



Duncanville
City of Champions

PARK MASTER PLAN

DECEMBER 2017



 **DUNAWAY**

ACKNOWLEDGMENTS

The City of Duncanville staff and community leaders provided guidance and input to the Dunaway Team throughout the planning process. A special thanks to the following individuals who participated:

CITY MANAGER

Kevin Hugman

CITY COUNCIL

David L. Green

Mayor

Patrick LeBlanc

Councilman, Member At-Large

Dennis L. Schwartz

Mayor Pro Tem, District 1

Steven Rutherford

Councilman, District 2

Leslie Thomas

Councilwoman, District 3

Ronald L. Dotson, MD

Councilman, District 4

Johnette Jameson

Councilwoman, District 5

PARKS AND RECREATION ADVISORY BOARD

Leo Bell, Jr.

Reginald Hurd

Don Johnson

Roderick E. Lee

Alexander (Sandy) McLachlan

Ed Priest

Eugenia Rodgers

PARKS AND RECREATION STAFF

Bart Stevenson

Director

Timothy Hamilton

Parks Superintendent

Pam Willis

Parks Administration

DUNAWAY ASSOCIATES

Philip Neeley, ASLA

Project Manager

Elizabeth McIlrath, ASLA

Park Planner

Adam Brewster, ASLA

Park Planner

Ashley Austin

Graphics/Exhibits

TABLE OF CONTENTS

4	SECTION 1: INTRODUCTION
5	SECTION 2: METHODOLOGY
7	SECTION 3: INVENTORY
27	SECTION 4: POPULATION AND DEMOGRAPHICS
31	SECTION 5: BENCHMARKING
34	SECTION 6: STANDARDS
40	SECTION 7: NEEDS ASSESSMENT
49	SECTION 8: PRIORITY RANKINGS
51	SECTION 9: IMPLEMENTATION

INTRODUCTION

SECTION 1



INTRODUCTION

Duncanville is an established City in southern Dallas County with a current population of nearly 40,000 residents. As a mature City with rich history, Duncanville has a nice blend of family, community and business activities. A key part of these activities involve the wide range of parks and recreational resources that serve all age groups. With 17 parks and some popular indoor facilities, Duncanville citizens enjoy active and passive recreation throughout the year.

Dunaway Associates was commissioned to work with the Parks Department and City Leaders in developing a new citywide Park Master Plan to help guide future development and redevelopment within the City. Since a City Comprehensive Plan was also ongoing, the timing of the Park Master Plan was ideal for framing a uniform vision for Duncanville. The Dunaway team implemented an interactive process that involved City staff, the Park Board, Citizen Groups, and a specially appointed Steering Committee.

The City provided some initial goals and objectives in its original Request for Qualifications (RFQ), including the following items:

- Engage the community in a participatory process to build consensus for the Park Master Plan
- Coordinate efforts and findings with the consultant for the Comprehensive Plan
- Address the City's park system and facilities, including the ability to respond to the current and future recreational needs in Duncanville
- Identify redevelopment opportunities along with prioritization of projects
- Evaluate the current trail system and potential for hike/bike trails
- Provide recommendations for undeveloped parks and deficiencies in developed parks
- Obtain adoption of the Park Master Plan by the City Council in order to provide direction to City officials, City staff, and residents for implementing the Plan

As Duncanville approaches its buildout, the City is faced with aging infrastructure, the need for redevelopment and revitalization of parks, providing quality recreational opportunities for all age groups, and the ability to attract sports tourism to the community. This new Park Master Plan frames a balanced approach for investing in Duncanville's park system. The Action Plan recommendations will help guide the successful developments throughout the park system over the next 5 to 10 years.





METHODOLOGY

SECTION 2

METHODOLOGY

The Dunaway planning team worked closely with City staff and a Steering Committee throughout the master planning process. This included key meetings and presentations along the way to get feedback and consensus for the initial findings. This open dialogue enabled the team to advance the process and keep in stride with the separate Comprehensive Plan update that was ongoing.

The Park Master Plan was prepared using a two-phase planning process. Phase I involved the Inventory and Needs Assessment. Phase II involved preparing the Park Master Plan document.

THE MASTER PLANNING PROCESS

PHASE I – INVENTORY AND NEEDS ASSESSMENT

STEP 1 – DATA COLLECTION AND BASE MAP PREPARATION

The team prepared a base map from the digital/GIS data provided by the City. The base map illustrated information such as park sites, schools, city facilities, drainage corridors, vegetation, etc.

STEP 2 – INVENTORY AND SUPPLY ANALYSIS

The team was provided a current inventory of the entire park system. Team members and City staff performed a tour of the existing parks and recreational facilities available through the City. Each park site was documented for its existing conditions and amenities.

STEP 3 – POPULATION ANALYSIS AND DEMOGRAPHIC TRENDS

The team obtained latest updates for demographic and population data from the North Central Texas Council of Governments (NCTCOG) as well as information from City staff. This included evaluating factors of population, race, housing, employment, income, and future growth.

STEP 4 – BENCHMARK ANALYSIS

The team selected some peer city park systems in the North Texas region that coincide with some of the characteristics of Duncanville. City staff and team members toured these cities to review park developments, recreational facilities, and current participation levels.



STEP 5 – STANDARDS ANALYSIS

The team utilized some of the published recommendations by the National Recreation and Park Association (NRPA), as well as local DFW guidelines, for evaluating standards for both park acreages and facilities.

STEP 6 – PUBLIC INPUT AND NEEDS ASSESSMENT

With National Service Research leading this effort, a series of steps were utilized to determine the park and recreation needs of the community. This included two (2) visioning sessions with Duncanville citizens, and then an online survey through the City’s website. From the feedback, the team was able to quantify the specific needs of the citizens.

PHASE II – PARK MASTER PLAN

STEP 7 – PRIORITY RANKING ANALYSIS

The team developed a priority criteria system for ranking needs. From this criteria, a priority ranking was established based upon input from the citizen survey, Park Board, City staff, and Dunaway team.

STEP 8 – ACTION PLAN

The team prepared specific recommendations in an Action Plan that outlined renovations and new development of parks and recreational facilities to meet future needs within the community.

STEP 9 – IMPLEMENTATION PLAN

To support the Action Plan, the team prepared an Implementation Plan for the projected budgets/ capital costs within the Action Plan. This included funding recommendations that might be utilized over the next 5 to 10 years.

STEP 10 – PRELIMINARY PARK MASTER PLAN

The team prepared the Preliminary Master Plan document outlining the entire process, findings, and recommendations. This included preparing exhibits/maps for the items recommended with the Action Plan.

STEP 11 – FINAL PARK MASTER PLAN

The team prepared the Final Master Plan document. This task included final presentations to the Park Board and the City Council.

INVENTORY

SECTION 3



INVENTORY

Over the years, the Parks Department has done an excellent job of keeping an up-to-date inventory of recreational amenities at each park site. Utilizing this current information, the Dunaway team was able to compile a complete inventory of all existing parks, recreation facilities and open spaces in the system. From this inventory, City staff and the Dunaway team toured all the park sites throughout Duncanville. The following pages provide a summary inventory of the existing parks and recreational facilities within the City.

ALEXANDER PARK



LOCATION:

715 S. Alexander Ave.

ACRES:

9.06

CLASSIFICATION:

Community Park

AMENITIES:

- Benches: **2**
- Picnic Tables: **4**
- Playgrounds: **1**
- Restrooms: **1**
- Trash Receptacles: **13**
- Bleachers: **6**
- Concession Stand: **1**
- Players' benches: **6**
- Softball fields: **3**



ARMSTRONG PARK



LOCATION:

100 James Collins Blvd.

ACRES:

21.40

CLASSIFICATION:

Community Park

AMENITIES:

- Benches: **20**
- Drinking Fountains: **1**
- Gazebos: **1**
- Pavilions: **1**
- Picnic Tables: **21**
- Playgrounds: **1**
- Restrooms: **1**
- Trash Receptacles: **32**
- Tennis Courts: **2**
- Walking Trail: **1**

CHRIS PARIS PARK



LOCATION:

1300 Caravan Trail

ACRES:

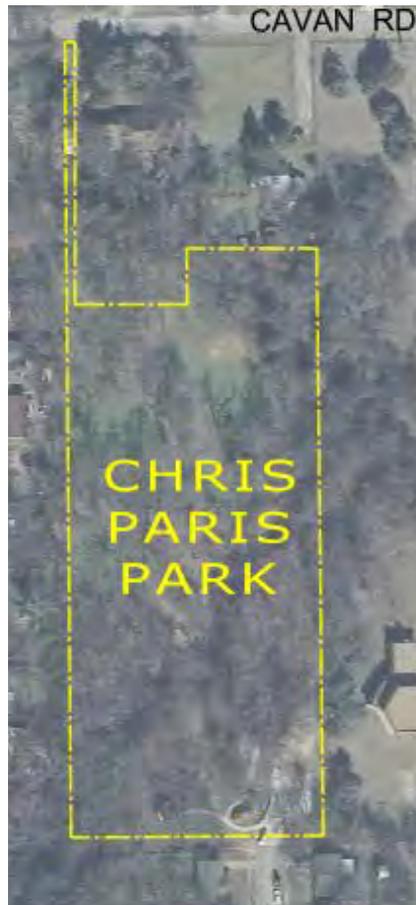
4.49

CLASSIFICATION:

