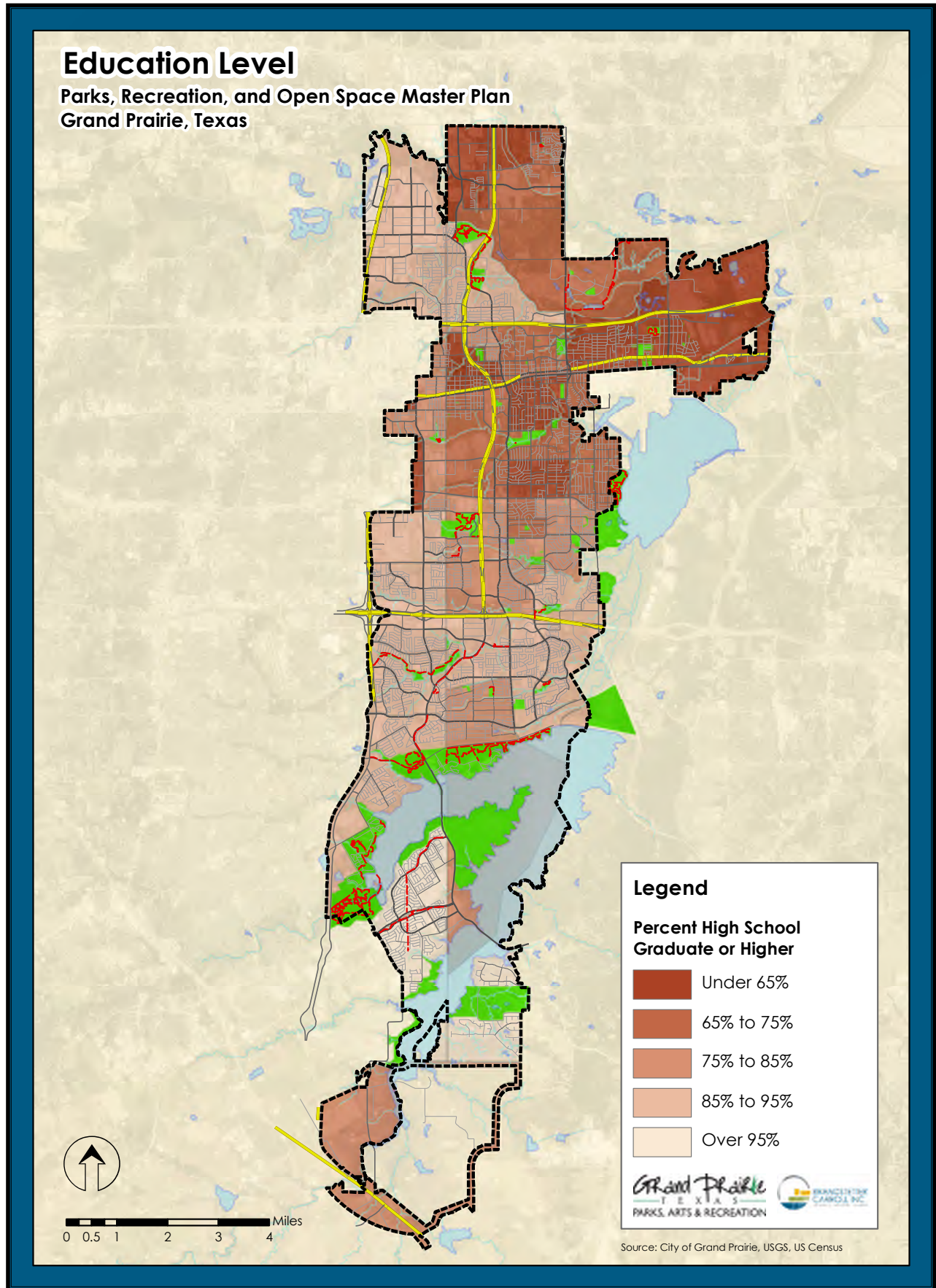


Figure A-3: Unemployment

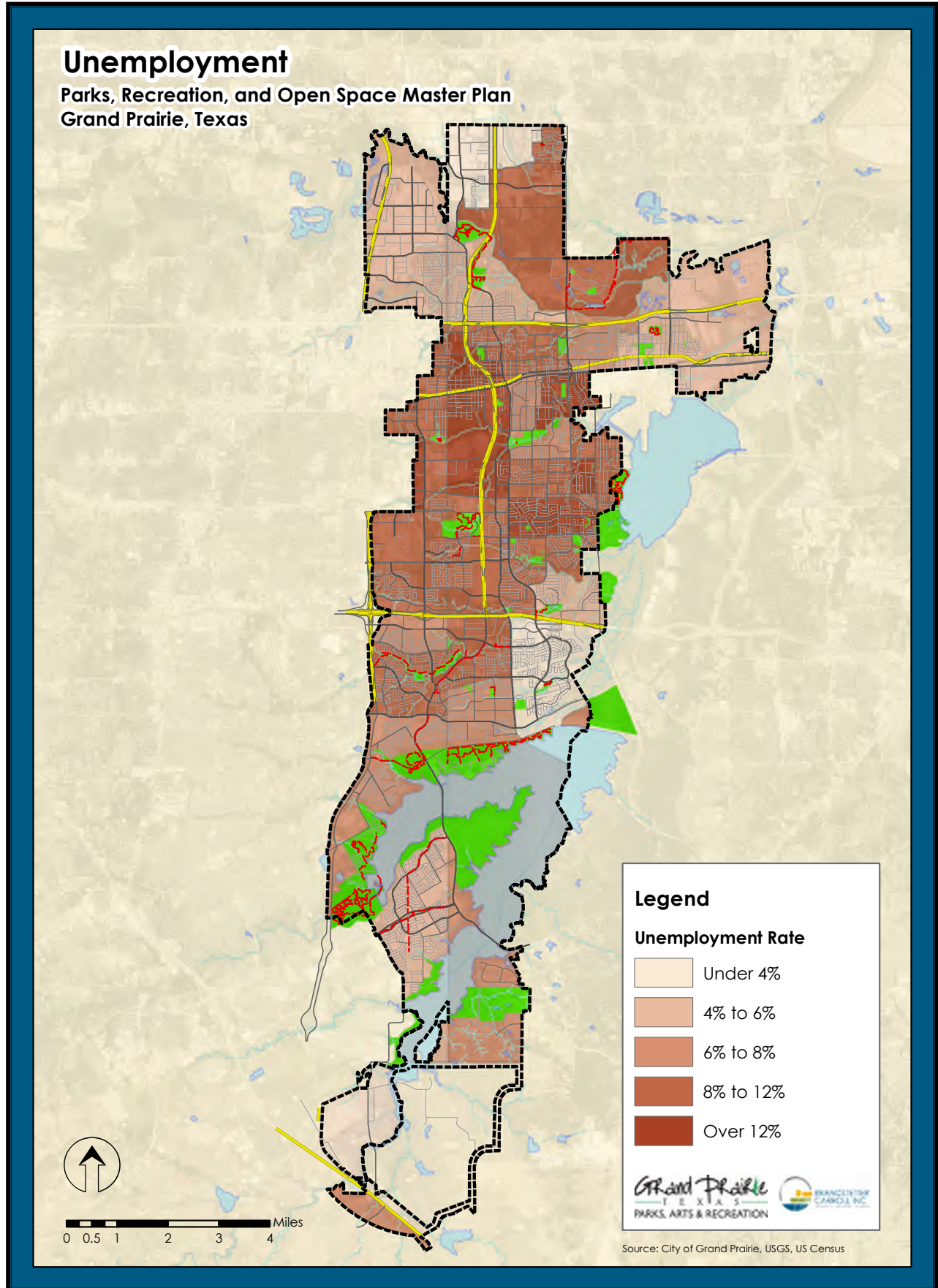


Figure A-4: Single Parent Households

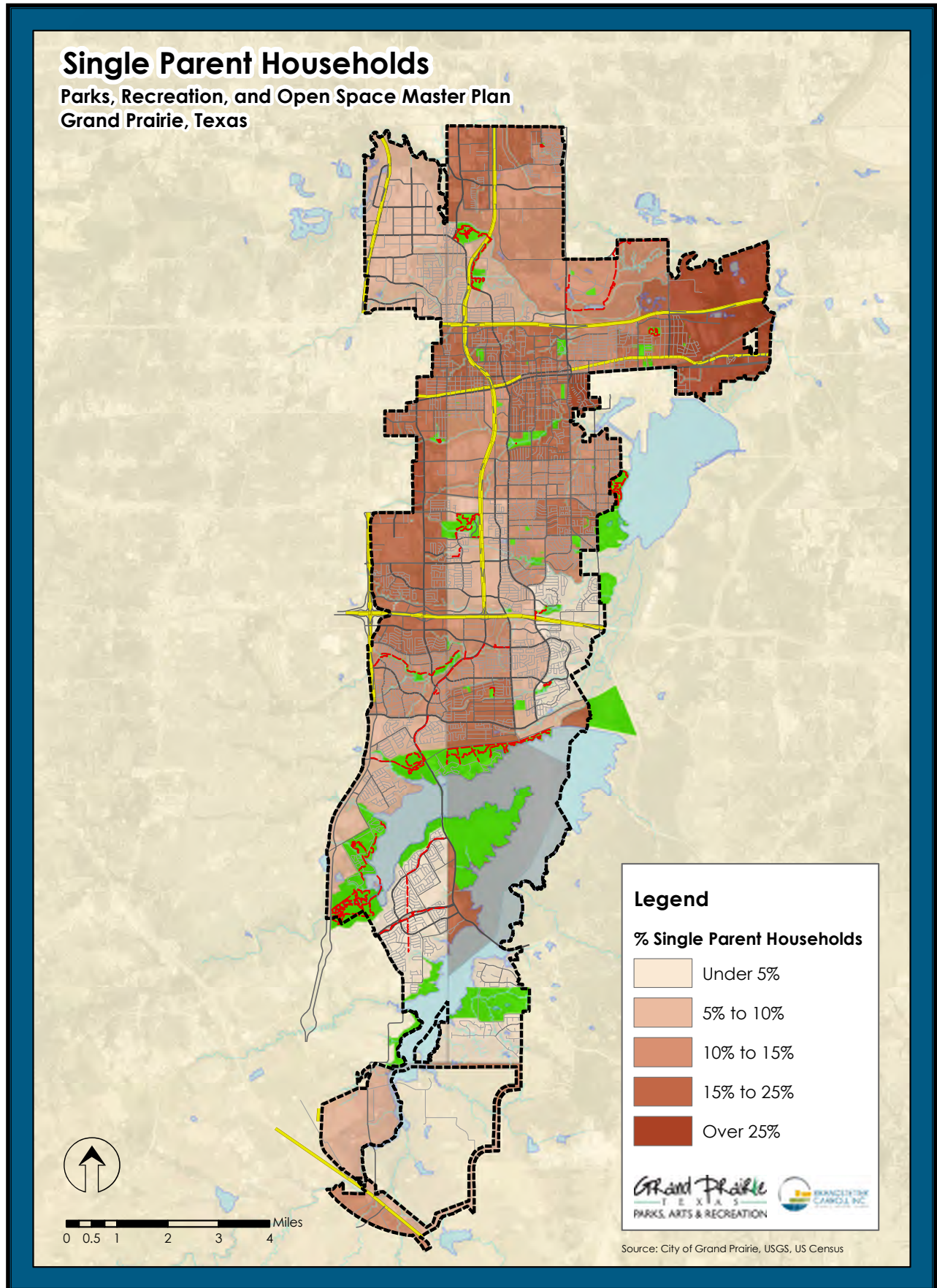


Figure A-5: Crime

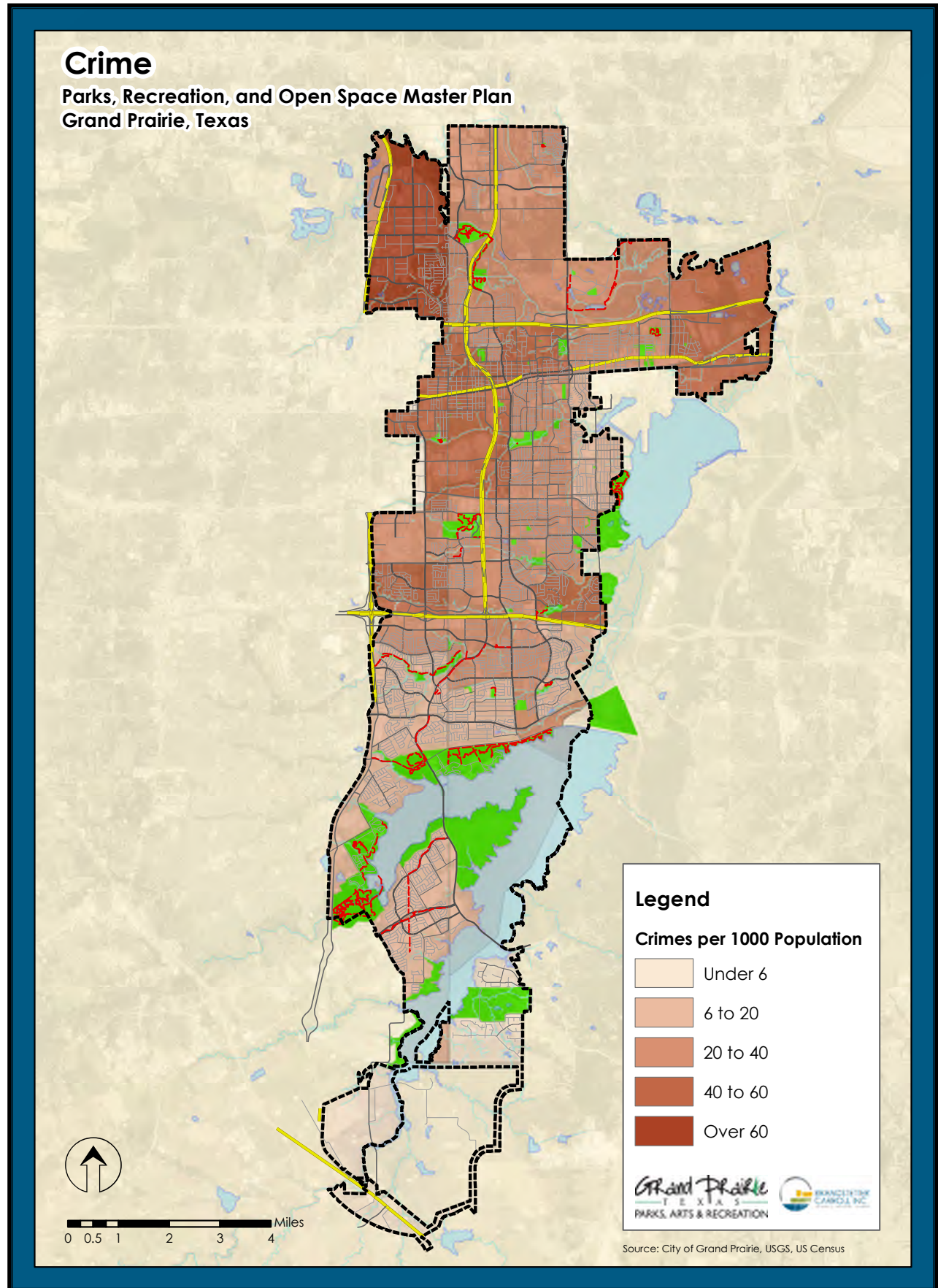


Figure A-6: Residents Under 18

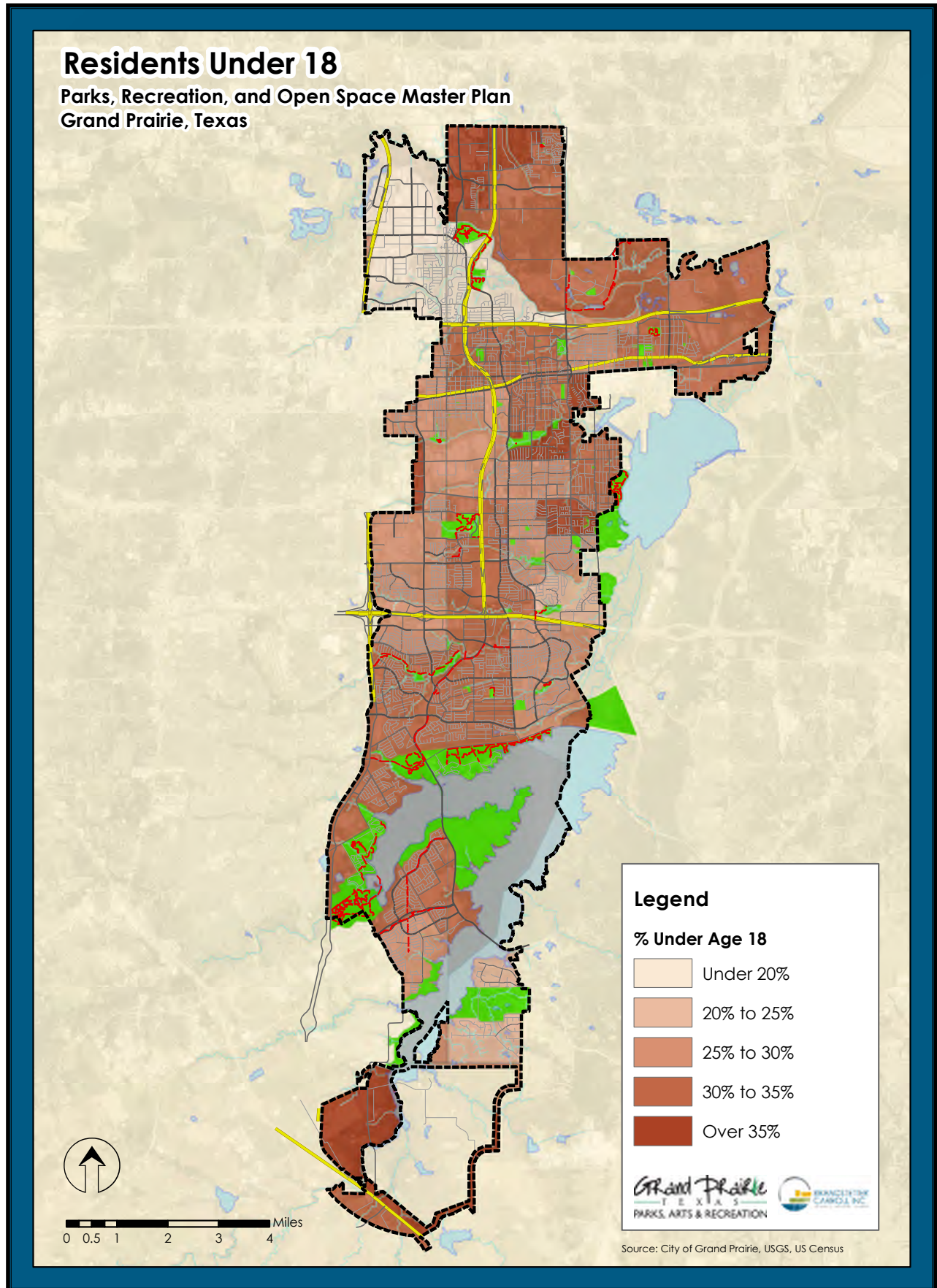


Figure A-7: Residents 65 or Over

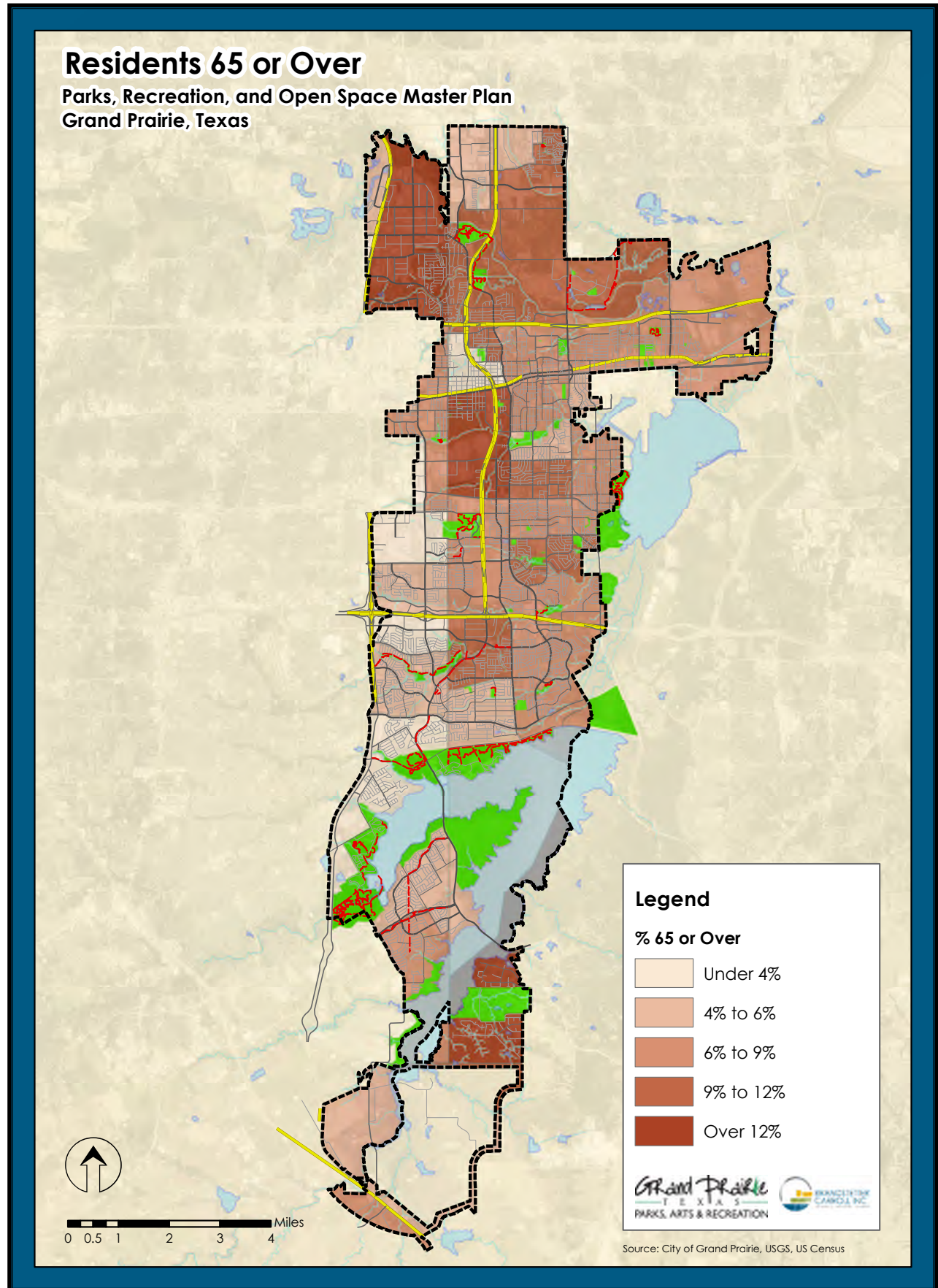


Figure A-8: Poverty Status

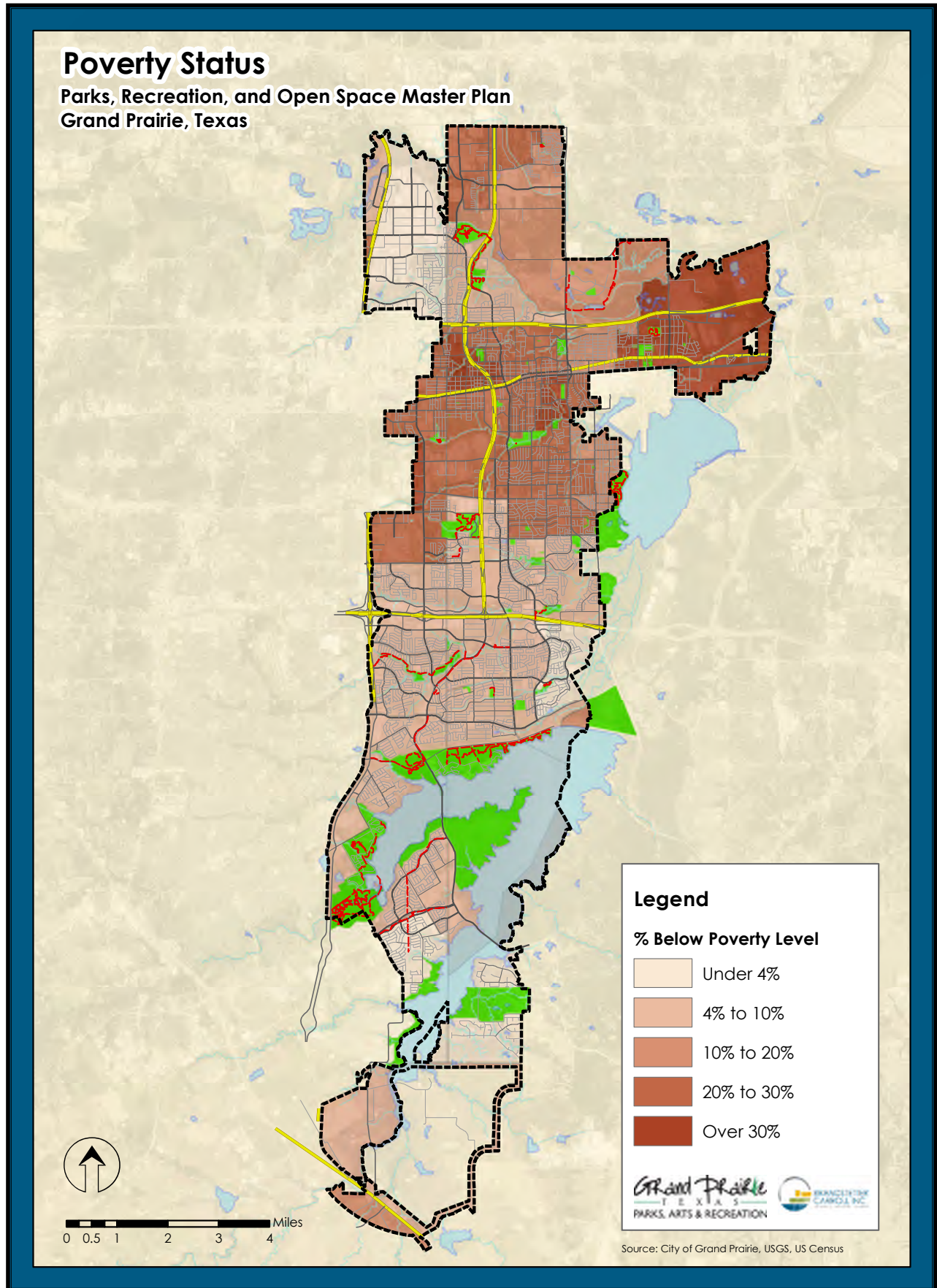
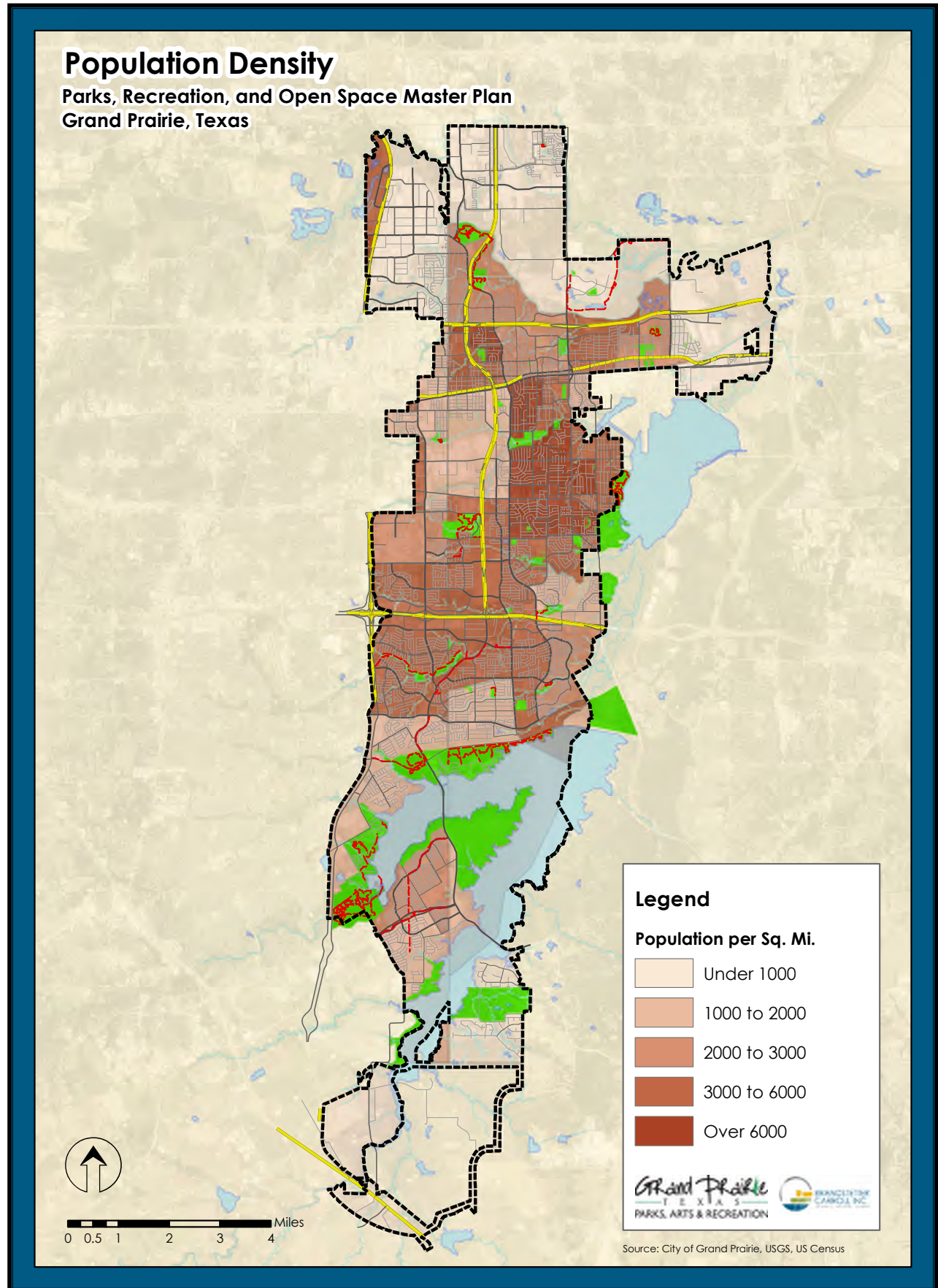


Figure A-9: Population Density



Process

These nine socioeconomic and demographic characteristics should help to identify populations within Grand Prairie most likely to have a need for and benefit from public sector services and programs, including (but not limited to) parks. The process utilized a ranking of the 46 census tracts (compared to each other) for each of the nine social needs factors.

The overall Social Needs and Conditions Index was determined through a three-step process that included the following components (see Figure A-10):

- Ranking for each of the 9 factors
- Determination of total score for each tract
- Overall Social Needs and Conditions Rank and Range (Quintile)

For the scoring, each of Grand Prairie's 46 census tracts was ranked by their level of needs for each factor with greater level of need scoring higher (tied scores given the same ranking). Table A-1 shows the values and ranking for each of the factors in the analysis.

Composite Social Needs Index

A Composite Social Needs Index (CSNI) score was determined for each census tract. The CSNI represents a combination of the nine variables or factors that characterize social conditions in each census tract. For each census tract, the individual rank for each of the nine variables was used to determine the composite score. This calculation assigned weights to the variables (see below). The Composite Score (CSNI) could theoretically range from 1 to 46 if the same tract ranked highest or lowest for all factors; however, the actual scores ranged from 8.7 to 37.1. The composite score was then used to rank the census tracts from one to 46. These values were then assigned to quintiles (ranges of 20%).

Equation Used:

$$A + B + C + D + E + F + G + 2*H + 2*I / 11 = \text{CSNI Score}$$

Where:

A = Median household income

B = Education level

C = Unemployment

D = Single parent households

E = Crime

F = Residents under age 18

G = Residents age 65 or older

H = Poverty

I = Population density

Table A-1: Social Needs and Conditions Index Table

CENSUS TRACT	Median Household Income		% High School Graduate or Higher		Unemployment Rate		% Single Parent Households		Crime Per 1000 Population		% Under Age 18		% Age 65 or Over		% Below Poverty Level		Population Per Square Mile		Composite Score (A+B+C+D+E+F+G+2*H+2*I)/11	Overall Social Needs Rank	
	Value	Rank (A)	Value	Rank (B)	Value	Rank (C)	Value	Rank (D)	Value	Rank (E)	Value	Rank (F)	Value	Rank (G)	Value	Rank (H)	Value	Rank (I)		Rank	Quintile
153.03	\$34,180	39	61.9%	40	3.4%	4	15.2%	27	35.8	36	35.8%	42	4.6%	11	22.0%	29	977	9	25.0	27	3
153.04	\$41,358	30	69.2%	34	9.4%	29	13.4%	24	29.3	28	31.7%	27	9.4%	38	19.0%	25	558	7	24.9	26	3
154.01	\$62,615	15	94.0%	7	5.5%	10	6.2%	8	27.0	24	19.8%	3	9.9%	40	8.8%	18	2,520	21	16.8	13	4
154.03	\$35,188	37	76.6%	26	9.0%	28	15.3%	28	35.1	35	31.2%	25	10.6%	41	28.3%	40	8,071	42	34.9	42	1
154.04	\$30,755	44	60.8%	42	17.8%	45	22.6%	41	43.6	41	34.7%	39	4.0%	7	42.5%	46	4,310	31	37.5	46	1
155	\$37,614	32	71.0%	32	10.6%	35	17.2%	33	53.0	43	34.6%	38	8.9%	35	26.7%	38	2,565	22	33.5	39	1
156	\$36,750	35	64.0%	37	6.1%	16	10.9%	17	34.3	34	28.4%	14	7.4%	26	18.6%	24	4,245	30	26.1	29	2
157	\$39,913	31	62.6%	38	5.6%	12	20.9%	40	32.0	30	33.9%	36	7.3%	25	31.2%	42	2,085	18	30.2	32	2
158	\$36,737	36	50.4%	45	6.0%	15	28.6%	45	59.0	45	34.2%	37	8.4%	33	32.2%	42	433	6	32.0	38	1
159	\$34,267	38	70.3%	33	14.3%	40	27.6%	44	16.2	16	36.5%	43	5.0%	14	26.8%	39	1,117	12	30.0	31	2
160.01	\$44,023	27	48.8%	46	7.0%	21	16.2%	30	33.1	33	32.6%	34	8.0%	31	22.8%	32	8,031	41	33.5	40	1
160.02	\$31,694	42	62.6%	38	13.5%	39	19.6%	38	30.0	29	32.4%	32	7.5%	27	35.9%	44	4,454	33	36.3	45	1
161	\$29,063	45	74.9%	29	15.2%	42	14.8%	26	47.7	42	27.8%	12	19.7%	46	24.0%	34	1,403	14	30.7	34	2
162.01	\$44,848	25	72.6%	30	8.0%	25	18.3%	35	27.7	25	35.5%	41	5.0%	13	24.3%	36	6,772	40	31.5	36	2
162.02	\$42,880	28	59.7%	43	9.9%	33	10.9%	19	20.2	20	29.2%	16	9.4%	37	22.4%	31	8,329	43	31.3	35	2
163.01	\$58,151	18	68.1%	35	10.5%	34	12.7%	21	14.4	14	30.0%	21	6.6%	22	19.9%	26	3,159	25	24.3	24	3
163.02	\$42,313	29	65.5%	36	18.3%	46	10.9%	18	15.4	15	31.1%	24	8.1%	32	22.0%	29	6,654	39	30.5	33	2
164.01	\$74,420	10	81.7%	24	8.3%	26	7.8%	12	28.4	27	32.0%	30	6.2%	19	7.4%	11	3,090	24	19.8	17	4
164.06	\$48,057	24	72.4%	31	16.5%	44	13.3%	23	36.1	37	29.8%	20	7.7%	28	20.7%	28	9,630	44	31.9	37	1
164.07	\$36,832	33	75.5%	28	14.5%	41	16.0%	29	22.1	22	36.9%	44	7.2%	24	28.7%	41	9,685	45	35.7	43	1
164.08	\$48,391	23	75.7%	27	9.6%	32	14.1%	25	22.4	23	27.8%	13	9.5%	39	8.6%	17	3,267	27	24.5	25	3
164.09	\$103,221	3	86.0%	17	5.0%	8	2.6%	2	40.8	39	21.0%	4	8.6%	34	6.6%	9	1,526	15	14.1	10	4
164.10	\$89,677	8	92.2%	11	10.7%	36	10.8%	16	27.9	26	31.9%	29	9.1%	36	7.8%	13	3,281	28	22.2	21	3
164.11	\$74,156	11	84.9%	21	7.4%	23	19.8%	39	13.3	13	32.6%	33	5.3%	16	6.8%	10	1,060	10	17.8	14	4
164.12	\$101,209	5	93.4%	8	1.3%	1	3.1%	3	19.6	19	29.3%	18	6.4%	21	2.1%	3	2,095	19	10.8	3	5
164.13	\$90,172	7	91.9%	12	2.7%	2	5.1%	6	20.6	21	26.8%	10	8.0%	30	5.9%	5	3,238	26	13.6	9	5
165.10	\$57,478	19	85.8%	18	7.7%	24	19.1%	36	0.0	1	32.3%	31	6.0%	18	14.1%	23	1,869	17	20.6	20	3
165.22	\$53,851	20	85.4%	19	6.9%	20	10.3%	14	0.0	1	21.5%	5	13.4%	45	11.9%	21	415	5	16.0	11	4
165.23	\$101,761	4	95.5%	4	6.8%	18	0.9%	1	2.0	7	23.7%	6	13.4%	44	2.0%	2	414	4	8.7	1	5
607.01	\$59,226	16	84.5%	22	3.3%	3	6.8%	9	1.0	6	41.2%	46	4.9%	12	6.0%	6	153	2	11.8	5	5
607.03	\$51,586	22	94.7%	5	3.8%	5	11.2%	20	0.0	1	25.5%	8	10.9%	42	9.7%	19	249	3	13.4	7	5
608.03	\$32,489	41	82.5%	23	7.3%	22	10.5%	15	0.0	1	31.3%	26	7.0%	23	13.2%	22	111	1	17.9	15	4
1113.13	\$107,660	1	97.8%	2	5.8%	14	4.1%	5	11.6	12	29.7%	19	7.8%	29	3.5%	4	1,067	11	10.2	2	5
1115.36	\$44,527	26	85.3%	20	8.5%	27	23.8%	43	37.9	38	28.5%	15	3.9%	6	23.5%	33	2,125	20	25.5	28	2
1115.37	\$59,176	17	92.3%	10	9.5%	31	17.5%	34	53.5	44	27.0%	11	5.5%	17	8.1%	15	4,235	29	22.9	22	3
1115.38	\$65,417	14	90.9%	13	6.6%	17	16.2%	31	33.0	32	26.1%	9	3.3%	3	8.2%	16	5,578	36	20.3	19	3
1115.39	\$83,376	9	88.7%	15	9.5%	30	12.8%	22	17.0	17	30.5%	23	4.4%	8	7.8%	13	4,609	34	19.8	18	4
1115.47	\$66,272	13	86.1%	16	4.9%	7	16.5%	32	0.2	5	32.9%	35	3.8%	5	10.5%	20	4,377	32	19.7	16	4
1115.48	\$93,750	6	89.3%	14	6.9%	19	7.4%	11	17.5	18	31.9%	28	3.8%	4	6.3%	7	1,315	13	12.7	6	5
1115.49	\$106,046	2	97.3%	3	5.2%	9	3.9%	4	6.0	11	30.3%	22	4.5%	9	6.3%	7	2,940	23	10.9	4	5
1130.01	\$67,517	12	92.4%	9	5.7%	13	5.1%	7	90.2	46	14.0%	1	12.0%	43	1.9%	1	790	8	13.5	8	5
1130.02	\$36,795	34	79.0%	25	11.6%	37	19.3%	37	43.2	40	29.3%	17	6.3%	20	20.7%	27	1,564	16	26.9	30	2
1131.13	\$52,863	21	99.3%	1	4.5%	6	8.3%	13	32.2	31	14.4%	2	4.5%	10	7.7%	12	5,934	37	16.5	12	4
1131.16	\$32,650	40	94.6%	6	5.5%	11	6.9%	10	3.3	10	25.1%	7	2.1%	2	25.0%	37	13,340	46	22.9	23	3
1219.03	\$26,867	46	53.7%	44	12.5%	38	32.6%	46	2.6	9	39.1%	45	1.2%	1	41.4%	45	5,962	38	35.9	44	1
1219.04	\$31,282	43	60.9%	41	16.3%	43	23.0%	42	2.6	8	34.8%	40	5.0%	15	24.0%	34	4,862	35	33.6	41	1

Analysis

Finally, the composite value ranges (quintiles) were used to produce a map in ArcGIS, which can be seen in Figure A-11. This map indicates the census tracts that exhibit the highest level of social needs. Census tracts with higher levels of social need are shown in darker shades of red. The areas with the lower levels of social needs tend to be located in the newer, lower density portions of the City, while the areas with higher social needs tend to be located in older, higher density portions of the City. The 10 census tracts ranking in the top 20 percent for social needs were located in the following areas (in descending order of size):

- The central portion of the City, south of I-30, on both side of the President George Bush Turnpike and extending south to S.H. 303
- The northeastern most point of the City leading into the City of Dallas along I-30
- A tract to the south of S.H. 303 and north of Warrior Trail, to the west of Mountain Creek Lake
- The area along the western border of Grand Prairie to the west of the Great Southwest Parkway

Figure A-10: Social Needs and Conditions Methodology

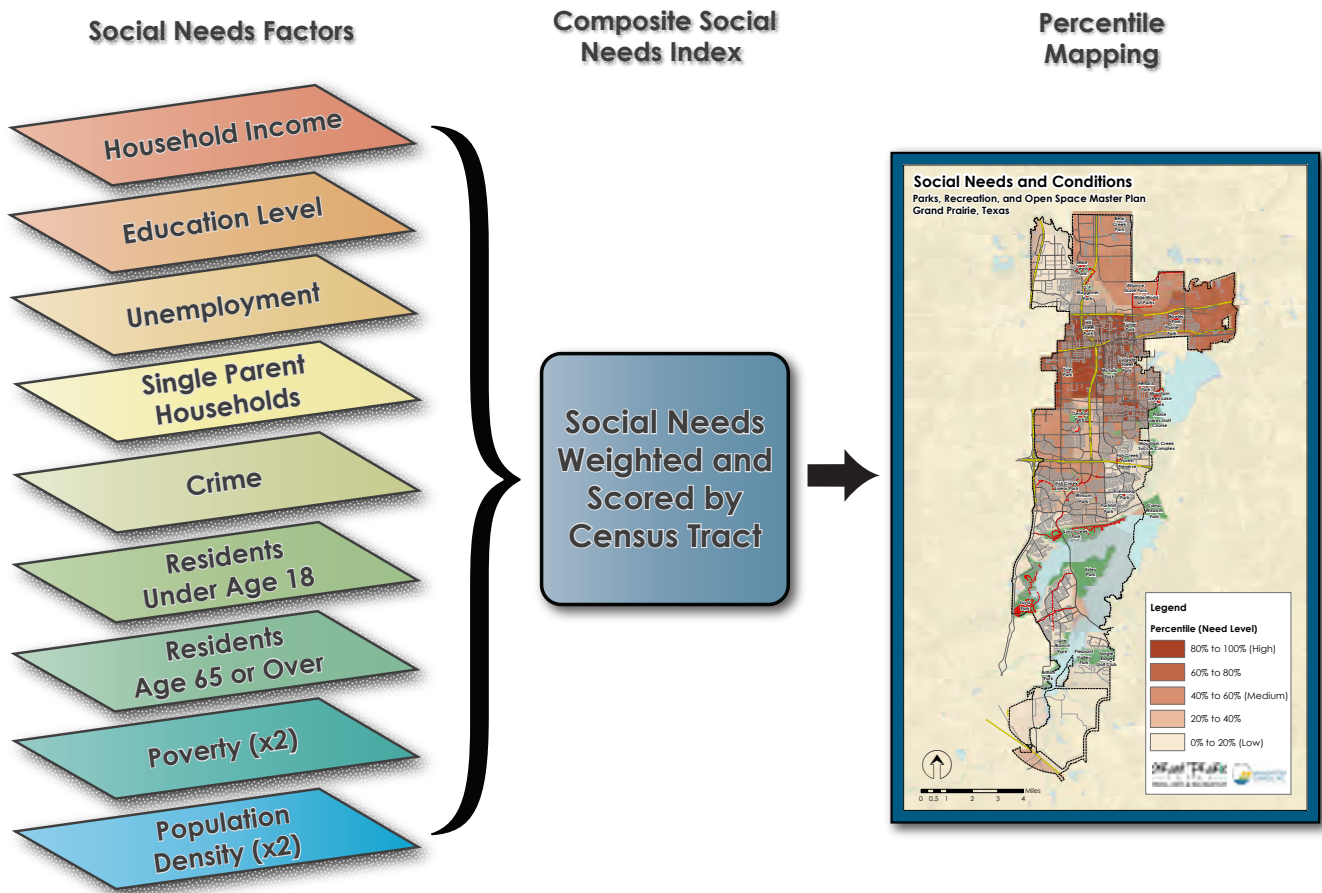
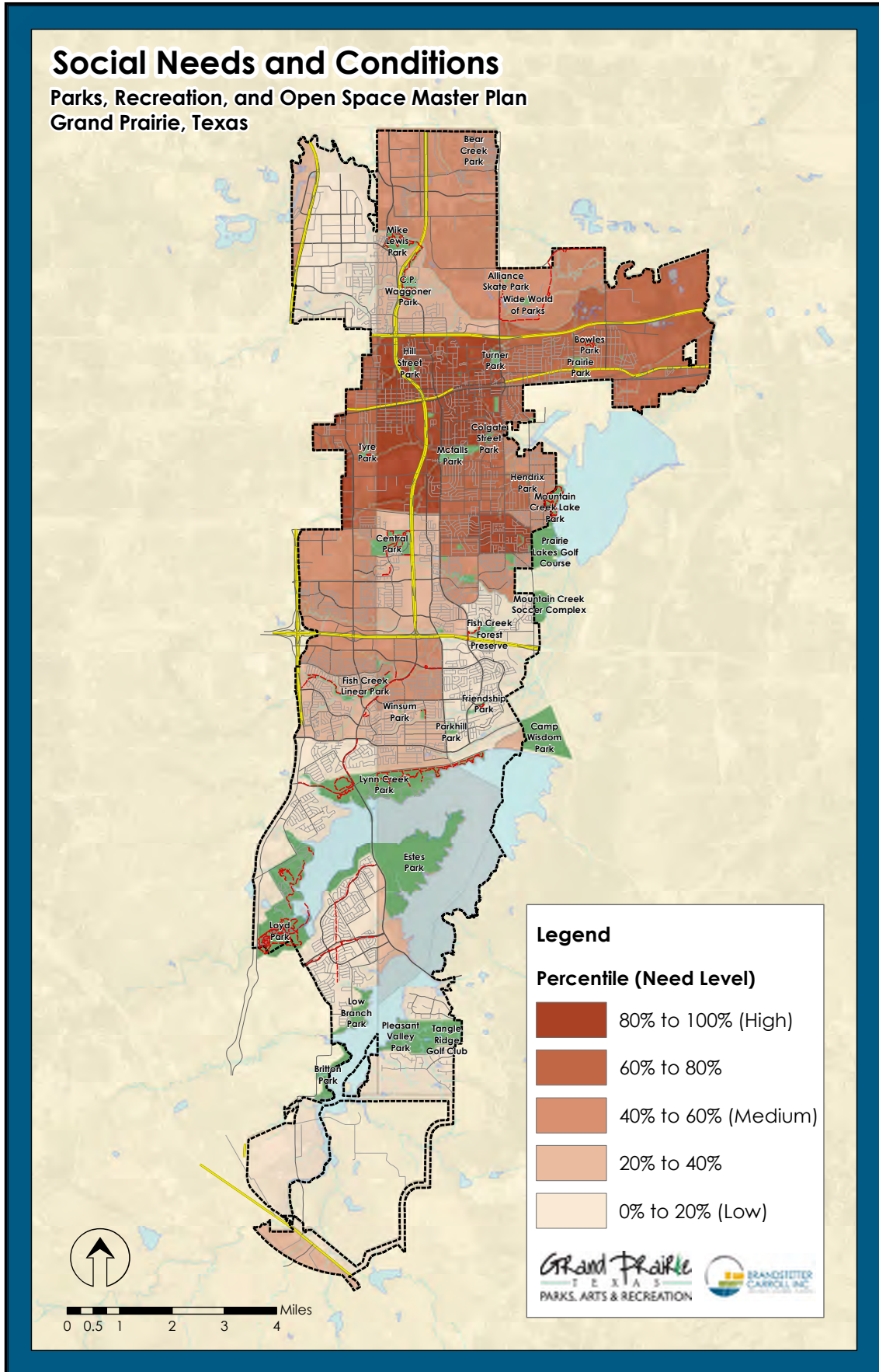


Figure A-11: Social Needs and Conditions



SERVICE AREA ANALYSIS

The spatial distribution of parks throughout Grand Prairie is important because residents are more able and willing to access facilities that are close to their homes. For this analysis, travel times (walking or driving) based on the street network were used to determine service areas for parks by park type and for specific facilities within parks. The size of the service areas vary depending on the amenity in question. This analysis used the Network Analyst Extension in ArcGIS for the development of both the spatial data and the maps used in the report.

Creation of Network

Before service areas could be determined, a network must be created for analysis using ArcGIS. The creation of this network required the creation of a Network Dataset within a Feature Dataset. The Network Dataset used the "Road_centerlines" shapefile provided by the City of Grand Prairie. The Network Dataset utilized a Field within the Attribute Table representing the quantity of minutes required to travel each road segment.

This "Cost" was based on the expected travel speed and length for each road segment. Because the data did not include speed limits, values for speed limits were assigned based on road class. The assigned speed limits were as follows (in MPH):

- Highway = 60
- Major Arterial = 40
- Arterial = 40
- Collector = 30
- Local = 25
- Park = 25

A second Network Dataset was created to represent the pedestrian network. This second network excluded all highways because they are not appropriate or safe for pedestrian use.

Determination of Service Areas

Once the Network Datasets were created, they could be utilized to determine the service areas for parks and facilities. This process to develop the service area consisted of five steps for each service area distances.

1. Create a "New Service Area" in ArcGIS
2. Use "Add Locations" function to indicate specific locations representing the entrances to each park
3. Set the impedance or cost – in Minutes
4. Solve the network to generate polygons
5. Export Data

This process was repeated to generate service areas representing the following travel times:

- 5 minute walk
- 10 minute walk
- 5 minute drive
- 10 minute drive
- 15 minute drive
- 20 minute drive

The shapefile for park entrances was created using the "Road_centerlines" and "Parks" shapefiles, combined with aerial imagery, all provided by the City of Grand Prairie. Additionally, the process above was repeated to determine a 10 minute walk to the schools in Grand Prairie with playgrounds and/or basketball courts and to determine a 10 minute walk to a trail access point (trailhead or intersections of roads and trails). Drive times for service area creation were set to half of the actual time to account for traffic and to better approximate real-world travel times (ex. 10 minute drive time used setting for 5 minutes). These results were consistent with those estimated by Google Maps.

Park and Facility Service Areas

Once the service area ranges were determined using Network Analyst function in ArcGIS, the next step in the process was to assign service areas to parks by park type and to various recreational facilities. The travel times associated with each park or facility are based on common travel time measurements. For example, a 10 minute walk is a commonly used measurement for the distance a person will travel for a frequently used service. The travel times assigned are based on the use level of the amenity, which corresponds, with the length of time a user is likely to spend at the destination. For example, users are likely to be willing to travel a greater distance to use a large Community Park or Recreation Center than to use a Neighborhood Park, because the larger facility would likely keep them or their families occupied for much longer.

The travel time shapefiles for the previous step were used to create a series of service area maps. For each map, the areas corresponding to the location of the amenity in question were selected using "Definition Query" from the travel time layers. For example, the Park Service Areas map (Figure V-1) shows a 5 minute walk to a Mini Park or larger, so the 5 minute walk areas for a Mini, Neighborhood, Community, City Park, or Regional Park were all selected to be shown in the map. In contrast, a 10 minute drive is indicated only for a City Park or Regional Park. These areas were turned-on (or the other areas were turned-off) in the corresponding travel time layers within ArcGIS because they applied to the specific park feature represented in the map. Most maps show more than one travel time to a feature to show varying levels of service, because even if the target service area is a 10 minute drive, those within a 5 minute drive have better access to the facility. The information presented in Table IV-2 was used to assign park type classification and to select the service areas corresponding to the sites where each of the mapped park features were located.

Composite Service Areas

The composite service areas map consists of a weighted overlay of each of the park and facility service areas. A single shapefile was created for each of the 15 facilities listed in Table A-2 below (playground and basketball courts at school are part of those data layers) that included the levels of service (travel times) as indicated in the table. Scores were assigned to the travel time from each facility as indicated with a higher score for a shorter travel time. To produce a composite service areas, the "Union" function in ArcGIS was used to combine these 15 layers into one layer.

Once the scoring for all layers was combined into a single layer, a Field was added to the Attribute Table to indicate the composite score. The scores for the 15 facilities were tallied to represent this composite score for each area in Grand Prairie. Finally, the areas were divided into five categories based on the percentage of possible points (out of 30). These areas were then presented in the Composite Park Service Levels map. The five areas were then exported to a new shapefile and uploaded to ESRI Business Analyst to estimate the population living within each level of service.

Table A-2: Composite Map Scoring

Facility/Score	5 Minute Walk	10 Minute Walk	5 Minute Drive	7.5 Minute Drive	10 Minute Drive	15 Minute Drive	20 Minute Drive	Notes
Park Classification								
Mini Park	2	N/A	N/A	N/A	N/A	N/A	N/A	Includes larger parks
Neighborhood Park	N/A	2	N/A	N/A	N/A	N/A	N/A	Includes Community, City, and Regional Parks
Community Park	N/A	N/A	2	N/A	1	N/A	N/A	Includes City and Regional Parks
Outdoor Recreation								
Playground (at Park)	N/A	2	N/A	N/A	N/A	N/A	N/A	
Playground (at School)	N/A	1	N/A	N/A	N/A	N/A	N/A	
Swimming Pool	N/A	N/A	2	N/A	1	N/A	N/A	
Lake Swimming	N/A	N/A	N/A	2	N/A	1	N/A	
Game Courts								
Basketball	N/A	2	N/A	N/A	N/A	N/A	N/A	
Basketball (at School)	N/A	1	N/A	N/A	N/A	N/A	N/A	
Tennis	N/A	N/A	2	N/A	1	N/A	N/A	
Athletic Fields								
Ballfields	N/A	N/A	2	N/A	1	N/A	N/A	
Rectangular	N/A	N/A	2	N/A	1	N/A	N/A	
Indoor								
Community Center	N/A	N/A	2	N/A	1	N/A	N/A	Includes Epic
The Summit	N/A	N/A	N/A	N/A	2	N/A	1	
The Epic	N/A	N/A	N/A	N/A	2	N/A	1	
Passive Recreation								
Large Pavilions	N/A	N/A	2	N/A	1	N/A	N/A	Includes small shelters for 5 minute
Trails	N/A	2	N/A	N/A	N/A	N/A	N/A	To trailhead, park, or access point

Priority Improvement Areas

This analysis was intended to show portions of Grand Prairie most in need of additional park services. The highest level of need consists of areas that have both a low level of park services and a high level of social needs. The first step in this analysis was to combine the two layers into a single shapefile so that areas of overlap could be selected for display. The "Union" function in ArcGIS was used to produce this layer.

This single layer was used to define areas with High and Medium need for additional services. The areas are defined and presented as follows:

- High = Lowest three quintiles of Composite Service Areas (0% to 60% of services) plus the upper two quintiles of Social Needs (60% to 80% percentile rank)
- Medium = Lowest three quintiles of Composite Service Areas (0% to 60% of services) plus the middle quintile of Social Needs (40% to 60% percentile rank)

Because only lower scoring (bottom 60%) areas were included in the analysis, all areas were shown as having High or Medium need for additional park services. The lowest scoring composite park service areas (lowest 20%) are also included on the map to indicate other areas that might benefit from additional service, despite not scoring high on the social needs index.



Appendix B
Trail Design Guidelines

APPENDIX B - TRAIL DESIGN GUIDELINES

TRAIL DESIGN STANDARDS

Two general classifications of trails are recommended in Grand Prairie as part of the *Project Discovery 2026* master plan. Each of these categories is discussed in the ensuing text with specific criteria for each type of trail. The categories include:

1. Multi-Use Trails – Trails designed for multiple uses that may be located either inside or outside of a park and are physically separated from motorized vehicular traffic by an open space or barrier (within the highway right-of-way or within an independent right-of-way)
2. Managed Use Trails – Trails located within a park that are designed for a specific use such as equestrian, hiking, or biking (may be managed for additional uses)

The key to implementing these design guidelines is to first determine which type of trail is appropriate for the intended use (or uses) and volume of participation expected in a specific location. The potential locations for additional multi-use trails are outlined in Chapter VII under the heading “Trail Plan,” while the locations for park trails are indicated in the same chapter under the heading “Individual Park Recommendations.”

Multi-Use Trails

A multi-use trail provides the most flexibility to accommodate the widest variety of users. The American Association of State Highway and Transportation Officials (AASHTO) refers to these trails as shared-use paths, due to potential legal definitions for trails in some jurisdictions. That terminology is used throughout the ensuing discussion; however, for the purposes of planning and design in and resulting from this master plan, the terms multi-use trail and shared-use path should be treated interchangeably, or a shared-use path could be considered to be a multi-use trail built to the AASHTO standards.

According to AASHTO, shared-use path users include adult bicyclists (including those with trailers), child bicyclists, inline skaters, roller skaters, skateboarders, kick scooter users, and pedestrians (including walkers, runners, people using non-motorized or motorized wheelchairs, people with strollers, and people walking dogs).¹ The Texas Department of Transportation (TxDOT) recommends the use of the guidelines outlined in AASHTO’s *Guide for Development of Bicycle Facilities*, and in order to receive federal funding for projects, a project must conform to these standards. The AASHTO guidelines represent the basis of the standards described in this text unless otherwise indicated, and these guidelines should be consulted in the design process of proposed routes.

1. Sidepaths

A shared-use path adjacent to a roadway (within the same right-of-way) is known as a sidepath. The AASHTO guidelines recommend development of shared-use paths in separate rights-of-way rather than adjacent to roads (and within the road right-of-way). However, sidepaths can be used in some locations, particularly along highways with minimal driveways and road crossings. The concerns for sidepaths are primarily related to potential conflict at intersections or driveways (particularly when cyclists are traveling against the direction of traffic). It should be noted that AASHTO does not allow sidepaths to be used to replace on-road facilities, including bike lanes or paved shoulders.

2. Tread Width

According to the AASHTO guidelines, a shared-use path with travel in both directions should have a minimum surface width of 10 feet, typically ranging between 10 and 14 feet (sometimes up to 20 feet). A wider trail is recommended in areas with high use or with a wide variety of user groups, and a width of eleven feet is required for a bicyclist to pass another trail user (traveling in the same direction) while another user is headed in the other direction. A wider trail is also recommended if the trail will experience significant use by inline skaters, children, or adults with trailers as well as at curves or in portions of trails characterized by steep grades. In rare circumstances, including low peak bicycle traffic and minimal pedestrian use, a width of eight feet may be allowed. Signage should be used to remind cyclists to pass on the left and to use audible warnings before doing so. Centerline striping can also be used to indicate when cyclists can safely pass other path users (dotted when safe, solid when unsafe).

¹ AASHTO. *Guide for Development of Bicycle Facilities, Fourth Edition*. American Association of State Highway and Transportation Officials, Washington, DC, 2012.

The same design guidelines apply for shared-use paths whether they are located within the road right-of-way (sidepath) or have their own right-of-way with some exceptions which are described below. A minimum of two feet (three to five feet preferred) of graded area should be provided on both sides of the path with a maximum cross-slope of one vertical foot for every six feet of horizontal distance. A minimum of five feet should be provided adjacent to a body of water or steep slope.

3. Railings

Railings should be used to provide separation from steep slopes, bodies of water, or in some cases vehicle traffic. Railings on shared-use paths (see image) should be at least 42 inches high to prevent bicycle riders from flipping over the top of the rail. Protrusions at handlebar height should be avoided. A rub rail should also be used at handlebar height.



Railing along a shared-use path

4. Clearance

Shared-use paths should maintain three feet of horizontal clearance (three is recommended) and 10 feet of vertical clearance from all projections, including poles, trees, fences, hydrants, or other obstructions. A minimum of five feet of separation is preferred between the shared-use path and the edge of the paved roadway surface (including bike lanes), and a railing should be used when conditions do not allow for this minimum separation. Figure B-1 shows a shared-use path in a dedicated right-of-way, and Figure B-2 shows a shared-use path (or sidepath) adjacent to a roadway. When developing a sidepath, as shown in Figure B-2, on-road bicycle facilities (a bike lane or paved shoulder) may still be required. A wider separation is recommended adjacent to high speed roads (and possibly a railing or other physical barrier). Shared-use path development should ensure that adequate stopping distances are provided and appropriate curve radii are maintained, consistent with AASHTO guidelines.

Figure B-1: Shared-Use Path

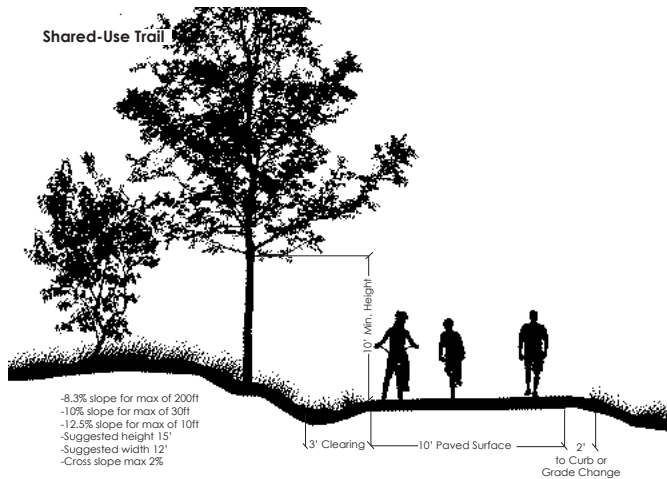
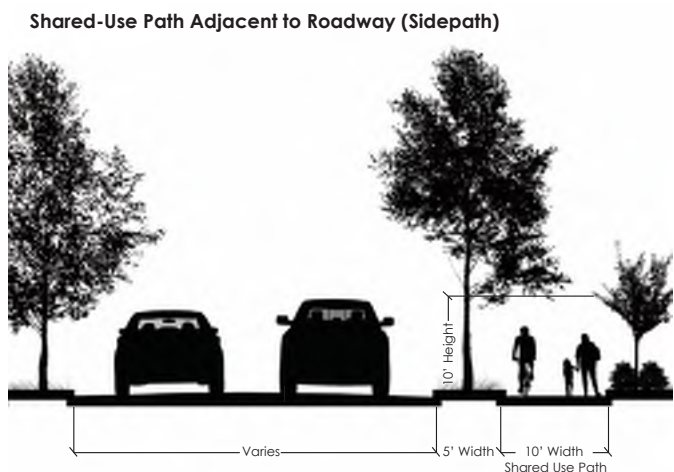


Figure B-2: Shared-Use Path Adjacent to Roadway (Sidepath)



5. Grade

The maximum grade on a shared-use path should be 5% in order to comply with Texas accessibility standards (ADA), unless physical constraints require a steeper grade. Additionally, the grade of a sidepath may exceed 5% if the adjacent road exceeds that grade. According to the *U.S. Forest Service Outdoor Recreation Accessibility Guidelines (FORSAG)*,² an accessible trail allows for a maximum of 8.33% slope for up to 50 feet or a 10% slope for up to 30 feet. The change in grade should

² Forest Service. *Forest Service Outdoor Recreation Accessibility Guidelines*. USDA Forest Service, Missoula, MT, 2013.

also be gradual as to accommodate all types of users, and the grade should transition to less than 5% at the top and bottom of the segment of steep grade. In addition, these portions of the shared-use path should have increased width, and rest intervals are required along any such segment.

The cross slope and drainage of a path must also be considered. For asphalt and concrete surfaces, a maximum cross slope of 2% is required to meet ADA requirements (and AASHTO guidelines), and minimum cross slope of 1% is recommended to ensure proper drainage.

6. Trail Surface

The AASHTO guidelines require the surface of a shared-use path to be either asphalt or concrete. Concrete offers a longer lifespan and is a better choice in Grand Prairie due to the local climate. Figure B-3 shows a recommended concrete path section with 5 inches of concrete surface and six inches of compacted base, exceeding AASHTO guidelines but providing a durable surface that can withstand periodic service and emergency vehicle traffic. Figure B-3 also provides a crossing detail where the shared-use path crosses a road. In some cases, a mid-block crossing may be preferable to a crossing at a high traffic intersection. The figure also provides details regarding striping, signage, and dimensions of the shared-use path.

7. Rest Areas

Rest areas on shared use paths should be provided periodically along the trail (approximately every half mile) and should ideally be located adjacent to the path for the safety of all users. A rest area should be relatively flat with a cross slope that does not exceed 2%. These rest areas are beneficial for all shared use path users, particularly for people with mobility impairments that experience more effort to walk than other path users. Ideally, rest areas should be approximately 15 feet by four feet in size and should include a bench (6 feet wide) for resting and an area where users can pull wheelchairs or bicycles off the trail surface. Additionally, rest areas should include trash receptacles and provide a good location for signage and wayfinding opportunities.

8. Minimizing Conflict

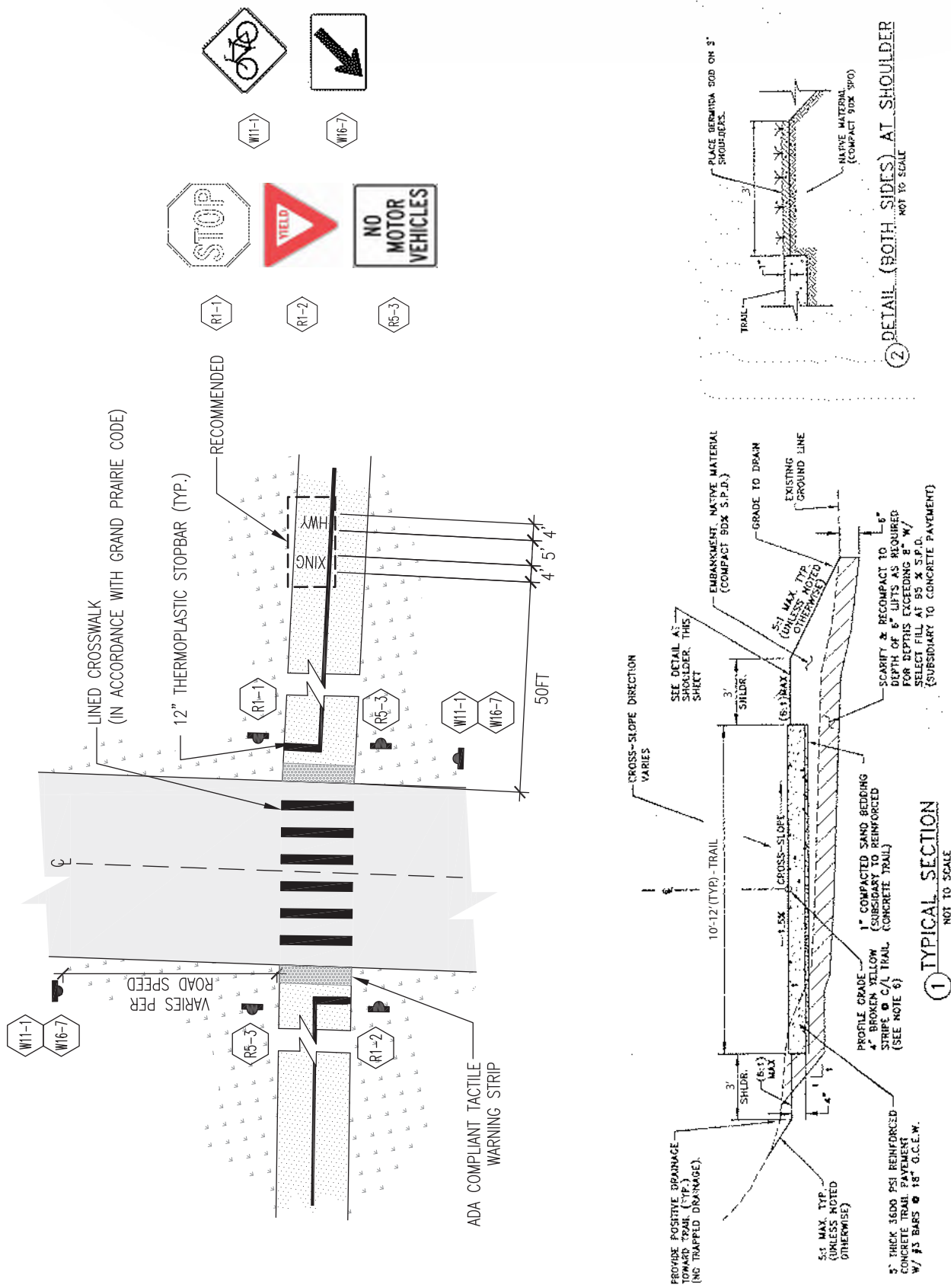
Designating sidewalks as signed bikeways is not recommended. In residential areas, sidewalk riding by young children is common. With lower bicycle speed and lower cross street auto speeds, potential conflicts are somewhat lessened but still exist. The “wide sidewalks” recommended in the Trail Plan in this master plan (Chapter VII) are intended for lower speed traffic, primarily pedestrians and child bicyclists (and their parents). These sidewalks may be a reduced width from the recommended 10 feet (possible as narrow as 6 feet) but otherwise should follow the design guidelines for shared-use paths. Since faster moving traffic is better suited to the street, these “wide sidewalk” segments should be developed in parallel with a designated “bike route” with signage on the adjacent roadway.

