City of Grapevine
Parks and Recreation Master Plan Update

May 2011

Table of Contents

Executive Summary **3**
Overview of the Grapevine Parks and Recreation Department **7**
General 7
Additional Quick Facts: 7
Grapevine Parks 8
Grapevine Recreation Facilities 8
Community Input Summary **9**
Qualitative Input Summary 9
Quantitative Input Summary 11
Summary of Site and Facility Assessments **15**
Key Findings 15
Parks and Recreation Needs Analysis **17**
Demographic Analysis 17
Trends Analysis 24
Site and Facility Level of Service Analysis 30
Park Classifications 30
Site and Facility Level of Service Standards 34
Prioritized Needs Summary 43
Summary of Recommendations **45**
Site and Facility Recommendations 45
Operational Recommendations 53
Community Values Model and Implementation Plan **55**
Strategies of the Master Plan Update 55
Programs and Services 58
Capital Improvement Plan 59

Appendix A – Site and Facility Assessments **67**
Appendix B – Complete History by Park **82**
Appendix C – Environmentally Sensitive Areas **88**
Appendix D – Additional Maps **97**

Executive Summary

The City of Grapevine is a historic community nestled in the heart of the Dallas-Fort Worth metro-plex that has managed to maintain a strong sense of individual character and identity amidst the fast pace of surrounding cities. Grapevine is home to numerous regional destinations and attractions, many of which are owned, operated, or partnered with the Grapevine Parks and Recreation Department.

The Grapevine Parks and Recreation Department ("Department") is widely respected as a best-practice agency in the State of Texas for maintaining a consistent standard of excellence and level of service for residents of Grapevine and visitors to the city. This *Parks and Recreation Master Plan Update* is designed to support the Department in continuing to provide innovative and well balanced facilities and programs in the community as the city grows and evolves.

Guiding Principles and Objectives of the Master Plan Update

The master plan update has been developed under the following guiding principles and objectives:

- Sustainably grow the best practices and quality services of the City of Grapevine
- Serve the relevant park and recreational needs of existing and new residents of Grapevine
- Further position the City as a regional and state-wide destination, while protecting the accessibility of city facilities and programs for residents
- Support the City to qualify for enhanced partnerships and funding opportunities in both the public and private sectors
- Leave a positive legacy for current and future generations of Grapevine residents

Grapevine Parks and Recreation Today

Parks and recreation in Grapevine is considered to be a central component of the quality of life of residents and overall vitality of the community. The parks and recreation system is comprised of multiple high quality trails, campgrounds, sport complexes, recreation center, and senior activities center that serve a diverse public with diverse needs. The recreation programs and leagues of the Department are highly popular not just for residents, but for numerous surrounding communities because of their consistent standard of excellence. A few quick facts regarding the Grapevine Parks and Recreation Department are listed below:

- Grapevine Parks and Recreation Department **operates and manages 38 park sites totaling 1,553 acres, six major recreation and special use facilities, and a network trails** renowned in the state for excellent hiking and mountain biking.
- Since 1986, Grapevine Parks and Recreation Department has **received 66 awards granted by local, regional, state and national organizations** for excellence in facilities, programs, maintenance, and environmental stewardship. **Forty-four (44) of these awards have been received in the last 10 years.**
- Since 1994, Grapevine Parks and Recreation Department has **leveraged the funds and resources of the City and local taxes with $7,219,685 in grants** received to support capital and operational projects.
- Since 1993, Grapevine Parks and Recreation Department **has added 938 acres of park lands, 32 acres of landscaped medians, 17 miles of hike and bike trails, and seven large recreation facilities**, while dramatically improving cost recovery through generated revenues.

The Grapevine Parks and Recreation Department has **increased the inventory of park sites and recreation facilities by <u>over 300%</u> in acreage and square feet since 1993**.

A Vision for the Future

The foundation of this master plan update was a comprehensive public input process to capture and understand the *shared* vision of the community for parks and recreation in the future. While not all residents agree on all aspects of the Department, its services, and its function, there is a respectable consensus around the following:

- The creative integration of art, recreation and hospitality is an underlying strategy for growing the appeal of the community and its economy.
- Preserving the integrity of the natural landscapes and natural areas in and around the City of Grapevine, as well as further promoting environmental stewardship as a program and operational practice are common priorities.
- The recreational needs of residents are the primary area of focus for the Grapevine Parks and Recreation Department, while serving visitors from surrounding cities in a balanced format can help support the costs of programs and services to everyone.
- The Department should find appropriate and innovative ways to improve revenue generation to support operating costs in order to become more financially sustainable.
- The recreational needs of the community have outgrown some facilities in the system, making upgrades and enhancements to these facilities a relevant priority in the near future.

All recommendations and strategies of this master plan update have been aligned with these common visionary elements of the community.

Core Services of the Grapevine Parks and Recreation Department

Mission Statement

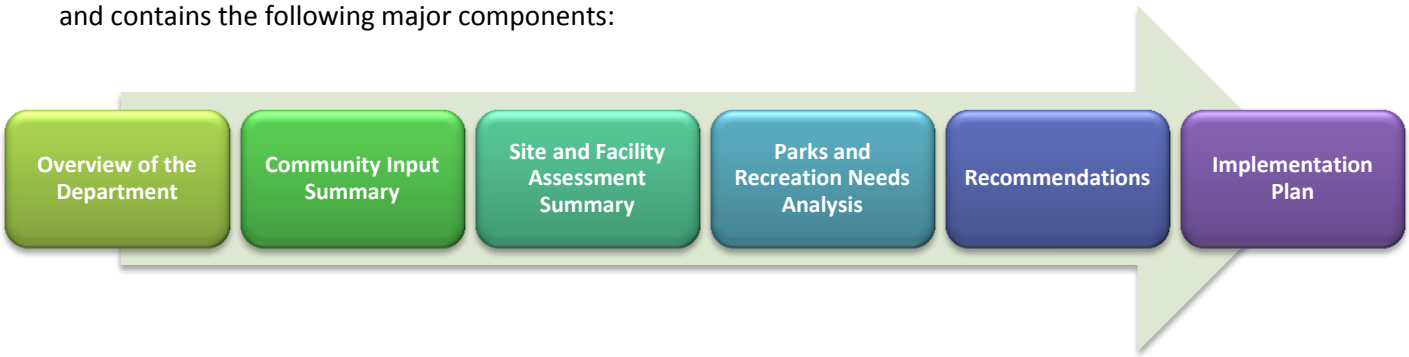
To enhance the quality of life of the citizens of Grapevine, through stewardship of our natural resources and the responsive provision of quality leisure opportunities.

The functional core services of the Grapevine Parks and Recreation Department are:

- **Care of Infrastructure**
  - Parks, facilities, pools and trails
- **Health and Prevention**
  - After-school programs, senior, adult, teen, youth, & family wellness
- **Safety**
  - Parks and facility supervision, maintenance, water safety
- **Community Heritage & Preservation**
  - Conservation, heritage awareness, parks and green space

The Logical Flow of this Report

This *Parks and Recreation Master Plan Update* flows in a logical path for responsive community planning and contains the following major components:



Key Recommendations and Priorities

Maintaining What We Have

Grapevine Parks and Recreation Department has many high-quality parks and recreational amenities, as well as being renowned for having an excellent standard of service and programming. It is important to protect and maintain the quality and integrity of these community assets and operational practices. These include:

Oak Grove Ballfield Complex

- State-of-the-art sports complexes
- Lakeside campground with RV sites and cabins
- Updated playgrounds
- Multi-use trail system
- Diversity of recreational fields and sport courts
- Pavilions and picnic shelters
- Superb customer service
- Regionally acclaimed programs, events, and leagues
- Timely communication tools and media
- Successful grant acquisition
- Consistent responsiveness to community interests, needs, and concerns

Improving What We Have

While there are many things the Grapevine Parks and Recreation Department does exceptionally well, there are a few opportunities to improve the quality of assets and amenities in the system. These include:

Community Activities Center

- Park restrooms and drinking fountains
- Landscaped medians
- Completing unfinished parks
- Expanding the Community Activities Center
- Expanding the Senior Activities Center
- Developing a consistent park signage program

Building and Developing New

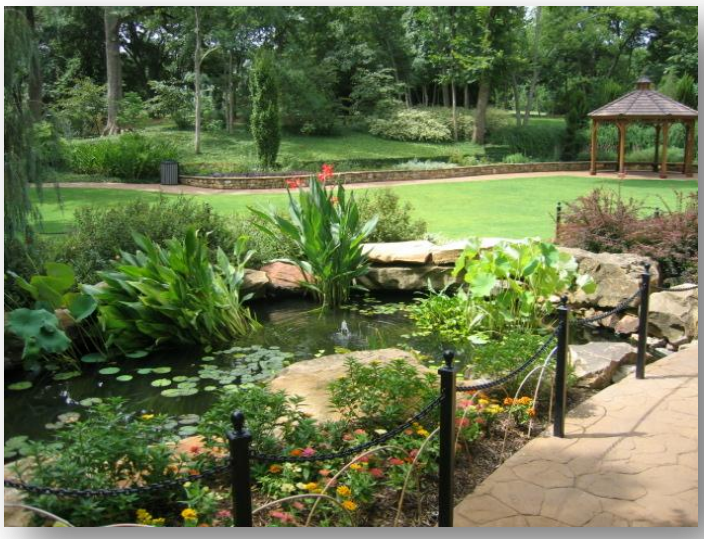
Grapevine remains a community that is poised for new opportunities in the region, of which the Grapevine Parks and Recreation Department can play a significant role. The following new development projects have been identified as relevant to the interests and needs of the community, and feature a high probability of success:

- 50 – 70 acre special events park
- Additional multi-use trails
    - Connecting parks
    - Improving connectivity within the community
- Wall – Farrar Nature Park
- City point-of-entry signage and landscaping
- Outdoor amphitheater and special events venue
- Complete the development of a citywide on-road bike plan

Enhancing Operations

Grapevine Parks and Recreation Department is regionally known as a statewide best practices organization, as reflected in the 66 awards the Department has earned since 1993. One of the primary goals of this master plan update is to navigate to more sustainable operations as a Department. The following key strategies represent major strides towards this goal:

- Lower maintenance cost through phasing turfgrass areas to groundcover, ornamental grasses, and/or native mass plantings
- Develop maintenance standards that are closely aligned with total costs of service
- Improve and expand recreational programming at lake parks
- Develop a close working relationship with a non-profit fund development partner
- Develop a general Resource Management Plan for the Department to address management techniques that reflect best practices for natural and cultural resources of which the Department is a steward, especially designated environmentally sensitive areas (ESA's)
- Develop site specific Resource Management Plans for each park in the system that addresses the unique resource protection needs of each site, and that align with the resource management plan and priorities of the Department



Botanical Gardens at Heritage Park

Overview of the Grapevine Parks and Recreation Department

GENERAL

The Grapevine Parks and Recreation Department has undergone tremendous growth and change over the last 15 years, and especially within the last 10 years. Below is a summary of the growth and achievements of the Department since FY 1993, as well as a snap-shot of where the Department is today.

	FY 1993	Today (FY 2010)
Total Operating Expenses	**$1,541,353**	**$8,160,182**
Total Earned Revenues	**$34,478**	**$2,809,000**
Total Cost Recovery	**2%**	**34%**
Total Full-Time Employees	**37.81**	**68.29**
Total Park Acreage	**566 acres**	**1,553.12 acres**
Total Trail Mileage	**9.2 miles**	**23.7 miles**
Total Recreation Facilities	**1**	**6**
Approximate Acres of Park Land per 1,000 Residents	**18.9 acres**	**32.50 acres**
Total Park Maintenance Full-Time Employees	**22.6**	**22.81**
Park Acres per Maintenance Employee	**25.04 acres**	**68.15 acres**
Total Recreation Full-Time Employees	**7**	**41.36**
Recreation Division Operating Expenses	**$170,817**	**$1,882,848**
Recreation Division Earned Revenues	**$34,478**	**$1,317,675**
Recreation Division Cost Recovery	**20%**	**70%**
Total Administration Operating Expenses	**$223,408**	**$411,722**
Total Administration Full-Time Employees	**3.64**	**4.12**
Total Awards Earned Since 1993		**66**
Total Grants Received Since 1993		**$7,219,685**

ADDITIONAL QUICK FACTS:

- Total recreation program participation (FY 2010): 53,782
- Most popular recreation programs in FY 2010 (by participation): Ballet/Tap, Gymnastics, Youth Basketball, and Adult Softball
- Youth sports co-sponsored: soccer, baseball/softball, and wrestling
- Most heavily visited recreation facility: Community Activities Center
- Most developed park site (facilities and infrastructure): Oak Grove Ballfield Complex
- Least developed park sites: Highpoint Park and Wall-Farrar Park
- Largest park: Oak Grove Park (803 acres)
- Smallest park: Town Square Park (0.25 acres)
- Estimated amount of deferred maintenance in FY 2010: $0[1]

[1] Deferred maintenance is comprised of necessary and required maintenance of facilities and infrastructure that has been deferred due to lack of financial resources. Based on the experience of the consultant team having performed over 800 similar projects in the last 15 years, most park and recreation departments have deferred maintenance equaling up to 35% or more of the total asset value of their system. The consistent and proactive support of Grapevine City Council and administrative leadership has placed the City in a coveted position of having no deferred maintenance in the park and recreation system.

Grapevine Parks

There are a total of 38 park units and sites operated and managed by Grapevine Parks and Recreation Department as detailed in the table below. Eight of these parks are leased from the U.S. Army Corps of Engineers.

	Quantity	Acreage
Neighborhood Parks	**16**	**15.54 acres**
Community Parks	**8**	**237.48 acres**
Special Use Parks (includes recreation facilities)	**6**	**13.80 acres**
Regional Parks	**6**	**1,083.30 acres**
Open Space Parks	**2**	**203.00 acres**
Total Parks	**38**	**1,553.12 acres**

Grapevine Recreation Facilities

There are numerous recreational amenities throughout the Grapevine Parks and Recreation System. Among these, there are six major facilities that total 86,846 square feet. These facilities are detailed in the table below. Pool facility square footage includes both wet and dry surfaces (pool and deck).

	Size
Senior Activities Center	**11,350 sq. ft.**
Community Activities Center	**48,000 sq. ft.**
Bessie Mitchell House	**1,316 sq. ft.**
Merlot Community Room	**900 sq. ft.**
Dove Pool and Sprayscape	**9,280 sq. ft.**
Pleasant Glade Pool	**16,000 sq. ft.**
Total Recreation Facilities	**86,846 sq. ft.**

In addition to these major facilities, the Department also operates numerous other recreational amenities and features throughout the city. A table detailing a summary of these is provided below.

	Quantity
Baseball, softball and Little League game fields	**12**
Soccer, football, and multi-use game fields	**13**
Basketball, tennis and outdoor sport courts	**20**
Playgrounds	**31**
Pavilions and shelters	**39**
Picnic areas	**22**
Boat ramps	**5**
Campsites / cabins	**155**
Trails	**29.4 miles**

Community Input Summary

There has been extensive public input and participation in the *Parks and Recreation Master Plan Update* process from November 2010 to January 2011, with additional input opportunities and public meetings yet to be scheduled. The input process was designed to accommodate the diversity of residents and interests within the community, with a total of 13 leadership interviews and seven stakeholder focus groups being conducted as the foundation of public participation. In addition to the leadership interviews, focus groups, and community meetings, the public input process included results from a statistically-valid household survey that was completed in July 2010.

QUALITATIVE INPUT SUMMARY

INPUT OPPORTUNITIES

The qualitative data collected was that from multiple leadership interviews, focus groups, and community meetings. A summary of the public input opportunities to date is provided below:

- Thirteen (13) leadership interviews and focus groups were conducted to be representative, but not exhaustive of interests affecting the Grapevine Parks and Recreation Department. These sessions included:
  - Local elected officials
  - Members of the Grapevine Parks and Recreation Advisory Board
  - Administration and department leadership of the City of Grapevine
  - Business and community leaders
  - Staff of Grapevine Parks and Recreation Department

- Seven (7) focus groups were conducted in Grapevine in order to capture representative interests, needs, and priorities of residents. These meetings were organized and promoted to represent and include a diversity of recreational interests and stakeholders in the City. Each meeting featured people form a variety of perspectives and interests. Participants included, but were not limited to:
  - Trail enthusiasts
  - League sport participants
  - School district officials
  - Parents and families
  - Youth / teens
  - Civic and business leaders
  - Older adults and retirees
  - Young adults
  - Single adults
  - Adventure and non-traditional sport enthusiasts
  - Hiking and biking enthusiasts
  - Conservationists and wildlife advocates
  - Gardeners
  - Aquatics and swim program participants
  - Community Activities Center Users
  - Senior Activities Center Users
  - Event planners and tourism professionals
  - Lake and lake park users

General Findings

There were many findings derived from the interviews, focus groups, and community meetings with often great differences between interests and stakeholder groups. The following general findings are not intended to be comprehensive of everything heard or mentioned, but provide a summary of prevailing and overall themes learned in the process.

- **The recreational needs and demands served by the Community Activities Center have outgrown the current facilities**
  - Fitness and weight rooms are too small
  - Locker rooms are too small
  - Lack of sufficient classroom and activity space places too much demand on gymnasiums
  - Gymnasium space is inadequate for peak usage periods
- **There are additional recreational needs of the community the Community Activities Center cannot currently serve**
  - Aquatic facilities
  - Exercise and fitness opportunities for people with disabilities or special needs
- **Trails are increasingly a major priority in the community**
  - Hike and bike trails within parks
  - Trail that connect parks
  - Trails that improve connectivity within the community
  - Improved regulations and signage to manage potential user conflicts
- **The popularity and demands placed on the Senior Activities Center have outgrown current facilities**
  - Classroom and multi-purpose space
  - Large gathering and meal service space
- **Park facilities are generally well maintained, with some work needed on a few types of amenities**
  - Restrooms need to be repaired and upgraded, and new restrooms needed in system
  - Additional bike racks are required
  - Additional un-programmed, active open space is required for spontaneous recreation
  - A balance of developed parks and natural areas / open space is appreciated and valued
- **Sport complexes are world-class and heavily used**
- **Events and programs are high quality and appreciated**
  - Athletic programs are very popular and often fill up fast
  - More flexibility is requested to support community stakeholders planning recreation-based events that may utilize or impact City facilities and infrastructure
- **Communication of the Department with the community is good, but can improve**
  - The website seems comprehensive, but can be more innovative for on-line registration and for promoting upcoming events and programs
  - Playbook catalogue is well-loved and heavily used
  - Customer service of the Department is among the best in the City
- **Funding and fees are not a contentious issue among residents**
  - Fees seem to be reasonable to many users of the Community Activities Center
  - More differential between resident and non-resident fees may help manage pressure from outside participation in programs
  - There is support for more funding for parks and recreation as long as the purpose and outcomes of the additional investment is clearly communicated

QUANTITATIVE INPUT SUMMARY

The City of Grapevine Parks and Recreation Department worked with National Service Research (NSR) in Spring 2010 to conduct a statistically valid household survey of recreational interests and needs of residents. These findings were separately published in a report in July 2010, and have been integrated into the community input summary of this master plan update. All information and data reported in this summary are excerpts from the City of Grapevine Parks and Recreation Needs Assessment Study provided and developed by NSR.[2]

HOUSEHOLD SURVEY METHODOLOGY

The City of Grapevine provided a complete residential mailing list for all residents within the city and separated by six sectors. A total of 7,000 addresses were chosen at random proportionately distributed within each of the six geographic sectors. A total of 700 completed surveys were returned and tabulated. The margin of error of the sample size at a 95% confidence level is +/- 3.8%.[3]

KEY FINDINGS

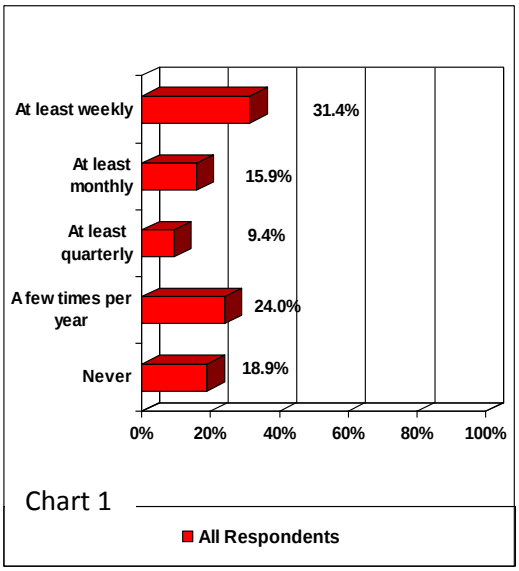
The summary that follows captures the key findings of this survey report.[4]

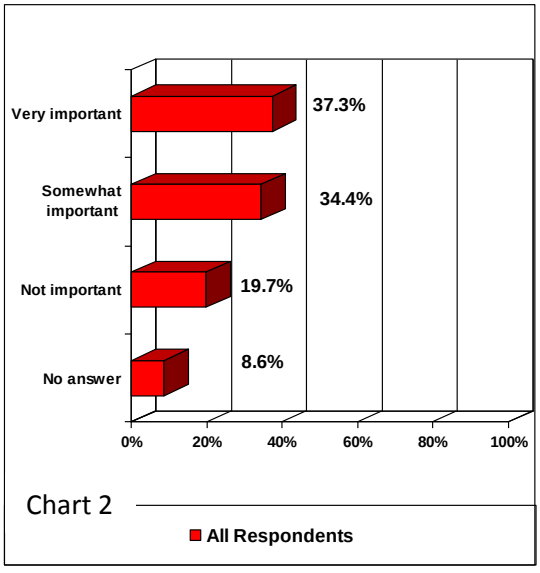
GENERAL

- 87% of all survey respondents felt the City of Grapevine does an excellent or good job of offering recreational programs that meet the needs of citizens of all age groups.
- More than half of respondents have received or accessed communications about parks via the City Newsletter, Playbook, water bill insert and/or the City's website.

TRAILS

- Eighty-one percent (81%) of respondents use the trails at least a few times per year or more. Sixty-two percent (62%) use the trails for health/wellness, while 58% use them for enjoying the outdoors. Four percent (4%) use them for transportation. (Chart 1)
- Seventy-two percent (72%) of survey respondents felt it was very or somewhat important for Grapevine to create a linkage of hike/bike/walk trails to connect schools, hotels and shopping centers throughout the city. (Chart 2)





[2]National Service Research. City of Grapevine Parks and Recreation Needs Assessment Study. July 2010.
[3]National Service Research. City of Grapevine Parks and Recreation Needs Assessment Study. July 2010.
[4]National Service Research. City of Grapevine Parks and Recreation Needs Assessment Study. July 2010.

COMMUNITY ACTIVITIES CENTER EXPANSION AMENITIES

- The top priorities for the expansion of the CAC are: expanded fitness room, indoor aquatics, outdoor park amenities (like a walking trail loop), additional aerobic/dance multi-purpose rooms, and increase length of indoor walking track.
- The table below presents the Community Activities Center expansion amenities that the respondents feel are most needed. Respondents ranked each facility on a 1 to 3 scale with 3 being "definitely needed" and 1 being "not needed." The first column presents the facility, the second column presents those rating the facility a "3" and the third column is the mean score.

Community Activity Center Expansion Amenities Needed	% Rating Definitely Needed	Mean Score
Expanded fitness room (cardio, free weights, etc.)	55.4%	2.67
Indoor aquatics (lap pool)	44.6%	2.43
Outdoor park amenities (like a walking loop trail)	26.9%	2.20
Additional aerobic/dance multi-purpose rooms	23.1%	2.20
Facilities/equipment designed for those with disabilities	16.0%	2.16
Increase length of indoor walking/jogging track	28.3%	2.15
Expanded locker rooms	14.9%	1.97
Expanded child care area (for parents at facility)	11.9%	1.96
Teen/tween room	10.1%	1.91
Indoor preschool play structure	11.0%	1.89
Family changing rooms	11.1%	1.88
Community meeting rooms	10.0%	1.86
Additional racquetball courts	11.6%	1.84
Indoor aquatics (slides, lazy river, water sprays)	20.3%	1.80
Lounge area with minor concessions	12.1%	1.75

LAKE GRAPEVINE EXPANSION AMENITIES

- The top priorities respondents would like expanded at Lake Grapevine are: hike/bike/walk trails, swimming beaches, nature trails, fishing piers, kayak/canoe rentals, and restrooms.
- The table below presents the expanded recreational amenities at Lake Grapevine that the respondents feel are most needed. Respondents ranked each facility on a 1 to 3 scale with 3 being "definitely needed" and 1 being "not needed." The first column presents the facility, the second column presents those rating the facility a "3" and the third column is the mean score.

Lake Grapevine – Expanded Recreational Amenities	% Rating Definitely Needed	Mean Score
Restrooms	35.9%	2.42
Hike and bike trails	36.0	2.37
Additional swimming beaches	35.4	2.34
Nature trails/park area	31.7	2.31
Fishing piers	28.0	2.28
Kayak/canoe rentals	25.0	2.20
Nature education center	20.6	2.11
Additional picnic stations	19.7	2.11
Boat rentals	19.9	2.06
Amphitheater	18.6	2.02
Additional group picnic pavilions	14.7	2.00
Birding center/trails	16.6	1.99
Spray grounds	13.6	1.95
Primitive camping	9.7	1.76
Concession stands	10.1	1.73
Archer facility	6.1	1.57
Team building facilities	4.9	1.52

CITY OF GRAPEVINE NEEDED PARK AMENITIES

- The top priorities rated by the respondents are: hike/bike/walk trails, designated bike routes, nature park, spray playgrounds and public art.
- The table below presents the expanded recreational amenities respondents feel are most needed in the City of Grapevine. Respondents ranked each facility on a 1 to 3 scale with 3 being "definitely needed" and 1 being "not needed." The first column presents the facility, the second column presents those rating the facility a "3" and the third column is the mean score.