Neighborhood Park

AMENITIES:

- Benches: 2
- Grills: 3
- Pavilions: 1
- Picnic Shelters: 1
- Picnic Tables: 6
- Playgrounds: 1
- Trash Receptacles: 5



HARRINGTON PARK



LOCATION:

1815 S. Cockrell Hill Rd.

ACRES:

66.44

CLASSIFICATION:

Community Park

AMENITIES:

- Benches: **4**
- Drinking Fountains: **3**
- Grills: **5**
- Pavilions: **2**
- Picnic Tables: **18**
- Playgrounds: **1**
- Restrooms: **3**
- Trash Receptacles: **77**
- Baseball fields : **8**
- Bleachers: **46**
- Concession Stand: **2**
- Players' benches: **16**
- Soccer Fields: **15**

LAKESIDE PARK



LOCATION:

515 Hill City Dr.

ACRES:

51.46

CLASSIFICATION:

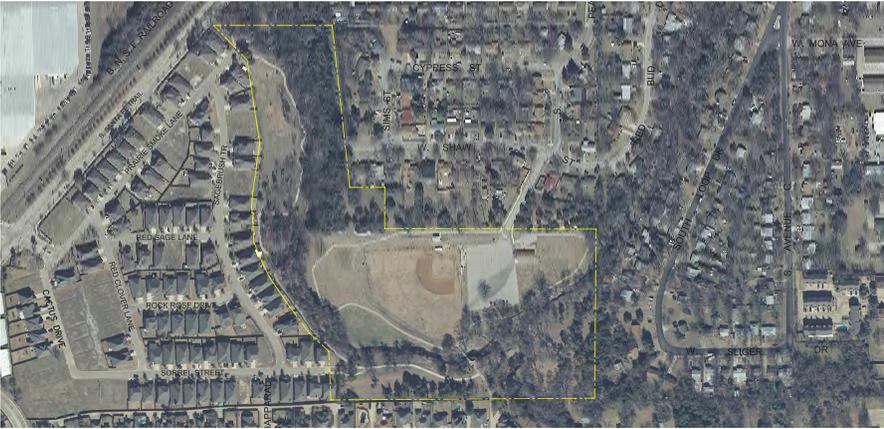
Community Park

AMENITIES:

- Benches: **11**
- Drinking Fountains: **1**
- Grills: **11**
- Pavilions: **2**
- Picnic Tables: **26**
- Playgrounds: **2**
- Restrooms: **1**
- Trash Receptacles: **39**
- Bleachers: **6**
- Basketball Courts: **1**
- Football Fields: **1**
- Players' benches: **4**
- Softball fields: **2**
- Volleyball Courts: **1**
- Walking Trail: **1**



LIONS PARK



LOCATION:

1000 S. Peach St.

ACRES:

21.70

CLASSIFICATION:

Community Park

AMENITIES:

- Benches: **12**
- Grills: **6**
- Picnic Tables: **10**
- Playgrounds: **1**
- Restrooms: **1**
- Trash Receptacles: **13**
- Baseball fields : **1**
- Bleachers: **3**
- Concession Stand: **1**
- Players' benches: **2**
- Walking Trail: **1**



LITTLE SHENANDOAH PARK



LOCATION:

1715 Limetree Ln.

ACRES:

0.57

CLASSIFICATION:

Neighborhood Park

AMENITIES:

- Grills: 2
- Picnic Tables: 2
- Trash Receptacles: 1



LOUIS NICHOLS PARK



LOCATION:
1601 S. Cockrell Hill Rd.

ACRES:
10.12

CLASSIFICATION:
Special Use

AMENITIES:
None currently

MEMORIAL PARK



LOCATION:

101 N. Main St.

ACRES:

0.20

CLASSIFICATION:

Special Use

AMENITIES:

- Historic features



ORIOLE PARK



LOCATION:

515 Oriole Blvd.

ACRES:

1.28

CLASSIFICATION:

Neighborhood Park

AMENITIES:

- Trash Receptacles: 1

PENN SPRINGS PARK



LOCATION:

1502 Penn Springs Dr.

ACRES:

0.31

CLASSIFICATION:

Mini (Pocket) Park

AMENITIES:

- Benches: 2
- Picnic Tables: 1
- Trash Receptacles: 1



PYBURN PARK



LOCATION:

915 Astaire Ave.

ACRES:

2.39

CLASSIFICATION:

Neighborhood Park

AMENITIES:

- Benches: **5**
- Picnic Tables: **5**
- Playgrounds: **1**
- Trash Receptacles: **6**
- Walking Trail: **1**



QUAIL RUN PARK



LOCATION:

325 N. Greenstone Ln.

ACRES:

4.38

CLASSIFICATION:

Neighborhood Park

AMENITIES:

None



RED BIRD PARK



LOCATION:

401 W. Red Bird Ln.

ACRES:

17.39

CLASSIFICATION:

Community Park

AMENITIES:

- Benches: **5**
- Drinking Fountains: **1**
- Grills: **1**
- Pavilions: **1**
- Picnic Tables: **5**
- Playgrounds: **1**
- Restrooms: **1**
- Trash Receptacles: **5**
- Walking Trail: **1**

ROTARY PARK



LOCATION:

301 S. Venice Dr.

ACRES:

12.23

CLASSIFICATION:

Neighborhood Park

AMENITIES:

- Benches: **2**
- Grills: **2**
- Picnic Tables: **5**
- Playgrounds: **2**
- Trash Receptacles: **6**



WATERVIEW PARK



LOCATION:

1700 Whitecliff Dr.

ACRES:

17.00

CLASSIFICATION:

Community Park

AMENITIES:

- Benches: **8**
- Picnic Tables: **2**
- Playgrounds: **1**
- Trash Receptacles: **9**
- Walking Trail: **1**

WILLOW RUN PARK



LOCATION:

1325 Oak Run Dr.

ACRES:

3.76

CLASSIFICATION:

Linear Park

AMENITIES:

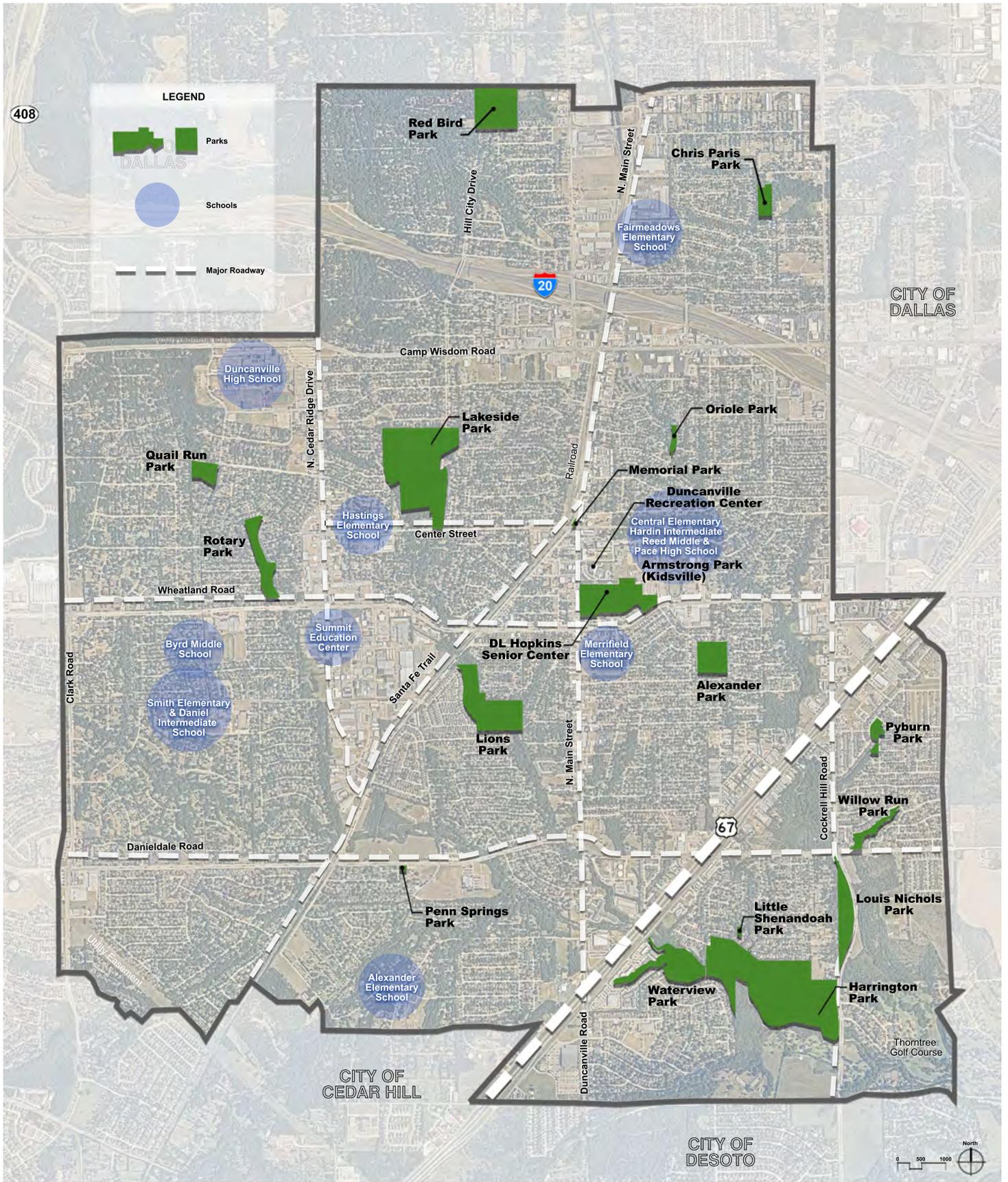
- Benches: **3**
- Picnic Tables: **1**
- Playgrounds: **1**
- Trash Receptacles: **1**