Accessible pathways should lead up to any shared-use path, and all access points along the shared-use path should be accessible to people with disabilities. Furthermore, any facilities located adjacent to the path should be designed for accessibility.

Shared-use paths attract a variety of user groups who often have conflicting needs. Pedestrians are affected by sudden changes in the environment and by other trail users, including bicyclists who travel at high speeds. However, the conflict on shared-use paths is especially significant for users, such as people with mobility impairments, who cannot react quickly to hazards. To improve the shared-use path experience for all users, including those with disabilities, designers and planners should be aware of potential conflicts and employ innovative solutions whenever possible. Basic conflict can be avoided through the following methods:

- Providing information, including signage, in multiple formats that clearly indicate specific users and rules of conduct
- Ensuring that the shared-use paths provide sufficient width and appropriate surfaces for everyone, or providing alternatives for different type of users
- Providing sufficient separation for users traveling at different speeds
- Providing the necessary amenities for all users, for example, bicyclists require bike racks or lockers

Figure B-3: Trail Detail



MANAGED USE TRAILS (PARK TRAILS)

Managed use trails refer to the trails located within a park and are actively managed for specific intended uses. The *U.S. Forest Service Trail Fundamentals and Trail Management Objectives* categorizes trails into the following five classes based on the level of development:

- Trail Class 1: Minimally Developed
- Trail Class 2: Moderately Developed
- Trail Class 3: Developed
- Trail Class 4: Highly Developed
- Trail Class 5: Fully Developed

These classes vary significantly on various attributes, including tread width, obstacles, constructed features, signage, and environment. Table B-1 provides a reproduction of the trail class matrix from the Forest Service guidelines (with modifications to better meet the needs of the City of Grand Prairie) and provides a good description of what users should expect to encounter on each class of trail.

Designed Uses

According to Forest Service guidelines which form the basis of many of these recommendations, managed use trails should be designed for a single use which determines the design parameters for that trail. While a trail may be managed for several uses, the use with the most limiting design requirements (vertical clearance, width, etc.) is identified as the designed use. Trails developed in Grand Prairie parks should be designed for pedestrian (walking or hiking) or bicycling (on- or off-road).

Design guidelines are provided in Table B-2 for each of these uses with references to the appropriate trail classes for each type of use. These guidelines are derived from Forest Service guidelines but have been reduced and modified to better describe Grand Prairie Parks, Arts, and Recreation Department facility recommendations. Multi-use trail guidelines are also included for reference in Table B-2; however, the guidelines presented previously (based on AASHTO standards) under the heading "Multi-Use Trails" should be used for the design of such trails.

Each designed use has two or three applicable trail classes, and the range of the parameters reflects all of these classes. The class of each trail should be determined using the trail class matrix (Table B-1) prior to design. Additional potential managed uses are also provided in Table B-2, but design guidelines for those uses should also be met on any trail intended for those uses. Other uses can be allowed on trails that are not designed or managed uses, but signage and difficulty levels may not be provided and the trails may not meet recommended design guidelines for those uses.

1. Pedestrian Trails

Pedestrian trail guidelines are separated into two categories: walking trails and hiking trails. Walking trails represent the primary access and circulation trails through the more developed portions of a park and are generally shorter in length, while hiking trails represent the longer more rugged trails that traverse through the more natural areas of a park. Interpretive signage should be provided along walking trails and hiking trails as appropriate to describe environmental characteristics and scenic locations. Walking trails should be offered at most (or all) parks, and hiking trails should be developed at larger parks with natural areas.

Walking trails should be designed to either Class 4 or Class 5 levels. Figure B-4 presents the typical characteristics of a walking trail. These trails are intended to provide low difficulty and accessible routes for all users, including those with mobility impairments, families with strollers or wagons, or other users desiring a firm, stable surface with minimal grade changes. In addition to wheelchair bound users, these trails provide access for users with canes, walkers, crutches, or other equipment, also serving those recovering from injuries. These trails also provide access to park features such as shelters to which users might need to deliver event materials (coolers, gifts, food, etc.), which may be challenging on more difficult terrain.

Walking trails must meet accessibility guidelines and should be between six (minimum) and eight feet wide (recommended). An additional two feet of clearing is required on each side of the trail, and eight feet vertical clearing is the necessary height to allow users to pass safely underneath the tree canopy. These trails should also have a maximum slope of 10% (with rest areas in steep areas), but

Table B-1: Trail Class Matrix

Trail Class/ Attributes	Trail Class 1 Minimally Developed	Trail Class 2 Moderately Developed	Trail Class 3 Developed	Trail Class 4 Highly Developed	Trail Class 5 Fully Developed
Tread & Traffic Flow	<ul style="list-style-type: none"> Tread intermittent and often indistinct May require route finding Single lane with no allowances constructed for passing Predominantly native materials 	<ul style="list-style-type: none"> Tread continuous and discernible, but narrow and rough Single lane with minor allowances constructed for passing Typically native materials 	<ul style="list-style-type: none"> Tread continuous and obvious Single lane, with allowances constructed for passing where required by traffic volumes in areas with no reasonable passing opportunities available Native or imported materials 	<ul style="list-style-type: none"> Tread wide and relatively smooth with few irregularities Double lane where traffic volumes are high and passing is frequent Native or imported materials May be hardened 	<ul style="list-style-type: none"> Tread wide, firm, stable, and generally uniform Double lane where traffic volumes are moderate to high Commonly hardened with concrete or other imported material
Obstacles	<ul style="list-style-type: none"> Obstacles common, naturally occurring, often substantial and intended to provide increased challenge Narrow passages: brush, steep grades, rocks and logs present 	<ul style="list-style-type: none"> Obstacles may be common, substantial, and intended to provide increased challenge Blockages cleared to define route and protect resources Vegetation may encroach into trailway 	<ul style="list-style-type: none"> Obstacles may be common, but not substantial or intended to provide challenge Vegetation cleared outside of trailway 	<ul style="list-style-type: none"> Obstacles infrequent and insubstantial Vegetation cleared outside of trailway 	<ul style="list-style-type: none"> Obstacles not present Grades typically < 8%
Constructed Features & Trail Elements	<ul style="list-style-type: none"> Structures minimal to non-existent Drainage typically accomplished without structures Natural fords Typically no bridges 	<ul style="list-style-type: none"> Structures of limited size, scale, and quantity; typically constructed of native materials Structures adequate to protect trail infrastructure and resources Natural fords Bridges as needed for resource protection and appropriate access 	<ul style="list-style-type: none"> Structures may be common and substantial; constructed of imported or native materials Natural or constructed fords Bridges and boardwalks as needed for resource protection and appropriate access 	<ul style="list-style-type: none"> Structures frequent and substantial; typically constructed of imported materials Constructed or natural fords Bridges and boardwalks as needed for resource protection and user convenience Trailside amenities may be present 	<ul style="list-style-type: none"> Structures frequent or continuous; typically constructed of imported materials May include bridges, boardwalks, curbs, handrails, trailside amenities, and similar features
Signs	<ul style="list-style-type: none"> Route identification signing limited to junctions Route markers present when trail location is not evident Regulatory and resource protection signing infrequent Destination signing, unless required, generally not present Information and interpretive signing generally not present 	<ul style="list-style-type: none"> Route identification signing limited to junctions Route markers present when trail location is not evident Regulatory and resource protection signing infrequent Destination signing typically infrequent Information and interpretive signing not common 	<ul style="list-style-type: none"> Route identification signing at junctions and as needed for user reassurance Route markers as needed for user reassurance Regulatory and resource protection signing may be common Destination signing likely Information and interpretive signs may be present 	<ul style="list-style-type: none"> Route identification signing at junctions and as needed for user reassurance Route markers as needed for user reassurance Regulatory and resource protection signing common Destination signing common Information and interpretive signs may be common Accessibility information likely displayed at trailhead 	<ul style="list-style-type: none"> Route identification signing at junctions and for user reassurance Route markers as needed for user reassurance Regulatory and resource protection signing common Destination signing common Information and interpretive signs common Accessibility information likely displayed at trailhead
Recreation Environments & Experience	<ul style="list-style-type: none"> Natural, unmodified 	<ul style="list-style-type: none"> Natural, essentially unmodified 	<ul style="list-style-type: none"> Natural, primarily unmodified 	<ul style="list-style-type: none"> May be modified 	<ul style="list-style-type: none"> May be highly modified Commonly associated with visitor centers or high-use recreation sites

grade changes should be kept to a minimum to maximize accessibility. The maximum allowable cross slope is 2% if a concrete surface is used or 5% if a crushed stone surface is used.

Hiking trails should be designed to Class 2 or Class 3 levels depending on site conditions and the intended level of development desired in a particular area. Class 1 trails should be limited to the most sensitive areas and are most appropriate for use for guided hikes. Figure B-5 shows typical characteristics of a natural surface hiking trail. These trails should be between one and five feet wide (4' to 8' cleared width), and should have a minimum six to eight foot vertical clearing height. These trails should also have a maximum slope of 18% and a maximum cross slope of 25% (target of 5% to 20%). The width and grade requirements depend on the class chosen for the specific trail. Trail widths should also be determined based on expected traffic volume and may need to be widened with increased use or to accommodate additional uses. Hiking trails should meet accessibility guidelines where feasible.

Table B-2: Trail Design Guidelines by Designed Use

Designed Use/ Parameter	Pedestrian		Bicycle (Mountain)	Multi-Use
	Walking	Hiking		
Trail Classes	4, 5	2, 3	2, 3	5
Surface	Concrete, Crushed Limestone	Natural	Natural	Concrete
Tread Width	6' - 8'	1' - 5'	1' - 4'	≥10'
Cleared width	10' - 12'	4' - 8'	4' - 7'	≥16'
Protrusions	None	≤6"	≤6"	None
Target Grade	2% - 5%	3% - 18%	3% - 12%	2% - 5%
Short Pitch Max	5% - 10%	25% - 35%	15% - 25% 35% on downhill	10% (or same as road)
Max Pitch Density	0% - 20% of trail	10% - 30% of trail	10% - 30% of trail	N/A
Target Cross Slope	1% - 2%	5% - 20%	3% - 8%	1% - 2%
Maximum Cross Slope	2% paved 5% unpaved	15% - 25%	10%	2% paved
Vertical Clearance	8' - 10'	6' - 8'	6' - 8'	≥10'
Possible Additional Managed Uses	N/A	N/A	Hiking	Any
Pedestrian/Wheelchair ADA Accessible²	Yes	Where Feasible	No	Yes

1. Guidelines derived from U.S. Forest Service Trail Fundamentals and Trail Management Objectives

2. Trails should be accessible for their design use whenever possible.

Figure B-4: Walking Trail

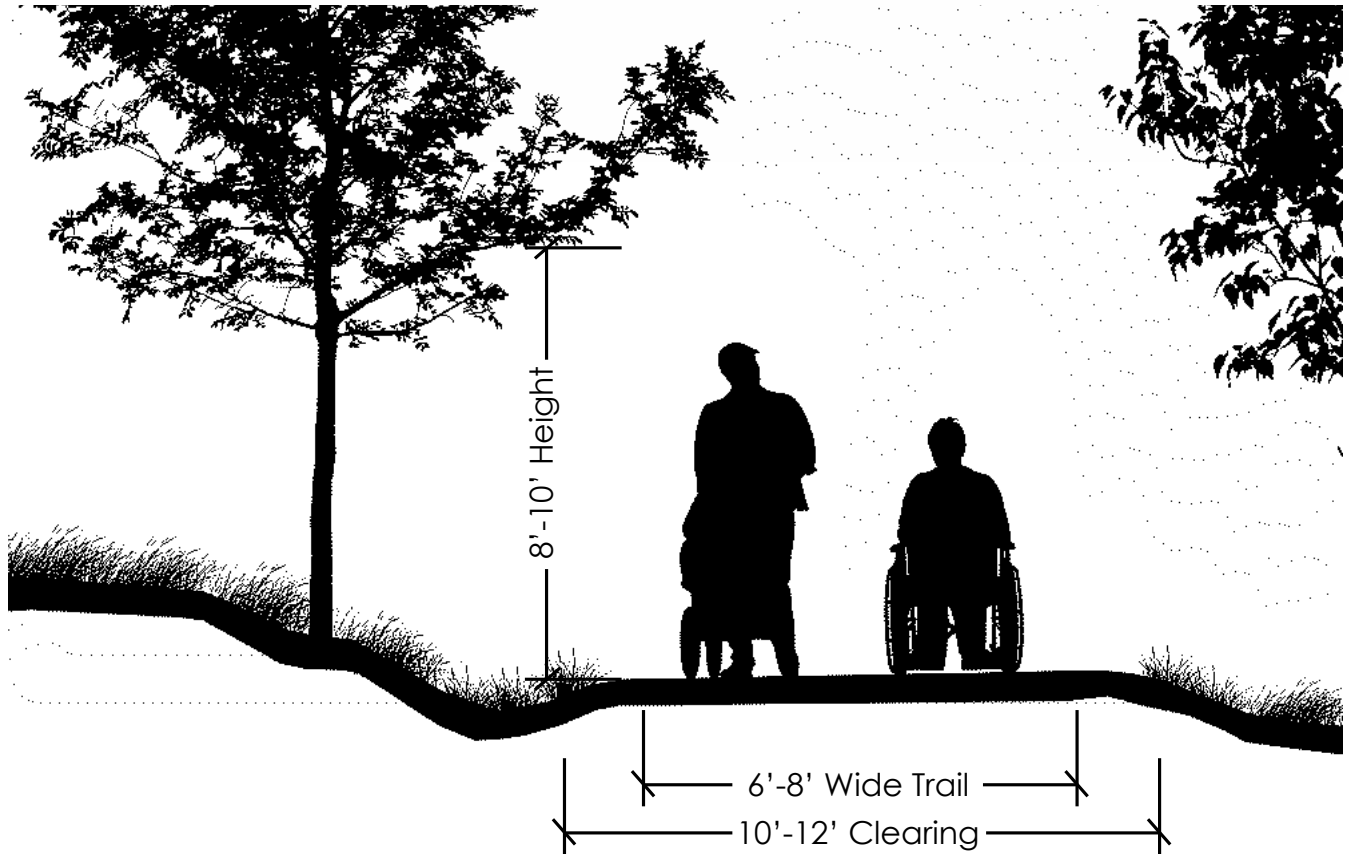


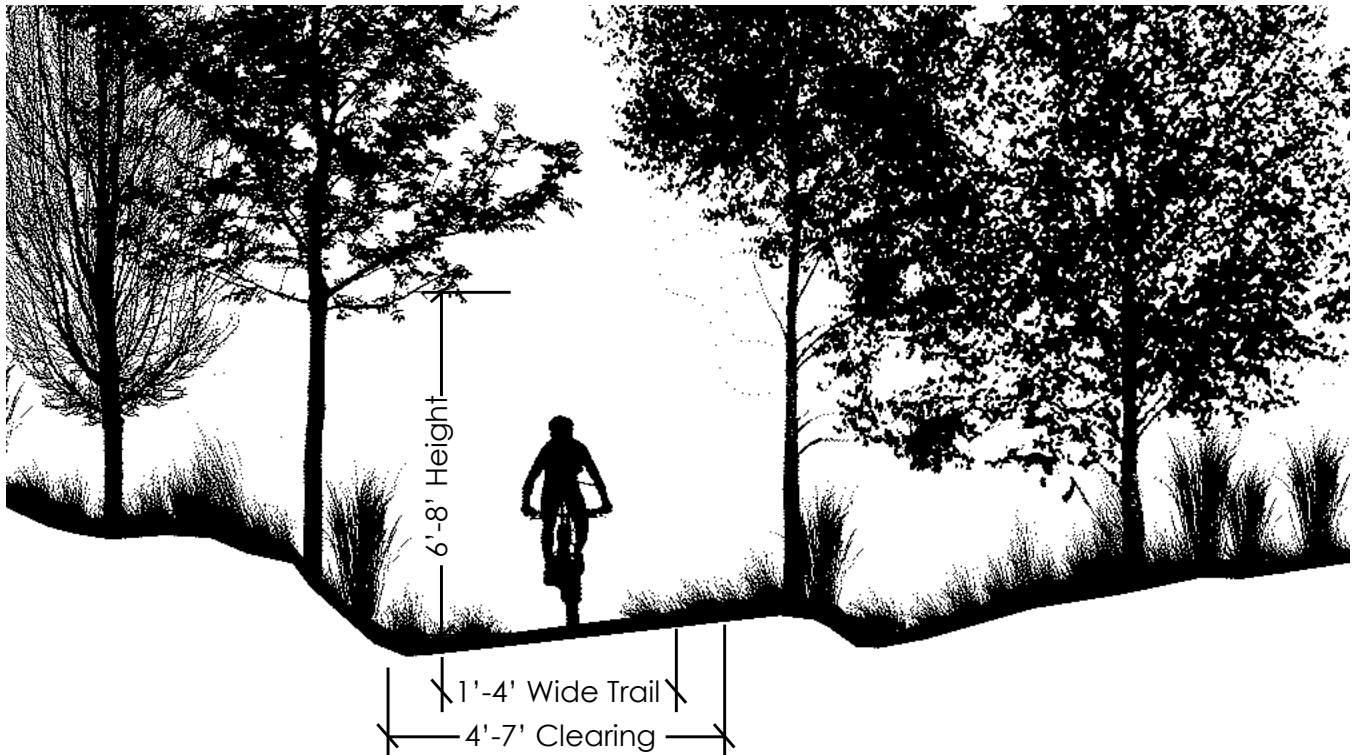
Figure B-5: Hiking Trail



2. Bicycle Trails (Mountain Bike)

These guidelines refer to off-road or mountain bike trails because other uses should be designed to the specifications of a multi-use trail (or shared-use path). To meet the needs of these users, these trails should be designed to either Class 2 or Class 3 levels based on anticipated usage levels and site characteristics. The guidelines for these trails are very similar to those of the hiking trails with a tread width range of one foot to four feet (4' to 7' cleared width). The target grade (3% to 12%) and cross slope (3% to 8%) are lower than a hiking trail for improved stability. A typical mountain bike trail cross section can be seen in Figure B-6.

Figure B-6: Mountain Biking Trail



Traffic flow should be in one direction although that direction can reverse periodically (e.g., based on days of week). These trails can also be managed for hiking use, but additional width and user directions (in the form of signage) may be required. Mountain bike trails could be constructed in Grand Prairie at one of the Lake Parks or at a future site.

Other Elements

1. ADA Requirements

Efforts should be made to make trails accessible whenever possible, unless those modifications would detract from the intended use (mountain bike trails or more rugged hiking trails). Trails of any type meeting accessibility guidelines should be indicated on the park trailheads. Any trail with tread widths less than five feet will require passing spaces of a minimum of five feet width every 1,000 feet. Rest areas are also required after any segment over a 5% grade. Primary walkways between park amenities must meet more stringent ADA guidelines for sidewalks. For example, an accessible recreational trail may have segments of up to 200 feet with a grade between 5% and 8.33%, segments up to 30 feet with a grade up to 10%, or segments up to 10 feet with a grade up to 12%. A sidewalk or walkway, in contrast, may not exceed a grade of 5%.

2. Rest Areas

Rest areas should be provided periodically along trails used for walking trails and heavily used hiking trails. These areas should include a place to rest adjacent to the trail with benches and trash cans. Rest areas should be provided approximately every half mile, possible more frequently along heavily used accessible trails.

Difficulty Ratings

The desired difficulty level of each trail should be considered as part of the development. Table B-3 provides a description of “Easy,” “Moderate,” and “Difficult” trail conditions for hiking, mountain bike, and wheelchair accessible trails. These difficulty ratings consider length (for hiking trails only), maximum grade, tread width, and the trail surface. Each existing or potential trail (or trail segment) should be analyzed and assigned a difficulty rating based on the overall trail conditions. The ratings should be used as a general reference when determining the difficulty rating of a trail as any trail may have elements that fit into more than one of these three difficulty ratings. Because they do not meet ADA guidelines for walkways, “Difficult” wheelchair accessible trails cannot be used for primary circulation.

Table B-3: Trail Difficulty Ratings

Trail Use	Easy	Moderate	Difficult
Hiking			
Length	2 miles or less	4 miles or less	Over 4 miles
Maximum Grade	15%	30%	Over 30%
Tread Width	≥24"	12-18"	12" or less
Trail Surface	Any Surfacing	Roots, rocks, logs	No graded tread
Bicycle (Mountain)			
Maximum Grade	10%	15%	15% or more
Tread Width	24"	12-24"	12"
Trail Surface	Firm and stable	Relatively Rough	Varies, may need to carry bike
Wheelchair Accessibility			
Maximum Grade	1-3%	3-5%	Over 5%
Tread Width	6'-8'	3'-6'	3' or less
Trail Surface	Concrete or Asphalt	Asphalt or crushed limestone	Hard packed soil

1. Ratings derived from U.S. Forest Service, Bureau of Land Management, and International Mountain Bicycling Association (IMBA) sources



Appendix C
Core Program Guidelines

APPENDIX C - CORE PROGRAM GUIDELINES

INTRODUCTION

Quality recreational programming is an important aspect of a healthy community. As citizens of all ages seek to enrich their lives with productive use of leisure time, the availability of a diverse range of recreational activities becomes increasingly vital. Quality recreational programs also reinforce societal values such as a community's attractiveness to parents and business leaders and civic spirit/pride. The core program concept was developed to provide direction in the planning, scheduling and coordination of community-based recreational activities. Emphasis must be given to the involvement of community representatives, parents, participants and advisory groups in the planning and development of the core program.

The following Core Program Guidelines are divided into two parts. The first section identifies six components, which should be utilized as benchmarks for determining the specific activities conducted at each program location. The latter sections provide an expanded description of each of the broad program categories (component six). They include possible program formats, identify the primary values served by the activity, and list specific examples of the program. This list should serve as a resource for determining and developing programs in the City of Grand Prairie.

It should be noted that the values served are only the primary values; other important values may be attained depending on the setting, the leader and the participant. In addition, the list of program examples is not intended to be all-inclusive, but rather to serve as a benchmark for cataloging other activities. Finally, in any given setting, the level of Core Program offering may vary in activity type, intensity and scope depending on such factors as size of the building, equipment available and the number of staff.

Core Program Components

1. Broad Appeal

Parks and community centers should have broad appeal by conducting activities and special events for people young and old and of varying needs and skill levels. Target groups for programs include:

- Preschool
- Elementary School Age
- Teens
- Adults
- Seniors
- Intergenerational
- Multiple Ages
- Special Needs

2. Administratively Feasible

Activities should be administratively feasible and the following factors should be considered as part of any program development process:

- Facility and Equipment Requirements
- Safety
- Cost vs. Benefits
- Specialized Instruction Requirements

3. Coordination

Program and service offerings should be of a coordinated nature within the community, thus serving to complement rather than duplicate activities already provided elsewhere by other organizations or agencies.

4. Variety of Settings

Activities should be conducted in a variety of settings and formats, formal and informal. Examples include:

- Instructional Classes
- Progressive Skill Levels
- Drop-In
- Special Events

-
- Special Interest Clubs
 - Leagues and/or Tournaments
 - Outings and Field Trips

5. Constructive Nature

Programs should be constructive in nature and satisfy the creative, cultural, physical, and social desires of the participants.

6. Diverse Range of Activities

A diverse range of activities should be offered and should include a balanced mix of the following broad program categories:

- Athletics
- Creative Arts
- Games
- Health and Wellness Education
- Outdoor/Nature Education
- Performing Arts
- Education and Seminars
- Special Events

Athletics, Health, Wellness, and Aquatics

Definition: Leisure activities which focus on body movement oriented in direction of fitness, skill development, and athletic enjoyment.

1. Formats:

- Seasonal
- Team
- Individual
- Participant & Spectator
- Competitive
- Progressive levels of skill development

2. Athletic activities provide the opportunity to:

- Have fun
- Develop and maintain an effective level of physical fitness
- Utilize a positive outlet for aggressive behavior
- Provide an opportunity to feel connected to and participate with a group (socialization).
- Compete
- Develop sportsmanship and character

3. Types of Activities Include (not limited to):

- Aerobics
- Badminton
- Baseball
- Basketball
- Bowling
- Cycling
- Fencing
- Fitness Activities
- Ripped
- Sculpt/Flex
- Core and more
- Boot Camp
- Body Blast
- Fitness Equipment Instruction
- Movement Fitness
- Flag Football
- Golf
- Martial Arts
- Paddling
- Pilates
- Racquet Ball
- Roller Hockey
- Rope Jumping
- Skating
- Soccer
- Softball
- Spinning

4. Types of Activities Include (not limited to):

- Tennis
- Therapeutic horseback riding
- Tumbling
- Volleyball
- Walking
- Weight Training
- Yoga
- Equestrian Programs
- Lacrosse
- Pickleball
- Walking clubs
- Bocce
- Zumba
- Silver Sneakers
- Movement to Music
- Aquatics
 - Lessons
 - Aerobics
 - Swim Team
 - Red Cross Courses

Creative Arts

Definition: Activities that result in the creation of something tangible. The process usually involves artistic or imaginable effort:

1. Format:

- Progressive Skill Development
- Individual and/or Group Projects
- Exhibits, Shows, Displays
- Classes and Workshops

2. Creative Arts provide the opportunity to:

- Express creativity
- Work with hands
- Develop fine motor skills
- Enhance the appreciation for the arts
- Give personal satisfaction and pride in accomplishment

3. Types of Activities Include (not limited to):

- Ceramics/Glass
 - Glazing & Staining
 - Greenware
 - Hand Building
 - Raku
 - Stained Glass
 - Wheel (Throwing)
- Crafts
 - Copper Foil
 - Paper Making
 - Decoupage
 - Paper Mache
 - Enameling
 - Plaster Crafts
 - Jewelry Making
 - Plastic Crafts
 - Mobiles
 - Print Making
 - Mosaics
 - Silk Screening
 - Paper Crafts
 - Wood Working
- Drawing/Painting-Calligraphy
 - Pastels
 - Cartooning
 - Pen & Ink
 - Charcoal
 - Sketching
 - Mixed Media
 - Water Colors
 - Oil
 - Pre-School Drawing
- Fabric
 - Batik
 - Needle Point
 - Crochet
 - Quilting
 - Knitting
 - Sewing
- Photography

-
- Composition
 - Pinhole Cameras
 - Sculpture
 - Casting
 - Plaster
 - Clay
 - Soft (Fabric)
 - Weaving
 - Basketry
 - Dyeing
 - Using 35mm Cameras
 - Digital Workshops
 - Mobiles
 - Wire
 - Paper
 - On or Off the Loom
 - Spinning

Games

Definition: Activities of play that are governed by specific rules and intended to provide challenges, diversion and enjoyment.

1. Formats:

- Active or Semi active Group Games
- Social Games, Mixers, Ice Breakers
- Mental Games, Quizzes, Puzzles, Paper & Pencil Games
- Table and Equipment Games
- Quiet Games

2. Games provide the opportunity to:

- Develop ability to cooperate effectively with others
- Learn to accept and abide by the rules of the game
- Accept victory and/or defeat in good spirit
- Learn to persevere and keep trying
- Develop good sportsmanship and consideration for the rights of others
- Learn to take turns and accept boundary limits (either in a physical sense, or in terms of personal behavior)

3. Types of Activities Include (not limited to):

- Air Hockey
- Billiards
- Board & Table Games
- Cards
- Checkers
- Chess
- Dominoes
- Foosball
- Horse Shoes
- Low Organized Games (Lead-Up, Relays, Tag, Dodge ball)
- Magic Stunts & Tricks
- Table Tennis
- Skittles
- Word Games
- World Wide Games

Health, Wellness and Educational Programs

Definition: These programs go beyond the traditional view of recreation and promote the individual's optimal well being physically, emotionally, socially and intellectually.

1. Format:

- Testing/Screening
- Instructional Workshops and Classes
- Speakers
- Community Forums
- Partnerships/Programs with Other Agencies

2. Health, Wellness and Educational Programs provide opportunities to:

- Enhanced self-esteem
- Extend and continue the learning process

- Create public awareness and understanding
- Allow the individual to feel connected to his/her community

3. Types of Activities Include (not limited to):

- | | |
|------------------------------|----------------------------|
| ▪ Informational Referrals | ▪ Kids Computer |
| ▪ Stress Management | ▪ Baby Sitting Classes |
| ▪ Substance Abuse | ▪ Financial |
| ▪ CPR & First Aid | ▪ Computer |
| ▪ Parenting Skills | ▪ Medicare |
| ▪ G.E.D. Programs | ▪ Guide to social security |
| ▪ Smoke Enders | ▪ Personal Training |
| ▪ Tutoring | ▪ Diabetes |
| ▪ Personal Safety | ▪ Arthritis |
| ▪ Nutrition & Weight Control | ▪ A fib |
| ▪ Vision Screening | ▪ Heart |

Outdoor Education

Definition: Those recreational activities that can best be carried on outdoors and that have, in some way, a direct relationship or dependence on nature or that place the participant in direct contact with the elements.

1. Format:

- Individual or Group Activities
- Classes/Workshops
- Teambuilding
- Partnerships and Programs with Other Agencies
- Role Playing
- Outing and Field Trips
- Sensory Awareness Activities

2. Outdoor education activities provide the opportunity to:

- Develop an awareness, appreciation and preservation of our natural resources,
- Develop skills for adaptation to vocational or leisure pursuits

3. Types of Activities Include (not limited to):

- | | |
|------------------------------|----------------------|
| ▪ Bird Feeding & Watching | ▪ Camping |
| ▪ Canoeing | ▪ Composting |
| ▪ Cross Country Skiing | ▪ Gardening |
| ▪ Hiking | ▪ Kayaking |
| ▪ Land/Wildlife Conservation | ▪ Pet Shows |
| ▪ Recycling | ▪ Repelling/Climbing |
| ▪ Survival Skills | ▪ Weather, Climate |

Performing Arts

Definition: The type of activity that allows the participant to use himself/herself as the medium of expression. The "Doing" process is important whether or not an audience is involved.

1. Format:

- Progressive skill level development
- Classes and Workshops
- Special Events

2. Neighborhood Projects

3. Creative Arts provide the opportunity to:

- Provide the participant with the opportunity to discover himself/herself as a person, by being creatively involved in learning new skills, exploring and expressing talents
- Allows the participant to create his/her own entertainment

-
- May be enjoyed by people of all ages
 - Serves to develop and enrich cultural appreciation

4. Types of Activities:

- Dance
 - Ballet
 - Ballroom Dance
 - Clogging
 - Creative Movement
 - Folk Dance
 - Jazz Dance
 - Modern Dance
 - Square Dance
 - Tap Dance
 - Line Dancing
- Drama
 - Acting
 - Backstage Crafts
 - Games, Charades, Stunts, and Skits
 - Pantomime and Improvisation
 - Poetry Readings
 - Puppetry
 - Storytelling
 - Theater Groups
- Music
 - Choral Groups
 - Guitar
 - Piano
 - Recorder
 - Rhythm Instruments (bells, triangles, blocks, drums)
 - Singing
 - Talent/Variety Shows
 - Special Needs Music Program
 - Music Fundamentals

Green Living

Definition: Programs and activities which help the individual or group minimize the impact on the environment while providing for a sustainable future.

1. Formats:

- Seasonal
- Family
- Individual
- Participant
- School Groups / Summer Camps

2. Activities provide the opportunity to:

- Learn methods to minimize our footprint on the environment
- Participate with others toward a goal of a more sustainable future
- Learn methods which can be practiced at home and in parks at a larger scale

3. Types of Activities Include (not limited to):

- Gardening
- Rain Barrel Making
- Small Footprint Spring Cleaning
- Landscaping with Native Plants
- Invasive Species Removal
- Earth Day Celebrations
- Butterfly Gardens
- Backyard Conservation Workshops
- Composting
- Recycling

Life Skills and Fun

Definition: These programs offer fun activities which can be enjoyed for a lifetime, by an individual, family, or group and take place in nature.

1. Format:

- Individual
- Families
- Group

-
- Instructional Workshops and Classes
 - Speakers
 - All ages

2. Life Skills Programs provide opportunities to:

- Enhance a skill
- Enjoy nature as a family, group, or individual
- Allow the individual to feel connected to the environment while learning or enhancing a skill

3. Types of Activities Include (not limited to):

- Camping
- Glamping (Glamour Camping)
- Paddling (Canoe and Kayak)
- Archery
- Fishing / Fishing Derby
- Hiking
- Geocaching
- Orienteering
- Sledding
- Scout Programs
- Nature Play

Heritage and History

Definition: These programs offer educational opportunities to interpret the heritage and history of a community, location, environment, or culture.

1. Format:

- Individual
- Families
- Group
- Instructional Workshops and Classes
- Speakers
- School Groups

2. Heritage and History Programs provide opportunities to:

- Understand and celebrate the natural and cultural history
- Enjoy nature as a family or group
- Allow the individual to feel connected to the environment

3. Types of Activities Include (not limited to):

- Heritage Walks
- Maple Sugaring
- Heritage Farming Methods
- Native American Studies
- Storytelling

Volunteer Training

Definition: The Park District staff cannot possibly perform all of the tasks needed to accomplish its Mission. Volunteers are necessary to assist in fulfilling the Mission. These programs coordinate, educate, and supervise the volunteers to work in an efficient and effective manner.

1. Format:

- Individual
- Families
- Group
- Partners

2. Volunteer Training Programs provide opportunities to:

- Learn methods to participate toward the overall goals of the Department
- Assist in tasks that are beyond the staff limitations of the Department in terms of the quantity of people necessary to accomplish the task in a timely and efficient manner
- Allow the individual to feel part of an organization to protect the environment and the facilities and programs offered
- Gain experience using a wide array of skills

-
- Share your interests with people of all ages
 - Improve the quality of life in the City of Grand Prairie
 - Get professional training on a variety of topics
 - Learn more about the natural world
 - Develop friendships
 - Interact with park visitors
 - Get exercise in the great outdoors
 - Use your creativity

3. Types of Activities Include (not limited to):

- Orientations
- Park Cleanups
- Educational Session Leader Training
- Nature Center Hosts
- Naturalist Training
- Invasive Species Removal
- Adopt a Park/Trail
- Trail Patrol and Maintenance
- Sustainable Trail Building
- Conservation Orientation



Appendix D
Park Land Inventory

Park Land Inventory

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Park Land Inventory

INVENTORY OF PARK LAND SUMMARY

Grand Prairie has a park system encompassing 5,003.26 acres of park land within the parks and open space system. Included in the total are 3,288 acres of U.S. Army Corp Of Engineers park land under lease for Grand Prairie parks.

Grand Prairie's park system contains a wide variety of unique and functional recreation and leisure facilities for the benefit of Grand Prairie citizens.

A summary of facilities is out-lined below.

Park Land Category	Quantity	Acres
Mini-Parks	7	16.90
Neighborhood Parks	12	121.44
Community Parks	5	117.13
City Parks	6	443.60
Regional Parks	4	1,922.00
Special Use Parks	21	2,222.48
Open Space / Linear Parks	3	170.22
Joint Community Use Parks	2	NA
Total	60	5,013.77

Park Land Category	Acres
Undeveloped Parkland	1,584.70
Developed Parkland	3,429.07
Total	5,013.77
Total Number of Parks	60 Parks



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
Parks, Recreation and Open Space Master Plan

Grand Prairie
TEXAS
PARKS, ARTS & RECREATION





Park Land Inventory

ALLIANCE SKATE PARK

1002 Lone Star Parkway

Park Size:

2.00 Acres

Park Classification:

Special Use

Park Amenities	Quantity
Development Status	
Developed Acreage	2
Undeveloped Acreage	
Basketball Court (unlighted)	2
Concession Stand	1
Park Signage	Yes
Parking Lot (spaces)	105
Pro Shop	1
Restroom	Yes
Skate Park	1
Water Fountain	2



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM

Parks, Recreation and Open Space Master Plan

Grand Prairie
TEXAS
PARKS, ARTS & RECREATION



Park Land Inventory

BEAR CREEK SOUTH PARK
3420 East Gilbert Street

Park Size:
2.60 Acres

Park Classification:
Neighborhood Park



Park Amenities	Quantity
Development Status	
Developed Acreage	2.6
Undeveloped Acreage	
Basketball Court (lighted)	1.5
Grill	1
Parking Lot (spaces)	20
Pavilion	1
Playground	1
Park Signage	Yes
Trail - Hard Surface (miles)	.125 Miles
Water Fountain	1



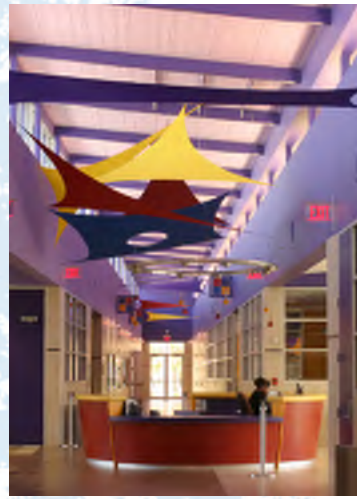
PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
Parks, Recreation and Open Space Master Plan

Grand Prairie
TEXAS
PARKS, ARTS & RECREATION



Park Land Inventory

BOWLES PARK
 2714 Graham Street
Park Size:
 23.49 Acres
Park Classification:
 Community Park



Park Amenities	Quantity
Development Status	
Developed Acreage	23.492
Undeveloped Acreage	
Grill	2
Lake / Pond / Water Feature	1
Park Signage	Yes
Parking Lot (spaces)	268
Pavilion	1
Playground	1
Trail - Hard Surface (miles)	0.814
Water Fountain	1
Aquatics (Bowles Pool)	
Swimming Pool	1
Concession (vending)	1
Recreation Center (Tony Shotwell Life Center)	38,367 SF
Aerobics	
Fitness Center	
Gymnasium	
Library	
Meeting Room	
Historical Site (Bowles Home)	



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
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Grand Prairie
 TEXAS
 PARKS, ARTS & RECREATION



Park Land Inventory

BRADSHAW PARK
 2941 SE 14th Street
Park Size:
 4.00 Acres
Park Classification:
 Neighborhood Park



Park Amenities	Quantity
Development Status	
Developed Acreage	4
Undeveloped Acreage	0
Ball Field (practice backstop)	1
Basketball Court (unlighted)	2
Grill	1
Pavilion	1
Park Signage	Yes
Parking Lot (spaces)	18
Playground	1
Water Fountain	1



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
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Grand Prairie
 TEXAS
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Park Land Inventory

GRAND CENTRAL
 2900 Block of SH 161
Park Size:
 172 Acres
Park Classification:
 Regional Park



Park Amenities	Quantity
Development Status	
Developed Acreage	
Undeveloped Acreage	
Lake / Pond / Water Feature	5
Multi-Purpose Court	1
Parking Lot (spaces)	25
Park Signage	Yes (4)
Playground	1
Restroom	1
Shelter (gazebo, arbor, and structures)	1
Trail - Hard Surface (miles)	1.75
Water Fountain	2
Recreation Center (The Summit)	56,541 SF
Aquatic Center	
Bocce Court	1
Café	
Fitness Center	
Game Room	
Green House	
Horseshoe Pit	2
Conference Center / Meeting Facility	3
Parking Lot (spaces)	320
Quarter Pitch	1
Theater	
Dog Park (Central Bark)	
Park Signage	Yes
Parking Lot (spaces)	40
Restrooms (portable)	Yes
Shelters (shade)	3
Water Fountain (pet accessible)	3

PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
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Grand Prairie
 TEXAS
 PARKS, ARTS & RECREATION



Park Land Inventory

GRAND CENTRAL
 2900 Block of SH 161
Park Size:
 172 Acres
Park Classification:
 Regional Park

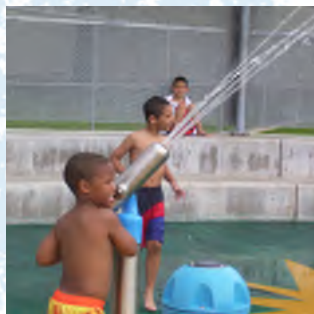


Park Amenities	Quantity
EPIC Project	
Recreation Center	
Basketball	
Soccer	
Aquatic Area	
Theater	
Gallery	
Cafe	
Indoor Track	
Satellite Library	
Recording Studio	
Indoor/Outdoor Playground	
Aquatic Center	
Amphitheater	
Trails	
PlayGrand Adventures Phase I	
Shelters	4-6
Pavilion	1-2
Trails	
Playground(s)	
Restroom	
Parking	



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
 Parks, Recreation and Open Space Master Plan





Park Land Inventory

CHARLEY TAYLOR PARK
601 East Grand Prairie Road

Park Size:
17.50 Acres

Park Classification:
Community Park

Park Amenities	Quantity
Development Status	
Developed Acreage	17.5
Undeveloped Acreage	
Baseball Fields (competitive)	3
Concession Stand (trailer)	1
Park Signage	Yes
Parking Lot (spaces)	155
Playground	1
Restroom	1
Ticket Booth / Restroom / Office	1
Water Fountain	3
Recreation Center (Charley Taylor)	
Aerobics	
Fitness Center	
Gymnasium	
Conference Center / Meeting Facility	
Aquatics	
Splash Pad (Splash Factory)	1

PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
Parks, Recreation and Open Space Master Plan

Grand Prairie
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PARKS, ARTS & RECREATION



Park Land Inventory

COLGATE PARK TRACT

Southwest 4th Street @ Shelton Street

Park Size:

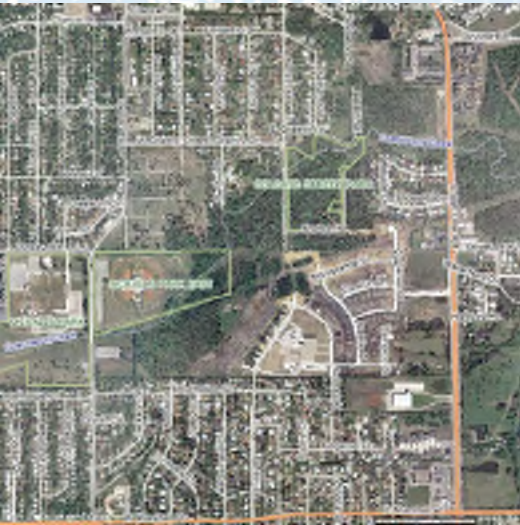
11.30 Acres

Park Classification:

Mini-Park



Park Amenities	Quantity
Development Status	
Developed Acreage	0
Undeveloped Acreage	11.3



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Park Land Inventory

COPELAND HOME

200 Block of West Dallas Street

Park Size:

.20 Acres

Park Classification:

Special Use



Park Amenities	Quantity
Development Status	
Developed Acreage	0.20
Undeveloped Acreage	
Historic Site (Copeland Home)	



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Grand Prairie
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Park Land Inventory

C.P. WAGGONER PARK
2122 North Carrier Parkway

Park Size:
51.20 Acres

Park Classification:
City Park



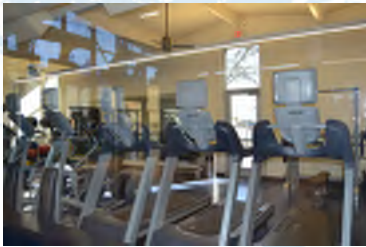
Park Amenities	Quantity
Development Status	
Developed Acreage	51.2
Undeveloped Acreage	
Baseball Field (competitive)	4
Concession Stand	1
Grill	1
Lake / Pond / Water Feature	1
Park Signage	Yes
Parking Lot (spaces)	285
Pavilion	1
Playground	1
Restroom	1
T-Ball Field (competitive)	1
Trail - Hard Surface (miles)	1.6 miles
Water Fountain	3



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
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Grand Prairie
TEXAS
PARKS, ARTS & RECREATION





Park Land Inventory

DALWORTH RECREATION CENTER

2012 Spikes Street

Park Size:

2.24 Acres

Park Classification:

Special Use

Park Amenities	Quantity
Development Status	
Developed Acreage	2.24
Undeveloped Acreage	
Park Signage	Yes
Parking Lot (spaces)	124
Playground	1
Recreation Center (Dalworth Rec. Center)	18,878 SF
Aerobics	
Fitness Center	
Gymnasium	
Meeting Rooms	
Garden (Stanton Gardens)	
Shelter (gazebo, arbor, and structures)	1



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
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TEXAS
PARKS, ARTS & RECREATION





Park Land Inventory

FISH CREEK FOREST PRESERVE

425 East Crossland Blvd.

Park Size:

37.40 Acres

Park Classification:

Neighborhood Park

Park Amenities	Quantity
Development Status	
Developed Acreage	
Undeveloped Acreage	
Grill	5
Outdoor Learning Center	1
Park Signage	Yes
Parking Lot (spaces)	12
Pavilion	1
Playground	1
Rest-Stops	1
Trail - Hard Surface (miles)	.5 miles



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
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PARKS, ARTS & RECREATION





Park Land Inventory

FISH CREEK LINEAR PARK

Coventry

Park Size:

110.32 Acres

Park Classification:

Linear Park

Park Amenities	Quantity
Development Status	
Developed Acreage	
Undeveloped Acreage	
Ball Field (practice backstop)	1
Basketball Court (lighted)	1
Basketball Court (unlighted)	0.5
Grill	4
Multi-Purpose Field	2
Park Signage	Yes
Parking Lot (spaces)	72
Pavilion	1
Playground	4
Practice (backstop)	1
Trail - Hard Surface (miles)	2.5 miles
Trail Rest Area	8
Water Fountain	1



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
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Park Land Inventory

FREEDOM PARK
 1501 Coffeyville Trail
Park Size:
 11.00 Acres
Park Classification:
 Neighborhood Park



Park Amenities	Quantity
Development Status	
Developed Acreage	11
Undeveloped Acreage	
Ball Field (practice backstop)	1
Softball Field (competitive)	2
Multi-Purpose Field	2
Park Signage	Yes
Parking Lot (spaces)	20
Trail - Hard Surface (miles)	.246 miles
Water Fountain	1



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
 Parks, Recreation and Open Space Master Plan



Park Land Inventory

FRIENDSHIP PARK
525 Polo Road

Park Size:
20.72 Acres

Park Classification:
Neighborhood Park



Park Amenities	Quantity
Development Status	
Developed Acreage	
Undeveloped Acreage	
Basketball Court (unlighted)	0.5
Grill	2
Lake / Pond / Water Feature	1
Park Signage	Yes
Parking Lot (spaces)	23
Pavilion	1
Playground	1
Restroom	1
Tennis Court (unlighted)	2
Trail - Hard Surface (miles)	.5 miles
Water Fountain	1



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
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Grand Prairie
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PARKS, ARTS & RECREATION



Park Land Inventory

GRAND PRAIRIE HIGH SCHOOL—TENNIS COURTS

101 High School Drive

Park Size:

1.5 Acres

Park Classification:

Joint Community Use (GPISD Facility)



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
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Grand Prairie
TEXAS
PARKS, ARTS & RECREATION





Park Land Inventory

GRAND PRAIRIE MEMORIAL GARDENS

3001 South Belt Line Road

Park Size:

25 Acres

Park Classification:

Special Use Park



Park Amenities	Quantity
Development Status	
Developed Acreage	10
Undeveloped Acreage	15
Sales / Details Office	3,085 SF
Niche Gazebo	64
Mausoleum	2,688 SF
Casket Crypts	330
Cremation Niches	180
Cremation Garden	
Cremation Niches (Columbarium)	888
Memorial Wall (Scatter Garden)	250
Cremation Plots	400
Traditional Burial Spaces	7,800
Parking Lot (spaces)	60
Lake / Pond / Water Feature	1
Maintenance Facility	1



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Park Land Inventory

THE GOOD LINK LINEAR PARK
1730 Lower Tarrant Drive

Park Size:
47.3 Acres

Park Classification:
Linear Park



Park Amenities	Quantity
Development Status	
Developed Acreage	
Undeveloped Acreage	
Grill	1
Park Signage	Yes (2)
Parking Lot (spaces)	21
Pavilion	1
Shelter (gazebo, arbor, and structures)	4
Trail - Hard Surface (miles)	1.05
Trail Rest Area	3
Water Fountain	1
Wetlands (acres)	?
Wildflower Area (acres)	7.9



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Park Land Inventory

HENDRIX PARK

1900 Block of SE 14th Street

Park Size:

1.30 Acres

Park Classification:

Mini Park



Park Amenities	Quantity
Development Status	
Developed Acreage	1.3
Undeveloped Acreage	
Park Signage	Yes
Playground	1



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
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Park Land Inventory

HILL STREET PARK

Hill Street @ NW 16th Street

Park Size:

17.70 Acres

Park Classification:

Neighborhood Park



Park Amenities	Quantity
Development Status	
Developed Acreage	
Undeveloped Acreage	
Ball Field (practice backstop)	1
Grill	1
Park Signage	No
Parking Lot (spaces)	37
Pavilion	1
Playground	1
Water Fountain	1



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Grand Prairie
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PARKS, ARTS & RECREATION



Park Land Inventory

HOLLAND STREET PARK

2200 Block of Holland Street

Park Size:

.70 Acres

Park Classification:

Mini Park



Park Amenities	Quantity
Development Status	
Developed Acreage	
Undeveloped Acreage	0.7



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Park Land Inventory

JAYCEE PARK

1500 Block of West Main Street

Park Size:

.65 Acres

Park Classification:

Special Use Park



Park Amenities	Quantity
Development Status	
Developed Acreage	0.65
Undeveloped Acreage	
Conference Center / Meeting Facility	1
Parking Lot (spaces)	8



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
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PARKS, ARTS & RECREATION





Park Land Inventory

JOHNSON STREET PARK
NE 33rd Street @ Johnson Street

Park Size:
.80 Acres

Park Classification:
Mini Park

Park Amenities	Quantity
Development Status	
Developed Acreage	0.8
Undeveloped Acreage	
Basketball Court (unlighted)	1



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
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Park Land Inventory

KIRBY CREEK NATATORIUM

3303 Corn Valley Road

Park Size:

1.43 Acres

Park Classification:

Special Use Facility

Park Amenities	Quantity
Development Status	
Developed Acreage	
Undeveloped Acreage	
Park Signage	Yes
Parking Lot (spaces)	60
Swimming Pool (indoor)	1



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
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Park Land Inventory

KIRBY CREEK NATURAL SCIENCE CENTER

3400 Corn Valley Road

Park Size:

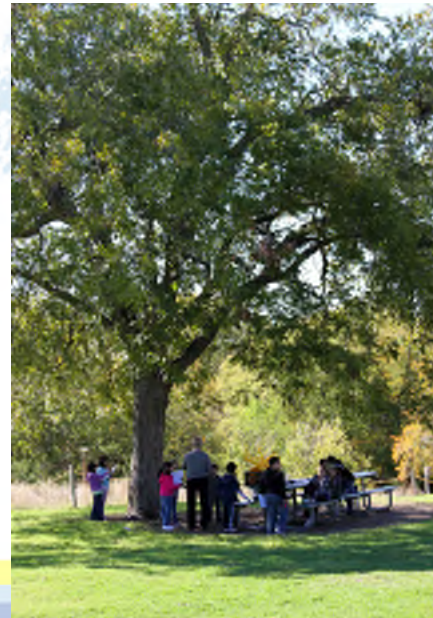
39.10 Acres

Park Classification:

Special Use Park



Park Amenities	Quantity
Development Status	
Developed Acreage	39.1
Undeveloped Acreage	
Outdoor Learning Center	1
Park Signage	Yes
Parking Lot (spaces)	50
Shelter (gazebo, arbor, and structures)	1
Trail - Soft Surface (miles)	.057 miles
Natural Science Education Center	
Indoor Classroom	1,800 SF
Lake / Pond / Water Feature	1
Garden	
Educational Garden	1
Teaching Garden	1



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
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Park Land Inventory

LAMAR PARK

Northeast 20th Street @ Cottonwood Street

Park Size:

.60 Acres

Park Classification:

Mini Park



Park Amenities	Quantity
Development Status	
Developed Acreage	0.6
Undeveloped Acreage	
Grill	1
Playground	1



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
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PARKS, ARTS & RECREATION





Park Land Inventory

LIVE OAK PARK

Rinehart Street @ Hensley Street

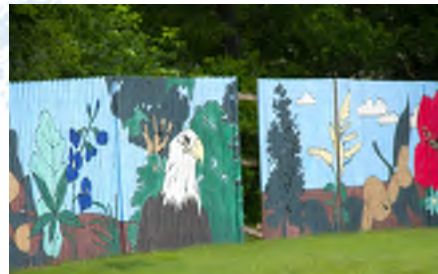
Park Size:

3.50 Acres

Park Classification:

Neighborhood Park

Park Amenities	Quantity
Development Status	
Developed Acreage	3.5
Undeveloped Acreage	
Basketball Court (lighted)	1
Grill	1
Multi-Purpose Court	1
Park Signage	Yes
Pavilion	1
Playground	1
Water Fountain	1



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
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Park Land Inventory

L.B.J. PARK

Stonewall Drive @ Ferndale Lane

Park Size:

4.90 Acres

Park Classification:

Neighborhood Park



Park Amenities	Quantity
Development Status	
Developed Acreage	4.9
Undeveloped Acreage	
Ball Field (practice backstop)	2
Parking Lot (spaces)	2
Picnic Shelter	1
Playground	1
Trash Receptacle	1
Outdoor Learning Center	
Parking Lot (spaces)	2
Safe Side City	1



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
Parks, Recreation and Open Space Master Plan

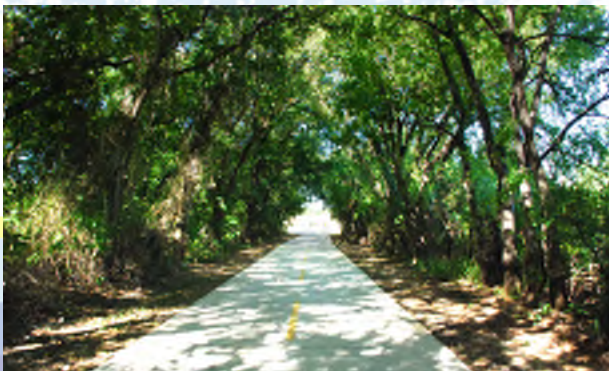
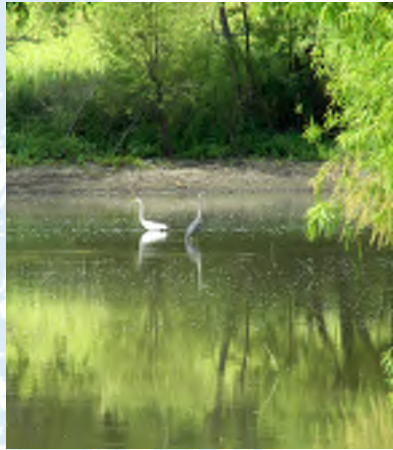
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TEXAS
PARKS, ARTS & RECREATION



Park Land Inventory

LONE STAR TRAIL
 2180 Belt line Road
Park Size:
 12.60 Acres
Park Classification:
 Linear Park

Park Amenities	Quantity
Development Status	
Developed Acreage	12.60
Undeveloped Acreage	
Equestrian	1
Lake / Pond / Water Feature	Yes
Park Signage	Yes
Parking Lot (spaces)	22
Shelter (gazebo, arbor, and structures)	3
Trail - Hard Surface (miles)	3.95 Miles
Trail Rest Area	2
Water Fountain	1



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
 Parks, Recreation and Open Space Master Plan

Grand Prairie
 TEXAS
 PARKS, ARTS & RECREATION



Park Land Inventory

MARKET SQUARE

120 West Main Street

Park Size:

.50 Acres

Park Classification:

Special Use Park



Park Amenities	Quantity
Development Status	
Developed Acreage	0.5
Undeveloped Acreage	
Conference Center / Meeting Facility	1
Park Signage	Yes
Restroom	1
Shelter (gazebo, arbor, and structures)	1



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM

Parks, Recreation and Open Space Master Plan

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TEXAS
PARKS, ARTS & RECREATION





Park Land Inventory

McFALLS PARK

1501 South Carrier Parkway /
509 Dickey Road

Park Size:

65.50 Acres

Park Classification:

City Park

Park Amenities	Quantity
Development Status	
Developed Acreage	65.5
Undeveloped Acreage	
Baseball Field (competitive)	6
Conference Center / Meeting Facility	1
Concession Stand	1
Grill	1
Lake / Pond / Water Feature	Yes
Park Signage	Yes
Parking Lot (spaces)	435
Pavilion	1
Playground	1
Restroom	2
Shelter (gazebo, arbor, and structures)	1
Water Fountain	2
Aquatics (McFalls Pool)	
Swimming Pool	1

PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM

Parks, Recreation and Open Space Master Plan

Grand Prairie
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Park Land Inventory

McFalls East Park
1475 SW 3rd Street

Park Size:
27.0 Acres

Park Classification:
Community Park



Park Amenities	Quantity
Development Status	
Developed Acreage	27
Undeveloped Acreage	
Concession Stand	1
Park Signage	Yes
Parking Lot (spaces)	166
Restroom	2
Shelter (gazebo, arbor, and structures)	1
Softball Field (competitive)	4
Trash Receptacle	22
Water Fountain	1



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
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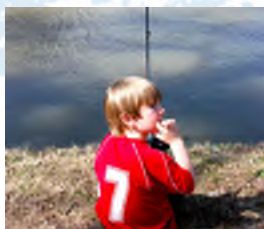
Park Land Inventory

MIKE LEWIS PARK
1836 Frank Drive

Park Size:
98.40 Acres

Park Classification:
City Park

Park Amenities	Quantity
Development Status	
Developed Acreage	71.7
Undeveloped Acreage	
Basketball Court (unlighted)	1
Concession Stand	1
Equestrian Arena	1
Fishing Pier	2
Grill	7
Horseshoe Pit	8
Lake / Pond / Water Feature	Yes
Park Signage	Yes (2)
Parking Lot (spaces)	364
Pavilion	4
Playground	2
Restroom	2
Sand Volleyball Court (lighted)	2
Softball Field (competitive)	4
Trail - Hard Surface (miles)	2.2 miles
Trail - Rest Stops	2
Water Fountain	4



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
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Grand Prairie
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Park Land Inventory

MOCKINGBIRD PARK
500 Block of NE 35th Street

Park Size:
1.50 Acres

Park Classification:
Mini Park

Park Amenities	Quantity
Development Status	
Developed Acreage	1.5
Undeveloped Acreage	
Multi-Purpose Field	1



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
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Park Land Inventory

MOUNTAIN CREEK LAKE PARK

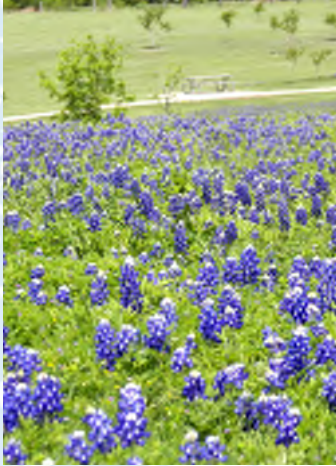
2402 Cardiff

Park Size:

117 Acres

Park Classification:

City Park



Park Amenities	Quantity
Development Status	
Developed Acreage	50.0
Undeveloped Acreage	
Basketball Court (unlighted)	1
Disc Golf (holes)	9
Grill	2
Multi-Purpose Field	1
Park Signage	Yes
Parking Lot (spaces)	59
Pavilion	1
Playground	1
Restroom	1
Trail - Hard Surface (miles)	1 mile
Trail - Soft Surface (miles)	2 miles



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
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Grand Prairie
TEXAS
PARKS, ARTS & RECREATION





Park Land Inventory

MOUNTAIN CREEK SOCCER COMPLEX

3730 South Beltline Road

Park Size:

119 Acres

Park Classification:

Special Use

Park Amenities	Quantity
Development Status	
Developed Acreage	75
Undeveloped Acreage	
Concession Stand	1
Park Signage	Yes
Parking Lot (spaces)	390
Restroom	1
Shelter (gazebo, arbor, and structures)	4
Soccer Field (competition)	18
Water Fountain	1



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
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Park Land Inventory

NANCE-JAMES PARK

2022 El Paso Street

Park Size:

.90 Acres

Park Classification:

Neighborhood Park



Park Amenities	Quantity
Development Status	
Developed Acreage	0.9
Undeveloped Acreage	
Basketball Court (unlighted)	1
Park Signage	Yes
Parking Lot (spaces)	10
Pavilion	1
Playground	1
Water Fountain	1



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
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Grand Prairie
TEXAS
PARKS, ARTS & RECREATION



Park Land Inventory

PARKHILL PARK

5100 South Robinson Road

Park Size:

25.68 Acres

Park Classification:

Community Park



Park Amenities	Quantity
Development Status	
Developed Acreage	22
Undeveloped Acreage	
Concession Stand	1
Football Field (competition)	3
Park Signage	Yes
Parking Lot (spaces)	393
Pavilion	1
Playground	1
Restroom	2
Water Fountain	1



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
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Grand Prairie
TEXAS
PARKS, ARTS & RECREATION





Park Land Inventory

PARKS ADMINISTRATION FACILITY

400 College Street

Park Size:

1.74 Acres

Park Classification:

Special Use

Park Amenities	Quantity
Development Status	
Developed Acreage	1.74
Undeveloped Acreage	
Meeting Room	1
Parking Lot (Spaces)	50



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
Parks, Recreation and Open Space Master Plan

Grand Prairie
TEXAS
PARKS, ARTS & RECREATION





Park Land Inventory

PRAIRIE PARK

Bagdad Street @ Main Street

Park Size:

49.50 Acres

Park Classification:

City Park



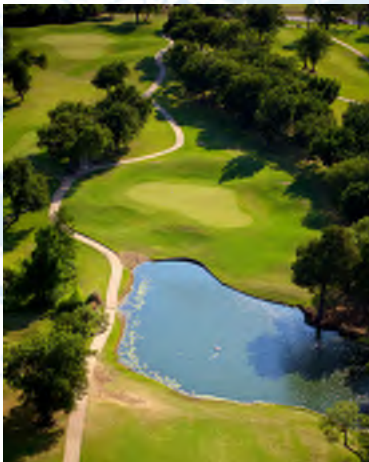
Park Amenities	Quantity
Development Status	
Developed Acreage	10
Undeveloped Acreage	
Cricket Field	1
Multi-Purpose Field	3
Parking Lot (spaces)	2
Playground	1



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
Parks, Recreation and Open Space Master Plan

Grand Prairie
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PARKS, ARTS & RECREATION





Park Land Inventory

PRAIRIE LAKES GOLF COURSE

3202 SE 14th Street

Park Size:

229 Acres

Park Classification:

Special Use

Park Amenities	Quantity
Development Status	
Developed Acreage	233.6
Undeveloped Acreage	
Clubhouse	1
Concession Stand	1
Golf Course (number of holes)	27
Park Signage	Yes
Parking Lot (spaces)	185
Pavilion	1
Practice Driving Range	1
Practice Putting Green	1
Water Fountain	4

PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM

Parks, Recreation and Open Space Master Plan

Grand Prairie
TEXAS
PARKS, ARTS & RECREATION





Park Land Inventory

RUTHIE JACKSON CENTER
3113 south Carrier Parkway

Park Size:
3.58 Acres

Park Classification:
Special Use

Park Amenities	Quantity
Development Status	
Developed Acreage	3.58
Undeveloped Acreage	
Conference Center / Meeting Facility	Yes
Park Signage	Yes
Parking Lot (spaces)	344
Garden (RJC Gardens)	
Lake / Pond / Water Feature	Yes
Shelter (gazebo, arbor, and structures)	1



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
Parks, Recreation and Open Space Master Plan

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PARKS, ARTS & RECREATION





Park Land Inventory

SESQUICENTENNIAL PARK

Columbia Street @ Newberry Street

Park Size:

.70 Acres

Park Classification:

Mini Park



Park Amenities	Quantity
Development Status	
Developed Acreage	0.7
Undeveloped Acreage	
Park Signage	No
Playground	1
Shelter (gazebo, arbor, and structures)	1
Water Fountain	1



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Parks, Recreation and Open Space Master Plan

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Park Land Inventory

SOUTH GRAND PRAIRIE HIGH SCHOOL— TENNIS COURTS

301 West Warrior Trail

Park Size:

1.5 Acres

Park Classification:

Joint Community Use (GPSID Facility)



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
Parks, Recreation and Open Space Master Plan

Grand Prairie
TEXAS
PARKS, ARTS & RECREATION



Park Land Inventory

SYCAMORE PARK

2800 Block of Reforma Drive

Park Size:

6.0 Acres

Park Classification:

Neighborhood Park



Park Amenities	Quantity
Development Status	
Developed Acreage	5.7
Undeveloped Acreage	
Playground	1



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Parks, Recreation and Open Space Master Plan

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Park Land Inventory

TANGLE RIDGE GOLF COURSE

818 Tangle Ridge Drive

Park Size:

251.50 Acres

Park Classification:

Special Use Park



Park Amenities	Quantity
Development Status	
Developed Acreage	238.5
Undeveloped Acreage	
Clubhouse	1
Concession Stand	1
Golf Course (number of holes)	18
Park Signage	1
Parking Lot (spaces)	201
Pavilion	1
Practice Driving Range	1
Practice Putting Green	1
Restroom	1
Water Fountain	3



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
Parks, Recreation and Open Space Master Plan

Grand Prairie
TEXAS
PARKS, ARTS & RECREATION





Park Land Inventory

TURNER PARK
600 Block of NE 8th Street

Park Size:

62.0 Acres

Park Classification:

City Park

Park Amenities	Quantity
Development Status	
Developed Acreage	52
Undeveloped Acreage	
Baseball Field (competitive)	1
Conference Center / Meeting Facility	1
Disc Golf (holes)	18
Grill	2
Lake / Pond / Water Feature	Yes
Outdoor Learning Center	
Parking Lot (spaces)	200
Pavilion	1
Picnic Shelter	1
Playground	1
Shelter (gazebo, arbor, and structures)	2



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
Parks, Recreation and Open Space Master Plan

Grand Prairie
TEXAS
PARKS, ARTS & RECREATION



Park Land Inventory

TYRE PARK
 2327 Tyre Street
Park Size:
 23.45 Acres
Park Classification:
 Community Park



Park Amenities	Quantity
Development Status	
Developed Acreage	23.5
Undeveloped Acreage	
Ball Field (practice backstop)	1
Basketball Court (lighted)	1
Basketball Court (unlighted)	2
Grill	6
Lake / Pond / Water Feature	Yes
Multi-Purpose Field	1
Park Signage	Yes
Parking Lot (spaces)	35
Pavilion	1
Playground	1
Restroom	1
Shelter (gazebo, arbor, and structures)	1
Trail - Hard Surface (miles)	.306 miles
Water Fountain	1
Aquatics (Tyre Pool)	
Swimming Pool	1



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
 Parks, Recreation and Open Space Master Plan

Grand Prairie
 TEXAS
 PARKS, ARTS & RECREATION



Park Land Inventory

UPTOWN THEATER
 120 East Main Street
 Park Size:
 .39 Acres
 Park Classification:
 Special Use Facility

Park Amenities	Quantity
Development Status	
Developed Acreage	.4
Undeveloped Acreage	
Conference Center / Meeting Facility	1
Theater	1



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
 Parks, Recreation and Open Space Master Plan

Grand Prairie
 TEXAS
 PARKS, ARTS & RECREATION



Park Land Inventory

VETERAN'S MEMORIAL

901 Conover Drive

Park Size:

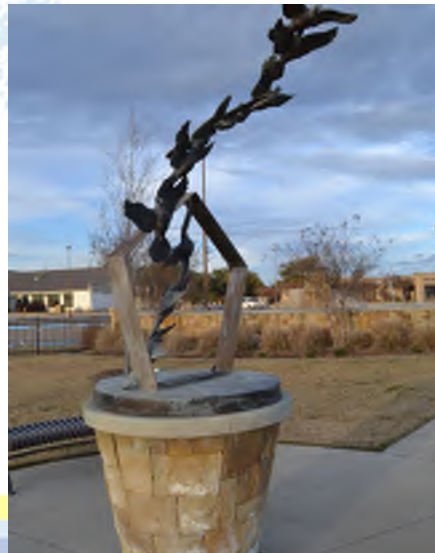
2.0 Acres

Park Classification:

Special Use Facility



Park Amenities	Quantity
Development Status	
Developed Acreage	2
Undeveloped Acreage	
Parking Lot (spaces)	24
Park Signage	Yes



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Parks, Recreation and Open Space Master Plan

Grand Prairie
TEXAS
PARKS, ARTS & RECREATION





Park Land Inventory

VETERAN'S PARK EVENT CENTER

925 Conover Drive

Park Size:

8.0 Acres

Park Classification:

Special Use Facility

Park Amenities	Quantity
Development Status	
Developed Acreage	8
Undeveloped Acreage	
Conference Center / Meeting Facility	1
Grill	2
Park Signage	Yes
Parking Lot (spaces)	91



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
Parks, Recreation and Open Space Master Plan

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PARKS, ARTS & RECREATION





Park Land Inventory

WIDE WORLD OF PARKS
1600 Lone Star Parkway

Park Size:
.40 Acres

Park Classification:
Special Use Facility

Park Amenities	Quantity
Development Status	
Developed Acreage	0.4
Undeveloped Acreage	
Multi-Purpose Court	1
Park Signage	Yes
Playground	1
Shelter (gazebo, arbor, and structures)	1
Water Fountain	1



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Parks, Recreation and Open Space Master Plan

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PARKS, ARTS & RECREATION



Park Land Inventory

WINSUM PARK
1902 Palmer Trail

Park Size:
6.0 Acres

Park Classification:
Neighborhood Park



Parking Lot Photo

Park Amenities	Quantity
Development Status	
Developed Acreage	6
Undeveloped Acreage	
Baseball Field (practice backstop)	2
Multi-Purpose Field	1
Park Signage	Yes
Parking Lot (spaces)	18
Playground	1

Practice Backstop Photo



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Parks, Recreation and Open Space Master Plan

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PARKS, ARTS & RECREATION



Park Land Inventory

WOODCREST PARK

Edelweiss Drive @ S.E. 8th Street

Park Size:

6.72 Acres

Park Classification:

Neighborhood Park



Park Amenities	Quantity
Development Status	
Developed Acreage	0
Undeveloped Acreage	
Baseball Field (practice backstop)	1
Basketball Court (unlighted)	1



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
Parks, Recreation and Open Space Master Plan

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Park Land Inventory

BRITTON PARK — LAKE PARKS

Seeton Road on the southwest shore of Joe Pool Lake

Joe Pool Lake

Park Size:

129 Acres

Park Classification:

Special Use Park

Park Amenities	Quantity
Development Status	
Developed Acreage	5
Undeveloped Acreage	
Boat Ramp (lanes)	2
Lake / Pond / Water Feature	1
Park Signage	Yes
Parking Lot (spaces)	87



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Park Land Inventory

CAMP WISDOM PARK — LAKE PARKS

Belt Line Road @ Camp Wisdom Road

Park Size:

175 Acres

Park Classification:

Regional Park



Park Amenities	Quantity
Development Status	
Developed Acreage	0
Undeveloped Acreage	175



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Park Land Inventory

ESTES PARK — LAKE PARKS
South Lake Ridge Parkway

Park Size:
1,030 Acres

Park Classification:
Resort Special Use Park

Park Amenities	Quantity
Development Status	
Developed Acreage	0
Undeveloped Acreage	1,030



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Park Land Inventory

LOW BRANCH PARK — LAKE PARKS

Southwest shore of Joe Pool Lake

Park Size:

155 Acres

Park Classification:

Special Use Park

Park Amenities	Quantity
Development Status	
Developed Acreage	0
Undeveloped Acreage	155
Parking Lot (spaces)	20
Radio Control Model Aircraft Runway	1



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Parks, Recreation and Open Space Master Plan

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Park Land Inventory

LOYD PARK — LAKE PARKS

3401 Ragland Road on the northwest shore of Joe Pool Lake

Park Size:
791 Acres

Park Classification:
Regional Park



Park Amenities	Quantity
Development Status	
Developed Acreage	200
Undeveloped Acreage	
Ball Field (practice backstop)	1
Boat Ramp (lanes)	4
Cabins	8
Camp Store	1
Conference Center / Meeting Facility	1
Grill	8
Overnight Campsite / w/ Shelter	221
Park Signage	Yes
Parking Lot (spaces)	507
Pavilion	4
Playground	1
Trail - Paddling	5 miles
Trail - Soft Surface	6 miles
Restroom	7
Water Fountain	11



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
Parks, Recreation and Open Space Master Plan

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PARKS, ARTS & RECREATION





Park Land Inventory

LYNN CREEK PARK — LAKE PARKS

South Lake Ridge Parkway on the north shore of Joe Pool Lake

Park Size:
784 Acres

Park Classification:
Regional Park



Park Amenities	Quantity
Development Status	
Developed Acreage	?
Undeveloped Acreage	0
Boat Ramp (lanes)	4
Concession Stand	1
Grill	108
Park Signage	Yes
Parking Lot (spaces)	669
Pavilion	3
Picnic Shelter	100
Playground	1
Restroom	8
Shelter (gazebo, arbor, and structures)	10
Water Fountain	8
Marina	
Boat Fuel Station	1
Boat Ramp (lanes)	4
Boat Slips	475
Convenience Store	1
Restaurant	1



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
Parks, Recreation and Open Space Master Plan

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PARKS, ARTS & RECREATION



Park Land Inventory

PLEASANT VALLEY PARK — LAKE PARKS

Texas Plume Road on the east shore of Joe Pool Lake

Park Size:
224 Acres

Park Classification:
Special Use Park



Park Amenities	Quantity
Development Status	
Developed Acreage	0
Undeveloped Acreage	224



PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
Parks, Recreation and Open Space Master Plan

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PARKS, ARTS & RECREATION



Park Land Inventory

TRAIL INVENTORY—GRAND PRAIRIE PARKS, ARTS, AND RECREATION

Inventory of Trails - Grand Prairie Parks, Arts, and Recreation					
Park Site	Hard Surface	Soft Surface	Paddling	Rest Area	Total (in miles)
Bear Creek South Park	0.125	0			0.125
Bowles Park	0.814	0			0.814
Central Park	1.75	0			1.75
CP Waggoner Park	1.6	0			1.6
Fish Creek Forest Preserve	0.5	0		1	0.5
Fish Creek Linear Park	2.5	0		8	2.5
Freedom Park	0.246	0			0.246
Friendship Park	0.5	0			0.5
The Good Link Trail	1.05	0		3	1.05
Kirby Creek Park Nature Science Center	0	0.057			0.057
Lone Star Trail	3.95	0		2	3.2
Mike Lewis Park	2.2	0		2	2.2
Mountain Creek Lake Park	1	2			1
Tyre Park	0.306	0			0.306
Loyd Park (Lake Park)	0	6	5		6
Lynn Creek Park (Lake Park)	0	2			2
Totals (In Miles)	16.291	8.057	5	16	23.848

PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
Parks, Recreation and Open Space Master Plan

Grand Prairie
TEXAS
PARKS, ARTS & RECREATION



Park Land Inventory

FACILITY INVENTORY—GRAND PRAIRIE INDEPENDENT SCHOOL DISTRICT

Inventory of Facilities - Grand Prairie Independent School District				
Use	Elementary Schools	Middle Schools	High Schools	Total
Baseball Field - (competitive)	0	0	2	2
Baseball Field - (practice backstop)	0	0	2	2
Football Field - (practice)	0	7	2	9
Football Field (competitive)	0	7	2	9
Gym - (competition)	0	7	4	11
Gym - (practice)	26	7	6	13
Multi-Purpose Court	26	7	0	7
Multi-Purpose Field	26	7	2	9
Playgrounds	27	0	0	0
Pole Vault	0	0	2	2
Soccer Field - (competitive)	0	0	2	2
Soccer Field - (practice)	0	1	0	1
Softball Field - (competitive)	0	0	2	2
Softball Field - (practice)	0	1	2	3
Tennis Courts	0	0	16	16
Tracks	0	7	2	9

PROJECT DISCOVERY 2026 - CREATING A GRAND PARK SYSTEM
Parks, Recreation and Open Space Master Plan

Grand Prairie
— T E X A S —
PARKS, ARTS & RECREATION





Appendix E
Public Input Summaries

Project Discovery 2026

Creating a GRAND Park System

Park Master Plan Update Process

*Help us make your Park System even BETTER
by telling us what you want improved,
added; updated!!*

Community Meeting Schedule

Date	Location	Time
March 10	Tony Shotwell Center 2750 Graham Street	6:00pm
March 23	Park Administration 400 College	6:30pm
April 2	Farmer's Market 120 West Main Street	8am-1pm
April 5	Betty Warmack Library 760 Bardin Road	6:00pm-7:30pm
April 20	Summit Commission on Aging 2975 Esplanade	10:00am
April 20	Summit Active Adult Center 2975 Esplanade	6:30pm
April 22-24	Main Street Fest 200 Block of West Main Street	Thru Event
May 5	Lake Park Operations Center 5610 Lakeridge Parkway	6:30pm
May 11	Grand Peninsula Area 2603 N. Grand Peninsula Drive	6:30-7:30pm



**MEETING SUMMARY
GRAND PRAIRIE PARKS, ARTS, AND RECREATION STRATEGIC MASTER PLAN
PUBLIC WORKSHOP
THE SUMMIT WINGS THEATER
PROJECT NO. 15102**



**Wednesday, April 20, 2016
7:00 to 8:00 pm**

Reference Materials

Refer to meeting slides used to guide the meeting discussion.