City of Grapevine – Facilities/Amenities Needed	% Rating Definitely Needed	Mean Score
Hike/bike/walk trails	45.3%	2.48
Designated bike routes	42.0	2.47
Nature park	31.0	2.26
Spray playgrounds	15.6	1.94
Public art	15.3	1.86
Birding center	12.9	1.85
4 to 6 court indoor athletic complex	12.0	1.83
Additional sand volleyball courts	10.1	1.76
Additional tennis courts	9.1	1.74
Skate park equipment	7.0	1.63
Lacrosse fields	2.9	1.39
Cricket fields	1.7	1.25

SPORT AND RECREATION PROGRAMS NEEDED IN THE COMMUNITY

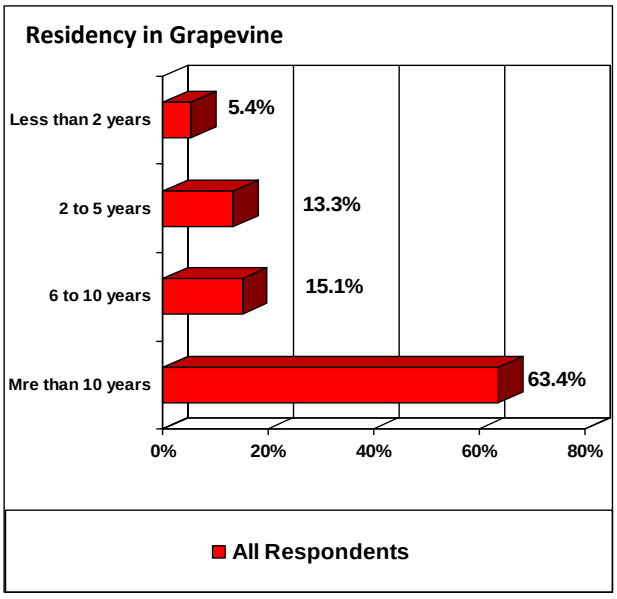
The table below presents the sports and recreation programs respondents feel are needed in the City.

Sports and Recreation Programs Needed in Grapevine	% Response
Adult fitness/wellness programs	56.6%
Nature programs/exhibits	38.3
Water fitness programs	37.0
Community special events	34.1
Youth sports programs	24.1
Adult sports programs	23.6
Youth learn to swim programs	22.9
Adult art, dance, performing arts	22.7
Senior programs	20.6
Golf lessons/clinics	20.1
Youth summer camp programs	18.7
Trips to special attractions/events	18.7
Cycling programs	18.7
Outdoor challenge programs	18.4
Tennis lessons and leagues	18.0

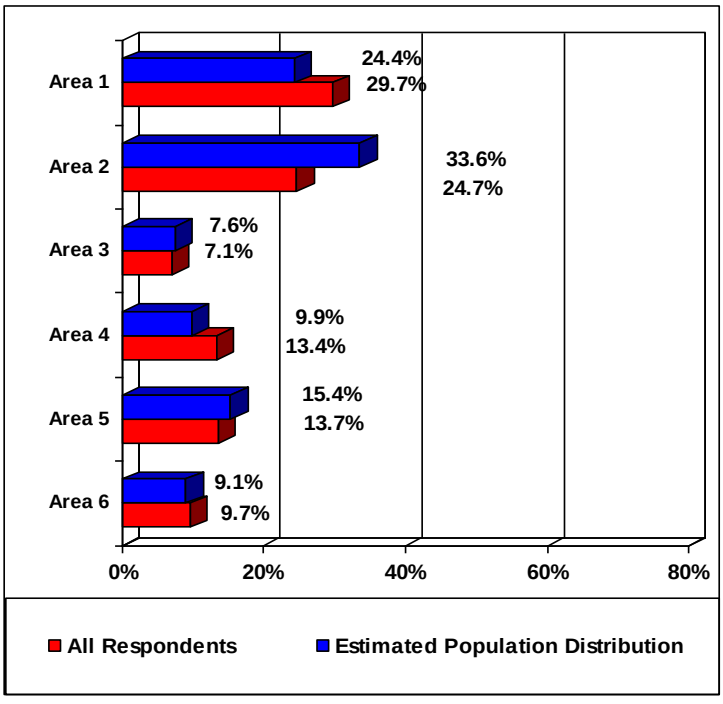
Sports and Recreation Programs Needed in Grapevine	% Response
Youth fitness/wellness programs	17.6%
Youth art, dance, performing arts	15.3
Golf leagues	11.0
Preschool/early childhood programs	10.9
Before and after school programs	10.6
Martial arts programs	10.3
Gymnastics and tumbling programs	9.7
Programs for people with disabilities	8.6
Hockey	3.4
Figure skating	2.6
None/not interested	12.3

Demographics of Survey Respondents

- Forty percent (40%) of respondent households have children residing within their household.
- Age groups of children represented in the surveyed households:
  - Under 6 years old 13.7%
  - 6 to 11 years old 18.0%
  - 12 to 18 years old 20.4%
- Head of household age:
  - Under 35 7.6%
  - 35 to 44 18.3%
  - 45 to 54 32.9%
  - 55 to 64 24.6%
  - 65 to 74 10.3%
  - 75+ 4.6%



- The six geographic areas are defined as follows:
  - Area 1 – West of Dove Rd and North of Hwy 114
  - Area 2 – East of Dove Rd. and North of Northwest Hwy.
  - Area 3 – south of Northwest Hwy. and North of Hwy 11/121.
  - Area 4 – South and east of Hwy 114/121.
  - Area 5 – West of Hwy 121 and South of Timberline.
  - Area 6 – South of Hwy 114 and North of Timberline.



Summary of Site and Facility Assessments

An on-site assessment of parks and facilities was performed in October / November 2010 to observe and record existing conditions of the Grapevine Parks and Recreation System. This assessment confirms the inventory of current assets and amenities as a supply analysis identifying the parks and recreation resources and facilities provided across the community. This assessment evaluated the following:

- General state and condition of parks
- Compatibility and connectivity with neighborhoods as well as general access
- Compatibility of amenities offered through the City
- Aesthetics/Design
- Safety/security
- Program capacity and compatibility with users
- Partnership and revenue generation opportunities

KEY FINDINGS

There is a complete summary of observations and findings regarding the inventory and existing conditions of parks and facilities of Grapevine Parks and Recreation Department provided in **Appendix A** of this plan. A summary of key findings and general observations from the park and facility assessment is provided below:

- Of the 1,553.12 acres in the park land in the city, approximately 82% (1,286.30 acres) is U.S. Army Corps of Engineers (USACE) lease land on Lake Grapevine. Of the 1,286.30 acres of Corps leased land, 482.6 acres have been designated by the USACE and 558 acres by the City of Grapevine as Environmentally Sensitive Areas (ESA's) that will remain as natural areas in the system. These ESA's offer great wildlife viewing areas in the park system.
- The Grapevine Parks and Recreation Department offers many high quality assets representative of the community's unique character and style; attention to detail in the design and aesthetics of park assets and amenities elevates the brand.
- As the City nears projected build-out, most neighborhood and community park sites, assets, and amenities are reaching maximization of their potential capacity and usage.
- A proactive approach to routine and preventative maintenance and replacement schedules has replenished park stock on a regular basis.
- Park sites, assets, and amenities are generally compatible with the neighborhoods and community; larger parks and many of the lake parks lack circulatory ease for patrons.
- Lake park offerings are diverse, however, the expanse of acreage available presents an abundance of development opportunities at many of the park sites.
- System-wide usage of park signage is random. There appears to be little or no standardization of signage design criteria, dimensions or lettering size/coverage, or brand identity. The ability to brand lake parks separately from all other parks does exist, but brand synergy should be strong.
- The conversion of gravel roadside parking sites within the lake parks system to permanent parking areas (i.e. hard surface, curb and gutter, etc.) and/or development of additional permanent parking lots nearby to increase accessibility to park sites should be explored.

- The abundance of system-wide use of pipe railing dates the park system and fails to uphold image and value associated with the park system; all non-lake park sites should have all pipe fencing removed and replaced with an accepted standard
- Park system is lacking permanent restrooms at the majority of sites; additional water fountains should be installed at heavy use sites.
- The Department should continue replacing play equipment, picnic tables, benches, trash enclosures, and water fountains as part of the annual capital improvement program.

Detailed park and facility information is presented in the **Appendix A** and complete park history by site is presented in **Appendix B**.

Heritage Park

Parks and Recreation Needs Analysis

The needs analysis associated with this *Parks and Recreation Master Plan Update* synthesizes the findings from community input and the site and facility assessments with other analyses that evaluate change and level of park and recreation service in Grapevine. Specifically, the needs analysis includes the following steps:

Step 1: Demographic characteristics of the community are reviewed and evaluated for major aspects of change that have occurred over the last 10 years, and are likely to occur in the next 10 years.

Step 2: Prevailing recreational trends relevant to the mission and purpose of Grapevine Parks and Recreation Department are studied and reported.

Step 3: A level of service analysis of parks and recreational amenities managed by the Department in Grapevine is performed to project potential site and facility needs with a growing and changing population.

Step 4: Findings from community input and the site and facility assessments are integrated into the analysis and converted into areas of need.

Step 5: All findings are synthesized into a succinct listing of prioritized needs for sites and facilities, as well as for programs and services.

Demographic Analysis

This demographic analysis provides a basic understanding of the population characteristics of Grapevine using data from renowned national databases. The analysis that follows identifies multiple demographic characteristics of interest for this project including:

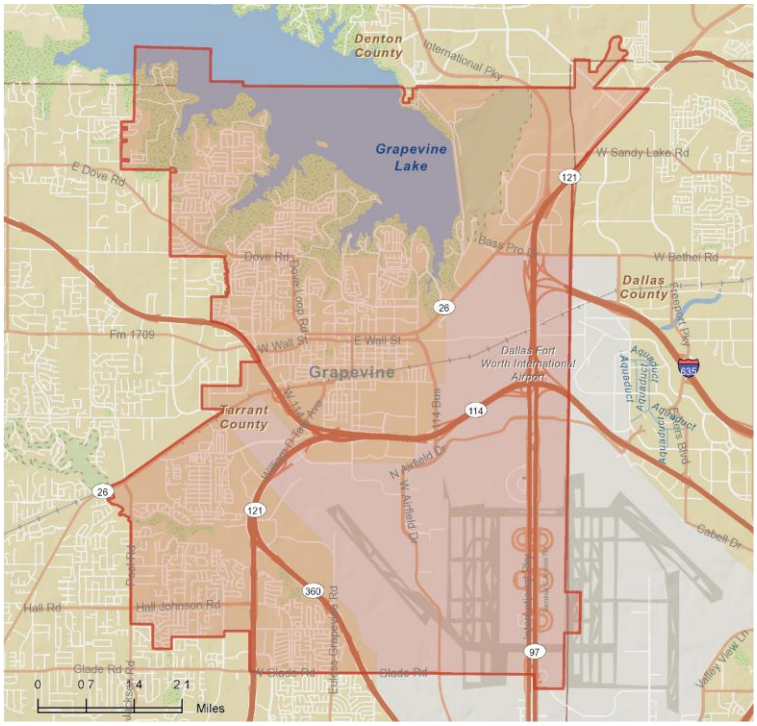
- Overall size of the City population by individuals, households, age segments, and race
- Economic status and spending power demonstrated by household income statistics
- Prevailing discretionary spending behavior of City residents
- Influence of demographic trends on recreation participation

Methodology

Demographic data was obtained from the Environmental Systems Research Institute, Inc. (ESRI), which is the largest research and development organization dedicated to Geographical Information Systems (GIS) and specializing in population projections and market trends. All data was acquired in January 2011 and reflects actual numbers as reported in the 2000 Census[5] and demographic projections for 2010 and 2015 as estimated by ESRI using linear regression. For example, the recent and related population growth rate of Grapevine is extrapolated and used as a projection tool for calculating estimated population levels in the future. As a result of the lack of current census data at the time of this report, the consultant team chose not to project 2020 populations because of its highly variable nature and possible inaccuracies.

IMPORTANT NOTE: There is population and projection data available from other sources (i.e. Claritas, City-Data, etc.) that has been recently used and reported by the City of Grapevine that features a slight variance to the data used in this demographic analysis. This variance has been noted as +/- 3.5% on average, and is not statistically significant for the purposes in which it being used in this master plan update.

[5] Data collected by the U.S. Census Bureau in the 2010 Census is not available for city jurisdictions until Summer 2011, after the completion of this report. Population and demographic projections based on the 2000 Census are the best data set available.



CITY OF GRAPEVINE DEMOGRAPHIC QUICK FACTS

- The total population of Grapevine has increased by approximately 21% in the last decade from 41,769 in 2000, to a projected 50,514 in 2010. It is projected to grow another 8% in the next five years to 54,555 in 2015.
- The number of households in Grapevine has grown by approximately 19% from 2000 to 2010, while the number of families has only grown by 12% in that time period.[6]
- The median household income of Grapevine residents appears to have grown by approximately 14% from 2000 to 2010, while median home value has increased by an estimated 20% indicating a fairly balanced growth pattern between household incomes and median home values. These estimations are limited by the fact they are based on linear regression projections calculated before the greatest effects of the 2007-2010 economic recession were realized. Presumably, the greatest disparity between these projections and current statistics is in median home value which has fallen only slightly in the last 24 to 36 months throughout the North Texas when compared to other areas of the United States.
- The median age of city residents has increased slightly from 34.4 years in 2000 to 35.9 years in 2010, and is projected to decrease slightly to 35.7 years by 2015. The largest 10-year age segment of city residents are those aged 35-44 years, comprising of 22% of the total population.
- The gender balance of Grapevine residents remains fairly equal (49.9% / 50.1%), with slightly more females than males in both 2010 and 2015.
- The 2010 population of Grapevine is predominantly White (81%), including approximately 21% of residents being of Hispanic Origin.[7]

[6] Families are defined as one or more people living together either married or of the same bloodline. Households are just one or more persons living in the same residence regardless of any family relations.

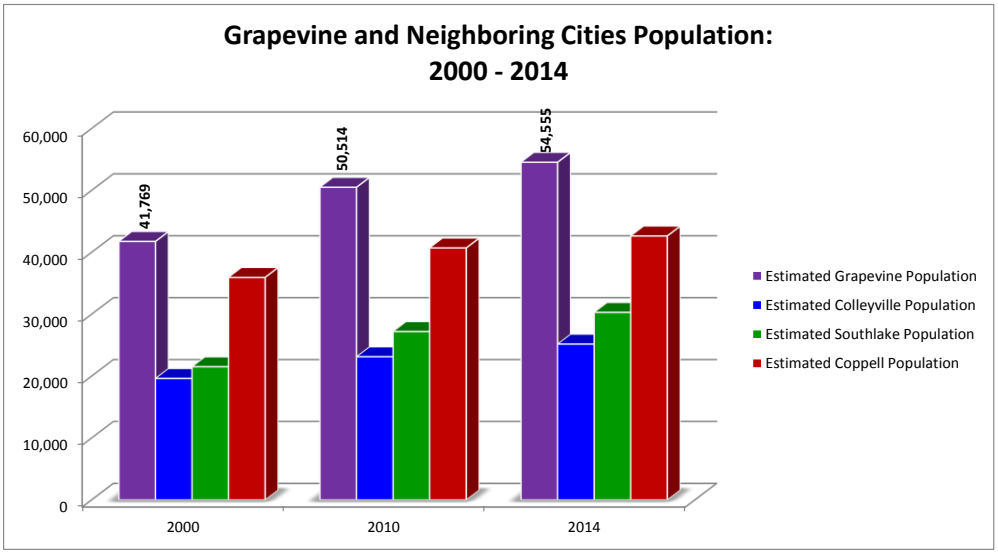
[7] Persons considered of Hispanic Origin are also considered to be racially classified as White. This is a common classification practice utilized by the U.S. Census and other demographic databases.

TOTAL POPULATION AND HOUSEHOLDS FINDINGS

The total population of Grapevine is estimated to be 48,552 in 2010, comprised of 18,513 total estimated households.♦ A table and graph summarizing the population of Grapevine with the neighboring cities of Colleyville, Coppell and Southlake is provided below. Note that population of Grapevine has a growth pattern very close to Colleyville, slower than Southlake, but faster than Coppell. These illustrate the population as accounted in the 2000 U.S. Census, an estimate for 2010, and projection for 2015.

	Estimated Grapevine Population	Estimated Colleyville Population	Estimated Southlake Population	Estimated Coppell Population
2000	41,769	19,636	21,519	35,958
2010	50,514	23,142	27,213	40,711
2014	54,555	25,181	30,301	42,647
Growth from 2000 to 2014	12,786	5,545	8,782	6,689
% Change from 2000 to 2014	30.6%	28.2%	40.8%	18.6%

Source: ESRI and U.S. Census



Source: ESRI and U.S. Census

KEY TOTAL POPULATION AND HOUSEHOLD FINDINGS

The key findings of the total population and household analysis for Grapevine are detailed as follows:

1. **While the population of Grapevine is growing, it is not growing as fast as Southlake or as slow as Coppell.** Southlake, however, will reach their projected build-out population (30,000) by 2015 and will likely slow or halt growth at that time.

2. **Grapevine appears to be heavily family-oriented based upon the proportion of households that are families, versus households made up of non-related residents.** [8] This proportion is shrinking, however, from 2000 to 2015:

    a. Families comprise 72% of households in 2000

♦ Grapevine population statistics are provided by the ESRI databases and are an estimate based upon straight-line linear regression from the 2000 census. These figures tend to be accurate within a +/- 2.5% margin of error.

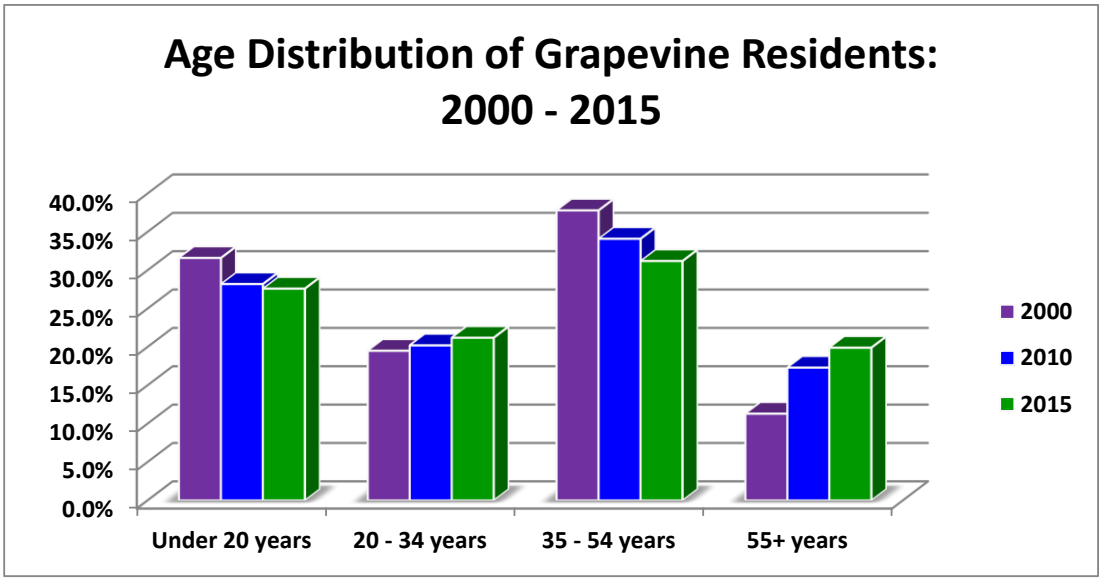
[8] Families are defined as one or people living together either married or of the same bloodline. Households are just one or more persons living in the same residence regardless of any family relations.

b. Families are projected to comprise 68% of households in 2010
c. Families are projected to comprise 67% of households in 2015

3. Usage and demand of Grapevine parks and recreation facilities and services will increase as the residential population grows leading up to the year 2015. This is compounded with the growing populations of neighboring cities, especially regarding large regional parks that include large natural features (i.e. Lake Grapevine) that are not available in the neighboring cities.

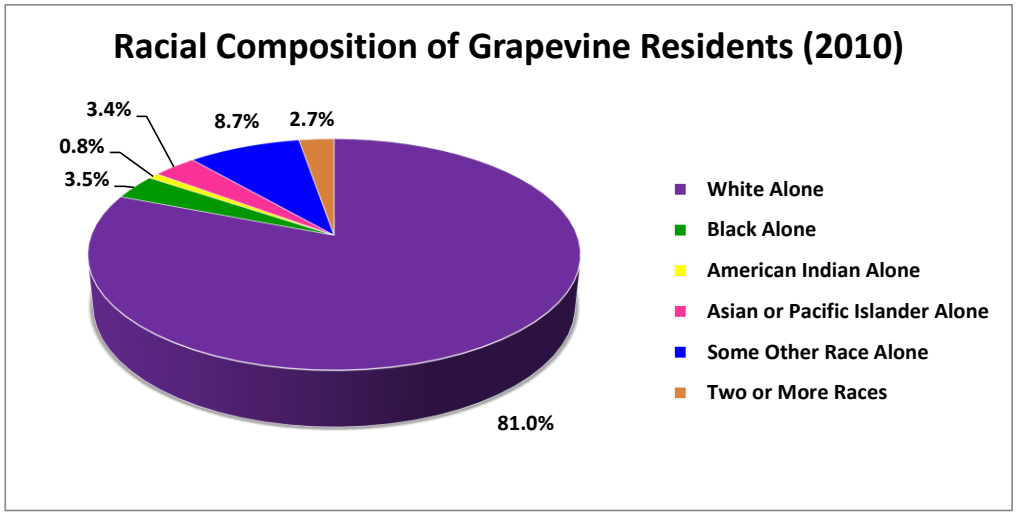
Age and Race

A review of the age distribution of residents within Grapevine indicates that the largest age segment in 2000, as well as in the 2010 and 2015 projections are those aged 35-54 years. This age segment appears to be shrinking, however, in proportion to the total population, as does the age segment under 20 years. The age segment that appears to be the fastest growing are residents over the age of 55 years, which accounts for the median age increasing as noted earlier in this analysis.



Source: ESRI

Approximately 81.0% of the resident population in Grapevine is estimated to be White in 2010, which includes 20.5% of residents that are of Hispanic Origin. The second and third largest racial groups are Some Other Race Alone (8.7%) and Black Alone (3.5%). Graphs depicting the racial composition of the Grapevine resident population in 2010 is provided below.



Source: ESRI

KEY AGE AND RACE FINDINGS

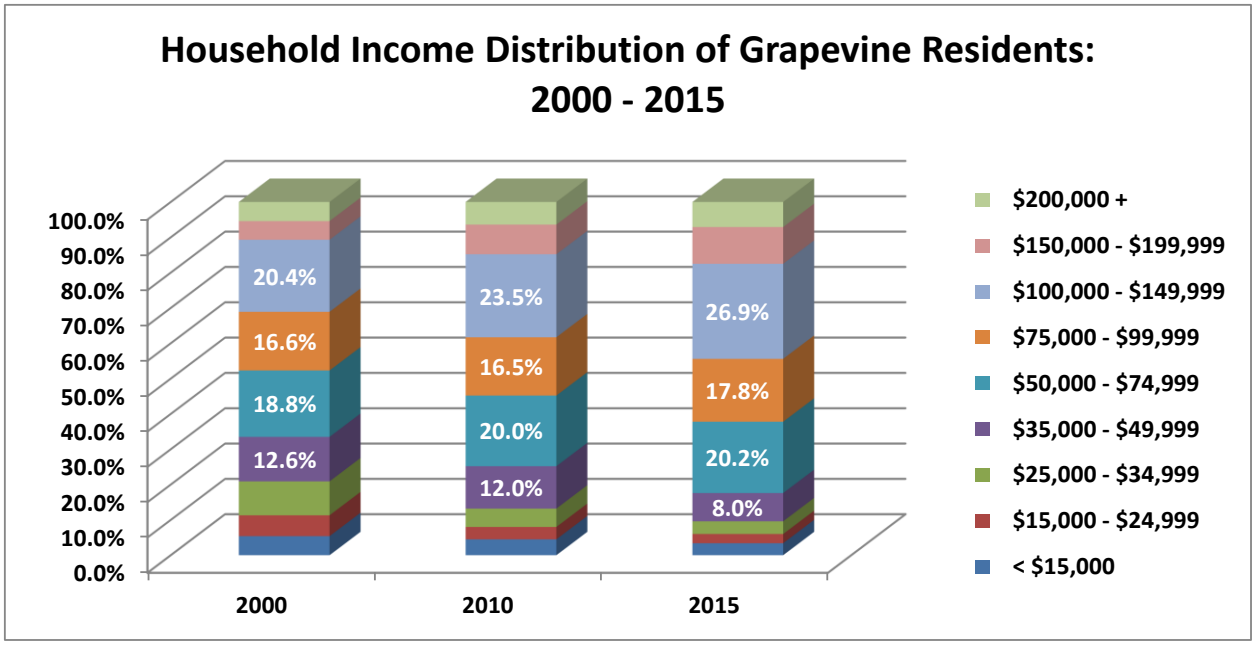
The key findings of the age and race analyses for Grapevine are detailed as follows:

1. The majority of Grapevine residents are middle-aged and older adults. **From 2000 to 2015, the largest age segment of Grapevine residents are those aged 35-54 years, however residents over 55 years is the fastest growing age segment.**
2. It is projected that approximately 25% of the resident population of Grapevine will be under 20 years of age in 2015, which is down from 30% in 2000.
3. While the Grapevine resident population is predominantly White, the **parks and recreation system serves the needs of a racially diverse community.**

HOUSEHOLD INCOME DISTRIBUTION

The relative affluence of residents within Grapevine has grown from the year 2000, and is projected to continue to grow as we approach 2015. The graphs below and on the following page indicate the distribution of household income as a percentage of total households in 2000, 2010, and 2015.