PARK INVENTORY AND AMENITIES

Park Name	Park Address	Classification*	Acres	Benches	Drinking Fountains	Gazebos	Grills	Pavilions	Picnic Shelters	Picnic Tables	Playgrounds	Restrooms	Trash Barrels	Baseball fields	Bleachers	Basketball Courts	Concession Stand	Football Fields	Players' benches	Soccer Fields	Softball fields	Tennis Courts	Volleyball Courts	Walking Trail
Alexander Park	715 S. Alexander Ave.	Community Park	9.06	2	-	-	-	-	-	4	1	1	13	-	6	-	1	-	6	-	3	-	-	-
Armstrong Park	100 James Collins Blvd.	Community Park	21.40	20	1	1	-	1	-	21	1	1	32	-	-	-	-	-	-	-	-	2	-	1
Chris Paris Park	1300 Caravan Trail	Neighborhood Park	4.49	2	-	-	3	1	1	6	1	-	5	-	-	-	-	-	-	-	-	-	-	-
Harrington Park	1815 S. Cockrell Hill Rd.	Community Park	66.44	4	3	-	5	2	-	18	1	3	77	8	46	-	2	-	16	15	-	-	-	-
Lakeside Park	515 Hill City Dr.	Community Park	51.46	11	1	-	11	2	-	26	2	1	39	-	6	1	-	1	4	-	2	-	1	1
Lions Park	1000 S. Peach St.	Community Park	21.70	12	-	-	6	-	-	10	1	1	13	1	3	-	1	-	2	-	-	-	-	1
Little Shenandoah Park	1715 Limetree Ln.	Neighborhood Park	0.57	-	-	-	2	-	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Louis Nichols Park	1601 S. Cockrell Hill Rd.	Special Use	10.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Memorial Park	101 N. Main St.	Special Use	0.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oriole Park	515 Oriole Blvd.	Neighborhood Park	1.28	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Penn Springs Park	1502 Penn Springs Dr.	Mini (Pocket) Park	0.31	2	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Pyburn Park	915 Astaire Ave.	Neighborhood Park	2.39	5	-	-	-	-	-	5	1	-	6	-	-	-	-	-	-	-	-	-	-	1
Quail Run Park	325 N. Greenstone Ln.	Neighborhood Park	4.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Red Bird Park	401 W. Red Bird Ln.	Community Park	17.39	5	1	-	1	1	-	5	1	1	5	-	-	-	-	-	-	-	-	-	-	1
Rotary Park	301 S. Venice Dr.	Neighborhood Park	12.23	2	-	-	2	-	-	5	2	-	6	-	-	-	-	-	-	-	-	-	-	-
Waterview Park	1700 Whitecliff Dr.	Community Park	17.00	8	-	-	-	-	-	2	1	-	9	-	-	-	-	-	-	-	-	-	-	1
Willow Run Park	1325 Oak Run Dr.	Linear Park	3.76	3	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-

244.18



Duncanville Park Master Plan

Parks and Recreation Department

Existing Parks

December 2017



POPULATION & DEMOGRAPHICS

SECTION 4



POPULATION AND DEMOGRAPHICS

The population of a community can be evaluated in a variety of ways for purposes of park planning, both physically and financially. The offering of public facilities is based in part on the consumption characteristics of the residents. This is certainly true in planning for recreational needs within the Duncanville community. The location, size, and amenities of parks should be based on the density and distribution of the population as recipients of these services. In order to assist in forecasting the future park and recreation needs throughout Duncanville, this section provides information on some particular characteristics over the past five to seven years.

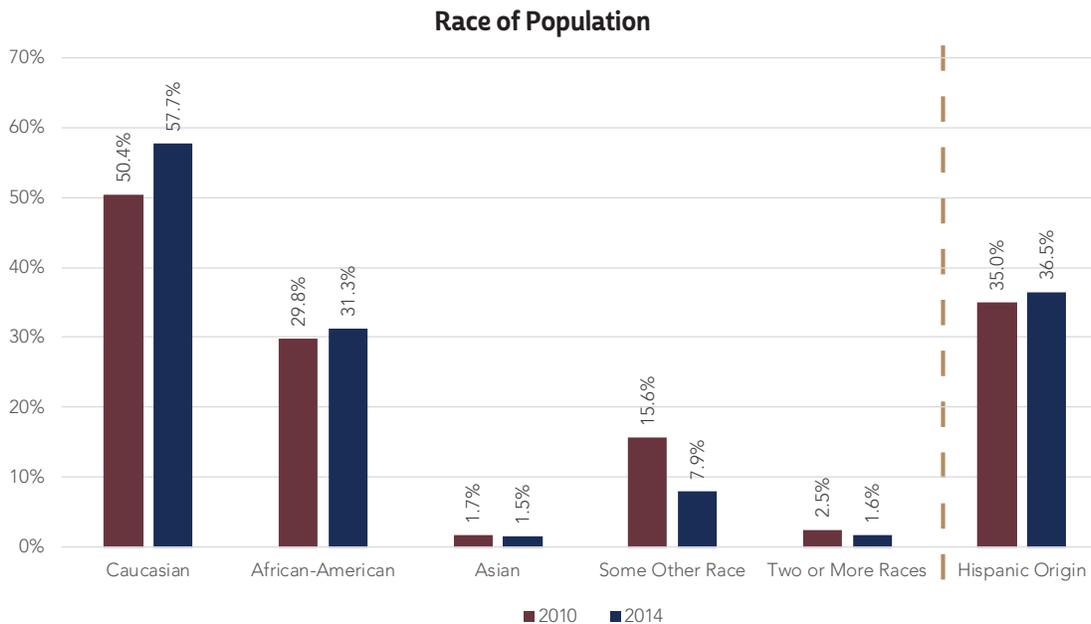
There are various ways to estimate population for a given area. The North Central Texas Council of Governments (NCTCOG) uses a method that accommodates the varying levels of data available for local communities while focusing on consistency. Their estimates have been developed to use in regional planning activities for the Dallas/Fort Worth region. NCTCOG performs ongoing demographic research on such topics as population, housing, employment, income, etc. The City of Duncanville also provided some recent demographic information to be used by the Dunaway team.

Duncanville Population Data							
2010	2011	2012	2013	2014	2015	2016	2017
38,524	38,600	38,610	38,800	39,170	39,220	39,230	39,240

2017 Population Density (persons per square mile): 3,495.60

Sources: 1990, 2000, 2010 - U.S. Census Bureau; 2016, 2017 - NCTCOG Annual Population Estimates

* Some estimates have been revised



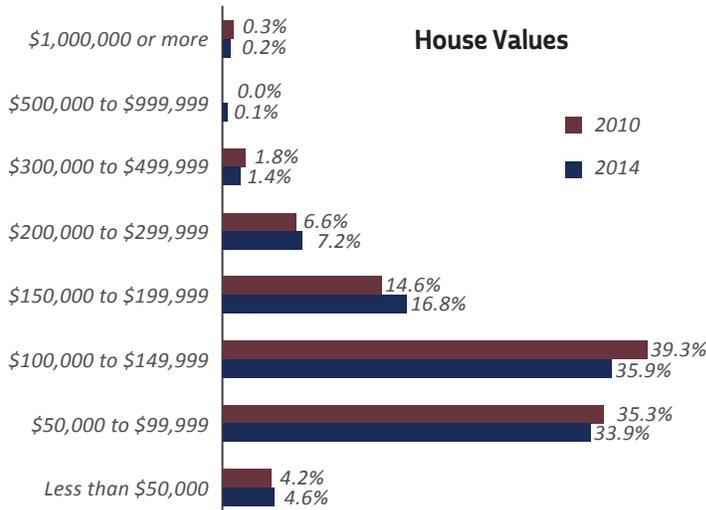
Duncanville Housing Estimates			
	April 1, 2010	January 1, 2016	January 1, 2017
Single Family	11,581	11,626	11,629
Multi-Family	2,423	2,423	2,423
Other	7	7	7
Total Units	14,011	14,056	14,059

Single Family Units - Housing that consists of one structure, attached or detached (by definition of U.S. Census Bureau)

Multi-Family Units - Housing that consists of structures with two or more units, or several structures with several families (i.e., townhomes, condominiums, duplexes and apartments)

Other Units - Housing in non- or semi-permanent structures (i.e., mobile homes, manufactured housing, boats, RVs)

Source: NCTCOG Annual Population Estimates



The median value of owner occupied housing is approximate \$114,700, which is below the County and State averages of \$132,700 and \$136,000 respectively. The average mortgage is roughly 1,359. However, median gross rent in Duncanville, estimated to be \$961, is above the County and State averages (\$907 and \$882 respectively).