Attendees

Grand Prairie Planning Department staff (4), park staff ~15), BCI consultants (3), and general public

Meeting Purpose

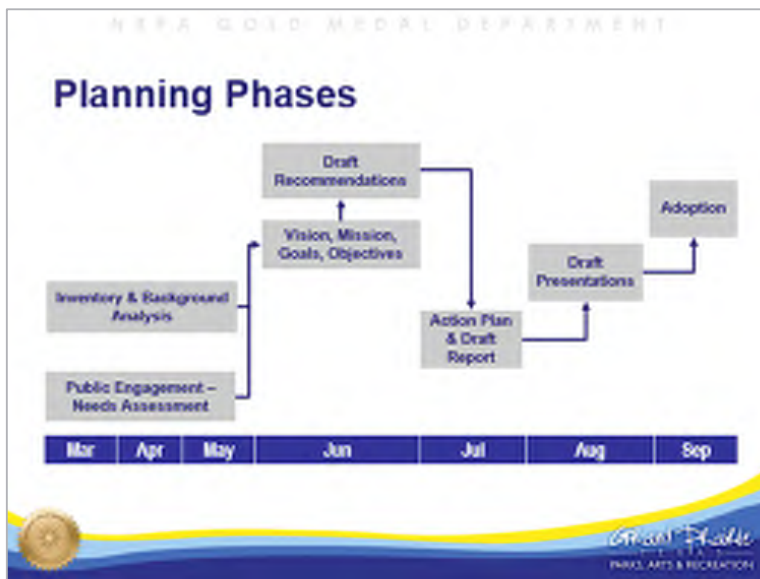
Solicit citizen input on the strategic master planning process

Meeting Objectives

- Provide an understanding of the overall strategic master planning process
- Gain citizen perspective and input
- Provide an understanding of next steps and how to be involved in the process

Master Plan Overview

The meeting was convened by Mr. Tim Shinogle, Planning Director. Shinogle welcomed the citizens, introduced the consultants and provided an overview of what a master plan is, what it includes, why it is important, and progress that was made since the last master plan was adopted in 2008. Mr. Shinogle then introduced Ms. Katie Prasser (consultant) who provided a more detailed explanation of the process the city will follow to develop a revised strategic master plan for the ten-year period beginning 2016 and ending 2026.



Ms. Prasser described the initial public engagement process, who is involved, the varying perspectives of those providing input to the process, and the key role citizens play in providing input to the planning process.

A Truly GRAND Parks, Arts and Recreation System

Ms. Prasser then introduced an exercise to solicit input from the citizens on four key questions. The responses are summarized below:

1. What Grand Prairie programs and/or facilities do you use most?
 - Summit for the active side, gym, track, food program, theater, pool, aquasize, vortex, trips, pickleball.
 - Dalworth Recreation Center
 - Friendship park
2. What do you like, enjoy most about Grand Prairie's parks, arts and recreation system?
 - Comradery, social, and friends at the Summit
 - Summit has changed lives
 - Affordable
3. What do you dislike, wish to add or improve about Grand Prairie's parks, arts and recreation system?
 - Summit crowded at times
 - Need more pickleball courts
4. Imagine it is 2026. What would your vision of the Grand Prairie parks, arts and recreation system look like?
 - Grand Prairie hosts Senior Olympics
 - Convert outdoor pits at the Summit to pickleball courts
 - Larger fish in the lakes
 - Facilities to host tournaments, pickleball, Senior Olympics sports
 - Shuttle buses from senior living more often
 - Handrail on both sides of walking track for persons with balance issues
 - Better traffic control for Prairie Lights
 - Canoe and kayak launch, paddleboard, paddleboats
 - More tennis courts
 - Hotels and restaurants close by
 - Another Summit
 - Outdoor movie screen

WRAP UP AND NEXT STEPS

The input session ended with Ms. Prasser reminding citizens how they continue to be informed and involved in the planning process. Mr. Shinogle then provided citizens with a hand out survey and "Park Bucks" to vote for priorities for the future. Mr. Shinogle thanked the citizens for participating.

MEETING SUMMARY
GRAND PRAIRIE PARKS, ARTS, AND RECREATION STRATEGIC MASTER PLAN
STAFF INPUT SESSION
THE SUMMIT WINGS THEATER
PROJECT NO. 15102



Wednesday, April 20, 2016
1:00 to 3:00pm

Reference Materials

Refer to meeting slides used to guide the meeting discussion.

Attendees

Grand Prairie Planning Department staff (4), park staff ~15), BCI consultants (3)

Meeting Purpose

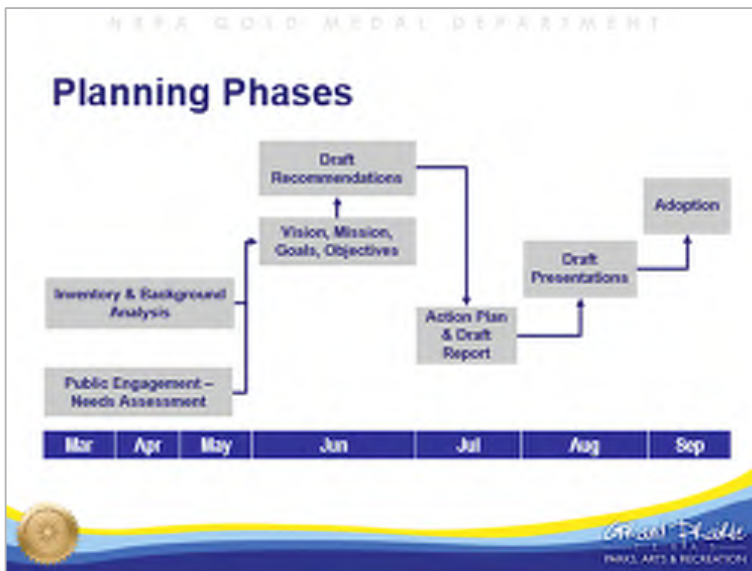
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Prasser described the initial public engagement process, who is involved, the varying perspectives of those providing input to the process, and the key role staff play in providing input to the planning process.

A Truly GRAND Parks, Arts and Recreation System

Prasser then introduced an exercise to solicit input from staff on four key domains:

1. Spaces – parks, open spaces, trails...
2. Structures – facilities, structures, features, buildings
3. Services – programs, events, services
4. Systems – policies, procedures, operations, communications, marketing, funding, staffing, leadership, etc.

Staff were broken into four groups and instructed to provide input on each of the four domains. To facilitate input, each station was hosted by a facilitator who solicited input and charted responses. After approximately 15 minutes of discussion, the groups rotated to the next station. This process was repeated until all staff had provided feedback at each station. Results of the discussion are outlined below.

SPACES – PARKS, OPEN SPACES, TRAILS...

What makes us so GRAND? Strengths

1. Lake parks
2. Quality of trails
3. Equestrian trails
4. Landscaping
5. Linear parks
6. Mix of active and passive space
7. Lake – day use and overnight
8. Have undeveloped land – primarily in the south
9. Central park
10. Diversity of parks – lake parks
11. Well used dog park
12. Turner disc golf
13. Large amount of open space
14. Attracting people outside Grand Prairie
15. Council/community support – quality of life

What would make us MORE GRAND? Opportunities

1. Make docks at boat ramps more accessible
2. Trail connections – link systems, connect destinations
3. More outdoor fitness
4. More security features (phones, cameras, cell antennas) Wi-Fi; safety on trails
5. More trail head info – education, interpretation, historic markers
6. Reforestation possible
7. More picnic shelters – variety of sizes; upgrade amenities
8. More/better athletic complexes
9. More mini-neighborhood parks
10. Another dog park – south
11. Parks app
12. Nature center
13. South skate park/extreme park

-
14. Adventure activities/zip lines
 15. Pavilion for Prairie Lights
 16. Gravel pit as off road venue – old Lion Country Safari
 17. With Arlington – old Six Flags Mall as recreation facility (or with owner) (shooting range, archery, skate park)
 18. Ropes course, teambuilding, corporate use
 19. Dinner cruises with good operator
 20. Buy the marina
 21. Recreation center in the south
 22. A Parks Foundation

STRUCTURES – FACILITIES, STRUCTURES, FEATURES, BUILDINGS...

What makes us so GRAND? Strengths

1. Customer service (strong)
2. Number of facilities
3. Visionary facilities
4. Diversity of facilities
5. Cater to all ages
6. Cater to many recreational interests
7. Parks
8. Flexible offering for many uses
9. Strong/variety playgrounds
10. Exceeds the norm; architecturally “wow” factor
11. Good access to facilities
12. Connectivity to other cities
13. Shared efforts in partnering with other cities
14. High level of dedication to maintenance of facilities
15. Strong facilities
16. Innovative planning for new/future facilities
17. Risk taking/trend setters in facilities
18. Appropriate funds for facilities
19. Goals for first class/world class facilities
20. Facility maintenance
21. Natural/manmade
22. Lake resources
23. Lots of open space

What will make us MORE GRAND? Opportunities

1. Council trusts Parks, Arts, and Recreation department with facility and programs
2. Lighted trails
3. Tennis complex
4. Develop peninsula at Joe Pool Lake
5. South location – new recreation center
6. Add maintenance service centers – south and central
7. Improve/rehab existing service centers
8. Enhance “wow” factors; climbing walls, more gymnasias
9. Updates to existing parks; infrastructure, additional restroom facilities in parks
10. New athletic facilities; girls softball, boys baseball
11. Improve athletic play surfaces
12. New community center

-
14. Joe Pool – add camping amenities for campers
 15. Facility promotion (continue)
 16. Obtain community buy-in
 17. Move from 30 amp to 50 amp power at camp sites; applies to majority of sites and add sewer upgrades
 18. More cabins, upgrade cabins
 19. New event pavilion at Tangleridge Golf
 20. Pavilion for Prairie Lights event (URGENT) – could be used seasonally and year round
 21. Maintenance facility at Lynn Creek
 22. Admin building for Lloyd Park
 23. Fund future phases FER
 24. PlayGrand
 25. Real camp store for Loyd Park
 26. Playground (Loop E) at Loyd Park
 27. Clubhouse at Loyd Park

SERVICES – PROGRAMS, EVENTS, SERVICES...

What makes us so GRAND? Strengths

1. Wide variety of facilities, events, programs and services
2. Funding
3. Natural resources at lakes
4. Regional draw
5. Estes Peninsula development
6. Camp Wisdom development
7. Outdoor movies
8. Employee support
9. Networking with other entities
10. Motivated staff
11. Joint ventures with scouts
12. Flexibility
13. Can make mistakes without being ostracized
14. Great, unique special events

What will make us MORE GRAND?

1. Special event crew (dedicated)
2. Park police (security)
3. Supporting other divisions
4. Enhanced marketing
5. Sponsorships
6. Cooperative agreements
7. Enlarged camp store
8. Conditioned meeting space
9. Marketing to citizens
10. Diversity of community
11. Real estate cooperation
12. Better coordination with schools
13. Litter communication
14. Recreation registration (make it easier)
15. Special events staffing (shorthanded)

SYSTEMS – POLICIES, PROCEDURES, OPS, COMMUNICATIONS, MARKETING, FUNDING, STAFFING, LEADERSHIP

What makes us so GRAND? Strengths

1. Citizen support
2. Council support
3. Leadership support
4. Management support
5. Relationship of leadership with council – trust (which translates into action)
6. Sales tax revenue
7. Marketing team
8. Internal teamwork
9. Diverse facilities
10. Diverse community – and staff that reflects the community
11. Partnerships – especially with schools
12. Good natural resources
13. Proximity to Dallas/Fort Worth
14. CAPRA
15. Visionary

What will make us MORE GRAND? Opportunities

1. Staffing
 - a. Maintenance – number of staff necessary to maintain existing and new facilities (cannot rely on contract)
 - b. Special Events
 - c. Lake parks
 - d. In general
2. Internal engagement and involvement of staff (at events such as this meeting)
3. Succession Planning – retirements on the horizon for leadership; need to plan for it
4. Turnover – hiring young professionals not from the P&R field and they leave after a short time; focus more on hiring P&R graduates
5. Have a dedicated park police crew – ideally run by the Parks, Arts and Recreation department
6. Marketing and Communications – need to do more than what is being done today; not sufficient marketing going on...especially for parks
7. Cumbersome administrative processes – HR, finance, purchasing
8. Enterprise operations – lost revenue resulting from decision to allow city residents free entrance to the park; losing revenue while population and park usage is increasing. Tough to maintain service quality given limited revenue. Perhaps consider adjusting so that residents pay on weekends.
9. So many ideas for doing things different/better but no time, resources or staff to do it.

WRAP UP AND NEXT STEPS

The staff input session ended with Prasser reminding staff how they continue to be informed and involved in the planning process. Shinogle then provided staff with a hand out survey and “Park Bucks” to vote for priorities for the future. Shinogle thanked the staff for participating and adjourned the session.

**MAIN STREET FEST PUBLIC COMMENTS SUMMARY
GRAND PRAIRIE PARKS, ARTS, AND RECREATION STRATEGIC MASTER PLAN
MAIN STREET FEST
DOWNTOWN GRAND PRAIRIE BOOTH
PROJECT NO. 15102**



Friday and Saturday - April 22-23, 2016

Representatives of the Consulting Team and Grand Prairie staff hosted a tent at Main Street Fest. Attendees were invited to complete handout or online surveys, participate in the MySidewalk site, vote with dollars in polling boxes, and discuss their ideas for improving Grand Prairie Parks, Arts, and Recreation opportunities. The following are general open-ended comments provided by attendees.

- Bluebonnet photo opportunities
- Park at Polo and Robinson
- Long bike trails
- Splash pad at Turner Park
- Art in the Parks
- Host a Bluegrass Festival
- Cleaner restrooms
- Fishing ponds
- "Share the Road" notes on electronic signs to promote safer conditions for bicyclists
- Summer camps in the Lakes Sector
- Improve behavior at Tyre Park
- Upgrade Bowles Park
- More recycling
- Cycling trails
- Fix the dam
- All trails lead to Central Park
- Open Lynn Creek in November and December

The dollar voting is summarized with the other opportunities for voting in a separate document.

STAKEHOLDER GROUP DISCUSSION GRAND PRAIRIE PARKS AND RECREATION MASTER PLAN

By: Patrick D. Hoagland, ASLA



April 20, 2016

Grand Prairie Boys Baseball

Met with Rick Reeves

1. Brief history of your organization.
 - Boys baseball is part of USSA now, which allows them to be more profitable from tournaments. USSA offers a better quality of baseball than Dixie.
 - Mr. Reeves has been involved with this organization for over 30 years.
2. Number of participants, demographics, growth history, trends and pressures as relating to the service that you offer.
 - Currently they have about 600 participants in the recreation leagues. At one time they had as many as 1,300. In the last five years they have increased by about 100.
 - About 80% of players are City residents.
 - Participants are ages 5 to 14 and are on 67 teams.
 - There are also several travel teams, in conjunction with other cities.
 - The seasons are end of March to June and fall baseball in October and November, only on Saturdays with practice during the week. Less play is desired in fall due to the grass being dormant.
 - All coaches have background checks.
3. List of the facilities your organization currently uses. And your assessment of the adequacy of those facilities.
 - Mc Falls West fields – 6 fields of which 5 are lighted. These fields flood which impacts their usability and condition. They would be better as practice fields only, but there may be political pressure to keep them active. Flooding impacts mainly fields 1-4. Fields 5 and 6 need new lights.
 - Charley Taylor Park – Use 3 fields, 2 for 13-14 year olds and one for 9-10 year olds.
 - C.P. Waggoner Park – use 4 fields for 11-12 year olds and 1 field for T-Ball (5-8 year olds).
 - Mike Lewis Park - All ages and 13-14 year olds. This was originally built primarily for softball. These fields need new lights also.
 - They use all fields when hosting tournaments, which could have 80 to 100 teams, but could host more if facilities were available. Here are 300 teams in a benefit tournament they host.
 - The number of fields used now is adequate, but some could be improved and are not easily accessible to residents in the south.
 - 13-14 year olds need more fields with bases at 80' and mound at 54' distance and Major fields with 60' pitching distance and 90' bases.
4. How are you funded?
 - Funded through fees and tournaments, plus concession income. No other fundraising is done.
 - The Lone Starr Tournament is hosted with funds designated for field maintenance.
 - They will host a tournament with proceeds going to the Grand Play project.

-
5. Your relationship with the Grand Prairie Parks, Arts & Recreation Department and how it could be improved.
- The relationship is good and better than it had been in the past, especially over the last ten years.
6. Pretend it is 2026 and you are extremely pleased with what your organization and the Grand Prairie Parks, Arts & Recreation Department have accomplished over the last ten years. What has happened to result in this success? What does your organizational landscape look like? What is your vision for your organization and the parks and recreation services in Grand Prairie?
- 4-8 new fields in the south portion of Grand Prairie to service all age groups.
 - Steady increase of players.
 - Upgraded old parks.
 - Total of 900 to 1,000 children in the program.
 - Need more score boards.
 - Need more shade at fields.
 - All facilities are well maintained.

MEETING SUMMARY
GRAND PRAIRIE PARKS, ARTS, AND RECREATION STRATEGIC MASTER PLAN
COMMISSION ON AGING STAKEHOLDER GROUP
THE SUMMIT
PROJECT NO. 15102



Wednesday, April 20, 2016
10:00 to 11:00 am

Reference Materials

Refer to meeting slides used to guide the meeting discussion.

Attendees

Grand Prairie Planning Department staff (4), park staff ~15), BCI consultants (3), Commission on Aging Board, and seniors

Meeting Purpose

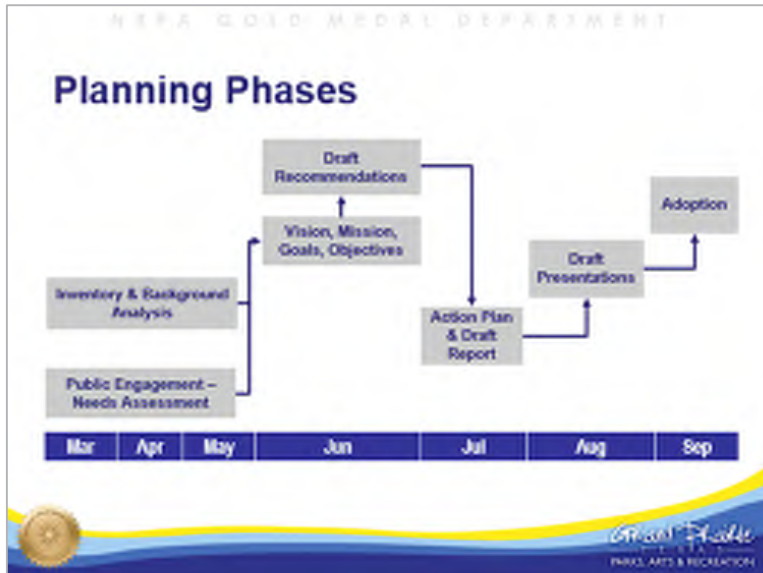
Solicit citizen input on the strategic master planning process

Meeting Objectives

- Provide an understanding of the overall strategic master planning process
- Gain citizen perspective and input
- Provide an understanding of next steps and how to be involved in the process

Master Plan Overview

The meeting was convened by Mr. Tim Shinogle, Planning Director. Shinogle welcomed the Board and citizens, introduced the consultants and provided an overview of what a master plan is, what it includes, why it is important, and progress that was made since the last master plan was adopted in 2008. Mr. Shinogle then introduced Ms. Katie Prasser (consultant) who provided a more detailed explanation of the process the city will follow to develop a revised strategic master plan for the ten-year period beginning 2016 and ending 2026.



Ms. Prasser described the initial public engagement process, who is involved, the varying perspectives of those providing input to the process, and the key role citizens play in providing input to the planning process.

A Truly GRAND Parks, Arts and Recreation System

Ms. Prasser then introduced an exercise to solicit input from the Commission and citizens on four key questions. The responses are summarized below:

1. What Grand Prairie programs and/or facilities do you use most?
 - Summit for the pool, gym, lunch, fitness, track, hot tub, volunteer, coffee, social, dance, exercise classes.
 - Veterans Park Event Center for meetings.
 - Farmers Market
 - Tony Schott Center
 - Lake Parks
 - Uptown Theater
 - McFalls Parks
 - Golf courses
 - Bark Park
 - Trails
2. What do you like, enjoy most about Grand Prairie's parks, arts and recreation system?
 - Everything about the Summit
 - Farmers Market
 - Affordable
 - Easily accessible
 - Senior programs
 - Serving kitchen – Volunteer
 - Diversity of events
 - Year-round activities
 - Good police and fire – Feel safe and secure
 - Partnerships in the community
 - Lunch Program
3. What do you dislike, wish to add or improve about Grand Prairie's parks, arts and recreation system?
 - Signage
 - Better restaurants
 - Limited use of some facilities (Soccer Complex closed during the day). Need sidewalks to the Soccer Complex
 - Trash in the streams
 - Time to fix fitness equipment is too long (lockers and fitness machines)
 - Parking
 - Places to stretch on the trails is needed.
 - Need seating along trails.
4. Imagine it is 2026. What would your vision of the Grand Prairie parks, arts and recreation system look like?
 - Strategic digital signage
 - Veterans Museum with Grand Prairie history
 - Self-sustaining
 - Public transportation (timely)
 - Benches at the front of the Summit
 - More shower room area.

WRAP UP AND NEXT STEPS

The input session ended with Ms. Prasser reminding citizens how they continue to be informed and involved in the planning process. Mr. Shinogle then provided citizens with a hand out survey and "Park Bucks" to vote for priorities for the future. Mr. Shinogle thanked the Commission and citizens for participating.

Project Discovery 2026

Creating a GRAND Park System

DOLLAR VOTING

	Events									Total in Category	Percentage of Total
	Community Meeting Tony Shotwell Life Center March 10, 2016	Community Meeting Park Administration March 23, 2016	Community Meeting Farmers Market April 2, 2016	Community Meeting Betty Warmack Library April 5, 2016	Community Meeting The Summit (Commission on Aging) April 20, 2016	Community Meeting The Summit April 20, 2016	Community Meeting Main Street Fest April 22, 2016	Community Meeting Main Street Fest April 23, 2016	Community Meeting Main Street Fest April 24, 2016		
Box Category										Category Total	Overall Percentage of Total
Lake Park Facilities & Amenities	10	5	63	0	26	55	90	153	37	439	15%
Splash Pad & Pool Improvements	25	19	82	0	3	6	94	153	37	419	15%
New Park & Recreation Facilities	8	9	76	0	9	14	45	97	32	290	10%
Improved Maintenance of Existing Parks	19	12	55	0	25	16	62	127	48	364	13%
Trails	18	18	136	0	20	11	141	248	85	677	23%
Athletic Fields	50	4	35	0	9	10	41	79	21	249	9%
Parks & Open Space	14	6	76	0	19	6	60	106	42	329	11%
Recreation Programs	17	10	0	0	26	9				62	2%
Other	16	6	11	0	24	3				60	2%
TOTAL	177	89	534	0	161	130	533	963	302	2889	100%

OTHER CATEGORY

Box Category	Events											Category Total	Overall Percentage of Total
	Community Meeting Tony Shotwell Life Center March 10, 2016	Community Meeting Park Administration March 23, 2016	Community Meeting Farmers Market April 2, 2016	Community Meeting Betty Warmack Library April 5, 2016	Community Meeting The Summit (Commission on Aging) April 20, 2016	Community Meeting The Summit April 20, 2016	Community Meeting Main Street Fest April 22, 2016	Community Meeting Main Street Fest April 23, 2016	Community Meeting Main Street Fest April 24, 2016	Community Meeting Lake Park Operations May 5, 2016	Community Meeting Grand Peninsula May 11, 2016		
Playgrounds	4	1	3	0	0	0	0	8	3		0	19	11%
Tennis Courts	1	0	2	0	0	0	1	2	1		0	7	4%
Group Pavilions	1	0	1	0	0	0	0	5	3		0	10	6%
Picnic Shelters	0	0	3	0	0	0	0	5	0		0	8	5%
Picnic Areas	1	0	2	0	0	0	1	2	0		0	6	4%
Multipurpose Courts	0	0	2	0	0	0	1	2	0		0	5	3%
Outdoor Fitness	4	0	6	0	0	0	1	4	2		0	17	10%
Extreme Sports	2	0	2	0	0	0	1	1	3		0	9	5%
Public Art	2	1	5	0	0	0	0	5	3		0	16	10%
Nature Areas	1	0	6	0	0	0	2	12	3		0	24	14%
Lake Oriented	1	0	6	0	0	0	2	16	2		0	27	16%
Fishing			2					5	1				
Camping			1					4	1				
Boating			1					3	1				
Other (See list below)	4	1	13	0	0	0	0				0	18	11%
TOTAL	21	3	55	0	0	0	9				0	166	100%

Other Suggestions													
Volleyball	2												
Dog Park							1	2					
Tony Shotwell Area	1		1										
Fish Creek Area			1										
Joe Pool Area			1										
Tennis	1												
Permanent Restrooms		1											
Pot hole at Natatorium parking lot			1										
Outdoor community pool - south side			1										
Amenities closer to playground at Lynn			1										
Area for bonfires (open space)			1										
Shooting Range			2										
Accessible sidewalks - downtown tracks			1										
Horticultural info tags on plants			1										
Good Link			1										
Etiquette Signage along Trails													
Proper trail makers							1						
Cycling Trails / Maps								5					
Bike Lanes to DART Rail Station							1						
More Parks in South GP							1						
More Festivals like Main Street Fest							1						
Pickle Ball				4									
Rock Climbing							1		1				
Improve Drainage at McFalls East										1			
Outdoor shooting range													
Mountain Bike Trails								1					
More Soccer Organizations							2						
Semi Professional Soccer Field							1						
American Ninja Warrior Obstacle							1						
Fishing Piers								1					
Hiking / Mountain Bike Trail			1										

RECREATIONAL PROGRAMS

Requests	Community Meeting Tony Shotwell Life Center March 10, 2016	Community Meeting Park Administration March 23, 2016	Community Meeting Farmers Market April 2, 2016	Community Meeting Betty Warmack Library April 5, 2016	Community Meeting The Summit (Commission on Aging) April 20, 2016	Community Meeting The Summit April 20, 2016	Community Meeting Main Street Fest April 22-24, 2016	Community Meeting Lake Park Operations May 5, 2016	Community Meeting Grand Peninsula May 11., 2016	Category Total	Overall Percentage of Total
Art Classes	2	0	0							2	10%
Impr maint at Bowles Pavilion	1	0	0							1	5%
Artificial turf at sports fields	3	0	0							3	15%
Security lights around Shotwell	1	0	0							1	5%
Picnic Areas	1	0	0							1	5%
Physical Programs for elderly	1	0	0							1	5%
Pet Training	2	0	0							2	10%
Zumba/Yoga at Shotwell	1	0	0							1	5%
Weekend Activities	1	0	0							1	5%
Indoor Pools	1	0	0							1	5%
Rec Programs near SH303	1	0	0							1	5%
Music events downtown			1							1	5%
Holiday parades			1							1	5%
Kite/Hot Air Balloon Festival			1							1	5%
Taste of Dallas/GP Event			1							1	5%
Dog Parks			1							1	5%
Kid's Activities							1				
Mom's Club Activities							1				
Kayaking Trails							1				
Flower & Tree ID tags							1				
Better Soccer Organization							2				
Cleaner Restrooms							1				
More Bands - Bigger Names, local bands							1				
Summer Camp Projects for kids							1				
Mom's Workout with their kids							1				
Hire police with understanding of diversities of cultures							1				
TOTAL	15	0	5	0	0	0	11	0	0	20	100%



Appendix F
Parks & Recreation Needs Assessment Survey Report

Grand Prairie Parks and Recreation Needs Assessment Survey

...helping organizations make better decisions since 1982

Findings
Report

Submitted to the City of Grand Prairie by:

ETC Institute
725 W. Frontier Lane,
Olathe, Kansas
66061

June 2016





City of Grand Prairie Parks and Recreation Needs Assessment Survey Executive Summary

Overview

ETC Institute administered a needs assessment survey for the City of Grand Prairie during the spring of 2016. The survey was administered as part of the City's Citizen Survey to help establish priorities for future improvements and development of parks, trails, recreation facilities, and services within the City.

Methodology

ETC Institute mailed a survey packet to a random sample of households in the City of Grand Prairie. Each survey packet contained a cover letter, a copy of the survey, and a postage-paid return envelope. Residents who received the survey were given the option of returning the survey by mail or completing it on-line at www.CityofGrandPrairieSurvey.org.

A few days after the surveys were mailed, ETC Institute sent emails and placed phone calls to the households that received the survey to encourage participation. The emails contained a link to the on-line version of the survey to make it easy for residents to complete the survey. To prevent people who were not residents of the City of Grand Prairie from participating, everyone who completed the survey on-line was required to enter their home address prior to submitting the survey. ETC Institute then matched the addresses that were entered on-line with the addresses that were originally selected for the random sample. If the address from a survey completed on-line did not match one of the addresses selected for the sample, the on-line survey was not counted.

The goal was to obtain completed surveys from at least 600 residents. The goal was exceeded with a total of 741 residents completing the survey. The overall results for the sample of 741 households have a precision of at least $\pm 3.6\%$ at the 95% level of confidence.

This main body of this report contains the following:

- Charts showing the overall results of the survey (Section 1)
- Priority Investment Rating (PIR) that identifies priorities for facilities and programs (Section 2)
- Tabular data showing the overall results for all questions on the survey (Section 3)
- A copy of the survey instrument (Section 4)



To better understand the needs of different segments of the City’s population, ETC Institute also prepared two Appendices, A and B. Appendix A contains cross-tabulations which break down the survey results by area (North, Central, South). Appendix B contains GIS maps indicating how different areas of the City responded to particular survey questions.

The major findings of the survey are summarized below and on the following pages.

Use of the Parks and Recreation Facilities in the City of Grand Prairie

Overall Use: Seventy-seven percent (77%) of households surveyed indicated they had visited a park or recreation facility in the City of Grand Prairie during the past 12 months.

Ratings: Of the households who visited a park or recreation facility, 88% rated the park or facility as either “excellent” (36%) or “good” (52%). Only 12% rated the parks or facilities as “fair” and 1% rated the programs as

Level of Use. Of the households who had visited a park or recreation facility, 32% indicated they made 1 to 5 visits. Twenty-one percent (21%) indicated that they had made 6-10 visits, and 29% indicated they had made 20+ visits.

Program Participation and Ratings

Overall Participation. Twenty-one percent (21%) of households surveyed indicated that they had participated in the City of Grand Prairie programs during the past 12 months.

Ratings. Of households who had participated in programs, 87% rated the programs as either “excellent” (37%) or “good” (50%). Only 11% rated the programs as “fair” and 2% rated the programs as “poor”.

Support for Improvements

Residents were asked to rate their level of support for a list of 13 actions the City of Grand Prairie could take to improve the parks and recreation services in the City. Based on the sum of respondents’ top three choices, the three most important functions that should be most important for the City to provide were: Upgrade older parks & recreation facilities (45%), purchase land to preserve open space, natural, & historic areas (35%), and develop new recreational trails & connect existing trails (32%).

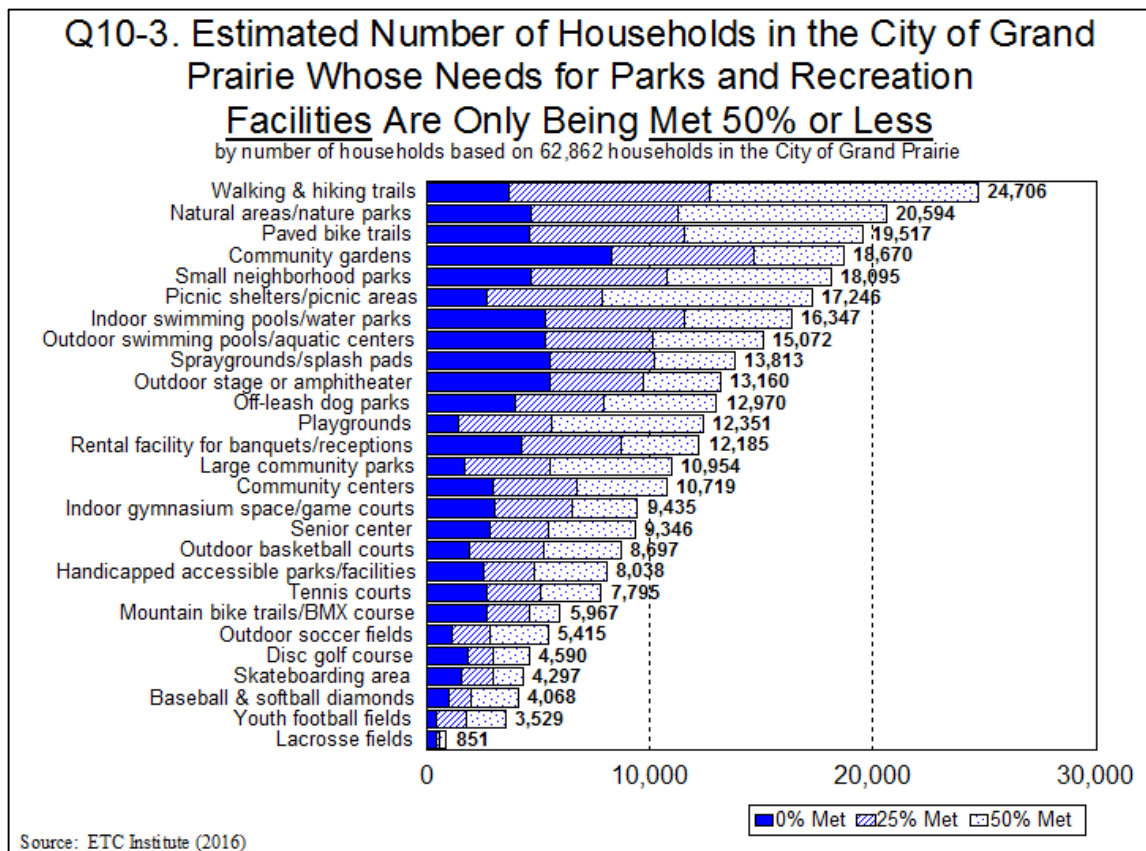
Respondents were then given a list of 13 potential improvements that could be made to existing parks in the City of Grand Prairie. The top three potential improvements were: improve/add restrooms (63%), walking/jogging trails (62%), and park security lighting (57%).



Facility Needs and Priorities

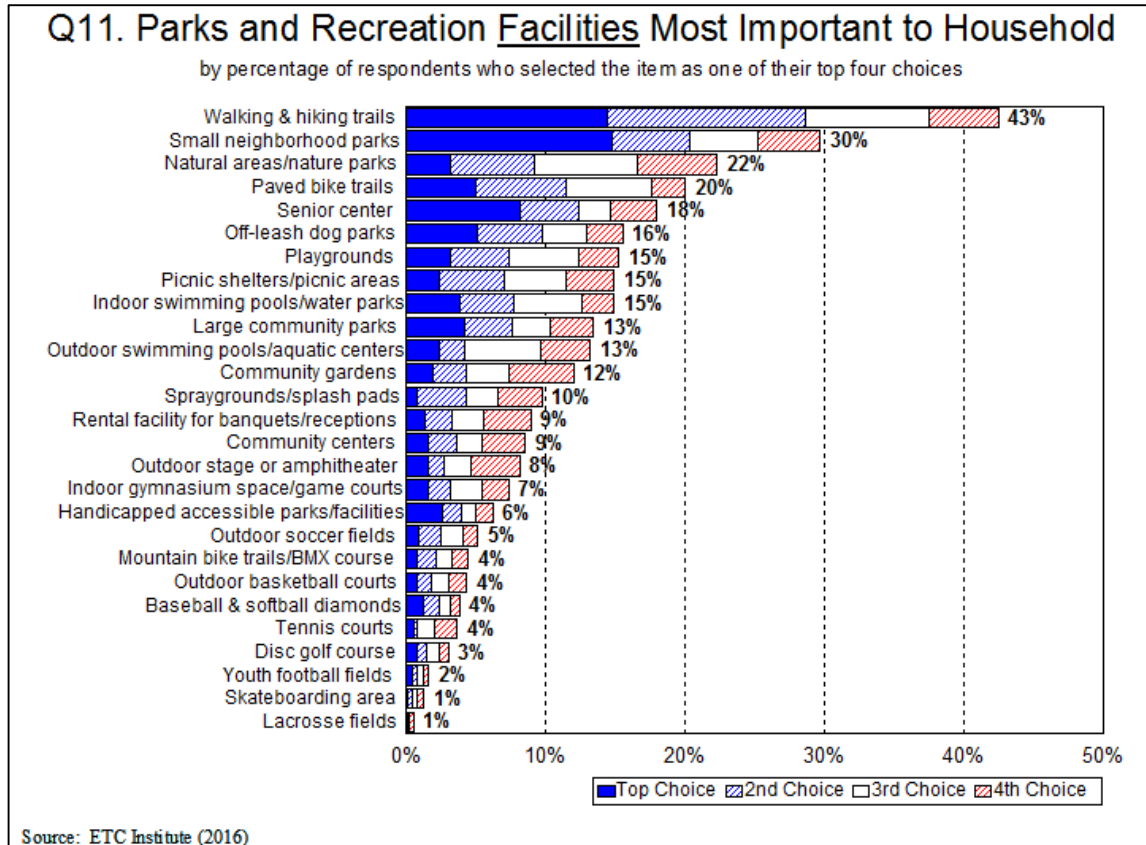
Facility Needs. Respondents were asked to identify if their household had a need for 27 recreation facilities and rate how well their needs for each facility were currently being met. Based on this analysis, ETC Institute was able to estimate the number of households in the community that had the greatest “unmet” need for various facilities.

The three recreation facilities with the highest percentage of households that indicated a need for the facility were: walking & hiking trails (64%), natural areas/nature parks (53%), and small neighborhood parks (51%). When ETC Institute analyzed the unmet needs in the community, only two facilities, walking & hiking trails and natural areas/nature parks, had an unmet need that affected more than 20,000 households. ETC Institute estimates a total of 24,706 households in the City of Grand Prairie have unmet needs for walking & hiking trails. Natural areas/nature parks had the second greatest level of unmet need, 20,594 estimated households. The estimated number of households that have unmet needs for each of the 27 facilities that were assessed is shown in the table below.



Facility Importance. In addition to assessing the needs for each facility, ETC Institute also assessed the importance that residents placed on each facility. Based on the sum of respondents’ top four choices, the three most important facilities to residents were: walking & hiking trails

(43%), small neighborhood parks (30%), and natural areas/nature parks (22%). The percentage of residents who selected each facility as one of their top four choices is shown in the table below.

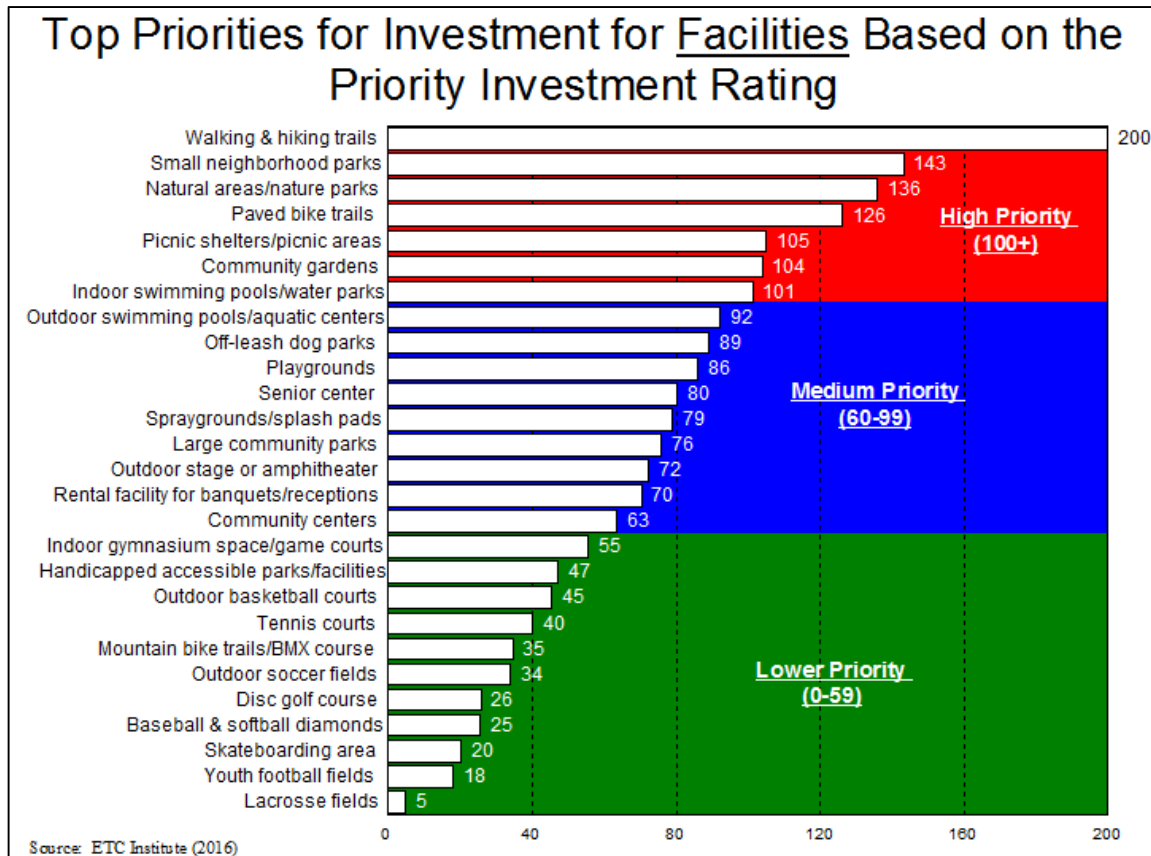


Priorities for Facility Investments. The **Priority Investment Rating (PIR)** was developed by ETC Institute to provide organizations with an objective tool for evaluating the priority that should be placed on parks and recreation investments. The Priority Investment Rating (PIR) equally weights (1) the importance that residents place on facilities and (2) how many residents have unmet needs for the facility. [Details regarding the methodology for this analysis are provided in Section 2 of this report.]

Based the Priority Investment Rating (PIR), the following seven facilities were rated as high priorities for investment:

- Walking & hiking trails (PIR=200)
- Small neighborhood parks (PIR=143)
- Natural areas/nature parks (PIR=136)
- Paved bike trails (PIR=126)
- Picnic shelters/picnic areas (PIR=105)
- Community gardens (PIR=104)
- Indoor swimming pools/water parks (PIR=101)

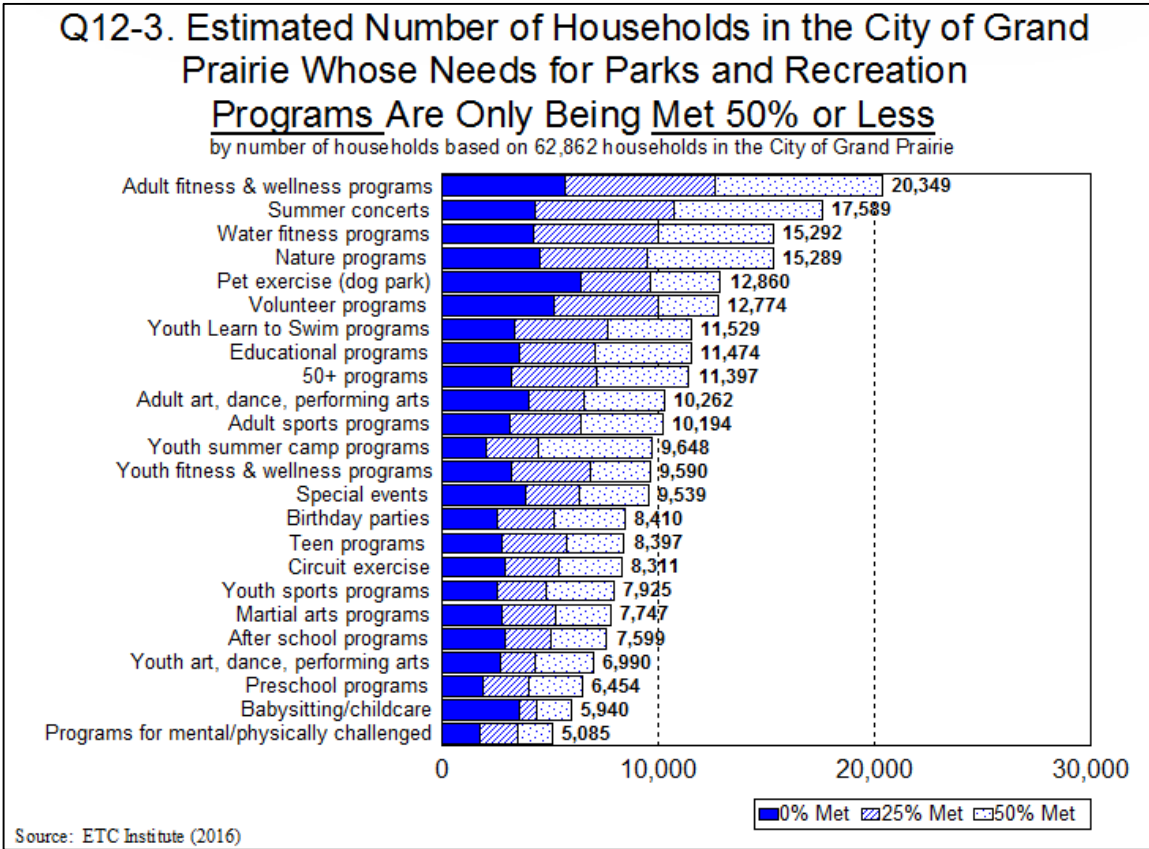
The chart below shows the Priority Investment Rating for each of the 27 facilities/amenities that were assessed on the survey.



Programming Needs and Priorities

Programming Needs. Respondents were also asked to identify if their household had a need for 24 recreational programs and rate how well their needs for each program were currently being met. Based on this analysis, ETC Institute was able to estimate the number of households in the community that had “unmet” needs for each program.

The three programs with the highest percentage of households that had needs were: adult fitness & wellness programs (51%), summer concerts (42%), and 50+ programs (37%). In addition to having the highest total need, two of these programs also have the highest unmet need among the 24 programming-related areas that were assessed. ETC Institutes estimates that a total of 20,349 households have unmet needs for adult fitness & wellness programs, 17,589 have unmet needs for summer concerts, while 15,292 have unmet needs for water fitness programs. The estimated number of households that have unmet needs for each of the 24 programs that were assessed is shown in the chart on the following page.

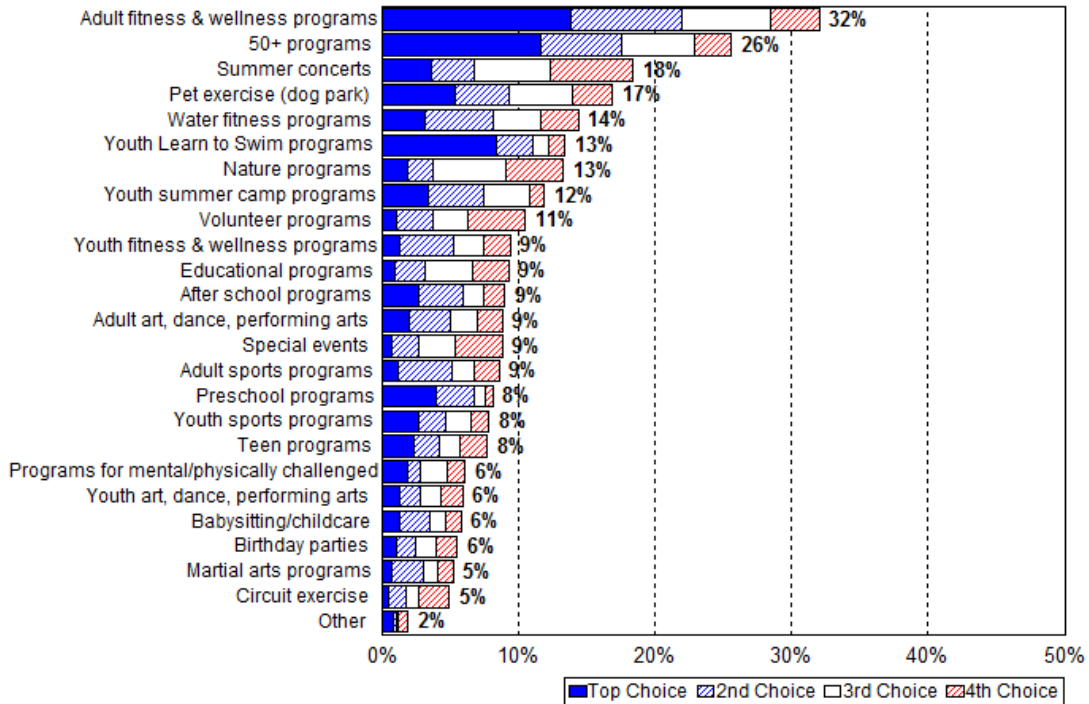


Program Importance. In addition to assessing the needs for each program, ETC Institute also assessed the importance that residents place on each program. Based on the sum of respondents’ top four choices, the three most important programs to residents were: adult fitness & wellness programs (32%), 50+ programs (26%), and summer concerts (18%).

The percentage of residents who selected each program as one of their top four choices is shown in the table at the top of the following page.

Q13. Parks and Recreation Programs Most Important to Household

by percentage of respondents who selected the item as one of their top four choices

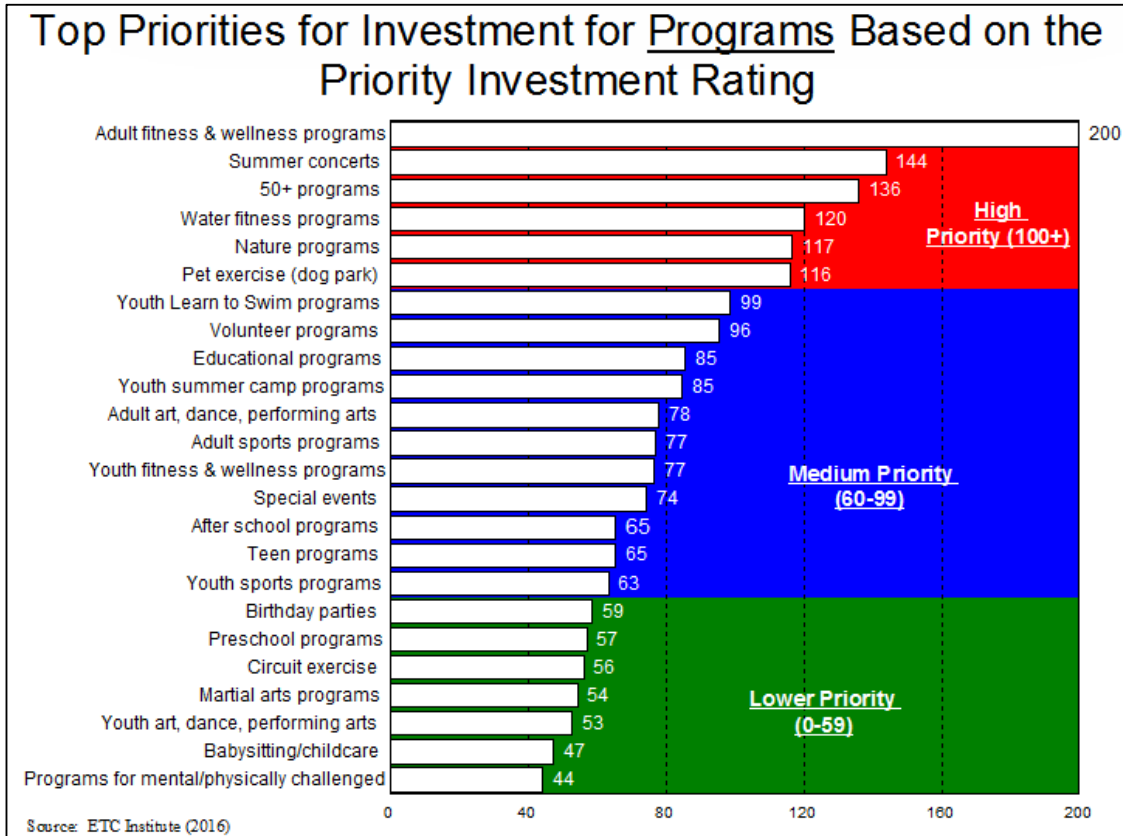


Source: ETC Institute (2016)

Priorities for Programming Investments. Based on the priority investment rating (PIR), which was described briefly on page iv of the Executive Summary and is described in more detail in Section 2 of this report, the following four programs were rated as “high priorities” for investment:

- Adult fitness & wellness programs (PIR=200)
- Summer concerts (PIR=144)
- 50+ programs (PIR=136)
- Water fitness programs (PIR=120)
- Nature programs (PIR=117)
- Pet exercise (dog park) (PIR=116)

The chart on the following page shows the Priority Investment Rating (PIR) for each of the 24 programs that were rated.



Program Participation. ETC Institute also assessed the current participation levels of residents in each program. Based on the sum of the respondent’s top four choices, the three programs which residents currently participate most in are adult fitness & wellness programs (19%), 50+ programs (14%), and pet exercise (dog park) (12%).

Ways Households Learn About Recreation or Activities

Respondents were asked to identify ways they learn about recreation and activities from a list of 15 potential choices. The most preferred ways to get information were from the water bill (63%), “Life is Grand” Magazine (43%), signs around town (42%), and brochures/flyers (42%).

How Long Residents Would be Willing to Drive to Attend Programs or Use Park and Recreation Facilities

Thirty-nine percent (39%) of respondents indicated they would be willing to drive 11-15 minutes to attend programs or use park and recreation facilities. Thirty-four percent (34%) indicated they would drive between 0 and 10 minutes, while 27% indicated they would drive between 16 and 30+ minutes to attend programs or use park and recreation facilities.



Funding Allocation

Respondents were asked to allocate \$100 among a list of seven types of parks and recreation improvements the City of Grand Prairie could make. Improvements/maintenance of existing parks, playgrounds, game courts, & picnic areas (\$25), development of new walking & biking trails (\$20), and acquisition of land for open space/green space/future park land (\$16) received the highest amount of support.

Barriers to Park, Facility and Program Usage

Respondents were asked from a list of 21 potential reasons to identify the reasons that prevent them from utilizing parks, facilities, trails, and programs of the City of Grand Prairie more often. The top four reasons selected were: I do not know what is being offered (38%), I do not know location of facilities (31%), too far from our residence (29%), and fees are too high (20%).

City of Grand Prairie's Commission on Aging

Familiarity: A majority of respondents were not aware of the function, work, and performance of the Commission on Aging (91%).

Satisfaction with Performance: Of those who were aware of the function, work, and performance of the Commission on Aging, 61% of respondents were either completely or somewhat satisfied with their performance. Only 19% of respondents were either somewhat or completely unsatisfied, and 20% of respondent's did not know.

Most Important Services: Respondents were asked to rate the importance, from most to least important, of five services for the aging population of Grand Prairie. Based on the percentages of respondent's top two choices transportation (45%), entertainment/recreation (41%), and home services (41%) were the top three out of the five services.

How Effective City is Providing Services: Respondents were then asked to rate how effective the City is in providing services for the aging population of Grand Prairie. The top three services which received the highest positive ratings (Very/Somewhat Effectively) were: Entertainment/recreation (65%), volunteer opportunities (55%), and health and nutrition services (55%).

Conclusions

The results of the survey show that the City of Grand Prairie is doing an excellent job of maintaining the physical condition of parks facilities Overall satisfaction with programs and facilities is very high, and overall support for actions the City could take to improve the parks and recreation services is very high.

In order to ensure that the City of Grand Prairie continues to meet the needs and expectations of the community, ETC Institute recommends that the Park District sustain and/or improve the Districts performance in areas that were identified as "high priorities" by the Priority Investment



Rating (PIR). The facilities and programs with the highest PIR ratings are listed below.