As noted in the graph below, approximately 67% of the residential population within Grapevine in 2000 features a household income of above $50,000. This income group is projected to grow significantly and will represent approximately 75% of the population in 2010, and 83% 2015. Approximately 31% of households in 2010 feature an income of $100,000 or more, and the average household income in 2010 is $99,035. This represents an increase of nearly 16% in average household income since 2000, with the largest growth being those in the $50,000 - $74,999 and $100,000 – $149,999 annual household income brackets.



Source: ESRI

Additional Market Profile Information

The following additional market profile information provides greater detail to the unique characteristics of residents of Grapevine. All data and statistics reported are provided by the U.S. 2000 Census, and ESRI projections for 2010 and 2015.

- Household size has decreased slightly from 2000 to 2015.

2000 Households	15,620
2000 Average Household Size	2.66
2010 Households	18,513
2010 Average Household Size	2.61
2015 Households	20,184
2015 Average Household Size	2.60

- Family size is slightly increasing from 2000 to 2015.

2000 Families	11,271
2000 Average Family Size	3.13
2010 Families	12,617
2010 Average Family Size	3.17
2015 Families	13,455
2015 Average Family Size	3.19

- Median home value is projected to grow by 33% from 2000 to 2015 for city residents. Median household income is projected to increase 27% in that period for city residents, which is more in balance than many communities. These estimations are limited by the fact that they are based on linear regression projections calculated before the greatest effects of the 2007-2010 economic recession were realized. Presumably, the greatest disparity between these projections and current statistics is in median home value which has fallen slightly in the last 24 to 36 months throughout communities in North Texas.

Median Household Income	
2000	$71,158
2010	$80,738
2015	$90,440
Median Home Value	
2000	$154,755
2010	$185,482
2015	$206,274

- Approximately 52% of the population in Grapevine in 2010 has earned an Associate Degree or higher

2010 Population 25+ by Educational Attainment

Less than 9th Grade	4.1%
9th - 12th Grade, No Diploma	3.8%
High School Graduate	17.3%
Some College, No Degree	22.8%
Associate Degree	8.0%
Bachelor's Degree	32.5%
Graduate/Professional Degree	11.5%

- Approximately 42% of the residents in Grapevine over 15 years of age in 2010 are single, while 58% are married.

2010 Population 15+ by Marital Status

Never Married	27.6%
Married	58.3%
Widowed	3.5%
Divorced	10.7%

- In 2000, the majority of households in Grapevine are families (72%), with non-family households equaling approximately 28%.

2000 Households by Type

Total	15,619
Family Households	72.2%
Married-couple Family	59.2%
With Related Children	34.0%
Other Family (No Spouse)	13.0%
With Related Children	9.2%
Nonfamily Households	27.8%
Householder Living Alone	22.1%
Householder Not Living Alone	5.7%
Households with Related Children	43.2%
Households with Persons 65+	9.3%

TRENDS ANALYSIS

Grapevine Parks and Recreation Department is well positioned to capitalize on many of the major trends occurring in recreation and leisure because of the accessibility of traditional recreational amenities, trails, Lake Grapevine and related parks, and multiple tracts of open space. The trend research and data provided in this analysis are an overview of recent and verifiable national trends that can support future decision making regarding park sites and recreation services.

RECREATION TODAY

Our understanding of outdoor recreation trends in America has evolved significantly over the past four decades since the first national survey was conducted in 1960 by the congressionally created Outdoor Recreation Resources Review Commission (ORRRC). Since that time, a long series of statistics have been gathered through seven reiterations of the National Survey on Recreation and the Environment (NSRE) that identify notable trends in participation and the evolution of new forms of recreation activities enjoyed by Americans. The most recent of these updated reports was from the NSRE conducted in 2003-2004. Participation in 37 outdoor recreation activities were evaluated in this study.[9]

Some of the activities with the greatest levels of participation that are a part of the Grapevine parks and recreation portfolio are presented in the tables below. Participation is measured in millions of people and percentage of total U.S. population.

Activity	Participation (millions)	Percent of Population
Trail, Street, or Road Activities	188.2	88.3
Traditional Social Activities	171.8	80.6
Viewing and Photographing Activities	157.5	73.9
Viewing and Learning Activities	143.4	67.3
Outdoor Adventure Activities	118.7	55.7

Supporting these statistics are the findings from the recently completed *Outdoor Recreation Participation Report 2009,* conducted in 2009 by the Outdoor Industry Foundation. During January and February 2009 a total of 41,500 online interviews were carried out with a nationwide sample of individuals and households from the US Online Panel operated by Synovate. A total of 15,013 individual and 26,487 household surveys were completed. The total panel has over one million members and is maintained to be representative of the US population.

Oversampling of ethnic groups took place to boost response from typically under-responding groups. A weighting technique was used to balance the data to reflect the total US population aged six and above. The following variables were used: gender, age, income, household size, region and population density. The total population figure used was 279,568,000 people aged six and above. The report details participation among all Americans, youth, young adults and adults.

From these results, a current and accurate picture of outdoor recreation participation trends can be ascertained. The following pages summarize some of the key findings associated with this report.[10]

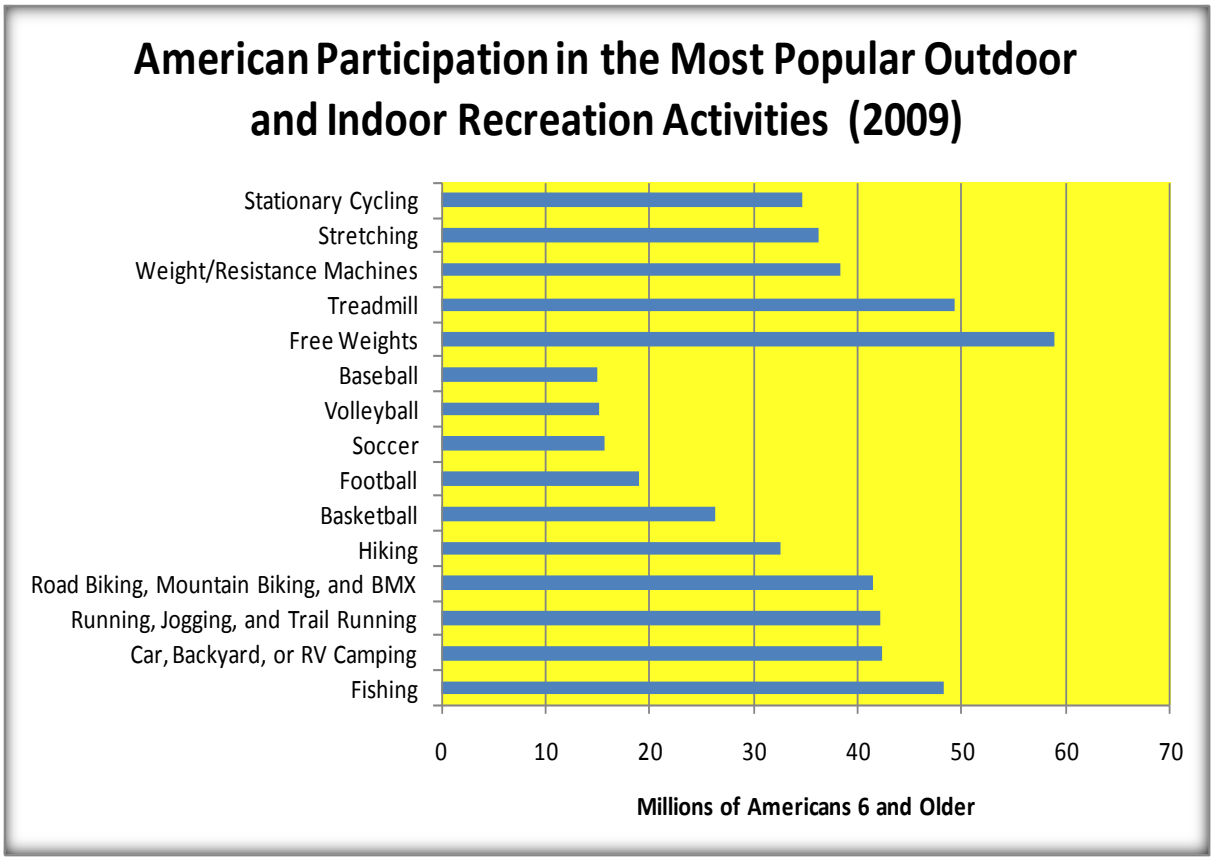
[9] United States Department of Agriculture, U.S. Forest Service. National Survey of Recreation and the Environment. 2003-2004.

[10] Outdoor Industry Foundation. Outdoor Recreation Participation Study: 2009, 11th Edition. Boulder, Colorado, 2009.

PARTICIPATION IN OUTDOOR, NATURE-BASED ACTIVITIES

An interesting note for many public park and recreation agencies whose facilities and programs are heavily geared for traditional and team sports, the largest areas of overall participation and growth in participation are in outdoor, non-traditional sports and activities. An example of this is the finding that participation in mountain biking and trail running increased by 10.2% and 15.2% respectively from 2007 to 2008, while participation in road biking decreased by 2.1% and road running/jogging only increased by 0.2% over the same period.

A graph of participation in the most popular indoor recreation, team sports, and outdoor recreation activities in 2009 is provided below. Note that team sport participation in baseball, volleyball, soccer, football, and basketball is considerably less than both indoor and outdoor recreation.[11]

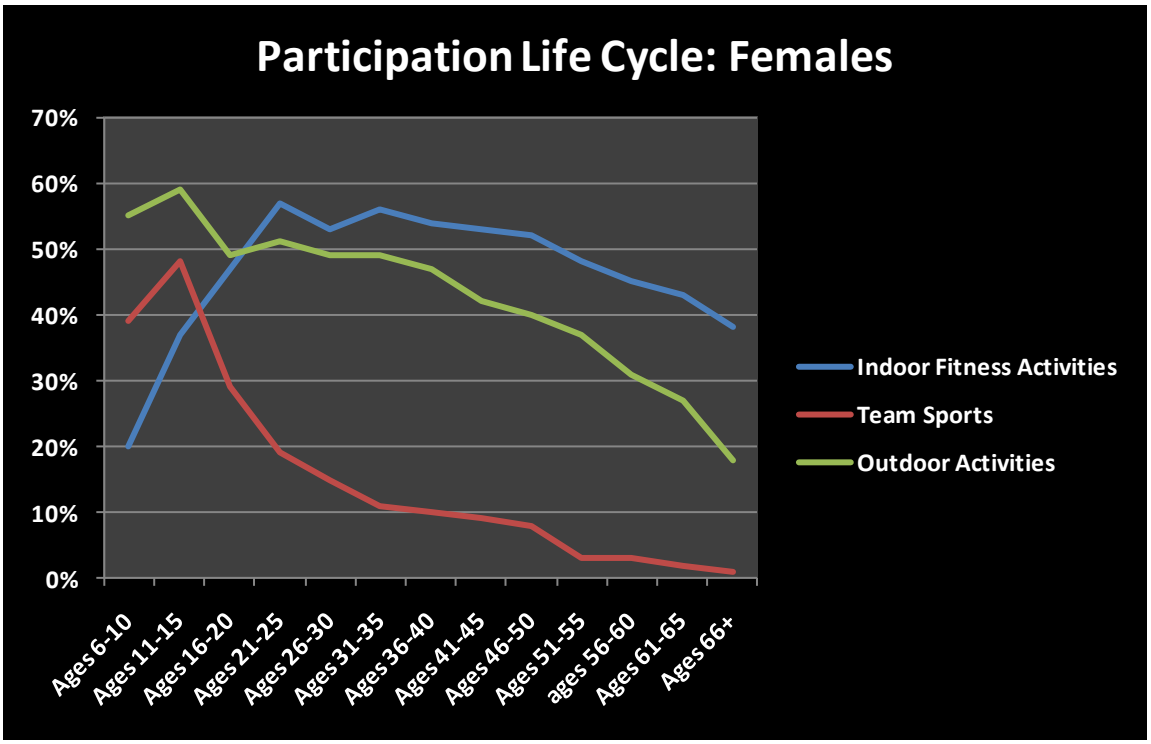


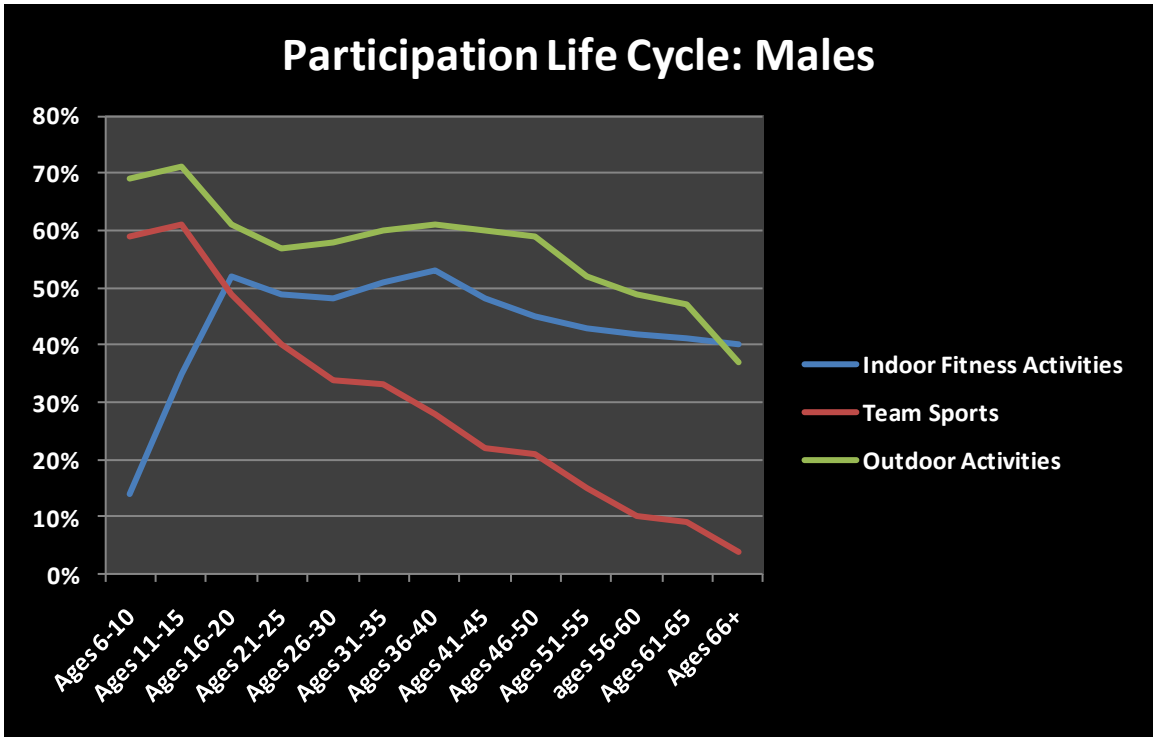
The table to the right details the outdoor recreation activities with the greatest growth in participation from 2007 to 2008. While the top four of these activities are not necessarily appropriate for Grapevine, the remaining six are all well aligned with many of the opportunities that are or can be available in Grapevine.

Activity	2007 Participants	2008 Participants	Growth in Participation
Downhill Telemarking	1,173,000	1,435,000	22%
Snowshoeing	2,400,000	2,922,000	22%
Backpacking	6,637,000	7,867,000	19%
Cross-Country Skiing	3,530,000	3,848,000	9%
Hiking	29,965,000	32,511,000	9%
Backyard and Car Camping	31,375,000	33,686,000	7%
Recreational Kayaking	4,702,000	5,025,000	7%
Bouldering, Sport and Indoor Climbing	4,514,000	4,769,000	6%
Birdwatching	11,783,000	12,417,000	5%
Wildlife Viewing	22,974,000	24,113,000	5%

[11] Outdoor Industry Foundation. Outdoor Recreation Participation Study: 2009, 11th Edition. Boulder, Colorado, 2009.

The graphs below detail the life cycle participation in recreational pursuits in both female and male participants, as identified in the Outdoor Industry Foundation's 2009 Participation Study. These trends can help to determine which areas of focus and categories of recreational activities are going to appeal best to different age segments by gender among residents of Grapevine.[12]





[12] Outdoor Industry Foundation. Outdoor Recreation Participation Study: 2009, 11th Edition. Boulder, Colorado, 2009.

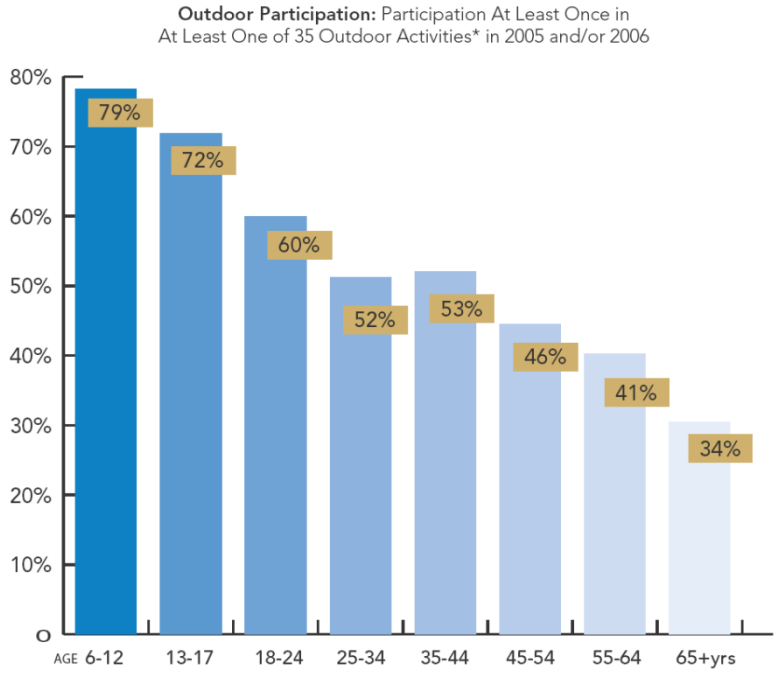
PARTICIPATION TRENDS BY AGE

The Outdoor Industry Association identifies two major generational categories in the U.S.: Baby Boomers (born between 1946 and 1964) and Millennials (born between 1978 and 2003). These two generational cohorts have distinct differences in their preferences for an active lifestyle. Baby boomers have shed the image of the relaxed, sedentary lifestyle of generations past pursue a more active form of "retirement". Many boomers continue the active and healthy lifestyle they converted to in midlife, as evidenced by the increasing number of seniors who participate in the fitness industry. Scott Parmelee, publisher of Outside magazine, describes a boomer as a "hybrid person" who enjoys "less strenuous" activities while still connecting with nature and the outdoors. [13]

While many boomers use outdoor experiences for personal growth, the Millennials seek the thrill. Millennials pioneered adventure and extreme sports and have been most responsible for the decline in the traditional "bat and ball" sports leagues targeting young adults. They elect less structured activities such as skateboarding, rock climbing, and mountain biking in place of organized youth activities like baseball, football, and soccer.

In recent years, the Outdoor Industry Foundation (OIF), a 501(c)3 organization chartered to research trends and support growth of the outdoor industry, has produced annual reports of the state of the industry and outdoor recreation participation. In early 2007, OIF surveyed 60,169 households from a representative sample that reflects the demographic and socio-economic composition of the United States to determine the highlights of current outdoor recreation trends in America. Results from this survey were published as *The Next Generation of Outdoor Participants – 2005/2006* by the OIF in late 2007.

This report finds that participation in outdoor activities at least once per year drops off dramatically with age. Seventy-nine percent (79%) of respondents aged 6 – 12 years reported participating at least once in one of the 35 outdoor recreation activities polled6, while only 34% of respondents aged 65 years and older reported the same level of participation. This is illustrated in the graph below.[14]



[13] Outdoor Industry Association. State of Industry Report: 2006. Boulder, Colorado. 2006.
[14] Outdoor Industry Foundation. The Next Generation of Outdoor Participants – 2005/2006. Boulder, Colorado. 2007

Americans are exposed to and participate in outdoor recreation activities considerably more when they are younger[15], and therefore it is critical to understand the preferences of our young recreationists to stay aligned with evolving trends. The top five outdoor recreation activities by *frequency of outings* in 2006 and in 2008 of Americans aged 6 to 24 years are detailed in the table below. Note the general consistency over the two-year period.

Top Five Outdoor Recreation Activities in 2006	Top Five Outdoor Recreation Activities in 2008
1. Bicycling	**1. Bicycling**
2. Running / jogging / trail running	**2. Running / jogging / trail running**
3. Skateboarding	**3. Skateboarding**
4. Fishing	**4. Fishing**
5. Wildlife viewing	**5. Car and backyard camping**

The tables below detail the participation in these top five outdoor recreation activities in 2008 for all Americans aged six and older, as well as the top five team sport activities and top five indoor recreation activities participated in during the same year.[16]

Outdoor Recreation Activities - All Persons Aged 6+		
Activity	**% of Americans**	**Total Participants**
Freshwater, salt water, and fly fishing	17%	48.2 million
Car, backyard, and RV camping	15%	42.4 million
Running, jogging, trail running	15%	42.1 million
Road biking, mountain biking, and BMX	15%	41.5 million
Hiking	12%	32.5 million

Team Sport Activities - All Persons Aged 6+		
Activity	**% of Americans**	**Total Participants**
Basketball	9%	26.3 million
Football (touch, tackle, and flag)	7%	18.9 million
Soccer (indoor and outdoor)	6%	15.6 million
Volleyball (court, grass, and beach)	5%	15.2 million
Baseball	5%	15.0 million

[15] Outdoor Industry Foundation. The Next Generation of Outdoor Participants – 2005/2006. Boulder, Colorado. 2007
[16] Outdoor Industry Foundation. 2009 Participation Study. Boulder, Colorado. 2009.

Indoor Recreation Activities - All Persons Aged 6+		
Activity	**% of Americans**	**Total Participants**
Free weights	21%	58.9 million
Treadmill	18%	49.4 million
Weight / resistance machines	14%	38.4 million
Stretching	13%	36.3 million
Stationary cycling	12%	34.7 million

On the older end of the age spectrum, active retirees are one of the largest emerging markets for the recreation and tourism industry. Retirees sixty-five and older remain active in many activities well into their senior years. Just under thirty-five million Americans, or about one of every eight persons (12.4%), were sixty-five years or older at the time of the 2000 Census. Over ninety percent of these older Americans are retired; almost all are retired by age seventy-five.

For purposes of this study, retirees were divided into three age groups, sixty-five to seventy-four, seventy-five to eighty-four, and eighty-five and above. Data was gathered from the National Survey on Recreation and the Environment (NSRE). Across all the activities surveyed, with the only exception being gardening or landscaping for pleasure, the percentage of retirees who participate in an activity is less for persons aged 65 and older than for those under age 65. With a few exceptions among activities, participation percentage falls from age sixty-five to age eighty-five and above. For the more passive activities, such as walking, family gatherings outdoors, sightseeing and viewing/photographing wildlife and flowers, the decrease with age is gradual. With the more physically demanding activities, such as swimming, hiking and mountain biking, the decrease in percentage participating sharply increases with age. However, some percentage of even the oldest retirees participates across most activities, regardless of how physically demanding they are.

Although age does play a role in the ability to participate in all activities, eleven activities surveyed by NSRE remain popular among aging Americans over 65 years of age[17]:

- Walking for pleasure
- Family gatherings
- Gardening and landscaping for pleasure
- View/photograph natural scenery
- Visit nature centers, etc.
- Driving for pleasure
- Picnicking
- Sightseeing
- Visit historic sites
- View/photograph other wildlife
- View/photograph wildflowers, trees, etc.

As the retiree population grows in future years, accessible opportunities to these popular activities by active, older adults should be accommodated.

[17] United States Department of Agriculture, U.S. Forest Service. National Survey of Recreation and the Environment. 2003-2004

Site and Facility Level of Service Analysis

The site and facility level of service analysis includes the following components:

1. Park Classifications
2. Level of Service Standards

Park Classifications

There are 38 parks and sites in Grapevine Parks and Recreation System, totaling 1,553.12 acres. The first requirement of performing any analysis as to the level at which parks serve the community of Grapevine is to update the classification system used to define the role each major site or facility plays in meeting community needs.

A park classification system must utilize key characteristics or descriptive factors of each site including the intent and/or mission of sites, predominant types of site usage, and appropriate performance measures unique to each category of park classification. Proper integration of a robust park classification system that utilize these criteria to organize and distinguish the diverse purposes served by city parks will help to guide the Program in the years to come as a key component of this master plan.