2011-2015 ACS 5-Year Estimates

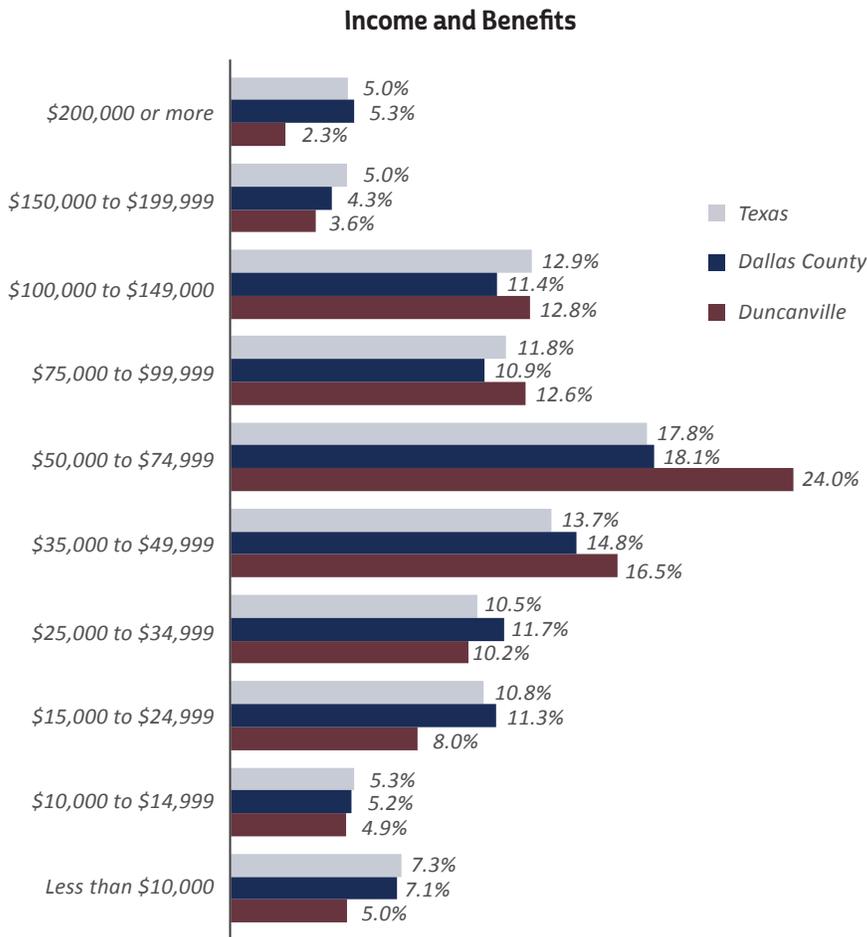
Duncanville Estimated Employment	2014
Goods Producing Industries [NAICS 11, 21-23, 31-33, 42, 48, 49]	3,750
Services Providing Industries [NAICS 51-56, 61, 62, 71, 72, 81, 92]	11,178
Retail Industries [NAICS 44, 45]	1,349
Total	16,277

The North American Industry Classification System (NAICS) is the standard used by Federal statistical agencies in classifying business establishments for the purpose of collecting, analyzing, and publishing statistical data related to the U.S. business economy. For more information, visit <http://www.census.gov/eos/www/naics/>.

Source: Bureau of Economic Analysis and U.S. Census Bureau, analyzed by NCTCOG

Duncanville Income and Poverty	
	2011-2015
Median Household Income	\$53,750
Per Capita Income	\$23,489
Percent of People in Poverty	12.7%

Figures are based on the most current American Community Survey data available.
 Median Household Income and Per Capita Income are in 2015 inflation-adjusted dollars.



Source: 2010-2014 ACS 5-Year Estimates

Duncanville Forecast 2040					
Households		Household Population		Employment	
2005 Estimate	2040 Forecast	2005 Estimate	2040 Forecast	2005 Estimate	2040 Forecast
12,769	14,649	35,779	46,016	14,384	25,838

Source: North Central Texas Council of Governments, May 2015

POPULATION UPDATES

	2010 Census Population April 1	2016 Estimate January 1	2017 Estimate January 1	2016-2017 Absolute Change	2016-2017 Percent Change
Dallas County	2,368,139	2,478,970	2,502,270	23,300	0.9%
Addison	13,056	15,600	15,730	130	0.8%
Balch Springs	23,728	24,310	24,480	170	0.7%
Cedar Hill	45,028	47,090	47,320	230	0.5%
Cockrell Hill	4,193	4,160	4,160	-	0.0%
Coppell	38,659	40,310	40,820	510	1.3%
Dallas	1,197,816	1,257,730	1,270,170	12,440	1.0%
DeSoto	49,047	51,770	52,120	350	0.7%
Duncanville	38,524	39,230	39,240	10	0.0%
Farmers Branch	28,616	30,480	31,560	1,080	3.5%
Garland	226,876	234,310	234,710	400	0.2%
Glenn Heights	11,278	11,680	11,680	-	0.0%
Grand Prairie	175,396	184,620	187,050	2,430	1.3%
Highland Park	8,564	8,430	8,510	80	0.9%
Hutchins	5,338	5,350	5,350	-	0.0%
Irving	216,290	231,040	234,710	3,670	1.6%
Lancaster	36,361	37,550	37,730	180	0.5%
Mesquite	139,824	142,950	143,060	110	0.1%
Richardson	99,223	104,300	107,400	3,100	3.0%
Rowlett	56,199	57,220	57,840	620	1.1%
Sachse	20,329	23,130	23,950	820	3.5%
Seagoville	14,835	15,580	15,900	320	2.1%
Sunnyvale	5,130	5,410	5,440	30	0.6%
University Park	23,068	22,720	22,820	100	0.4%
Wilmer	3,682	4,190	4,210	20	0.5%
Split Cities Adjustment	(120,096)	(127,770)	(131,450)		
Remainder of County	7,175	7,580	7,760	180	2.4%

BENCHMARKING

SECTION 5



BENCHMARKING

Based upon the mature park system in Duncanville, and the associated range of park types, the Dunaway Team conducted a benchmark tour with City Staff and Steering Committee members to see other city park systems in the North Texas region. The team selected peer cities that have some of the same characteristics of Duncanville – older parks with newer park updates and recreational amenities. The group focused on seeing a range of park developments, recreational facilities, and current activities occurring at each location. Four cities were visited including Carrollton, Colleyville, Hurst and Mansfield. A summary of parks visited and key findings are documented in this section.

FRANCIS PERRY PARK

Carrollton, Texas

- 3-acre neighborhood park in mature residential area
- Family activities and small groups
- Nice open lawn and large trees
- Centralized playground area
- Classic stonework with historic theme



W.J. THOMAS PARK

Carrollton, Texas

- 24-acre Community Park (and neighborhood use)
- Wide open grass areas and large trees
- Newly added signature sprayground to activate park
- Shaded picnicking and family areas
- Parking and restrooms



JOSEY RANCH PARK / GREENBELT

Carrollton, Texas

- 180 contiguous acres of greenbelt along drainage corridor
- Major trail network with signage and stopping points
- Connections to neighborhoods, parks, and City destinations
- Offers nature escape and environmental learning



COLLEYVILLE CITY PARK

Colleyville, Texas

- 40-acre signature park in the center of community
- Efficient grouping of diamond sports (baseball/softball)
- Large pavilion for family gatherings and group rentals
- Themed playground with surrounding mature trees
- Trail system around park



HURST RECREATION CENTER

Hurst, Texas

- Established center with new additions / renovations
- Program expansions to keep up with market trends
- Centralized location creates synergy in civic complex
- Multi-generational users and activities



TOWN PARK

Mansfield, Texas

- 3.6-acre Community Park as civic focal point
- Family activities such as playgrounds, a pavilion, basketball and volleyball courts
- 300-seat amphitheater for outdoor concerts and events
- Major trailhead for the Walnut Creek Linear Park/Trail
- Parking and restrooms



ELMER W. OLIVER NATURE PARK

Mansfield, Texas

- 80-acre signature nature-based park
- Immersion in natural setting along Walnut Creek
- Connected to major hike/bike trail system
- Extensive soft trails with outdoor classroom stops
- Destination for field trips, day camps, and environmental learning



STANDARDS

SECTION 6



STANDARDS

When the Dunaway team evaluated the current park system in Duncanville, it was important to understand the range of parks, recreation facilities, and special use areas. A key part of this evaluation was comparing the needs of the present population as well as any future growth expected in the coming years. This Master Plan includes using some of the traditional standards established by the National Recreation and Park Association (NRPA), especially applicable to mature communities. The NRPA standards have been the most widely accepted and used standards for decades. This section includes a comparison of Duncanville to the NRPA standards and some DFW guidelines based upon park acreage per population, as well as recreational facilities per population.

I. CRITERIA FOR STANDARDS

Through the years the most common standards for park planning, as recognized by park and recreational professionals, are the published standards by the NRPA. As acknowledged in their publications, the NRPA recognizes the importance of establishing and using park and recreation standards as:

- a. A national expression of minimum acceptable facilities for the citizens of urban and rural communities.
- b. A guideline to determine land requirements for various kinds of park and recreation areas and facilities.
- c. A basis for relating recreation needs to spatial analysis within a community wide system of parks and open spaces.
- d. One of the major structuring elements that can be used to guide and assist regional development.
- e. A means to justify the need for parks and open space within the overall land use pattern of a region or community.