Facility Priorities

- Walking & hiking trails
- Small neighborhood parks
- Natural areas/nature parks
- Paved bike trails
- Picnic shelters/picnic areas
- Community gardens
- Indoor swimming pools/aquatic centers

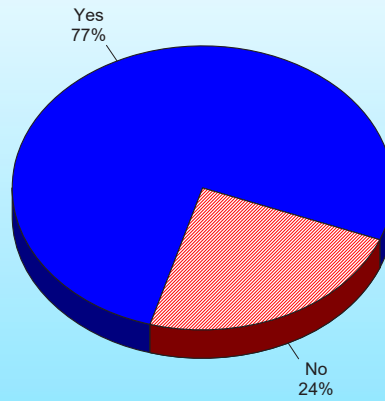
Programming Priorities

- Adult fitness & wellness programs
- Summer concerts
- 50+ programs
- Water fitness programs
- Nature programs
- Pet exercise (dog park)

Section 1

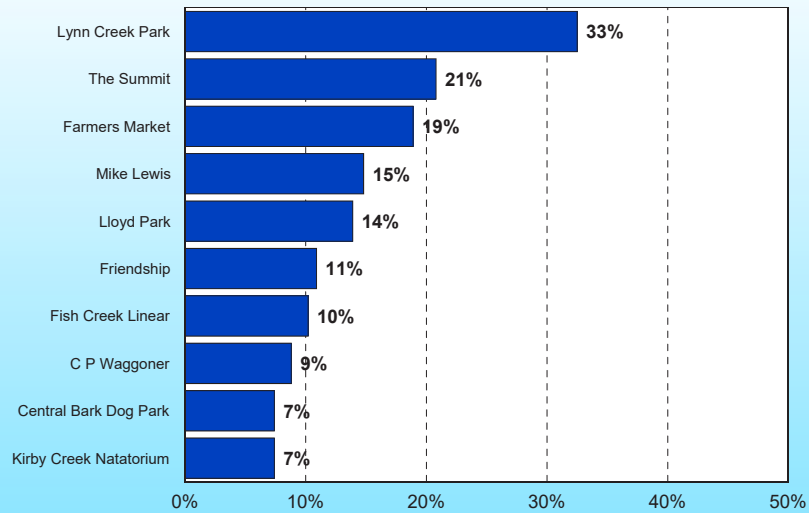
Charts and Graphs

Q1. Whether or Not Household Has Visited Any of the Parks and/or Recreation Facilities in the City of Grand Prairie During the Past 12 Months
by percentage of respondents



Source: ETC Institute (2016)

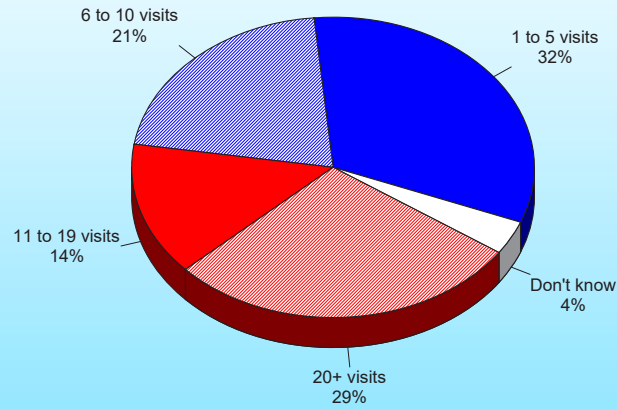
Q3. Top Ten Parks and Recreation Facilities Most Visited During the Past 12 Months
by percentage of respondents who selected the item as one of their top three choices



Source: ETC Institute (2016)

Q4. Approximately How Often Did Household Visit Facilities in the City of Grand Prairie During the Past Year

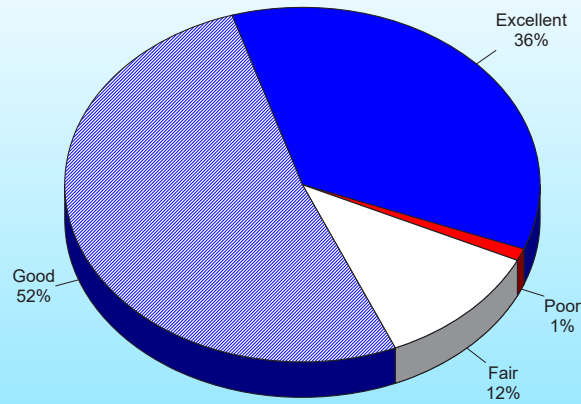
by percentage of respondents



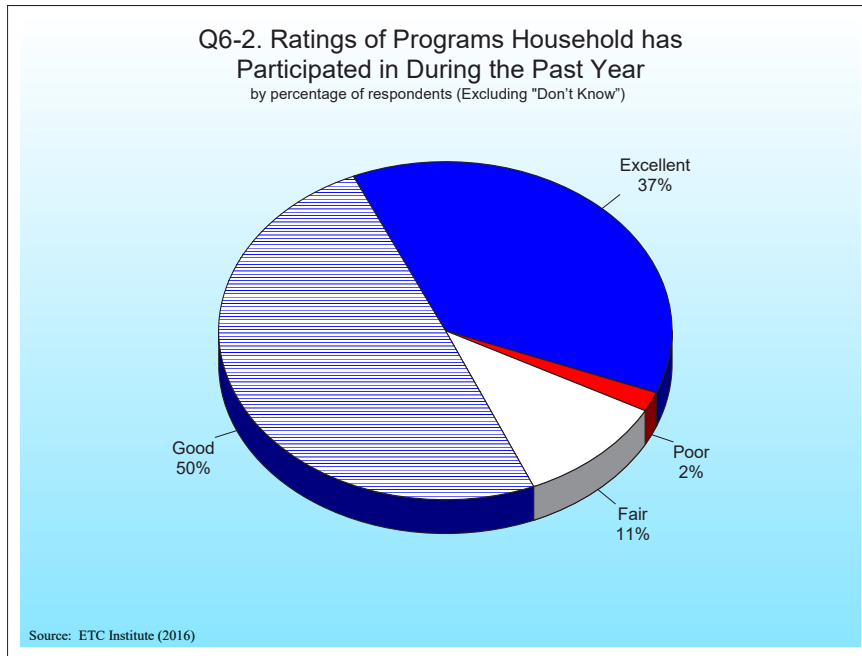
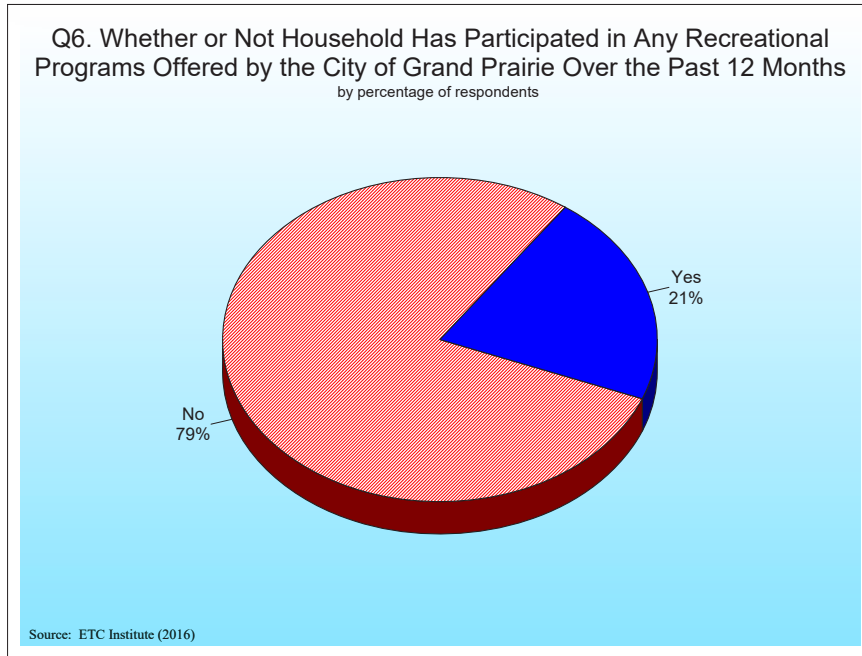
Source: ETC Institute (2016)

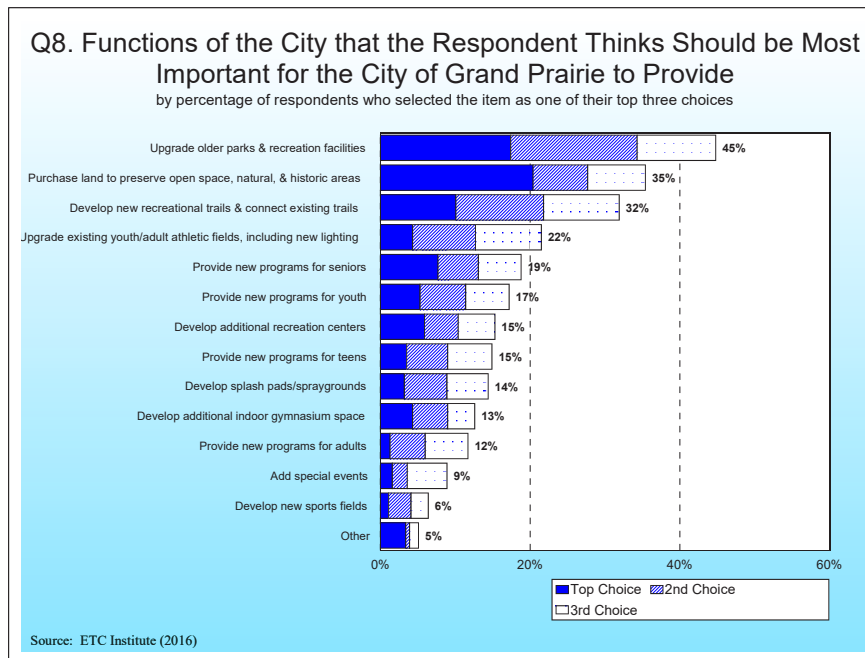
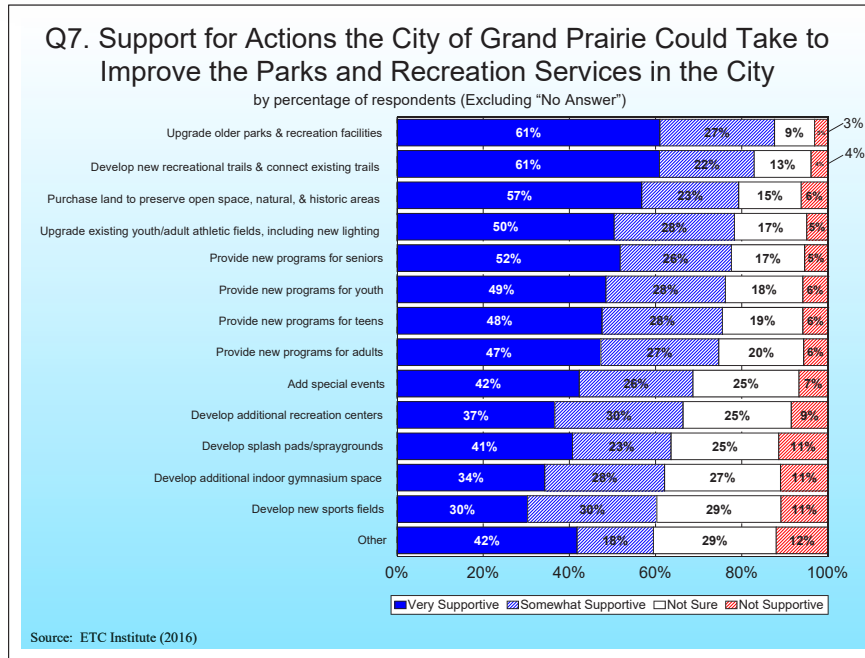
Q5. Rating Physical Condition of Facilities Household has Visited During the Past Year

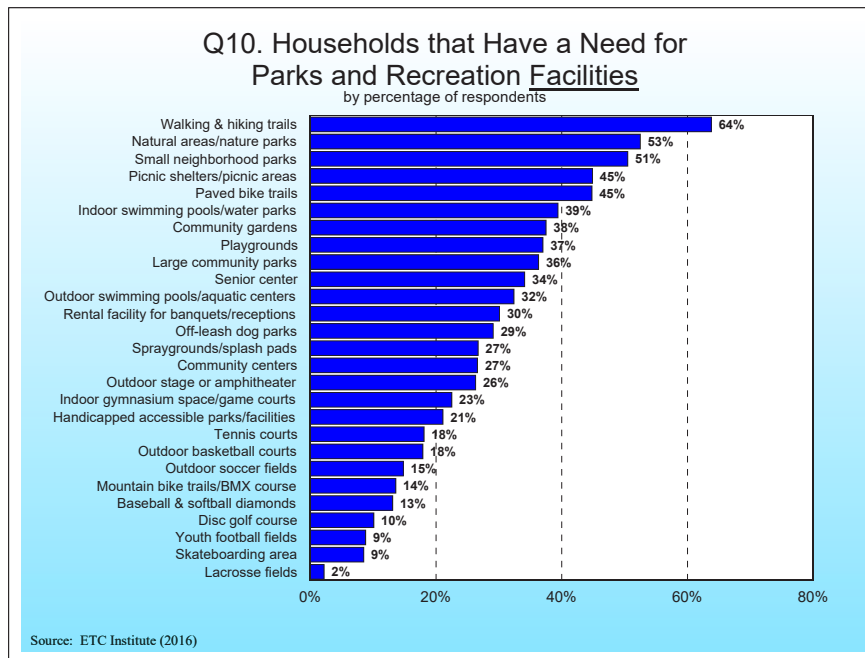
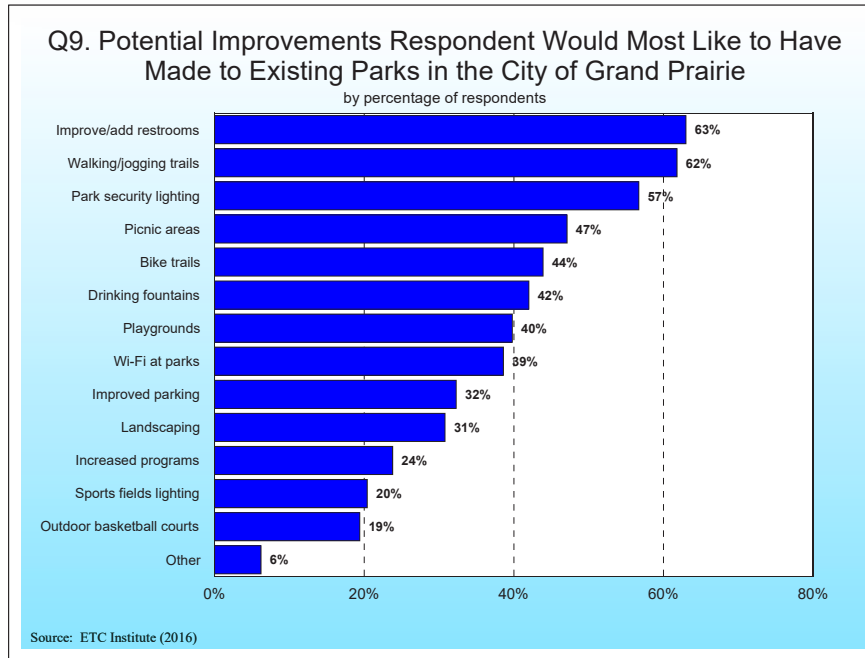
by percentage of respondents (Excluding "Don't Know")



Source: ETC Institute (2016)

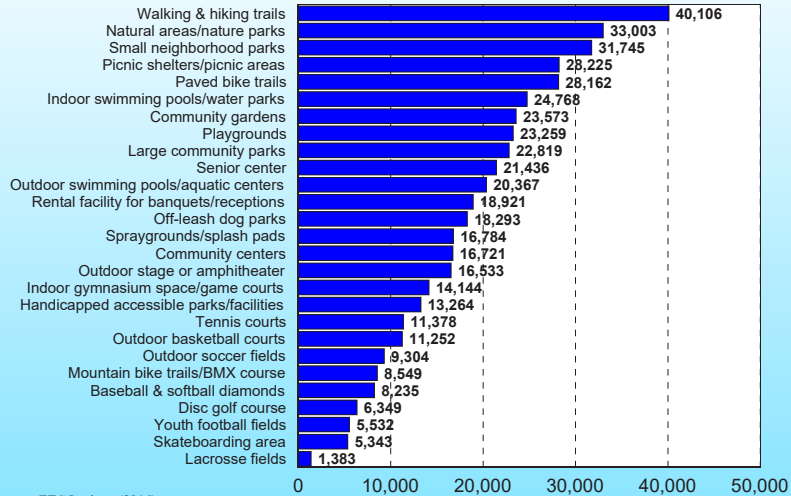






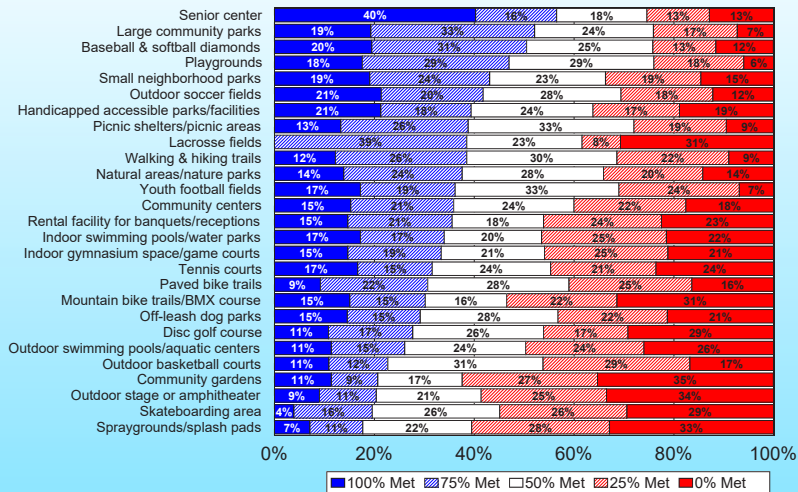
Q10-1. Estimated Number of Households in the City of Grand Prairie that Have a Need for Parks and Recreation Facilities

by number of households based on 62,862 households in the City of Grand Prairie



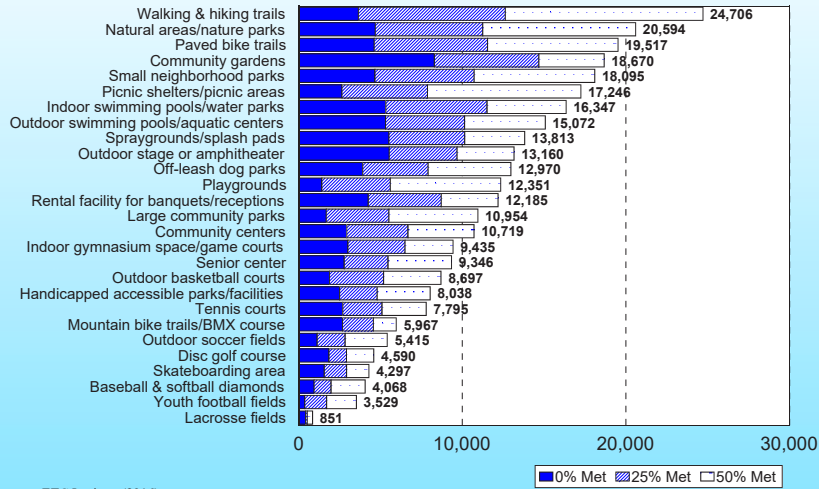
Q10-2. How Well the City of Grand Prairie Parks and Recreation Facilities are Meeting the Needs of Households

by percentage of households that have a need for facilities



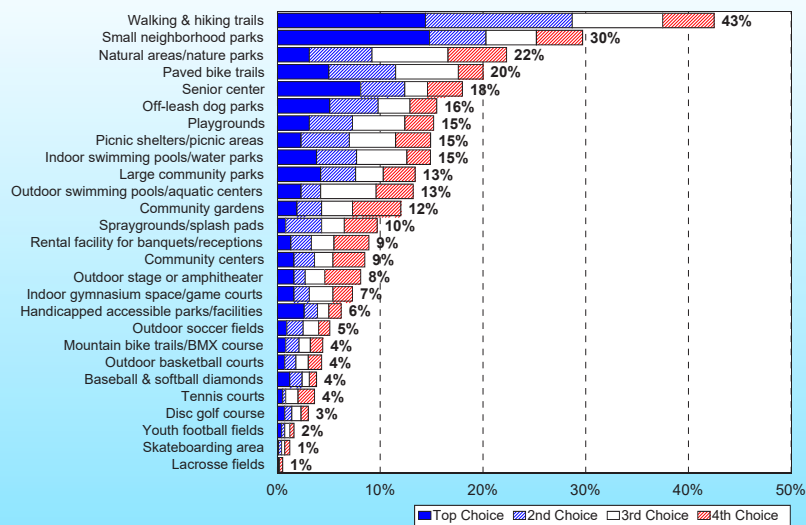
Q10-3. Estimated Number of Households in the City of Grand Prairie Whose Needs for Parks and Recreation Facilities Are Only Being Met 50% or Less

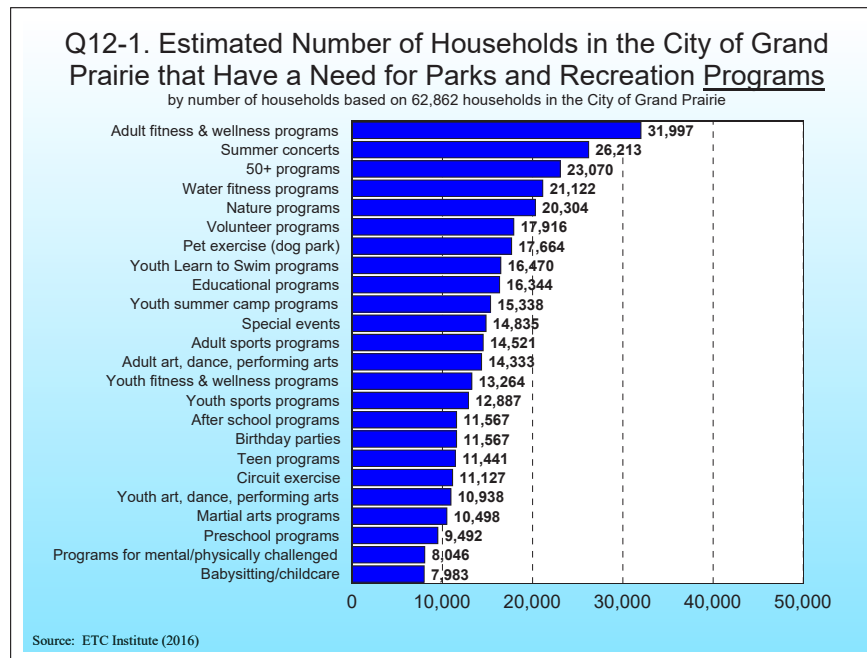
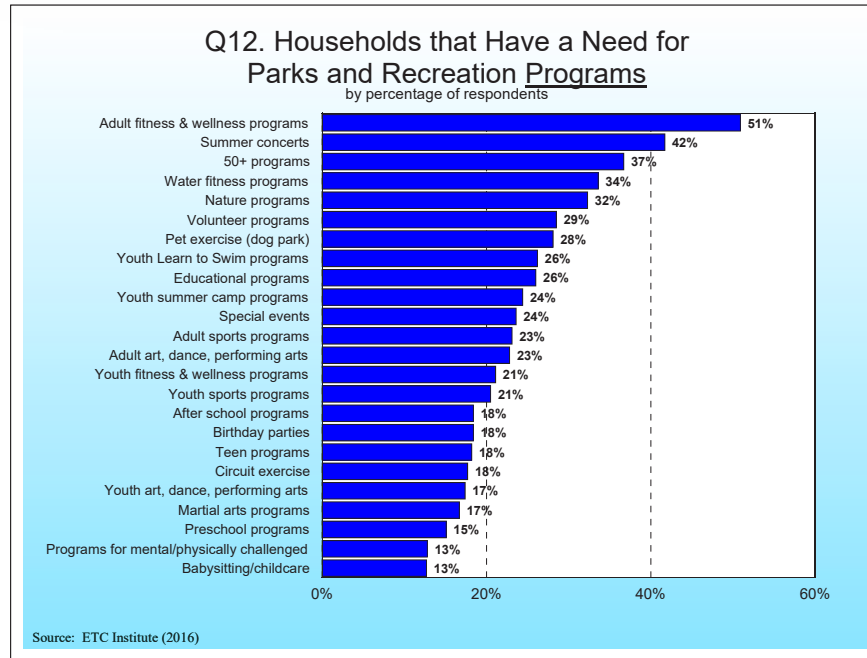
by number of households based on 62,862 households in the City of Grand Prairie



Q11. Parks and Recreation Facilities Most Important to Household

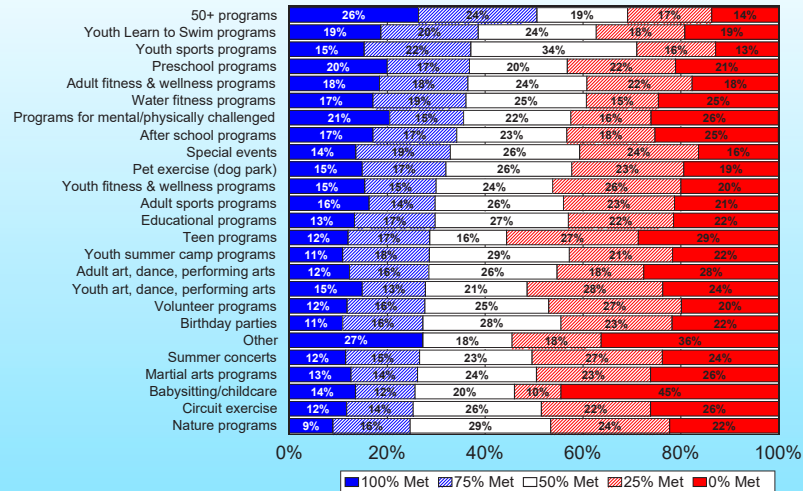
by percentage of respondents who selected the item as one of their top four choices





Q12-2. How Well the City of Grand Prairie Parks and Recreation Programs are Meeting the Needs of Households

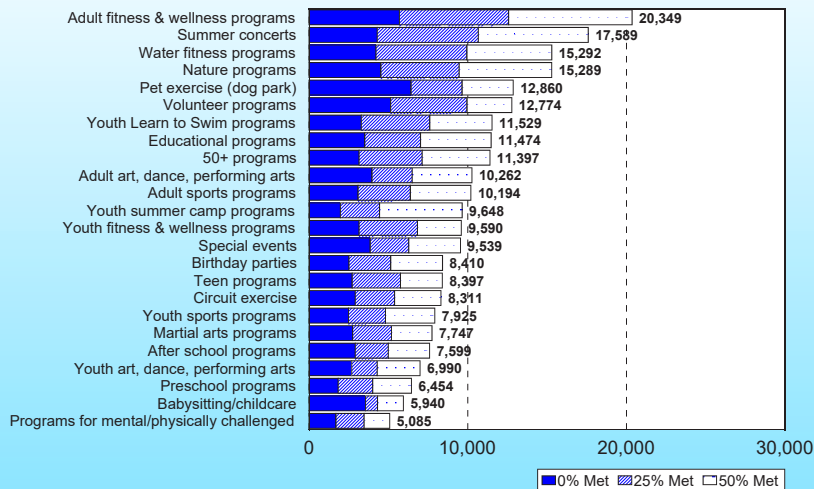
by percentage of households that have a need for facilities



Source: ETC Institute (2016)

Q12-3. Estimated Number of Households in the City of Grand Prairie Whose Needs for Parks and Recreation Programs Are Only Being Met 50% or Less

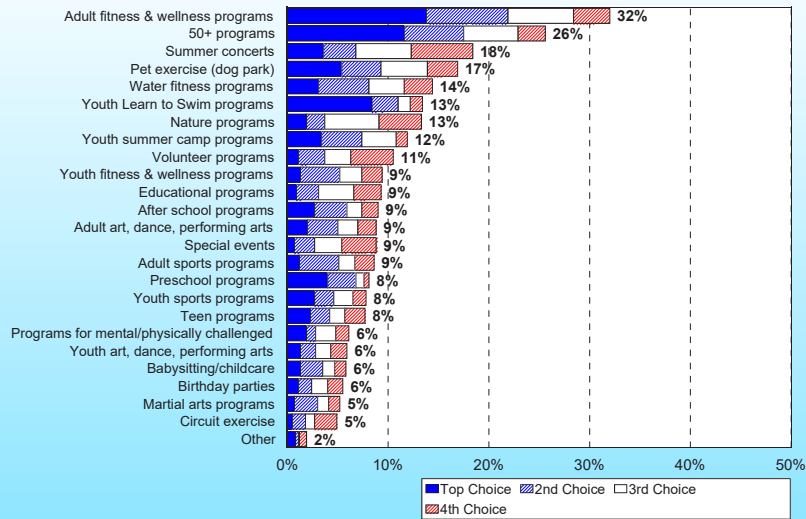
by number of households based on 62,862 households in the City of Grand Prairie



Source: ETC Institute (2016)

Q13. Parks and Recreation Programs Most Important to Household

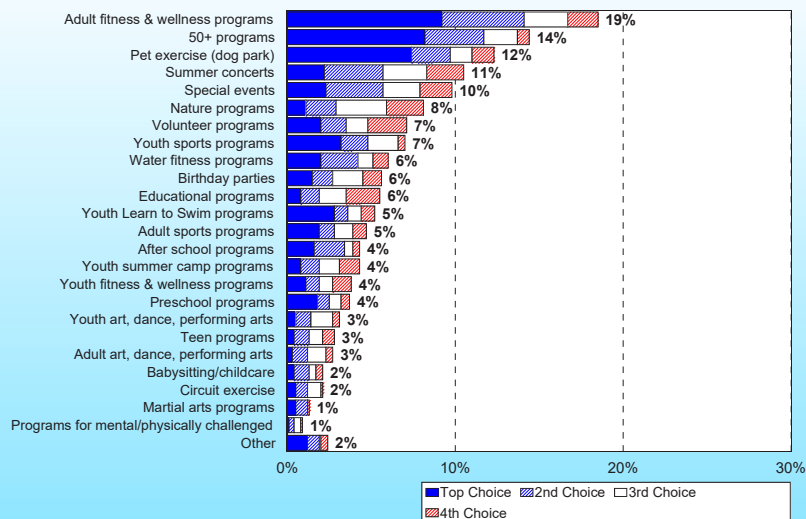
by percentage of respondents who selected the item as one of their top four choices



Source: ETC Institute (2016)

Q14. Programs Household Currently Participates in Most Often

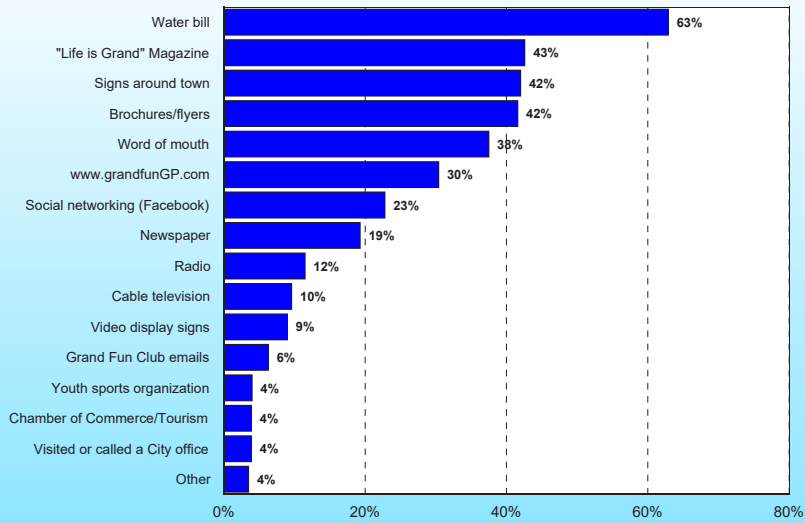
by percentage of respondents who selected the item as one of their top four choices



Source: ETC Institute (2016)

Q15. Ways in Which Households Learn About Recreation or Activities

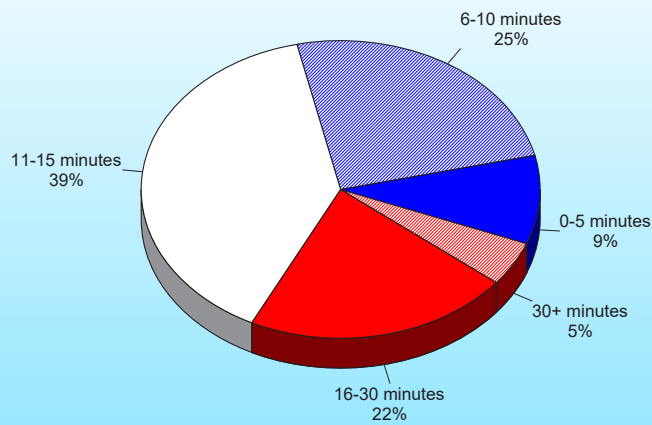
by percentage of respondents



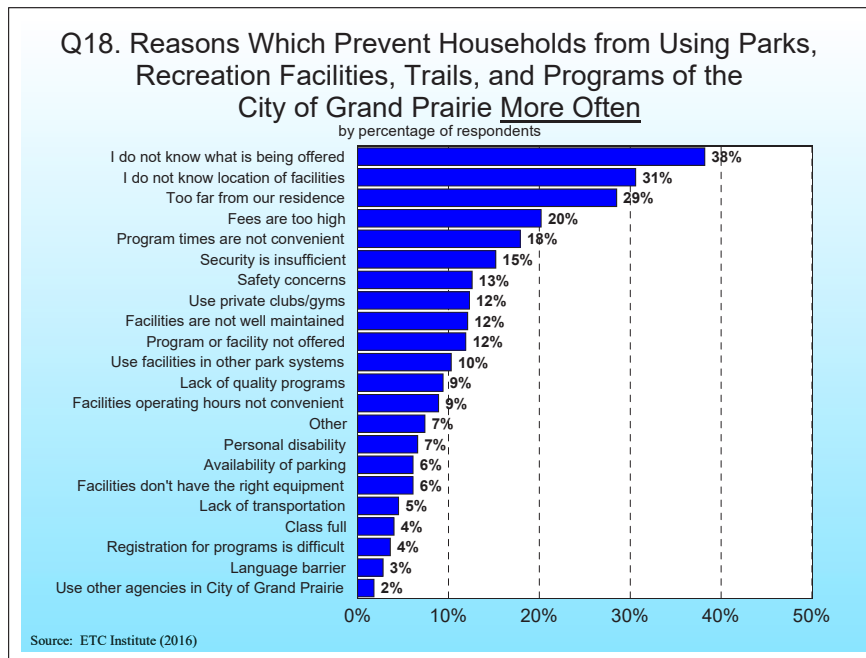
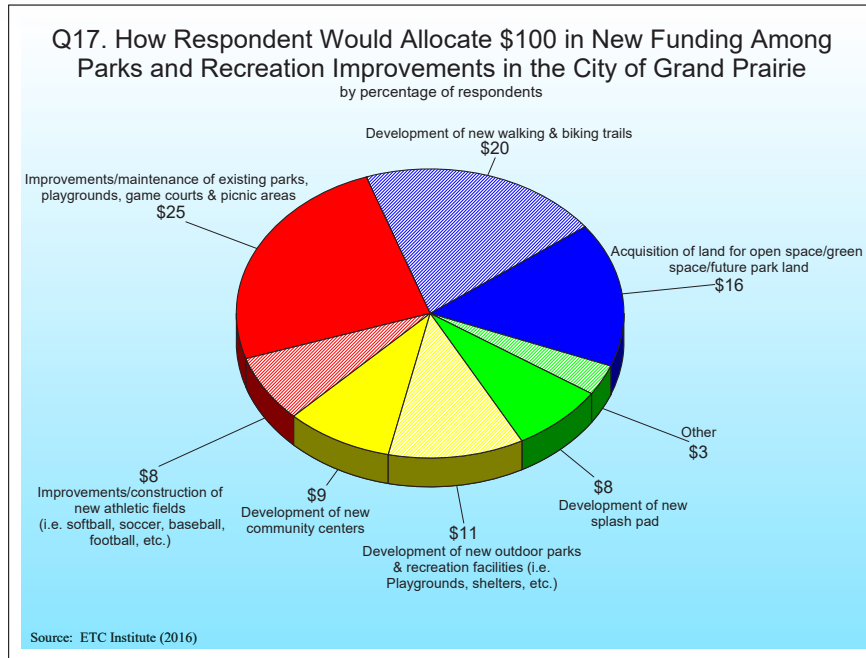
Source: ETC Institute (2016)

Q16. How Long Respondent is Willing to Drive to Attend Programs or Use Park and Recreation Facilities

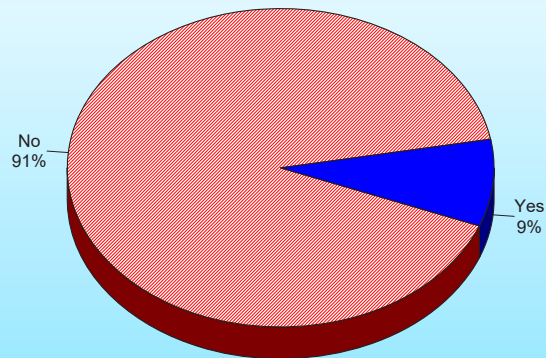
by percentage of respondents ("Excluding Not Provided")



Source: ETC Institute (2016)

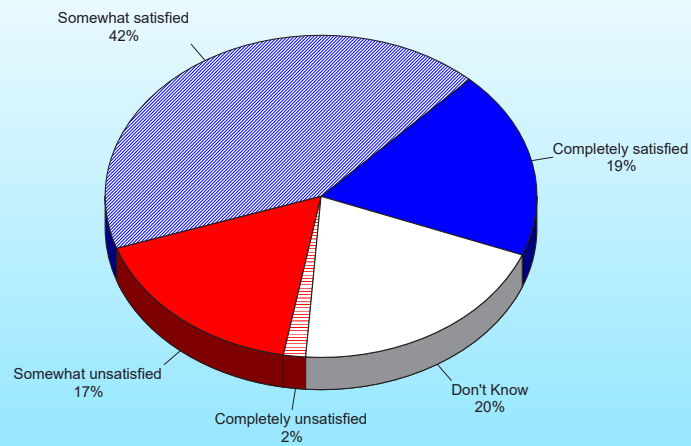


Q19. Whether or Not Respondent is Aware of the Function, Work, and Performance of the City of Grand Prairie's Commission on Aging
by percentage of respondents

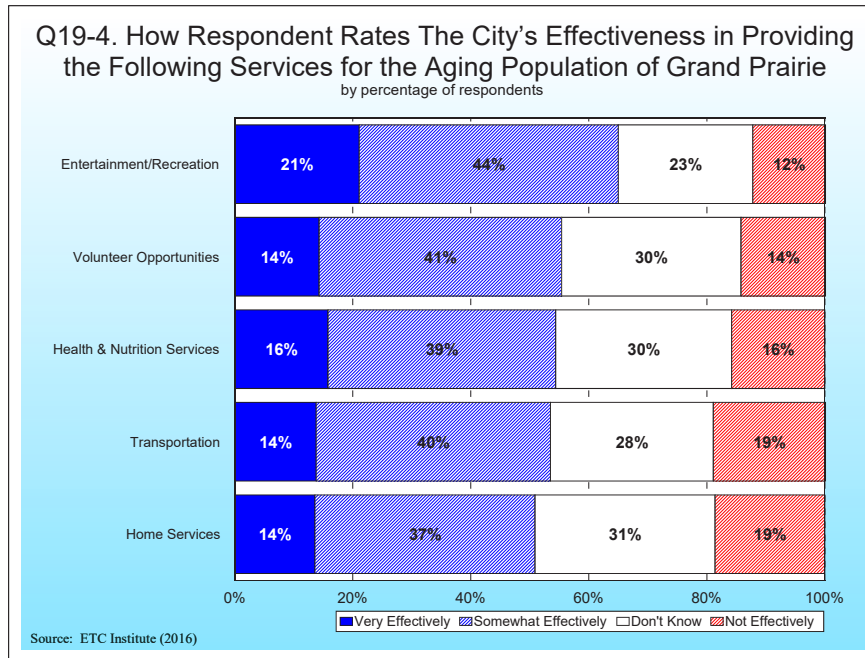
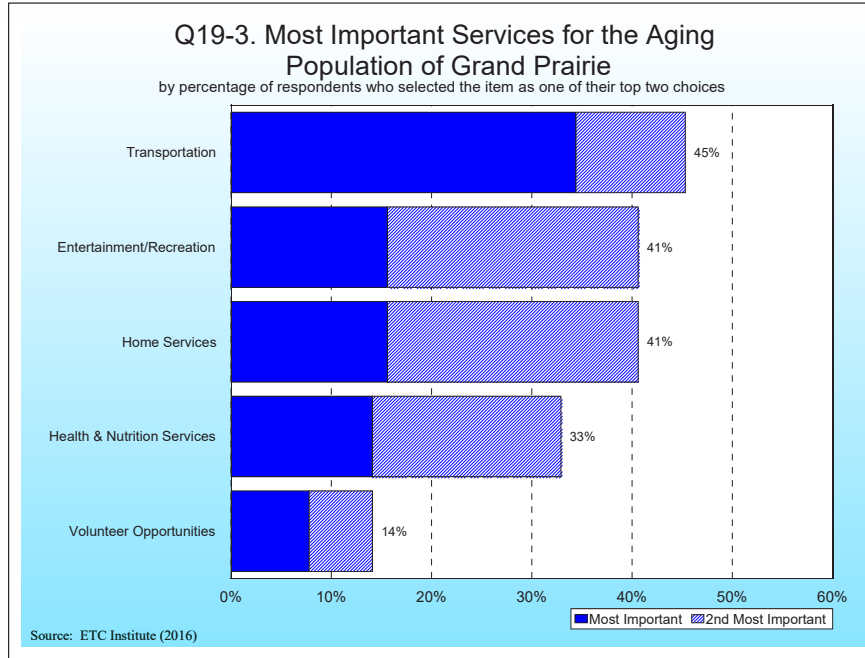


Source: ETC Institute (2016)

Q19-2. Satisfaction With Performance of the Commission on Aging
by percentage of respondents



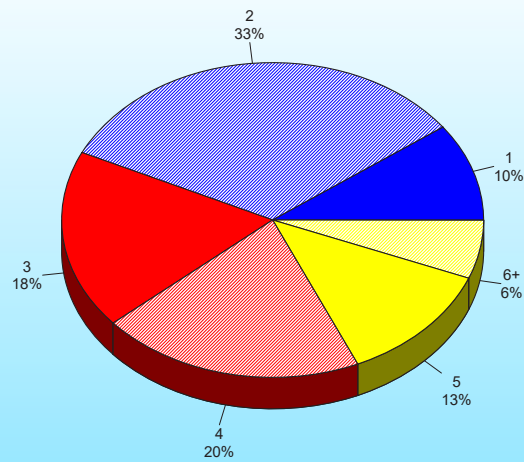
Source: ETC Institute (2016)



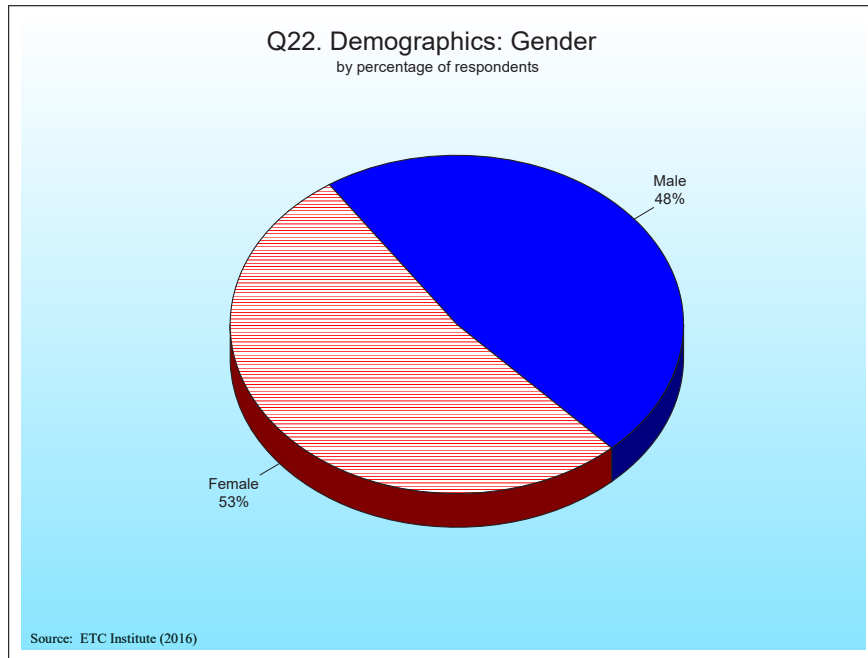
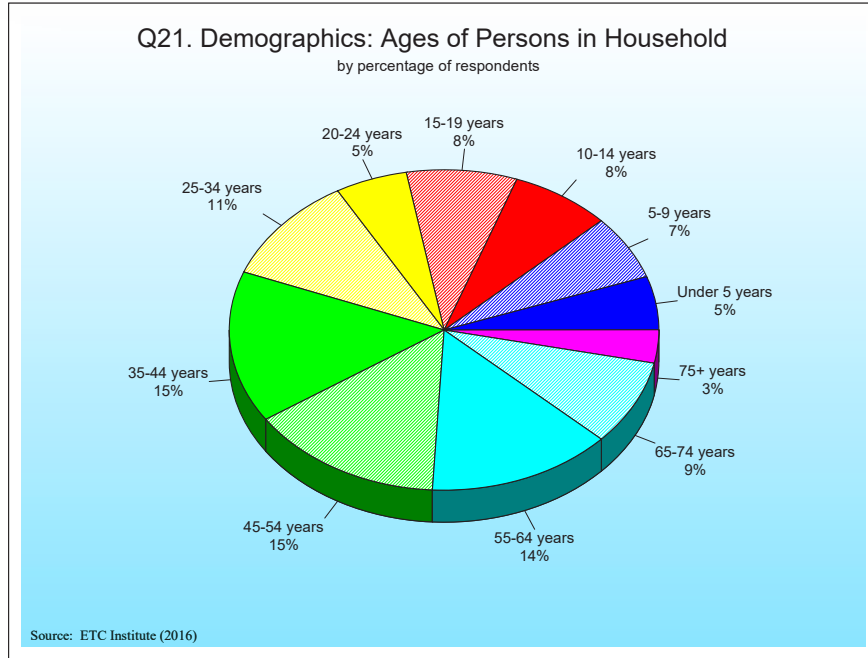
Demographics

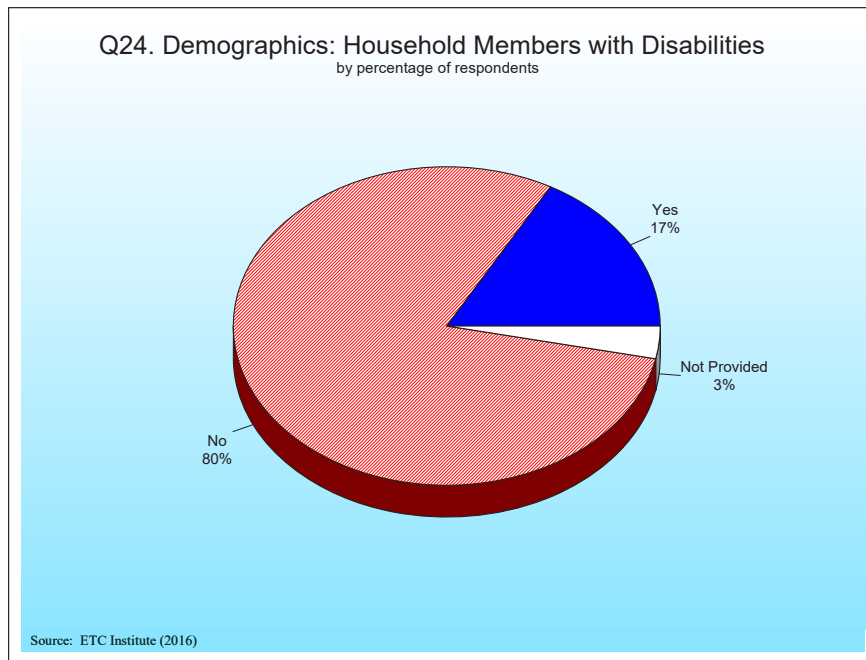
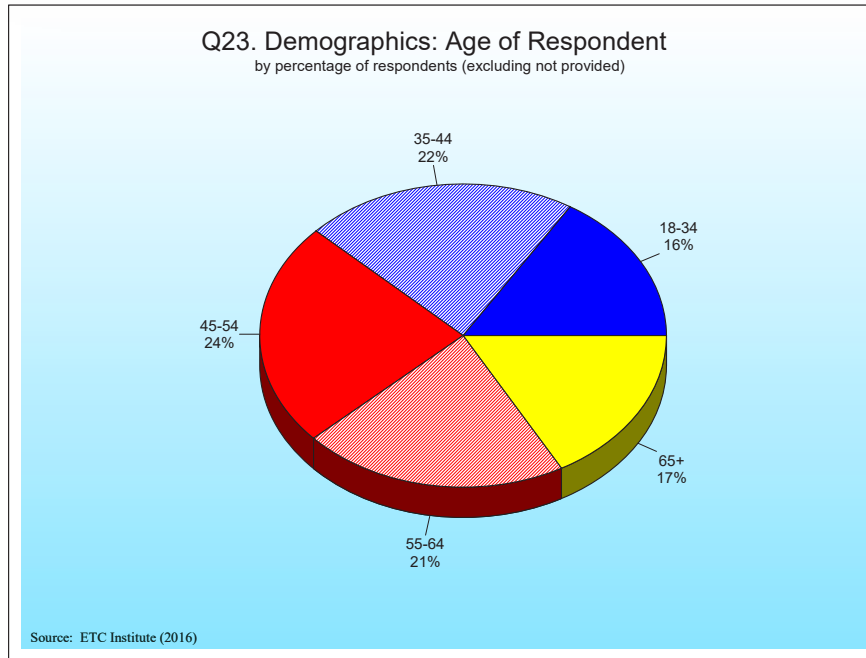
Source: ETC Institute (2016)

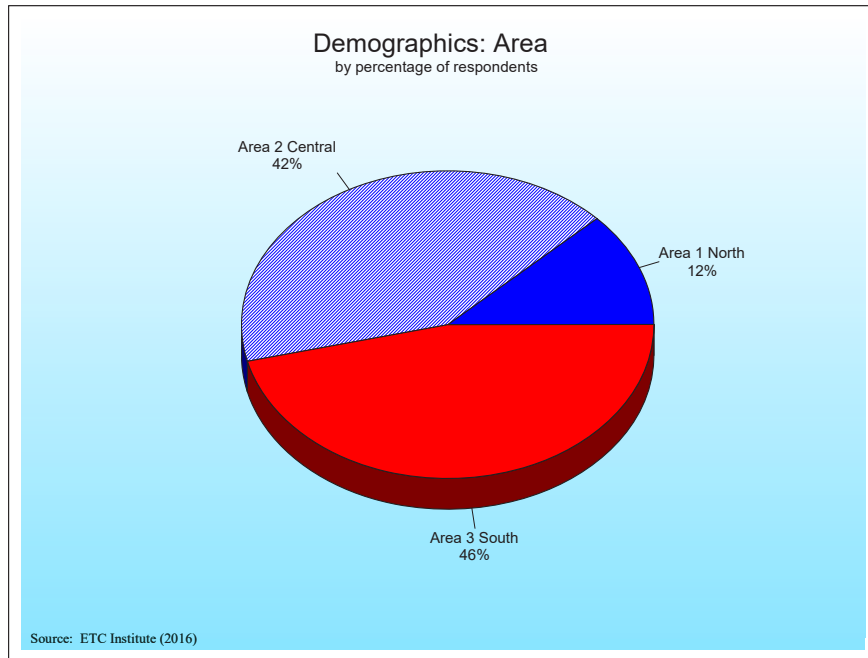
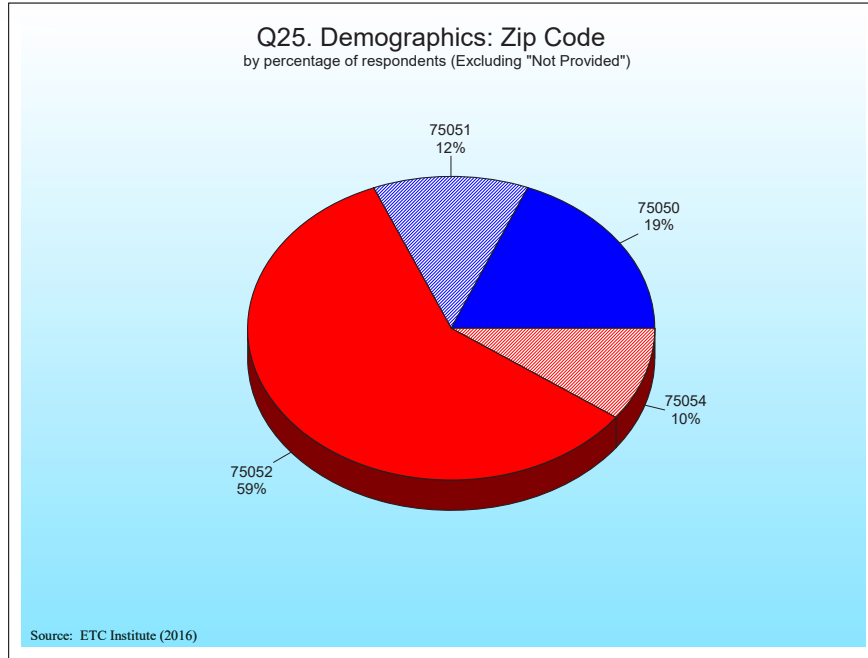
Q20. Demographics: How Many People Live in the Household
by percentage of respondents



Source: ETC Institute (2016)







Section 2

PIR Analysis



Priority Investment Rating

City of Grand Prairie, Texas

The **Priority Investment Rating (PIR)** was developed by ETC Institute to provide governments with an objective tool for evaluating the priority that should be placed on parks and recreation investments. The Priority Investment Rating was developed by ETC Institute to identify the facilities and programs residents think should receive the highest priority for investment. The priority investment rating reflects the importance residents place on items (sum of top 4 choices) and the unmet needs (needs that are only being partly met or not met) for each facility/program relative to the facility/program that rated the highest overall. Since decisions related to future investments should consider both the level of unmet need and the importance of facilities and programs, the PIR weights each of these components equally.

The PIR reflects the sum of the Unmet Needs Rating and the Importance Rating as shown in the equation below:

$$\text{PIR} = \text{UNR} + \text{IR}$$

For example, suppose the Unmet Needs Rating for playgrounds is 26.5 (out of 100) and the Importance Rating for playgrounds is 52 (out of 100), the Priority Investment Rating for playgrounds would be 78.5 (out of 200).

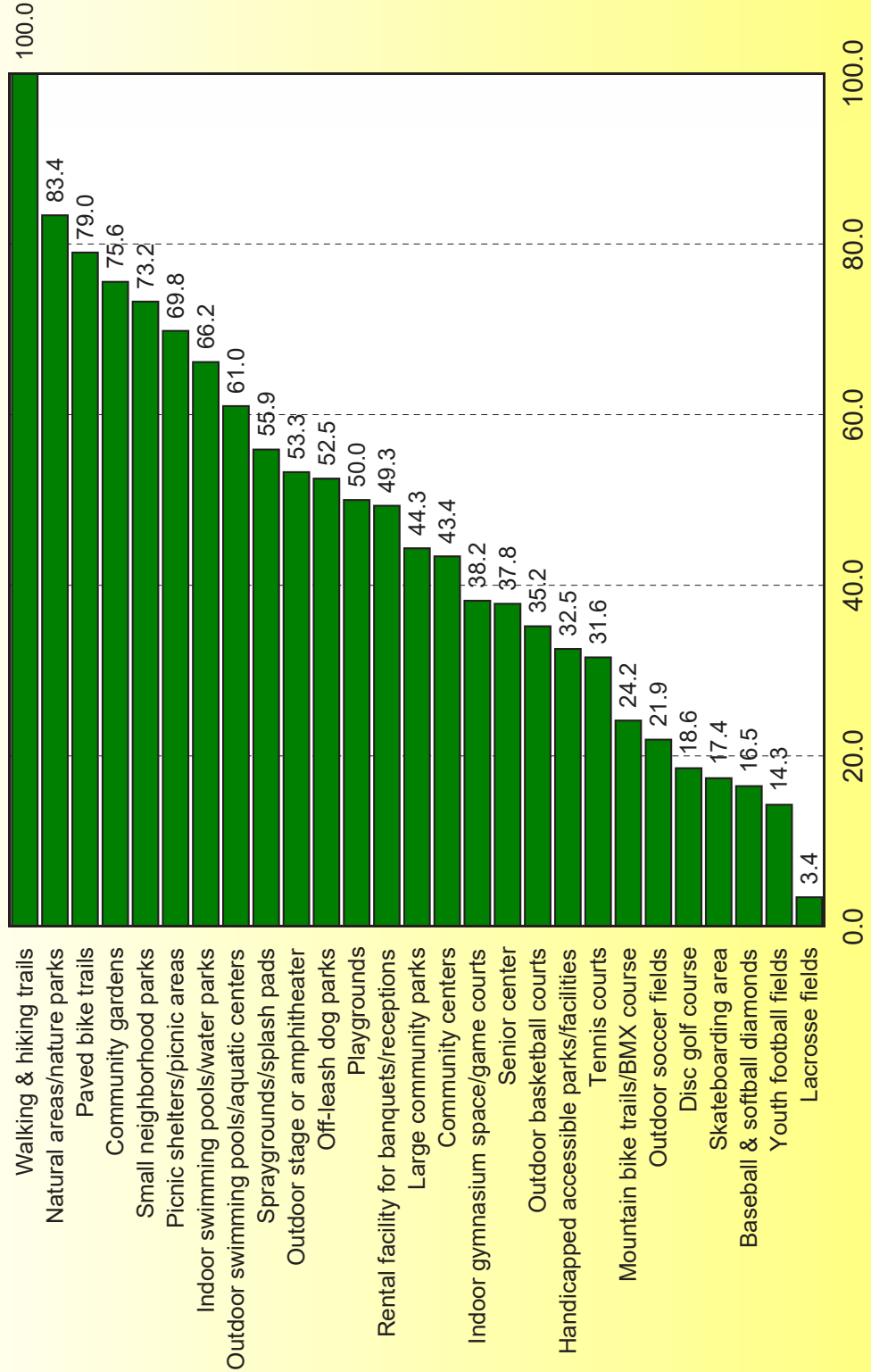
How to Analyze the Charts:

- **High Priority Areas** are those with a PIR of at least 100. A rating of 100 or above generally indicates there is a relatively high level of unmet need and residents generally think it is important to fund improvements in these areas. Improvements in this area are likely to have a positive impact on the greatest number of households.
- **Medium Priority Areas** are those with a PIR of 60-99. A rating in this range generally indicates there is a medium to high level of unmet need or a significant percentage of residents generally think it is important to fund improvements in these areas.
- **Low Priority Areas** are those with a PIR below 60. A rating in this range generally indicates there is a relatively low level of unmet need and residents do not think it is important to fund improvements in these areas. Improvements may be warranted if the needs of very specialized populations are being targeted.

The following pages show the Unmet Needs Rating, Importance Rating, and Priority Investment Rating for facilities and programs.

Unmet Needs Rating for Facilities

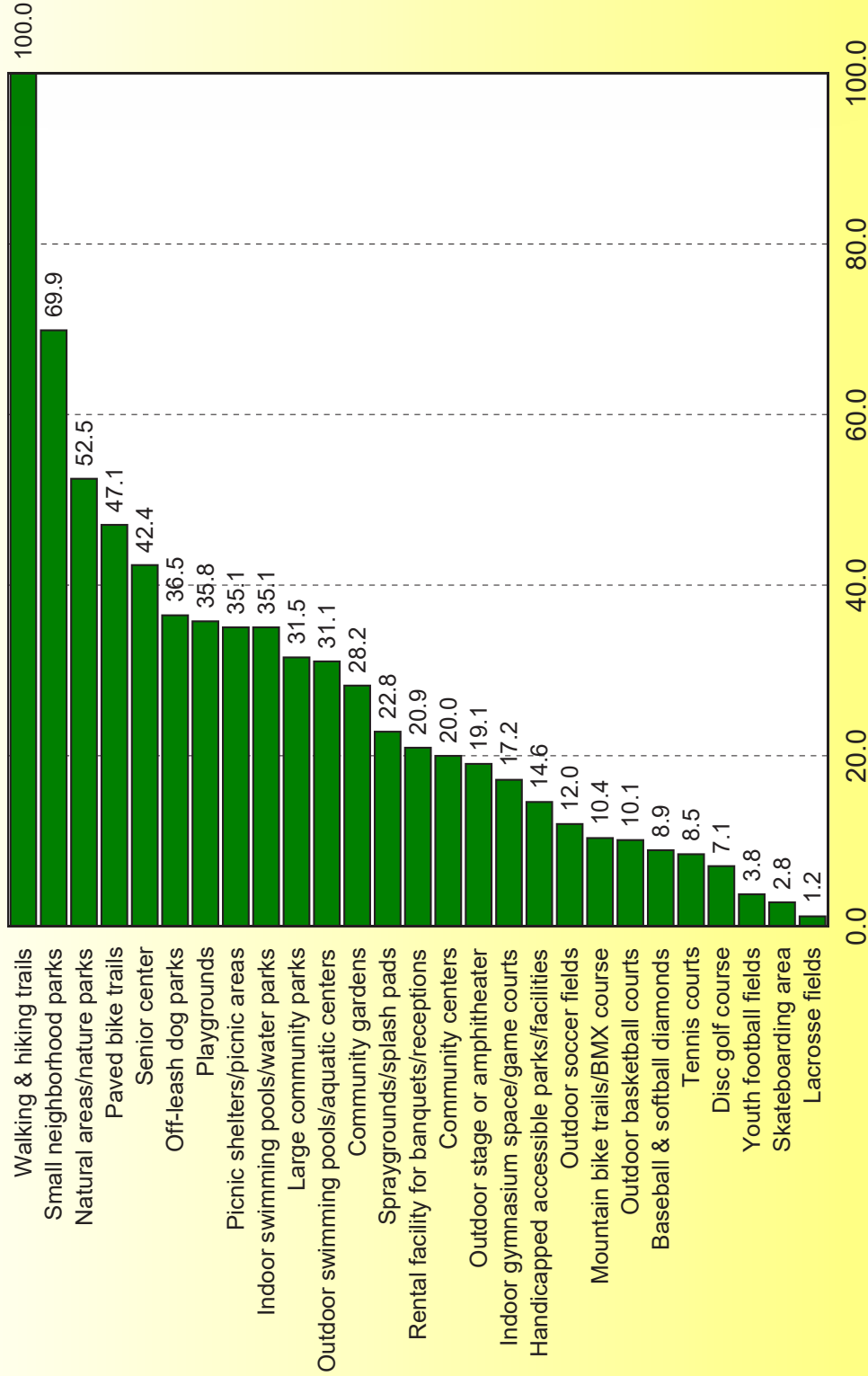
the rating for the item with the most unmet need=100
 the rating of all other items reflects the relative amount of unmet need for each item compared to the item with the most unmet need



Source: ETC Institute (2016)

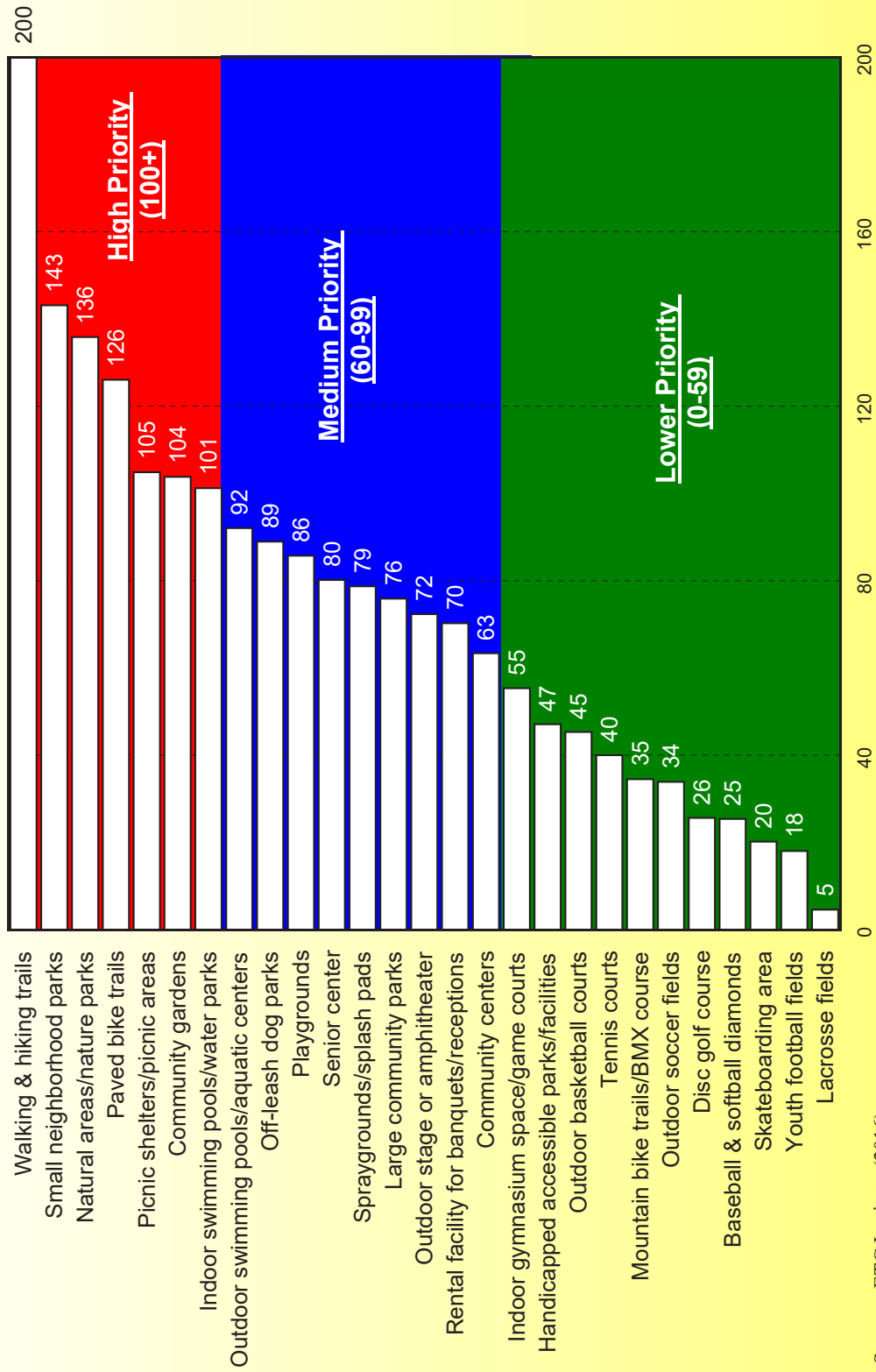
Importance Rating for Facilities

the rating for the item rated as the most important=100
 the rating of all other items reflects the relative level of importance for each item compared to the item rated as the most important



Source: ETC Institute (2016)

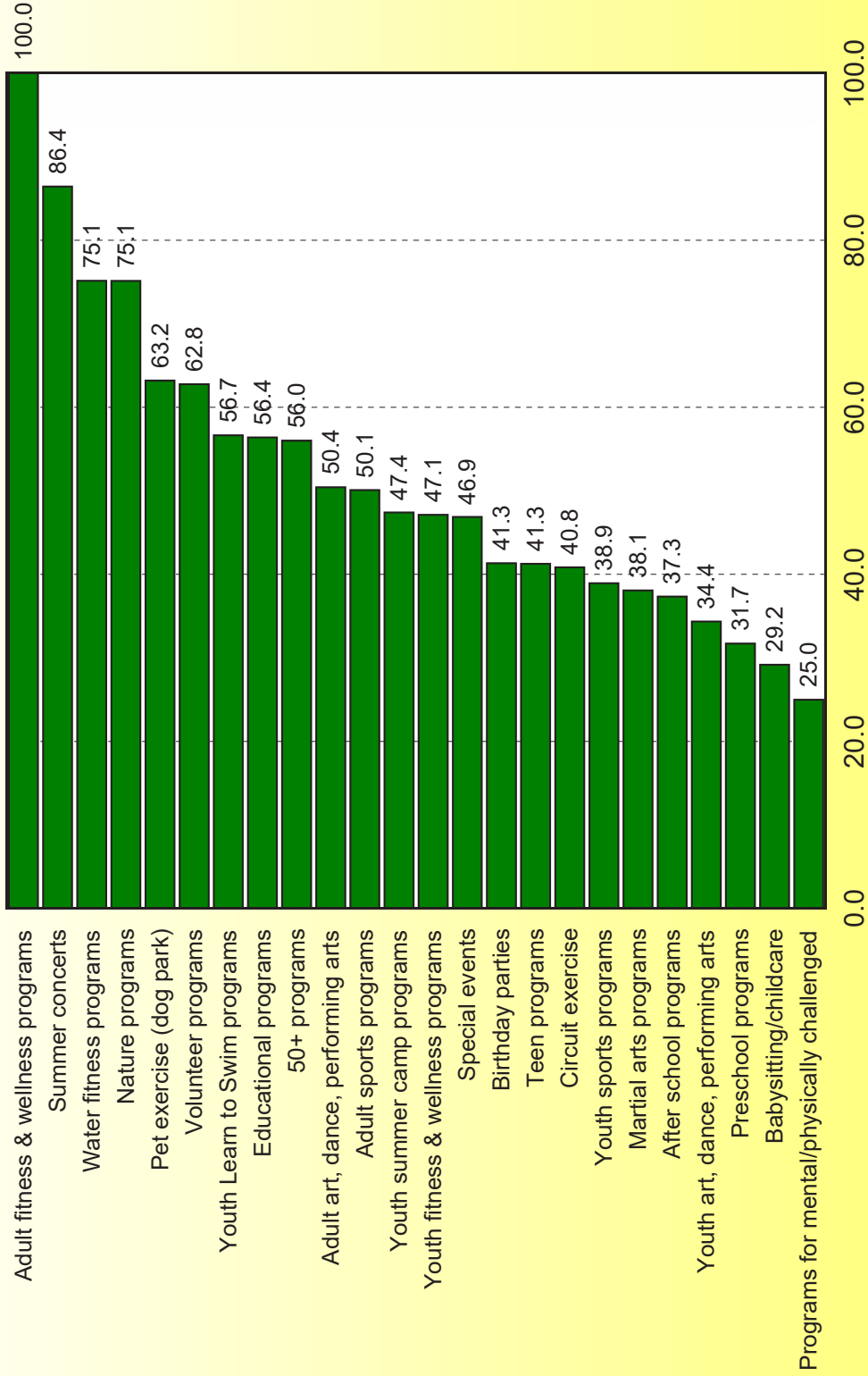
Top Priorities for Investment for Facilities Based on the Priority Investment Rating



Source: ETC Institute (2016)