These classifications are used as a foundation to determine level of service standards of parks and facilities throughout the city. In addition, these standards can support the definition of a high quality park system by addressing current and emerging recreation trends and public need. The following factors are utilized to distinguish city parks and recreation sites:

1. Park Size – defines the relative size of the park in acres, including ratio of land to per capita population.
2. Service Area – details the service area of the park as defined by its size and amenities.
3. Maintenance standards - details the required / expected standard of maintenance required at the park dependent upon usage levels and degree of facility development.
4. Amenities – Describes the level of facility and/or amenity development that is present.
5. Performance – Establishes performance expectations of the park as reflected in annual operational cost recovery (revenue generation), and annual occupancy of major facilities within the park.

Using these criteria, the Grapevine system has been classified into the six categories described below. Each of these park area categories provides a different type of environment and public use, and also has distinctive maintenance and habitat management goals and requirements.

1. Neighborhood Parks
2. Community Parks
3. Special Use Parks
4. Regional Parks
5. Open Space Parks
6. Trailways

The descriptions that follow provide greater detail in the distinguishing qualities of each of the six major park classifications listed above. These points of distinction are reflective of industry best-practices and adopted to improve the organization and management of parks with diverse amenities, aspects and performance measures. This information is pertinent when addressed in the facility needs discussed in the later sections of this report.

Neighborhood Parks

Neighborhood parks are intended to be easily accessible by adjacent neighborhoods and should focus on meeting neighborhood recreational needs, as well as preserving small open spaces in residential or commercial areas. Neighborhood parks are smaller than community or regional parks and are designed typically for residents who live within a one mile radius. Neighborhood parks, which provide recreational opportunities for the entire family, often contain landscaped areas, benches, picnic tables, playgrounds, and small turf areas. Passive recreation activities are predominant at neighborhood parks.

Neighborhood parks generally range from 0.01 to 3 acres depending on the community and the area.

- **Length of stay:** 30 minutes to one hour experience
- **Amenities:** Basic amenities for picnicking and for play. Limited or no parking and restrooms are common, with occasional pavilions/shelters.
- **Revenue producing facilities:** None
- **Programming:** 100% percent passive
- **Signage:** Limited signage throughout the park
- **Landscaping:** Limited landscaping throughout the park
- **Parking:** Little to no parking
- **Other:** Strong appeal to surrounding neighborhoods; integrated color scheme throughout the park; loop trail connectivity; safety design meets established standards.

Community Parks

Community parks are intended to be accessible to multiple neighborhoods and beyond, and meet a broader base of community recreational needs, as well as preserving unique landscapes and open spaces. Community parks are generally larger in scale than neighborhood parks, but smaller than regional parks and are designed typically for residents who live within a three to five mile radius. When possible, the park may be developed adjacent to a school. Community parks often contain facilities for specific recreational purposes: athletic fields, tennis courts, picnic areas, reservable picnic shelters, sports courts, permanent restrooms, large turfed and landscaped areas, and a playground. A mixture of passive and active outdoor recreation activities often take place at community parks.

Community parks generally range from 1.5 to 10 acres depending on the community and available space. Community parks serve a larger area – radius of 5 miles – and contain more recreation amenities than a neighborhood park.

- **Length of stay:** Two to three hour experience
- **Amenities:** A signature facility (i.e., trails, sports fields, large shelters/pavilions, playground, sports courts, water feature); public restrooms, parking, security lighting, ball field lighting are possible support features
- **Revenue producing facilities:** Limited
- **Programming:** 65% percent active; 35% passive
- **Signage:** Limited signage throughout the park
- **Landscaping:** Limited landscaping throughout the park
- **Parking:** Sufficient to support optimal usage
- **Other:** Community parks can include unique amenities or facilities that may draw users from a larger service area

Special Use Parks

Special use parks contain amenities that are unique and serve very specific recreational needs of an entire community. These sites can include multi-generational recreational centers, aquatic/swimming pool facilities, and historic facilities. Special use parks typically have broad appeal to diverse age segments and recreational interests, therefore can commonly have a service area that includes the entire community and even be a regional attraction. Special use parks can range from 0.25 to 25 acres on average depending on the community.

- **Length of stay:** 30 minutes to four hour experience
- **Amenities:** Single or multiple signature facilities (i.e. multi-generational recreational centers, aquatic/swimming pool facilities, historic facilities, golf course, regional tourism amenity).
- **Revenue producing facilities:** Multiple; park designed to produce revenue to assist in off-setting operational costs
- **Programming:** 50% active; 50% passive
- **Signage:** Strong signage throughout the park including entrance, wayfinding, and interpetive
- **Landscaping:** Strong focal entrances and landscaping throughout the park, only flora native to the site should be considered
- **Parking:** Sufficient for all amenities; can support a special event with a regional draw
- **Other:** Special use parks typically have facilities, amenities, or attractions that serve the entire community and possibly even regional appeal. These facilities are often considered major economic and social assets in a community.

Regional Parks

A regional park tyipcally serves multiple communities, residents within a town or city, or even across multiple counties. Depending on activities and amenities with a regional park, users may travel as many as 20 miles or 30 minutes for a visit. Regional parks usually include both the basic elements of a neighborhood park, combined with amenities similar to a community park. In addition, regional parks can feature specialized facilities including, but not limited to athletic facilities, sport complexes, and special event venues. Regional parks range in size from 5 to 50 acres, and should promote tourism and economic development by enhancing the economic vitality and identity of the entire region.

- **Length of stay:** Two hours to all day experience
- **Amenities:** Multiple signature facilities (i.e. athletic fields, outdoor recreation/extreme sports amenities, sports complexes, playgrounds, reservable picnic shelters, recreation center, pool, gardens, trails, specialty facilities); public restrooms, concessions, ample parking, and special event site.
- **Revenue producing facilities**: No less than two; park designed to produce revenue to assist in off-setting operational costs
- **Programming:** 50% active; 50% passive
- **Signage:** Strong signage throughout the park including entrance, wayfinding, and interpetive
- **Landscaping:** Strong focal entrances and landscaping throughout the park, only flora native to the site should be considered
- **Parking:** Sufficient for all amenities; can support a special event with a regional draw
- **Other:** Regional parks are generally the epicenter of many recreation programs and community events, and frequently draw visitors / users from a regional service area. These facilities are often considered major economic and social assets in a community.

Open Space Parks

Open space parks are simple recreation or natural areas that typically do not feature development on more than 5% - 10% of total park acreage. These areas can include diverse recreational opportunities that are managed such as multi-use trails (pedestrian, mountain biking, equestrian), fishing areas along creeks or rivers, or just open space. Traditionally, open space parks serve both a conservation and interpretive purpose for habitat preservation and responsible recreation.

Trailways

Trailways are usually complimentary to a regional trail system, or to another greenway or open space. These areas can include diverse recreational opportunities that are managed such as multi-use trails (pedestrian, mountain biking, equestrian), fishing areas along creeks or rivers, or just linear open space.

- **Length of stay:** Two hour to four hour experience
- **Amenities:** Multi-use trails
- **Revenue producing facilities:** None
- **Signage:** Strong signage throughout including entrance, regulatory, and wayfinding/directional
- **Landscaping:** Limited landscpaing at entrances and only flora native to the site should be considered
- **Parking:** Limited; capable of supporting use of the site and connected trail system

A table detailing the classification of Grapevine parks based upon these six categories of site and facility types is provided below.

Neighborhood Parks		Trailways
Austin Oaks Park	Glade Landing Park	Bear Creek Trail
Bayan Park	Hazy Meadows Park	C. Shane Wilbanks Trail
Bellaire Park	Oak Ridge Park	Dove Road Loop Trail
C.J. Hutchins Park	Parkwood Park	Gaylord Texan Trail
Cluck Park	Pecan Park	Ira Woods / Cottonbelt Trail
Dove Crossing Park	Shadow Glen Park	Mills Run Trail
Faith Christian Park	Sunshine Harbor	Northfield Trail
Glade Crossing Park	Yorkshire Meadows Park	Oak Grove Trail
Community Parks		Parr Road Trail
Bear Creek Park	Highpoint Park	Pool Road Trail
Big Bear Creek Nature Preserve	Parr Park	Ruth Wall Trail
Dove Park	Pickering Park	
Heritage Park	Wall-Farrar Park	
Special Use Park		
911 Plaza	Liberty Park	
Botanical Gardens/Mitchell House	Pleasant Glade Pool	
Community Activities Center Open Space	Town Square Park	
Regional Park		
Acorn Woods Park	Oak Grove Park	
Horseshoe Trails Park	Rockledge Park	
Meadowmere Park	Vineyards Campground	
Open Space Parks		
Lakeview Park	Katie's Woods	

Site and Facility Level of Service Standards

There are multiple methods that can be and are frequently used to determine the community need for park and recreation facilities. The most common and universally accepted approach to a level of service analysis originated with the National Recreation and Parks Association (NRPA) in the 1980's when the organization began establishing norms for the amount of park lands or park amenities a community should strive for based on population. The latest NRPA standards published in 1990 compares the supply of facilities against demand, as measured by the total population of a community[18]. These guidelines are typically reflected as the number of facilities or park acreages per a measureable segment of the population.

This master plan update utilizes a level of service analysis to establish reasonable and prudent standards for park lands and park amenities in Grapevine over the next 10 years. This process helps to identify where there are *likely* areas of need for appropriate development of new parks and park amenities that should be considered in order to meet the demands and expectations of residents throughout the community.

The level of service standards developed in this master plan update were derived from the combination of multiple analyses and reflect national and local best practices, the relevant needs of the community, financial limitations of the City, and the lack of available land for future park acquisition / development. Ultimately, these standards should be used to provide defensibility and data for leadership of the Department to make decisions about facility and asset priorities, but *should not* be taken unilaterally as the sole determinant of how the City will invest in the park system over the next 10 years. In other words, these standards should be used as a decision making tool and not as recommendations by themselves.

Grapevine Site and Facility Level of Service Standards

The site and facility level of standards analysis is a review of the inventory of parks and major park assets in relation to the total population of the study area. There are multiple approaches to determine standards that are appropriate for each community, thereby making it a complex analysis to establish relevant standards for the City of Grapevine.

In order to establish an appropriate set of standards for the Grapevine Parks and Recreation Department, the Consultant Team utilized a three-step method as described below:

1. Established current standards for existing parks and recreation sites and amenities, and projected future needs based upon projected population growth to maintain these standards.
2. Reviewed national standards provided by NRPA.
3. Developed standards collaboratively between the Consultant Team and management staff from Grapevine Parks and Recreation Department to project future needs based upon current standards, local trends, public input, and best practices in similar communities around the United States.

[18]Lancaster, R.A. (Ed.). (1990). Recreation, Park, and Open Space Standards and Guidelines. Ashburn, VA: National Recreation and Park Association.

CURRENT INVENTORY

There are 40 parks and sites totaling 1,554.42 acres in the Grapevine Parks and Recreation System. This system includes the following park types and major amenities:

Parks	Quantity	Size
Neighborhood Parks	16	15.54 acres
Community Parks	8	237.48 acres
Special Use Parks (includes recreation facilities)	6	13.80 acres
Regional Parks	6	1,083.30 acres
Open Space Parks	2	203.00
Total Parks	38	1,553.12 acres

Amenities	Quantity
Natural surface trails (mileage)	6.00
Improved surface trails (mileage)	17.70
Diamond ballfields (includes practice fields)	12
Rectangle sports fields (includes practice fields)	13
Basketball courts	6
Tennis courts	8
Sand volleyball courts	2
In-line hockey rink	2
Batting cages	4
Large pavilion (50+ persons)	5
Gazebo / shelters (< 50 persons)	10
Picnic areas	27
Playgrounds	31
Restrooms	20
Drinking fountains	37
Amphitheater / Performance venue	3
Boat ramps	10
Beaches	2
Sprayground playscape	1
Swimming pool	2
Cabins	13
Tent campsites	49
RV campsites	93
Historic features / facilities	2
Gardens	2
Disk golf course: 18-hole	1
Indoor multipurpose space – meeting rooms (sq. ft.)	1,316
Senior Activities Center	0
Indoor fitness/recreation space (sq. ft.)	48,000
Public Art	5

CURRENT LEVEL OF SERVICE STANDARDS BY PARK TYPE

NEIGHBORHOOD PARKS – 15.54 ACRES

The following table details neighborhood parks and their amenities.

Site / Facility Type	Austin Oaks Park	Bayan Park	Bellaire Park	C.J. Hutchins Park	Cluck Park	Dove Crossing Park	Faith Christian Park	Glade Crossing Park	Glade Landing Park	Hazy Meadows Park	Oak Ridge Park	Parkwood Park	Pecan Park	Shadow Glenn Park	Sunshine Harbor	Yorkshire Meadows Park
Neighborhood Parks (Acres)	1.25	0.77	0.33	0.68	0.73	0.30	1.25	0.85	0.95	2.50	0.81	0.88	0.88	2.33	0.28	0.75
Community Parks (Acres)																
Special Use Parks (Acres)																
Regional Parks (Acres)																
Open Space Parks (Acres)																
Total Park Acreage	**1.25**	**0.77**	**0.33**	**0.68**	**0.73**	**0.30**	**1.25**	**0.85**	**0.95**	**2.50**	**0.81**	**0.88**	**0.88**	**2.33**	**0.28**	**0.75**
Natural surface trails (mileage)																
Improved surface trails (mileage)																
Diamond Ball Fields																
Rectangle Sports Fields																
Basketball Courts	0.5				1.0								0.5			
Tennis Courts																
Volleyball Courts																
In-line hockey rink																
Batting cages																
Large pavilion (50+ persons)																
Gazebo / shelters (< 50 persons)			1.0													
Picnic Areas	1.0	1.0	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Playgrounds	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Restrooms																
Drinking fountains	1.0		1.0		1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0
Amphitheater / Performance venue																
Boat ramps																
Beaches																
Sprayground playscape																
Swimming pool																
Cabins																
Tent campsites																
RV campsites																
Historic features / facilities																
Gardens																
Disk golf course: 18-hole																
Indoor Multipurpose Space (sq. ft.)																
Senior Activities Center																
Indoor Fitness/Recreation Space (sq. ft.)																
Public Art																

C.J. Hutchins Park

Bellaire Park

COMMUNITY PARKS – 237.48 ACRES

The following table details community parks and their amenities.

Site / Facility Type	Bear Creek Park	Big Bear Creek Nature Preserve	Dove Park	Heritage Park	Highpoint Park	Parr Park	Pickering Park	Wall-Farrar Park
Neighborhood Parks (Acres)								
Community Parks (Acres)	54.63	38.75	8.61	2.42	65.50	31.51	6.50	29.56
Special Use Parks (Acres)								
Regional Parks (Acres)								
Open Space Parks (Acres)								
Total Park Acreage	**54.63**	**38.75**	**8.61**	**2.42**	**65.50**	**31.51**	**6.50**	**29.56**
Natural surface trails (mileage)								
Improved surface trails (mileage)		3.38	0.50				0.45	
Diamond Ball Fields	2.0					2.0	2.0	
Rectangle Sports Fields						2.0	2.0	
Basketball Courts			2.0	0.5		1.0		
Tennis Courts			6.0	2.0				
Volleyball Courts			1.0			1.0		
In-line hockey rink			1.0					
Batting cages								
Large pavilion (50+ persons)			2.0			1.0	1.0	
Gazebo / shelters (< 50 persons)	1.0			1.0		1.0		
Picnic Areas	1.0		1.0	1.0		1.0	1.0	
Playgrounds	1.0		1.0	2.0		3.0	1.0	
Restrooms	1.0		1.0	1.0		1.0		
Drinking fountains	2.0	1.0	3.0	2.0		2.0	1.0	
Amphitheater / Performance venue				1.0				
Boat ramps								
Beaches								
Sprayground playscape			1.0					
Swimming pool			1.0					
Cabins								
Tent campsites								
RV campsites								
Historic features / facilities								
Gardens				1.0				
Disk golf course: 18-hole	1.0							
Indoor Multipurpose Space (sq. ft.)				1,316				
Senior Activities Center								
Indoor Fitness/Recreation Space (sq. ft.)								
Public Art								

Parr Park

SPECIAL USE PARKS – 13.80 ACRES

The following table details special use parks and their amenities.

Site / Facility Type	Botanical Gardens	Community Activities Center Open Space	Liberty Park	Pleasant Glade Pool	Town Square Park	911 Memorial Park
Neighborhood Parks (Acres)						
Community Parks (Acres)						
Special Use Parks (Acres)	5.86	4.00	0.44	3.00	0.25	0.25
Regional Parks (Acres)						
Open Space Parks (Acres)						
Total Park Acreage	**5.86**	**4.00**	**0.44**	**3.00**	**0.25**	**0.25**
Natural surface trails (mileage)						
Improved surface trails (mileage)						
Diamond Ball Fields						
Rectangle Sports Fields						
Basketball Courts						
Tennis Courts						
Volleyball Courts						
In-line hockey rink		1.0				
Batting cages						
Large pavilion (50+ persons)						
Gazebo / shelters (< 50 persons)	1.0				1.0	
Picnic Areas						
Playgrounds						
Restrooms	1.0			1.0		
Drinking fountains	1.0					
Amphitheater / Performance venue	1.0					
Boat ramps						
Beaches						
Sprayground playscape						
Swimming pool				1.0		
Cabins						
Tent campsites						
RV campsites						
Historic features / facilities	1.0		1.0			
Gardens	1.0					
Disk golf course: 18-hole						
Indoor Multipurpose Space (sq. ft.)						
Senior Activities Center						
Indoor Fitness/Recreation Space (sq. ft.)		48,000				
Public Art	1.0		2.0			1.0

Community Activities Center

Senior Activities Center

REGIONAL PARKS – 1,083.30 ACRES

The following table details regional parks and their amenities.

Site / Facility Type	Acorn Woods Park	Horseshoe Trails Park	Meadowmere Park	Oak Grove Park	Rockledge Park	Vineyards Campground
Neighborhood Parks (Acres)						
Community Parks (Acres)						
Special Use Parks (Acres)						
Regional Parks (Acres)	135.00	293.00	268.00	228.00	86.30	73.00
Open Space Parks (Acres)						
Total Park Acreage	**135.00**	**293.00**	**268.00**	**228.00**	**86.30**	**73.00**
Natural surface trails (mileage)		5.00	1.00			
Improved surface trails (mileage)				1.30		
Diamond Ball Fields				12.0		
Rectangle Sports Fields			6.0	7.0		
Basketball Courts						
Tennis Courts						
Volleyball Courts						
In-line hockey rink						
Batting cages				4.0		
Large pavilion (50+ persons)					1.0	
Gazebo / shelters (< 50 persons)				3.0		1.0
Picnic Areas	1.0	1.0	1.0		1.0	1.0
Playgrounds				4.0	1.0	1.0
Restrooms			1.0	6.0	3.0	2.0
Drinking fountains	1.0	1.0	1.0	6.0		
Amphitheater / Performance venue						1.0
Boat ramps				5.0		1.0
Beaches			1.0			1.0
Sprayground playscape						
Swimming pool						
Cabins						13.0
Tent campsites			49.0			
RV campsites						93.0
Historic features / facilities						
Gardens						
Disk golf course: 18-hole						
Indoor Multipurpose Space (sq. ft.)						
Senior Activities Center						
Indoor Fitness/Recreation Space (sq. ft.)						
Public Art				1.0		

Meadowmere Park

Vineyards Campground

OPEN SPACE PARKS – 203.00 ACRES

The following table details open space parks and their amenities

Site / Facility Type	Lakeview Park	Katie's Woods
Neighborhood Parks (Acres)		
Community Parks (Acres)		
Special Use Parks (Acres)		
Regional Parks (Acres)		
Open Space Parks (Acres)	147.00	56.00
Total Park Acreage	**147.00**	**56.00**
Natural surface trails (mileage)		
Improved surface trails (mileage)		
Diamond Ball Fields		
Rectangle Sports Fields		
Basketball Courts		
Tennis Courts		
Volleyball Courts		
In-line hockey rink		
Batting cages		
Large pavilion (50+ persons)		
Gazebo / shelters (< 50 persons)		
Picnic Areas	1.0	1.0
Playgrounds	1.0	
Restrooms	1.0	1.0
Drinking fountains	1.0	1.0
Amphitheater / Performance venue		
Boat ramps	2.0	2.0
Beaches		
Sprayground playscape		
Swimming pool		
Cabins		
Tent campsites		
RV campsites		
Historic features / facilities		
Gardens		
Disk golf course: 18-hole		
Indoor Multipurpose Space (sq. ft.)		
Senior Activities Center		
Indoor Fitness/Recreation Space (sq. ft.)		
Public Art		

TRAILS AND TRAILWAYS

Site / Facility Type	Big Bear Creek Nature Preserve	Horseshoe Trails Park	Meadowmere Park	Oak Grove Park	C. Shane Wilbanks Trail	Dove Road Loop Trail	Gaylord Texan Trail	Ira Woods / Cottonbelt Trail	Mills Run Trail	Northfield Trail	Parr Road Trail	Pool Road Trail	Totals
Natural surface trails (mileage)		5.00	1.00										6.00
Improved surface trails (mileage)	3.38			1.30	3.20	1.83	1.29	2.70	1.11	0.60	0.80	1.56	17.70

National Level of Service Standards

In 1990, NRPA developed and published recommended level of service standards for park and recreation communities[19]. Not all amenities featured within the City of Grapevine Parks and Recreation Department system have a corresponding national standard, but comparisons are provided for those that do. Park land standards are based on total recommended park land inventories being 10 acres per every 1,000 residents. The NRPA level of service standards are detailed in the table below.

Site / Facility Type	NRPA National Standards		
Total Park Acreage	10.00	Acres per	1,000
Diamond Ball Fields	3.00	per	10,000
Rectangle Sports Fields	1.50	per	10,000
Basketball Courts	2.00	per	10,000
Tennis Courts	5.00	per	10,000
Racquetball Courts	0.50	per	10,000
Volleyball Courts	2.00	per	10,000
Swimming Pool	0.50	per	10,000
Golf Course	0.20	per	10,000

Utilizing national level of service standards, increases in park acreages, as well as park and recreation amenities in Grapevine would not be required for 2015 and 2020. **The current inventory of total park land in Grapevine exceeds national recommended standards by 1,048 acres based on the estimated 2010 population of the City**, and will continue to exceed these standards by 967 acres in the next 10 years based on the projected population by 2020.[20]

Recommended Level of Service Standards

Recommended site and facility level of service standards were uniquely developed for Grapevine Parks and Recreation Department based on the following:

1. Public interests, needs and priorities gathered in the community input process
    a. Community meetings
    b. Focus groups and interviews
    c. Household survey
2. Capacity for growth
    a. Financial
    b. Land availability
    c. Public interests
    d. Population growth / demand
3. City-wide priorities

Numbers (quantities) listed in the tables on the following pages indicate the inventory required by 2015 or 2020 to meet the recommended standard based on corresponding population projections. **These are cumulative, not additive, recommendations.** In other words, calculations for 2020 based on recommended standards assume that the calculations for 2015 have not been achieved. Negative numbers indicate inventories that exceed the recommended standard. Numbers in parenthesis represent the number of acres or facilities that exceed the recommended standard based upon the current inventory and projected population.

[19] Lancaster, R.A. (Ed.). (1990). Recreation, Park, and Open Space Standards and Guidelines. Ashburn, VA: National Recreation and Park Association.

[20] The Consultant Team applied the same percentage population growth from 2000 to 2010, to project the potential population for 2020. This projection is estimated to be 58,734 residents.