The purpose of the NRPA standards is to present park and recreation space guidelines that are applicable for planning, acquisition, and development of parks systems. These standards should be viewed as a guide by those municipalities that use them. The standards are to be coupled with the expertise of park planners when evaluating a community to which they are applied. Variations in the standards can also be established to reflect the unique social and geographical conditions of community.

II. PARK CLASSIFICATION SYSTEM

As the team evaluated Duncanville's park system, they confirmed the classification of each park by type, size, service area, and acres per 1,000 population. The following seven (7) NRPA classifications for parks were used for this Master Plan:

MINI (POCKET) PARK

The mini park is used to address limited, isolated or unique recreational needs of concentrated populations. Typically less than ¼ mile apart in a residential setting, the size of a mini park ranges between 2,500 square feet and 1 acre in size. These parks may be either active or passive, but speak to a specific recreational need rather than a particular population density. NRPA standards for these parks are 0.25 to 0.50 acres per 1,000 population.

NEIGHBORHOOD PARK

Neighborhood parks serve a variety of age groups within a limited area or “neighborhood”. They range in size from 1-15 acres and generally serve residents within a ¼ to ½ mile radius. The neighborhood park is an area for active recreation such as field games, court games, playgrounds, picnicking, etc. Facilities are generally unlighted and there is limited parking, if any, on site. NRPA standards for these parks are 1 to 2 acres per 1,000 population.

COMMUNITY PARK

Community parks are larger than neighborhood parks and serve several neighborhoods. They range in size from 16-99 acres and serve the entire City. The community park may be a natural area or developed area for a variety of outdoor recreation such as ballfields, playgrounds, boating, fishing, swimming, camping, picnicking, and trail systems. NRPA standards for these parks are 5 to 8 acres per 1,000 population.

METROPOLITAN PARK

Metropolitan parks are large park facilities that serve several communities. They range in size from 100-499 acres and serve the entire City. The metropolitan park is a natural area or developed area for a variety of outdoor recreation such as ballfields, playgrounds, boating, fishing, swimming, camping, picnicking, and trail systems. NRPA standards for these parks are 5 to 10 acres per 1,000 population.

REGIONAL PARK

Regional parks are very large multi-use parks that serve several communities within a particular region. They range in size from 500 acres and above and serve those areas within a one hour driving distance. The regional park provides both active and passive recreation, with a wide selection of facilities for all age groups. They may also include areas of nature preservation for activities such as sight-seeing, nature study area, wildlife habitat, and conservation areas. NRPA standards for regional parks vary due to the specific site and natural resources.

SPECIAL USE AREAS

Special use areas and parks are for specialized or single purpose recreation activities. NRPA defines these areas such as historical areas, nature centers, marinas, zoos, conservatories, arboretums, arenas, amphitheaters, plazas or community squares. There are no specific standards for size or acreage since each community will vary.

LINEAR PARK

Linear parks are built connections or natural corridors that link parks together. Typically, the linear park is developed for one or more modes of recreational travel such as walking, jogging, biking, in-line skating, hiking, horseback riding, and canoeing. NRPA does not have any specific standards for linear parks other than they should be sufficient to protect the resources and provide maximum usage.

NRPA PARK ACREAGE GUIDELINES

Type	Size/Acres	Service Area	Acres per 1,000 Population
Mini (Pocket) Park	2500 S.F.-1 Acre	Less Than ¼ Mile Distance in Residential Setting	.25-.5 ac/1,000
Neighborhood Park	1-15 Acres	One Neighborhood ¼ to ½ Mile Radius	1.0-2.0 ac/1,000
Community Park	16-99 Acres	Several Neighborhoods	5.0-8.0 ac/1,000
Metropolitan Park	100-499 Acres	Several Communities Under 1 Hour Driving	5.0-10.0 ac/1,000
Regional Park	500+	Several Communities Within 1 Hour Driving	Variable
Special Use Areas	Varies Depending on Desired Size	No Applicable Standard	Variable
Linear Park	Sufficient Width to Protect the Resource and Provide Maximum Usage	No Applicable Standard	Variable
Total			11.25-20.5 Ac/1,000 Population

NRPA PARK ACREAGE GUIDELINES COMPARED TO CURRENT POPULATION

Zone	Existing Acreage	NRPA Guidelines for Population of 40,000	Difference Between NRPA Guidelines and Existing Duncanville Parks
		Range	Range
Mini (Pocket) Parks	0.31	10-20	(9.69)-(19.69)
Neighborhood Parks	25.34	40-80	(14.66)-(54.66)
Community Parks	204.45	200-320	4.45-(115.55)
Metropolitan Park	0	n/a	n/a
Regional	0	n/a	n/a
Special Use Park	10.33	n/a	n/a
Linear Parks	3.76	n/a	n/a
Totals	244.18		

NRPA PARK ACREAGE GUIDELINES COMPARED TO FUTURE POPULATION

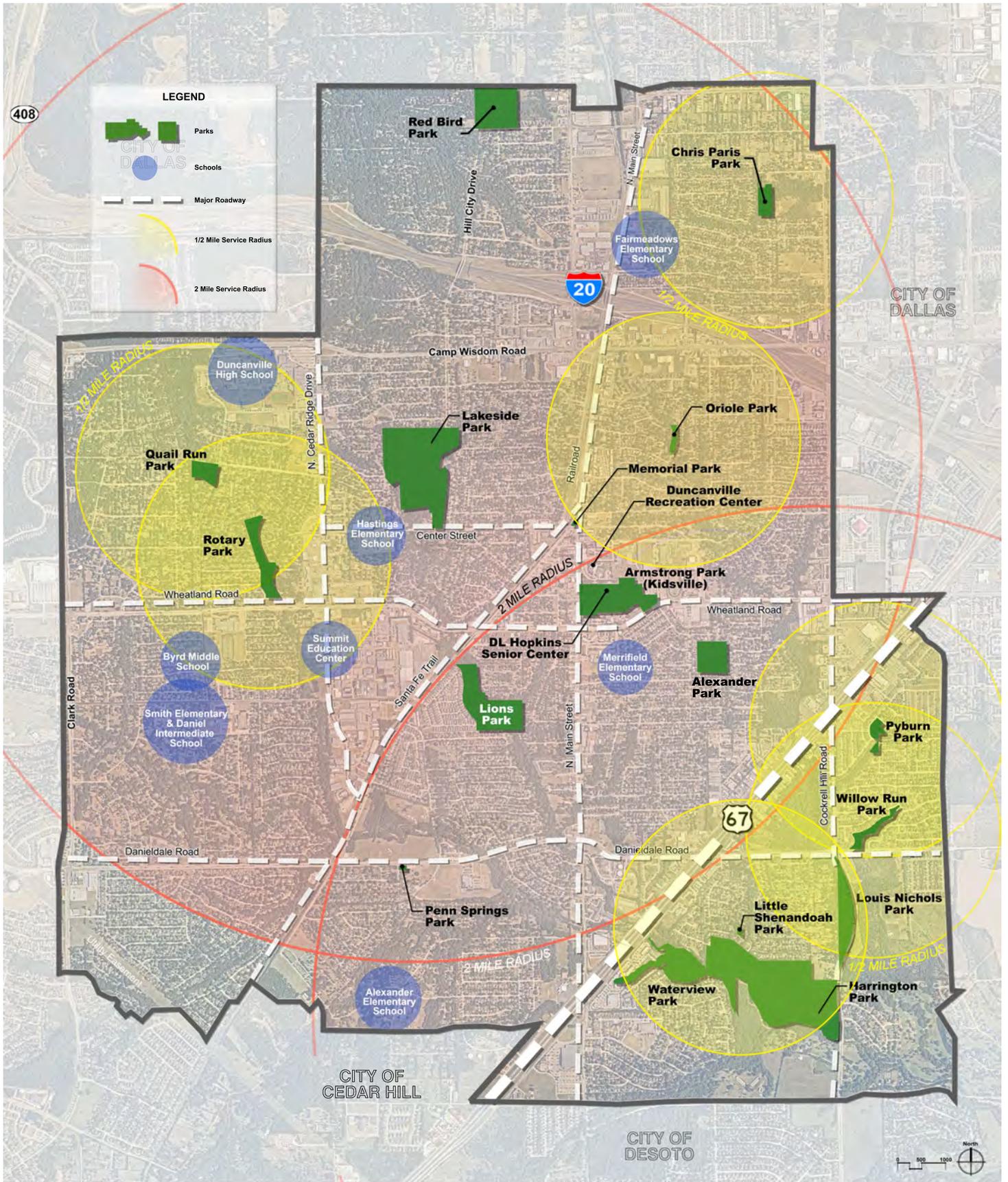
Zone	Existing Acreage	NRPA Guidelines for Population of 46,000	Difference Between NRPA Guidelines and Existing Duncanville Parks
		Range	Range
Mini (Pocket) Parks	0.31	11.5-23	(11.19)-(22.69)
Neighborhood Parks	25.34	46-92	(20.66)-(66.66)
Community Parks	204.45	230-368	(25.55)-(163.55)
Metropolitan Park	0	n/a	n/a
Regional	0	n/a	n/a
Special Use Park	10.33	n/a	n/a
Linear Parks	3.76	n/a	n/a
Totals	244.18		

FACILITY DEVELOPMENT STANDARDS APPLIED TO DUNCANVILLE

Activity/Facility	Recommended Guidelines: Facilities Per Population	Existing Facilities in Duncanville	Recommended Guidelines: Facilities for Current Population of 40,000	Recommended Guidelines: Facilities for Projected Population of 46,000
Baseball Fields	1 per 4,000 ¹	9	10	11.5
Basketball Courts (outdoor)	1 per 5,000 ²	1	8	5.75
Football Fields	1 per 20,000 ²	1	2	2.3
Pavilion/Picnic Shelter	1 per 3,000 ¹	8	13	15.33
Picnic Tables	1 table per 300 ²	106	133	153
Playgrounds	1 area per 1,000 ²	13	40	46
Recreation Center	1 SF per person ¹	1	40,000 SF	46,000 SF
Soccer Fields (league)	1 per 4,000 ¹	15	10	11.5
Softball Fields	1 per 4,000 ¹	5	10	11.5
Swimming Pool (outdoor)	1 per 20,000 ²	0	2	2.3
Tennis Courts	1 court per 2,000 ²	2	20	23
Trails	1 mile per 4,000 ¹		10	11.5
Volleyball Courts (outdoor)	1 per 5,000 ²	1	8	5.75

¹ Dunaway recommendation for high use by Youth Sports.