Unmet Needs Rating for Programs

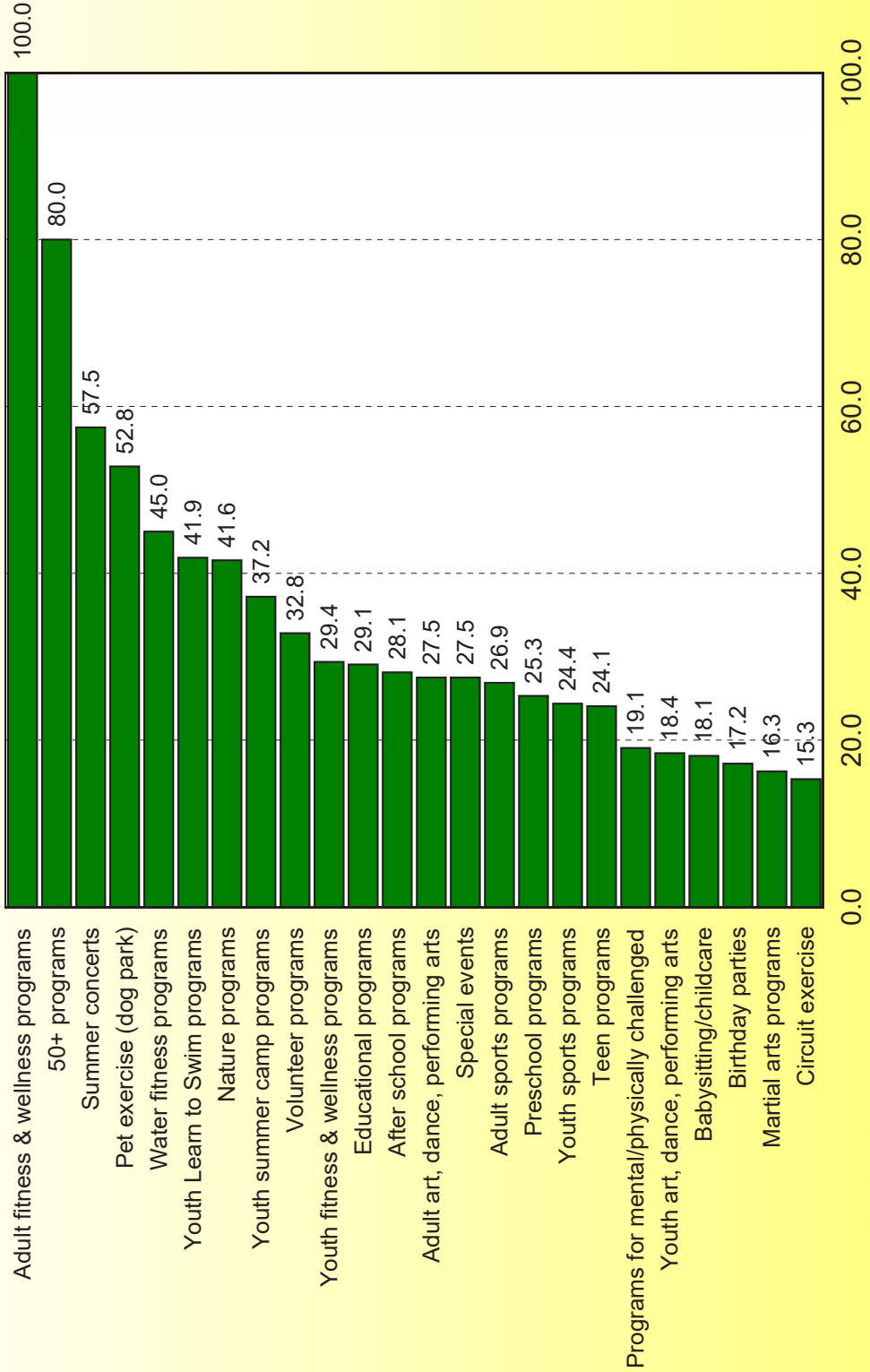
the rating for the item with the most unmet need=100
 the rating of all other items reflects the relative amount of unmet need for each item compared to the item with the most unmet need



Source: ETC Institute (2016)

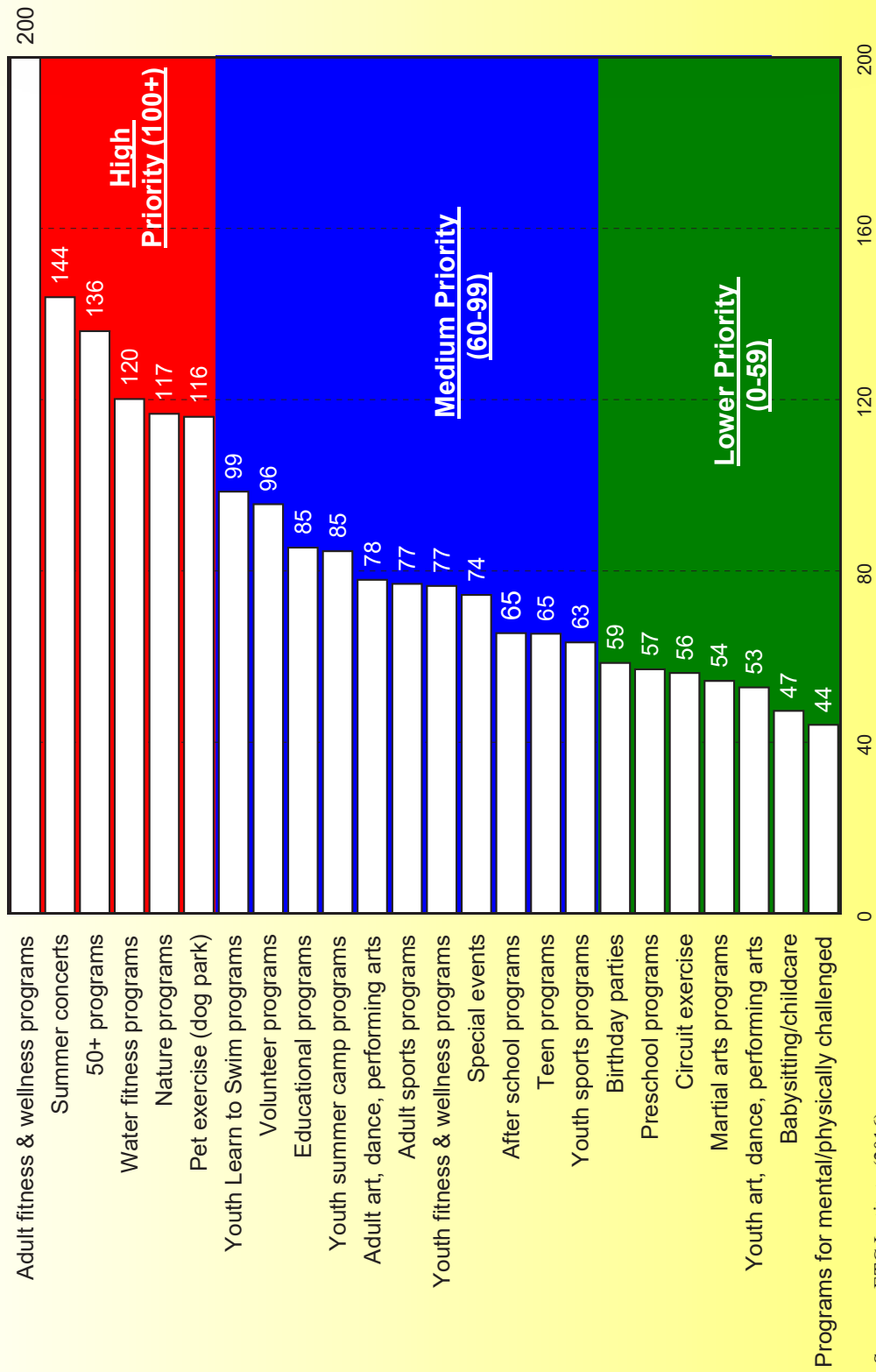
Importance Rating for Programs

the rating for the item rated as the most important=100
 the rating of all other items reflects the relative level of importance for each item compared to the item rated as the most important



Source: ETC Institute (2016)

Top Priorities for Investment for Programs Based on the Priority Investment Rating



Source: ETC Institute (2016)

Section 3

Benchmarking Analysis

Benchmarking for the City of Grand Prairie		National Average	City of Grand Prairie
How would you rate the quality of all the parks you've visited?			
	Excellent	31%	36%
	Good	54%	52%
	Fair	12%	12%
	Poor	1%	1%
Have you or members of your household visited any City/County/Park District parks over the past year?			
	Yes	81%	77%
	No	18%	21%
Have you or members of your household participated in City/County/Park District recreation programs during the past year?			
	Yes	34%	21%
	No	65%	79%
How would you rate the quality of all the recreation programs you've participated in?			
	Excellent	36%	37%
	Good	53%	50%
	Fair	9%	11%
	Poor	1%	2%
Ways respondents learn about recreation programs and activities			
	Newsletters/Flyers/Brochures	27%	42%
	Newspaper	37%	19%
	Radio	13%	12%
	TV/Cable Access	13%	10%
	Visited or called a parks/recreation office	10%	4%
	Website	31%	30%
	Word of Mouth/Friends/Coworkers	43%	38%
	Social media - Facebook/Twitter	11%	23%

Benchmarking for the City of Grand Prairie		
	National Average	City of Grand Prairie
Recreation programs that respondent households have a need for		
Adult arts, dance, performing arts	21%	23%
Adult fitness and wellness programs	46%	51%
Adult sports programs	22%	23%
After school programs	16%	18%
Birthday parties	17%	18%
Martial arts programs	14%	17%
Nature programs/environmental education	31%	32%
Preschool programs	14%	15%
Programs for people with disabilities	12%	13%
Seniors/Adult programs for 50 years and older	25%	37%
Special events	40%	24%
Teen programs	17%	18%
Water fitness programs	29%	34%
Youth art, dance, performing arts	18%	17%
Youth fitness and wellness programs	19%	21%
Youth Learn to Swim programs	25%	26%
Youth sports programs	26%	21%
Youth summer camp programs	19%	24%

Benchmarking for the City of Grand Prairie		
	National Average	City of Grand Prairie
Most important recreation programs (sum of top choices)		
Adult arts, dance, performing arts	8%	9%
Adult fitness and wellness programs	30%	32%
Adult sports programs	9%	9%
After school programs	7%	9%
Birthday parties	4%	6%
Martial arts programs	4%	5%
Nature programs/environmental education	13%	13%
Preschool programs	8%	13%
Programs for people with special needs/disabled	5%	6%
Seniors/Adult programs for 50 years and older	15%	26%
Special events	21%	9%
Teen programs	7%	8%
Water fitness programs	14%	11%
Youth art, dance, performing arts	6%	6%
Youth fitness and wellness programs	7%	9%
Youth Learn to Swim programs	14%	13%
Youth sports programs	14%	8%
Youth summer camp programs	9%	12%

Benchmarking for the City of Grand Prairie		
	National Average	City of Grand Prairie
Parks and recreation facilities that respondent households have a need for		
BMX Bicycle Course	14%	14%
Community Gardens	31%	38%
Community/Recreation Centers	41%	27%
Football Fields	14%	9%
Indoor Gyms/Multi-Purpose Rec Center	27%	23%
Indoor Swimming Pools/Aquatic Center	41%	39%
Large Multi Use Community Parks	56%	36%
Natural areas/wildlife habitats (Greenspace and natural areas)	50%	53%
Off-leash dog parks	28%	29%
Outdoor Amphitheater	33%	26%
Outdoor basketball/multi-use courts	23%	18%
Outdoor Swimming Pools/Aquatic Center	43%	32%
Picnic Areas and Shelters	52%	45%
Playground Equipment for Children	43%	37%
Senior Centers (Senior activity space)	22%	34%
Skateboarding Park/Area	12%	9%
Small neighborhood parks	59%	51%
Soccer (Outdoor field space)	21%	15%
Splash park/pad	28%	27%
Tennis Courts	26%	18%
Disc Golf	15%	10%
Walking & Hiking Trails	70%	64%

Benchmarking for the City of Grand Prairie		
	National Average	City of Grand Prairie
Most important parks and recreation facilities (sum of top choices)		
BMX Bicycle Course	3%	4%
Community Gardens	9%	12%
Community/Recreation Centers	13%	9%
Football fields	3%	2%
Indoor Gyms/Multi-Purpose Rec Centers	7%	7%
Indoor Swimming Pools/Aquatic Facilities	16%	15%
Natural areas/wildlife habitats (Greenspace and natural areas)	17%	22%
Off-Leash Dog Park	14%	16%
Outdoor Amphitheater	8%	8%
Outdoor Basketball Courts	4%	4%
Outdoor Swimming Pools/Aquatic Facilities	19%	13%
Picnic Areas and Shelters	15%	15%
Playground Equipment for Children	18%	15%
Senior Centers (Senior activity space)	9%	18%
Skateboarding Area	2%	1%
Small Neighborhood Parks	26%	30%
Soccer (Outdoor field space)	8%	5%
Splash park/pad	9%	10%
Tennis Courts	7%	4%
Disc Golf	3%	3%
Walking and Hiking Trails	44%	43%

Benchmarking for the City of Grand Prairie		
	National Average	City of Grand Prairie
Reasons preventing the use of parks and recreation facilities and programs more often		
Facilities do not have right equipment	8%	6%
Facilities are not well maintained	7%	12%
Facility operating hours are not convenient	7%	9%
Fees are too expensive	15%	20%
I do not know locations of parks	15%	31%
I do not know what is being offered	24%	38%
Lack of parking	6%	6%
Lack of quality programs	8%	9%
Lack of transportation	3%	5%
Program times are not convenient	16%	18%
Registration for programs is difficult	3%	4%
Security is insufficient	9%	15%
Too far from residence	12%	29%
Use facilities in other Cities/Park Districts	10%	10%
Use facilities/programs of other organizations	16%	12%
Use services of other agencies	10%	2%

Section 4

Survey Instrument



Parks and Recreation Needs Assessment Survey

The City of Grand Prairie would like your input to help determine priorities for parks, recreation, trails, and open space for the City of Grand Prairie. The survey results will be used in the Master Plan for Parks and Recreation, along with the results from several public workshops, to determine our residents' needs and priorities.

This survey will take approximately 10 minutes to complete. When you are finished, please return your survey in the enclosed postage-paid, return-reply envelope. You may also complete the survey online by going to www.CityofGrandPrairieParksSurvey.org. We greatly appreciate your time!

1. Have you or any members of your household visited any of the parks and/or recreation facilities in the City of Grand Prairie during the past 12 months?

___(1) Yes (Please answer Questions 2 - 5.) ___(2) No (Skip to Question 6.)

2. From the following list, please check ALL of the parks and recreation facilities that you or members of your household have visited in the past 12 months. (Check all that apply.)

City Parks

- | | | |
|-----------------------------------|-----------------------------------|-----------------------------------|
| ___(01) Alliance Skate Park | ___(20) Johnson Street | ___(39) Splash Factory |
| ___(02) Bear Creek South | ___(21) Kirby Creek NSC | ___(40) Sycamore |
| ___(03) Bowles | ___(22) Kirby Creek Natatorium | ___(41) Tangle Ridge Golf Course |
| ___(04) Bradshaw | ___(23) Lamar | ___(42) The Summit |
| ___(05) Central Bark Dog Park | ___(24) Live Oak | ___(43) Tony Shotwell Life Center |
| ___(06) Charley Taylor | ___(25) L.B.J. | ___(44) Turner |
| ___(07) Charley Taylor Rec Center | ___(26) Lone Star Trail | ___(45) Tyre |
| ___(08) C.P. Waggoner | ___(27) McFalls | ___(46) Uptown Theater |
| ___(09) Dalworth Rec. Center | ___(28) McFalls East | ___(47) Veterans Memorial |
| ___(10) Farmers Market | ___(29) Mike Lewis | ___(48) Veterans' Event Center |
| ___(11) Fish Creek Forest Pres. | ___(30) Mockingbird | ___(49) Wide World of Parks |
| ___(12) Fish Creek Linear | ___(31) Mountain Creek Lake | ___(50) Winsum |
| ___(13) Freedom | ___(32) Mountain Creek Soccer | ___(51) Woodcrest |
| ___(14) Friendship | ___(33) Nance James | |
| ___(15) Grand Central Park | ___(34) Parkhill | <u>Lake Parks</u> |
| ___(16) The Good Link | ___(35) Prairie | ___(52) Britton Park |
| ___(17) Grand Prairie HS Tennis | ___(36) Prairie Lakes Golf Course | ___(53) Loyd Park |
| ___(18) Hendrix | ___(37) Ruthe Jackson Center | ___(54) Lynn Creek Park |
| ___(19) Hill Street | ___(38) Sesquicentennial | |

3. Which three of the facilities from the list in Question 2 did you or members of your household visit the most in the last 12 months? [Please write in the numbers below for your 1st, 2nd, and 3rd most visited facilities using the numbers in Question 2, or circle NONE.]

1st: ___ 2nd: ___ 3rd: ___ NONE

4. Approximately how often did you or members of your household visit those facilities in the City of Grand Prairie during the past year?

- | | | |
|-----------------------|--------------------------|-------------------|
| ___(1) 1 to 5 visits | ___(3) 11 to 19 visits | ___(9) Don't know |
| ___(2) 6 to 10 visits | ___(4) 20 or more visits | |

5. Overall, how would you rate the physical condition of the facilities you have visited?

___(1) Excellent ___(2) Good ___(3) Fair ___(4) Poor

5-2. Why would you give that rating?

6. Have you or members of your household participated in any recreational programs offered by the City of Grand Prairie over the past 12 months?

___(1) Yes (Please answer Question 6-2.) ___(2) No (Please skip to Question 7.)

6-2. How would you rate the quality of the programs in which you and members of your household participated?

___(1) Excellent ___(2) Good ___(3) Fair ___(4) Poor

7. The following are actions that the City of Grand Prairie could take to improve the parks and recreation services in the City. Please indicate whether you would be "Very Supportive," "Somewhat Supportive," or "Not Supportive" of each action.

Rate your level of support for having the City:		Very Supportive	Somewhat Supportive	Not Sure	Not Supportive
01.	Purchase land to preserve open space, natural, and historic areas	4	3	2	1
02.	Develop additional indoor gymnasium space	4	3	2	1
03.	Develop additional recreation centers	4	3	2	1
04.	Upgrade older parks and recreation facilities	4	3	2	1
05.	Upgrade existing youth/adult athletic fields, including new lighting	4	3	2	1
06.	Develop new sports fields	4	3	2	1
07.	Develop new recreational trails and connect existing trails	4	3	2	1
08.	Develop splash pads/spraygrounds	4	3	2	1
09.	Provide new programs for youth	4	3	2	1
10.	Provide new programs for adults	4	3	2	1
11.	Provide new programs for teens	4	3	2	1
12.	Provide new programs for seniors	4	3	2	1
13.	Add special events	4	3	2	1
14.	Other: _____	4	3	2	1

8. Which THREE of the functions listed in Question 7 do you think should be MOST IMPORTANT for City of Grand Prairie to provide? [Please write in the numbers below for your 1st, 2nd, and 3rd choices using the numbers from the list in Question 7, or circle NONE.]

1st: ___ 2nd: ___ 3rd: ___ NONE

9. Listed below are potential improvements that could be made to the existing parks in the City of Grand Prairie. Please check ALL the improvements you would most like to have made to the existing parks in the City of Grand Prairie. (Check all that apply.)

- | | | |
|-------------------------------|-----------------------------------|--------------------------------|
| ___(01) Improved parking | ___(06) Walking/jogging trails | ___(11) Park security lighting |
| ___(02) Increased programs | ___(07) Playgrounds | ___(12) Landscaping |
| ___(03) Drinking fountains | ___(08) Picnic areas | ___(13) Wi-Fi at parks |
| ___(04) Improve/add restrooms | ___(09) Outdoor basketball courts | ___(14) Other: _____ |
| ___(05) Bike trails | ___(10) Sports fields lighting | |

10. **FACILITY NEEDS.** Please indicate if you or any member of your household has a need for each of the parks and recreational facilities listed below by circling the YES or NO next to the park/facility. If YES, please rate ALL of the following parks and recreation facilities of this type in Grand Prairie on a scale of 5 to 1, where 5 means your household's needs have been "100% Met" and 1 means they have been "0% Met".

Type of Facility	Does your Household have a Need for this Facility?		If YES You Have a Need, How Well Are Your Needs Being Met?				
	Yes	No	100% Met	75% Met	50% Met	25% Met	0% Met
01. Small neighborhood parks	Yes	No	5	4	3	2	1
02. Large community parks	Yes	No	5	4	3	2	1
03. Baseball and softball diamonds	Yes	No	5	4	3	2	1
04. Lacrosse fields	Yes	No	5	4	3	2	1
05. Youth football fields	Yes	No	5	4	3	2	1
06. Outdoor soccer fields	Yes	No	5	4	3	2	1
07. Off-leash dog parks	Yes	No	5	4	3	2	1
08. Walking and hiking trails	Yes	No	5	4	3	2	1
09. Paved bike trails	Yes	No	5	4	3	2	1
10. Mountain bike trails/BMX course	Yes	No	5	4	3	2	1
11. Natural areas/nature parks	Yes	No	5	4	3	2	1
12. Playgrounds	Yes	No	5	4	3	2	1
13. Picnic shelters/picnic areas	Yes	No	5	4	3	2	1
14. Skateboarding area	Yes	No	5	4	3	2	1
15. Disc golf course	Yes	No	5	4	3	2	1
16. Outdoor swimming pools/aquatic centers	Yes	No	5	4	3	2	1
17. Spraygrounds/splash pads	Yes	No	5	4	3	2	1
18. Indoor gymnasium space/game courts	Yes	No	5	4	3	2	1
19. Indoor swimming pools/water parks	Yes	No	5	4	3	2	1
20. Community centers	Yes	No	5	4	3	2	1
21. Senior center	Yes	No	5	4	3	2	1
22. Outdoor stage or amphitheater	Yes	No	5	4	3	2	1
23. Tennis courts	Yes	No	5	4	3	2	1
24. Outdoor basketball courts	Yes	No	5	4	3	2	1
25. Rental facility for banquets/receptions	Yes	No	5	4	3	2	1
26. Handicapped accessible parks/facilities	Yes	No	5	4	3	2	1
27. Community gardens	Yes	No	5	4	3	2	1

11. Which FOUR of the facilities from the list in Question 10 are MOST IMPORTANT to your household? [Using the numbers in the left hand column of Question 10, please write in the numbers below for your 1st, 2nd, 3rd, and 4th choices, or circle 'NONE'.]

1st: _____ 2nd: _____ 3rd: _____ 4th: _____ NONE

- 12. PROGRAM NEEDS.** Please indicate if you or any member of your household has a need for each of the recreation programs listed below by circling the YES or NO next to the recreation program. If YES, please rate the following recreation programs on a scale of 5 to 1, where 5 means your household's needs have been "100% Met" and 1 means they have been "0% Met".

Type of Program	Does your Household have a Need for this Program?		If YES You Have a Need, How Well Are Your Needs Being Met?				
	Yes	No	100% Met	75% Met	50% Met	25% Met	0% Met
01. Youth Learn to Swim programs	Yes	No	5	4	3	2	1
02. Preschool programs	Yes	No	5	4	3	2	1
03. Babysitting/childcare	Yes	No	5	4	3	2	1
04. After school programs	Yes	No	5	4	3	2	1
05. Youth summer camp programs	Yes	No	5	4	3	2	1
06. Youth sports programs	Yes	No	5	4	3	2	1
07. Youth fitness and wellness programs	Yes	No	5	4	3	2	1
08. Martial arts programs	Yes	No	5	4	3	2	1
09. Adult fitness and wellness programs	Yes	No	5	4	3	2	1
10. Water fitness programs	Yes	No	5	4	3	2	1
11. Youth art, dance, performing arts	Yes	No	5	4	3	2	1
12. Adult art, dance, performing arts	Yes	No	5	4	3	2	1
13. Adult sports programs	Yes	No	5	4	3	2	1
14. 50+ programs	Yes	No	5	4	3	2	1
15. Programs for mental/physically challenged	Yes	No	5	4	3	2	1
16. Birthday parties	Yes	No	5	4	3	2	1
17. Pet exercise (dog park)	Yes	No	5	4	3	2	1
18. Teen programs	Yes	No	5	4	3	2	1
19. Special events	Yes	No	5	4	3	2	1
20. Nature programs	Yes	No	5	4	3	2	1
21. Summer concerts	Yes	No	5	4	3	2	1
22. Circuit exercise	Yes	No	5	4	3	2	1
23. Educational programs	Yes	No	5	4	3	2	1
24. Volunteer programs	Yes	No	5	4	3	2	1
25. Other: _____	Yes	No	5	4	3	2	1

- 13. Which FOUR of the programs from the list in Question 12 are MOST IMPORTANT to your household?** [Using the numbers in Question 12, please write in the numbers below for your 1st, 2nd, 3rd, and 4th choices, or circle 'NONE'.]

1st: _____ 2nd: _____ 3rd: _____ 4th: _____ NONE

- 14. Which FOUR of the programs from the list in Question 12 do you currently participate in MOST OFTEN?** [Using the numbers in Question 12, please write in the numbers below for your 1st, 2nd, 3rd, and 4th choices, or circle 'NONE'.]

1st: _____ 2nd: _____ 3rd: _____ 4th: _____ NONE

- 15. Please check ALL the ways you learn about recreation or activities.** (Check all that apply.)

- | | | |
|--|---|------------------------------------|
| ____ (01) Newspaper | ____ (07) Youth sports organization | ____ (13) Video display signs |
| ____ (02) Brochures/flyers | ____ (08) Visited or called a City office | ____ (14) 'Life is Grand' Magazine |
| ____ (03) Word of mouth | ____ (09) Grand Fun Club emails | ____ (15) Water bill |
| ____ (04) www.GrandfunGP.com | ____ (10) Radio | ____ (16) Other: _____ |
| ____ (05) Social networking (Facebook) | ____ (11) Cable television | |
| ____ (06) Chamber of Commerce/Tourism | ____ (12) Signs around town | |

16. How long are you willing to drive to attend programs or use park and recreation facilities?

- (1) 0-5 minutes (3) 11-15 minutes (5) Over 30 minutes
 (2) 6-10 minutes (4) 16-30 minutes

17. If you had \$100 in new funding, how would you allocate the \$100 among the following types of parks and recreation improvements in the City of Grand Prairie? [Please be sure your total adds up to \$100 – use increments of \$10.]

- \$ _____ Acquisition of land for open space/green space/future park land
 \$ _____ Development of new walking and biking trails
 \$ _____ Improvements/maintenance of existing parks, playgrounds, game courts and picnic areas
 \$ _____ Improvements/construction of new athletic fields (i.e. softball, soccer, baseball, football, etc.)
 \$ _____ Development of new community centers
 \$ _____ Development of new outdoor parks and recreation facilities (i.e. playgrounds, shelters, etc.)
 \$ _____ Development of a new splash pad
 \$ _____ Other: _____

\$100 TOTAL

18. Please check ALL the reasons that prevent you or other members of your household from using parks, recreation facilities, trails, and programs of the City of Grand Prairie more often.

- | | |
|---|---|
| <input type="checkbox"/> (01) I do not know location of facilities | <input type="checkbox"/> (12) Facilities are not well maintained |
| <input type="checkbox"/> (02) I do not know what is being offered | <input type="checkbox"/> (13) Facilities don't have the right equipment |
| <input type="checkbox"/> (03) Use private clubs/gyms | <input type="checkbox"/> (14) Security is insufficient |
| <input type="checkbox"/> (04) Too far from our residence | <input type="checkbox"/> (15) Program or facility not offered |
| <input type="checkbox"/> (05) Use other agencies in City of Grand Prairie | <input type="checkbox"/> (16) Lack of quality programs |
| <input type="checkbox"/> (06) Use facilities in other park systems | <input type="checkbox"/> (17) Facilities operating hours not convenient |
| <input type="checkbox"/> (07) Lack of transportation | <input type="checkbox"/> (18) Registration for programs is difficult |
| <input type="checkbox"/> (08) Class full | <input type="checkbox"/> (19) Availability of parking |
| <input type="checkbox"/> (09) Fees are too high | <input type="checkbox"/> (20) Safety concerns |
| <input type="checkbox"/> (10) Program times are not convenient | <input type="checkbox"/> (21) Language barrier |
| <input type="checkbox"/> (11) Personal disability | <input type="checkbox"/> (22) Other: _____ |

19. Are you aware of the function, work, and performance of the City of Grand Prairie's Commission on Aging?

- (1) Yes (Please answer Questions 19-2 to 19-4.) (2) No (Skip to Question 20.)

19-2. How satisfied are you with the performance of the Commission on Aging?

- (1) Completely Satisfied (3) Somewhat Unsatisfied (9) Don't know
 (2) Somewhat Satisfied (4) Completely Unsatisfied

19-3. Please rank the importance of the following services for the aging population of Grand Prairie by writing the numbers that correspond to your rankings in the spaces provided below (for example, if you think Home Services is most important, write "4" for your 1st choice).

- | | | |
|---------------------------------|--|------------------------|
| (1) Transportation | <u>Most Important</u> | <u>Least Important</u> |
| (2) Entertainment/Recreation | | |
| (3) Volunteer Opportunities | 1st: _____ 2nd: _____ 3rd: _____ 4th: _____ 5th: _____ | |
| (4) Home Services | | |
| (5) Health & Nutrition Services | | |

19-4. Please rate how effectively the City provides the following services for the aging population of Grand Prairie.

How effectively does the City provide the following service for the City's aging population?		Very Effectively	Somewhat Effectively	Not Effectively	Don't Know
1.	Transportation	3	2	1	9
2.	Entertainment/Recreation	3	2	1	9
3.	Volunteer Opportunities	3	2	1	9
4.	Home Services	3	2	1	9
5.	Health & Nutrition Services	3	2	1	9

DEMOGRAPHICS

20. Counting yourself, how many people live in your household? _____ people

21. Counting yourself, how many people in your household are:

Under 5 years: _____ 15 - 19 years: _____ 35 - 44 years: _____ 65 - 74 years: _____
 5 - 9 years: _____ 20 - 24 years: _____ 45 - 54 years: _____ 75+ years: _____
 10 - 14 years: _____ 25 - 34 years: _____ 55 - 64 years: _____

22. Your Gender: ____ (1) Male ____ (2) Female

23. What is your age? _____ years

24. Are there any persons with disabilities living in your household? ____ (1) Yes ____ (2) No

24-2. What type of disability?

25. In which of the following zip codes do you live? (Circle one.)

75050 75051 75052 75053 75054 Other: _____

This concludes the survey – Thank you for your time!

Please return your completed survey in the enclosed postage paid envelope addressed to:
 ETC Institute, 725 W. Frontier Circle, Olathe, KS 66061

Your responses will remain completely confidential. The address information printed to the right will ONLY be used to help identify needs in different areas of the City. Thank you!



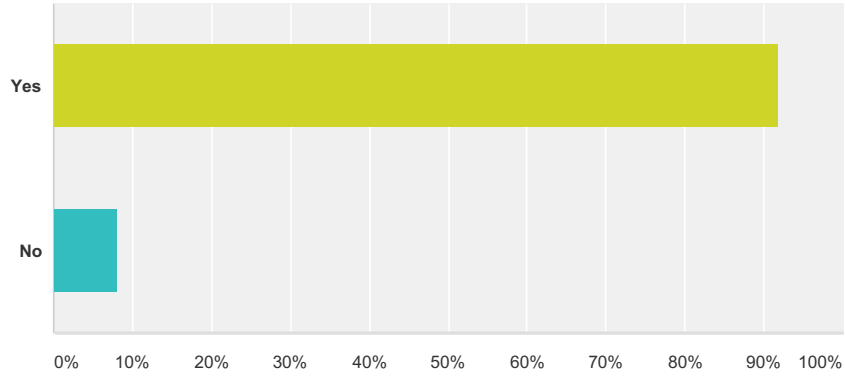
Appendix G
Web & Handout Survey Report

APPENDIX G - WEB AND HANDOUT SURVEY REPORT

Project Discovery 2026: Creating a Grand Park System Grand Prairie Parks, Arts & Recreation Master Plan Survey

Q1 Have you or any member of your household visited any of the parks and/or recreation facilities in the City of Grand Prairie in the last 12 months?

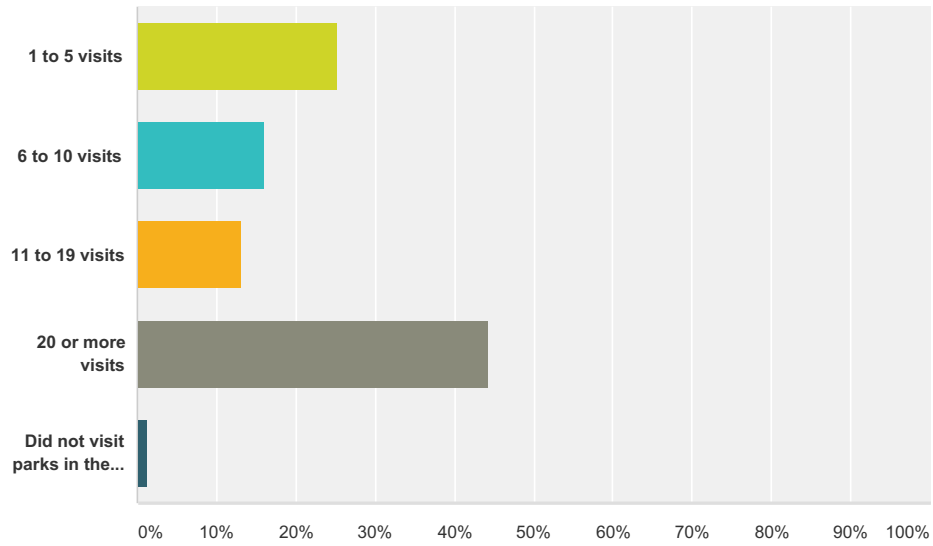
Answered: 195 Skipped: 0



Answer Choices	Responses	
Yes	91.79%	179
No	8.21%	16
Total		195

Q2 If you answered "Yes" to Question 1, please indicate how often you or members of your household visited parks within the past year.

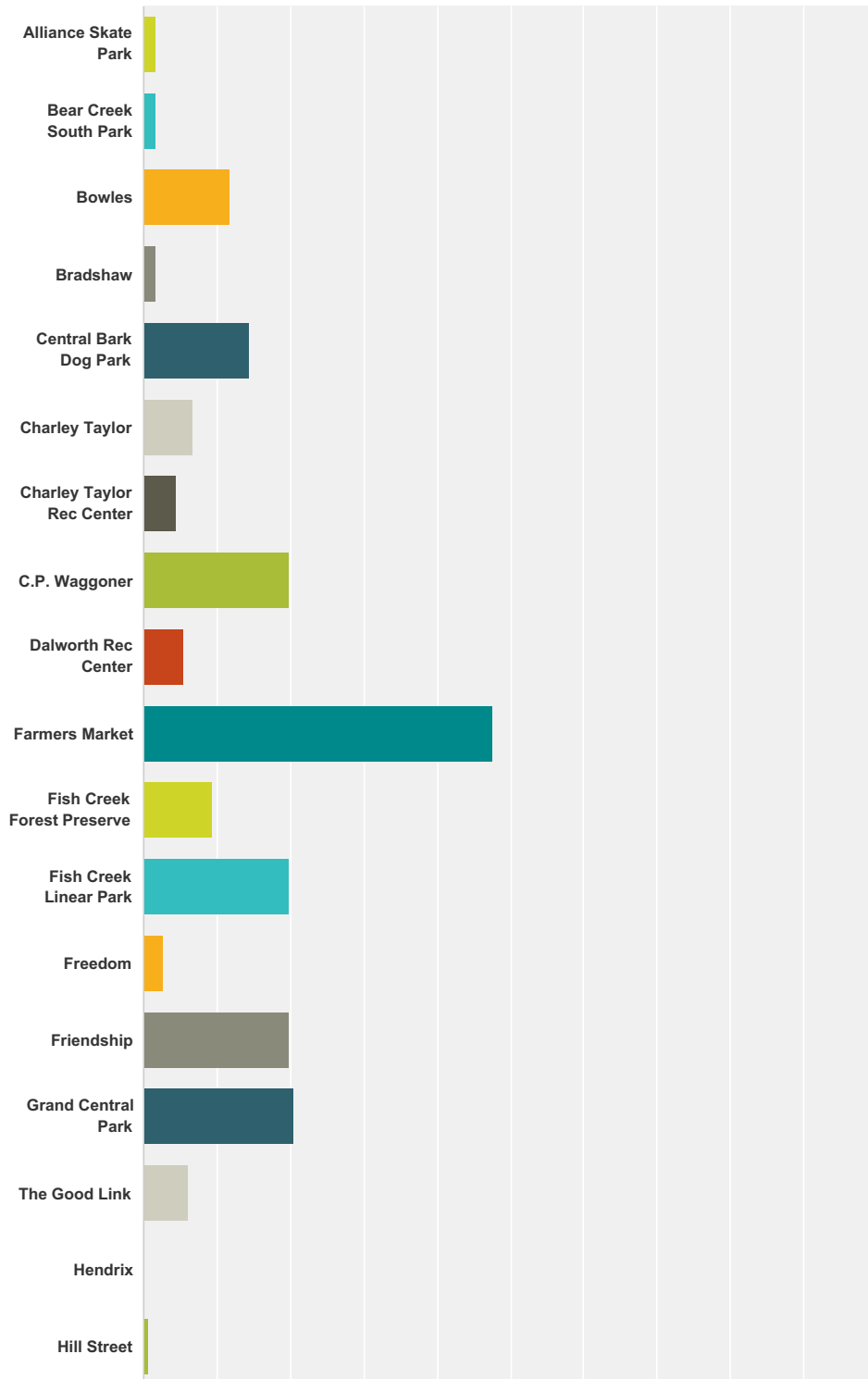
Answered: 174 Skipped: 21



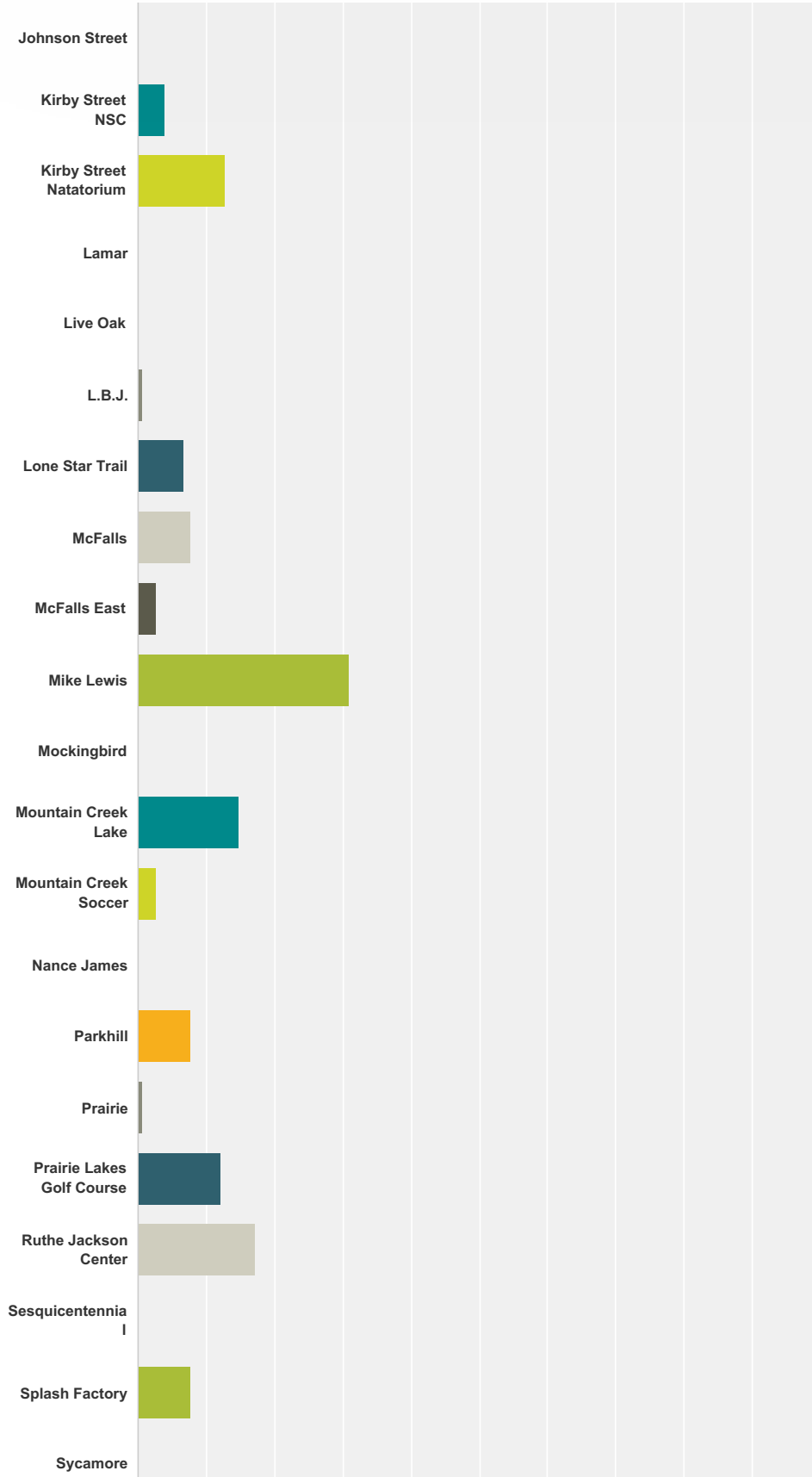
Answer Choices	Responses
1 to 5 visits	25.29% 44
6 to 10 visits	16.09% 28
11 to 19 visits	13.22% 23
20 or more visits	44.25% 77
Did not visit parks in the past 12 months	1.15% 2
Total	174

Q3 Which of the following parks and recreation facilities have you or members of your household visited in the past year?

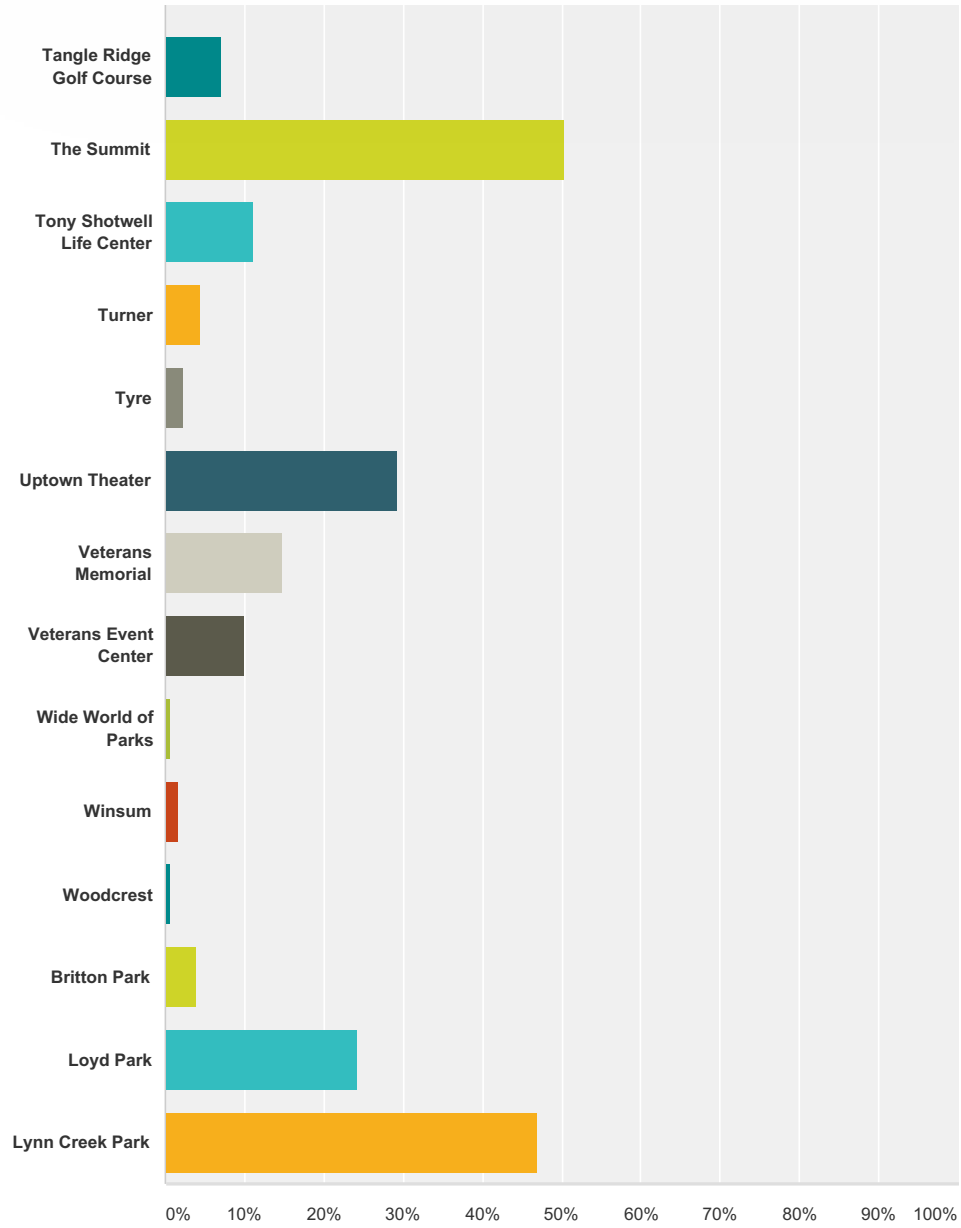
Answered: 181 Skipped: 14



Project Discovery 2026: Creating a Grand Park System Grand Prairie Parks, Arts & Recreation Master Plan Survey



Project Discovery 2026: Creating a Grand Park System Grand Prairie Parks, Arts & Recreation Master Plan Survey



Answer Choices	Responses
Alliance Skate Park	1.66% 3
Bear Creek South Park	1.66% 3
Bowles	11.60% 21
Bradshaw	1.66% 3
Central Bark Dog Park	14.36% 26
Charley Taylor	6.63% 12
Charley Taylor Rec Center	4.42% 8

Project Discovery 2026: Creating a Grand Park System Grand Prairie Parks, Arts & Recreation Master Plan Survey

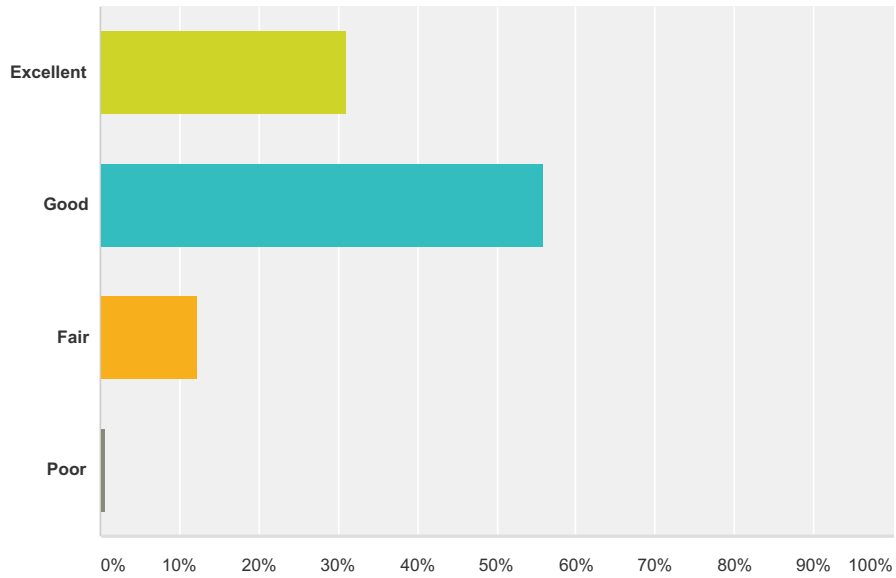
C.P. Waggoner	19.89%	36
Dalworth Rec Center	5.52%	10
Farmers Market	47.51%	86
Fish Creek Forest Preserve	9.39%	17
Fish Creek Linear Park	19.89%	36
Freedom	2.76%	5
Friendship	19.89%	36
Grand Central Park	20.44%	37
The Good Link	6.08%	11
Hendrix	0.00%	0
Hill Street	0.55%	1
Johnson Street	0.00%	0
Kirby Street NSC	3.87%	7
Kirby Street Natatorium	12.71%	23
Lamar	0.00%	0
Live Oak	0.00%	0
L.B.J.	0.55%	1
Lone Star Trail	6.63%	12
McFalls	7.73%	14
McFalls East	2.76%	5
Mike Lewis	30.94%	56
Mockingbird	0.00%	0
Mountain Creek Lake	14.92%	27
Mountain Creek Soccer	2.76%	5
Nance James	0.00%	0
Parkhill	7.73%	14
Prairie	0.55%	1
Prairie Lakes Golf Course	12.15%	22
Ruthe Jackson Center	17.13%	31
Sesquicentennial	0.00%	0
Splash Factory	7.73%	14
Sycamore	0.00%	0
Tangle Ridge Golf Course	7.18%	13
The Summit	50.28%	91

Project Discovery 2026: Creating a Grand Park System Grand Prairie Parks, Arts & Recreation Master Plan Survey

Tony Shotwell Life Center	11.05%	20
Turner	4.42%	8
Tyre	2.21%	4
Uptown Theater	29.28%	53
Veterans Memorial	14.92%	27
Veterans Event Center	9.94%	18
Wide World of Parks	0.55%	1
Winsum	1.66%	3
Woodcrest	0.55%	1
Britton Park	3.87%	7
Loyd Park	24.31%	44
Lynn Creek Park	46.96%	85
Total Respondents: 181		

Q4 Overall, how would you rate the physical condition of the parks and recreation facilities you have visited in Grand Prairie?

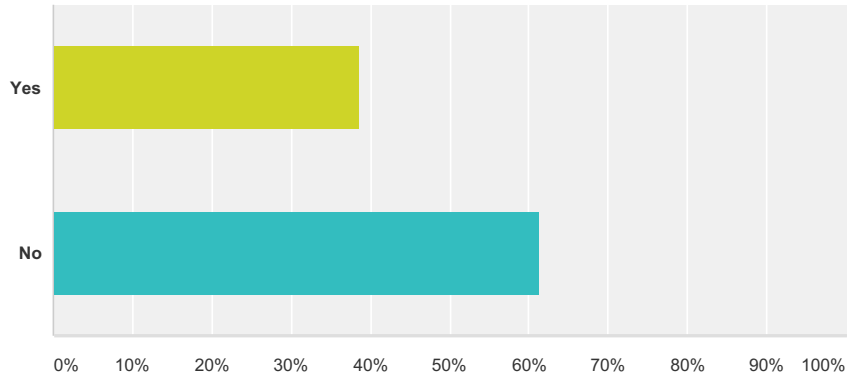
Answered: 186 Skipped: 9



Answer Choices	Responses
Excellent	31.18% 58
Good	55.91% 104
Fair	12.37% 23
Poor	0.54% 1
Total	186

Q5 Have you or any member of your household participated in any recreational programs offered by the City of Grand Prairie Department of Parks, Arts & Recreation over the past 12 months?

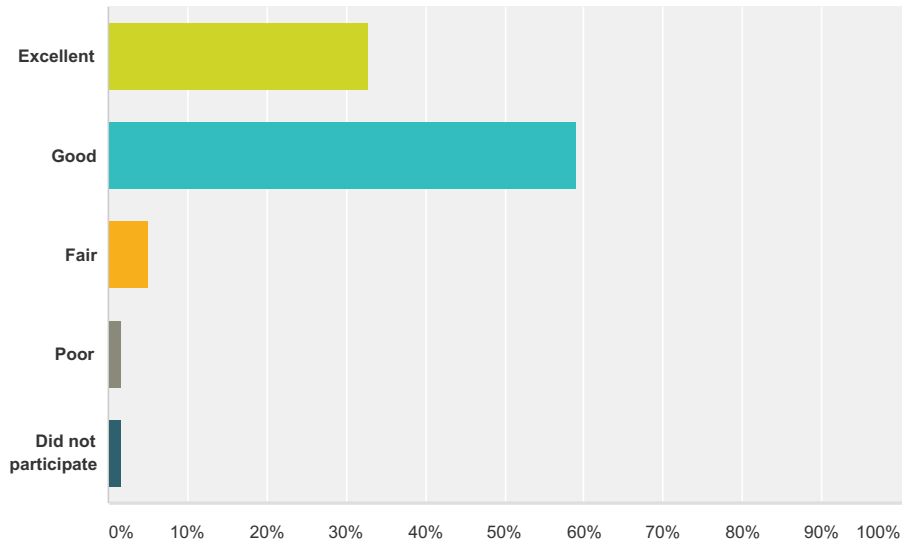
Answered: 184 Skipped: 11



Answer Choices	Responses	
Yes	38.59%	71
No	61.41%	113
Total		184

Q6 How would you rate the quality of the programs in which you or members of your household participated?

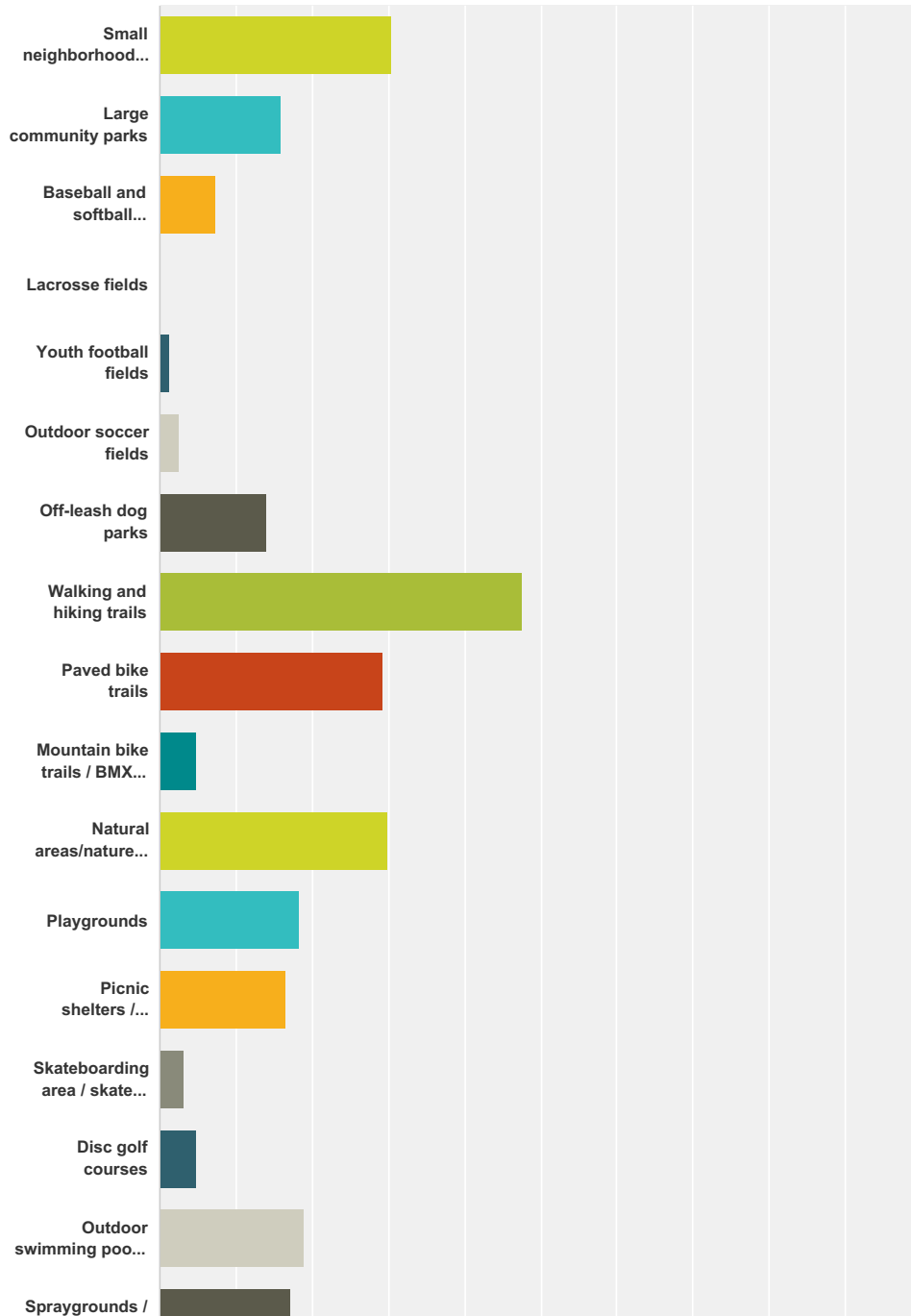
Answered: 61 Skipped: 134



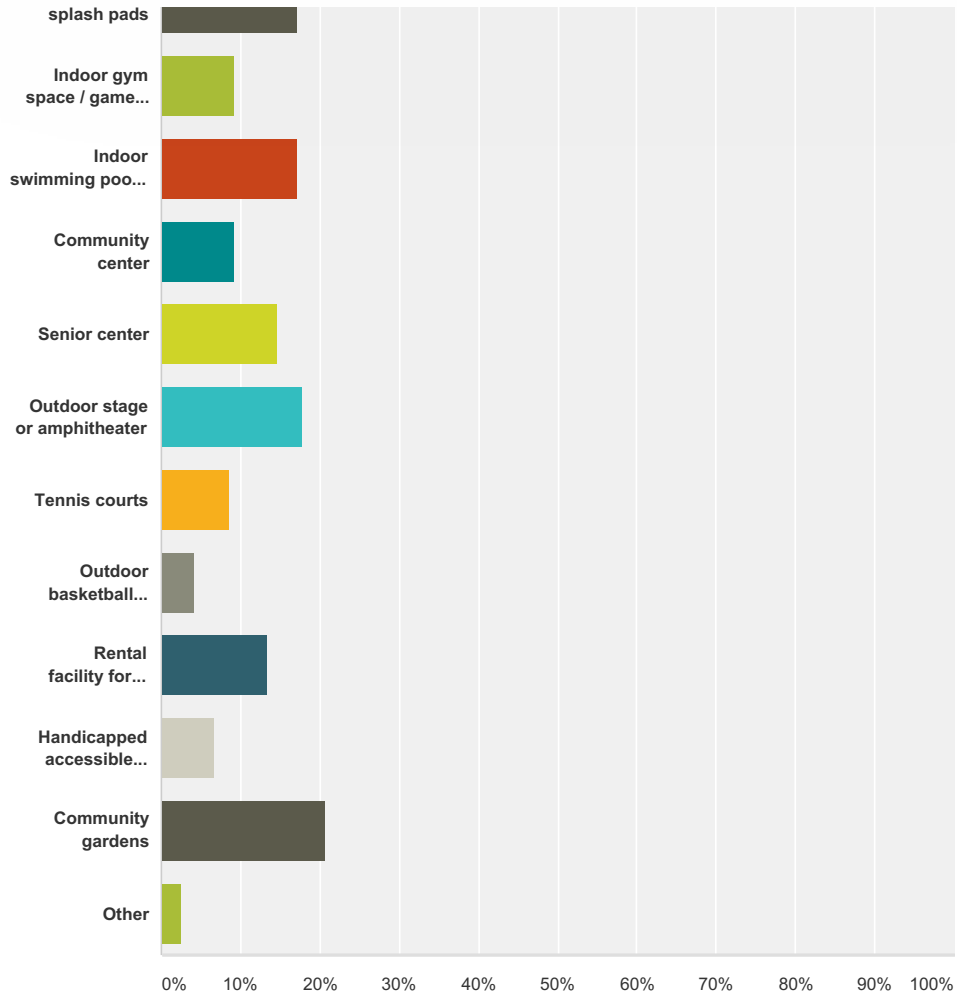
Answer Choices	Responses	
Excellent	32.79%	20
Good	59.02%	36
Fair	4.92%	3
Poor	1.64%	1
Did not participate	1.64%	1
Total		61

Q7 Which facilities do members of your household most need to see developed or expanded in Grand Prairie? Please CHECK the facilities (up to FOUR) that are currently not meeting the needs of members of your household.

Answered: 164 Skipped: 31



Project Discovery 2026: Creating a Grand Park System Grand Prairie Parks, Arts & Recreation Master Plan Survey



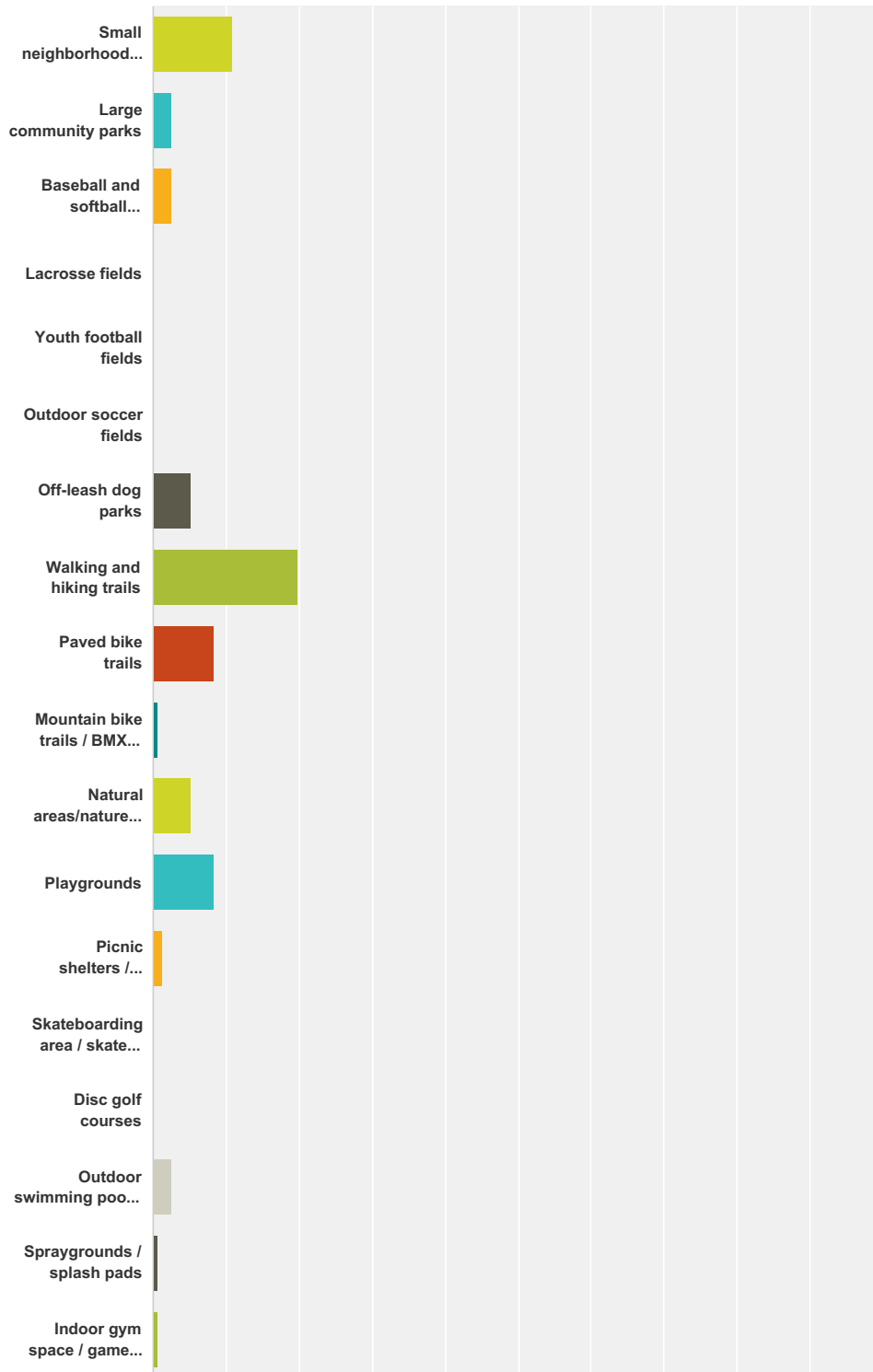
Answer Choices	Responses	Count
Small neighborhood parks	30.49%	50
Large community parks	15.85%	26
Baseball and softball diamonds	7.32%	12
Lacrosse fields	0.00%	0
Youth football fields	1.22%	2
Outdoor soccer fields	2.44%	4
Off-leash dog parks	14.02%	23
Walking and hiking trails	47.56%	78
Paved bike trails	29.27%	48
Mountain bike trails / BMX course	4.88%	8
Natural areas/nature parks	29.88%	49
Playgrounds	18.29%	30

Project Discovery 2026: Creating a Grand Park System Grand Prairie Parks, Arts & Recreation Master Plan Survey

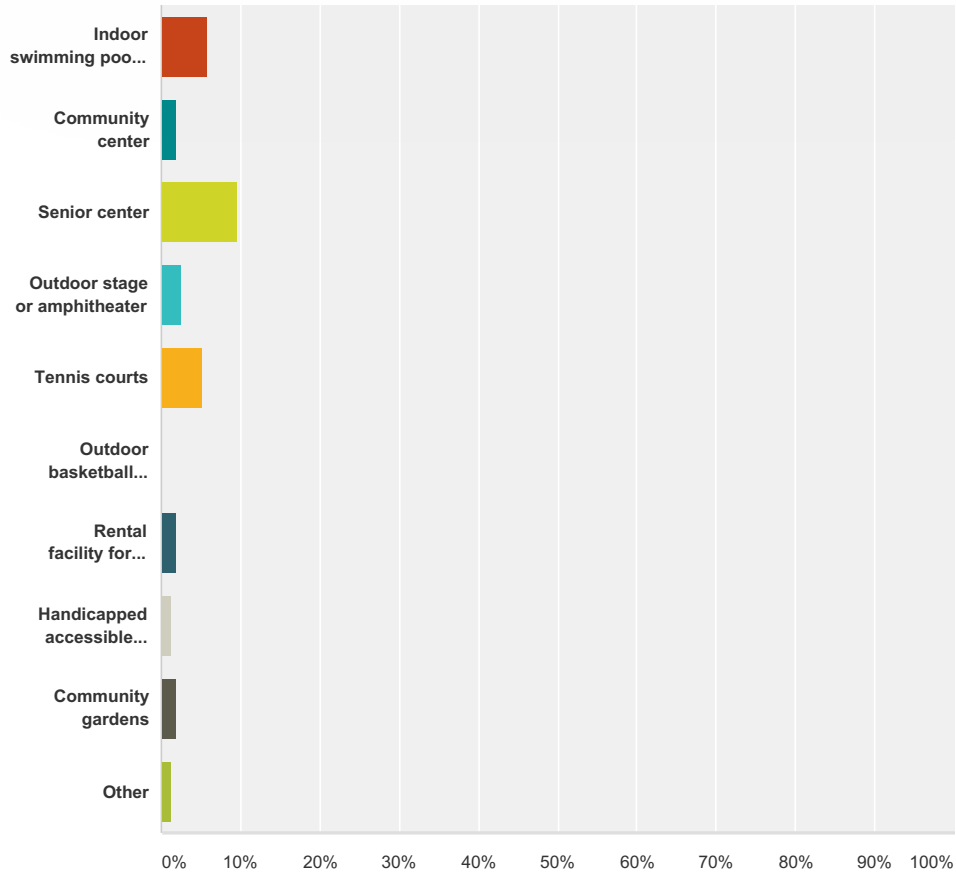
Picnic shelters / picnic areas	16.46%	27
Skateboarding area / skate park	3.05%	5
Disc golf courses	4.88%	8
Outdoor swimming pools / aquatic centers	18.90%	31
Spraygrounds / splash pads	17.07%	28
Indoor gym space / game courts	9.15%	15
Indoor swimming pools / water parks	17.07%	28
Community center	9.15%	15
Senior center	14.63%	24
Outdoor stage or amphitheater	17.68%	29
Tennis courts	8.54%	14
Outdoor basketball courts	4.27%	7
Rental facility for banquets / receptions	13.41%	22
Handicapped accessible parks/facilities	6.71%	11
Community gardens	20.73%	34
Other	2.44%	4
Total Respondents: 164		

Q8 Which ONE facility from the list in Question #7 is most important to your household?