Site / Facility Type	Totals	Current Grapevine Standards			Recommended Standards			2015 Calculation (Acres) Based on Recommended Standards	2020 Calculation (Acres) Based on Recommended Standards
Neighborhood Parks (Acres)	15.54	0.32	Acres per	1,000	0.30	Acres per	1,000	0.25	2.08
Community Parks (Acres)	237.48	4.89	Acres per	1,000	4.50	Acres per	1,000	3.86	26.81
Special Use Parks (Acres)	13.80	0.28	Acres per	1,000	0.10	Acres per	1,000	(8.44)	(7.93)
Regional Parks (Acres)	1,083.30	22.31	Acres per	1,000	15.00	Acres per	1,000	(278.85)	(202.35)
Open Space Parks (Acres)	203.00	4.18	Acres per	1,000	3.50	Acres per	1,000	(15.30)	2.55
Total Park Acreage	**1,553.12**	**31.99**	**Acres per**	**1,000**	**23.40**	**Acres per**	**1,000**	**(4.33)**	**20.96**
Natural surface trails (mileage)	6.00	1.24	per	10,000	3.00	per	10,000	10.08	11.61
Improved surface trails (mileage)	17.70	3.65	per	10,000	4.00	per	10,000	3.74	5.78
Diamond Ball Fields	12	2.47	per	10,000	3.50	per	10,000	6.76	8.55
Rectangle Sports Fields	13	2.68	per	10,000	3.50	per	10,000	5.76	7.55
Basketball Courts	6	1.13	per	10,000	1.50	per	10,000	2.54	3.31
Tennis Courts	8	1.65	per	10,000	2.25	per	10,000	4.06	5.21
Volleyball Courts	2	0.41	per	10,000	1.00	per	10,000	3.36	3.87
In-line hockey rink	2	0.41	per	10,000	0.10	per	10,000	(1.46)	(1.41)
Batting cages	4	0.82	per	10,000	0.75	per	10,000	0.02	0.40
Large pavilion (50+ persons)	5	1.03	per	10,000	2.00	per	10,000	5.72	6.74
Gazebo / shelters (< 50 persons)	10	2.06	per	10,000	3.50	per	10,000	8.76	10.55
Picnic Areas	27	5.57	per	10,000	5.50	per	10,000	2.48	5.29
Playgrounds	31	6.39	per	10,000	6.00	per	10,000	1.16	4.22
Restrooms	20	4.12	per	10,000	2.00	per	10,000	(9.28)	(8.26)
Drinking fountains	37	7.63	per	10,000	4.00	per	10,000	(15.56)	(13.52)
Amphitheater / Performance venue	3	0.62	per	10,000	0.25	per	10,000	(1.66)	(1.53)
Boat ramps	10	2.06	per	10,000	1.00	per	10,000	(4.64)	(4.13)
Beaches	2	0.41	per	10,000	0.40	per	10,000	0.14	0.35
Sprayground playscape	1	0.21	per	10,000	0.50	per	10,000	1.68	1.94
Swimming pool	2	0.41	per	10,000	0.56	per	10,000	1.00	1.29
Cabins	13	2.68	per	10,000	2.00	per	10,000	(2.28)	(1.26)
Tent campsites	49	10.10	per	10,000	10.00	per	10,000	4.60	9.70
RV campsites	93	19.18	per	10,000	5.00	per	10,000	(66.20)	(63.65)
Historic features / facilities	2	n/a	per	10,000	n/a	per	10,000	n/a	n/a
Gardens	2	0.41	per	10,000	0.25	per	10,000	(0.66)	(0.53)
Disk golf course: 18-hole	1	n/a	per	10,000	n/a	per	10,000	n/a	n/a
Indoor Multipurpose Space (sq. ft.)	1,316	271.34	per	10,000	500.00	per	10,000	1,364.00	1,619.00
Senior Activities Center	0	0.00	per	10,000	3,000.00	per	10,000	16,080.00	17,610.00
Indoor Fitness/Recreation Space (sq. ft.)	48,000	9,896.91	per	10,000	9,900.00	per	10,000	5,064.00	10,113.00
Public Art	5	1.03	per	10,000	9,900.00	per	10,000	53,059.00	58,108.00

Summary of Level of Service Standards Analysis

In summary, these recommended level of service standards yield the following key results for meeting community needs in the next 10 years:

1. The largest areas of need will be indoor fitness/recreation space, indoor multipurpose space, and improved surface trails.
2. It is anticipated that expansion of both the Community Activities Center and Senior Activities Center will accommodate the projected needs for indoor fitness/recreation space and indoor multipurpose space.
3. It is recommended that approximately 2.66 acres of neighborhood parks be added to the system by 2020.
4. Developing natural surface trails within city parks or connecting to city parks are a need in the next 10 years.
5. Amenity-based recommendations are balanced between passive, self-guided recreation such as pavilions, picnic areas, and playgrounds, and more active amenities such as sport fields, sport courts, and aquatic facilities

These recommended standards and calculations should not be utilized as a sole determinant for future decisions and priorities of the Grapevine Parks and Recreation Department. Rather, these standards are a helpful tool to compare the existing inventory against projected population changes, and to account for priorities gleaned from public input in this master plan update project.

PRIORITIZED NEEDS SUMMARY

This *Prioritized Needs Summary* details the park and program priorities for the Grapevine Parks and Recreation Department from which specific tactics will be developed in the *Parks and Recreation Master Plan Update.* These needs were identified by the Consultant Team based upon industry best practices and our experience in the field, and were derived from the findings of the following previous analyses:

- Comprehensive site, facility, and program assessments
- Extensive public input
- Interviews with leadership and staff of the City and Department
- Focus groups with key stakeholders, user groups, and community leadership
- Demographics and trends analysis
- Park classifications and facility standards analysis

Each need has been assigned a priority level as primary or secondary to support future project sequencing, investment of public resources, and meeting community expectations. **The priority assignment for each need is not a measure of importance.** Rather, these recommended priorities are a result of both qualitative and quantitative analyses to create and maintain an appropriate balance of focus for the operations of the Department over the next 10 years.

PRIORITIZED FACILITY NEEDS

Park / Facility Need	Recommended Priority Assignment
Multi-use trails that improve connectivity within the community	Primary
Expansion of the Community Activities Center	Primary
Expansion of the Senior Activities Center	Primary
Additional non-programmed, active open space for spontaneous recreation	Primary
Enhancement of lake park amenities and recreational access	Primary
Development of a large, regional attraction that utilizes recreation-based tourism	Primary
Improve and upgrade existing restrooms in parks	Primary
Develop an interpretive nature center	Primary
Expand existing outdoor sport and athletic facilities	Primary
Expand existing pavilions/shelters	Secondary
Expand existing playgrounds	Secondary
Improve existing and develop new special event venues	Secondary

PRIORITIZED PROGRAM NEEDS

Program Need	Recommended Priority Assignment
Enhance partnership program to engage alternative providers in the community as a network of recreational opportunities in Grapevine	Primary
Enhance partnered programs that improve the health and lifestyles of residents	Primary
Enhance the quality and accessibility of youth programs	Primary
Enhance the quality and diversity of programs for adults of all ages	Primary
Enhance the quality and diversity of programs for residents with special needs	Primary
Enhance programs that promote safety in the community	Primary
Enhance programs that celebrate the significance of natural and cultural resources of Grapevine (i.e. interpretive signage, naturalist programs, etc.)	Primary
Enhance and try new programs that will engage new families in recreational experiences	Secondary
Enhance programs that promote and draw tourism to the city	Secondary

Summary of Recommendations

Site and Facility Recommendations

Recommended Enhancements to Existing Sites and Facilities

The following recommendations are organized as "general" recommendations either pertaining to the whole system or to features in the community that are not located at a specific park, "park-by-park" recommendations for each site, and facility recommendations for recreation centers'.

GENERAL

- Incorporate opportunities for large corporate shelters at select parks throughout the system
- Develop a consistent signage program for the whole parks system
- Improve existing landscaped medians
- Continue to integrate art, recreation and hospitality into the approach to parks development in the city
- Add multi-purpose practice game fields at select parks to accommodate diverse sports such as lacrosse
- Add additional parks in underserved areas of the city
- Create loop trails in the parks to add more health and wellness components, increase frequency of park usage, and to create a stronger social atmosphere in the parks
- Add bike racks to downtown areas and in the parks
- Improve lighting on existing sports complexes
- Finish developing all parks in the system that have an approved Master Plan
- Develop (1) full universal playground in the City
- Add new restrooms and renovate older restrooms
- Consider more park land in South Grapevine to better balance the system
- Consider identifying and marking birding/wildlife viewing areas in the system
- Development of a citywide on-road bike plan

PARK-BY-PARK RECOMMENDATIONS

AUSTIN OAKS PARK

- No recommendations at this time

BANYAN PARK

- No recommendations at this time

BEAR CREEK PARK

- Complete development of park as outlined in the site master plan
- Construct fencing around sport fields
- Erect lighting for sport fields
- Repair and enhance paving/curbing in the parking lot
- Replace and refurbish park and interpretive signage
- Improve the image of the disc golf course and incorporate higher levels of maintenance standards; consider relocation of disc golf course and address maintenance issues
- Update park master plan

BIG BEAR CREEK NATURE PARK

- No recommendations at this time

BELLAIRE PARK

- No recommendations at this time

BOTANICAL GARDENS (AT HERITAGE PARK)

- Convert Bessie Mitchell Meeting Facility into an environmental education center or natural science center; formalize as the main entry point to the Gardens
- Develop maintenance area and greenhouse/winter storage facility off of Scribner Street
- Fence entire property including play area near parking lot
- Complete walkways, irrigation and planting areas on east side of the Gardens
- Develop a Children's Garden
- Expand the Gardens to the south along the creek per the partnership with the neighboring church
- Address erosion issues in the creek

C.J. HUTCHINS PARK

- No recommendations at this time

CLUCK PARK

- Improve drainage issues

DOVE CROSSING PARK

- No recommendations at this time

DOVE PARK

- Convert all or portion of existing pool to sprayground/sprayscape, or add new sprayground/sprayscape
- Add modular skate components to in-line skating area to mitigate skating on sport court areas
- Add a sand volleyball court
- Develop additional parking to service the park

ENVIRONMENTALLY SENSITIVE AREAS (ESA'S)

The City of Grapevine has identified 558 +/- acres of U.S. Army Corps of Engineers leased park land on Lake Grapevine as Environmentally Sensitive Areas (ESA's), in conjunction with the 482 +/- acres that the USACE identified in the USACE Grapevine Lake Master Plan Supplement (January 11, 2001). The City of Grapevine has also identified approximately 55 +/- acres along Big Bear Creek in south Grapevine as ESA's. The total acreage of ESA's designated in Grapevine is 1,090 +/- acres and represents 70% of the total park acreage in the City.

The purpose for designated these additional areas is to provide for and protect the native species of flora and fauna habitat by minimizing improvements. Park amenities within these areas may include soft surface or hard surface trails, benches, trash receptacles, water fountains, or interpretive areas. The City reserves the right to remove invasive flora from these areas and to reintroduce native species to encourage a natural habitat and to allow the native flora to flourish.

FAITH CHRISTIAN PARK

- No recommendations at this time

GLADE CROSSING PARK

- Add park signage

GLADE LANDING PARK

- No recommendations at this time

HAZY MEADOWS PARK

- Enhance directional/way-finding signage leading to trailhead; notify users that the park is the trailhead for Bear Creek Trail

HERITAGE PARK

- Add shade structure at picnic pad near playground

HIGHPOINT PARK

- No recommendations at this time

HORSESHOE TRAILS PARK

- Develop restrooms at the park
- Improve the trail surfacing
- Formalize parking and entrance on Dove Road

KATIE'S WOODS

- Add a loop trail and trail connections throughout the park
- Add permanent parking spaces servicing the park

LAKEVIEW PARK

- Gradually phase-out amenities that are under-utilized in the park
- Develop new restrooms at the park
- Replace/update playground at the park
- Renovate one of the existing boat ramps
- Create a "No Wake Zone" near the swimming area
- Explore options to minimize the traffic/use of the park as overcrowding occurs at times during the summer months

LIBERTY PARK

- No recommendations at this time

MEADOWMERE PARK

- Develop a new master plan for the park to replace the plan that was approved by the City Council in 1998 that has the following amenities:
    - Dock and storage facility for the Jr. Sailing Program
    - Outdoor amphitheater/performance venue
    - Ten sand volleyball courts
    - Three large picnic pavilions
    - Fishing pier
- Other recommended improvements:
    - Remove pay station at the park for free access to the park
    - Enhance parking areas in the park
    - Pave the parking lots at the soccer complex and the remote control airplane field
    - Explore nature walks/wildlife viewing opportunities

- Develop permanent restrooms at the soccer complex
- Erect lighting at the soccer fields
- Renovate roads in the park
- Improve alignment of the major roads in the park
- Install a fish cleaning station
- Add 10 overflow camping sites near park host site

OAK GROVE PARK

- Extend trail along Oak Grove Loop to provide additional mileage for walkers, runners, and bicyclists
- Develop restroom in Acorn Woods Park section
- Develop day use amenities and expanded trails in Acorn Woods Park
- Remove Farris Boat Ramp and repurpose the area
- Install a privacy fence or vegetative screening around maintenance area and storage yard of marina
- Erect lighting at soccer fields
- Develop circulation and access to soccer fields
- Develop one additional soccer field south of Field #6
- Fence soccer fields #5 and #6
- Renovate/repurpose restroom and concession facility at the soccer fields
- Explore shared use space, including parking and other complimentary assets/amenities, between Soccer Complex and Softball Complex in currently open areas
- Initiate plans that call for wagon wheel conversion of softball complex including addition of fourth field
- Replace/renovate restroom and concession facility at the softball complex
- Develop play equipment at the softball complex
- Complete infield in practice areas
- Develop a tournament pavilion at the ballfield complex
- Cease all use of unique brands for specific programs; if desired, create a synergistic branding theme that correlates individual programs back to the overarching brand via lettering/color/art/design/etc.
- Eliminate street-side parking near softball complex; adequate parking can be found a short distance down the road at the softball complex
- Renovate and repair Trawick Pavilion
- Develop restrooms near Trawick Pavilion
- Develop playground near Trawick Pavilion
- Develop a sprayground/sprayscape at the park
- Develop two (2) large group pavilions at the park

OAK RIDGE PARK

- No recommendations at this time

PARKWOOD PARK

- Add park signage using current sign standards

PARR PARK

- Extend concrete street into park, including curbing and gutters
- Develop a basketball court at the park
- Erect lighting for the two (2) athletic fields
- Develop a small pavilion south of the playground

PECAN PARK

- Explore alternate entrance off of Summerfield; current entrance has a fire hydrant located directly in center of pathway in addition to an extreme grade

PICKERING PARK

- Install pre-fabricated restroom
- Complete infield at practice areas

PLEASANT GLADE POOL

- Develop site signage and clear sense of arrival to the facility
- Update pool design and install aquatic play features for children
- Explore development of sprayground/sprayscape
- Repair and enhance the existing bath house

ROCKLEDGE PARK

- Develop master plan for the site
- Standardize park signage
- Enhance entrance to park so use of traffic cones and highway barrier is not required
- Develop park entry station / store
- Add storage area for park host site
- Add trailhead signage in the park
- Develop overflow parking area
- Replace restrooms in the park
- Explore potential for extending City water and sewer infrastructure to the park site
- Keep day use of park and consider some sports adventure venue via the RFP process

SHADOW GLEN PARK

- No recommendations at this time

SUNSHINE HARBOR PARK

- No recommendations at this time

TOWN SQUARE

- No recommendations at this time

VINEYARDS CAMPGROUND

- Develop new gate office or entry station
- Overlay / renovate roads in the park
- Develop storage solution for firewood located at the park entrance
- Remove asphalt walkway to playground and replace with accessible concrete sidewalk
- Develop curbing or border around swimming beach; provide access to the swimming beach via accessible concrete walkway
- Develop additional park host sites
- Develop a hospitality/meeting facility to support the use of the campground by organized groups and to accommodate special events
- Develop one (1) sand volleyball courts in the park
- Develop sprayground/sprayscape in the park
- Enhance utilities in the park to include cable TV for RV sites
- Develop a large group pavilion
- Formalize courtesy dock ramps
- Add air conditioning to laundry facility and bathroom
- Develop seven (7) additional RV sites
- Irrigate campground areas
- Replace west restroom to include additional laundry facilities

WALL-FARRAR PARK

- Develop nature center building, interpretive trails, wildlife viewing areas, and support amenities

YORKSHIRE MEADOWS PARK

- Address drainage issue at the park

911 MEMORIAL PLAZA

- Maintain public art and landscaping

FACILITY RECOMMENDATIONS

BESSIE MITCHELL MEETING FACILITY

As mentioned previously in the park recommendations for Heritage Park, the Bessie Mitchell Meeting Facility has potential to be used in an alternative manner. The recommendations below detail an alternative that can produce synergy with the Botanical Gardens.

- Redevelop the meeting facility as an environmental education center with exhibits and support features
- Utilize the building as the clear point of entry for the Botanical Gardens

COMMUNITY ACTIVITIES CENTER

There are numerous recommendations detailed below regarding the expansion of the Community Activities Center (CAC). These recommendations assume a significant development/expansion project, and are based on an assessment of the facility and extensive public input.

- Develop indoor aquatic amenities to include lap pool for fitness, therapeutic pool for lessons and rehab programs, in-water play features with zero depth entry, deep water space for more open swim and learn to swim activities
- Develop additional multi-purpose programming space to relieve pressure on the existing gymnasiums
- Expand the fitness area and weight room to accommodate more fitness machines and a separate area for free weights
- Expand the locker rooms and changing areas
- Develop covered and lighted basketball and sand volleyball courts outside, but adjacent to the main building
- Expand/reconfigure parking area servicing the facility
- Consider development of teen area within the CAC that includes games, meeting space, TV lounge, and gathering areas.
- Consider a multi-generational facility in expansion

MERLOT ROOM

- No recommendations at this time

SENIOR ACTIVITIES CENTER

The Senior Activities Center (SAC) is a highly regarded facility in Grapevine renowned for extraordinary service in the community. The facility is undersized given its current and future demand. The recommendations below are targeted at expansion of this facility.

- Expand the food service kitchen and large dining area
- Develop additional multi-purpose classroom space
- Expand the arts and crafts area
- Expand the lobby and administrative area

RECOMMENDED NEW DEVELOPMENTS

The following recommendations address developing new sites and/or facilities as a part of the Grapevine Park and Recreation System. These recommendations are based on a thorough review of the community and its current assets, extensive public input, and a general analysis of the market in which Grapevine Parks and Recreation facilities operate.

SPECIAL EVENTS PARK

It is recommended to develop a 50-70 acre special events park near the Community Activities Center that would incorporate multiple amenities to further energize the central area of the community. This site and its facilities could become a focal point of special events, concerts and other outdoor performances, and a highly valued area of gathering and socializing with friends and family. The following amenities are recommended:

- Large amphitheater / outdoor performance venue
- Restrooms / concession building
- Loop trail
- Playground
- Sprayground/sprayscape
- Parking area
- Open space for free play

COMMUNITY CONNECTIVITY

Grapevine is a community that is well poised to significantly improve the internal connectivity provided by paved commuter trails. It is recommended that the community adopt a priority to develop trails that connect parks, enhance recreation opportunities, and improve non-motorized transportation throughout the city. The following specific projects are provided:

- Develop trails approved on the Hike & Bike Trail Master Plan
- Includes Safe Routes to Schools trails
- Includes Cultural Trail within the community that integrates public art into the trail
- Development of a city-wide on-road bike plan

WALL-FARAR NATURE CENTER

This recommendation is mentioned previously under Wall-Farrar Park, but is more thoroughly described as a new development with the following amenities:

- Nature center building
    - “Green” design / LEED certification design qualities
    - Serviced by renewable energy
    - Utilizes rainwater harvesting for irrigation of landscaping at the center
    - Features interpretive exhibits
    - Administration and storage space
    - Meeting room
- Trails - Interpretive trails with wildlife viewing areas
- Demonstration areas
    - Renewable energy
    - Composting
    - Rainwater harvesting

Operational Recommendations

There are multiple recommendations developed by the Consultant Team in concert with the leadership of Grapevine Parks and Recreation Department to continue the best practices of the agency. These are detailed below in two sections – general recommendations and program recommendations.

General Recommendations

- Buy-out the land lease on the west side of the dam from Marina International for a signature attraction to support operations of the Lake Parks
- Consider increasing non-resident access fees for areas in the Lake Parks on weekends to maximize revenue generation from non-city resident visitors
- Promote environmental stewardship in park through environmental design principles
- Develop a city-wide on-road bike plan
- Develop design principles for each park to achieve an outcome desired
- Develop a program plan for the Lake Parks and the parks in general but leave un-programmed space available for youth and families to play
- Continue to develop Keep Grapevine Beautiful and incorporate more volunteer opportunities in the parks and recreation facilities provided by the city
- Develop maintenance standards tied to operational costs (both direct and indirect cost) to determine unit/incremental costs (i.e. costs to maintain an acre of property, mile of trail, playground area, picnic area etc.)
- Develop a maintenance work-order system to help staff track and manage lifecycles in the parks and replacement schedules
- Develop a landscape management plan for the system as a whole
- Develop a parking plan for the park system as a whole
- Enhance management polices need to be addressed as it applies to charging for parks when the expectation of achieving a self-supporting Lake Park system
- Work closely with existing non-profit or to develop a new non-profit partner that can aid the Department with fund development in the public and private sector to support operational and capital costs
- Develop a pricing and program plan for the Department to guide the services for the next five years
- Improve the operational efficiency of the pools in the city, redesign them or change them out to spray grounds
- Continue implementing the public art program with all capital projects in the city and consider a small percentage of each capital project for the creation of public art and maintenance of public art.

PROGRAM RECOMMENDATIONS

- Enhance the use of social networks and the parks website to draw more users to the system
- Consider the following as core programs:
    - Adult sports
    - Youth sports
    - Fitness/wellness for youth and families
    - Before and after school program
    - Summer Day Camps
    - Senior Services
    - Environmental / nature based programs
    - Outdoor Recreation and Adventure
    - Heritage awareness
    - Art/Dance, Performing Arts
    - Golf Development Programs
    - Early Childcare programs
    - People with Disabilities Programs

Community Values Model and Implementation Plan

This final chapter of the master plan update has been developed as a tactical tool for planning and executing actions aligned with the approved strategies of the Department in meeting community needs and interests over the next 10 years. These actions and strategies have been tested against and support the functional core services of the Grapevine Parks and Recreation Department. These core services are:

- ***Care of Infrastructure***
  - **parks, facilities, pools and trails**
- ***Health and Prevention***
  - **after-school programs, senior, adult, teen, youth, & family wellness**
- ***Safety***
  - **parks and facility supervision, maintenance, water safety**
- ***Community Heritage & Preservation***
  - **conservation park, historical properties, parks and green space**

Strategies of the Master Plan Update

There were 30 key strategies identified through the public input process associated with this master plan update that were organized into a Community Values Model. These strategies were uniquely developed to steer the Department in the next decade to remain a highly valued asset and service in the City of Grapevine by meeting community needs, interests, and expectations, and are based upon the findings from multiple interviews, numerous focus groups, public meetings, and the statistically-valid community survey. The strategies are organized into five categories and have been addressed in all recommendations throughout this master plan update. The categories and subsequent strategies are detailed below.

Category 1: Community Mandates

Goal: **Maintain and enhance park, trail and recreation facilities and programs to promote community interaction, healthy lifestyles and safety.**

Strategy 1.1: Care for and enhance the quality of current park sites, facilities, amenities and programs within the Grapevine Parks and Recreation System.

Strategy 1.2: Provide parks and facilities that are equitably accessible to residents throughout the city, reflect the ability to serve a diverse public, and meet ADA compliance requirements.

Strategy 1.3: Upgrade park, trail and recreation facilities to meet the needs of current users.

Strategy 1.4: Continue to enhance safety and security in parks and neighborhoods that encourages positive use of the community's amenities.

Strategy 1.5: Pursue responsible new improvements of the parks, trails and recreation facilities in areas of the greatest growth and unmet needs.

Strategy 1.6: Leverage a variety of resources to support capital and operational needs of the Grapevine Parks and Recreation Department.

CATEGORY 2: STANDARDS

Goal: Update and utilize standards for development, design, operations, and maintenance of park and recreation sites and facilities.

Strategy 2.1: Utilize consistent design standards (city specific) in park and facility development, including standards for landscaping, amenities, public art and sustainable materials.

Strategy 2.2: Maintain and track timely standards of response to public complaints, concerns or inquiries.

Strategy 2.3: Define and maintain consistent and ongoing public input standards to continually refine the successful delivery of services, design of facilities, and site improvements.

Strategy 2.4: Establish standards for partnerships within both the public and private sectors to augment the capital and operational resources of the Department.

Strategy 2.5: Enhance communication and evaluation standards for marketing and promotions of the Department to improve community awareness of programs, services, and facilities available in Grapevine, as well as to diversify usage and increase participation that generates earned revenues.

Strategy 2.6: Maintain consistent and updated standards for asset and amenity management in order to maximize and expand their useful lifespan.

Strategy 2.7: Establish environmental sustainability standards for the Parks and Recreation Department.

Strategy 2.8: Maintain local, state, and national recognition as a best practices organization.

CATEGORY 3: PROGRAMS AND SERVICES

Goal: Provide balance and consistency in delivery of programs and services by meeting the needs of the diverse public within the City of Grapevine.

Strategy 3.1: Align programs and services to the functional core services of the Department.

Strategy 3.2: Develop and maintain high quality programs that promote health and wellness, and build a stronger sense of community.

Strategy 3.3: Provide programs and services that have a regional appeal for purposes of economic development.

Strategy 3.4: Provide access to quality programs, services and partnerships that fulfill unique and specialized needs of the community's residents.

Strategy 3.5: Develop and maintain programs that interpret the significance of the natural, cultural and historic resources of the City.

CATEGORY 4: BUSINESS PRACTICES

Goal: Manage park and recreation facilities and programs that support the financial goals of the Parks and Recreation Department and the City of Grapevine.

Strategy 4.1: Develop a comprehensive cost recovery plan for programs, services, and facilities that appropriately balances public funding with earned revenues, and

maintains an appropriate balance of affordability and entrepreneurialism in the programs and services of the Department.

Strategy 4.2: Update the fee philosophy and pricing plan to reflect total costs of service, level of service, cost recovery goals, user demographics, and a sustainable approach to managing programs and facilities.

Strategy 4.3: Maximize the capability of new and existing technology to enhance business practices.

Strategy 4.4: Ensure cost control measures utilized by the Department enhance efficiency and effectiveness of operations.

Strategy 4.5: Establish alternative funding policies and procedures that support capital and operating expenses to include sponsorships and grants generated by Keep Grapevine Beautiful for support of park and recreation projects and items approved in this master plan.

CATEGORY 5: COMMUNITY OUTREACH AND PARTNERSHIPS

Goal: Maximize resources through partnerships that leverage parks, trails, recreation facilities, and open space development and program opportunities.

Strategy 5.1: Maintain a formalized on-going community outreach strategy to expand awareness of parks and recreation services offered to the community.