² Facility guidelines from NRPA guidelines as well as DFW area standards.



Duncanville Park Master Plan

Parks and Recreation Department

Park Service Areas

December 2017 **DUNAWAY**



NEEDS ASSESSMENT

SECTION 7



NEEDS ASSESSMENT

INTRODUCTION AND METHODOLOGY

National Service Research (NSR) completed a comprehensive research study for the City of Duncanville as part of the Park Master Plan update. An important aspect of the Master Plan was to conduct a demand and needs assessment which involved citizen input. The purpose of the needs assessment study was to provide a foundation for the Park Master Plan that will provide guidance based upon citizen needs and priorities.

NSR worked closely with Dunaway Associates and the City staff throughout the research process. In order to complete this study effort, National Service Research and Dunaway Associates conducted two public meetings on January 18 and 24, 2017, to gauge and understand the needs of the citizens. Both public meetings were held at the D.L. Hopkins Jr. Senior Center. The results of these discussions assisted in the design of the survey document. NSR mailed postcards to all Duncanville households (11,524) announcing the survey was available online through the City's website. Paper copies were available at City Hall, Senior Center, Recreation Center, and the Library. NSR provided the online survey link for the City of Duncanville to post on their web site which was available in English and Spanish. The postcard was also provided in English and Spanish. A total of 483 survey responses were received (70 paper surveys and 413 online). The margin of error of this sample size at a 95% confidence level is plus or minus 4.5%.

SUMMARY OF PUBLIC MEETINGS

Respondents commented that Duncanville values its park system and provided several comments they like about it:

- Well maintained
- Lakes, creeks, fishing piers
- Concerts in the parks
- Mature trees in parks
- Natural areas and open spaces
- Soccer and baseball fields
- Cleanliness
- Ease of access
- Walking trails
- The number and diversity of parks

Needs/Vision of the current park and open space system:

- Bike, walking and natural trails
- City-wide connected trail system
- Workout stations in parks and/or along trails
- Splash pad/splash park
- Upgrade senior center
- Dog park
- Expand handicapped access to parks
- More festivals/events
- Safe playground equipment
- Senior trips
- Indoor/outdoor pool
- Family activities at parks
- Expand existing recreation center

Citizens want the park system to foster community connectedness, lifetime fitness and highlight the natural environment.

CITIZEN SURVEY SUMMARY – KEY FINDINGS

MAINTENANCE

- Respondents feel the trails and parks are well maintained with most respondents rating maintenance as excellent or good.
- The parks, trails/greenbelts and the recreation center need some improvements as noted by the respondents.

RECREATION PROGRAMS

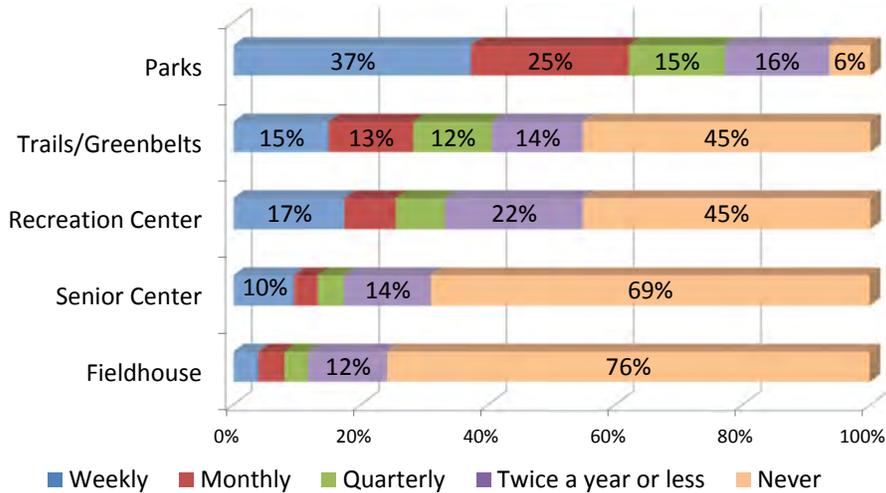
- There is interest for recreation programs among all age groups. The programs of most interest are: walking/hiking, festivals/concerts/events, fitness classes/events, arts and crafts and swimming programs.

PARK FACILITY PRIORITIES

- It is clear citizens want additional trail connections throughout the city with nature trails, greenway corridors and open spaces/natural areas also being a priority.
- Other top priorities were (in order of priority); dog park, additional benches/seating areas, natural trails/greenway corridors, spray ground/splash pad, and upgrades to the senior center.

FREQUENCY OF FACILITY USE

Parks and trails are used most frequently, followed by the Recreation Center and Senior Center.

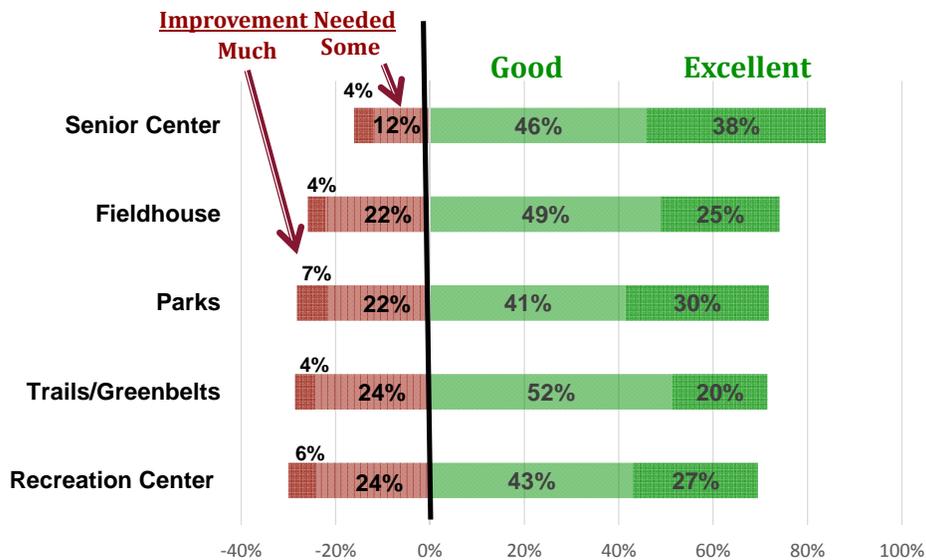


Percentages exclude "no answer" responses

Source: National Service Research, survey of 483 Duncanville Residents, March 2017

MAINTENANCE RATING OF FACILITIES IN DUNCANVILLE

- Most survey respondents rated facilities in Duncanville as good or excellent.
- Some improvement is needed in the Recreation Center (24%), parks (22%), trails (24%), fieldhouse (22%). 7% felt much improvement is needed in parks.

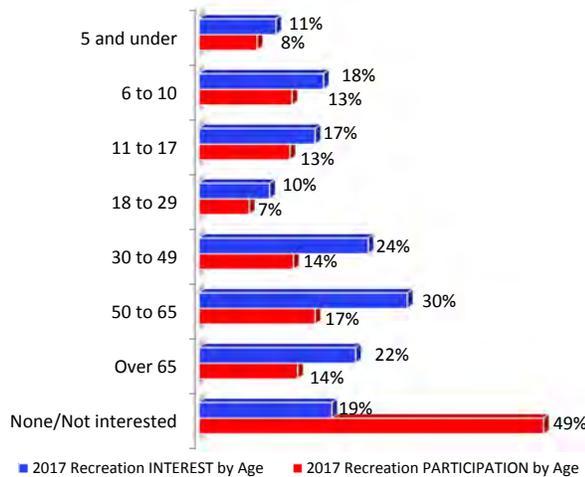


Percentages exclude "no answer" responses

Source: National Service Research, survey of 483 Duncanville Residents, March 2017

RECREATION PROGRAM PARTICIPATION PAST YEAR - INTEREST BY AGE

- There is more interest in programs in all age groups compared to the actual program participation within the past year.
- This indicates a demand for programs among all age groups.