Answered: 156 Skipped: 39



Project Discovery 2026: Creating a Grand Park System Grand Prairie Parks, Arts & Recreation Master Plan Survey



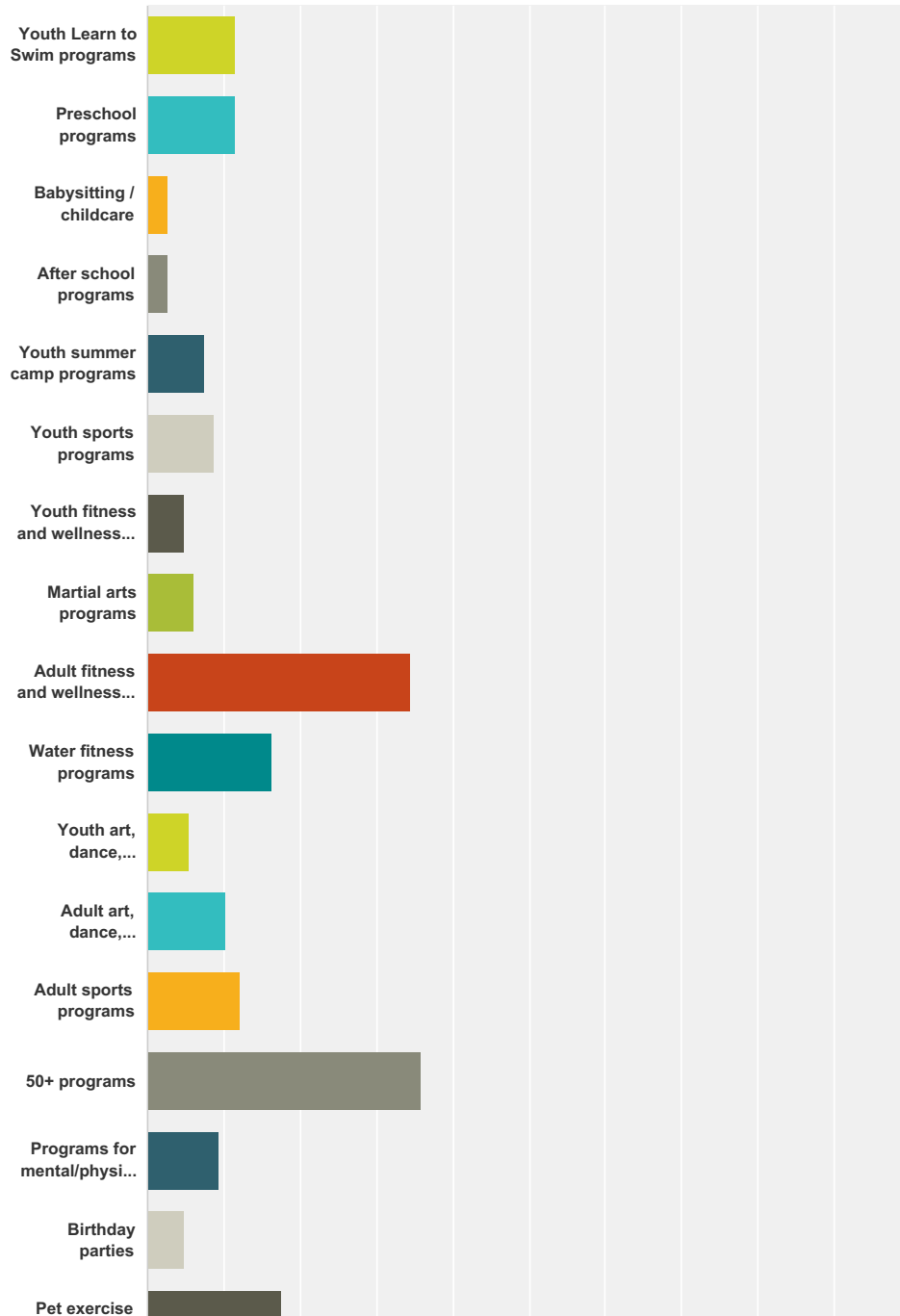
Answer Choices	Responses	Count
Small neighborhood parks	10.90%	17
Large community parks	2.56%	4
Baseball and softball diamonds	2.56%	4
Lacrosse fields	0.00%	0
Youth football fields	0.00%	0
Outdoor soccer fields	0.00%	0
Off-leash dog parks	5.13%	8
Walking and hiking trails	19.87%	31
Paved bike trails	8.33%	13
Mountain bike trails / BMX course	0.64%	1
Natural areas/nature parks	5.13%	8
Playgrounds	8.33%	13
Picnic shelters / picnic areas	1.28%	2
Skateboarding area / skate park	0.00%	0

Project Discovery 2026: Creating a Grand Park System Grand Prairie Parks, Arts & Recreation Master Plan Survey

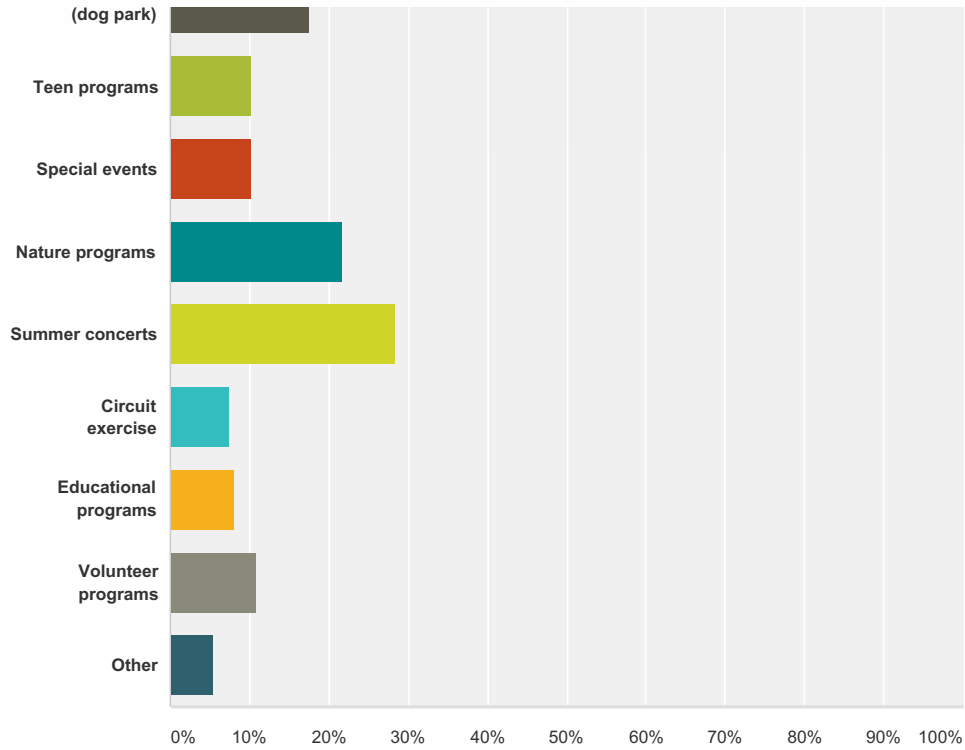
Disc golf courses	0.00%	0
Outdoor swimming pools / aquatic centers	2.56%	4
Spraygrounds / splash pads	0.64%	1
Indoor gym space / game courts	0.64%	1
Indoor swimming pools / water parks	5.77%	9
Community center	1.92%	3
Senior center	9.62%	15
Outdoor stage or amphitheater	2.56%	4
Tennis courts	5.13%	8
Outdoor basketball courts	0.00%	0
Rental facility for banquets / receptions	1.92%	3
Handicapped accessible parks/facilities	1.28%	2
Community gardens	1.92%	3
Other	1.28%	2
Total		156

Q9 Which programs do members of your household most need to see developed or expanded in Grand Prairie? Please CHECK the programs (up to FOUR) that are currently not meeting the needs of members of your household.

Answered: 148 Skipped: 47



Project Discovery 2026: Creating a Grand Park System Grand Prairie Parks, Arts & Recreation Master Plan Survey



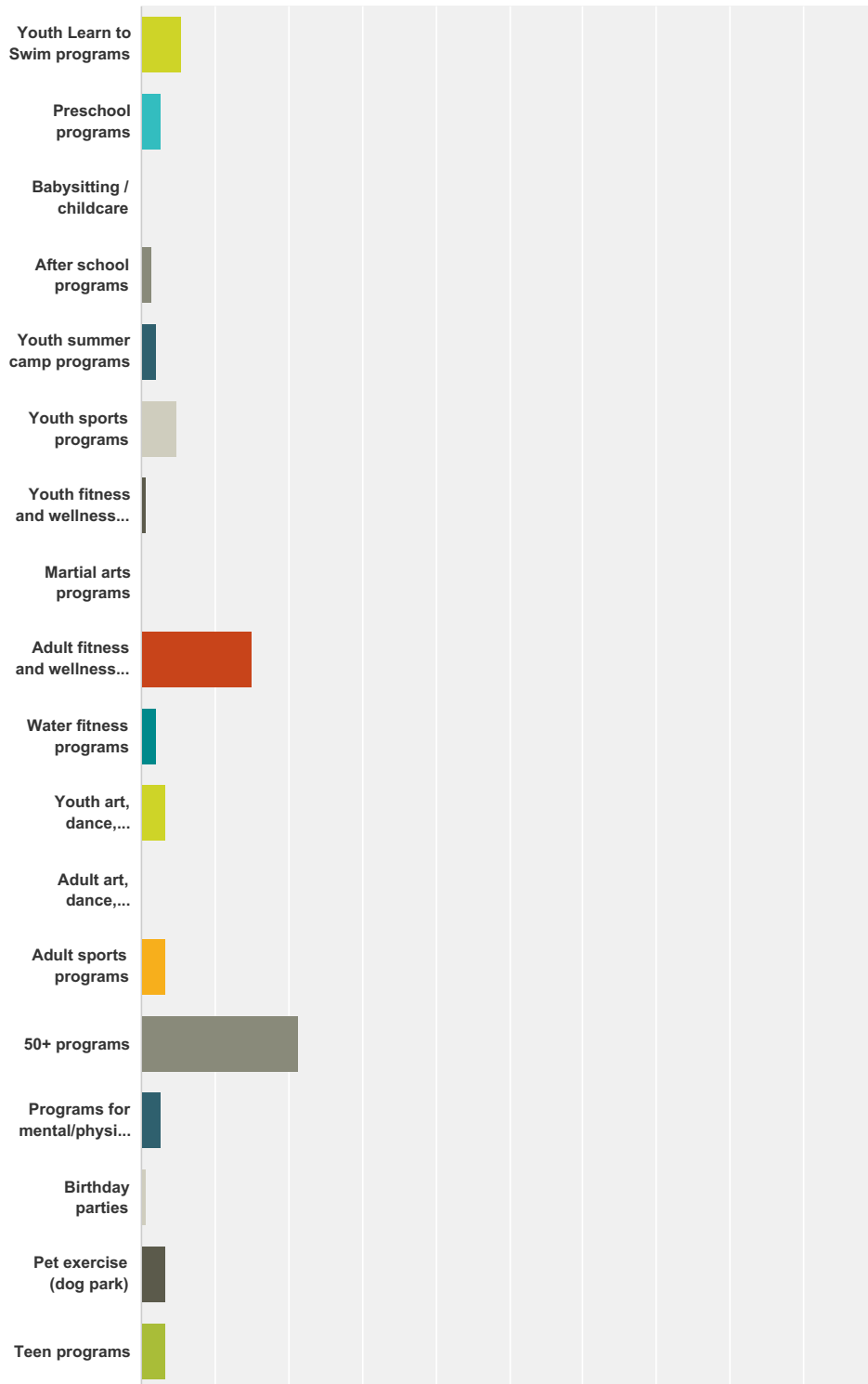
Answer Choices	Responses
Youth Learn to Swim programs	11.49% 17
Preschool programs	11.49% 17
Babysitting / childcare	2.70% 4
After school programs	2.70% 4
Youth summer camp programs	7.43% 11
Youth sports programs	8.78% 13
Youth fitness and wellness programs	4.73% 7
Martial arts programs	6.08% 9
Adult fitness and wellness programs	34.46% 51
Water fitness programs	16.22% 24
Youth art, dance, performing arts	5.41% 8
Adult art, dance, performing arts	10.14% 15
Adult sports programs	12.16% 18
50+ programs	35.81% 53
Programs for mental/physically challenged	9.46% 14
Birthday parties	4.73% 7
Pet exercise (dog park)	17.57% 26

Project Discovery 2026: Creating a Grand Park System Grand Prairie Parks, Arts & Recreation Master Plan Survey

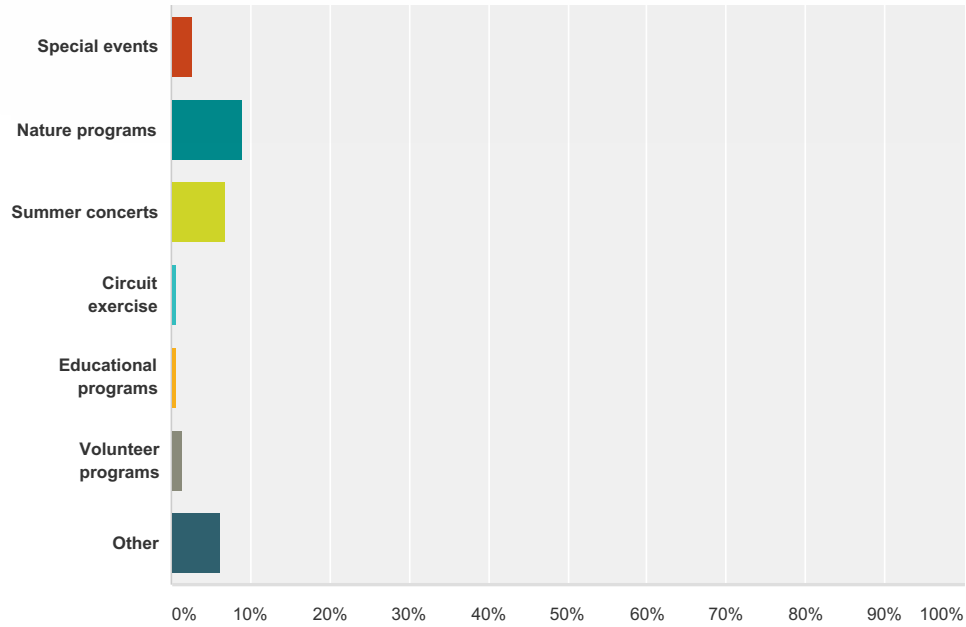
Teen programs	10.14%	15
Special events	10.14%	15
Nature programs	21.62%	32
Summer concerts	28.38%	42
Circuit exercise	7.43%	11
Educational programs	8.11%	12
Volunteer programs	10.81%	16
Other	5.41%	8
Total Respondents: 148		

Q10 Which ONE program from the list in Question #9 is most important to your household?

Answered: 146 Skipped: 49



Project Discovery 2026: Creating a Grand Park System Grand Prairie Parks, Arts & Recreation Master Plan Survey



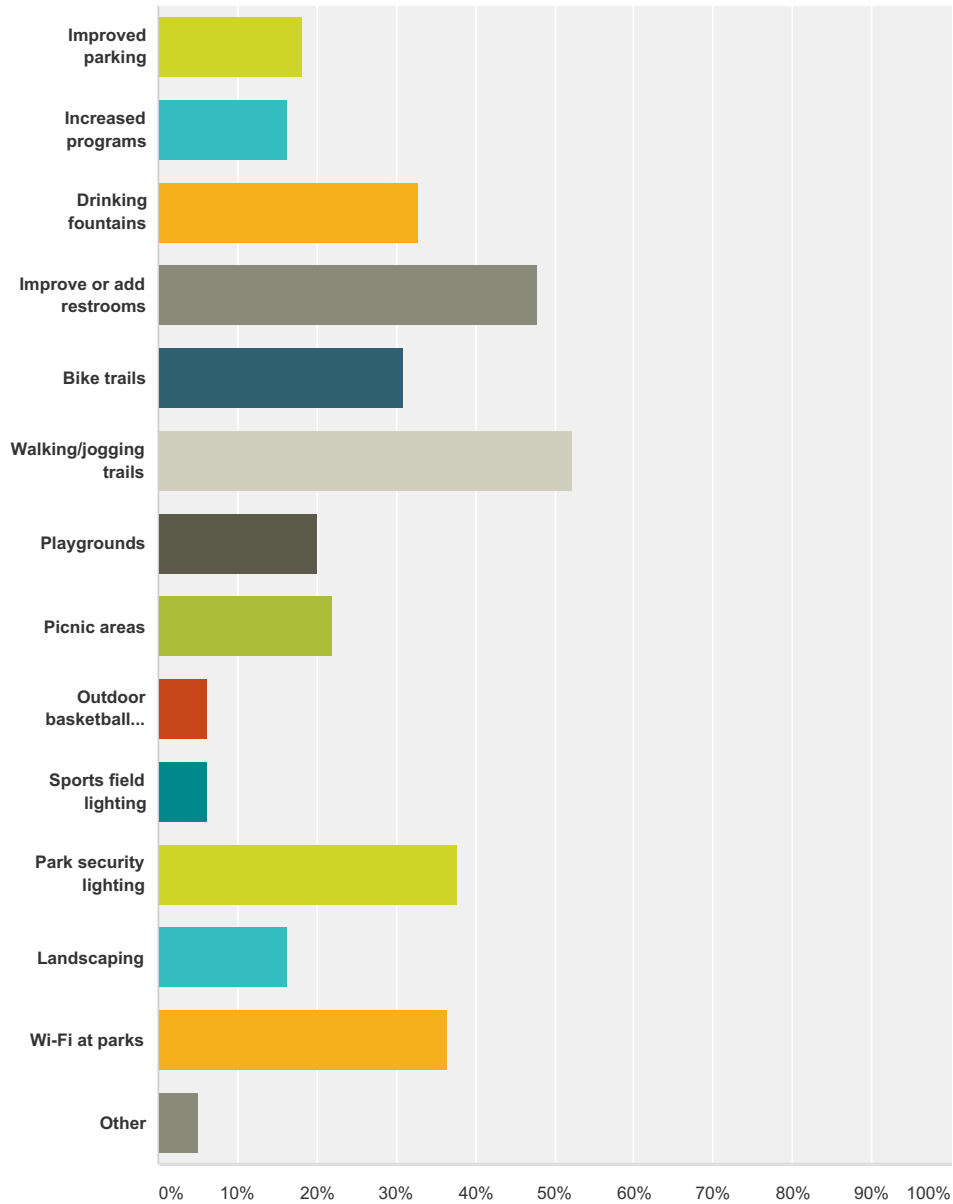
Answer Choices	Responses	Count
Youth Learn to Swim programs	5.48%	8
Preschool programs	2.74%	4
Babysitting / childcare	0.00%	0
After school programs	1.37%	2
Youth summer camp programs	2.05%	3
Youth sports programs	4.79%	7
Youth fitness and wellness programs	0.68%	1
Martial arts programs	0.00%	0
Adult fitness and wellness programs	15.07%	22
Water fitness programs	2.05%	3
Youth art, dance, performing arts	3.42%	5
Adult art, dance, performing arts	0.00%	0
Adult sports programs	3.42%	5
50+ programs	21.23%	31
Programs for mental/physically challenged	2.74%	4
Birthday parties	0.68%	1
Pet exercise (dog park)	3.42%	5
Teen programs	3.42%	5
Special events	2.74%	4

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Nature programs	8.90%	13
Summer concerts	6.85%	10
Circuit exercise	0.68%	1
Educational programs	0.68%	1
Volunteer programs	1.37%	2
Other	6.16%	9
Total		146

Q11 Listed below are potential improvements that could be made to the EXISTING parks in the City of Grand Prairie. Please CHECK ALL the improvements you would most like to have made to existing parks in Grand Prairie.

Answered: 159 Skipped: 36



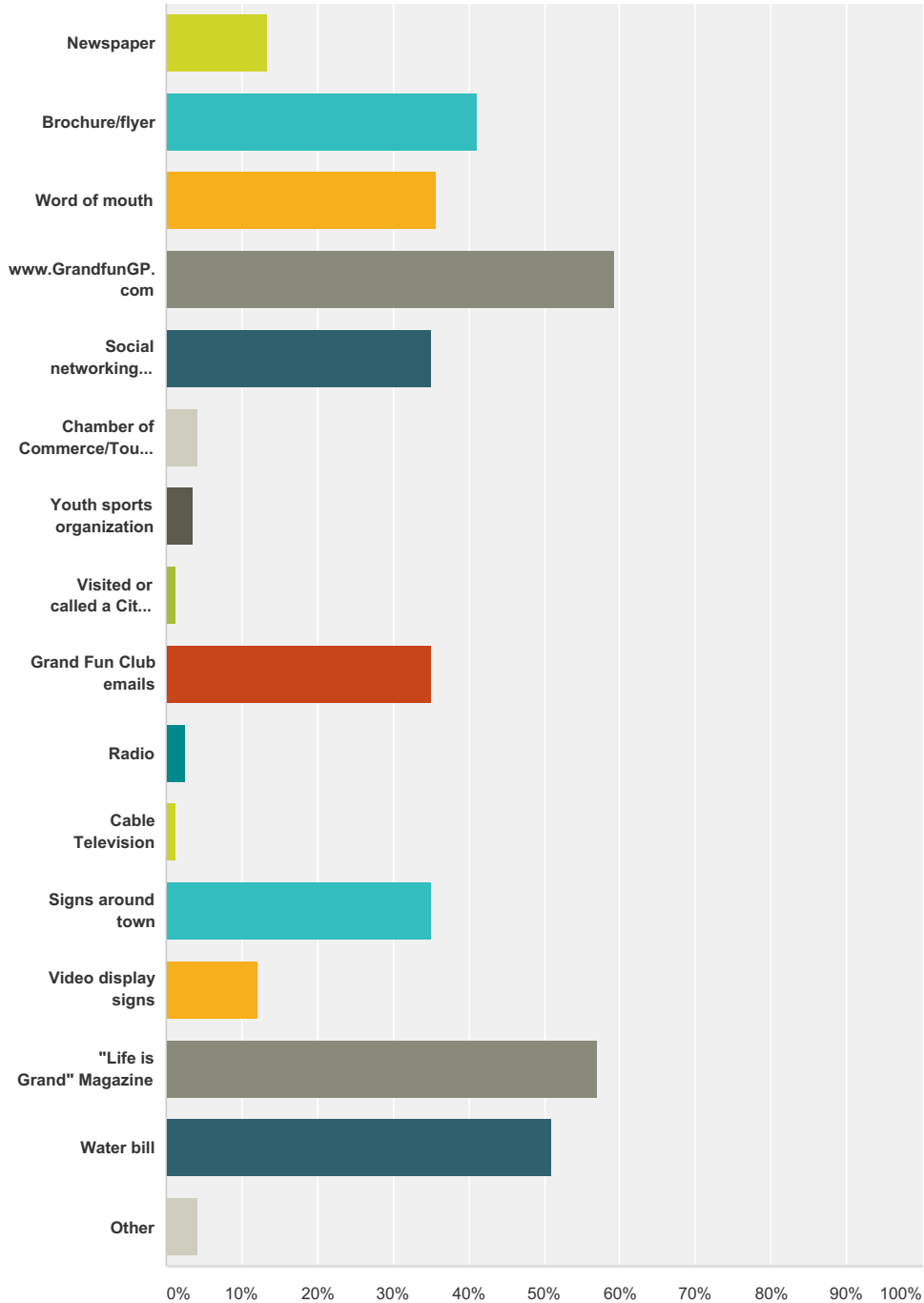
Answer Choices	Responses
Improved parking	18.24% 29

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Increased programs	16.35%	26
Drinking fountains	32.70%	52
Improve or add restrooms	47.80%	76
Bike trails	30.82%	49
Walking/jogging trails	52.20%	83
Playgrounds	20.13%	32
Picnic areas	22.01%	35
Outdoor basketball courts	6.29%	10
Sports field lighting	6.29%	10
Park security lighting	37.74%	60
Landscaping	16.35%	26
Wi-Fi at parks	36.48%	58
Other	5.03%	8
Total Respondents: 159		

Q12 Please CHECK ALL the ways you learn about recreation or activities.

Answered: 165 Skipped: 30



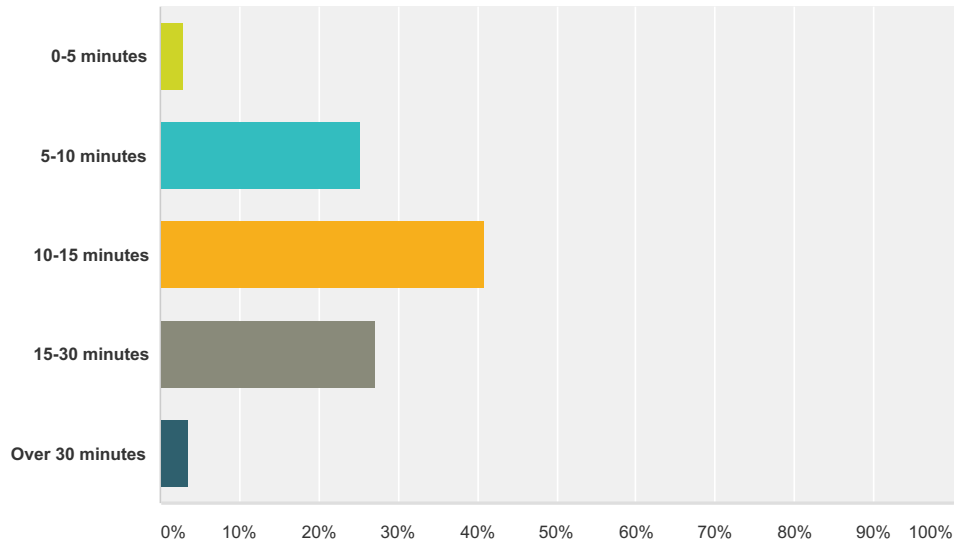
Answer Choices	Responses
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Project Discovery 2026: Creating a Grand Park System Grand Prairie Parks, Arts & Recreation Master Plan Survey

Newspaper	13.33%	22
Brochure/flyer	41.21%	68
Word of mouth	35.76%	59
www.GrandfunGP.com	59.39%	98
Social networking (Facebook)	35.15%	58
Chamber of Commerce/Tourism	4.24%	7
Youth sports organization	3.64%	6
Visited or called a City office	1.21%	2
Grand Fun Club emails	35.15%	58
Radio	2.42%	4
Cable Television	1.21%	2
Signs around town	35.15%	58
Video display signs	12.12%	20
"Life is Grand" Magazine	56.97%	94
Water bill	50.91%	84
Other	4.24%	7
Total Respondents: 165		

Q13 How long are you willing to drive to attend recreation programs or use park and recreation facilities?

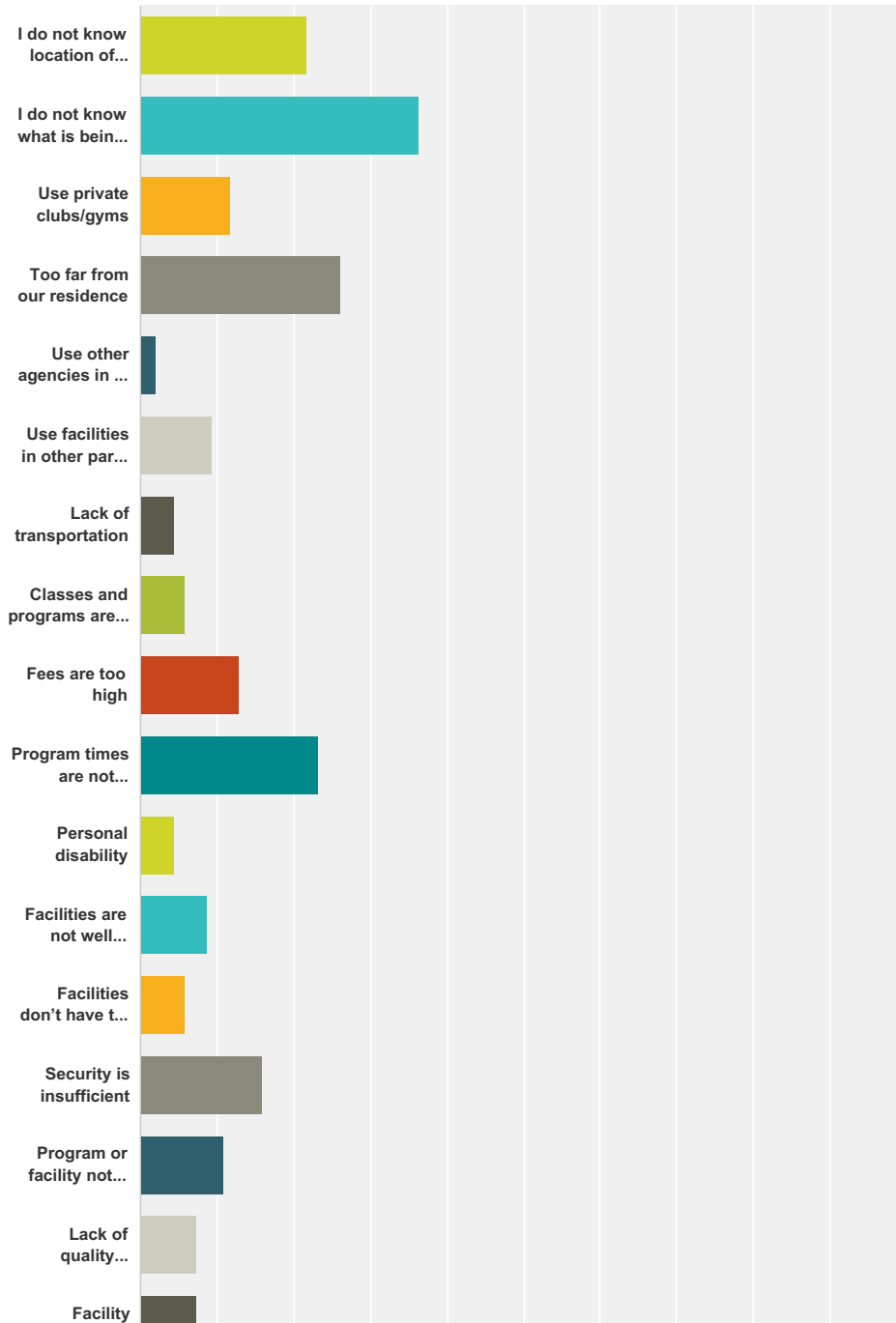
Answered: 166 Skipped: 29



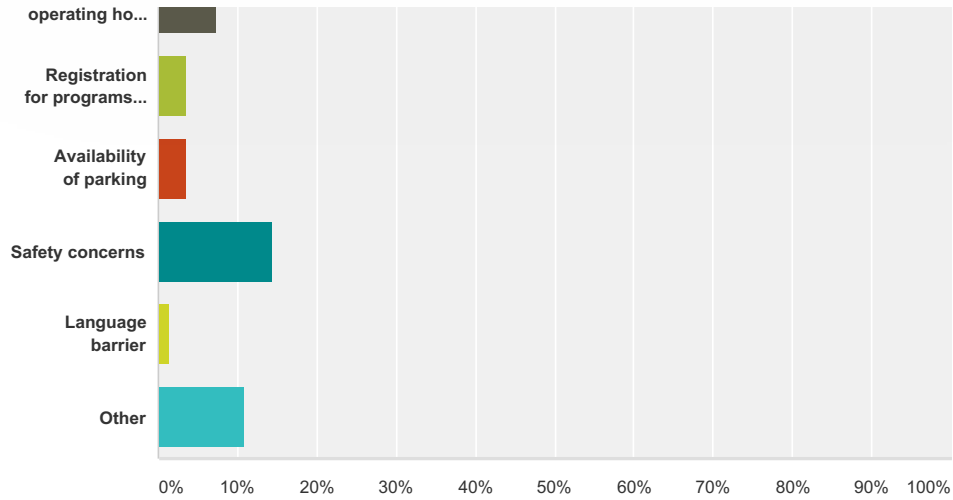
Answer Choices	Responses
0-5 minutes	3.01% 5
5-10 minutes	25.30% 42
10-15 minutes	40.96% 68
15-30 minutes	27.11% 45
Over 30 minutes	3.61% 6
Total	166

Q14 Please CHECK ALL the reasons that prevent you or other members of your household from using PARKS, RECREATION FACILITIES, TRAILS, and PROGRAMS offered by the City of Grand Prairie more often.

Answered: 138 Skipped: 57



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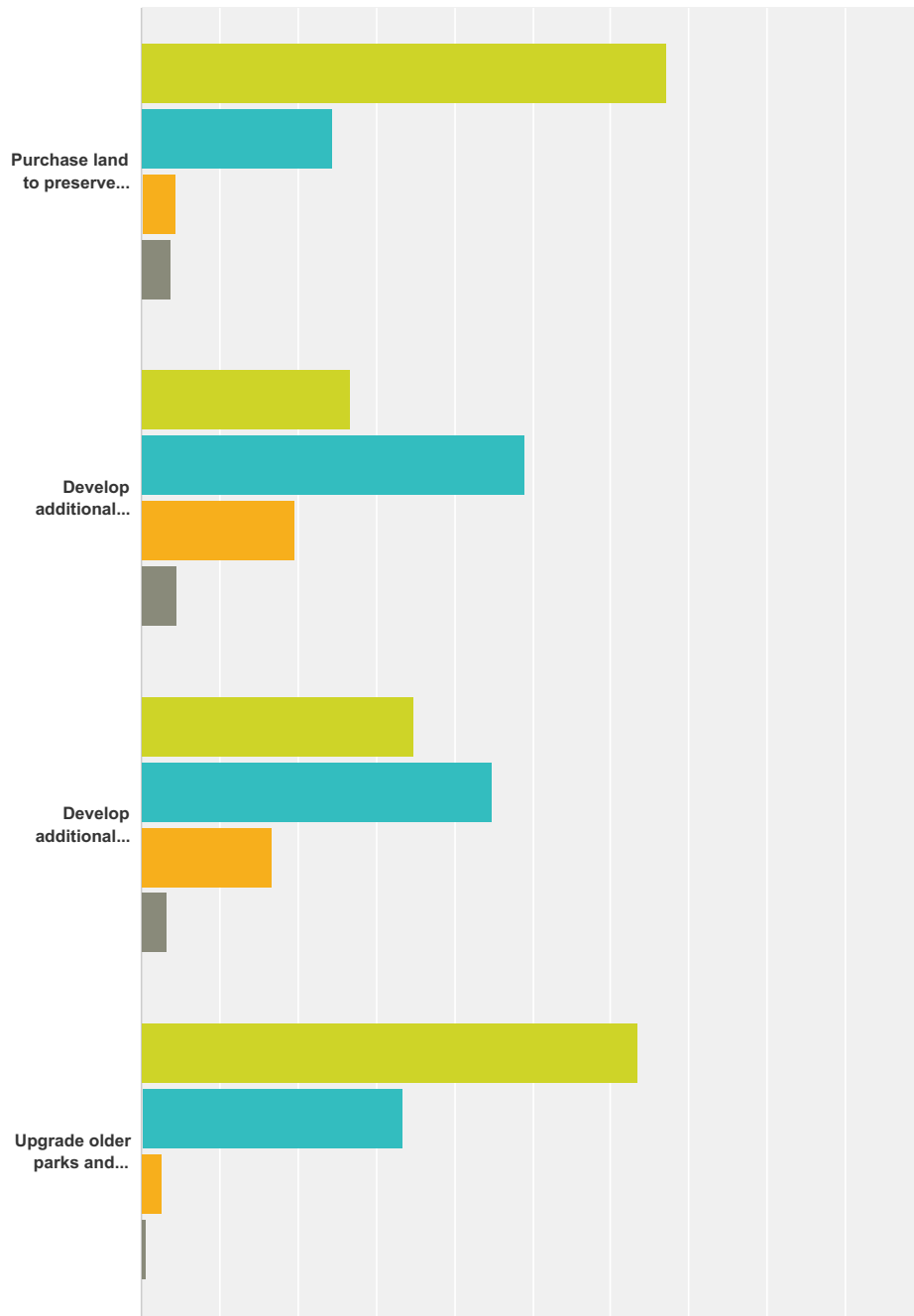


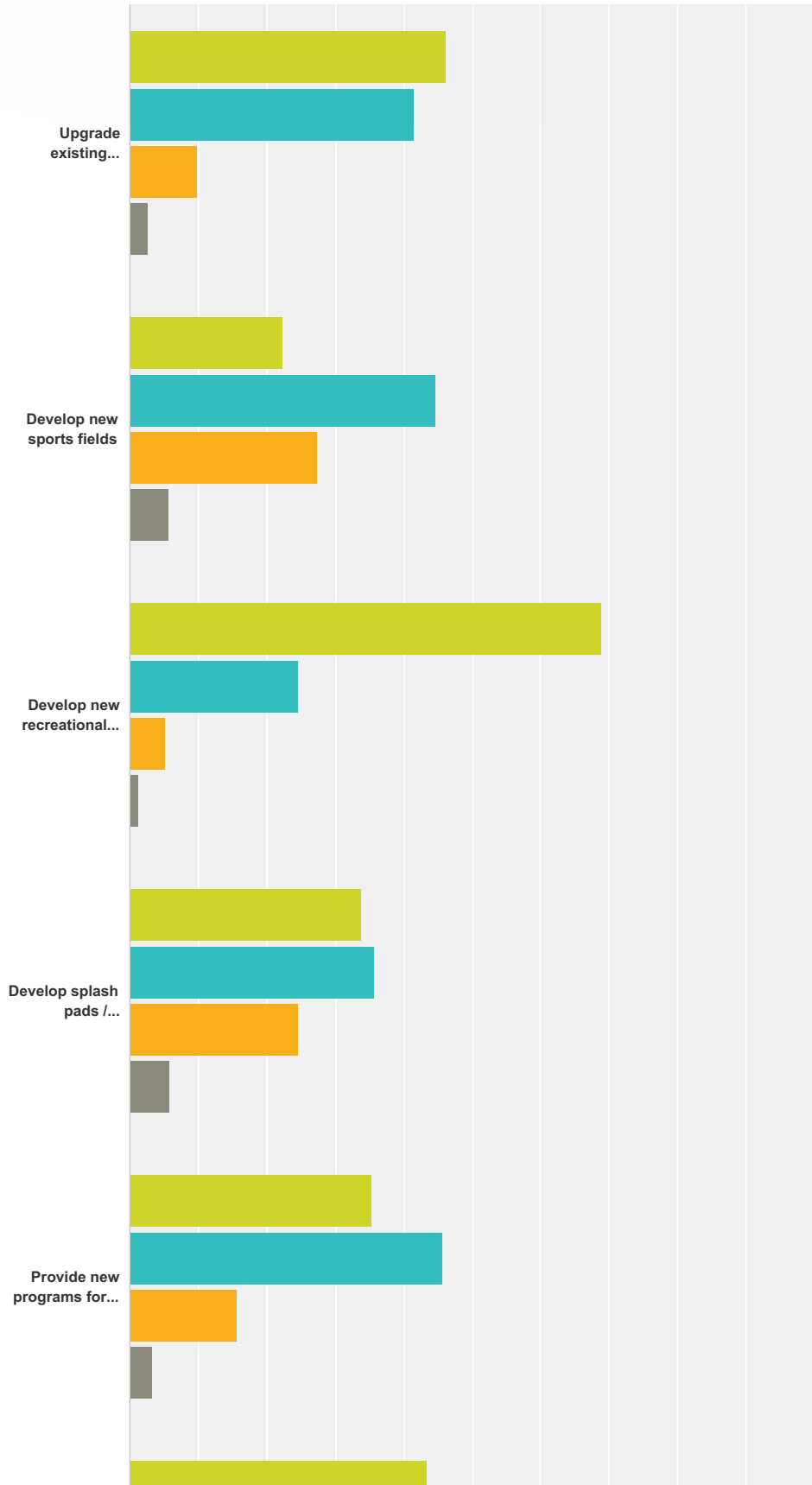
Answer Choices	Responses	
I do not know location of facilities	21.74%	30
I do not know what is being offered	36.23%	50
Use private clubs/gyms	11.59%	16
Too far from our residence	26.09%	36
Use other agencies in the City of Grand Prairie	2.17%	3
Use facilities in other park systems	9.42%	13
Lack of transportation	4.35%	6
Classes and programs are full	5.80%	8
Fees are too high	13.04%	18
Program times are not convenient	23.19%	32
Personal disability	4.35%	6
Facilities are not well maintained	8.70%	12
Facilities don't have the right equipment	5.80%	8
Security is insufficient	15.94%	22
Program or facility not offered	10.87%	15
Lack of quality programs	7.25%	10
Facility operating hours are not convenient	7.25%	10
Registration for programs is difficult	3.62%	5
Availability of parking	3.62%	5
Safety concerns	14.49%	20
Language barrier	1.45%	2
Other	10.87%	15

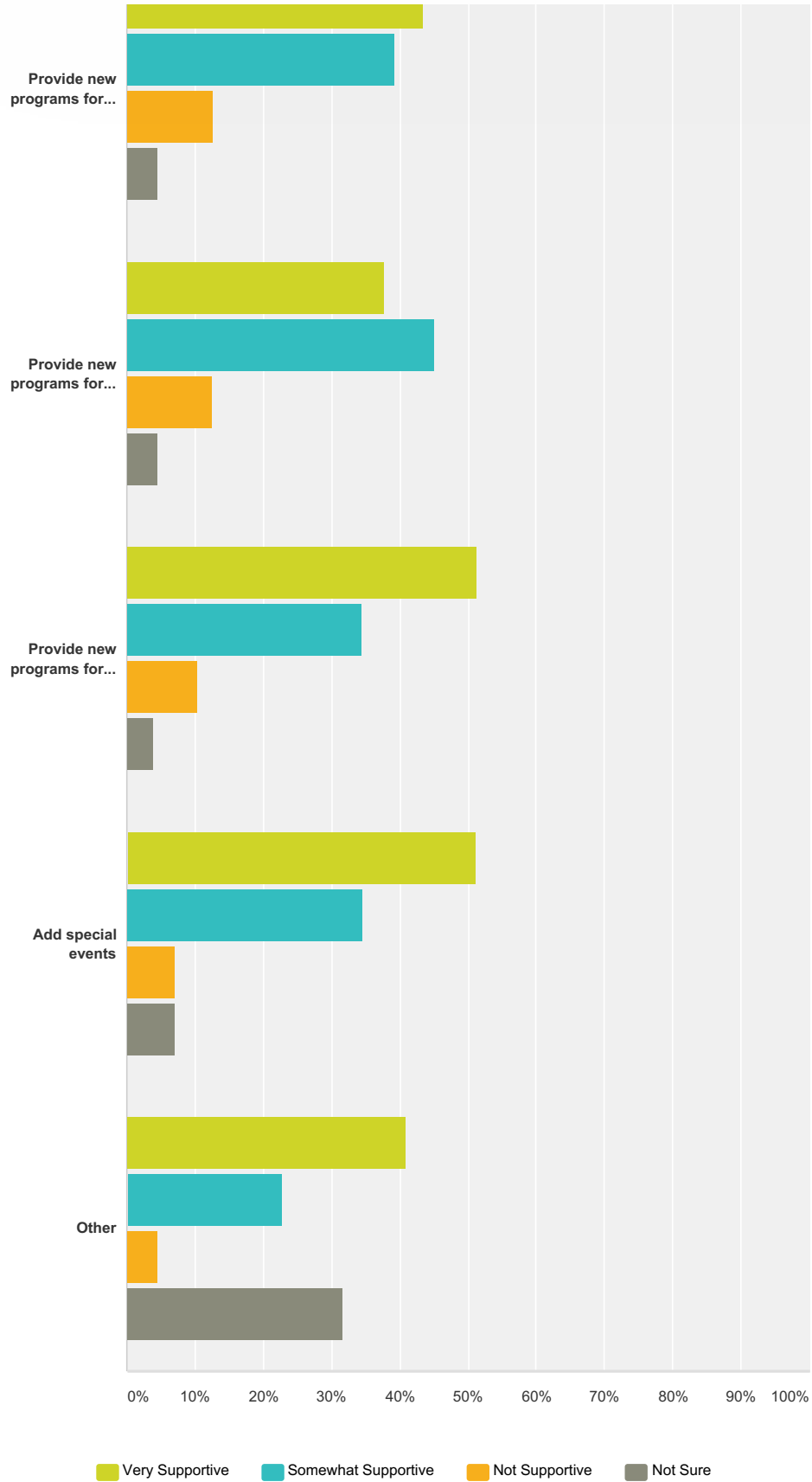
Total Respondents: 138

Q15 The following are actions that the City of Grand Prairie could take to improve the parks, arts and recreation services in the City. Please check whether you would be very supportive, somewhat supportive, or not supportive of each action by CHECKING the circle next to the action.

Answered: 161 Skipped: 34





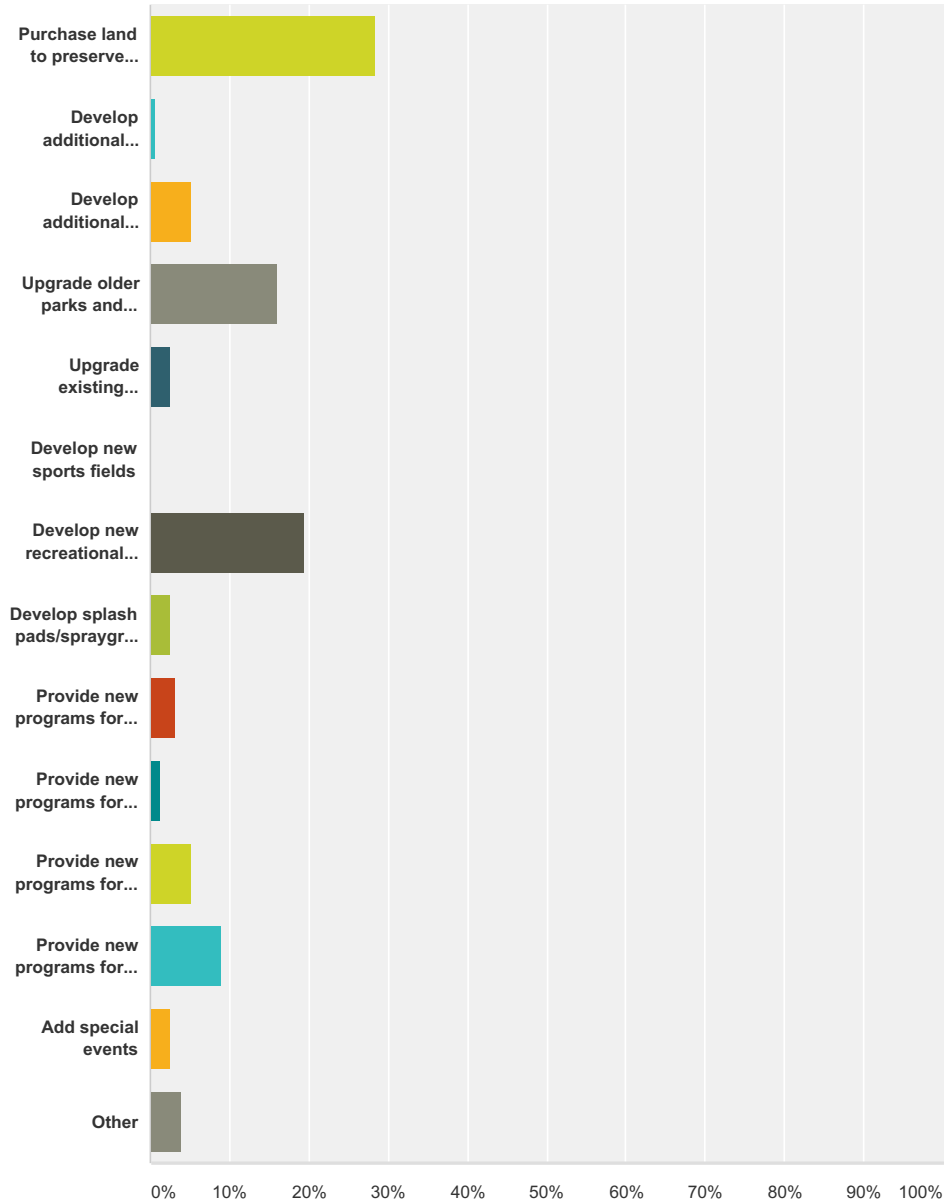


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	Very Supportive	Somewhat Supportive	Not Supportive	Not Sure	Total
Purchase land to preserve open space, natural, and historic areas	67.30% 107	24.53% 39	4.40% 7	3.77% 6	159
Develop additional gymnasium space	26.80% 41	49.02% 75	19.61% 30	4.58% 7	153
Develop additional recreation centers	34.90% 52	44.97% 67	16.78% 25	3.36% 5	149
Upgrade older parks and recreation facilities	63.40% 97	33.33% 51	2.61% 4	0.65% 1	153
Upgrade existing youth/adult athletic fields, including new lighting	46.05% 70	41.45% 63	9.87% 15	2.63% 4	152
Develop new sports fields	22.38% 32	44.76% 64	27.27% 39	5.59% 8	143
Develop new recreational trails and connect existing trails	68.83% 106	24.68% 38	5.19% 8	1.30% 2	154
Develop splash pads / spraygrounds	33.77% 52	35.71% 55	24.68% 38	5.84% 9	154
Provide new programs for youth	35.29% 54	45.75% 70	15.69% 24	3.27% 5	153
Provide new programs for adults	43.33% 65	39.33% 59	12.67% 19	4.67% 7	150
Provide new programs for teens	37.75% 57	45.03% 68	12.58% 19	4.64% 7	151
Provide new programs for seniors	51.30% 79	34.42% 53	10.39% 16	3.90% 6	154
Add special events	51.06% 72	34.75% 49	7.09% 10	7.09% 10	141
Other	40.91% 9	22.73% 5	4.55% 1	31.82% 7	22

Q16 Which action listed above in Question #15 is the MOST IMPORTANT for the City of Grand Prairie to provide? Choose only one.

Answered: 155 Skipped: 40



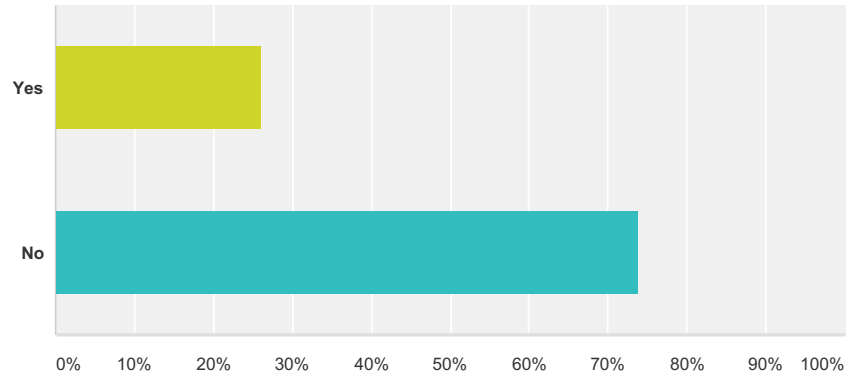
Answer Choices	Responses
Purchase land to preserve open space, natural, and historic areas	28.39% 44
Develop additional indoor gymnasium space	0.65% 1

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Develop additional recreation centers	5.16%	8
Upgrade older parks and recreation facilities	16.13%	25
Upgrade existing youth/adult athletic fields, including new lighting	2.58%	4
Develop new sports fields	0.00%	0
Develop new recreational trails and connect existing trails	19.35%	30
Develop splash pads/spraygrounds	2.58%	4
Provide new programs for youth	3.23%	5
Provide new programs for adults	1.29%	2
Provide new programs for teens	5.16%	8
Provide new programs for seniors	9.03%	14
Add special events	2.58%	4
Other	3.87%	6
Total		155

Q17 Are you aware of the function, work, and performance of the City of Grand Prairie's Commission on Aging?

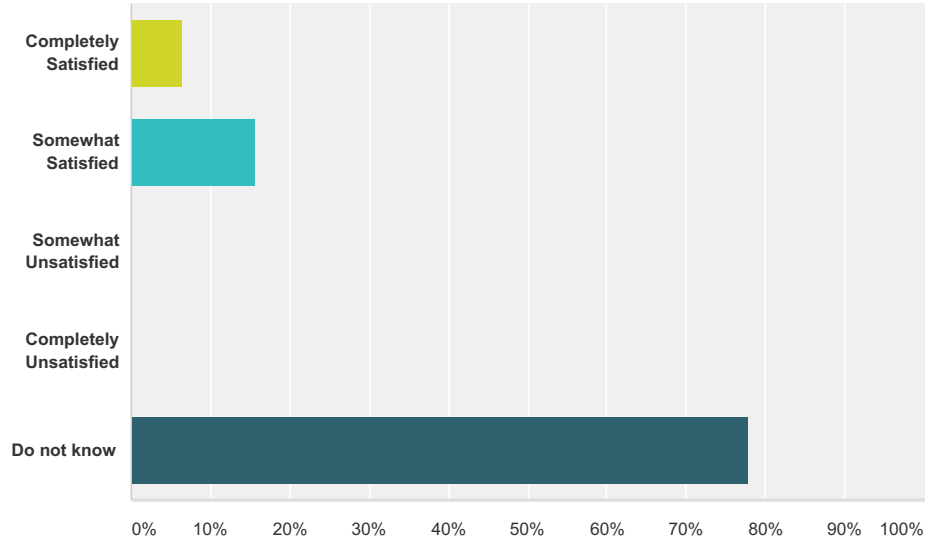
Answered: 157 Skipped: 38



Answer Choices	Responses	
Yes	26.11%	41
No	73.89%	116
Total		157

Q18 How satisfied are you with the performance of the Commission on Aging?

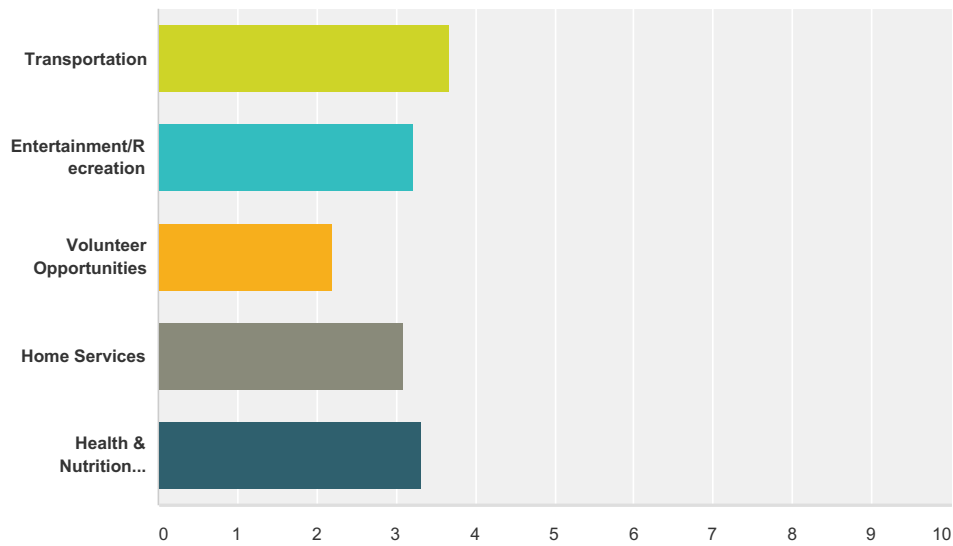
Answered: 153 Skipped: 42



Answer Choices	Responses	
Completely Satisfied	6.54%	10
Somewhat Satisfied	15.69%	24
Somewhat Unsatisfied	0.00%	0
Completely Unsatisfied	0.00%	0
Do not know	77.78%	119
Total		153

Q19 Please rank the importance of the following services for the aging population of Grand Prairie by indicating the numbers that correspond to your ranking with #1 being you highest or most important rank.

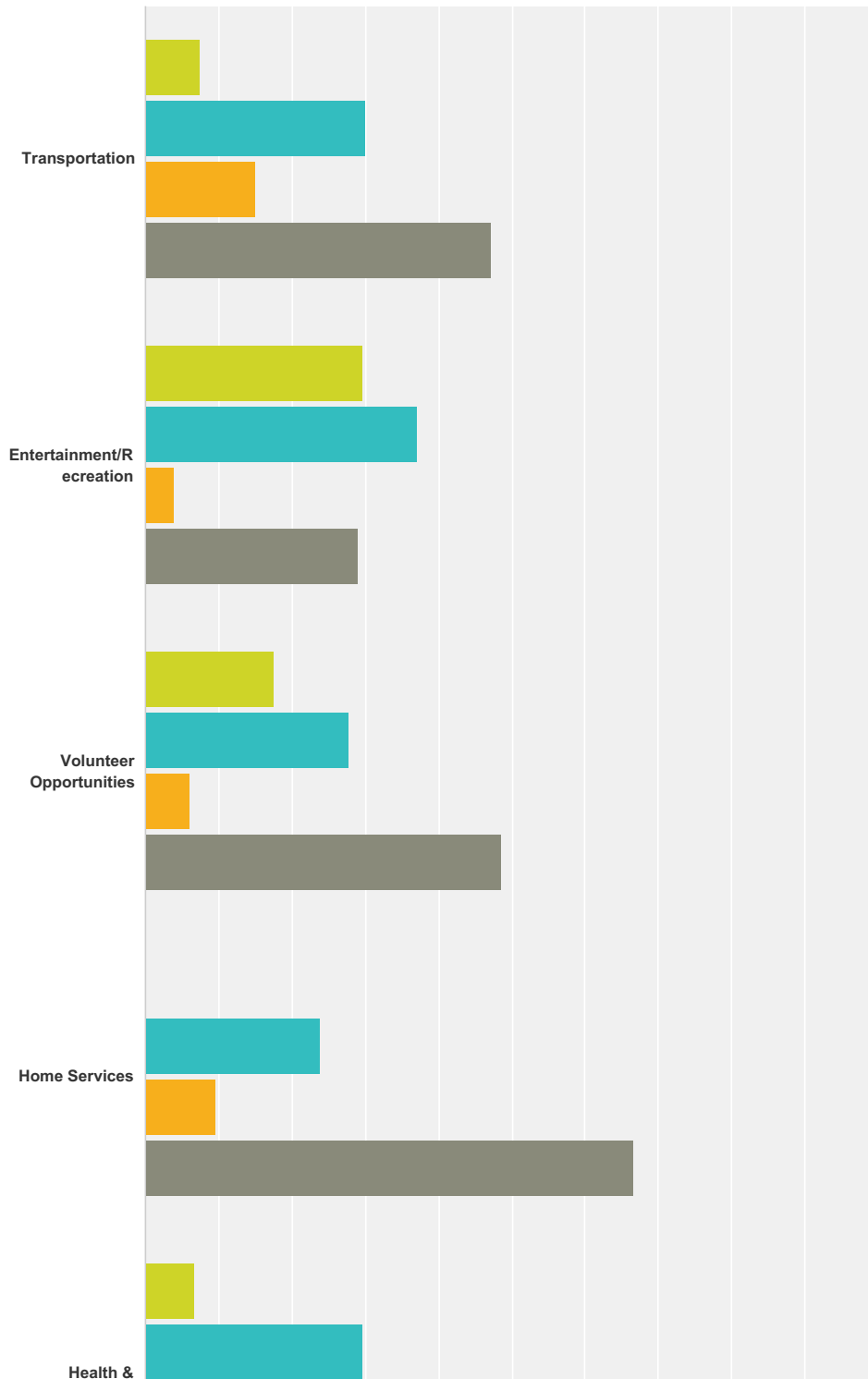
Answered: 145 Skipped: 50



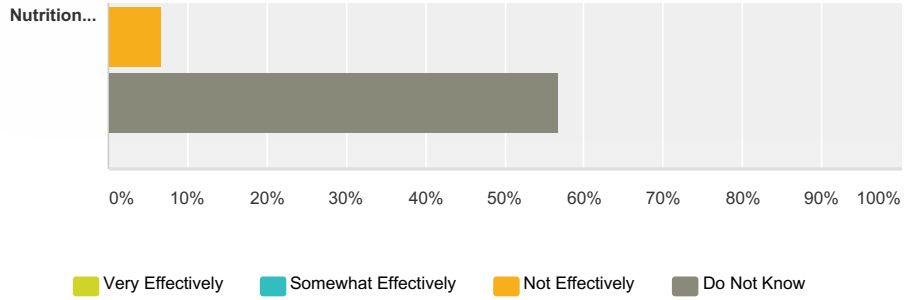
	1	2	3	4	5	Total	Score
Transportation	35.04% 41	25.64% 30	19.66% 23	10.26% 12	9.40% 11	117	3.67
Entertainment/Recreation	30.83% 37	15.00% 18	11.67% 14	29.17% 35	13.33% 16	120	3.21
Volunteer Opportunities	5.74% 7	11.48% 14	21.31% 26	18.85% 23	42.62% 52	122	2.19
Home Services	18.03% 22	22.13% 27	24.59% 30	21.31% 26	13.93% 17	122	3.09
Health & Nutrition Services	22.63% 31	24.82% 34	26.28% 36	13.87% 19	12.41% 17	137	3.31

Q20 Please rate how effectively the City provides the following services for the aging population of Grand Prairie.

Answered: 149 Skipped: 46



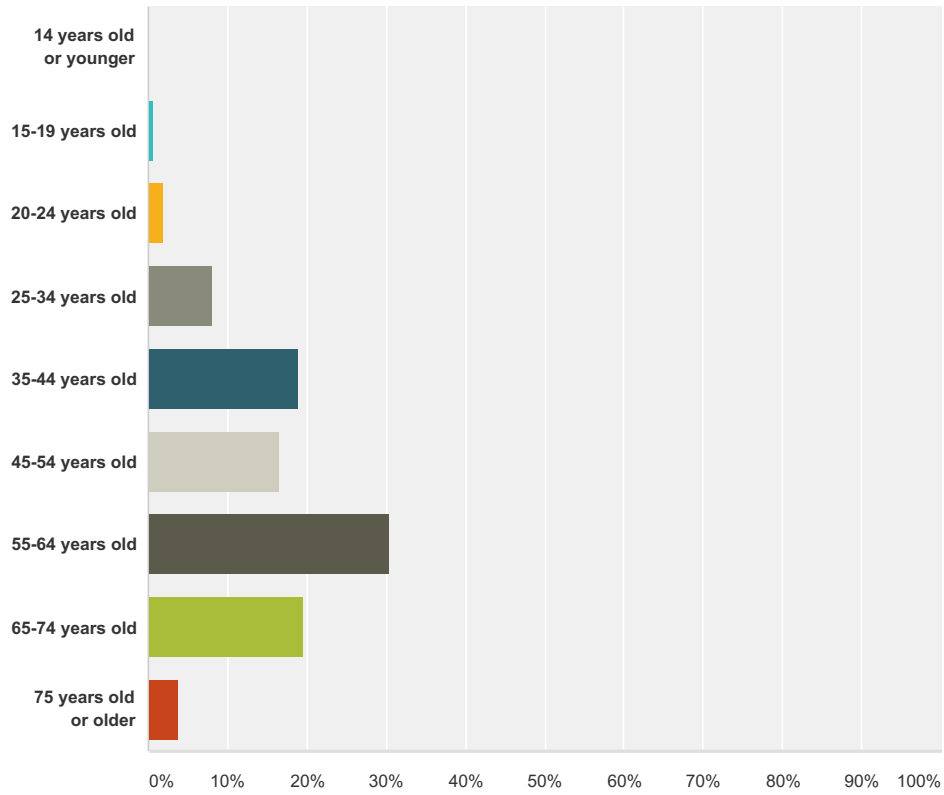
Project Discovery 2026: Creating a Grand Park System Grand Prairie Parks, Arts & Recreation Master Plan Survey



	Very Effectively	Somewhat Effectively	Not Effectively	Do Not Know	Total
Transportation	7.53% 11	30.14% 44	15.07% 22	47.26% 69	146
Entertainment/Recreation	29.73% 44	37.16% 55	4.05% 6	29.05% 43	148
Volunteer Opportunities	17.57% 26	27.70% 41	6.08% 9	48.65% 72	148
Home Services	0.00% 0	23.81% 35	9.52% 14	66.67% 98	147
Health & Nutrition Services	6.76% 10	29.73% 44	6.76% 10	56.76% 84	148

Q21 What is your age?

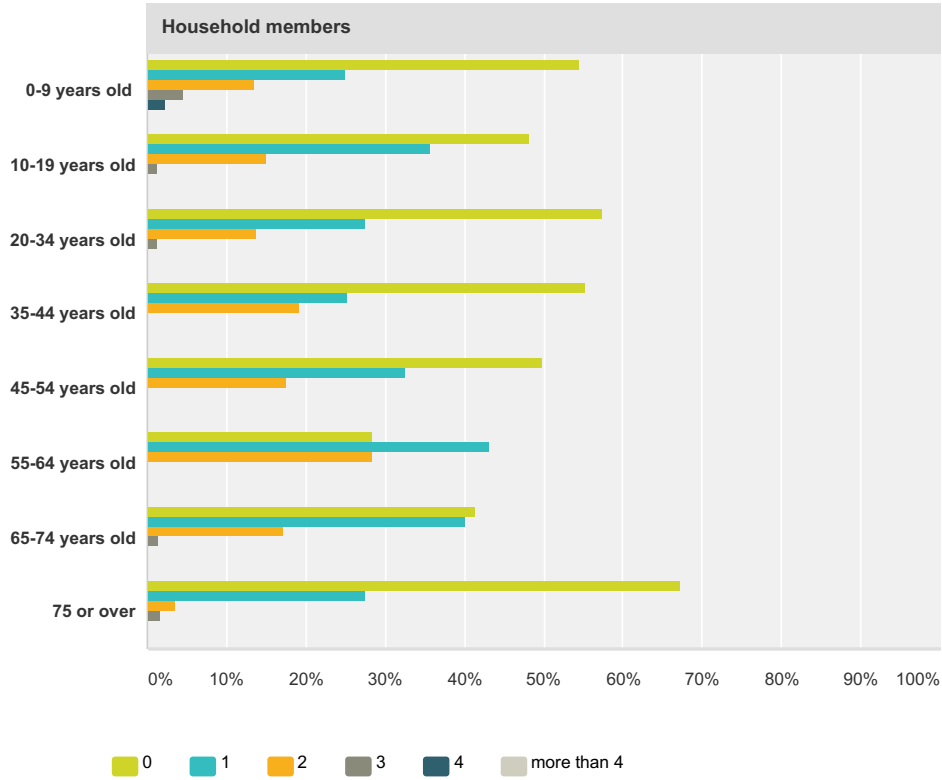
Answered: 158 Skipped: 37



Answer Choices	Responses
14 years old or younger	0.00% 0
15-19 years old	0.63% 1
20-24 years old	1.90% 3
25-34 years old	8.23% 13
35-44 years old	18.99% 30
45-54 years old	16.46% 26
55-64 years old	30.38% 48
65-74 years old	19.62% 31
75 years old or older	3.80% 6
Total	158

Q22 Counting yourself, how many people in your household are of the following ages?

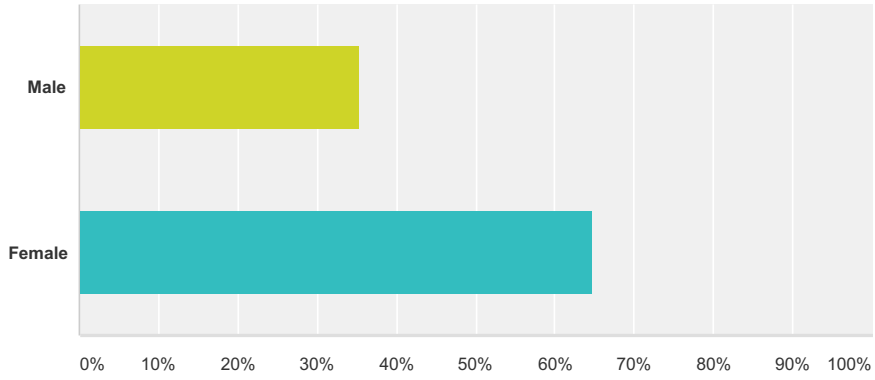
Answered: 156 Skipped: 39



Household members							
	0	1	2	3	4	more than 4	Total
0-9 years old	54.55% 48	25.00% 22	13.64% 12	4.55% 4	2.27% 2	0.00% 0	88
10-19 years old	48.28% 42	35.63% 31	14.94% 13	1.15% 1	0.00% 0	0.00% 0	87
20-34 years old	57.50% 46	27.50% 22	13.75% 11	1.25% 1	0.00% 0	0.00% 0	80
35-44 years old	55.42% 46	25.30% 21	19.28% 16	0.00% 0	0.00% 0	0.00% 0	83
45-54 years old	50.00% 40	32.50% 26	17.50% 14	0.00% 0	0.00% 0	0.00% 0	80
55-64 years old	28.40% 23	43.21% 35	28.40% 23	0.00% 0	0.00% 0	0.00% 0	81
65-74 years old	41.43% 29	40.00% 28	17.14% 12	1.43% 1	0.00% 0	0.00% 0	70
75 or over	67.24% 39	27.59% 16	3.45% 2	1.72% 1	0.00% 0	0.00% 0	58

Q23 What is your gender?

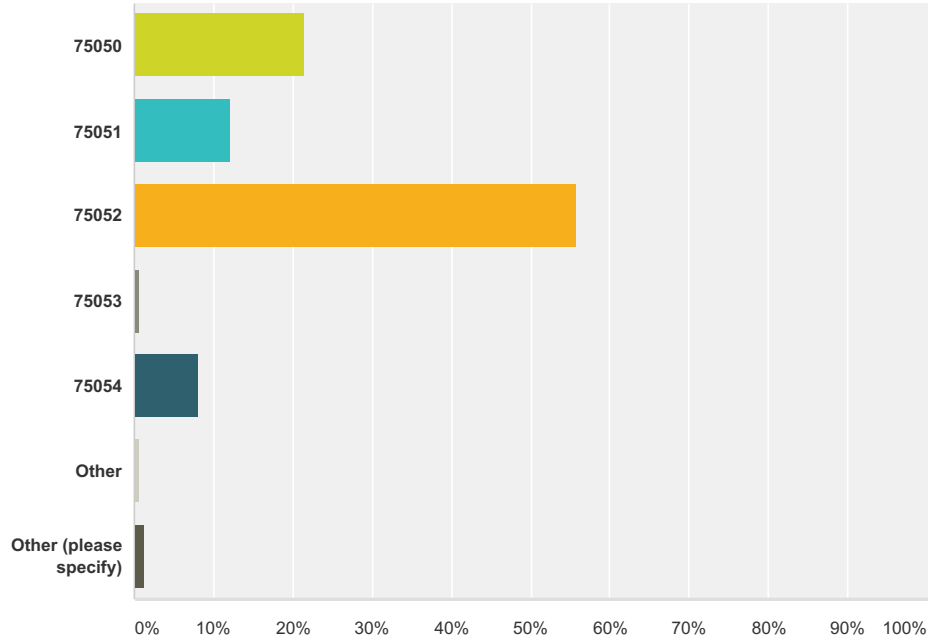
Answered: 156 Skipped: 39



Answer Choices	Responses
Male	35.26% 55
Female	64.74% 101
Total	156

Q24 In which of the following zip codes do you live?