Strategy 5.2: Assess and monitor services provided to the community, and play an active role in the network of services and opportunities available to residents, organizations and businesses.

Strategy 5.3: Pursue and develop viable partnerships with youth service organizations and schools for youth development opportunities.

Strategy 5.4: Develop a sustainable partnership with an established non-profit organization to leverage private sector funding to support select capital projects and programs.

Strategy 5.5: Review and update terms of agreements with existing partners utilizing City of Grapevine parks and facilities for public or private events.

Strategy 5.6: Develop public/public, public/not-for-profit, and public/private partnership policies that may include strategies for engaging neighborhoods and community organizations in helping maintain park facilities, and provide programs and services.

Strategy 5.7: Expand the volunteer management system to further utilize volunteers throughout the park and recreation system and the City as a whole.

PROGRAMS AND SERVICES

The consultant team formulated prioritized programs and services recommendations for Grapevine Parks and Recreation Department based upon the following criteria and elements:

1. Existing programs and services
2. Interviews with key stakeholders and user groups
3. Public feedback from workshops and community-wide survey
4. Industry best practices and emerging trends
5. Community needs, constraints, and characteristics

These programs and services are intended to build upon existing successful programs and services at the Grapevine Parks and Recreation Department, and are designed to achieve the following for the agency:

- Improve the engagement and appeal of Grapevine parks and recreation facilities to existing and new users
- Promote healthy lifestyles among residents of all ages
- Promote the safety of neighborhoods throughout the city
- Celebrate the natural and cultural resources of the city
- Improve the framework in which the Department can seek collaborative opportunities with community partners

The prioritized program and service recommendations were developed and outlined in the Needs Analysis section of this master plan update. These recommendations have been formulated to meet the above-stated criteria and desired outcomes, and are intended to expand upon the existing successful programs and services provided by the Department. These recommendations have been compiled into a sequencing matrix on page 67 of this report.

CAPITAL IMPROVEMENT PLAN

This *Capital Improvement Plan* section of the master plan update is the culmination of facility and asset recommendations derived as priorities over the next 10 years. These recommended capital projects are aligned within the vision, mission, and core values of the Department, and have been preliminarily scoped based upon the findings of the assessments and needs analysis reports.

CAPITAL PROJECT IDENTIFICATION

This master plan update includes detailed and multi-faceted analyses into the current conditions of the Grapevine Parks and Recreation Department facilities and infrastructure, the demographics and trends relevant to the residents of the area, substantial public input and meetings, and additional need analyses. This process has yielded defensible recommendations for capital projects that can maintain and enhance the current quality of facilities and services available to residents of the City of Grapevine, as well as work to better meet the needs of visitors to the community.

It is possible under current conditions that all recommended capital projects in this master plan can be completed in the next 10 years. Economic and political conditions may change, however, which could cause projects to be postponed or rethought. Overall, this *Capital Improvement Plan* can be utilized as a guideline for future improvements and development with flexibility to be altered and updated as needed.

CAPITAL PROJECT PRIORITY ASSIGNMENT

Recommending priorities for capital projects over the next 10 years is a challenge due to all the factors that influence how a project can go from a recommendation to a reality. The suggested prioritization of these capital projects was developed based upon a number of dynamic factors including, but not limited to:

1. Potential capital costs of the project
2. Potential operating costs of the facility or asset once completed
3. Current financial capacity of the City of Grapevine
4. Potential financial capacity available through grants, partnerships, and regional coordination
5. Current political and economic conditions of the local area

Previous sections of this master plan address specific funding and finance alternatives that can support these projects during both the development and operational phases. The final section of this master plan will organize these projects by their recommended priority status as a suggested action plan over the next decade.

CAPITAL IMPROVEMENT PRINCIPLES

Development principles for parks and recereation include those that support the programming, planning, and design of facilities and assets to meet the needs of residents of the service area(s) and classifications within the overall parks and recreation system. The design of sites and facilities should be driven to create an enriched visitor experience including ease and diversity of use. This pertains to the ingress and egress as well as the circulation once the destination has been reached and participation has commenced. Three principles associated with the visitor experience can be summarized as follows:

- Sense of Arrival
  - Highway / Street Signage
  - Entrance(s)
  - Landscaping
  - View and Aesthetics

- Aesthetic and Functional Signage
    - Directional
    - Safety and Management
- Architecture and Use
    - Design with Natural Surroundings
    - Customer Flow
    - Mixed Use
    - Generates Satisfaction and Revenue

Most activities associated with parks and recreation is designed around a desired length of experience. A blend of passive and active recreational opportunities extends the length of experience and increases the frequency of participation. This offering necessitates that the core resources and attractions be in sync with the demand of the market. Among the most popular recreational opportunities pursued by the American public since 1990 that are relevant to Grapevine Parks and Recreation Department are:

- Socializing with family and friends
- Interpretive gardens
- Multi-use trails (recreational and interpretive)
- Ramadas and picnic areas
- Visual and performing arts
- Play areas

The prioritized capital recommendations were developed and outlined in the Needs Analysis section of this master plan update. These recommendations have been formulated to meet the above-stated criteria and desired outcomes, and are intended to expand upon the existing successful programs and services provided by the Department. These recommendations have been compiled into a sequencing matrix on page 68 of this report.

Signature Capital Projects

While numerous capital projects recommended in this master plan update, there are five signature capital projects suggested by the Consultant Team for the City of Grapevine over the next 10 years. These are large-scale projects that have tremendous potential to significantly increase the recreational opportunities for residents, as well as representing substantial tourism and economic development benefits to the community. These projects have already been identified earlier in the report.

EXPANSION OF THE COMMUNITY ACTIVITIES CENTER

The needs and demands of residents have outpaced the current facilities of the Community Activities Center. This facility should be expanded and enhanced with the following:

Indoor aquatics center

- Develop indoor aquatic amenities to include lap pool fitness, therapeutic pool for lessons and rehab programs, in-water play features with zero depth entry, deep water space for more open swim and learn to swim activities
- Develop additional multi-purpose programming space to relieve pressure on the existing gymnasiums
- Expand the fitness area and weight room to accommodate more fitness machines and a separate area for free weights
- Expand the locker rooms and changing areas

- Develop covered and lighted basketball and sand volleyball courts outside, but adjacent to the main building
- Expand/reconfigure parking area servicing the facility
- Consider development of teen area within the CAC that includes games, meeting space, TV lounge, and gathering areas.
- Consider a multi-generational facility in the expansion.

Fitness area

Lobby / gathering area

SPECIAL EVENTS PARK

It is recommended to develop a 50-70 acre special events park near the Community Activities Center that would incorporate multiple amenities to further energize the central area of the community. This site and its facilities could become a focal point of special events, concerts and other outdoor performances, and a highly valued area of gathering and socializing with friends and family. The following amenities are recommended:

- Large amphitheater / outdoor performance venue
- Restrooms / concession building
- Loop trail
- Playground
- Sprayground/sprayscape
- Parking area
- Open space / play area

Outdoor amphitheater

COMMUNITY CONNECTIVITY

Grapevine is a community that is well poised to significantly improve the internal connectivity provided by paved commuter trails. It is recommended that the community adopt a priority to develop trails that connect parks, enhance recreation opportunities, and improve non-motorized transportation throughout the city. The following specific projects are provided:

- Trail along Northwest Highway and loop trail around center portion of the City
- Safe Routes to Schools trails including a trail across Big Bear Creek on Heritage Avenue
- Trail along FM 2499 from Grapevine city limits to Grapevine Mills Circle
- Cultural Trail within the community that integrates public art into the trail
- Expansion of trail system at Oak Grove Park closer to the shore

Paved commuter trail

Cultural trail

Cultural trail

WALL-FARRAR NATURE CENTER

This recommendation is mentioned previously under Wall-Farrar Park, but is more thoroughly described as a new development with the following amenities:

- Nature center building
  - "Green" design/LEED design qualities
  - Serviced by renewable energy
  - Utilizes rainwater harvesting for irrigation of landscaping at the center
  - Features interpretive exhibits
  - Administration and storage space
  - Meeting room

Nature center exhibits

- Trails
  - Interpretive trails with wildlife viewing areas
- Demonstration areas
  - Renewable energy
  - Composting
  - Rainwater harvesting

Nature center programs and viewing area

EXPANSION OF THE SENIOR ACTIVITIES CENTER

The Senior Activities Center (SAC) is a highly regarded facility in Grapevine renowned for extraordinary service in the community. The facility is undersized given its current and future demand. The recommendations below are targeted at expansion of this facility.

- Possibly consider a multi-generational facility
- Expand the food service kitchen and large dining area
- Develop additional multi-purpose classroom space
- Expand the arts and crafts area
- Expand the lobby and administrative area

Example Senior Activities Center

Example Senior Activities Center

COMPLETE THE DEVELOPMENT OF ROCKLEDGE PARK

Rockledge Park features numerous opportunities to become both a highly valued recreational asset, as well as a potential source of sizeable revenue generation with the appropriate level of development. The recommended developments and improvements at Rockledge Park include the following:

- Develop a master plan for the park
- Standardize park signage
- Enhance entrance to park so use of traffic cones and highway barrier is not required
- Develop park entry station / store
- Add storage area for park host site
- Add trailhead signage in the park
- Develop overflow parking area
- Replace restrooms in the park
- Explore potential for extending City water and sewer infrastructure to the park site
- Maintain as a day use area and consider an outdoor adventure venue via the RFP process

Program / Service Action	Description	Linkage to Department Core Services	Recommended Priority	Recommended Scheduling
Partnership Program	Develop a formalized Partnership Program to engage alternative providers in the community as a network of recreational opportunities in the City of Grapevine. This should also include the engagement of a fund development partner as recommended.	• Care of Infrastructure • Health and Prevention • Safety	**Primary**	April 2011 – ongoing
"Adopt-a-Park" Program	Partnership program that engages individuals, groups, neighborhoods, and/or associations in assisting the City of Grapevine by providing an agreed amount of volunteer labor and in-kind support for the maintenance of the site, facilities, and security at parks.	• Care of Infrastructure • Health and Prevention • Safety	**Primary**	April 2011 – ongoing
Park Operations and Sustainability Task Force	Appointed task force of 10 to 12 persons comprising of Department staff, staff from other City departments, and possibly members of the community to review operational efficiencies and sustainability measures of the Department including, but not limited to maintenance efficiencies, sustainability practices (environmental and operational), trail and site maintenance standards, site security issues, and modified landscaping design options.	• Care of Infrastructure • Safety	**Primary**	April 2011 – December 2011
Healthy Lifestyle Programs	Programs and services that improve the health and lifestyles of residents through passive and active recreation opportunities. All ages groups should have a minimum of 10 program options annually that address healthy lifestyle needs and choices.	• Health and Prevention • Community Heritage and Preservation	**Primary**	April 2011 – ongoing
Quality, Accessible Youth Programs	Programs and services that target youth from 2 to 17 years that promote healthy lifestyles, safe decision making, and encourage responsible choices and habits. Programs are accessible by distribution throughout the city, cost, and inclusion of youth with special needs.	• Health and Prevention • Safety • Community Heritage and Preservation	**Primary**	April 2011 – ongoing
Quality, Diverse Programs for Adults	Programs and services for adults from 18 to 80+ years that promote healthy lifestyles and improve the engagement of adults in the city. Programs are diverse and accessible by distribution throughout the city, cost, and inclusion of adults with special needs.	• Health and Prevention • Safety • Community Heritage and Preservation	**Primary**	April 2011 – ongoing
Quality, Diverse Programs for People with Special Needs	Programs and services for youth and adults that promote healthy lifestyles, reflect the cultural and natural significance of the city, and are diverse and accessible by people with special needs.	• Health and Prevention • Safety • Community Heritage and Preservation	**Primary**	April 2011 – ongoing
Safety-focus Programs	Programs and services that promote safe infrastructure, facilities, and amenities at parks and recreation facilities should continue and be enhanced to address maintenance priorities. Programs and services should be designed and delivered to engage residents in promoting safe neighborhoods in the city.	• Care of Infrastructure • Health and Prevention • Safety •	**Primary**	April 2011 – ongoing
Community Communications	Maintain consistent feedback and input opportunities with the public via online surveys, community outreach activities, customer feedback forms, occasional and ongoing focus groups, and both formal and informal surveys. The intent of ongoing public input is to enhance community relationships, stay in touch with community needs and interests, and to continually improve the quality and diversity of programs and services available.	• Care of Infrastructure • Health and Prevention • Safety • Community Heritage and Preservation	**Primary**	April 2011 – ongoing
Natural and Cultural Resource Programs	Programs and services that celebrate the significance of natural and cultural resources of the city should be designed and delivered in a consistent manner in not only routine programs, but also in special events.	• Community Heritage and Preservation	**Primary**	January 2014 – ongoing
Family Programs	Programs and services are designed and delivered under quality standards, promote healthy lifestyles, reflect the cultural and natural significance of the city, and improve the participation of families in programs in the city.	• Health and Prevention • Safety • Community Heritage and Preservation	**Moderate**	January 2014 – ongoing
Traditional and Non-traditional Sports	Develop programs and services that maintain an appropriate balance of traditional (athletics, team sports, fitness, etc.) and non-traditional (BMX, skateboarding, rock climbing, etc.) sports and activities that are representative of community interests and predominant demands	• Health and Prevention • Safety	**Moderate**	January 2014 – ongoing

Capital Project	Preliminary and Recommended Scope	Potential Capital Cost*	Potential Operational Budget Impact	Priority Assignment	Recommended Timeline
Expansion of the Community Activities Center	Expansion of the facility to include indoor aquatic facilities, additional multipurpose rooms, expanded fitness area and weight room, expanded locker rooms and changing areas, additional outdoor sport court facilities.	$10,000,000 - $15,000,000	Addition of $100,000 - $250,000 annual maintenance costs (includes labor) offset by substantial potential revenue.	**Near Term**	2011 - 2014
Develop multi-use trails to enhance connectivity	Develop additional improved surface, multi-use trails to connect parks and to improve overall connectivity within the community. An additional 11.08 miles of natural surface trails and 12.61 miles of improved surface trails are projected to be needed by 2021 in the level of service analysis.	$1,750,000 – $5,000,000	Additional $5,000 - $10,000 annual costs for maintenance of enhanced amenities	**Near Term**	2011 - 2014
Expansion of Senior Activities Center	Expansion of the facility to include additional kitchen and dining area space, additional multi-purpose classrooms, expanded arts & crafts area, and expanded administration/lobby area.	$1,500,000 - $5,500,000	Additional $10,000 - $15,000 annual costs for maintenance of enhanced amenities	**Near Term**	2011 - 2014
Improve existing and build new restrooms in parks	Redevelopment of existing restrooms needing major repair or replacement, and construction of new restrooms where needed.	$750,000 – 3,500,000	Varies on level of improvement; overall cost avoidance should be obtained from improving aged and deteriorated facilities	**Near Term**	2011 - 2014
Develop Wall-Farrar Nature Center	Develop a nature center that includes exhibits, demonstration areas, trails, and additional support facilities.	$1,750,000 - $4,500,000	Addition of $100,000 - $250,000 annual maintenance costs (includes labor) offset by substantial potential revenue.	**Near Term**	2011 - 2014
Develop additional multipurpose athletic fields as needed	These facilities can be either City of Grapevine fields, or those of partnered facilities / organizations. It is projected that an additional three (2) diamond ball fields and three (3) rectangle sports fields will be needed by 2020 as identified in the level of service analysis.	$1,500,000 - $5,000,000	Additional $25,000 - $100,000 annual maintenance costs (includes labor) offset by substantial potential revenue.	**Near Term**	2011 – 2020
Improve existing and develop new playgrounds	Improvements and modernization of some current playgrounds are needed. An additional three (3) playgrounds are projected to be needed by 2020 in areas of need as identified in the level of service analysis.	$1,250,000 - $2,500,000	Varies on level of improvement; overall cost avoidance should be obtained from improving aged and deteriorated facilities	**Long Term**	2011 – 2020
Improve existing and develop new picnic areas and shelters / pavilions	Improvements and modernization of some current picnic areas and some existing shelters are needed. An additional five(5) picnic areas, large , and five (5) large pavilions are projected to be needed by 2020 in areas of need as identified in the level of service analysis.	$5,500,000 - $7,500,000	Addition of $50,000 - $75,000 annual maintenance costs (includes labor) offset by substantial potential revenue.	**Long Term**	2011 – 2020
Develop special events park near Community Activities Center	Develop a 50-70 acre special events park that includes outdoor amphitheater and performance venue, restrooms and concession facility, trails, playground, and other potential support amenities.	$10,000,000 - $15,000,000	Addition of $150,000 - $350,000 annual maintenance costs (includes labor) offset by substantial potential revenue.	**Long Term**	2014 – 2017
Improve parking lots	Existing parking lot improvements are needed as a result of increased and heavy usage.	$5,000,000 - $7,500,000	Varies on level of improvement; overall cost avoidance should be obtained from improving aged and deteriorated facilities	**Long Term**	2011 – 2020

***NOTE:** Potential cost is an estimate only and will be dependent on the amenities approved by the City Council for each capital project.

Appendix A – Site and Facility Assessments

A park and facility tour was performed to confirm and modify assets and amenities, as well as perform a Supply Analysis to identify existing and potential parks and recreation resources and facilities provided across the community. The on-site assessment provided PROS the opportunity to gain an understanding of the system from the customer's point of view. During this tour, general observation of park and recreation facilities included:

- General state and condition of parks
- Compatibility and connectivity with neighborhoods as well as general access
- Compatibility of amenities offered through the City
- Aesthetics/Design
- Safety/security
- Program capacity and compatibility with users
- Partnership and revenue generation opportunities

A summary of general observations from the park and facility assessment follows.

- The Grapevine Parks and Recreation Department offers many high quality assets representative of the "Grapevine" distinction; attention to detail in the design and aesthetics of park assets and amenities elevates the brand
- As the City nears projected build-out, most neighborhood and community park sites, assets, and amenities should have reached the maximization of usage
- Aggressive routine and preventative maintenance schedules and replacement schedules have replenished park stock on a regular basis
- Infusion of non-traditional play-structures including climbing and balance apparatus enhance youth health and fitness; continuation of design standard at regularly scheduled replacement intervals will ensure that the Grapevine youth have exceptional recreational experiences that also increase fitness levels
- Park sites, assets, and amenities are generally compatible with the neighborhoods and community; larger parks and many of the lake parks lack circulatory ease for patrons
- Lake parks offering is diverse, however, expanse of acreage available presents an abundance of development opportunities at many of the park sites
- System wide usage of park signage is random; even when like base designs are utilized (rock signage) no standardization of signage dimensions or lettering size/coverage appears to exist; for brand identity, one standard sign design should be adopted; ability to brand lake parks separately from all other parks does exist, but brand synergy should be strong
- Explore conversion of gravel roadside parking sites within the lake parks system to permanent parking areas (i.e. hard surface, curb and gutter, etc.) and/or development additional permanent parking lots nearby to increase accessibility to park sites
- Abundance of system wide use of pipe railing dates the park system and fails to uphold image and value associated with the park system; all non-lake park sites should have all pipe fencing removed and replaced with an accepted standard

- Departmental fund allocations should be tracked and reported to understand full cost of providing services across the spectrum of the system
- Department needs to leverage the Keep Grapevine Beautiful volunteer support to fullest extent; creation of a comprehensive volunteer plan is needed
- Partnerships need to be defined via contractual agreement; prior to renewal, all partnerships should be reviewed for equity
    - As the City reaches build-out and the tax base matures, future tax-based revenues will conceivably stagnate if rates are not increased; due to this, all allocations of programs and services will need to be classified to determine what is essential
- Park system is lacking permanent restrooms at the majority of sites; additional water fountains should be installed at heavy use sites
- The Department should continue replacing play equipment, picnic tables, benches, trash enclosures, and water fountains as part of the annual capital improvement program

Austin Oaks Park – 528 Austin Creek Drive

- Classification – Neighborhood Park
- Size – 1.25 Acres
- Assets/Amenities – Amenities in the park include a play structure, basketball court, walkways, benches and picnic tables

Banyan Park – 350 Banyan Drive

- Classification – Neighborhood Park
- Size – 1.77 Acres
- Assets/Amenities – Amenities in the park include play equipment, picnic tables, walkways and benches

Bear Creek Park – 3230 South State Highway 360

- Classification – Community Park
- Size – 54.63 Acres
- Assets/Amenities – Two playground structures, numerous picnic facilities, pavilion with capacity of 40 persons, irrigation, a 1-mile hike/bike trail referred to as the "Deborah Joan Swanson Trail", a creek overlook, 18 hole disc golf course, interpretation stations, and two multipurpose fields
- Park Observation:
    - 15-years old
    - Great example of new standard of trail signage/marking
    - Connection to trail
    - Park development has occurred in phases; the park as a whole has never been finished
    - Dumping is an issue at the park due to the lack of visibility from main thoroughfares and numerous secluded areas

- Diamond sports fields appear to be of high quality; feature spectator seating; no lights; fields need outdoor fencing
- Park floods due to close proximity to Bear Creek; diamond sports fields damaged during most recent flood in September 2010; infield aggregate mix on both sports fields required complete replacement
- Sports field user groups have requested lighting of ballfields
- New play structure and pavilion provide; prudent procurement practices resulted in playground structure at half cost
- A disc golf association has adopted the disc golf course to alleviate concerns of the surrounding neighborhood and to communicate with the neighborhood and to assist with maintenance of the course
- Site features new standard of trash receptacle (Doty & Sons)

Big Bear Creek Nature Preserve – 3300 W.D. Tate Avenue

- Classification – Community Park
- Size – 38.75 Acres
- Assets/Amenities – Park contains an eight-foot wide hike and bike trail with interpretation stations, benches and tree identification signs

Bellaire Park – 1004 Pine Street

- Classification – Neighborhood Park
- Size – 0.33 Acres

Botanical Gardens and Bessie Mitchell Meeting Facility – 411 Ball Street

- Classification – Special Use Park / Special Use Facility
- Size – 5.86 acres
- Assets/Amenities – Phase I included a loop walk, benches annual color planting areas, and the Great Lawn; Phase II was built in a natural bowl area behind the Bessie Mitchell Meeting Facility featuring a loop walkway that connects to the Phase I walkway, a garden court, performance stage, amphitheater seating, a gazebo, perennial beds, over 250 different species of plants, and an 8,500 gallon water garden complete with two bridges, waterfall, aquatic plants, koi, and goldfish and a 1,000-gallon pond; the third phase includes a central water feature in the great lawn, perimeter fencing, development of the east side of the property and an outdoor educational pavilion
- Park Observation:
  - Bessie Mitchell Meeting Facility has shared restrooms with Botanical Gardens; facility has capacity of 60 people
  - Botanical Gardens are an excellent example of quality integrated into environmental education
  - Excellent usage of signage and informational “kiosks”
  - Pavilion is of exceptional aesthetics and finish out

- One staff person is allocated to the Botanical Garden
- Garden has issues with professional photographs; difficult to distinguish between professional and family photographs; Gardens has implemented a policy that requires any activity with 5 or more persons to reserve a time
- Gardens do not charge for admission, concerts, or other events

C.J. Hutchins Park – 1201 Cable Creek Drive

- Classification – Neighborhood Park
- Size – 0.68 Acres
- Assets/Amenities – Park contains playground equipment, picnic facilities and walkways
- Park Observation:
  - Park is bordered on three sides by streets
  - Playground was replaced in 2010; great addition of youth health/fitness enhancing play structure and tot/infant structure
  - Park is across the street from an elementary school; receives heavy usage after school hours

Cluck Park – 312 Central Drive

- Classification – Neighborhood Park
- Size – 0.73 Acres
- Assets/Amenities – Park contains a lighted basketball court, playground equipment, walkways and picnic facilities
- Park Observation:
  - Neighborhood is in transition; playground appears to get little use

Community Activities Center and Open Space – 1175 Municipal Way

- Classification – Special Use Facility / Special Use Park
- Size – 4.0 Acres; 48,000 Square Feet Recreation Center
- Assets/Amenities – The Community Activities Center contains two gymnasiums, a 1/8 mile walk/jog track, two racquetball courts, an exercise area, 7 classrooms, a game room, locker rooms; offices for the Recreation Division are housed at the CAC, free Wi-Fi offered
- Park Observation:
  - Room 104 is utilized as drop-in child care; would like to enhance offering by including indoor/outdoor play area
  - Game Room vending has abundance of sugary drinks and junk-food snacks
  - Staff area has become extremely cramped as recreation program has grown
  - CAC currently has 8-12% online registration; would like to reach goal of 30-40%
  - Concessions revenues amount to approximately $10K; COGS equate to approximately $5K

- CAC lobby/common area recently transitioned from wooden bench seating to lounge-style seating areas
- Fitness room is small and inadequate to meet the demand; facility and equipment appears to be in good condition
- Room 103 operates as a meeting room; hosts some camp activities
- Room 101 is heavily used; only room of this kind in the CAC
- Two gymnasiums; North Gym has a center-court curtain for more defined side court playability
- Mezzanine is heavily used for senior programs, Karate, spill-over fitness room activities such as stretching, etc.; stairs leading to/from fitness room area are not functional
- Rooms 205/206/207 are cramped
- All non-CAC rentals are administered out of Administrative Offices located on the second floor; all CAC rentals/reservations are administered in the downstairs office area
- Special use park includes in-line hockey rink and open space for soccer