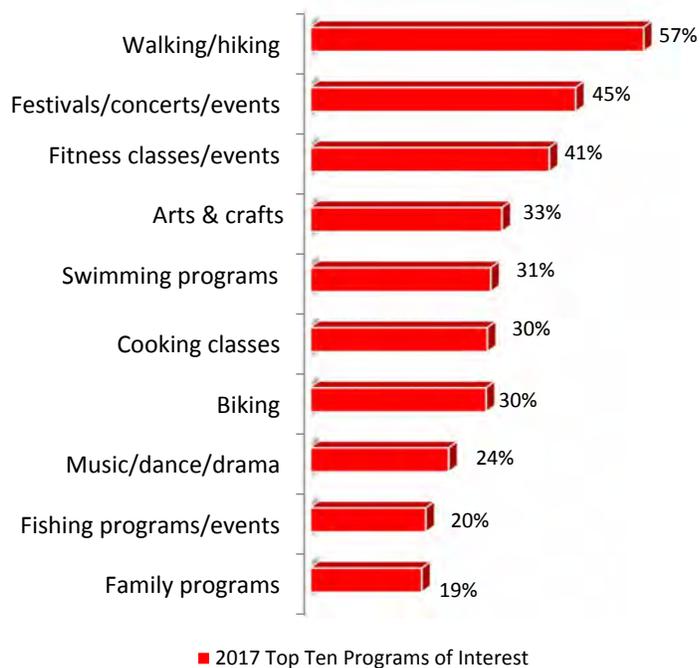


Source: National Service Research, survey of 483 Duncanville Residents, March 2017

RECREATION PROGRAMS OF MOST INTEREST

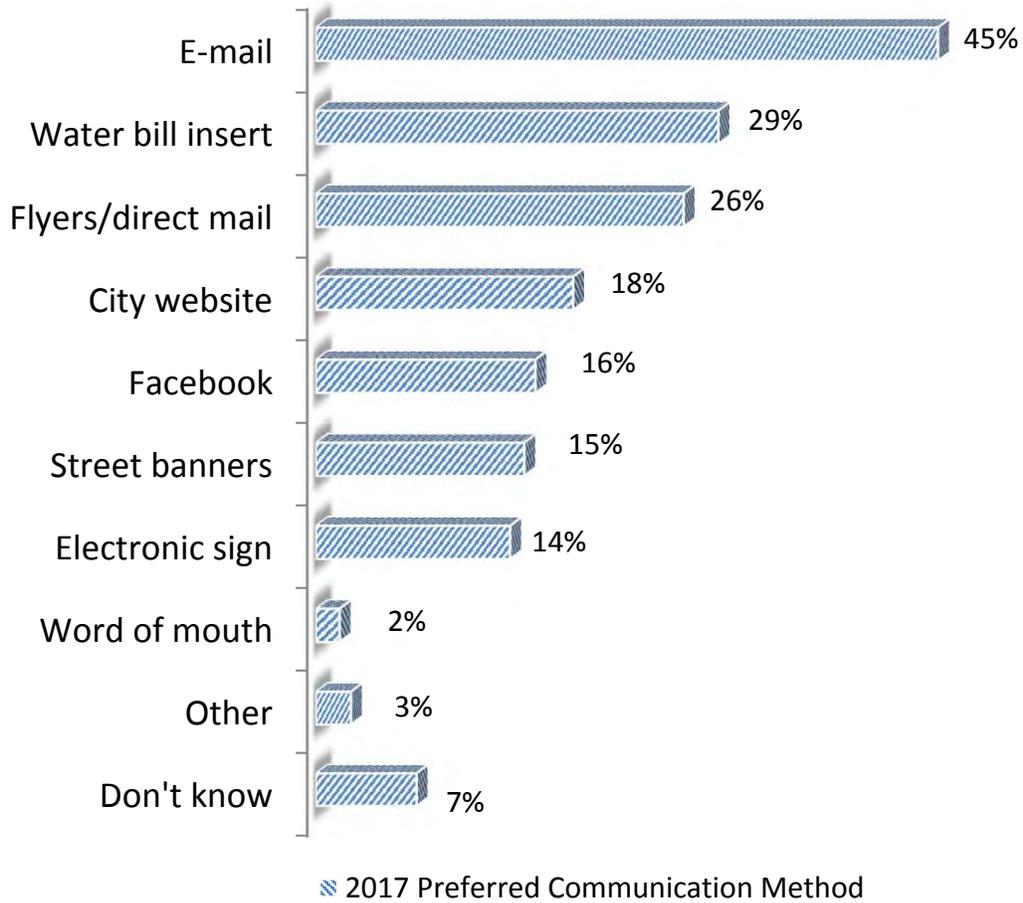
Top ten programs of most interest are presented in the chart below. Top mentions: walking/hiking, festivals/concerts/events, fitness classes/events, arts and crafts and swimming programs.

Tours/trips for seniors	18%
Computer learning programs	17%
Archery range	16%
Climbing wall	16%
Soccer	16%
Races (like 5k runs)	16%
Tennis	15%
Summer youth programs	14%
Parent/child programs	14%
Basketball	13%
Baseball	13%
Preschool/toddler programs	12%
Youth camps	11%
Softball	10%
Sand volleyball	10%
Horseshoes	9%
Disc golf	9%
Football	8%
Kickball	5%
Pickle Ball	4%
Rugby	1%
Lacrosse	1%
Other	8%
None/not interested	7%
No answer	6%



PREFERRED COMMUNICATION METHODS

The primary ways residents prefer to receive information related to Park and Recreation activities and programs is: e-mail, water bill inserts and flyers/direct mail.



MOST NEEDED ATHLETIC FACILITIES IN DUNCANVILLE

- Respondents were asked to rate the athletic facilities most needed in Duncanville.
- The mean score is a calculation of the 4, 3, 2, 1 scores excluding the don't know responses.
- The priority rank lists, in rank order, the respondents first, second and third most important athletic facilities.

Athletic Facility	4 Definitely Needed	3	2	1 Not needed	Don't know	Mean Score	PRIORITY RANK
Additional outdoor basketball courts	15%	13%	11%	13%	48%	2.57	1
Additional soccer fields	11	12	10	16	51	2.38	2
Additional tennis courts	9	11	13	14	53	2.32	3
Additional baseball fields	9	10	12	16	53	2.24	4
Additional softball fields	6	11	13	15	55	2.14	5
Football fields	6	10	12	18	54	2.08	6

MOST NEEDED RECREATION FACILITIES IN DUNCANVILLE

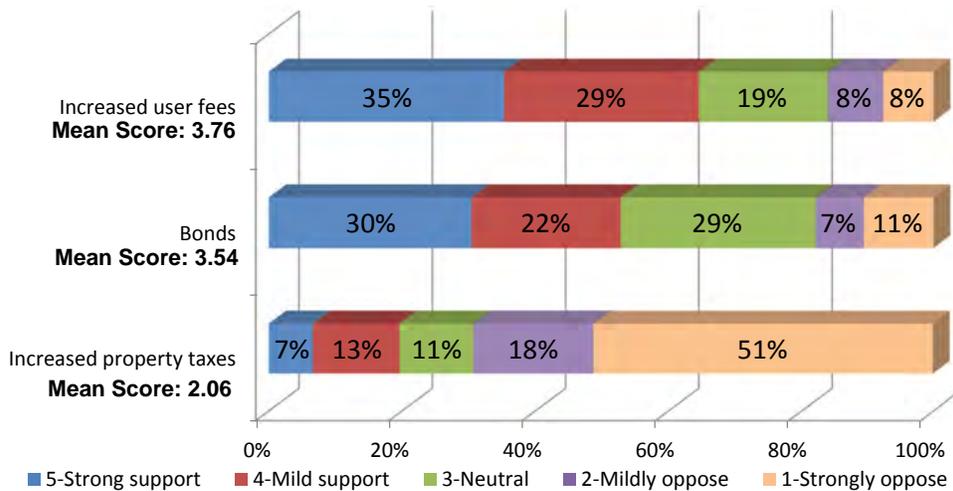
- Respondents were asked to rate the recreation facilities most needed in Duncanville.
- The mean score is a weighted calculation of the 4, 3, 2, 1 scores excluding the don't know responses.
- The priority rank lists, in rank order, the respondents first, second and third most important recreation facilities.

Recreation Facility	4 Definitely Needed	3	2	1 Not needed	Don't know	Mean Score	PRIORITY RANK
Additional walk/hike/bike trails with connections throughout the City	55%	17%	8%	5%	15%	3.43	1
Dog park	32	12	16	15	25	2.81	2
Additional benches/seating in parks	42	21	14	5	18	3.23	3
Additional nature trails/greenway corridors	42	24	12	5	17	3.25	4
Spray ground/splash pad	36	19	15	10	20	3.01	5

Recreation Facility	4 Definitely Needed	3	2	1 Not needed	Don't know	Mean Score	PRIORITY RANK
Upgrades to senior center	30	15	11	8	36	3.06	6
New indoor aquatic center	34	16	15	14	21	2.89	7
New outdoor aquatic center	32	17	15	14	22	2.86	8
Additional shaded playgrounds	36	21	17	6	20	3.08	9
Additional open space/natural areas	35	22	17	7	19	3.05	10
Additional picnic shelters/pavilions	30	25	19	6	20	2.98	11
Expand existing recreation center	27	15	15	15	28	2.75	12
Natural surface trails/tracks (for BMX, mountain biking, etc.)	24	14	22	12	28	2.71	13
Outdoor exercise equipment	25	19	16	14	26	2.74	14
Skate park	13	14	21	20	32	2.30	15
Disc golf	10	14	20	18	38	2.25	16
Updates to Fieldhouse	13	14	12	15	46	2.46	17

FUTURE FUNDING OPTIONS

- Residents support increased user fees and bonds to fund park and facility updates and/or expansions.
- Fewer residents supported increased property taxes as an option to pay for future park updates or additions.