Answered: 158 Skipped: 37



Answer Choices	Responses	
75050	21.52%	34
75051	12.03%	19
75052	55.70%	88
75053	0.63%	1
75054	8.23%	13
Other	0.63%	1
Other (please specify)	1.27%	2
Total		158

Q25 What recommendations would you like for the City of Grand Prairie to consider in the Parks, Arts and Recreation Master Plan? (maximum of 100 characters and spaces)

Answered: 80 Skipped: 115

Q26 Optional - Enter your email address to receive updates about this Master Plan process and future opportunities for involvement.

Answered: 69 Skipped: 126



Appendix H
Capital Improvement Cost Estimates

APPENDIX H - CAPITAL IMPROVEMENT COST ESTIMATES

Park Name	Sector	0-2 Years	3-5 Years	6-10 Years	Total
Regional/City Parks					
Grand Central		4			
1	EPIC Waters Phase II (*Based on Sales Tax Capacity)		*		*
2	PlayGrand Adventure	\$10,000,000	\$0	\$0	\$10,000,000
3	Summit - See Special Use Parks				N/A
4	Relocate skatepark	\$0	\$3,000,000	\$0	\$3,000,000
5	BMX course	\$0	\$400,000	\$0	\$400,000
6	Pump Track	\$0	\$250,000	\$0	\$250,000
7	Water based recreation, Cable Ski Lake	\$0	\$750,000	\$0	\$750,000
8	Fishing access pier/canoe launch	\$0	\$100,000	\$0	\$100,000
9	Entry marquee sign	\$0	\$350,000	\$0	\$350,000
10	Trail expansion (1 mile x 12' wide) includes 2 bridges	\$2,200,000	\$0	\$0	\$2,200,000
11	Add tree plantings	\$0	\$250,000	\$0	\$250,000
12	Add picnic shelters (2 table shelters at main boardw	\$0	\$70,000	\$0	\$70,000
13	Parking lot expansion (50 spaces)	\$0	\$150,000	\$0	\$150,000
14	Add wayfinding signage	\$250,000	\$0	\$0	\$250,000
15	Add railing at boardwalks	\$0	\$300,000	\$0	\$300,000
16	Replace floating fountain (15 H.P.)	\$0	\$50,000	\$0	\$50,000
17	Dredge/add erosion control at Lake 2	\$0	\$100,000	\$0	\$100,000
	Subtotal for Construction	\$12,450,000	\$5,770,000	\$0	\$18,220,000
	Contingency (10%)	\$1,245,000	\$577,000	\$0	\$1,822,000
	Construction Total	\$13,695,000	\$6,347,000	\$0	\$20,042,000
	Design/survey/bidding (12%)	\$1,643,400	\$761,640	\$0	\$2,405,040
	Project Total	\$15,338,400	\$7,108,640	\$0	\$22,447,040
	Inflation Factor (4%)		\$7,392,986	\$0	\$22,731,386
C.P. Waggoner Park		2			
1	ADA access to shelters	\$25,000	\$0	\$0	\$25,000
2	Tennis and pickleball courts	\$80,000	\$0	\$0	\$80,000
3	Asphalt resurfacing of park roads	\$0	\$350,000	\$0	\$350,000
4	Repair concrete curbs	\$0	\$100,000	\$0	\$100,000
5	Add N.W. athletic parking ramp	\$0	\$5,000	\$0	\$5,000
6	Maintenance for park furnishings	\$0	\$100,000	\$0	\$100,000
7	Add new restroom near pavilion	\$250,000	\$0	\$0	\$250,000
8	Add shade structure at T-ball field	\$50,000	\$0	\$0	\$50,000
9	New pavilion (west side)	\$0	\$175,000	\$0	\$175,000
10	Replace irrigation system	\$0	\$0	\$150,000	\$150,000
11	Replace playground equipment	\$0	\$100,000	\$0	\$100,000
12	Replace decking at bridge (30' x 16')	\$0	\$30,000	\$0	\$30,000
13	Replace landscape at park signs/medians	\$100,000	\$0	\$0	\$100,000
14	Repair Johnson Creek bridge abutment	\$0	\$250,000	\$0	\$250,000
	Subtotal for Construction	\$505,000	\$1,110,000	\$150,000	\$1,765,000
	Contingency (10%)	\$50,500	\$111,000	\$15,000	\$176,500
	Construction Total	\$555,500	\$1,221,000	\$165,000	\$1,941,500
	Design/survey/bidding (12%)	\$66,660	\$146,520	\$19,800	\$232,980
	Project Total	\$622,160	\$1,367,520	\$184,800	\$2,174,480
	With Inflation Factor (4%)		\$1,422,221	\$199,880	\$2,244,260
McFalls Park		5			
Southwest Area					
1	Southwest area playground replacement	\$0	\$0	\$200,000	\$200,000
2	Road repairs in southwest area	\$0	\$150,000	\$0	\$150,000
3	Streambank stabilization	\$300,000	\$0	\$0	\$300,000
4	Add safety railing on bridges	\$15,000	\$0	\$0	\$15,000
5	Sidewalk to swing areas	\$0	\$5,000	\$0	\$5,000
6	ADA access to bridges	\$10,000	\$0	\$0	\$10,000
West Area					
7	McFalls Building renovation/add signage	\$0	\$250,000	\$0	\$250,000
8	Pool and bathhouse replacement	\$0	\$3,500,000	\$0	\$3,500,000

Park Name		Sector	0-2 Years	3-5 Years	6-10 Years	Total
9	Scoreboard structure replacement		\$150,000	\$0	\$0	\$150,000
10	Playground replacement		\$150,000	\$0	\$0	\$150,000
11	Replace park sign at Carrier Pkwy.		\$0	\$25,000	\$0	\$25,000
12	Add concrete loop trail		\$0	\$750,000	\$0	\$750,000
13	Remove/replace pedestrian bridge (75' long)		\$0	\$165,000	\$0	\$165,000
14	Park sign at Dickey and 3rd		\$0	\$25,000	\$0	\$25,000
15	Add pickleball courts		\$40,000	\$0	\$0	\$40,000
16	Pond dredging/enhancement		\$0	\$100,000	\$0	\$100,000
17	Add picnic shelters east of pool		\$100,000	\$0	\$0	\$100,000
18	Upgrade Fields 1, 5 & 6 lighting		\$0	\$300,000	\$0	\$300,000
19	Tree replacement		\$0	\$40,000	\$0	\$40,000
Subtotal for Construction			\$765,000	\$5,310,000	\$200,000	\$6,275,000
Contingency (10%)			\$76,500	\$531,000	\$20,000	\$627,500
Construction Total			\$841,500	\$5,841,000	\$220,000	\$6,902,500
Design/survey/bidding (12%)			\$100,980	\$700,920	\$26,400	\$828,300
Project Total			\$942,480	\$6,541,920	\$246,400	\$7,730,800
With Inflation Factor (4%)				\$6,803,597	\$266,506	\$8,012,583
Mike Lewis Park		2				
1	Restroom near large shelter/playground		\$0	\$250,000	\$0	\$250,000
2	Replace post & cable fence with alternative fencing		\$0	\$450,000	\$0	\$450,000
3	Repair surface drainage at maintenance area		\$50,000	\$0	\$0	\$50,000
4	Replace fitness station equipment		\$70,000	\$0	\$0	\$70,000
5	Add shade canopy at playground		\$100,000	\$0	\$0	\$100,000
6	Replace benches at playground		\$0	\$6,000	\$0	\$6,000
7	Replace playground surfacing with poured-in-place		\$0	\$70,000	\$0	\$70,000
8	Add splash pad		\$0	\$600,000	\$0	\$600,000
9	Ball fields drainage improvements		\$100,000	\$0	\$0	\$100,000
10	Add spectator shade		\$400,000	\$0	\$0	\$400,000
11	Replace dugout shade		\$160,000	\$0	\$0	\$160,000
12	Convert athletic fields to artificial turf (all infields)		\$0	\$960,000	\$0	\$960,000
13	Upgrade field lighting		\$0	\$500,000	\$0	\$500,000
14	Upgrade field irrigation (for turf cooling)		\$0	\$60,000	\$0	\$60,000
15	Add concrete drive to Concession Area		\$0	\$0	\$40,000	\$40,000
16	Add pickleball courts		\$80,000	\$0	\$0	\$80,000
17	Dredge pond/add enhancements		\$0	\$90,000	\$0	\$90,000
18	Replace fencing at Equestrian Area		\$0	\$0	\$50,000	\$50,000
19	Replace scoreboards		\$40,000	\$0	\$0	\$40,000
20	Regrade/irrigate soccer fields (east of ball fields)		\$0	\$60,000	\$0	\$60,000
21	Improve drainage near pavilion		\$10,000	\$0	\$0	\$10,000
22	Replace fishing pier		\$0	\$50,000	\$0	\$50,000
23	Paint boardwalk railing (Good Link)		\$15,000	\$0	\$0	\$15,000
24	Replace asphalt road w/concrete (2,500 SF x 12')		\$400,000	\$0	\$0	\$400,000
25	Picnic table maintenance/replacements		\$0	\$50,000	\$0	\$50,000
26	Grill maintenance/replacements		\$0	\$10,000	\$0	\$10,000
27	Bench maintenance/replacements		\$0	\$20,000	\$0	\$20,000
28	Trash receptacle maintenance/replacements		\$0	\$20,000	\$0	\$20,000
Subtotal for Construction			\$1,425,000	\$3,196,000	\$90,000	\$4,711,000
Contingency (10%)			\$142,500	\$319,600	\$9,000	\$471,100
Construction Total			\$1,567,500	\$3,515,600	\$99,000	\$5,182,100
Design/survey/bidding (12%)			\$188,100	\$421,872	\$11,880	\$621,852
Project Total			\$1,755,600	\$3,937,472	\$110,880	\$5,803,952
With Inflation Factor (4%)				\$4,094,971	\$119,928	\$5,970,499
Mountain Creek Lake Park		5				
1	Sign at northern access		\$25,000	\$0	\$0	\$25,000
2	Playground replacement		\$0	\$0	\$150,000	\$150,000
3	Replace post & cable fence with alternative fencing		\$190,000	\$0	\$0	\$190,000
4	Repair concrete trail		\$300,000	\$0	\$0	\$300,000

Park Name		Sector	0-2 Years	3-5 Years	6-10 Years	Total
5	Add Splash pad		\$0	\$0	\$500,000	\$500,000
6	Add 9-Hole Disc Golf		\$0	\$0	\$25,000	\$25,000
7	Add 2nd basketball court		\$0	\$40,000	\$0	\$40,000
8	Add practice field backstop		\$0	\$0	\$25,000	\$25,000
9	Renovate existing pavilion		\$50,000	\$0	\$0	\$50,000
10	Add pickleball courts		\$0	\$50,000	\$0	\$50,000
11	Expand parking		\$300,000	\$0	\$0	\$300,000
12	Add 2 pavilions		\$150,000	\$0	\$0	\$150,000
13	Add stone seating (south area)		\$0	\$20,000	\$0	\$20,000
14	Add lighting		\$0	\$0	\$200,000	\$200,000
15	Add erosion control at lake edge (South)		\$0	\$40,000	\$0	\$40,000
Subtotal for Construction			\$1,015,000	\$150,000	\$900,000	\$2,065,000
Contingency (10%)			\$101,500	\$15,000	\$90,000	\$206,500
Construction Total			\$1,116,500	\$165,000	\$990,000	\$2,271,500
Design/survey/bidding (12%)			\$133,980	\$19,800	\$118,800	\$272,580
Project Total			\$1,250,480	\$184,800	\$1,108,800	\$2,544,080
With Inflation Factor (4%)				\$192,192	\$1,199,278	\$2,641,950
Turner Park		5				
1	Park Master Plan*		\$0	\$120,000	\$0	\$120,000
2	Playground replacement		\$0	\$200,000	\$0	\$200,000
3	Gazebo improvements		\$30,000	\$0	\$0	\$30,000
4	Restroom building near shelter		\$0	\$250,000	\$0	\$250,000
5	Disc golf tee box improvements and signs		\$50,000	\$0	\$0	\$50,000
6	Road repaving		\$850,000	\$0	\$0	\$850,000
7	Pond dredging		\$100,000	\$0	\$0	\$100,000
8	Walks to gazebos		\$7,500	\$0	\$0	\$7,500
9	Streambank erosion		\$160,000	\$0	\$0	\$160,000
10	Park Signs (Beltline at Park Square and Tarrant at NE		\$50,000	\$0	\$0	\$50,000
11	Replace bridge railing at pond		\$50,000	\$0	\$0	\$50,000
12	Add benches at /Outdoor Learning Center		\$0	\$10,000	\$0	\$10,000
13	Repair retaining wall at Tarrant/Beltline Rd.		\$0	\$75,000	\$0	\$75,000
14	Improve path to Outdoor Learning Center		\$23,400	\$0	\$0	\$23,400
15	Add landscaping		\$200,000	\$0	\$0	\$200,000
16	Replace historical sign plaque		\$0	\$5,000	\$0	\$5,000
17	Add irrigation around Women's Building		\$0	\$20,000	\$0	\$20,000
18	Arboretum improvements		\$500,000	\$0	\$0	\$500,000
Subtotal for Construction			\$2,020,900	\$560,000	\$0	\$2,580,900
Contingency (10%)			\$202,090	\$56,000	\$0	\$258,090
Construction Total			\$2,222,990	\$616,000	\$0	\$2,838,990
Design/survey/bidding (12%)			\$266,759	\$73,920	\$0	\$340,679
Project Total*			\$2,489,749	\$809,920	\$0	\$3,299,669
With Inflation Factor (4%)				\$842,317	\$0	\$3,332,066
Community Parks						
Bowles Park		5				
1	Upgrade and expand pool & bathhouse - add splash pad		\$4,000,000	\$0	\$0	\$4,000,000
2	Add restroom at pavilion		\$0	\$250,000	\$0	\$250,000
3	ADA access to grills		\$4,000	\$0	\$0	\$4,000
4	Replace playground		\$150,000	\$0	\$0	\$150,000
5	Upgrade Jordan-Bowles home for rentals		\$0	\$200,000	\$0	\$200,000
6	Shotwell Center improvements - 3100 SF		\$0	\$750,000	\$0	\$750,000
7	Landscaping improvements at main entry		\$20,000	\$0	\$0	\$20,000
8	Boxing Room improvements (1,900 s.f.)			\$75,000	\$0	\$75,000
9	Repurpose Laundry Room (1,200 s.f.)			\$25,000	\$0	\$25,000
10	Add aerobic floor in Laundry Room			\$10,000	\$0	\$10,000
11	Add partition in kitchen to allow both meeting use			\$7,500	\$0	\$7,500
12	Front desk improvement					\$0

Park Name		Sector	0-2 Years	3-5 Years	6-10 Years	Total
13	Drainage improvements at pond/spillway		\$0	\$720,000	\$0	\$720,000
14	Dredge pond - Reshape edge		\$0	\$50,000	\$0	\$50,000
15	Add 2 sand volleyball courts		\$0	\$0	\$40,000	\$40,000
16	Add fitness station & equipment along trail		\$0	\$60,000	\$0	\$60,000
17	Upgrade multipurpose courts (inside shelter)		\$0	\$50,000	\$0	\$50,000
18	Add lighting to some segments of trail		\$0	\$0	\$80,000	\$80,000
19	Upgrade practice fields with artificial turf		\$0	\$800,000	\$0	\$800,000
20	Replace roof panels at large pavilion		\$70,000	\$0	\$0	\$70,000
21	Add shelter on west side of park		\$0	\$125,000	\$0	\$125,000
22	New bike rack		\$0	\$2,000	\$0	\$2,000
	Subtotal for Construction		\$4,244,000	\$3,124,500	\$120,000	\$7,488,500
	Contingency (10%)		\$424,400	\$312,450	\$12,000	\$748,850
	Construction Total		\$4,668,400	\$3,436,950	\$132,000	\$8,237,350
	Design/survey/bidding (12%)		\$560,208	\$412,434	\$15,840	\$988,482
	Project Total		\$5,228,608	\$3,849,384	\$147,840	\$9,225,832
	With Inflation Factor (4%)			\$4,003,359	\$159,904	\$9,391,871
Charley Taylor Park		5				
1	Splash Factory expansion		\$500,000	\$0	\$0	\$500,000
2	Repainting shade shelter posts		\$25,000	\$0	\$0	\$25,000
3	Replace seatwall tops at ballfields		\$6,000	\$0	\$0	\$6,000
4	Upgrade bleachers		\$0	\$225,000	\$0	\$225,000
5	Improve field turf		\$0	\$15,000	\$0	\$15,000
6	Irrigation system upgrade		\$0	\$0	\$90,000	\$90,000
7	Replace existing fencing		\$0	\$0	\$90,000	\$90,000
8	Replace field lighting		\$0	\$0	\$600,000	\$600,000
9	Replace/renovate restroom		\$0	\$0	\$225,000	\$225,000
10	Replace park signage		\$0	\$25,000	\$0	\$25,000
11	Add landscaping		\$0	\$50,000	\$0	\$50,000
12	Renovate parking lots		\$250,000	\$0	\$0	\$250,000
13	Add mini-soccer field w/Irrigation		\$0	\$35,000	\$0	\$35,000
14	Add park road extension/improvements		\$200,000	\$0	\$0	\$200,000
15	Demolish/replace and enlarge Concession Stand - remove containers		\$300,000	\$0	\$0	\$300,000
16	Replace scoreboards		\$0	\$0	\$45,000	\$45,000
17	Add walking trail		\$0	\$145,000	\$0	\$145,000
	Subtotal for Construction		\$1,281,000	\$495,000	\$1,050,000	\$2,826,000
	Contingency (10%)		\$128,100	\$49,500	\$105,000	\$282,600
	Construction Total		\$1,409,100	\$544,500	\$1,155,000	\$3,108,600
	Design/survey/bidding (12%)		\$169,092	\$65,340	\$138,600	\$373,032
	Project Total		\$1,578,192	\$609,840	\$1,293,600	\$3,481,632
	With Inflation Factor (4%)			\$634,234	\$1,399,158	\$3,611,583
Freedom Park		6				
1	Master Plan*		\$60,000	\$0	\$0	\$60,000
2	Renovate/upgrade fields 1-3 with fencing		\$900,000	\$0	\$0	\$900,000
3	Relight fields 1 & 2		\$500,000	\$0	\$0	\$500,000
4	Sidewalks to fields		\$24,000	\$0	\$0	\$24,000
5	Drain area behind Fields 1-2 backstops		\$18,000	\$0	\$0	\$18,000
6	Park sign		\$25,000	\$0	\$0	\$25,000
7	Coffeeville Road walks replacement		\$15,000	\$0	\$0	\$15,000
8	Add landscaping		\$100,000	\$0	\$0	\$100,000
9	Upgrade walking trail from 4' to 8' width		\$250,000	\$0	\$0	\$250,000
10	Replace drinking water fountain		\$0	\$4,000	\$0	\$4,000
11	Replace bleachers		\$0	\$150,000	\$0	\$150,000
12	Add restroom - portable /with shelter		\$0	\$120,000	\$0	\$120,000
13	Add picnic shelter		\$100,000	\$0	\$0	\$100,000
14	Replace irrigation system at ballfields		\$90,000	\$0	\$0	\$90,000
15	New playground		\$150,000	\$0	\$0	\$150,000

Park Name		Sector	0-2 Years	3-5 Years	6-10 Years	Total
Subtotal for Construction			\$2,172,000	\$274,000	\$0	\$2,446,000
Contingency (10%)			\$217,200	\$27,400	\$0	\$244,600
Construction Total			\$2,389,200	\$301,400	\$0	\$2,690,600
Design/survey/bidding (12%)			\$286,704	\$36,168	\$0	\$322,872
Project Total*			\$2,735,904	\$337,568	\$0	\$3,073,472
With Inflation Factor (4%)				\$351,071	\$0	\$3,086,975
Parkhill Park		6				
1	Expand park land to the south (25 acres)		\$2,500,000	\$0	\$0	\$2,500,000
2	Fourth football field (artificial turf)		\$0	\$1,200,000	\$0	\$1,200,000
3	Add fencing around 4th field		\$0	\$120,000	\$0	\$120,000
4	Add trees/landscaping		\$0	\$50,000	\$0	\$50,000
5	Extend walking trail around park - Paved		\$0	\$210,000	\$0	\$210,000
6	Provide parking lot striping		\$0	\$15,000	\$0	\$15,000
7	Upgrade entrance gate		\$0	\$30,000	\$0	\$30,000
8	Improve scoreboards		\$0	\$45,000	\$0	\$45,000
9	Add parking (40+ spaces)		\$40,000	\$0	\$0	\$40,000
10	Add lighting at the 2 west football fields		\$500,000	\$0	\$0	\$500,000
11	Convert Field 3 to artificial turf		\$0	\$850,000	\$0	\$850,000
12	Expand bleachers/replace shade over bleachers		\$0	\$600,000	\$0	\$600,000
13	Replace playground		\$0	\$200,000	\$0	\$200,000
Subtotal for Construction			\$3,040,000	\$3,320,000	\$0	\$6,360,000
Contingency (10%)			\$304,000	\$332,000	\$0	\$636,000
Construction Total			\$3,344,000	\$3,652,000	\$0	\$6,996,000
Design/survey/bidding (12%)			\$401,280	\$438,240	\$0	\$839,520
Project Total			\$3,745,280	\$4,090,240	\$0	\$7,835,520
With Inflation Factor (4%)				\$4,253,850	\$0	\$7,999,130
Prairie Park		5				
1	Master Plan*		\$50,000	\$0	\$0	\$50,000
2	Rugby field		\$80,000	\$0	\$0	\$80,000
3	Cricket pitch		\$100,000	\$0	\$0	\$100,000
4	Parking lots		\$600,000	\$0	\$0	\$600,000
5	Restroom building		\$200,000	\$0	\$0	\$200,000
6	Signage		\$25,000	\$0	\$0	\$25,000
7	Perimeter walking trails		\$122,500	\$0	\$0	\$122,500
8	Add shelters/pavilions		\$200,000	\$0	\$0	\$200,000
9	Add irrigation system		\$0	\$60,000	\$0	\$60,000
10	Renovate athletic field (Pine & Dabney)		\$0	\$50,000	\$0	\$50,000
11	Remove old building foundations (40 lots)		\$200,000	\$0	\$0	\$200,000
12	Fencing replacement (park like)		\$570,000	\$0	\$0	\$570,000
Subtotal for Construction			\$2,097,500	\$110,000	\$0	\$2,207,500
Contingency (10%)			\$209,750	\$11,000	\$0	\$220,750
Construction Total			\$2,307,250	\$121,000	\$0	\$2,428,250
Design/survey/bidding (12%)			\$276,870	\$14,520	\$0	\$291,390
Project Total*			\$2,634,120	\$135,520	\$0	\$2,769,640
With Inflation Factor (4%)				\$140,941	\$0	\$2,775,061
Tyre Park		4				0
1	Playground replacement		\$0	\$120,000	\$0	\$120,000
2	Basketball shelter improvements		\$0	\$50,000	\$0	\$50,000
3	Upper basketball improvements		\$0	\$200,000	\$0	\$200,000
4	Retaining wall repairs		\$0	\$20,000	\$0	\$20,000
5	Pool replacement - Redesign area to move up from the floodplain		\$0	\$3,500,000	\$0	\$3,500,000
6	New parking for relocated pool		\$25,000		\$0	\$25,000
7	Replace upper shelter (wave) and pad		\$80,000	\$0	\$0	\$80,000
8	Walk to upper shelter		\$2,000	\$0	\$0	\$2,000
9	Pond dredging/recontour edge (+/- 1 acre)		\$0	\$200,000	\$0	\$200,000
10	Walkway repairs around pond		\$0	\$20,000	\$0	\$20,000

Park Name		Sector	0-2 Years	3-5 Years	6-10 Years	Total
11	Add walking trail loop (+/- 1/4 mile)		\$0	\$45,500	\$0	\$45,500
12	Remove/replace two (2) park signs		\$20,000	\$0	\$0	\$20,000
13	Replace football goals		\$0	\$10,000	\$0	\$10,000
Subtotal for Construction			\$127,000	\$4,165,500	\$0	\$4,292,500
Contingency (10%)			\$12,700	\$416,550	\$0	\$429,250
Construction Total			\$139,700	\$4,582,050	\$0	\$4,721,750
Design/survey/bidding (12%)			\$16,764	\$549,846	\$0	\$566,610
Project Total			\$156,464	\$5,131,896	\$0	\$5,288,360
With Inflation Factor (4%)				\$5,337,172	\$0	\$5,493,636
Neighborhood Parks						
Bear Creek South Park		2				
1	Expansion Master Plan to Community Park*		\$25,000	\$0	\$0	\$25,000
2	Expand land holdings*		\$0	\$100,000	\$0	\$100,000
3	Improve drainage at basketball court		\$0	\$5,000	\$0	\$5,000
4	Connect trail to neighborhood sidewalk (500' x 4')		\$0	\$0	\$25,000	\$25,000
5	Neighborhood Center		\$0	\$0	\$500,000	\$500,000
6	Resurface basketball court		\$0	\$20,000	\$0	\$20,000
7	Replace playground		\$0	\$120,000	\$0	\$120,000
8	Improve drainage/Sediment Removal		\$0	\$25,000	\$0	\$25,000
9	Irrigation Improvements		\$0	\$20,000	\$0	\$20,000
10	Picnic table maintenance/replacements		\$0	\$10,000	\$0	\$10,000
Subtotal for Construction			\$0	\$200,000	\$525,000	\$725,000
Contingency (10%)			\$0	\$20,000	\$52,500	\$72,500
Construction Total			\$0	\$220,000	\$577,500	\$797,500
Design/survey/bidding (12%)			\$0	\$26,400	\$69,300	\$95,700
Project Total*			\$25,000	\$346,400	\$646,800	\$1,018,200
With Inflation Factor (4%)				\$360,256	\$699,579	\$1,084,835
Bradshaw Park		5				
1	Replace playground		\$0	\$100,000	\$0	\$100,000
2	Improve ballfield drainage		\$0	\$10,000	\$0	\$10,000
3	Additional lighting		\$30,000	\$0	\$0	\$30,000
4	Walkway from parking to ballfield		\$6,400	\$0	\$0	\$6,400
5	Picnic table maintenance/replacements		\$0	\$10,000	\$0	\$10,000
6	Grill Maintenance/Replacements		\$0	\$1,000	\$0	\$1,000
7	Parking lot striping		\$0	\$3,000	\$0	\$3,000
8	Add irrigation system		\$0	\$0	\$35,000	\$35,000
9	Add restroom at pavilion		\$0	\$0	\$250,000	\$250,000
10	Add large pavilion		\$0	\$0	\$150,000	\$150,000
11	Add walking trail		\$76,500	\$0	\$0	\$76,500
12	Resurface basketball court		\$0	\$0	\$20,000	\$20,000
Subtotal for Construction			\$112,900	\$124,000	\$455,000	\$691,900
Contingency (10%)			\$11,290	\$12,400	\$45,500	\$69,190
Construction Total			\$124,190	\$136,400	\$500,500	\$761,090
Design/survey/bidding (12%)			\$14,903	\$16,368	\$60,060	\$91,331
Project Total			\$139,093	\$152,768	\$560,560	\$852,421
With Inflation Factor (4%)				\$158,879	\$606,302	\$904,273
Fish Creek Forest Preserve		5				
1	Fence replacement at culvert crossing		\$5,000	\$0	\$0	\$5,000
2	Replace benches		\$0	\$10,000	\$0	\$10,000
3	Playground drainage		\$10,000	\$0	\$0	\$10,000
4	ADA access to grill		\$500	\$0	\$0	\$500
5	Add multipurpose court		\$0	\$30,000	\$0	\$30,000
6	Add low water crossing for access to south park lan		\$0	\$0	\$25,000	\$25,000
7	Replace roof panels at large pavilion		\$0	\$0	\$25,000	\$25,000
8	Add natural soft trail surface south of creek		\$0	\$72,000	\$0	\$72,000
9	Upgrade existing concrete trail		\$0	\$80,000	\$0	\$80,000
Subtotal for Construction			\$15,500	\$192,000	\$50,000	\$257,500

Park Name		Sector	0-2 Years	3-5 Years	6-10 Years	Total
Contingency (10%)			\$1,550	\$19,200	\$5,000	\$25,750
Construction Total			\$17,050	\$211,200	\$55,000	\$283,250
Design/survey/bidding (12%)			\$2,046	\$25,344	\$6,600	\$33,990
Project Total			\$19,096	\$236,544	\$61,600	\$317,240
With Inflation Factor (4%)				\$246,006	\$66,627	\$331,728
Friendship Park		6				
1	Shelter replacement		\$0	\$80,000	\$0	\$80,000
2	ADA access to grills		\$1,000	\$0	\$0	\$1,000
3	Reclaim/enhance pond		\$0	\$250,000	\$0	\$250,000
4	Expand trail to Carrier Pkwy.		\$0	\$0	\$43,200	\$43,200
5	Expand parking		\$15,000	\$0	\$0	\$15,000
6	Replace restroom		\$0	\$250,000	\$0	\$250,000
7	Add lighting at tennis courts		\$150,000	\$0	\$0	\$150,000
8	Resurface basketball court		\$0	\$10,000	\$0	\$10,000
9	Replace playground		\$0	\$0	\$150,000	\$150,000
Subtotal for Construction			\$166,000	\$590,000	\$193,200	\$949,200
Contingency (10%)			\$16,600	\$59,000	\$19,320	\$94,920
Construction Total			\$182,600	\$649,000	\$212,520	\$1,044,120
Design/survey/bidding (12%)			\$21,912	\$77,880	\$25,502	\$125,294
Project Total			\$204,512	\$726,880	\$238,022	\$1,169,414
With Inflation Factor (4%)				\$755,955	\$257,445	\$1,217,912
Hill Street Park		4				
1	Master Plan		\$50,000	\$0	\$0	\$50,000
2	Playground replacement		\$150,000	\$0	\$0	\$150,000
3	Repave/improve roads		\$0	\$500,000	\$0	\$500,000
4	Add loop trail		\$0	\$256,000	\$0	\$256,000
5	Add picnic shelters		\$0	\$200,000	\$0	\$200,000
6	Add Disc Golf course		\$0	\$75,000	\$0	\$75,000
7	Add trees		\$0	\$25,000	\$0	\$25,000
8	Drainage improvements		\$0	\$0	\$50,000	\$50,000
9	Add park sign at entry		\$0	\$50,000	\$0	\$50,000
10	Add parking lot striping		\$0	\$5,000	\$0	\$5,000
11	Replace backstop		\$25,000	\$0	\$0	\$25,000
Subtotal for Construction			\$175,000	\$1,111,000	\$50,000	\$1,336,000
Contingency (10%)			\$17,500	\$111,100	\$5,000	\$133,600
Construction Total			\$192,500	\$1,222,100	\$55,000	\$1,469,600
Design/survey/bidding (12%)			\$23,100	\$146,652	\$6,600	\$176,352
Project Total			\$265,600	\$1,368,752	\$61,600	\$1,695,952
With Inflation Factor (4%)				\$1,423,502	\$66,627	\$1,755,729
Holland Street Park		4				
1	Master Plan*		\$0	\$20,000	\$0	\$20,000
2	Determine future use			N/A		N/A
3	Add multipurpose court		\$0	\$30,000	\$0	\$30,000
4	Add sand volleyball court		\$0	\$20,000	\$0	\$20,000
5	Add playground		\$0	\$120,000	\$0	\$120,000
6	Add picnic shelter		\$0	\$100,000	\$0	\$100,000
Subtotal for Construction			\$0	\$270,000	\$0	\$270,000
Contingency (10%)			\$0	\$27,000	\$0	\$27,000
Construction Total			\$0	\$297,000	\$0	\$297,000
Design/survey/bidding (12%)			\$0	\$35,640	\$0	\$35,640
Project Total*			\$0	\$352,640	\$0	\$352,640
With Inflation Factor (4%)				\$366,746	\$0	\$366,746
Live Oak Park		5				
1	Replace playground		\$0	\$100,000	\$0	\$100,000
2	Improve court		\$0	\$20,000	\$0	\$20,000
3	Add loop trail - (200 LF x 6' wide concrete)		\$0	\$10,000	\$0	\$10,000

Park Name		Sector	0-2 Years	3-5 Years	6-10 Years	Total
Subtotal for Construction			\$0	\$130,000	\$0	\$130,000
Contingency (10%)			\$0	\$13,000	\$0	\$13,000
Construction Total			\$0	\$143,000	\$0	\$143,000
Design/survey/bidding (12%)			\$0	\$17,160	\$0	\$17,160
Project Total			\$0	\$160,160	\$0	\$160,160
Inflation Factor (4%)				\$166,566	\$0	\$166,566
Lyndon B. Johnson Park		5				
1	Add shelter		\$100,000	\$0	\$0	\$100,000
2	Expand walking trail		\$104,000	\$0	\$0	\$104,000
3	Add playground		\$100,000	\$0	\$0	\$100,000
4	Add park sign		\$10,000	\$0	\$0	\$10,000
5	Add trees		\$10,000	\$0	\$0	\$10,000
6	Add multipurpose court		\$30,000	\$0	\$0	\$30,000
Subtotal for Construction			\$354,000	\$0	\$0	\$354,000
Contingency (10%)			\$35,400	\$0	\$0	\$35,400
Construction Total			\$389,400	\$0	\$0	\$389,400
Design/survey/bidding (12%)			\$46,728	\$0	\$0	\$46,728
Project Total			\$436,128	\$0	\$0	\$436,128
With Inflation Factor (4%)				\$0	\$0	\$436,128
Winsum Park		6				
1	Playground drainage		\$10,000	\$0	\$0	\$10,000
2	Playground replacement		\$0	\$150,000	\$0	\$150,000
3	Replace practice backstops		\$60,000	\$0	\$0	\$60,000
4	Walkway to ballfields		\$20,000	\$0	\$0	\$20,000
5	Replace post & cable fence with alternative fencing		\$50,000	\$0	\$0	\$50,000
6	Add picnic shelter		\$80,000	\$0	\$0	\$80,000
7	Provide parking lot striping		\$0	\$5,000	\$0	\$5,000
8	Expand parking		\$0	\$20,000	\$0	\$20,000
Subtotal for Construction			\$220,000	\$175,000	\$0	\$395,000
Contingency (10%)			\$22,000	\$17,500	\$0	\$39,500
Construction Total			\$242,000	\$192,500	\$0	\$434,500
Design/survey/bidding (12%)			\$29,040	\$23,100	\$0	\$52,140
Project Total			\$271,040	\$215,600	\$0	\$486,640
With Inflation Factor (4%)				\$224,224	\$0	\$495,264
Mini Parks						
Hendrix Park		5				
1	Signage		\$10,000	\$0	\$0	\$10,000
2	Walkways around perimeter		\$64,000	\$0	\$0	\$64,000
3	Walk from SE 14th St		\$16,000	\$0	\$0	\$16,000
4	Playground replacement		\$100,000	\$0	\$0	\$100,000
5	Add picnic shelter		\$100,000	\$0	\$0	\$100,000
6	Add half-basketball /multipurpose court		\$0	\$15,000	\$0	\$15,000
Subtotal for Construction			\$290,000	\$15,000	\$0	\$305,000
Contingency (10%)			\$29,000	\$1,500	\$0	\$30,500
Construction Total			\$319,000	\$16,500	\$0	\$335,500
Design/survey/bidding (12%)			\$38,280	\$1,980	\$0	\$40,260
Project Total			\$357,280	\$18,480	\$0	\$375,760
With Inflation Factor (4%)				\$19,219	\$0	\$376,499
Johnson Street Park		5				
1	Paved parking		\$3,000	\$0	\$0	\$3,000
2	Walkway to court		\$4,000	\$0	\$0	\$4,000
3	Picnic shelter - Family Size		\$50,000	\$0	\$0	\$50,000
4	New playground (Small)		\$50,000	\$0	\$0	\$50,000
5	Add park sign		\$10,000	\$0	\$0	\$10,000
Subtotal for Construction			\$117,000	\$0	\$0	\$117,000
Contingency (10%)			\$11,700	\$0	\$0	\$11,700

Park Name		Sector	0-2 Years	3-5 Years	6-10 Years	Total
Construction Total			\$128,700	\$0	\$0	\$128,700
Design/survey/bidding (12%)			\$15,444	\$0	\$0	\$15,444
Project Total			\$144,144	\$0	\$0	\$144,144
With Inflation Factor (4%)				\$0	\$0	\$144,144
Lamar Park		5				
1	Picnic shelter		\$60,000	\$0	\$0	\$60,000
2	Replace playground		\$0	\$80,000	\$0	\$80,000
3	Add park sign		\$10,000	\$0	\$0	\$10,000
4	Replace fence (back side)		\$0	\$0	\$14,000	\$14,000
Subtotal for Construction			\$70,000	\$80,000	\$14,000	\$164,000
Contingency (10%)			\$7,000	\$8,000	\$1,400	\$16,400
Construction Total			\$77,000	\$88,000	\$15,400	\$180,400
Design/survey/bidding (12%)			\$9,240	\$10,560	\$1,848	\$21,648
Project Total			\$86,240	\$98,560	\$17,248	\$202,048
With Inflation Factor (4%)				\$102,502	\$18,655	\$207,398
Mockingbird Park		5				
1	Signage		\$0	\$3,000	\$0	\$3,000
2	Walkway		\$0	\$8,000	\$0	\$8,000
3	Add in-ground soccer goals		\$0	\$1,000	\$0	\$1,000
Subtotal for Construction			\$0	\$12,000	\$0	\$12,000
Contingency (10%)			\$0	\$1,200	\$0	\$1,200
Construction Total			\$0	\$13,200	\$0	\$13,200
Design/survey/bidding (12%)			\$0	\$1,584	\$0	\$1,584
Project Total			\$0	\$14,784	\$0	\$14,784
With Inflation Factor (4%)				\$15,375	\$0	\$15,375
Nance-James Park		4				
1	Basketball court surfacing		\$20,000	\$0	\$0	\$20,000
2	Playground equipment replacement		\$150,000	\$0	\$0	\$150,000
3	Park/land east 2 lots for park land expansion		\$0	\$200,000	\$0	\$200,000
4	Add shade trees		\$10,000	\$0	\$0	\$10,000
5	Add 1,200 LF new sidewalk		\$96,000	\$0	\$0	\$96,000
Subtotal for Construction			\$276,000	\$200,000	\$0	\$476,000
Contingency (10%)			\$27,600	\$20,000	\$0	\$47,600
Construction Total			\$303,600	\$220,000	\$0	\$523,600
Design/survey/bidding (12%)			\$36,432	\$26,400	\$0	\$62,832
Project Total			\$340,032	\$246,400	\$0	\$586,432
With Inflation Factor (4%)				\$256,256	\$0	\$596,288
Sesquicentennial Park		6				
1	ADA access on Newberry St side		\$3,000	\$0	\$0	\$3,000
2	Add park sign		\$10,000	\$0	\$0	\$10,000
3	Playground equipment		\$0	\$80,000	\$0	\$80,000
Subtotal for Construction			\$13,000	\$80,000	\$0	\$93,000
Contingency (10%)			\$1,300	\$8,000	\$0	\$9,300
Construction Total			\$14,300	\$88,000	\$0	\$102,300
Design/survey/bidding (12%)			\$1,716	\$10,560	\$0	\$12,276
Project Total			\$16,016	\$98,560	\$0	\$114,576
With Inflation Factor (4%)				\$102,502	\$0	\$118,518
Stanton Gardens		4				0
1	No proposed improvements					\$0
Subtotal for Construction			\$0	\$0	\$0	\$0
Contingency (10%)			\$0	\$0	\$0	\$0
Construction Total			\$0	\$0	\$0	\$0
Design/survey/bidding (12%)			\$0	\$0	\$0	\$0
Project Total			\$0	\$0	\$0	\$0
With Inflation Factor (4%)				\$0	\$0	\$0

Park Name		Sector	0-2 Years	3-5 Years	6-10 Years	Total
Sycamore Park		5				
1	Park sign		\$0	\$10,000	\$0	\$10,000
2	Playground replacement		\$0	\$200,000	\$0	\$200,000
3	Add picnic shelters (2 table shelters)		\$0	\$40,000	\$0	\$40,000
4	Add walking trail loop on southeast side		\$0	\$62,000	\$0	\$62,000
5	Add multipurpose court		\$0	\$30,000	\$0	\$30,000
Subtotal for Construction			\$0	\$342,000	\$0	\$342,000
Contingency (10%)			\$0	\$34,200	\$0	\$34,200
Construction Total			\$0	\$376,200	\$0	\$376,200
Design/survey/bidding (12%)			\$0	\$45,144	\$0	\$45,144
Project Total			\$0	\$421,344	\$0	\$421,344
With Inflation Factor (4%)				\$438,198	\$0	\$438,198
Woodcrest Park		5				
1	Master Plan*		\$10,000	\$0	\$0	\$10,000
2	Add park sign		\$0	\$5,000	\$0	\$5,000
3	Add soft-surface educational nature trail (+/- 2,600')		\$0	\$39,000	\$0	\$39,000
4	Add picnic shelter		\$0	\$50,000	\$0	\$50,000
Subtotal for Construction			\$0	\$94,000	\$0	\$94,000
Contingency (10%)			\$0	\$9,400	\$0	\$9,400
Construction Total			\$0	\$103,400	\$0	\$103,400
Design/survey/bidding (12%)			\$0	\$12,408	\$0	\$12,408
Project Total*			\$10,000	\$115,808	\$0	\$125,808
With Inflation Factor (4%)				\$120,440	\$0	\$130,440
Lake Parks						
Britton Park		8				
1	Road and parking paving - 145,000 SF		\$1,450,000	\$0	\$0	\$1,450,000
2	Replace restroom (2-3 fixtures per side)		\$250,000	\$0	\$0	\$250,000
3	Lighting and electrical		\$75,000	\$0	\$0	\$75,000
4	Landscaping		\$0	\$25,000	\$0	\$25,000
5	Add monumental park sign		\$0	\$30,000	\$0	\$30,000
6	Add new fishing piers (T-shaped courtesy dock)		\$160,000	\$0	\$0	\$160,000
7	Automated gate at entrance		\$0	\$25,000	\$0	\$25,000
8	Add new boat dock at boat ramp (60' long)		\$35,000	\$0	\$0	\$35,000
9	Add small (15' x 15') picnic shelters		\$0	\$160,000	\$0	\$160,000
10	Develop natural trail - 1 mile with 3-4 low water crossings		\$0	\$90,000	\$0	\$90,000
11	Add wood guard rail - parking area		\$80,000	\$0	\$0	\$80,000
12	Upgrade regulatory signage		\$5,000	\$0	\$0	\$5,000
13	Add volunteer camp site pad		\$0	\$25,000	\$0	\$25,000
Subtotal for Construction			\$2,055,000	\$355,000	\$0	\$2,410,000
Contingency (10%)			\$205,500	\$35,500	\$0	\$241,000
Construction Total			\$2,260,500	\$390,500	\$0	\$2,651,000
Design/survey/bidding (12%)			\$271,260	\$46,860	\$0	\$318,120
Project Total			\$2,531,760	\$437,360	\$0	\$2,969,120
With Inflation Factor (4%)				\$454,854	\$0	\$2,986,614
Camp Wisdom Park		6				
1	Coordination with Corps of Engineers					
2	Master Plan*		\$0	\$100,000	\$0	\$100,000
3	Add perimeter fence		\$0	\$0	\$300,000	\$300,000
Subtotal for Construction			\$0	\$0	\$300,000	\$300,000
Contingency (10%)			\$0	\$0	\$30,000	\$30,000
Construction Total			\$0	\$0	\$330,000	\$330,000
Design/survey/bidding (12%)			\$0	\$0	\$39,600	\$39,600
Project Total*			\$0	\$100,000	\$369,600	\$469,600
With Inflation Factor (4%)				\$104,000	\$399,759	\$503,759

Park Name		Sector	0-2 Years	3-5 Years	6-10 Years	Total
Estes Park		8				
1	Master Plan*		\$0	\$100,000	\$0	\$100,000
2	Conference Center with parking		\$0	\$6,000,000	\$0	\$6,000,000
3	Roads		\$0	\$1,300,000	\$0	\$1,300,000
4	Utilities		\$0	\$1,500,000	\$0	\$1,500,000
5	Trails (4-5 miles) concrete 8' wide		\$0	\$2,000,000	\$0	\$2,000,000
Subtotal for Construction			\$0	\$10,800,000	\$0	\$10,800,000
Contingency (10%)			\$0	\$1,080,000	\$0	\$1,080,000
Construction Total			\$0	\$11,880,000	\$0	\$11,880,000
Design/survey/bidding (12%)			\$0	\$1,425,600	\$0	\$1,425,600
Project Total*			\$0	\$13,405,600	\$0	\$13,405,600
With Inflation Factor (4%)				\$13,941,824	\$0	\$13,941,824
Low Branch Park		7				
1	Pave entry road and parking		\$0	\$150,000	\$0	\$150,000
2	Group rental pavilion		\$0	\$125,000	\$0	\$125,000
3	Add park sign		\$0	\$10,000	\$0	\$10,000
4	Investigate land swap with Corps of Engineers					N/A
5	Future Use Development Plan		\$30,000	\$0	\$0	\$30,000
6	Add new loop trail +/- 4,000'		\$0	\$250,000	\$0	\$250,000
7	Add picnic sites with shelters		\$0	\$220,000	\$0	\$220,000
Subtotal for Construction			\$30,000	\$755,000	\$0	\$785,000
Contingency (10%)			\$3,000	\$75,500	\$0	\$78,500
Construction Total			\$33,000	\$830,500	\$0	\$863,500
Design/survey/bidding (12%)			\$3,960	\$99,660	\$0	\$103,620
Project Total			\$36,960	\$930,160	\$0	\$967,120
With Inflation Factor (4%)				\$967,366	\$0	\$1,004,326
Loyd Park		7				
1	Master Plan*		\$100,000	\$0	\$0	\$100,000
2	Cielo upgrades - Plan to determine budget		\$10,000	\$0	\$0	\$10,000
3	New camping loop with 15 sites		\$150,000	\$0	\$0	\$150,000
4	Sanitary sewer at 200 existing sites		\$200,000	\$0	\$0	\$200,000
5	Arcade/game room at camp store area		\$0	\$300,000	\$0	\$300,000
6	Trolley		\$0	\$75,000	\$0	\$75,000
7	Pavilion/barn meeting space with restrooms		\$0	\$750,000	\$0	\$750,000
8	Natural interpretive trails		\$0	\$130,000	\$0	\$130,000
9	Add group camp area with restroom		\$400,000	\$0	\$0	\$400,000
10	Retro trailers		\$500,000	\$0	\$0	\$500,000
11	Movie screen		\$5,000	\$0	\$0	\$5,000
12	Existing trailer improvements		\$100,000	\$0	\$0	\$100,000
13	Parking improvements		\$300,000	\$0	\$0	\$300,000
14	Directional sign Ragland and Day Mir		\$3,000	\$0	\$0	\$3,000
15	Amenity signage along entry road-Ragland and en		\$5,000	\$0	\$0	\$5,000
16	Lodge area improvements		\$150,000	\$0	\$0	\$150,000
17	Off-road bike trails		\$0	\$50,000	\$0	\$50,000
18	Maintenance building improvements-storage vehic		\$300,000	\$0	\$0	\$300,000
19	Theme art at Lodge		\$20,000	\$0	\$0	\$20,000
20	Entrance office/Drive-in booth improvements		\$0	\$100,000	\$0	\$100,000
21	Storm shelters in restroom buildings		\$250,000	\$0	\$0	\$250,000
22	Equestrian trail riding facility/Corral		\$0	\$10,000	\$0	\$10,000
23	Playground		\$0	\$250,000	\$0	\$250,000
24	Replace Loop E pedestrian bridge		\$0	\$100,000	\$0	\$100,000
25	Add elevated cabins		\$500,000	\$0	\$0	\$500,000
26	Entry electronic signage, wayfinding and gate		\$15,000	\$0	\$0	\$15,000
27	Extend walkway to beach		\$35,000	\$0	\$0	\$35,000
28	Walkways through park to avoid walking on roads (2 miles).		\$240,000	\$0	\$0	\$240,000
29	Repave road to beach		\$0	\$25,000	\$0	\$25,000

Park Name		Sector	0-2 Years	3-5 Years	6-10 Years	Total
30	Additional rental shelters (6-7)		\$0	\$300,000	\$0	\$300,000
31	Increase electric to 50/100 amp at 200 campsites		\$250,000	\$0	\$0	\$250,000
32	Laundry building		\$50,000	\$0	\$0	\$50,000
33	Wi-Fi		\$0	\$0	\$100,000	\$100,000
34	Sewer and electric design & install		\$0	\$400,000	\$0	\$400,000
35	Longer gangway at courtesy dock		\$0	\$20,000	\$0	\$20,000
36	Improve overall lighting on roads and parking		\$200,000	\$0	\$0	\$200,000
37	Improve/expand camp store		\$200,000	\$0	\$0	\$200,000
38	Add basketball courts		\$60,000	\$0	\$0	\$60,000
39	Add ropes course		\$0	\$100,000	\$0	\$100,000
40	Add cabins		\$0	\$500,000	\$0	\$500,000
41	Add meeting room pavilion with roll-up doors		\$0	\$250,000	\$0	\$250,000
42	Add splash pad		\$0	\$500,000	\$0	\$500,000
43	Develop natural trails		\$0	\$50,000	\$0	\$50,000
44	Add equestrian facility w/shade		\$0	\$0	\$150,000	\$150,000
45	Beach: Add shade at playground		\$0	\$150,000	\$0	\$150,000
46	Beach: Add picnic shelter		\$0	\$100,000	\$0	\$100,000
47	Beach: Add game courts		\$60,000	\$0	\$0	\$60,000
48	Beach: Add sand volleyball courts		\$40,000	\$0	\$0	\$40,000
49	Beach: Add pickleball courts (4)		\$60,000	\$0	\$0	\$60,000
50	Beach: Add tennis courts (2)		\$60,000	\$0	\$0	\$60,000
51	Boat Ramp: Add fish cleaning stations		\$50,000	\$0	\$0	\$50,000
52	Boat Ramp: Parking improvements		\$200,000	\$0	\$0	\$200,000
53	Boat Ramp: Add lighting at pier		\$155,000	\$0	\$0	\$155,000
54	Boat Ramp: Courtesy dock replacement (80' length)		\$100,000	\$0	\$0	\$100,000
55	Double Docks: Add canoe launches		\$100,000	\$0	\$0	\$100,000
56	H Pavilion: Replace backstop		\$15,000	\$0	\$0	\$15,000
57	H Pavilion: Add large pavilion		\$0	\$125,000	\$0	\$125,000
58	H Pavilion: Add sand volleyball court		\$0	\$20,000	\$0	\$20,000
59	H Pavilion: Add half-court basketball		\$0	\$18,000	\$0	\$18,000
60	H Pavilion: Baseball field improvements		\$0	\$20,000	\$0	\$20,000
61	Loop B, C, D: Add pull throughs (25 sites)		\$0	\$625,000	\$0	\$625,000
62	Loop B: Add playground		\$0	\$65,000	\$0	\$65,000
63	Loop B: Add group pavilion		\$0	\$80,000	\$0	\$80,000
64	Loop B: Sewer connection		\$0	\$108,000	\$0	\$108,000
65	Loop B: Electrical improvements		\$0	\$130,000	\$0	\$130,000
66	Loop A: Sewer along south spots		\$0	\$50,000	\$0	\$50,000
67	Loop A: Security perimeter fence (8' chain link)		\$125,000	\$0	\$0	\$125,000
68	Loop A: Add nature trail signage		\$0	\$2,500	\$0	\$2,500
69	Loop A: Gate at Day Mar Emergency gate (wrought)		\$10,000	\$0	\$0	\$10,000
70	Loop A: Overnight Scout camp area		\$150,000	\$0	\$0	\$150,000
71	Loop A: Dormitories		\$0	\$200,000	\$0	\$200,000
	Subtotal for Construction		\$5,068,000	\$5,603,500	\$250,000	\$10,921,500
	Contingency (10%)		\$506,800	\$560,350	\$25,000	\$1,092,150
	Construction Total		\$5,574,800	\$6,163,850	\$275,000	\$12,013,650
	Design/survey/bidding (12%)		\$668,976	\$739,662	\$33,000	\$1,441,638
	Project Total*		\$6,343,776	\$6,903,512	\$308,000	\$13,555,288
	With Inflation Factor (4%)			\$7,179,652	\$333,133	\$13,856,561
Lynn Creek Park		6				
1	Master Plan*		\$100,000	\$0	\$0	\$100,000
2	Parking / road improvements		\$0	\$200,000	\$0	\$200,000
3	Concession replacement		\$50,000	\$0	\$0	\$50,000
4	Paved walks to shelters		\$8,000	\$0	\$0	\$8,000
5	New maintenance complex		\$400,000	\$0	\$0	\$400,000
6	Add Maintenance Shop - 40' x 50'		\$600,000	\$0	\$0	\$600,000
7	Prairie Lights storage area		\$0	\$200,000	\$0	\$200,000
8	Prairie Lights multi-purpose center		\$0	\$300,000	\$0	\$300,000

Park Name		Sector	0-2 Years	3-5 Years	6-10 Years	Total
9	Gatehouse improvements		\$100,000	\$0	\$0	\$100,000
10	Add marquee sign		\$50,000	\$0	\$0	\$50,000
11	Erosion control at jet ski/beach		\$15,000	\$0	\$0	\$15,000
12	Replace restrooms - phased - with storm shelters		\$1,750,000	\$0	\$0	\$1,750,000
13	Add single table picnic pavilions		\$300,000	\$0	\$0	\$300,000
14	Add group pavilions		\$375,000	\$0	\$0	\$375,000
15	Add outdoor amphitheater		\$0	\$400,000	\$0	\$400,000
16	Improve soft surface trails		\$0	\$100,000	\$0	\$100,000
17	Improve hard surface trails		\$0	\$600,000	\$0	\$600,000
18	Landscape entry at Lake Ridge - marquee sign		\$0	\$15,000	\$0	\$15,000
19	Emergency access road adjacent to dam		\$0	\$100,000	\$0	\$100,000
20	Auto barrier fencing		\$300,000	\$0	\$0	\$300,000
21	Enclosed storage		\$0	\$120,000	\$0	\$120,000
22	Replace restroom behind Prairie Lights-Heated		\$250,000	\$0	\$0	\$250,000
23	Wave attenuators at boat ramps and beach		\$0	\$80,000	\$0	\$80,000
24	Add splash pad		\$0	\$500,000	\$0	\$500,000
25	Add multipurpose court		\$30,000	\$0	\$0	\$30,000
26	Add sand volleyball court		\$20,000	\$0	\$0	\$20,000
27	Add horseshoes area		\$10,000	\$0	\$0	\$10,000
28	Add trees (drought & flood areas)		\$120,000	\$0	\$0	\$120,000
29	Add bike rental		\$0	\$15,000	\$0	\$15,000
30	Beach: Game area		\$30,000	\$0	\$0	\$30,000
31	Beach: Replace playground and safety surface		\$0	\$200,000	\$0	\$200,000
32	Beach: Replace shade structures		\$0	\$200,000	\$0	\$200,000
33	Beach: Add picnic loop road between parking and		\$0	\$225,000	\$0	\$225,000
34	Beach: Add group pavilion		\$0	\$100,000	\$0	\$100,000
35	Beach: Add parking at jetty		\$70,000	\$0	\$0	\$70,000
36	Beach: Fishing dock at boat ramp		\$80,000	\$0	\$0	\$80,000
37	Beach: Improve drainage on grass overflow areas-1		\$60,000	\$0	\$0	\$60,000
38	Loop B: Trail development on north section		\$0	\$25,000	\$0	\$25,000
39	Loop B: Add head-in parking		\$50,000	\$0	\$0	\$50,000
40	Loop B: Add specialty swimming beach		\$0	\$100,000	\$0	\$100,000
41	Loop B: Add dog beach		\$50,000	\$0	\$0	\$50,000
42	Loop B: Replace guard light poles/lights		\$16,000	\$0	\$0	\$16,000
43	Loop B: Replace pedestrian bridge - 100 LF		\$150,000	\$0	\$0	\$150,000
	Subtotal for Construction		\$4,884,000	\$3,480,000	\$0	\$8,364,000
	Contingency (10%)		\$488,400	\$348,000	\$0	\$836,400
	Construction Total		\$5,372,400	\$3,828,000	\$0	\$9,200,400
	Design/survey/bidding (12%)		\$644,688	\$459,360	\$0	\$1,104,048
	Project Total*		\$6,117,088	\$4,287,360	\$0	\$10,404,448
	With Inflation Factor (4%)			\$4,458,854	\$0	\$10,575,942
	Lynn Creek West Park	6				
1	Master Plan*		\$0	\$85,000	\$0	\$85,000
2	Lodge/dormitory		\$0	\$1,800,000	\$0	\$1,800,000
3	Improve entry, road and parking		\$0	\$750,000	\$0	\$750,000
4	Utilities		\$0	\$125,000	\$0	\$125,000
5	Improve entry/signage at trailhead		\$0	\$20,000	\$0	\$20,000
6	Add trails		\$0	\$120,000	\$0	\$120,000
7	Add perimeter fence		\$0	\$75,000	\$0	\$75,000
8	Add cable at lake		\$0	\$675,000	\$0	\$675,000
9	Add zip line		\$0	\$100,000	\$0	\$100,000
10	Provide additional camp area(s)		\$0	\$600,000	\$0	\$600,000
11	Add fish cleaning station		\$0	\$35,000	\$0	\$35,000
12	Add boat ramp		\$0	\$600,000	\$0	\$600,000
	Subtotal for Construction		\$0	\$4,900,000	\$0	\$4,900,000
	Contingency (10%)		\$0	\$490,000	\$0	\$490,000
	Construction Total		\$0	\$5,390,000	\$0	\$5,390,000

Park Name		Sector	0-2 Years	3-5 Years	6-10 Years	Total
	Design/survey/bidding (12%)		\$0	\$646,800	\$0	\$646,800
	Project Total*		\$0	\$6,121,800	\$0	\$6,121,800
	Inflation Factor (4%)			\$6,366,672	\$0	\$6,366,672
Pleasant Valley Park		7				
1	Master Plan*		\$0	\$50,000	\$0	\$50,000
2	Trails		\$0	\$0	\$200,000	\$200,000
3	Add parking		\$0	\$0	\$50,000	\$50,000
4	Add infrastructure (signs, lighting, etc.)		\$0	\$0	\$200,000	\$200,000
5	Add rustic camp		\$0	\$0	\$200,000	\$200,000
	Subtotal for Construction		\$0	\$0	\$650,000	\$650,000
	Contingency (10%)		\$0	\$0	\$65,000	\$65,000
	Construction Total		\$0	\$0	\$715,000	\$715,000
	Design/survey/bidding (12%)		\$0	\$0	\$85,800	\$85,800
	Project Total*		\$0	\$50,000	\$800,800	\$850,800
	With Inflation Factor (4%)			\$52,000	\$866,145	\$918,145
Special Use Parks						
Airhogs Park		3				
1	Upgrade playground		\$0	\$100,000	\$0	\$100,000
2	Upgrade/remove/replace mini-golf		\$0	\$50,000	\$0	\$50,000
3	Renovate fog unit		\$0	\$0	\$10,000	\$10,000
4	Replace fencing		\$0	\$50,000	\$0	\$50,000
5	Replace landscaping		\$0	\$15,000	\$0	\$15,000
6	Replace shade structure fabric		\$0	\$25,000	\$0	\$25,000
7	Rehab Maintenance Bldg. 12' x 16'		\$0	\$10,000	\$0	\$10,000
	Subtotal for Construction		\$0	\$250,000	\$10,000	\$260,000
	Contingency (10%)		\$0	\$25,000	\$1,000	\$26,000
	Construction Total		\$0	\$275,000	\$11,000	\$286,000
	Design/survey/bidding (12%)		\$0	\$33,000	\$1,320	\$34,320
	Project Total		\$0	\$308,000	\$12,320	\$320,320
	With Inflation Factor (4%)			\$320,320	\$13,325	\$333,645
Alliance Skate Park		3				
1	Parking lot repairs		\$115,000	\$0	\$0	\$115,000
2	ADA access to front door		\$0	\$5,000	\$0	\$5,000
3	Upgrade basketball court surfacing		\$20,000	\$0	\$0	\$20,000
4	Replace chain-link fencing with ornamental fence		\$90,000	\$0	\$0	\$90,000
5	Add ground level signage		\$10,000	\$0	\$0	\$10,000
6	Landscaping upgrades		\$0	\$0	\$20,000	\$20,000
	Subtotal for Construction		\$235,000	\$5,000	\$20,000	\$260,000
	Contingency (10%)		\$23,500	\$500	\$2,000	\$26,000
	Construction Total		\$258,500	\$5,500	\$22,000	\$286,000
	Design/survey/bidding (12%)		\$31,020	\$660	\$2,640	\$34,320
	Project Total		\$289,520	\$6,160	\$24,640	\$320,320
	With Inflation Factor (4%)			\$6,406	\$26,651	\$322,577
Central Bark Dog Park		3				
1	Add restrooms/dog wash		\$0	\$0	\$120,000	\$120,000
2	Add picnic shelters		\$180,000	\$0	\$0	\$180,000
3	Add lighting		\$0	\$0	\$40,000	\$40,000
4	Add irrigation system		\$0	\$50,000	\$0	\$50,000
5	Replace/upgrade signage		\$10,000	\$0	\$0	\$10,000
6	Add trees		\$0	\$15,000	\$0	\$15,000
	Contingency (10%)		\$1,000	\$0	\$0	\$1,000
	Construction Total		\$191,000	\$65,000	\$160,000	\$416,000
	Design/survey/bidding (12%)		\$22,920	\$7,800	\$19,200	\$49,920
	Project Total		\$213,920	\$72,800	\$179,200	\$465,920
	With Inflation Factor (4%)			\$75,712	\$193,823	\$483,455

Park Name		Sector	0-2 Years	3-5 Years	6-10 Years	Total
Copeland Historic Home		5				
1	Renovate as an event venue		\$0	\$0	\$200,000	\$200,000
Subtotal for Construction			\$0	\$0	\$200,000	\$200,000
Contingency (10%)			\$0	\$0	\$20,000	\$20,000
Construction Total			\$0	\$0	\$220,000	\$220,000
Design/survey/bidding (12%)			\$0	\$0	\$26,400	\$26,400
Project Total			\$0	\$0	\$246,400	\$246,400
With Inflation Factor (4%)				\$0	\$266,506	\$266,506
Dalworth Recreation Center		4				
1	Expand land to north		\$0	\$200,000	\$0	\$200,000
2	Playground expansion		\$0	\$0	\$60,000	\$60,000
3	Meeting room addition		\$0	\$250,000	\$0	\$250,000
4	Sprayground		\$0	\$400,000	\$0	\$400,000
5	Add perimeter fencing at play area		\$0	\$0	\$18,000	\$18,000
6	Add adjustable basketball goals		\$0	\$0	\$10,000	\$10,000
7	Add gymnasium sound system		\$0	\$0	\$10,000	\$10,000
Subtotal for Construction			\$0	\$850,000	\$98,000	\$948,000
Contingency (10%)			\$0	\$85,000	\$9,800	\$94,800
Construction Total			\$0	\$935,000	\$107,800	\$1,042,800
Design/survey/bidding (12%)			\$0	\$112,200	\$12,936	\$125,136
Project Total			\$0	\$1,047,200	\$120,736	\$1,167,936
With Inflation Factor (4%)				\$1,089,088	\$130,588	\$1,219,676
Grand Prairie Memorial Gardens		5				
1	Replace individual garden area signage		\$0	\$24,000	\$0	\$24,000
2	Landscape enhancements		\$50,000	\$0	\$0	\$50,000
3	Expand maintenance area		\$0	\$50,000	\$0	\$50,000
4	Expand (double) Mausoleum – 2700 SF		\$0	\$600,000	\$0	\$600,000
5	Add enhancements to Administration Building		\$0	\$50,000	\$0	\$50,000
6	Expand interior road		\$0	\$0	\$175,000	\$175,000
7	Plan for infrastructure expansion		\$0	\$300,000	\$0	\$300,000
Subtotal for Construction			\$50,000	\$1,024,000	\$175,000	\$1,249,000
Contingency (10%)			\$5,000	\$102,400	\$17,500	\$124,900
Construction Total			\$55,000	\$1,126,400	\$192,500	\$1,373,900
Design/survey/bidding (12%)			\$6,600	\$135,168	\$23,100	\$164,868
Project Total			\$61,600	\$1,261,568	\$215,600	\$1,538,768
With Inflation Factor (4%)				\$1,312,031	\$233,193	\$1,606,824
Jaycee Park		5				
1	Evaluate existing building		\$20,000	\$0	\$0	\$20,000
2	Develop as an urban plaza		\$0	\$250,000	\$0	\$250,000
3	Shelter		\$0	\$100,000	\$0	\$100,000
4	Add landscaping		\$0	\$30,000	\$0	\$30,000
Subtotal for Construction			\$20,000	\$380,000	\$0	\$400,000
Contingency (10%)			\$2,000	\$38,000	\$0	\$40,000
Construction Total			\$22,000	\$418,000	\$0	\$440,000
Design/survey/bidding (12%)			\$2,640	\$50,160	\$0	\$52,800
Project Total			\$24,640	\$468,160	\$0	\$492,800
With Inflation Factor (4%)				\$486,886	\$0	\$511,526
Kirby Creek Natatorium		5				
1	Window & clerestory replacement		\$0	\$300,000	\$0	\$300,000
2	Pool gutter replacement		\$0	\$40,000	\$0	\$40,000
3	Filter equipment upgrades		\$0	\$100,000	\$0	\$100,000
4	Outdoor shade structures - 4 medium		\$0	\$200,000	\$0	\$200,000
5	Party room addition - 250 SF		\$0	\$50,000	\$0	\$50,000
6	Family restroom addition - 300 SF		\$0	\$60,000	\$0	\$60,000
7	Add locker/changing rooms - 400 SF		\$0	\$100,000	\$0	\$100,000