Dove Crossing Park – 1701 Stoneway Drive

- Classification – Neighborhood Park
- Size – 0.30 Acres
- Assets/Amenities – Park contains playground equipment, walkways and picnic facilities
- Park Observation:
  - Corner lot park; streets run along two boundaries
  - Playground and swing set

Dove Park & Pool – 1509 Hood Lane

- Classification – Community Park; Aquatics Facility
- Size – 8.61 Acres
- Assets/Amenities – Park contains a swimming pool, six lighted tennis courts, two lighted basketball courts, two large playground areas (Casey's Clubhouse), a lighted sand volleyball court, two pavilions with capacities of 50 people per, an in-line skating rink, a .45 mile hike and bike trail and picnic facilities
- Park Observation:
  - Park is currently in the process of a redevelopment concept plan in which most structures will be replaced/renovated with a universally accessible playground
  - Park sign is of total different design standard than any other in park system
  - Located adjacent to an elementary school site
  - Only universally accessible playground in system; currently in process of redevelopment
  - Loop trail around park provides good circulation
  - Parking is limited; prior to addition of assets/amenities, parking should be expanded

- Dove Pool is same basic design (flat pool) as other City pool
  - Pool is in need of renovation/overhaul to increase desirability and usage

Faith Christian Park – 730 East Worth Street

- Classification – Neighborhood Park
- Size – 1.25 acres
- Assets/Amenities – Playground and open space
- Park Observation:
  - Park land is owned by Faith Christian School
  - Site used as neighborhood park

Glade Crossing Park – 512 Westbury Drive

- Classification – Neighborhood Park
- Size – 0.85 Acres
- Assets/Amenities – Park contains playground equipment, picnic facilities, walkways, wrought iron fencing with stone pillars, decorative stone benches, a memorial marker, and irrigation
- Park Observation:
  - Located in a Trammell Crowe Development
  - No park signage
  - Mature trees; good canopy provides for an abundance of shade, but hinders grass growth/coverage
  - Recommendations/Actions:
    - Add park signage

Glade Landing Park – 5201 Brettenmeadow Drive

- Classification – Neighborhood Park
- Size – 0.95 Acres
- Assets/Amenities – Park contains playground equipment, walkways and picnic facilities
- Park Observation:
  - Playground replaced in 2011

Hazy Meadows Park – 4300 Hazy Meadows Drive

- Classification – Neighborhood Park
- Size – 2.5 Acres
- Assets/Amenities – Amenities in this park include play equipment, picnic facilities, walkways and an open field play area
- Park Observation:
  - Park is a connector/easement to Bear Creek Trail; trailhead/access point

- Trailhead is not clearly defined; this is a common issue with trailheads in the southern portion of the system
- Park entrance and boundary is located adjacent to private residence
- Trail extension leads to Pool

Heritage Park – 201 Ball Street

- Classification – Community Park
- Size – 8.28 Acres (including Botanical Gardens)
- Assets/Amenities – Park contains two-lighted tennis courts, a lighted basketball court, walkways, playground equipment, picnic facilities and the Bessie Mitchell Meeting Facility and is now the site of Grapevine's Botanical Garden
- Park Observation:
  - Located adjacent to the Botanical Gardens
  - Creek poses a safety threat along eastern boundary
  - Experience heavy use of basketball and tennis courts
  - Excellent addition of health and fitness component to playground structure

Highpoint Park – 4121 Freeport Parkway

- Classification – Community Park
- Size – 65.5 Acres
- Assets/Amenities – Undeveloped
- Park Observation:
  - Utility corridor
  - Site is surrounded by warehouses

Horseshoe Trails Park – 2099 Hood Lane

- Classification – Regional Park
- Size – 293 Acres
- Assets/Amenities – The C. Shane Wilbanks Trail is located in this lease area

Katie's Woods – 1700 Katie's Woods Loop

- Classification – Open Space Park
- Size – 56 acres
- Assets/Amenities – Boat ramp and picnic areas
- Park Observation:
  - Free day-use park; boat launch does require a fee
  - Popular boat launch
  - Park experiences high level of use; adjacent neighborhood is critical of high use and associated traffic

Lakeview Park – 3850 Lakeview Drive

- Classification – Open Space Park
- Size – 147.0 Acres
- Assets/Amenities – Park contains two fee-based boat ramps, picnic facilities, playgrounds, and restrooms
- Park Observation:
    - Only park that is closed every night via gate
    - Blank slate of a park; limited development includes a playground, restrooms, and boat ramps

Liberty Park – 215 South Main Street

- Classification – Special Use Park
- Size – 0.44 Acres
- Assets/Amenities – Park contains the historical Torian Cabin, public art, extensive landscaping and is the site of the Wallis Building as well as the current home (circa 2010) of the Convention & Visitors Bureau

Meadowmere Park – 3000 Meadowmere Lane

- Classification – Regional Park
- Size – 268.0 Acres
- Assets/Amenities – Park currently has soccer fields, a beach and picnic stations, one boat ramp and a restroom facility; the City Council approved a concept plan of the entire park in 1998 that includes an athletic complex for soccer, football and baseball fields, a concession/restroom facilities, an outdoor amphitheater, fishing/sailing pier, 18 hole disc golf course, landscaping and hike/bike trails
- Park Observation:
    - Park contains two of the four lighted multipurpose fields in the system
    - Department is exploring developing RV camping and expanding tent camping at the site
    - Park has two hosts to open/close gate (currently a day use site)
    - Heavily used park in summer
    - Park has an abundance of under-utilized areas; high potential for development
    - Cross country track is located in the ESA areas of the park
    - No circulatory paths at soccer fields; parking at soccer fields is not paved

Merlot Room – 4500 Merlot Avenue

- Classification – Special Use Facility
- Size – 0.5 acres
- Assets/Amenities – Neighborhood center featuring one large meeting room with a capacity of 60 people and restrooms
- Park Observation:
    - Meeting facility located adjacent to a Fire Station #4
    - Recent renovation has resulted in hardwood flooring and window treatments

Oak Grove Park – 2520 Oak Grove Loop South

- Classification – Regional Park
- Size – 228.0 Acres
- Assets/Amenities – Park contains three lighted regulation softball fields, nine regulation soccer fields (two lighted), nine lighted regulation baseball fields, picnic areas, four concession stands/restrooms, playground equipment, and a large pavilion with a capacity of 260 people; the C. Shane Wilbanks Trail begins in this park and runs west for 3 miles
- Park Observation:
    - Main signage to park (red with stainless lettering) is extremely cluttered and difficult to read; does not conform to any other signage standard in the system
    - Park experiences heavy use
    - Bicycle and vehicular traffic issues arise from bicyclist not wanting to use the trail to ride
    - Informal parking along roadside persist; image of roadside parking does not fit the overall image of the system or that of “Grapevine”
    - Scott’s Landing Boat Ramp is one of the city’s least used boat ramps
    - McPherson Slough has experienced issues relating to loitering; limited development/offering at park site
    - Marina maintenance yard is an eyesore along the main entry to the top-tier Ballfield Complex; trailer overflow and boat storage yard is hideous and in direct contradiction to the design and finish of the complex located adjacent
    - Playgrounds throughout park have recently been replaced; excellent examples of youth health and fitness
    - Trawick Pavilion is located in this park and is the most heavily used pavilion in the system
    - Baseball Complex is excellent example of the image Grapevine wishes to project
        - Epoxy coating on restroom floors and walls needs to be a design standard throughout the system
        - Youth association operates the concession stand
        - Sports field quality, player areas, spectator areas, and added finishing touches of complex distinguish this as a premier sports complex destination

        - Image of complex is first class; rarely duplicated from a national/regional/local perspective
    - Two of the seven fields at the Soccer Complex are lighted
        - Limited access to the soccer fields; no sidewalks
        - Parking lot at the northeast corner is in need of paving; should be of similar quality as parking area located west of soccer fields
        - Youth association has requested lighting of additional fields
    - Softball complex is an older facility
        - Plans call for conversion to wagon wheel with the fourth field occupying the current location of the parking lot
        - Support assets/amenities are in need of renovation/replacement
        - Street side parking near southwest area of softball complex hinders maintenance access to complex as well as creates safety issues; image of impromptu parking is not in line with the "Grapevine way"
        - Logos of Departmental programs shown at the Softball Complex concessions building dilutes the Grapevine brand; multiple logos all unique and not tied in to the overarching brand of Grapevine Parks is detrimental to program growth

Oak Ridge Park – 2590 Juniper Lane

- Classification – Neighborhood Park
- Size – 0.81 Acres
- Assets/Amenities – Play equipment, picnic facilities, benches and walkways
- Park Observation:
    - Inherited adjacent greenbelt maintenance with park dedication
    - Due to terraced design, playground area washes frequently

Parkwood Park – 1901 Woodcreek Drive

- Classification – Neighborhood Park
- Size – 0.88 Acres
- Assets/Amenities – This park contains playground equipment, picnic facilities, and walkways
- Park Observation:
    - No signage present
    - Approximately 3/4 of site is wooded
    - Located adjacent to an multi-family development
    - Playground structure was replaced in 2009

PARR PARK – 3010 PARR LANE

- Classification – Community Park
- Size – 31.51 Acres
- Assets/Amenities – Park contains two regulation baseball fields, two regulation football/soccer fields, play equipment, a large pavilion, a shade structure, picnic facilities, exercise stations, and a two-mile jogging trail (including the Big Bear creek Nature Preserve trails); two 48-space concrete parking lots, a restroom, a sand volleyball court and a bridge crossing Big Bear Creek and connecting the Bear Creek trail have been added to this park
- Park Observation:
    - Park signage is blocked by overgrown vegetation (on date of assessment; October 14, 2010)
    - Connects to Bear Creek Trail
    - Park has entrance appears to be incomplete; unfinished; Parr Lane leads to an asphalt drive
    - Park has tendency to flood due to close proximity to Bear Creek; are under pecan trees holds water; extensive drainage projects have been conducted in September and October (2010) to mitigate flooding issues
    - Restroom facility has the perception of "being dirty"; this is attributable to the stainless fixtures and color of the concrete block used in the construction; based on observation, restroom facility is clean and free of all unpleasant odor; Department regularly power washes the structure
    - Pavilion is in the process of being renovated; renovation will be in same vein as bathroom facility to create park synergy; will include electrical/lights/plugs
        - Facility experiences high number of rentals on the weekends
    - Three separate play structures; all receive high usage; poured-in-place surfaces for infant and toddler structures and Fibar surface for 6-12 structure; 6- to 12-year play structure is an excellent example of the shift in play-structures the Department has been implementing; integration of climbing/balance/hand-eye coordination/etc. in play-structure provides for excellent health and fitness benefits
    - Two multipurpose fields and two diamond fields; no lights
    - One sand volleyball court
    - Three loop trails within the park allow for site specific fitness; connection to Bear Creek Trail allows for regional fitness/circulation
    - Park is adjacent to the Carriage Glen Ditch #2 detention area; no use occurs in this space
    - Carriage Glen neighborhood has requested a bridge to connect to the Bear Creek Trail at the northern boundary of the neighborhood (over Carriage Glen Drainage Ditch #1); would provide access to Parr Park via the Bear Creek Trail

Pecan Park – 4200 Hallmont Drive

- Classification – Neighborhood Park
- Size – 0.88 Acres
- Assets/Amenities – Park includes playground equipment, walkways, picnic facilities and a basketball court
- Park Observation:
    - Disc golf basket prominently located in park does not fit the image of the park
    - Park entrance off of Summerfield Drive does not meet ADA standards

Pickering Park – 1901 North Kimball Road

- Classification – Community Park
- Size – 6.5 Acres
- Assets/Amenities – Park contains playground equipment, picnic facilities, a small picnic pavilion with capacity of 80 people, walkways and a practice baseball field
- Park Observation:
    - Playground was installed in 2008; last playground of traditional post and platform construction
    - Recently begun to rent out pavilion

Pleasant Glade Pool – 1805 Hall-Johnson Road

- Classification – Special Use Park
- Size – 3.0 Acres
- Assets/Amenities – Pool features a children's pool with water features, 8 lanes of swimming in the 25-meter pool, shade covered areas, picnic tables and a vending area; parking for the pool is provided through an agreement with GCISD; park also serves as a trailhead in the south Grapevine hike and bike trail system
- Park Observation:
    - No clear/distinct entrance to pool; if attendee is not familiar with the facility it is difficult to find/navigate parking and facility entrance
    - Some customers believe that the maintenance entrance to the pool pump-house is the main entrance
    - Joint use of school parking lot for all pool patron parking; parking lot is located behind the school with no direct entry off of main thoroughfare
    - Open air designed bathhouse had to be covered with a sunshade due to privacy concerns

Rockledge Park – 3800 Pilot Point

- Classification – Regional Park
- Size – 86.3 Acres
- Assets/Amenities – Day use park contains a large pavilion with capacity of 260 people, picnic areas, and trail head
- Park Observation:
    - Image of park is not that of Grapevine; in need to a facelift
    - Extensive use of highway cones, placement of highway barrier, and random product advertisement “sandwich signs” at park entrance give a “cheap” feel to the park prior to initiation of experience
    - Park checkpoint/store structure is rented
    - Trailhead located at back of park site is only evident to frequent park users
    - Big events utilize the lower area/spillway area as overflow parking; potential to develop this area for added day-use value of park site, however, structure cannot be permanent due to flood zone

Senior Activities Center – 421 South Church Street

- Classification – Special Use Facility
- Size – 1.0 Acre; 11,350 Square Feet
- Assets/Amenities – Existing site contains a parking lot, and additional parking spaces are included in the 1990 expansion plan; future plans call for a "Senior Park" and court yard to be developed
- Park Observation:
    - Conference room is underutilized
    - Computer lab is heavily used; majority of classes offered reach capacity
    - Class programs and associated materials are free of charge; individual use of materials requires a fee
    - Senior meal program is provided through Senior Citizen Services of Greater Tarrant County, Inc.
        - Meals are free of charge, although payment is appreciated
        - Persons aged 54-59 years are charged $6.00 per meal
        - Senior meals are sign-in based; two week period available for sign in
    - Transportation for Grapevine seniors is provided free of charge; sign-in or call-in based
    - Senior Sneakers is a big program; standard calls for 4” between chairs, however, due to popularity and space limitations, can only provide 2” spacing
    - Limited use of reservation system (RecTrac)
    - Department rents to SAC to the adjacent church on Sunday mornings

Shadow Glen Park – 1815 Altacrest Drive

- Classification – Neighborhood Park
- Size – 2.33 Acres
- Assets/Amenities – Park contains play equipment, walkways, and picnic facilities
- Park Observation:
    - Approximately half of the property is heavily wooded
    - Drainage ditch running across the back of the park is considered an inconvenience and safety issue by the adjacent neighbors; complaints indicate each neighbor would like a personal bridge built directly behind property line

Sunshine Harbor Park – 821 Dawn Lane

- Classification – Neighborhood Park
- Size – 0.34 Acres
- Assets/Amenities – Park contains a play structure, walkways, basketball goal and picnic tables

Town Square – 325 South Main Street

- Classification – Special Use Park
- Size – 0.25 Acres
- Assets/Amenities – Park contains a gazebo, farmers market, decorative streetlights, decorative benches and a pavestone sidewalk

The Vineyards Campground & Cabins – 1501 North Dooley Street

- Classification – Regional Park
- Size – 73 acres
- Assets/Amenities – RV campgrounds with hookups, cabins, camp store, pavilion with capacity of 60 people, playground, swimming beach, restrooms, and laundry
- Park Observation:
    - Park added seven new cabins and a camp store in October 2010
    - RV sites and cabins are exceptional and offer a great experience
    - Walkway to playground has been damaged with installment of irrigation system
    - Play area surface has weed/grass encroachment
    - Main restrooms concrete blocks were not sealed correctly; calcium deposits make the shower stalls/walls appear dirty

Wall-Farrar Park – 3300 W.D. Tate Avenue

- Classification – Community Park
- Size – 29.56 Acres
- Assets/Amenities – N/A
- Park Observation:
    - Heavily wooded park
    - Site has been considered for a nature center
    - Adjacent to church; original trail easement was through church property

Yorkshire Meadows Park – 2710 Whitby Lane

- Classification – Neighborhood Park
- Size – 0.75 Acres
- Assets/Amenities – Park contains playground equipment, picnic facilities, walkways and a volleyball court
- Park Observation:
    - Small corner-lot park
    - Neighborhood in transition; playground appears to have little use
    - Drainage issue in back corner of parcel has resulted in adjacent neighbor (western property owner) adding makeshift berm which has amplified the issue

911 Memorial Plaza – 2 Texan trail

- Classification – Special Use Park
- Size – 0.25 Acres
- Dedicated on July 4, 2008

Appendix B – Complete History by Park

Acorn Woods – 135 acres (Regional Park); In September of 2004, the City Council approved a 25 year lease for Acorn Woods as part of the Oak Grove Park lease. There is a day use area with picnic facilities in Acorn Woods. Also the Oak Grove Hike and Bike Trail goes through Acorn Woods.

Austin Oaks Park – 1.25 acres (Neighborhood Park); Acquired through parkland dedication in 1990. Amenities in the park include a play structure, basketball court, walkways, benches and picnic tables. The park was named after the subdivision.

Banyan Park – 0.77 acres (Neighborhood Park); Acquired through parkland dedication in 1988. Amenities in the park include play equipment, picnic tables, walkways and benches. The park was named after the subdivision.

Bear Creek Park – 54.63 acres (Community Park); This park was deeded in four sections with 1.25 acres being acquired through parkland dedication in 1987, two additional acres through parkland dedication in 1989 and 46.74 acres were purchased in 1992. Also, 4.64 acres of parkland was donated to the City by Huddleston/Curnes in 1995 in memory of Deborah Joan Swanson, late daughter of the previous property owners. This park has two playground structures, restroom facility, numerous picnic facilities, irrigation, a 1-mile hike/bike trail referred to as the "Deborah Joan Swanson Trail", a creek overlook, 10 hole disc golf course, interpretation stations, and two multi-purpose fields. The park is named after the creek that flows through it.

Bear Creek Park and Nature Preserve – 38.62 acres (Community Park); Seven (7) acres were acquired through parkland dedication in 1979, 7.25 acres through dedication in 1983 and 5.5 acres through dedication in 1986. Also, 19 acres were donated to the City in 1990 by Mr. Joe Wright. No strings were attached to this donation. This park contains an eight-foot wide hike and bike trail with interpretation stations, benches and tree identification signs. There is also an area known as the Jerry S. Miller spur along the west end of the trail in memory of a local citizen who passed away. The park was named for its natural and geographic amenities and to communicate the intent of the area. Council Member Sharron Spencer recommended that the entire park system along Big Bear Creek in south Grapevine be named the Bear Creek Park and Nature Preserve. The corridor along Bear Creek between Pool Road and Hwy. 121 South was targeted by TxDot as a thoroughfare and Council Member Spencer's recommendation that the park system be labeled a Nature Preserve would make it more difficult for TxDot to develop the thoroughfare.

Bellaire Park – 0.33 acres (Neighborhood Park); The City purchased two residential lots in November of 2005 for a park for the Bellaire subdivision. The park was named after the subdivision. The park was designed by Ironwood Design Group and amenities installed in the park in mid 2007. The park was dedicated on September 6, 2007.

C. J. Hutchins Park – 0.68 acres (Neighborhood Park); Donated to the City by the Woods Development Corp. in 1982 and named in 1984. This park contains playground equipment, picnic facilities and walkways. This park was named after a Grapevine resident.

Cluck Park – 0.73 acres (Neighborhood Park) Purchased in 1984. This park contains a lighted basketball court, playground equipment, walkways and picnic facilities. It was named after the owner of the property whose children sold it to the City in 1984.

Community Activities Center Open Space – 4.0 acres (Special Use Park); The portion of the park containing the sidewalk, benches and irrigation was developed in 1988. The in-line hockey rink was constructed in 1995 and the lighted open field play area was developed in 1998. The Community Activities Center, opened to the public in October of 1996, contains two gymnasiums, a 1/8 mile

walking/jogging track, two racquetball courts, an exercise area, 7 classrooms, a game room, locker rooms, and is the office for the Recreation Division.

DOVE CROSSING PARK – 0.30 acres (Neighborhood Park); Acquired through parkland dedication in 1984. This park contains playground equipment, walkways and picnic facilities. This was the first park to be dedicated through the Open Space Ordinance. It was named after the subdivision in which it is located.

DOVE PARK – 8.61 acres (Community Park); Purchased in 1970, this park contains a swimming pool, six lighted tennis courts, two lighted basketball courts, two large playground areas (Casey's Clubhouse), a lighted sand volleyball court, two pavilions, an in-line skating rink, a .45 mile hike and bike trail and picnic facilities. The park was probably named after the existing elementary school across the street from the park.

FAITH CHRISTIAN PARK – 1.25 acres (Neighborhood Park) At one time, the gymnasium at the then Grapevine Middle School served as the only Recreation Center available to Grapevine citizens. It averaged 182 citizens per day in the summer months and 164 citizens per day during the school year. The center is still utilized under a verbal agreement with the Faith Christian School. The City and school district jointly built two lighted tennis courts (since removed from the site), paid to air condition the two school gymnasiums, acquired a basketball scoreboard, and have made general improvements to the recreation center, tennis courts, and adjacent football stadium. The cost of the amenities was $95,000.

GLADE CROSSING PARK – 0.85 acres (Neighborhood Park); Acquired through parkland dedication in 1984. This park contains playground equipment, picnic facilities, walkways, wrought iron fencing with stone pillars, decorative stone benches, a memorial marker, and irrigation. The land and all of the initial amenities for the park were provided by the developer, Trammel Crow. It was named after the subdivision.

GLADE LANDING PARK – 0.95 acres (Neighborhood Park); Acquired through parkland dedication in 1986. This park contains playground equipment, walkways and picnic facilities. It was named for the subdivision it is located in.

HAZY MEADOWS PARK – 2.5 acres (Neighborhood Park); Acquired through parkland dedication in 1990. Amenities in this park include play equipment, picnic facilities, walkways and an open field play area. The hike and bike trails in this park are linked to Pleasant Glade Pool and Bear Creek Park.

HERITAGE PARK AND BOTANICAL GARDENS – 8.28 acres (Community Park); This park was the first park in Grapevine's park system. In 1938, the school district dedicated land for this park. In 1977, approximately six additional acres were acquired. Also, 1.94 acres were purchased in 1995 that included the Bessie Mitchell home. This park contains two-lighted tennis courts, a lighted basketball court, walkways, playground equipment, picnic facilities and the Bessie Mitchell Meeting Facility and is now the site of Grapevine's Botanical Garden. The origin of the name of this park is not known, but was probably named because of the City's heritage. The site was once a basket-making factory for the cantaloupe farming in the area. Also nearby was a brick kiln that supplied much of the brick for downtown Grapevine. This park also is home to a recognized historic tree in Grapevine, a post oak tree, believed to be over 200 years old and alive during the signing of the U.S. Constitution, it is appropriately named the Heritage Oak.

HIGHPOINT PARK – 65.5 acres (Community Park); Donated to the City in 1985. This park is currently undeveloped. Future plans call for a hike/bike trail and interpretive signs. This park parallels Denton Creek and will allow the city to connect a trail system to Coppell. Part of the park is actually located in Coppell after a boundary line dispute was settled. Its name is derived from the name of the original project name when dedicated to the city.

HORSESHOE TRAILS – 293.0 acres (Community Park); Approximately 120 acres were originally leased in 1992. The City Council approved a 25 year lease agreement in September of 2004 for this park which was included in the Oak Grove Park lease. The C. Shane Wilbanks Trail goes through this park. Also, there are approximately 4 miles of mountain bike trails in the park.

KATIE'S WOODS – 56.0 acres (Open Space Park); Facilities in this park include numerous picnic stations, two boat ramps and a restroom. The City Council approved a temporary lease agreement for Katie's Woods in 2002 and a 25 year lease agreement in September of 2004. Katie's Woods is included in the Silver Lake Park lease.

LAKEVIEW PARK – 147.0 acres (Open Space Park); The City Council approved a 25 year lease agreement for the park in September of 2004. Facilities in the park include numerous picnic stations, play equipment, two boat ramps and a restroom. This park is included in the Oak Grove Park lease.

LIBERTY PARK – 0.44 acres (Special Use Park); Purchased by the City in the 1960's. This park contains the historical Torian Cabin, extensive landscaping and is the site of the Wallis Building, home of the Convention & Visitors Bureau. It is here that the City erected it's first piece of public art, "Walking to Texas" statue and fountain in 1996. There are no records as to the naming of this park.

MEADOWMERE PARK– 268 acres (Regional Park); The City of Grapevine originally leased 80 acres from the Corps of Engineers in 1988. The Grapevine City Council approved a 25 year lease with the Corps of Engineers for the 268 acres in September of 2004. This park currently has soccer fields, a beach and picnic stations, one boat ramp and a restroom facility. The City Council approved a concept plan of the entire park in 1998 that includes an athletic complex for soccer, football and baseball fields, a concession/restroom facilities, an outdoor amphitheater, fishing/sailing pier, 18 hole disc golf course, landscaping and hike/bike trails. The name of this park was passed on from the U.S. Army Cops of Engineers.

OAK GROVE PARK – 228 acres (Regional Park); Originally, 12 acres were leased from the U.S. Army Corps of Engineers in 1969. In 1971, 52 acres were added to the lease. An additional 55 acres was leased in 1979. Finally, the City Council approved a 25-year lease agreement with the Corps of Engineers for all of Oak Grove Park in September of 2004 that includes an additional 684 acres of parkland. This park contains three-lighted regulation softball fields, nine regulation soccer fields (two lighted), nine lighted regulation baseball fields, picnic areas, two concession facilities, six restroom facilities, one large picnic pavilion and numerous small picnic stations, five boat ramps and playground equipment. The C. Shane Wilbanks Trail begins at the soccer complex and continues west for 3 miles. The Oak Grove Hike and Bike Trail links with the east end of the C. Shane Wilbanks Trail and with the new Dove Loop West Trail. The Corps of Engineers established the name of the park during the construction of the lake.

OAK RIDGE PARK – 0.81 acres (Neighborhood Park); Acquired through parkland dedication in 1994 from the developers of the Western Oaks and Belfort subdivisions. Amenities in the park include play equipment, picnic facilities, benches and walkways.

PARKWOOD PARK – 0.88 acres (Neighborhood Park); Acquired through parkland dedication in 1987. This park contains playground equipment, picnic facilities, and walkways. This park was named for the subdivision it is located in.

PARR PARK – 31.51 acres (Community Park); A total of 27 acres was purchased in 1979. Also, 1.37 acres were acquired through parkland dedication in 1991, 2.75 acres through dedication in 1992 and .39 acres through dedication in 1994. This park contains two regulation baseball fields, two regulation football/soccer fields, play equipment, a large pavilion, a shade structure, picnic facilities, exercise stations, and a two-mile jogging trail (including the Big Bear creek Nature Preserve trails). In addition, two 48 space concrete parking lots, a restroom, a sand volleyball court and a bridge crossing Big Bear Creek and connecting the Bear Creek trail have been added to this park. The park was named after the family that sold the land to the city.

PECAN PARK – 0.88 acres (Neighborhood Park); Acquired through parkland dedication in 1988. This site was developed in 1990. It includes playground equipment, walkways, picnic facilities and a basketball court. The park was named for the large pecan tree that graces the center of the park. The park is also referred to as the "Milton T. Burro Park" for the friendly burro that used to graze on the sight prior to the development of the park.

PICKERING PARK – 6.5 acres (Neighborhood Park); Donated to the City in the 1976 by the Pickering Family. This park contains playground equipment, picnic facilities, a small picnic shelter, walkways and a practice baseball field. It was named after the owners of the land who donated it to the City in 1976.

PLEASANT GLADE POOL – 3.0 acres (Special Use Park); Purchased from the GCISD school district in 1997 for the sight of an outdoor swimming pool. Completed in 1999, the pool features a children's pool with water features, 8 lanes of swimming in the 25-meter pool, shade covered areas, picnic tables and a vending area. Parking for the pool is provided through an agreement with GCISD. This park also serves as a trailhead in the south Grapevine hike and bike trail system. The pool was named after the Pleasant Glade Community that once existed in the area.

ROCKLEDGE PARK – 86.3 acres (Regional Park); The City Council approved the lease on March 3, 2009. The lease agreement with the Corps of Engineers states that the acreage is 44.5. However, Grapevine's GIS has calculated the acreage at 86.3 acres. As of March 2009, Leon Younger and Pros has been contracted by the City to prepare a feasibility study for the park.

SENIOR ACTIVITIES CENTER – 1.0 acres (Special Use Facility); Center averages 85 seniors per day. The center was originally built in 1978 at a size of 1,900 square feet. In 1980, it was expanded by 1,650 square feet. Additional property was purchased in 1988 for expansion. The center was expanded again in 1990 by an additional 2,300 square feet for a total of 5,850 square feet. Finally, the Center was expanded again via bonds approved in the 1998 Bond Election bringing the center to a total of 11,350 square feet.

SHADOW GLEN PARK – 2.33 acres (Neighborhood Park); Acquired through parkland dedication in 1986. This park contains play equipment, walkways, and picnic facilities. It was named for the subdivision where it is located.

SILVER LAKE PARK (AKA THE VINEYARDS CAMPGROUND AND CABINS) – 73.0 acres (Regional Park); The City Council approved a 25-year lease agreement with the Corps of Engineers in September of 2004 for this park that includes a 60+ space campground, named the Vineyards Campground, with two restroom/shower facilities, a laundry room, a picnic pavilion, playground and a boat ramp for campground customers. Silver Lake Park also has another restroom facility and boat ramp called Katie's Woods.

SUNSHINE HARBOR PARK – 0.28 acres (Neighborhood Park); Originally set aside as a street ROW with the adjoining subdivision, this park was established to provide recreational opportunities for the residents in the Sunshine Harbor Estates 1998. The park contains a play structure, walkways, basketball goal and picnic tables. It was named after the adjoining subdivision.

TOWN SQUARE – 0.25 acres (Special Use Park); Purchased in 1985, this park is the smallest park in Grapevine and contains a gazebo, decorative streetlights, decorative benches and a pavestone sidewalk. It was named for its location in downtown Grapevine.

WALL - FARRAR PARK – 29.56 acres (Community Park); Donated to the City of Grapevine on May 11, 2005 by the Farrar Family, kin to B.R. Wall, former Mayor of Grapevine. The property was formally a Pecan Farm and is located on the north side of Big Bear Creek on the west side of the W.D. Tate service road of SH 121.

YORKSHIRE MEADOWS PARK – 0.75 acres (Neighborhood Park); Acquired through parkland dedication in 1986. This park contains playground equipment, picnic facilities, walkways and a volleyball court. It was named for the subdivision it is located in.

911 MEMORIAL PLAZA – 0.25 acres (Special Use Park); Dedicated to the flight crews who lost their lives on September 11, 2001, from terrorist attacks in New York, Pennsylvania, and Washington D.C.. The public art was dedicated on July 4, 2008.

Appendix C – Environmentally Sensitive Areas

Appendix C contains:

- Description of City of Grapevine Management Policy
- Map of Lake Grapevine Environmentally Sensitive Areas
- Map of Big Bear Creek Environmentally Sensitive Areas

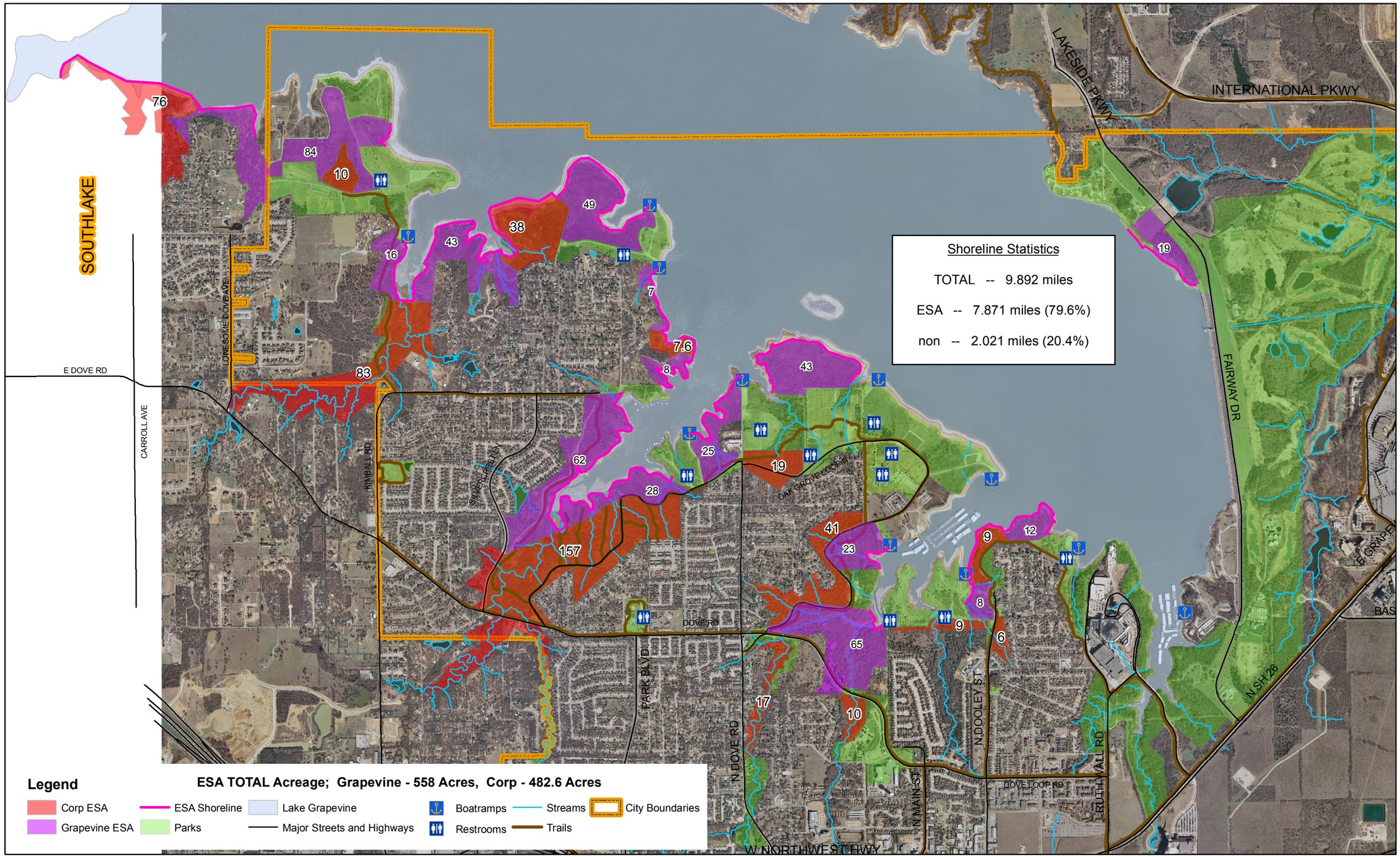
Environmentally Sensitive Areas – City of Grapevine

The City of Grapevine has identified 558 +/- acres of Corps of Engineer leased parkland on Lake Grapevine as Environmentally Sensitive Areas (ESA's), in conjunction with the 482 +/- acres the U. S. Corps of Engineers identified in the U. S. Corps of Engineers Grapevine Lake Master Plan Supplement dated January 11, 2001. The City of Grapevine has also identified approximately 50 +/- acres along Big Bear Creek in south Grapevine as Environmentally Sensitive Areas.

The total acreage of ESA's designated in Grapevine is 1,090 +/- acres and represents 70% of the total park acreage in the city.

The purpose for designating these additional areas is to provide for and protect the native species of flora and fauna habitat by minimizing improvements. Park amenities within these areas may include soft surface or hard surface trails, benches, trash receptacles, water fountains, or interpretive areas. The City reserves the right to remove invasive flora from these areas and to reintroduce native species to encourage a natural habitat and to allow the native flora to flourish.

Lake Grapevine
Parks & Recreation
Environmentally Sensitive Areas - Acreage



City of Grapevine GIS Office: Matt Brogan
Tuesday, April 19, 2011 10:29:52 AM
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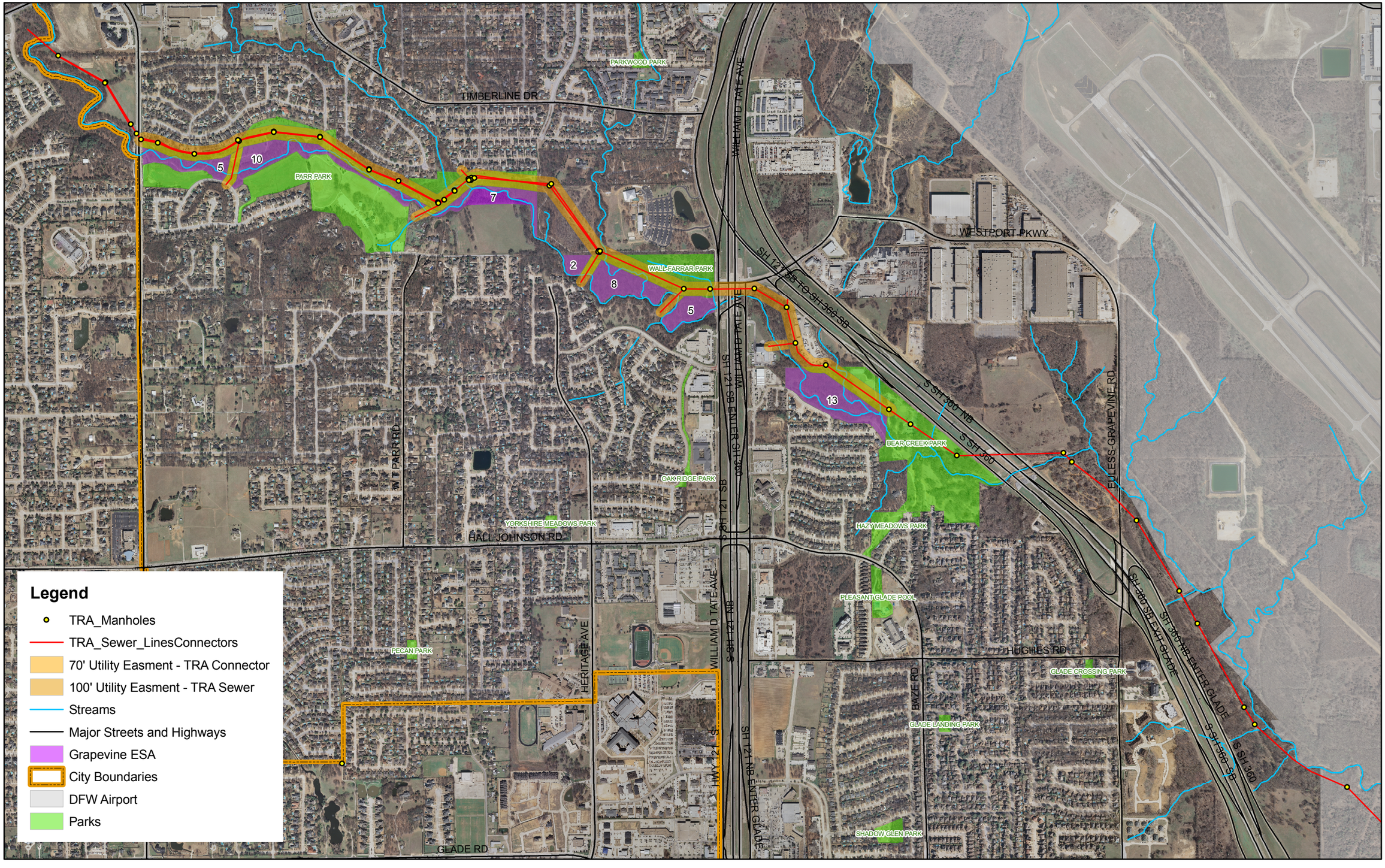
*Note; Calculations on acreage and mileage determined by GIS & 2009 ORTHOS aerial imagery

Big Bear Creek ESA - Acreage



Legend

- TRA_Manholes
- TRA_Sewer_LinesConnectors
- 70' Utility Easment - TRA Connector
- 100' Utility Easment - TRA Sewer
- Streams
- Major Streets and Highways
- Grapevine ESA
- City Boundaries
- DFW Airport
- Parks

TOTALS: Grapevine ESA - 50 Acres

0 1,000 2,000 4,000 Feet

N W E S

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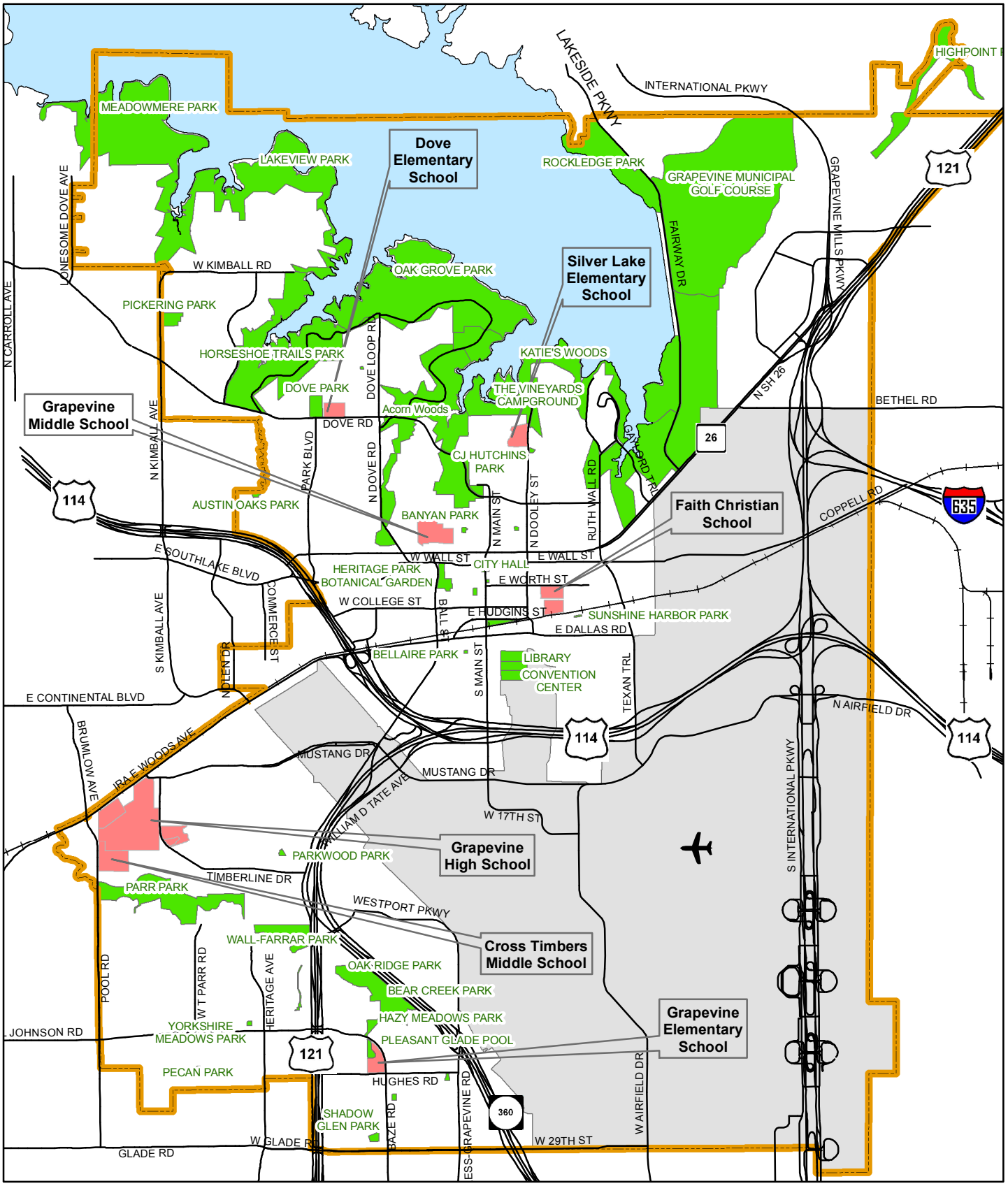
Appendix D – Additional Maps

Appendix D contains:

- Map of Grapevine Parks and Joint Use School Sites
- Map of Current Hike and Bike Trail Master Plan

Grapevine Parks and Joint Use School Sites



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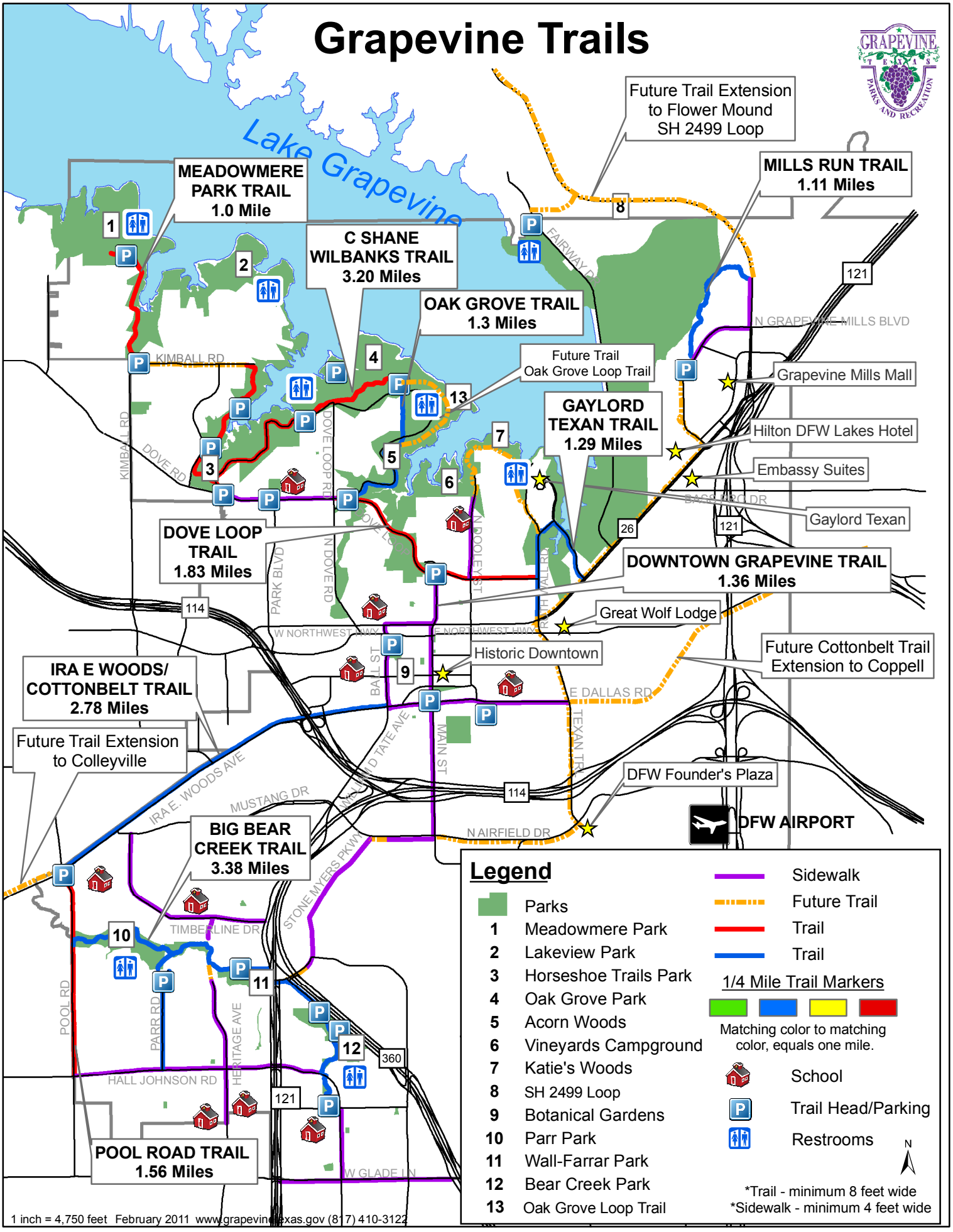
Legend

Major Streets | City Boundary | Lake Grapevine | DFW Airport
Railroad | Parks | Schools

0 0.5 1 2 Miles

N W E S


Grapevine Trails
GRAPEVINE TEXAS PARKS AND RECREATION
Lake Grapevine
MEADOWMERE PARK TRAIL 1.0 Mile
C SHANE WILBANKS TRAIL 3.20 Miles
OAK GROVE TRAIL 1.3 Miles
Future Trail Extension to Flower Mound SH 2499 Loop
MILLS RUN TRAIL 1.11 Miles
Future Trail Oak Grove Loop Trail
GAYLORD TEXAN TRAIL 1.29 Miles
Grapevine Mills Mall
Hilton DFW Lakes Hotel
Embassy Suites
Gaylord Texan
DOVE LOOP TRAIL 1.83 Miles
DOWNTOWN GRAPEVINE TRAIL 1.36 Miles
Great Wolf Lodge
Historic Downtown
Future Cottonbelt Trail Extension to Coppell
IRA E WOODS/ COTTONBELT TRAIL 2.78 Miles
Future Trail Extension to Colleyville
DFW Founder's Plaza
DFW AIRPORT
BIG BEAR CREEK TRAIL 3.38 Miles
POOL ROAD TRAIL 1.56 Miles
KIMBALL RD
DOVE RD
DOVE LOOP RD
N DOVE RD
PARK BLVD
N GRAPEVINE MILLS BLVD
FAIRWAY DR
BASS PRO DR
N BOOLEY ST
SOUTHWALL RD
W NORTHWEST HWY
E NORTHWEST HWY
BALL ST
E DALLAS RD
MAIN ST
TEXAN TRL
IRA E. WOODS AVE
MUSTANG DR
DONALD TATE AVE
N AIRFIELD DR
STONE MYERS PKWY
TIMBERLINE DR
POOL RD
PARR RD
HERITAGE AVE
HALL JOHNSON RD
W GLADE LN
114
121
26
360
Legend
Parks
1 Meadowmere Park
2 Lakeview Park
3 Horseshoe Trails Park
4 Oak Grove Park
5 Acorn Woods
6 Vineyards Campground
7 Katie's Woods
8 SH 2499 Loop
9 Botanical Gardens
10 Parr Park
11 Wall-Farrar Park
12 Bear Creek Park
13 Oak Grove Loop Trail
Sidewalk
Future Trail
Trail
Trail
1/4 Mile Trail Markers
Matching color to matching color, equals one mile.
School
Trail Head/Parking
Restrooms
N
*Trail - minimum 8 feet wide
*Sidewalk - minimum 4 feet wide
1 inch = 4,750 feet February 2011 www.grapevinetexas.gov (817) 410-3122