Park Name		Sector	0-2 Years	3-5 Years	6-10 Years	Total
8	Refinish interior/paint		\$0	\$100,000	\$0	\$100,000
9	Add building sign		\$0	\$6,000	\$0	\$6,000
10	Upgrade parking		\$0	\$120,000	\$0	\$120,000
11	Replace dehumidifying system		\$0	\$200,000	\$0	\$200,000
12	Replace pool heater		\$0	\$30,000	\$0	\$30,000
13	Replace rolling doors		\$0	\$100,000	\$0	\$100,000
14	Add benches at entry		\$0	\$8,000	\$0	\$8,000
15	Add portable bleachers		\$0	\$12,000	\$0	\$12,000
Subtotal for Construction			\$0	\$1,426,000	\$0	\$1,426,000
Contingency (10%)			\$0	\$142,600	\$0	\$142,600
Construction Total			\$0	\$1,568,600	\$0	\$1,568,600
Design/survey/bidding (12%)			\$0	\$188,232	\$0	\$188,232
Project Total			\$0	\$1,756,832	\$0	\$1,756,832
With Inflation Factor (4%)				\$1,827,105	\$0	\$1,827,105
Kirby Creek Natural Science Center		5				
1	Trail improvements (+/- 4,000 l.f. plus footbridges)		\$0	\$0	\$100,000	\$100,000
2	Replace Science Center - 3,500 SF		\$0	\$0	\$1,200,000	\$1,200,000
3	Add permanent restrooms		\$0	\$250,000	\$0	\$250,000
4	Add arboretum tree planting area		\$0	\$250,000	\$0	\$250,000
5	Add landscaping at entry		\$0	\$20,000	\$0	\$20,000
6	Replace park sign		\$0	\$10,000	\$0	\$10,000
7	Add shelter (group)		\$0	\$100,000	\$0	\$100,000
8	Replace benches at amphitheater		\$0	\$50,000	\$0	\$50,000
9	Add ornamental fencing between park/SGPHS base		\$0	\$55,000	\$0	\$55,000
Subtotal for Construction			\$0	\$735,000	\$1,300,000	\$2,035,000
Contingency (10%)			\$0	\$73,500	\$130,000	\$203,500
Construction Total			\$0	\$808,500	\$1,430,000	\$2,238,500
Design/survey/bidding (12%)			\$0	\$97,020	\$171,600	\$268,620
Project Total			\$0	\$905,520	\$1,601,600	\$2,507,120
With Inflation Factor (4%)				\$941,741	\$1,732,291	\$2,674,031
Market Square		5				
1	Add electronic marquee on water tower		\$0	\$125,000	\$0	\$125,000
2	Add platform stage on East Lawn		\$0	\$25,000	\$0	\$25,000
3	Add solid shade covers to existing arbors		\$0	\$60,000	\$0	\$60,000
4	Add interior ceiling fans		\$8,000	\$0	\$0	\$8,000
5	Add security lighting		\$0	\$25,000	\$0	\$25,000
6	Park land expansion-east		\$25,000	\$0	\$0	\$25,000
7	Add shade/hard surfacing at turf areas		\$0	\$300,000	\$0	\$300,000
Subtotal for Construction			\$33,000	\$535,000	\$0	\$568,000
Contingency (10%)			\$3,300	\$53,500	\$0	\$56,800
Construction Total			\$36,300	\$588,500	\$0	\$624,800
Design/survey/bidding (12%)			\$4,356	\$70,620	\$0	\$74,976
Project Total			\$40,656	\$659,120	\$0	\$699,776
With Inflation Factor (4%)				\$685,485	\$0	\$726,141
McFalls Park East		5				
1	Parking lot renovation & expansion to south		\$500,000	\$0	\$0	\$500,000
2	Replace post & cable with alternate fencing		\$90,000	\$0	\$0	\$90,000
3	Renovate concession building		\$100,000	\$0	\$0	\$100,000
4	Park land expansion/softball complex relocation		\$2,000,000	\$0	\$0	\$2,000,000
5	Replace scoreboards		\$0	\$40,000	\$0	\$40,000
6	Upgrade athletic field lighting		\$0	\$0	\$480,000	\$480,000
Subtotal for Construction			\$2,690,000	\$40,000	\$480,000	\$3,210,000
Contingency (10%)			\$269,000	\$4,000	\$48,000	\$321,000
Construction Total			\$2,959,000	\$44,000	\$528,000	\$3,531,000
Design/survey/bidding (12%)			\$355,080	\$5,280	\$63,360	\$423,720
Project Total			\$3,314,080	\$49,280	\$591,360	\$3,954,720
With Inflation Factor (4%)				\$51,251	\$639,615	\$4,004,946

Park Name		Sector	0-2 Years	3-5 Years	6-10 Years	Total
Mountain Creek Soccer Complex		5				
1	Add playground		\$175,000	\$0	\$0	\$175,000
2	Road improvements		\$0	\$0	\$700,000	\$700,000
3	Add 100 parking spaces in northeast		\$300,000	\$0	\$0	\$300,000
4	Add shade structures (for spectators)		\$320,000	\$0	\$0	\$320,000
5	Landscape improvements		\$0	\$200,000	\$0	\$200,000
6	Upgrading athletic field lighting		\$0	\$1,000,000	\$0	\$1,000,000
7	Change fields to artificial turf		\$0	\$3,200,000	\$0	\$3,200,000
8	Add storage building - 5,000 SF		\$0	\$600,000	\$0	\$600,000
9	Develop tract south of complex as a neighborhood		\$600,000	\$0	\$0	\$600,000
Subtotal for Construction			\$1,395,000	\$5,000,000	\$700,000	\$7,095,000
Contingency (10%)			\$139,500	\$500,000	\$70,000	\$709,500
Construction Total			\$1,534,500	\$5,500,000	\$770,000	\$7,804,500
Design/survey/bidding (12%)			\$184,140	\$660,000	\$92,400	\$936,540
Project Total			\$1,718,640	\$6,160,000	\$862,400	\$8,741,040
With Inflation Factor (4%)				\$6,406,400	\$932,772	\$9,057,812
Park Administration Building						
1	Add landscaping		\$0	\$20,000	\$0	\$20,000
2	Add art piece		\$0	\$75,000	\$0	\$75,000
3	Build permanent front desk		\$0	\$8,000	\$0	\$8,000
4	Add outdoor picnic area		\$0	\$17,500	\$0	\$17,500
5	Add storage		\$0	\$80,000	\$0	\$80,000
Subtotal for Construction			\$0	\$200,500	\$0	\$200,500
Contingency (10%)			\$0	\$20,050	\$0	\$20,050
Construction Total			\$0	\$220,550	\$0	\$220,550
Design/survey/bidding (12%)			\$0	\$26,466	\$0	\$26,466
Project Total			\$0	\$247,016	\$0	\$247,016
With Inflation Factor (4%)				\$256,897	\$0	\$256,897
Park Maintenance Complex		5				
1	Replace building		\$2,500,000	\$0	\$0	\$2,500,000
2	Repave yard		\$360,000	\$0	\$0	\$360,000
Subtotal for Construction			\$2,860,000	\$0	\$0	\$2,860,000
Contingency (10%)			\$286,000	\$0	\$0	\$286,000
Construction Total			\$3,146,000	\$0	\$0	\$3,146,000
Design/survey/bidding (12%)			\$377,520	\$0	\$0	\$377,520
Project Total			\$3,523,520	\$0	\$0	\$3,523,520
With Inflation Factor (4%)				\$0	\$0	\$3,523,520
Prairie Lakes Golf Course		5				
1	Golf maintenance replacement		\$0	\$150,000	\$0	\$150,000
2	Landscape & grounds enhancements		\$0	\$100,000	\$0	\$100,000
3	Concrete cart path replacement/repairs		\$465,000	\$0	\$0	\$465,000
4	Driving range lighting		\$0	\$150,000	\$0	\$150,000
5	Lake shoreline rehab		\$210,000	\$0	\$0	\$210,000
6	Pond excavations incl. canal (3 ponds)		\$0	\$320,000	\$0	\$320,000
7	Bridge (4) repair/replacement - 120 LF		\$320,000	\$0	\$0	\$320,000
8	Existing parking lot repairs		\$0	\$500,000	\$0	\$500,000
9	Parking expansion - 80 spaces		\$0	\$80,000	\$0	\$80,000
10	Add food/beverage service behind clubhouse		\$0	\$50,000	\$0	\$50,000
11	Demolish existing maintenance building		\$20,000	\$0	\$0	\$20,000
12	Renovate existing cart building - 3800 SF		\$150,000	\$0	\$0	\$150,000
13	Expand cart building - 1500 SF		\$80,000	\$0	\$0	\$80,000
14	Improve perimeter fencing - 6000 LF		\$0	\$330,000	\$0	\$330,000
15	Irrigation upgrades		\$0	\$200,000	\$0	\$200,000
16	Low water crossing improvements - 200 LF		\$20,000	\$0	\$0	\$20,000
17	Clubhouse renovation		\$0	\$465,000	\$0	\$465,000
Subtotal for Construction			\$1,265,000	\$2,345,000	\$0	\$3,610,000
Contingency (10%)			\$126,500	\$234,500	\$0	\$361,000

Park Name		Sector	0-2 Years	3-5 Years	6-10 Years	Total
Construction Total			\$1,391,500	\$2,579,500	\$0	\$3,971,000
Design/survey/bidding (12%)			\$166,980	\$309,540	\$0	\$476,520
Project Total			\$1,558,480	\$2,889,040	\$0	\$4,447,520
With Inflation Factor (4%)				\$3,004,602	\$0	\$4,563,082
Ruthe Jackson Event Center		5				
1	Roof		\$0	\$200,000	\$0	\$200,000
2	HVAC replacement		\$0	\$500,000	\$0	\$500,000
3	Update interiors - 10,000 SF		\$1,500,000	\$0	\$0	\$1,500,000
4	Kitchen renovation - 2000 SF		\$250,000	\$0	\$0	\$250,000
5	Parking/entry enhancements		\$0	\$25,000	\$0	\$25,000
6	Marquee sign replacement - video quality		\$50,000	\$0	\$0	\$50,000
7	Pond equipment replacement		\$15,000	\$0	\$0	\$15,000
Subtotal for Construction			\$1,815,000	\$725,000	\$0	\$2,540,000
Contingency (10%)			\$181,500	\$72,500	\$0	\$254,000
Construction Total			\$1,996,500	\$797,500	\$0	\$2,794,000
Design/survey/bidding (12%)			\$239,580	\$95,700	\$0	\$335,280
Project Total			\$2,236,080	\$893,200	\$0	\$3,129,280
With Inflation Factor (4%)				\$928,928	\$0	\$3,165,008
Summit		4				
1	Add parking at northeast w/cameras		\$0	\$50,000	\$0	\$50,000
2	Add gymnasium/relocate control desk		\$0	\$2,000,000	\$0	\$2,000,000
3	Expand aerobic rooms/locker rooms		\$0	\$800,000	\$0	\$800,000
4	Purchase charter bus		\$0	\$80,000	\$0	\$80,000
5	AV updates		\$25,000	\$0	\$0	\$25,000
6	Add access control at parking entrances		\$0	\$50,000	\$0	\$50,000
7	Add interior wayfinding signage		\$0	\$15,000	\$0	\$15,000
8	Refinish pool tank		\$0	\$500,000	\$0	\$500,000
9	Replace pool mechanical equipment		\$0	\$100,000	\$0	\$100,000
10	Replace electrical panels		\$15,000	\$0	\$0	\$15,000
Subtotal for Construction			\$40,000	\$3,595,000	\$0	\$3,635,000
Contingency (10%)			\$4,000	\$359,500	\$0	\$363,500
Construction Total			\$44,000	\$3,954,500	\$0	\$3,998,500
Design/survey/bidding (12%)			\$5,280	\$474,540	\$0	\$479,820
Project Total			\$49,280	\$4,429,040	\$0	\$4,478,320
With Inflation Factor (4%)				\$4,606,202	\$0	\$4,655,482
Tangle Ridge Golf Course		5				
1	Market study of out tract*		\$0	\$10,000	\$0	\$10,000
2	Clubhouse expansion/new cart storage - 7,000 SF		\$0	\$1,050,000	\$0	\$1,050,000
3	Golf maintenance replacement		\$0	\$150,000	\$0	\$150,000
4	Landscape and grounds enhancements		\$0	\$100,000	\$0	\$100,000
5	Driving range Improvements		\$0	\$100,000	\$0	\$100,000
6	#5 bridge replacement (50' long)		\$125,000	\$0	\$0	\$125,000
7	Core & replace 19 greens - 250,000 SF		\$0	\$2,000,000	\$0	\$2,000,000
8	Entry road paving repairs		\$75,000	\$0	\$0	\$75,000
9	Drainage improvements - #8		\$0	\$50,000	\$0	\$50,000
10	Sand bunker renovation		\$400,000	\$0	\$0	\$400,000
11	Irrigation pump upgrades		\$25,000	\$0	\$0	\$25,000
12	Perimeter fencing replacement		\$100,000	\$0	\$0	\$100,000
Subtotal for Construction			\$725,000	\$3,450,000	\$0	\$4,175,000
Contingency (10%)			\$72,500	\$345,000	\$0	\$417,500
Construction Total			\$797,500	\$3,795,000	\$0	\$4,592,500
Design/survey/bidding (12%)			\$95,700	\$455,400	\$0	\$551,100
Project Total*			\$893,200	\$4,260,400	\$0	\$5,153,600
With Inflation Factor (4%)				\$4,430,816	\$0	\$5,324,016
Uptown Theater		5				
1	HVAC improvements - 15,000 SF		\$0	\$500,000	\$0	\$500,000
2	Remove/replace roofing - 15,000 SF		\$0	\$150,000	\$0	\$150,000

Park Name		Sector	0-2 Years	3-5 Years	6-10 Years	Total
3	Building expansion - 3,000 SF		\$600,000	\$0	\$0	\$600,000
4	Asbestos removal - 3000 SF		\$50,000	\$0	\$0	\$50,000
5	Add commercial kitchen		\$0	\$80,000	\$0	\$80,000
6	Add storage for tables		\$0	\$40,000	\$0	\$40,000
7	Tech/sound upgrades		\$0	\$20,000	\$0	\$20,000
8	Marquee sign replacement		\$0	\$75,000	\$0	\$75,000
9	Upgrade Stage Deck/Floor		\$0	\$75,000	\$0	\$75,000
10	Upgrade Stage Lighting/AV		\$0	\$125,000	\$0	\$125,000
11	Interior Upgrades to Existing		\$0	\$250,000	\$0	\$250,000
Subtotal for Construction			\$650,000	\$1,315,000	\$0	\$1,965,000
Contingency (10%)			\$65,000	\$131,500	\$0	\$196,500
Construction Total			\$715,000	\$1,446,500	\$0	\$2,161,500
Design/survey/bidding (12%)			\$85,800	\$173,580	\$0	\$259,380
Project Total			\$800,800	\$1,620,080	\$0	\$2,420,880
With Inflation Factor (4%)				\$1,684,883	\$0	\$2,485,683
Veterans Park /Event Center		5				
1	Update interiors/new furnishings - 8,170 SF		\$1,200,000	\$0	\$0	\$1,200,000
2	Parking lot renovation		\$0	\$175,000	\$0	\$175,000
3	Add park sign (Hwy 161 & Conover)		\$0	\$10,000	\$0	\$10,000
4	Landscape improvements		\$0	\$10,000	\$0	\$10,000
5	Add irrigation on west lawn		\$0	\$0	\$20,000	\$20,000
6	Add permanent stage with shade		\$250,000	\$0	\$0	\$250,000
7	Add canopy at memorial		\$0	\$200,000	\$0	\$200,000
8	Replace roofing		\$0	\$122,550	\$0	\$122,550
Subtotal for Construction			\$1,450,000	\$517,550	\$20,000	\$1,987,550
Contingency (10%)			\$145,000	\$51,755	\$2,000	\$198,755
Construction Total			\$1,595,000	\$569,305	\$22,000	\$2,186,305
Design/survey/bidding (12%)			\$191,400	\$68,317	\$2,640	\$262,357
Project Total			\$1,786,400	\$637,622	\$24,640	\$2,448,662
With Inflation Factor (4%)				\$663,126	\$26,651	\$2,476,177
Linear Parks						
Fish Creek Linear Park		6				
1	Stone replacement at bridge abutments		\$0	\$10,000	\$0	\$10,000
2	Signage - entry and interpretive		\$0	\$25,000	\$0	\$25,000
3	Playground replacements (3 sites)		\$0	\$225,000	\$0	\$225,000
4	Add safety railing at storm drain headwalls		\$0	\$5,000	\$0	\$5,000
5	Redo paving at cul-de-sac		\$75,000	\$0	\$0	\$75,000
6	Basketball court resurfacing		\$0	\$0	\$20,000	\$20,000
7	Add mileage information at trail markings		\$4,000	\$0	\$0	\$4,000
8	Add restroom at pavilion		\$0	\$0	\$150,000	\$150,000
9	Erosion repair at drain lines (ends)		\$0	\$10,000	\$0	\$10,000
10	Expand linear trail to east (Listed as Segment D in New Trails)					
11	Picnic table maintenance/replacements		\$0	\$10,000	\$0	\$10,000
12	Grill maintenance/replacements		\$0	\$5,000	\$0	\$5,000
13	Bench maintenance/replacements		\$0	\$20,000	\$0	\$20,000
14	Trash receptacle maintenance/replacements		\$0	\$15,000	\$0	\$15,000
15	Basketball court surface upgrade		\$0	\$0	\$20,000	\$20,000
16	Replace basketball backboards		\$0	\$8,000	\$0	\$8,000
Subtotal for Construction			\$79,000	\$333,000	\$190,000	\$602,000
Contingency (10%)			\$7,900	\$33,300	\$19,000	\$60,200
Construction Total			\$86,900	\$366,300	\$209,000	\$662,200
Design/survey/bidding (12%)			\$10,428	\$43,956	\$25,080	\$79,464
Project Total			\$97,328	\$410,256	\$234,080	\$741,664
With Inflation Factor (4%)				\$426,666	\$253,181	\$777,175
Lone Star Trail		3				
1	Signage - entry and interpretive		\$0	\$12,000	\$0	\$12,000
2	Expand parking		\$0	\$20,000	\$0	\$20,000

Park Name		Sector	0-2 Years	3-5 Years	6-10 Years	Total
3	Benches and rest stops at key points		\$0	\$25,000	\$0	\$25,000
4	Replace shade shelters at trailhead		\$0	\$100,000	\$0	\$100,000
5	Add security fencing at east trailhead		\$50,000	\$0	\$0	\$50,000
6	Enhance landscaping/irrigation at trailhead		\$0	\$30,000	\$0	\$30,000
7	Add distance & emergency signage		\$10,000	\$0	\$0	\$10,000
Subtotal for Construction			\$60,000	\$187,000	\$0	\$247,000
Contingency (10%)			\$6,000	\$18,700	\$0	\$24,700
Construction Total			\$66,000	\$205,700	\$0	\$271,700
Design/survey/bidding (12%)			\$7,920	\$24,684	\$0	\$32,604
Project Total			\$73,920	\$230,384	\$0	\$304,304
With Inflation Factor (4%)				\$239,599	\$0	\$313,519
The Good Link		3				
1	Signage - Entry and interpretive		\$0	\$20,000	\$0	\$20,000
2	Add Fitness Stations		\$0	\$80,000	\$0	\$80,000
3	Create interpretive Area/Soft Surface Trail		\$0	\$0	\$50,000	\$50,000
4	Repair cracks at bridge abutment		\$15,000	\$0	\$0	\$15,000
5	Paint handrails on overlook/bridge rails - 3400 LF		\$34,000	\$0	\$0	\$34,000
6	Paint steel structure at overlook		\$10,000	\$0	\$0	\$10,000
7	Add water fountain		\$6,000	\$0	\$0	\$6,000
8	Repair blue spotlights on bridge		\$18,000	\$0	\$0	\$18,000
9	Replace portions of concrete trail		\$0	\$30,000	\$0	\$30,000
10	Replace bollards		\$0	\$0	\$15,000	\$15,000
11	Replace decking on wooden bridge		\$0	\$0	\$15,000	\$15,000
Subtotal for Construction			\$83,000	\$130,000	\$80,000	\$293,000
Contingency (10%)			\$8,300	\$13,000	\$8,000	\$29,300
Construction Total			\$91,300	\$143,000	\$88,000	\$322,300
Design/survey/bidding (12%)			\$10,956	\$17,160	\$10,560	\$38,676
Project Total			\$102,256	\$160,160	\$98,560	\$360,976
With Inflation Factor (4%)				\$166,566	\$106,602	\$375,425
New Trails						
1	Route "A" - Trail Segments		\$0	\$3,953,295	\$0	\$3,953,295
2	Route "A" - Sidewalk Segments		\$0	\$692,788	\$0	\$692,788
3	Route "B" - Trail Segments		\$0	\$5,185,741	\$0	\$5,185,741
4	Route "B" - Wide Sidewalk Segments		\$0	\$1,476,918	\$0	\$1,476,918
5	Route "C" - Trail Segments		\$0	\$2,350,109	\$0	\$2,350,109
6	Route "C" - Wide Sidewalk Segments		\$0	\$985,226	\$0	\$985,226
7	Route "D" - Trail Segments		\$0	\$490,492	\$0	\$490,492
8	Route "D" - Wide Sidewalk Segments		\$0	\$642,278	\$0	\$642,278
9	Route "E" - Trail Segments		\$0	\$934,481	\$0	\$934,481
10	Route "E" - Wide Sidewalk Segments		\$0	\$1,341,519	\$0	\$1,341,519
11	Route "F" - Trail Segments		\$0	\$1,625,624	\$0	\$1,625,624
12	Route "F" - Wide Sidewalk Segments		\$0	\$839,318	\$0	\$839,318
13	Route "G" - Trail Segments		\$0	\$2,509,864	\$0	\$2,509,864
14	Route "H" - Trail Segments		\$0	\$2,009,181	\$0	\$2,009,181
15	Route "H" - Wide Sidewalk Segments		\$0	\$253,720	\$0	\$253,720
16	Route "I" - Trail Segments		\$0	\$9,692,603	\$0	\$9,692,603
17	Route "J" - Trail Segments		\$0	\$2,735,747	\$0	\$2,735,747
18	Route "J" - Wide Sidewalk Segments		\$0	\$773,276	\$0	\$773,276
19	Route "K" - Trail Segments		\$0	\$4,072,196	\$0	\$4,072,196
20	Route "K" - Wide Sidewalk Segments		\$0	\$977,806	\$0	\$977,806
21	Route "L" - Trail Segments		\$0	\$1,757,681	\$0	\$1,757,681
Subtotal for Construction			\$0	\$45,299,863	\$0	\$45,299,863
Contingency (10%)			\$0	\$4,529,986	\$0	\$4,529,986
Construction Total			\$0	\$49,829,849	\$0	\$49,829,849
Design/survey/bidding (12%)			\$0	\$5,979,582	\$0	\$5,979,582
Project Total			\$0	\$55,809,431	\$0	\$55,809,431
With Inflation Factor (4%)				\$58,041,808	\$0	\$58,041,808

Park Name		Sector	0-2 Years	3-5 Years	6-10 Years	Total
New Parks						
Sector 1 Great Southwest Community Park (A)						
1	Master Plan*		\$100,000	\$0	\$0	\$100,000
2	Trails - (8' wide, paved)		\$1,500,000	\$0	\$0	\$1,500,000
3	Picnic shelters		\$400,000	\$0	\$0	\$400,000
4	Interpretive area (preservation-conservation)		\$100,000	\$0	\$0	\$100,000
5	Prairie restoration/Wetland restoration		\$100,000	\$0	\$0	\$100,000
6	Interpretive signs		\$50,000	\$0	\$0	\$50,000
7	Creek access		\$120,000	\$0	\$0	\$120,000
8	Exercise stations with shade		\$100,000	\$0	\$0	\$100,000
9	Maintenance area		\$300,000	\$0	\$0	\$300,000
Subtotal for Construction			\$2,670,000	\$0	\$0	\$2,670,000
Contingency (10%)			\$267,000	\$0	\$0	\$267,000
Construction Total			\$2,937,000	\$0	\$0	\$2,937,000
Design/survey/bidding (12%)			\$352,440	\$0	\$0	\$352,440
Project Total*			\$3,389,440	\$0	\$0	\$3,389,440
With Inflation Factor (4%)				\$0	\$0	\$3,389,440
Sector 4 North Neighborhood Park (B)		4				
1	Master Plan*		\$0	\$50,000	\$0	\$50,000
2	Picnic shelter		\$0	\$100,000	\$0	\$100,000
3	Playground		\$0	\$150,000	\$0	\$150,000
4	Trails		\$0	\$100,000	\$0	\$100,000
5	Parking		\$0	\$20,000	\$0	\$20,000
6	Signage		\$0	\$5,000	\$0	\$5,000
7	Basketball court		\$0	\$40,000	\$0	\$40,000
Subtotal for Construction			\$0	\$415,000	\$0	\$415,000
Contingency (10%)			\$0	\$41,500	\$0	\$41,500
Construction Total			\$0	\$456,500	\$0	\$456,500
Design/survey/bidding (12%)			\$0	\$54,780	\$0	\$54,780
Project Total*			\$0	\$561,280	\$0	\$561,280
With Inflation Factor (4%)				\$583,731	\$0	\$583,731
Sector 4 South Neighborhood Park (D)		4				
1	Master Plan*		\$0	\$50,000	\$0	\$50,000
2	Picnic shelter		\$0	\$100,000	\$0	\$100,000
3	Playground		\$0	\$150,000	\$0	\$150,000
4	Trails		\$0	\$100,000	\$0	\$100,000
5	Parking		\$0	\$20,000	\$0	\$20,000
6	Signage		\$0	\$5,000	\$0	\$5,000
7	Basketball court		\$0	\$40,000	\$0	\$40,000
Subtotal for Construction			\$0	\$415,000	\$0	\$415,000
Contingency (10%)			\$0	\$41,500	\$0	\$41,500
Construction Total			\$0	\$456,500	\$0	\$456,500
Design/survey/bidding (12%)			\$0	\$54,780	\$0	\$54,780
Project Total*			\$0	\$561,280	\$0	\$561,280
With Inflation Factor (4%)				\$583,731	\$0	\$583,731
Sector 5 Central Neighborhood Park C		5				
1	Master Plan*		\$50,000	\$0	\$0	\$50,000
2	Picnic shelter		\$100,000	\$0	\$0	\$100,000
3	Playground		\$150,000	\$0	\$0	\$150,000
4	Trails		\$100,000	\$0	\$0	\$100,000
5	Parking		\$20,000	\$0	\$0	\$20,000
6	Signage		\$5,000	\$0	\$0	\$5,000
7	Basketball court		\$40,000	\$0	\$0	\$40,000
Subtotal for Construction			\$415,000	\$0	\$0	\$415,000
Contingency (10%)			\$41,500	\$0	\$0	\$41,500
Construction Total			\$456,500	\$0	\$0	\$456,500

Park Name		Sector	0-2 Years	3-5 Years	6-10 Years	Total
	Design/survey/bidding (12%)		\$54,780	\$0	\$0	\$54,780
	Project Total*		\$561,280	\$0	\$0	\$561,280
	With Inflation Factor (4%)			\$0	\$0	\$561,280
Sector 6 Sports Complex		6				
1	Master Plan*		\$0	\$200,000	\$0	\$200,000
Sports fields with lighting, bleachers						
2	Restroom/Concession building		\$0	\$300,000	\$0	\$300,000
3	4-field softball complex		\$0	\$1,200,000	\$0	\$1,200,000
4	4-field baseball complex		\$0	\$1,400,000	\$0	\$1,400,000
5	Rectangular fields		\$0	\$800,000	\$0	\$800,000
6	Playground		\$0	\$250,000	\$0	\$250,000
7	Trails		\$0	\$800,000	\$0	\$800,000
8	Parking		\$0	\$720,000	\$0	\$720,000
9	Signage		\$0	\$25,000	\$0	\$25,000
10	Basketball court		\$0	\$40,000	\$0	\$40,000
	Subtotal for Construction		\$0	\$5,535,000	\$0	\$5,535,000
	Contingency (10%)		\$0	\$553,500	\$0	\$553,500
	Construction Total		\$0	\$6,088,500	\$0	\$6,088,500
	Design/survey/bidding (12%)		\$0	\$730,620	\$0	\$730,620
	Project Total*		\$0	\$7,019,120	\$0	\$7,019,120
	With Inflation Factor (4%)			\$7,299,885	\$0	\$7,299,885
Sector 6 Southwest Community Park (G)		6				
1	Master Plan*		\$0	\$50,000	\$0	\$50,000
2	Picnic shelter		\$0	\$100,000	\$0	\$100,000
3	Playground		\$0	\$150,000	\$0	\$150,000
4	Loop Trails		\$0	\$100,000	\$0	\$100,000
5	Parking		\$0	\$20,000	\$0	\$20,000
6	Signage		\$0	\$5,000	\$0	\$5,000
7	Basketball court		\$0	\$40,000	\$0	\$40,000
8	Tennis courts		\$0	\$240,000	\$0	\$240,000
9	Pickleball courts		\$0	\$120,000	\$0	\$120,000
10	Playfields - practice diamond/field		\$0	\$50,000	\$0	\$50,000
	Subtotal for Construction		\$0	\$825,000	\$0	\$825,000
	Contingency (10%)		\$0	\$82,500	\$0	\$82,500
	Construction Total		\$0	\$907,500	\$0	\$907,500
	Design/survey/bidding (12%)		\$0	\$108,900	\$0	\$108,900
	Project Total*		\$0	\$1,066,400	\$0	\$1,066,400
	With Inflation Factor (4%)			\$1,109,056	\$0	\$1,109,056
Sector 7 North Neighborhood Park (I)		7				
1	Master Plan*		\$0	\$0	\$50,000	\$50,000
2	Picnic shelter		\$0	\$0	\$100,000	\$100,000
3	Playground		\$0	\$0	\$150,000	\$150,000
4	Trails		\$0	\$0	\$100,000	\$100,000
5	Parking		\$0	\$0	\$20,000	\$20,000
6	Signage		\$0	\$0	\$5,000	\$5,000
	Subtotal for Construction		\$0	\$0	\$375,000	\$375,000
	Contingency (10%)		\$0	\$0	\$32,500	\$32,500
	Construction Total		\$0	\$0	\$407,500	\$407,500
	Design/survey/bidding (12%)		\$0	\$0	\$48,900	\$48,900
	Project Total*		\$0	\$0	\$506,400	\$506,400
	With Inflation Factor (4%)			\$0	\$547,722	\$547,722
Sector 7 Central Community Park (J)		7				
1	Master Plan*		\$0	\$0	\$50,000	\$50,000
2	Picnic shelter		\$0	\$0	\$100,000	\$100,000
3	Playground		\$0	\$0	\$150,000	\$150,000
4	Loop Trails		\$0	\$0	\$100,000	\$100,000

Park Name		Sector	0-2 Years	3-5 Years	6-10 Years	Total
5	Parking		\$0	\$0	\$20,000	\$20,000
6	Signage		\$0	\$0	\$5,000	\$5,000
7	Basketball court		\$0	\$0	\$40,000	\$40,000
8	Tennis courts		\$0	\$0	\$160,000	\$160,000
9	Playfields - practice diamond/field		\$0	\$0	\$50,000	\$50,000
Subtotal for Construction			\$0	\$0	\$625,000	\$625,000
Contingency (10%)			\$0	\$0	\$57,500	\$57,500
Construction Total			\$0	\$0	\$682,500	\$682,500
Design/survey/bidding (12%)			\$0	\$0	\$81,900	\$81,900
Project Total*			\$0	\$0	\$814,400	\$814,400
With Inflation Factor (4%)				\$0	\$880,855	\$880,855
Total Park Improvements			\$76,556,242	\$164,403,541	\$11,688,886	\$252,648,669
TOTAL WITH INFLATION			\$76,556,242	\$170,979,682	\$12,642,700	\$260,178,624

Note: Estimates use an inflation factor for the average of the 5-year period. Beyond 2026 use the estimated inflation factor for 2027.

* Non-construction items such as master plans and studies are not included in the Construction Totals, but are added in the Project Total.

OPINION OF PROBABLE CONSTRUCTION COST

PARKS AND OPEN SPACE MASTER PLAN
City of Grand Prairie



BW2 Engineers, Inc.
No. 16-1756

SEGMENT "A"

Item No.	Description	Unit	Est. Quantity	Unit Cost	Cost
----- TRAIL SECTION -----					
1	Mobilization, Bonds, Insurance	L.S.	1	\$180,000.00	\$180,000.00
2	Erosion Control	L.F.	27,113	\$2.00	\$54,226.00
3	Traffic Control/ Construction Signing	L.F.	27,113	\$1.50	\$40,669.50
4	Grading / Excavation	C.Y.	14,000	\$15.00	\$210,000.00
5	Utility Adjustments	EA.	135	\$500.00	\$67,500.00
6	Remove Existing Sidewalk	S.Y.	0	\$14.00	\$0.00
7	Barrier-Free Ramps	EA.	22	\$2,500.00	\$55,000.00
8	Drainage Structures	L.S.	1	\$0.00	\$0.00
9	Pedestrian Bridges	L.F.	250	\$1,800.00	\$450,000.00
10	Reinforced Concrete Trail (12')	S.Y.	36,150	\$60.00	\$2,169,000.00
11	Intersection Signal Improvements	EA.	12	\$20,000.00	\$240,000.00
12	Driveway Crossings	EA.	0	\$5,500.00	\$0.00
13	Sodding / Seeding	S.Y.	60,300	\$5.00	\$301,500.00
14	Pedestrian Signs	EA.	28	\$500.00	\$14,000.00
15	Miscellaneous Items	L.S.	1	\$171,400.00	\$171,400.00
Trail Total:					\$3,953,295.50

----- WIDE SIDEWALK SECTION -----					
16	Mobilization, Bonds, Insurance	L.S.	1	\$32,200.00	\$32,200.00
17	Erosion Control	L.F.	5,777	\$2.00	\$11,554.00
18	Traffic Control/ Construction Signing	L.F.	5,777	\$2.00	\$11,554.00
19	Grading / Excavation	C.Y.	1,100	\$15.00	\$16,500.00
20	Utility Adjustments	EA.	6	\$500.00	\$3,000.00
21	Remove Existing Sidewalk	S.Y.	3,210	\$14.00	\$44,940.00
22	Barrier-Free Ramps	EA.	8	\$2,500.00	\$20,000.00
23	Drainage Structures	L.S.	0	\$0.00	\$0.00
24	Pedestrian Bridges	L.F.	0	\$1,800.00	\$0.00
25	Reinforced Concrete Trail (8')	S.Y.	5,140	\$60.00	\$308,400.00
26	Intersection Signal Improvements	EA.	5	\$20,000.00	\$100,000.00
27	Driveway Crossings	EA.	12	\$5,500.00	\$66,000.00
28	Sodding / Seeding	S.Y.	6,420	\$7.00	\$44,940.00
29	Pedestrian Signs	EA.	6	\$500.00	\$3,000.00
30	Miscellaneous Items	L.S.	1	\$30,700.00	\$30,700.00
Wide Sidewalk Total:					\$692,788.00

- Notes:
1. Does not include and right-of-way, easement or property costs.
 2. Does not include engineering or administrative fees.
 3. Does not include any permitting or mitigation costs.
 4. Does not include costs for underground franchise utility adjustments

OPINION OF PROBABLE CONSTRUCTION COST

PARKS AND OPEN SPACE MASTER PLAN
City of Grand Prairie



BW2 Engineers, Inc.
No. 16-1756

SEGMENT "B"

4/10/2017

Item No.	Description	Unit	Est. Quantity	Unit Cost	Cost
----- TRAIL SECTION -----					
1	Mobilization, Bonds, Insurance	L.S.	1	\$247,500.00	\$247,500.00
2	Erosion Control	L.F.	38,379	\$2.00	\$76,758.00
3	Traffic Control/ Construction Signing	L.F.	38,379	\$1.50	\$57,568.50
4	Grading / Excavation	C.Y.	15,000	\$15.00	\$225,000.00
5	Utility Adjustments	EA.	191	\$500.00	\$95,500.00
6	Remove Existing Sidewalk	S.Y.	4,630	\$14.00	\$64,820.00
7	Barrier-Free Ramps	EA.	15	\$2,500.00	\$37,500.00
8	Drainage Structures	L.S.	0		\$0.00
9	Pedestrian Bridges	L.F.	300	\$1,800.00	\$540,000.00
10	Reinforced Concrete Trail (12')	S.Y.	51,172	\$55.00	\$2,814,460.00
11	Intersection Signal Improvements	EA.	9	\$20,000.00	\$180,000.00
12	Driveway Crossings	EA.	30	\$5,500.00	\$165,000.00
13	Sodding / Seeding	S.Y.	85,287	\$5.00	\$426,435.00
14	Pedestrian Signs	EA.	39	\$500.00	\$19,500.00
15	Miscellaneous Items	L.S.	1	\$235,700.00	\$235,700.00
Trail Total:					\$5,185,741.50

* Assumes using roadway bridges to cross Trinity River along Roy Orr Blvd. and Belt Line Road.

----- WIDE SIDEWALK SECTION -----					
16	Mobilization, Bonds, Insurance	L.S.	1	\$69,000.00	\$69,000.00
17	Erosion Control	L.F.	11,784	\$2.00	\$23,568.00
18	Traffic Control/ Construction Signing	L.F.	11,784	\$2.00	\$23,568.00
19	Grading / Excavation	C.Y.	2,200	\$15.00	\$33,000.00
20	Utility Adjustments	EA.	59	\$500.00	\$29,500.00
21	Remove Existing Sidewalk	S.Y.	3,563	\$14.00	\$49,882.00
22	Barrier-Free Ramps	EA.	37	\$2,500.00	\$92,500.00
23	Drainage Structures	L.S.	1	\$0.00	\$0.00
24	Pedestrian Bridges	L.F.	0	\$1,800.00	\$0.00
25	Reinforced Concrete Trail (8')	S.Y.	10,475	\$60.00	\$628,500.00
26	Intersection Signal Improvements	EA.	5	\$20,000.00	\$100,000.00
27	Driveway Crossings	EA.	48	\$5,500.00	\$264,000.00
28	Sodding / Seeding	S.Y.	13,100	\$7.00	\$91,700.00
29	Pedestrian Signs	EA.	12	\$500.00	\$6,000.00
30	Miscellaneous Items	L.S.	1	\$65,700.00	\$65,700.00
Wide Sidewalk Total:					\$1,476,918.00

- Notes:
1. Does not include and right-of-way, easement or property costs.
 2. Does not include engineering or administrative fees.
 3. Does not include any permitting or mitigation costs.
 4. Does not include costs for underground franchise utility adjustments

OPINION OF PROBABLE CONSTRUCTION COST

PARKS AND OPEN SPACE MASTER PLAN
City of Grand Prairie



BW2 Engineers, Inc.
No. 16-1756

SEGMENT "C"

4/10/2017

Item No.	Description	Unit	Est. Quantity	Unit Cost	Cost
----- TRAIL SECTION -----					
1	Mobilization, Bonds, Insurance	L.S.	1	\$106,200.00	\$106,200.00
2	Erosion Control	L.F.	15,347	\$2.00	\$30,694.00
3	Traffic Control/ Construction Signing	L.F.	15,347	\$1.50	\$23,020.50
4	Grading / Excavation	C.Y.	7,950	\$15.00	\$119,250.00
5	Utility Adjustments	EA.	77	\$500.00	\$38,500.00
6	Remove Existing Sidewalk	S.Y.	0	\$14.00	\$0.00
7	Barrier-Free Ramps	EA.	13	\$2,500.00	\$32,500.00
8	Drainage Structures	L.S.	1	\$120,000.00	\$120,000.00
9	Pedestrian Bridges	L.F.	150	\$1,800.00	\$270,000.00
10	Reinforced Concrete Trail (12')	S.Y.	20,462	\$60.00	\$1,227,720.00
11	Intersection Signal Improvements	EA.	1	\$20,000.00	\$20,000.00
12	Driveway Crossings	EA.	15	\$5,500.00	\$82,500.00
13	Sodding / Seeding	S.Y.	34,105	\$5.00	\$170,525.00
14	Pedestrian Signs	EA.	16	\$500.00	\$8,000.00
15	Miscellaneous Items	L.S.	1	\$101,200.00	\$101,200.00
Trail Total:					\$2,350,109.50

----- WIDE SIDEWALK SECTION -----					
16	Mobilization, Bonds, Insurance	L.S.	1	\$46,200.00	\$46,200.00
17	Erosion Control	L.F.	5,271	\$2.00	\$10,542.00
18	Traffic Control/ Construction Signing	L.F.	5,271	\$2.00	\$10,542.00
19	Grading / Excavation	C.Y.	1,000	\$15.00	\$15,000.00
20	Utility Adjustments	EA.	27	\$500.00	\$13,500.00
21	Remove Existing Sidewalk	S.Y.	4,323	\$14.00	\$60,522.00
22	Barrier-Free Ramps	EA.	16	\$2,500.00	\$40,000.00
23	Drainage Structures	L.S.	0	\$0.00	\$0.00
24	Pedestrian Bridges	L.F.	150	\$1,800.00	\$270,000.00
25	Reinforced Concrete Trail (8')	S.Y.	4,690	\$60.00	\$281,400.00
26	Intersection Signal Improvements	EA.	5	\$20,000.00	\$100,000.00
27	Driveway Crossings	EA.	9	\$5,500.00	\$49,500.00
28	Sodding / Seeding	S.Y.	5,860	\$7.00	\$41,020.00
29	Pedestrian Signs	EA.	6	\$500.00	\$3,000.00
30	Miscellaneous Items	L.S.	1	\$44,000.00	\$44,000.00
Wide Sidewalk Total:					\$985,226.00

- Notes:
1. Does not include and right-of-way, easement or property costs.
 2. Does not include engineering or administrative fees.
 3. Does not include any permitting or mitigation costs.
 4. Does not include costs for underground franchise utility adjustments

OPINION OF PROBABLE CONSTRUCTION COST

PARKS AND OPEN SPACE MASTER PLAN
City of Grand Prairie



BW2 Engineers, Inc.
No. 16-1756

SEGMENT "D"

4/10/2017

Item No.	Description	Unit	Est. Quantity	Unit Cost	Cost
----- TRAIL SECTION -----					
1	Mobilization, Bonds, Insurance	L.S.	1	\$22,300.00	\$22,300.00
2	Erosion Control	L.F.	3,373	\$2.00	\$6,746.00
3	Traffic Control/ Construction Signing	L.F.	3,373	\$2.00	\$6,746.00
4	Grading / Excavation	C.Y.	1,500	\$15.00	\$22,500.00
5	Utility Adjustments	EA.	17	\$500.00	\$8,500.00
6	Remove Existing Sidewalk	S.Y.	1,500	\$14.00	\$21,000.00
7	Barrier-Free Ramps	EA.	8	\$2,500.00	\$20,000.00
8	Drainage Structures	L.S.	0	\$0.00	\$0.00
9	Pedestrian Bridges	L.F.	0	\$1,800.00	\$0.00
10	Reinforced Concrete Trail (10')	S.Y.	3,750	\$60.00	\$225,000.00
11	Intersection Signal Improvements	EA.	3	\$20,000.00	\$60,000.00
12	Driveway Crossings	EA.	4	\$5,500.00	\$22,000.00
13	Sodding / Seeding	S.Y.	7,500	\$7.00	\$52,500.00
14	Pedestrian Signs	EA.	4	\$500.00	\$2,000.00
15	Miscellaneous Items	L.S.	1	\$21,200.00	\$21,200.00
Trail Total:					\$490,492.00
----- WIDE SIDEWALK SECTION -----					
16	Mobilization, Bonds, Insurance	L.S.	1	\$29,800.00	\$29,800.00
17	Erosion Control	L.F.	6,122	\$2.00	\$12,244.00
18	Traffic Control/ Construction Signing	L.F.	6,122	\$2.00	\$12,244.00
19	Grading / Excavation	C.Y.	1,150	\$15.00	\$17,250.00
20	Utility Adjustments	EA.	31	\$500.00	\$15,500.00
21	Remove Existing Sidewalk	S.Y.	3,405	\$14.00	\$47,670.00
22	Barrier-Free Ramps	EA.	12	\$2,500.00	\$30,000.00
23	Drainage Structures	L.S.	0	\$0.00	\$0.00
24	Pedestrian Bridges	L.F.	0	\$1,800.00	\$0.00
25	Reinforced Concrete Trail (8')	S.Y.	5,450	\$60.00	\$327,000.00
26	Intersection Signal Improvements	EA.	3	\$20,000.00	\$60,000.00
27	Driveway Crossings	EA.	2	\$5,500.00	\$11,000.00
28	Sodding / Seeding	S.Y.	6,810	\$7.00	\$47,670.00
29	Pedestrian Signs	EA.	7	\$500.00	\$3,500.00
30	Miscellaneous Items	L.S.	1	\$28,400.00	\$28,400.00
Wide Sidewalk Total:					\$642,278.00

- Notes:
1. Does not include and right-of-way, easement or property costs.
 2. Does not include engineering or administrative fees.
 3. Does not include any permitting or mitigation costs.
 4. Does not include costs for underground franchise utility adjustments

OPINION OF PROBABLE CONSTRUCTION COST

PARKS AND OPEN SPACE MASTER PLAN
City of Grand Prairie



BW2 Engineers, Inc.
No. 16-1756

SEGMENT "E"

4/10/2017

Item No.	Description	Unit	Est. Quantity	Unit Cost	Cost
----- TRAIL SECTION -----					
1	Mobilization, Bonds, Insurance	L.S.	1	\$42,400.00	\$42,400.00
2	Erosion Control	L.F.	6,739	\$2.00	\$13,478.00
3	Traffic Control/ Construction Signing	L.F.	6,739	\$2.00	\$13,478.00
4	Grading / Excavation	C.Y.	3,000	\$15.00	\$45,000.00
5	Utility Adjustments	EA.	34	\$500.00	\$17,000.00
6	Remove Existing Sidewalk	S.Y.	3,000	\$14.00	\$42,000.00
7	Barrier-Free Ramps	EA.	12	\$2,500.00	\$30,000.00
8	Drainage Structures	L.S.	0	\$0.00	\$0.00
9	Pedestrian Bridges	L.F.	0	\$1,800.00	\$0.00
10	Reinforced Concrete Trail (10')	S.Y.	7,490	\$60.00	\$449,400.00
11	Intersection Signal Improvements	EA.	5	\$20,000.00	\$100,000.00
12	Driveway Crossings	EA.	6	\$5,500.00	\$33,000.00
13	Sodding / Seeding	S.Y.	14,975	\$7.00	\$104,825.00
14	Pedestrian Signs	EA.	7	\$500.00	\$3,500.00
15	Miscellaneous Items	L.S.	1	\$40,400.00	\$40,400.00
Trail Total:					\$934,481.00

----- WIDE SIDEWALK SECTION -----					
16	Mobilization, Bonds, Insurance	L.S.	1	\$62,500.00	\$62,500.00
17	Erosion Control	L.F.	10,921	\$2.00	\$21,842.00
18	Traffic Control/ Construction Signing	L.F.	10,921	\$2.00	\$21,842.00
19	Grading / Excavation	C.Y.	2,050	\$15.00	\$30,750.00
20	Utility Adjustments	EA.	55	\$500.00	\$27,500.00
21	Remove Existing Sidewalk	S.Y.	4,860	\$14.00	\$68,040.00
22	Barrier-Free Ramps	EA.	38	\$2,500.00	\$95,000.00
23	Drainage Structures	L.S.	0	\$0.00	\$0.00
24	Pedestrian Bridges	L.F.	0	\$1,800.00	\$0.00
25	Reinforced Concrete Trail (8')	S.Y.	9,710	\$60.00	\$582,600.00
26	Intersection Signal Improvements	EA.	5	\$20,000.00	\$100,000.00
27	Driveway Crossings	EA.	33	\$5,500.00	\$181,500.00
28	Sodding / Seeding	S.Y.	12,135	\$7.00	\$84,945.00
29	Pedestrian Signs	EA.	11	\$500.00	\$5,500.00
30	Miscellaneous Items	L.S.	1	\$59,500.00	\$59,500.00
Wide Sidewalk Total:					\$1,341,519.00

* Assumes using roadway bridge along Corn Valley (at creeks).

- Notes:
1. Does not include and right-of-way, easement or property costs.
 2. Does not include engineering or administrative fees.
 3. Does not include any permitting or mitigation costs.
 4. Does not include costs for underground franchise utility adjustments

OPINION OF PROBABLE CONSTRUCTION COST

PARKS AND OPEN SPACE MASTER PLAN
City of Grand Prairie



BW2 Engineers, Inc.
No. 16-1756

SEGMENT "F"

4/10/2017

Item No.	Description	Unit	Est. Quantity	Unit Cost	Cost
----- TRAIL SECTION -----					
1	Mobilization, Bonds, Insurance	L.S.	1	\$73,000.00	\$73,000.00
2	Erosion Control	L.F.	13,751	\$2.00	\$27,502.00
3	Traffic Control/ Construction Signing	L.F.	13,751	\$2.00	\$27,502.00
4	Grading / Excavation	C.Y.	6,100	\$15.00	\$91,500.00
5	Utility Adjustments	EA.	69	\$500.00	\$34,500.00
6	Remove Existing Sidewalk	S.Y.	1,550	\$14.00	\$21,700.00
7	Barrier-Free Ramps	EA.	16	\$2,500.00	\$40,000.00
8	Drainage Structures	L.S.	2	\$20,000.00	\$40,000.00
9	Pedestrian Bridges	L.F.	0	\$1,800.00	\$0.00
10	Reinforced Concrete Trail (10')	S.Y.	15,280	\$60.00	\$916,800.00
11	Intersection Signal Improvements	EA.	2	\$20,000.00	\$40,000.00
12	Driveway Crossings	EA.	18	\$5,500.00	\$99,000.00
13	Sodding / Seeding	S.Y.	22,920	\$6.00	\$137,520.00
14	Pedestrian Signs	EA.	14	\$500.00	\$7,000.00
15	Miscellaneous Items	L.S.	1	\$69,600.00	\$69,600.00
Trail Total:					\$1,625,624.00

* Assumes using roadway bridges along Tarrant Road for crossing creeks.

----- WIDE SIDEWALK SECTION -----					
16	Mobilization, Bonds, Insurance	L.S.	1	\$38,900.00	\$38,900.00
17	Erosion Control	L.F.	8,552	\$2.00	\$17,104.00
18	Traffic Control/ Construction Signing	L.F.	8,552	\$2.00	\$17,104.00
19	Grading / Excavation	C.Y.	1,600	\$15.00	\$24,000.00
20	Utility Adjustments	EA.	43	\$500.00	\$21,500.00
21	Remove Existing Sidewalk	S.Y.	3,610	\$14.00	\$50,540.00
22	Barrier-Free Ramps	EA.	17	\$2,500.00	\$42,500.00
23	Drainage Structures	L.S.	1	\$5,000.00	\$5,000.00
24	Pedestrian Bridges	L.F.	0	\$1,800.00	\$0.00
25	Reinforced Concrete Trail (8')	S.Y.	7,610	\$60.00	\$456,600.00
26	Intersection Signal Improvements	EA.	2	\$20,000.00	\$40,000.00
27	Driveway Crossings	EA.	2	\$5,500.00	\$11,000.00
28	Sodding / Seeding	S.Y.	9,510	\$7.00	\$66,570.00
29	Pedestrian Signs	EA.	23	\$500.00	\$11,500.00
30	Miscellaneous Items	L.S.	1	\$37,000.00	\$37,000.00
Wide Sidewalk Total:					\$839,318.00

* Includes some signs for on-street bike route.

- Notes:
1. Does not include and right-of-way, easement or property costs.
 2. Does not include engineering or administrative fees.
 3. Does not include any permitting or mitigation costs.
 4. Does not include costs for underground franchise utility adjustments

OPINION OF PROBABLE CONSTRUCTION COST

PARKS AND OPEN SPACE MASTER PLAN
City of Grand Prairie



BW2 Engineers, Inc.
No. 16-1756

SEGMENT "G"

4/10/2017

Item No.	Description	Unit	Est. Quantity	Unit Cost	Cost
----- TRAIL SECTION -----					
1	Mobilization, Bonds, Insurance	L.S.	1	\$114,200.00	\$114,200.00
2	Erosion Control	L.F.	14,504	\$2.00	\$29,008.00
3	Traffic Control/ Construction Signing	L.F.	14,504	\$1.50	\$21,756.00
4	Grading / Excavation	C.Y.	7,500	\$15.00	\$112,500.00
5	Utility Adjustments	EA.	73	\$500.00	\$36,500.00
6	Remove Existing Sidewalk	S.Y.	350	\$14.00	\$4,900.00
7	Barrier-Free Ramps	EA.	12	\$2,500.00	\$30,000.00
8	Drainage Structures	L.S.	5	\$15,000.00	\$75,000.00
9	Pedestrian Bridges	L.F.	250	\$1,800.00	\$450,000.00
10	Reinforced Concrete Trail (12')	S.Y.	19,350	\$60.00	\$1,161,000.00
11	Intersection Signal Improvements	EA.	5	\$20,000.00	\$100,000.00
12	Driveway Crossings	EA.	11	\$5,500.00	\$60,500.00
13	Sodding / Seeding	S.Y.	32,250	\$6.00	\$193,500.00
14	Pedestrian Signs	EA.	26	\$500.00	\$13,000.00
15	Miscellaneous Items	L.S.	1	\$108,000.00	\$108,000.00
Trail Total:					\$2,509,864.00

* Includes some signs for on-street bike route.

----- WIDE SIDEWALK SECTION -----					
16	Mobilization, Bonds, Insurance	L.S.	0		\$0.00
17	Erosion Control	L.F.	0		\$0.00
18	Traffic Control/ Construction Signing	L.F.	0		\$0.00
19	Grading / Excavation	C.Y.	0		\$0.00
20	Utility Adjustments	EA.	0		\$0.00
21	Remove Existing Sidewalk	S.Y.	0		\$0.00
22	Barrier-Free Ramps	EA.	0		\$0.00
23	Drainage Structures	L.S.	0		\$0.00
24	Pedestrian Bridges	L.F.	0		\$0.00
25	Reinforced Concrete Trail (8')	S.Y.	0		\$0.00
26	Intersection Signal Improvements	EA.	0		\$0.00
27	Driveway Crossings	EA.	0		\$0.00
28	Sodding / Seeding	S.Y.	0		\$0.00
29	Pedestrian Signs	EA.	0		\$0.00
30	Miscellaneous Items	L.S.	0		\$0.00
Wide Sidewalk Total:					\$0.00

- Notes:
1. Does not include and right-of-way, easement or property costs.
 2. Does not include engineering or administrative fees.
 3. Does not include any permitting or mitigation costs.
 4. Does not include costs for underground franchise utility adjustments

OPINION OF PROBABLE CONSTRUCTION COST

PARKS AND OPEN SPACE MASTER PLAN
City of Grand Prairie



BW2 Engineers, Inc.
No. 16-1756

SEGMENT "H"

4/10/2017

Item No.	Description	Unit	Est. Quantity	Unit Cost	Cost
----- TRAIL SECTION -----					
1	Mobilization, Bonds, Insurance	L.S.	1	\$88,900.00	\$88,900.00
2	Erosion Control	L.F.	18,389	\$2.00	\$36,778.00
3	Traffic Control/ Construction Signing	L.F.	18,389	\$1.50	\$27,583.50
4	Grading / Excavation	C.Y.	9,500	\$15.00	\$142,500.00
5	Utility Adjustments	EA.	10	\$500.00	\$5,000.00
6	Remove Existing Sidewalk	S.Y.	0	\$14.00	\$0.00
7	Barrier-Free Ramps	EA.	7	\$2,500.00	\$17,500.00
8	Drainage Structures	L.S.	1	\$80,000.00	\$80,000.00
9	Pedestrian Bridges	L.F.	0	\$1,800.00	\$0.00
10	Reinforced Concrete Trail (12')	S.Y.	24,520	\$50.00	\$1,226,000.00
11	Intersection Signal Improvements	EA.	2	\$20,000.00	\$40,000.00
12	Driveway Crossings	EA.	1	\$5,500.00	\$5,500.00
13	Sodding / Seeding	S.Y.	40,870	\$6.00	\$245,220.00
14	Pedestrian Signs	EA.	19	\$500.00	\$9,500.00
15	Miscellaneous Items	L.S.	1	\$84,700.00	\$84,700.00
Trail Total:					\$2,009,181.50

* Assumes bridges over Joe Pool Lake will be reconstructed in the future to incorporate new trail. No bridge or trail costs included.

----- WIDE SIDEWALK SECTION -----					
16	Mobilization, Bonds, Insurance	L.S.	1	\$63,000.00	\$63,000.00
17	Erosion Control	L.F.	1	\$20,000.00	\$20,000.00
18	Traffic Control/ Construction Signing	L.F.	1	\$10,000.00	\$10,000.00
19	Grading / Excavation	C.Y.	2,600	\$15.00	\$39,000.00
20	Utility Adjustments	EA.	1,635	\$55.00	\$89,925.00
21	Remove Existing Sidewalk	S.Y.	550	\$18.00	\$9,900.00
22	Barrier-Free Ramps	EA.	1,650	\$1.50	\$2,475.00
23	Drainage Structures	L.S.	1,250	\$8.00	\$10,000.00
24	Pedestrian Bridges	L.F.	46	\$25.00	\$1,150.00
25	Reinforced Concrete Trail (8')	S.Y.	60	\$35.00	\$2,100.00
26	Intersection Signal Improvements	EA.	2	\$550.00	\$1,100.00
27	Driveway Crossings	EA.	1	\$750.00	\$750.00
28	Sodding / Seeding	S.Y.	185	\$12.00	\$2,220.00
29	Pedestrian Signs	EA.	100	\$17.00	\$1,700.00
30	Miscellaneous Items	L.S.	1	\$400.00	\$400.00
Wide Sidewalk Total:					\$253,720.00

- Notes:
1. Does not include and right-of-way, easement or property costs.
 2. Does not include engineering or administrative fees.
 3. Does not include any permitting or mitigation costs.
 4. Does not include costs for underground franchise utility adjustments

OPINION OF PROBABLE CONSTRUCTION COST

**PARKS AND OPEN SPACE MASTER PLAN
City of Grand Prairie**



*BW2 Engineers, Inc.
No. 16-1756*

SEGMENT "I"

4/10/2017

Item No.	Description	Unit	Est. Quantity	Unit Cost	Cost
----- TRAIL SECTION -----					
1	Mobilization, Bonds, Insurance	L.S.	1	\$436,600.00	\$436,600.00
2	Erosion Control	L.F.	67,658	\$2.00	\$135,316.00
3	Traffic Control/ Construction Signing	L.F.	67,658	\$1.50	\$101,487.00
4	Grading / Excavation	C.Y.	35,000	\$15.00	\$525,000.00
5	Utility Adjustments	EA.	136	\$500.00	\$68,000.00
6	Remove Existing Sidewalk	S.Y.	0	\$14.00	\$0.00
7	Barrier-Free Ramps	EA.	10	\$2,500.00	\$25,000.00
8	Drainage Structures	L.S.	20	\$10,000.00	\$200,000.00
9	Pedestrian Bridges	L.F.	1,550	\$1,800.00	\$2,790,000.00
10	Reinforced Concrete Trail (12')	S.Y.	90,210	\$50.00	\$4,510,500.00
11	Intersection Signal Improvements	EA.	0	\$0.00	\$0.00
12	Driveway Crossings	EA.	0	\$5,500.00	\$0.00
13	Sodding / Seeding	S.Y.	150,300	\$3.00	\$450,900.00
14	Pedestrian Signs	EA.	68	\$500.00	\$34,000.00
15	Miscellaneous Items	L.S.	1	\$415,800.00	\$415,800.00
Trail Total:					\$9,692,603.00

* Assumes there is room to cross under roadway and railroad bridges (using benches). No at-grade railroad or roadway crossings included.

----- WIDE SIDEWALK SECTION -----					
16	Mobilization, Bonds, Insurance	L.S.	0		\$0.00
17	Erosion Control	L.F.	0		\$0.00
18	Traffic Control/ Construction Signing	L.F.	0		\$0.00
19	Grading / Excavation	C.Y.	0		\$0.00
20	Utility Adjustments	EA.	0		\$0.00
21	Remove Existing Sidewalk	S.Y.	0		\$0.00
22	Barrier-Free Ramps	EA.	0		\$0.00
23	Drainage Structures	L.S.	0		\$0.00
24	Pedestrian Bridges	L.F.	0		\$0.00
25	Reinforced Concrete Trail (8')	S.Y.	0		\$0.00
26	Intersection Signal Improvements	EA.	0		\$0.00
27	Driveway Crossings	EA.	0		\$0.00
28	Sodding / Seeding	S.Y.	0		\$0.00
29	Pedestrian Signs	EA.	0		\$0.00
30	Miscellaneous Items	L.S.	0		\$0.00
Wide Sidewalk Total:					\$0.00

- Notes:
1. Does not include and right-of-way, easement or property costs.
 2. Does not include engineering or administrative fees.
 3. Does not include any permitting or mitigation costs.
 4. Does not include costs for underground franchise utility adjustments

OPINION OF PROBABLE CONSTRUCTION COST

PARKS AND OPEN SPACE MASTER PLAN
City of Grand Prairie



BW2 Engineers, Inc.
No. 16-1756

SEGMENT "J"

4/10/2017

Item No.	Description	Unit	Est. Quantity	Unit Cost	Cost
----- TRAIL SECTION -----					
1	Mobilization, Bonds, Insurance	L.S.	1	\$122,800.00	\$122,800.00
2	Erosion Control	L.F.	20,185	\$2.00	\$40,370.00
3	Traffic Control/ Construction Signing	L.F.	20,185	\$1.50	\$30,277.50
4	Grading / Excavation	C.Y.	10,500	\$15.00	\$157,500.00
5	Utility Adjustments	EA.	21	\$500.00	\$10,500.00
6	Remove Existing Sidewalk	S.Y.	0	\$14.00	\$0.00
7	Barrier-Free Ramps	EA.	7	\$2,500.00	\$17,500.00
8	Drainage Structures	L.S.	2	\$15,000.00	\$30,000.00
9	Pedestrian Bridges	L.F.	250	\$1,800.00	\$450,000.00
10	Reinforced Concrete Trail (12')	S.Y.	27,000	\$55.00	\$1,485,000.00
11	Intersection Signal Improvements	EA.	2	\$20,000.00	\$40,000.00
12	Driveway Crossings	EA.	0	\$5,500.00	\$0.00
13	Sodding / Seeding	S.Y.	44,860	\$5.00	\$224,300.00
14	Pedestrian Signs	EA.	21	\$500.00	\$10,500.00
15	Miscellaneous Items	L.S.	1	\$117,000.00	\$117,000.00
Trail Total:					\$2,735,747.50

----- WIDE SIDEWALK SECTION -----					
16	Mobilization, Bonds, Insurance	L.S.	1	\$35,610.00	\$35,610.00
17	Erosion Control	L.F.	8,824	\$2.00	\$17,648.00
18	Traffic Control/ Construction Signing	L.F.	8,824	\$2.00	\$17,648.00
19	Grading / Excavation	C.Y.	1,700	\$15.00	\$25,500.00
20	Utility Adjustments	EA.	45	\$500.00	\$22,500.00
21	Remove Existing Sidewalk	S.Y.	3,950	\$14.00	\$55,300.00
22	Barrier-Free Ramps	EA.	18	\$2,500.00	\$45,000.00
23	Drainage Structures	L.S.	1	\$15,000.00	\$15,000.00
24	Pedestrian Bridges	L.F.	0	\$1,800.00	\$0.00
25	Reinforced Concrete Trail (8')	S.Y.	5,890	\$60.00	\$353,400.00
26	Intersection Signal Improvements	EA.	2	\$20,000.00	\$40,000.00
27	Driveway Crossings	EA.	7	\$5,500.00	\$38,500.00
28	Sodding / Seeding	S.Y.	9,810	\$7.00	\$68,670.00
29	Pedestrian Signs	EA.	9	\$500.00	\$4,500.00
30	Miscellaneous Items	L.S.	1	\$34,000.00	\$34,000.00
Wide Sidewalk Total:					\$773,276.00

- Notes:
1. Does not include and right-of-way, easement or property costs.
 2. Does not include engineering or administrative fees.
 3. Does not include any permitting or mitigation costs.
 4. Does not include costs for underground franchise utility adjustments

OPINION OF PROBABLE CONSTRUCTION COST

PARKS AND OPEN SPACE MASTER PLAN
City of Grand Prairie



BW2 Engineers, Inc.
No. 16-1756

SEGMENT "K"

4/10/2017

Item No.	Description	Unit	Est. Quantity	Unit Cost	Cost
----- TRAIL SECTION -----					
1	Mobilization, Bonds, Insurance	L.S.	1	\$180,700.00	\$180,700.00
2	Erosion Control	L.F.	35,829	\$2.00	\$71,658.00
3	Traffic Control/ Construction Signing	L.F.	35,829	\$1.50	\$53,743.50
4	Grading / Excavation	C.Y.	18,500	\$15.00	\$277,500.00
5	Utility Adjustments	EA.	72	\$500.00	\$36,000.00
6	Remove Existing Sidewalk	S.Y.	0	\$14.00	\$0.00
7	Barrier-Free Ramps	EA.	20	\$2,500.00	\$50,000.00
8	Drainage Structures	L.S.	3	\$30,000.00	\$90,000.00
9	Pedestrian Bridges	L.F.	0	\$1,800.00	\$0.00
10	Reinforced Concrete Trail (12')	S.Y.	47,780	\$55.00	\$2,627,900.00
11	Intersection Signal Improvements	EA.	4	\$20,000.00	\$80,000.00
12	Driveway Crossings	EA.	3	\$5,500.00	\$16,500.00
13	Sodding / Seeding	S.Y.	79,620	\$5.00	\$398,100.00
14	Pedestrian Signs	EA.	36	\$500.00	\$18,000.00
15	Miscellaneous Items	L.S.	1	\$172,095.00	\$172,095.00
Trail Total:					\$4,072,196.50
----- WIDE SIDEWALK SECTION -----					
16	Mobilization, Bonds, Insurance	L.S.	1	\$45,400.00	\$45,400.00
17	Erosion Control	L.F.	8,939	\$2.00	\$17,878.00
18	Traffic Control/ Construction Signing	L.F.	8,939	\$2.00	\$17,878.00
19	Grading / Excavation	C.Y.	1,700	\$15.00	\$25,500.00
20	Utility Adjustments	EA.	47	\$500.00	\$23,500.00
21	Remove Existing Sidewalk	S.Y.	2,700	\$14.00	\$37,800.00
22	Barrier-Free Ramps	EA.	30	\$2,500.00	\$75,000.00
23	Drainage Structures	L.S.	2	\$25,000.00	\$50,000.00
24	Pedestrian Bridges	L.F.	0	\$1,800.00	\$0.00
25	Reinforced Concrete Trail (8')	S.Y.	8,000	\$60.00	\$480,000.00
26	Intersection Signal Improvements	EA.	3	\$20,000.00	\$60,000.00
27	Driveway Crossings	EA.	5	\$5,500.00	\$27,500.00
28	Sodding / Seeding	S.Y.	9,950	\$7.00	\$69,650.00
29	Pedestrian Signs	EA.	9	\$500.00	\$4,500.00
30	Miscellaneous Items	L.S.	1	\$43,200.00	\$43,200.00
Wide Sidewalk Total:					\$977,806.00

- Notes:
1. Does not include and right-of-way, easement or property costs.
 2. Does not include engineering or administrative fees.
 3. Does not include any permitting or mitigation costs.
 4. Does not include costs for underground franchise utility adjustments

OPINION OF PROBABLE CONSTRUCTION COST

PARKS AND OPEN SPACE MASTER PLAN
City of Grand Prairie



BW2 Engineers, Inc.
No. 16-1756

SEGMENT "L"

4/10/2017

Item No.	Description	Unit	Est. Quantity	Unit Cost	Cost
----- TRAIL SECTION -----					
1	Mobilization, Bonds, Insurance	L.S.	1	\$79,700.00	\$79,700.00
2	Erosion Control	L.F.	11,049	\$2.00	\$22,098.00
3	Traffic Control/ Construction Signing	L.F.	11,049	\$1.50	\$16,573.50
4	Grading / Excavation	C.Y.	5,700	\$15.00	\$85,500.00
5	Utility Adjustments	EA.	22	\$500.00	\$11,000.00
6	Remove Existing Sidewalk	S.Y.	575	\$14.00	\$8,050.00
7	Barrier-Free Ramps	EA.	7	\$2,500.00	\$17,500.00
8	Drainage Structures	L.S.	3	\$20,000.00	\$60,000.00
9	Pedestrian Bridges	L.F.	150	\$1,800.00	\$270,000.00
10	Reinforced Concrete Trail (12')	S.Y.	14,732	\$60.00	\$883,920.00
11	Intersection Signal Improvements	EA.	3	\$25,000.00	\$75,000.00
12	Driveway Crossings	EA.	3	\$5,500.00	\$16,500.00
13	Sodding / Seeding	S.Y.	24,600	\$5.00	\$123,000.00
14	Pedestrian Signs	EA.	26	\$500.00	\$13,000.00
15	Miscellaneous Items	L.S.	1	\$75,840.00	\$75,840.00
Trail Total:					\$1,757,681.50

- * Assumes using existing creek bench area to cross under RR spur.
- * Assumes using existing creek bench area to cross under S.H. 360.
- * Includes some signs for on-street bike route.

----- WIDE SIDEWALK SECTION -----					
16	Mobilization, Bonds, Insurance	L.S.	0		\$0.00
17	Erosion Control	L.F.	0		\$0.00
18	Traffic Control/ Construction Signing	L.F.	0		\$0.00
19	Grading / Excavation	C.Y.	0		\$0.00
20	Utility Adjustments	EA.	0		\$0.00
21	Remove Existing Sidewalk	S.Y.	0		\$0.00
22	Barrier-Free Ramps	EA.	0		\$0.00
23	Drainage Structures	L.S.	0		\$0.00
24	Pedestrian Bridges	L.F.	0		\$0.00
25	Reinforced Concrete Trail (8')	S.Y.	0		\$0.00
26	Intersection Signal Improvements	EA.	0		\$0.00
27	Driveway Crossings	EA.	0		\$0.00
28	Sodding / Seeding	S.Y.	0		\$0.00
29	Pedestrian Signs	EA.	0		\$0.00
30	Miscellaneous Items	L.S.	0		\$0.00
Wide Sidewalk Total:					\$0.00

- Notes:
1. Does not include and right-of-way, easement or property costs.
 2. Does not include engineering or administrative fees.
 3. Does not include any permitting or mitigation costs.
 4. Does not include costs for underground franchise utility adjustments