Mean score calculations were made on the 1 to 5 scale excluding those who had no opinion
 Percentages exclude "no answer" responses

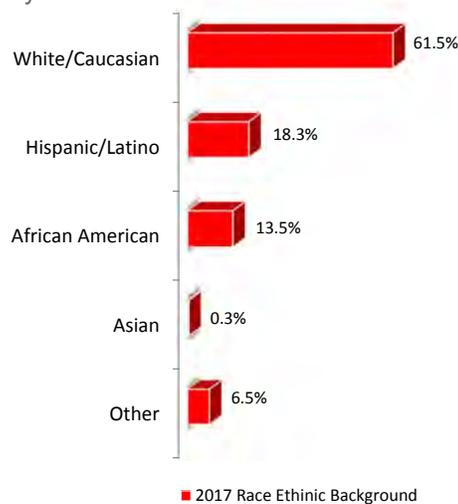
RESPONDENT DEMOGRAPHICS

- The typical respondent has lived in Duncanville 10 years, has a household size of 3 persons and is 53.9 years of age.
- 40% of households have children residing within their household.
- Age groups of children represented in the surveyed households:

0 to 5 years old	18%
6 to 10 years old	20%
11 to 13 years old	15%
14 to 18 years old	17%
No children in house	60%

- Head of household age of respondents:

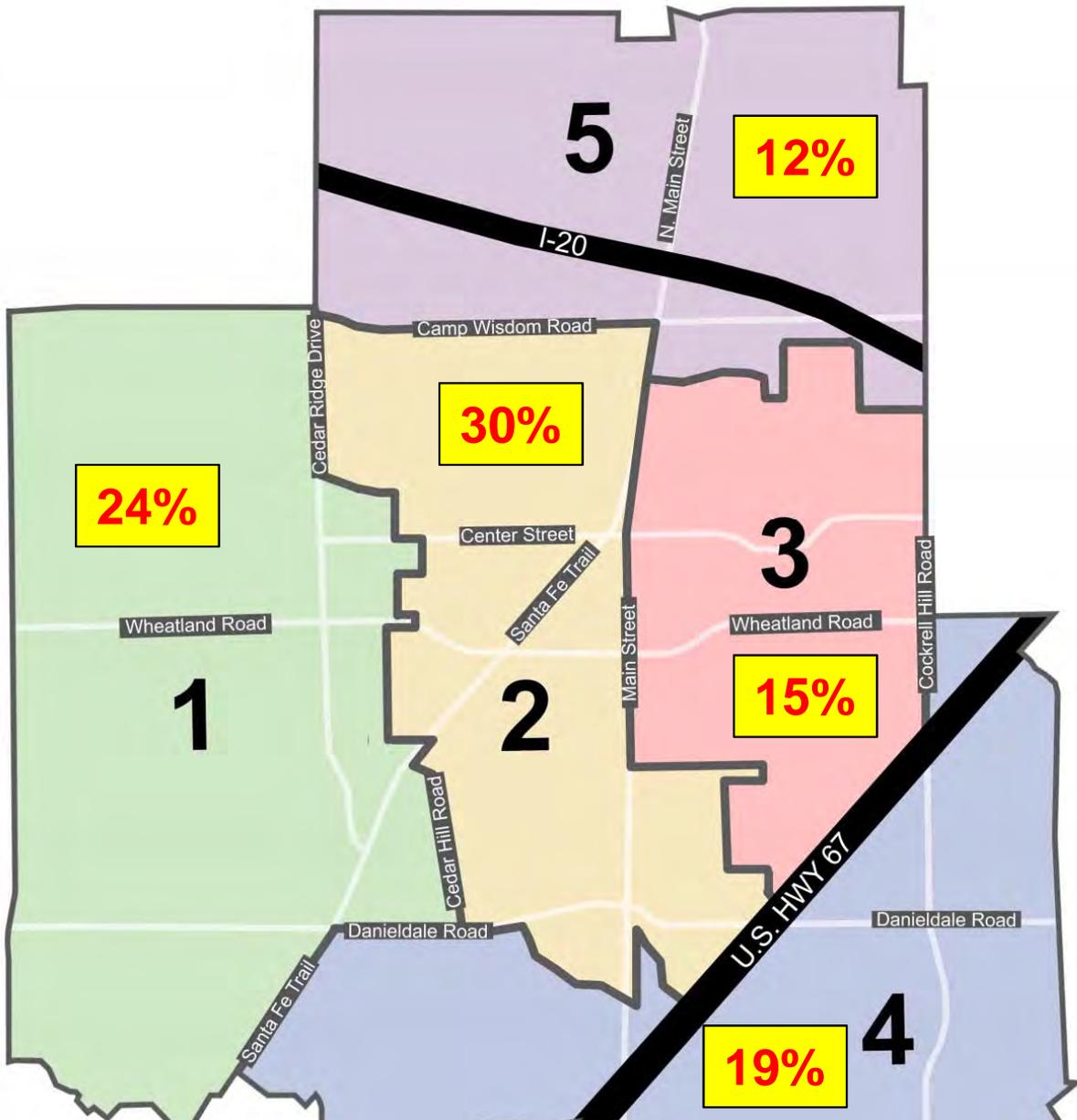
Under 35	12%
35 to 44	19%
45 to 54	18%
55 to 64	28%
65+	24%



- The age data is representative of the population of Duncanville
- 89% own their home and 11% rent.

RESPONDENT DEMOGRAPHICS

- The area highlighted in yellow represents the percentage of respondents living in each District.
- The geographic distribution of the respondents is representative of the city's population.



PRIORITY RANKINGS

SECTION

8



PRIORITY RANKINGS

Establishing clear priorities for the park system is foundational for guiding a successful Park Master Plan. This allows City leaders to understand the importance of annual budgeting and initiatives that will meet the needs throughout the Duncanville community. The priorities in this section are a result of incorporating the inventory of current resources, benchmarking outcomes, and citizen survey into a ranking of priority needs.

PROCESS FOR RANKINGS

At the completion of the citizen survey during the needs assessment phase, a method of ranking priorities was implemented. This method included using specific input from the citizen survey results, Park Board, City Staff, and the Dunaway team. The following weighted values were assigned to each:

1. **Citizen Input / Survey Results (50%)** – The specific needs and requests by the Duncanville community as tabulated from the citizen survey
2. **Park Board (20%)** – The specific parks and recreation needs in Duncanville as identified by appointed Park Board members
3. **Parks and Recreation Department Staff (15%)** – The specific needs as identified by staff based upon recreation programs and demands upon resources
4. **Dunaway Team (15%)** – The specific recommendations by the Dunaway planning team based upon assessing the unique needs of the Duncanville community, current park resources, demographic profile, and future demands for recreational resources.

The results of the priority ranking were tabulated into three categories: High Priority, Moderate Priority, and Low Priority. The table on the following page provides a summary of the priorities for Duncanville.

City of Duncanville Priority Rankings

Facility	High	Moderate	Low
1. Hike/Bike/Walk/Jog/Run Trails	●		
2. Benches/Seating	●		
3. Sprayground/Splashpad	●		
4. Nature Trails/Greenway Corridors	●		
5. Picnic Shelters/Pavilions	●		
6. Shaded Playgrounds	●		
7. Updates to Senior Center	●		
8. Outdoor Basketball Courts	●		
9. Dog Park	●		
10. Outdoor Exercise Equipment		●	
11. Expand Recreation Center		●	
12. Open Space/Natural Areas		●	
13. Updates to Fieldhouse		●	
14. Soccer Fields		●	
15. Indoor Aquatic Center		●	
16. Natural Surface Trails/Tracks			●
17. Outdoor Aquatic Center			●
18. Baseball Fields			●
19. Softball Fields			●
20. Skate Park			●
21. Football Fields			●
22. Tennis Courts			●
23. Disc Golf			●

IMPLEMENTATION

SECTION 9



IMPLEMENTATION

Duncanville has a mature park system that has successfully served the community for decades. But over time, much of the infrastructure in the parks has aged and exceeded its life cycle. Therefore, the biggest challenge will be prioritizing new capital dollars that will provide for needed park renovations, expansions, and new amenities. In order to achieve this, the Parks Department and City leaders will need to outline a strategy annually for funding capital improvements across the entire park system. To increase capital dollars, Duncanville has a tremendous opportunity to pursue a variety of other funding sources that would add to the City's financial resources. Some of the following sources can be part of the overall implementation plan.

FUNDING SOURCES

CORPORATE SPONSORSHIPS

This funding source comes from corporations that invest in the development or enhancement of new or existing facilities. Sponsorships are also successfully used for special programs and events.

FOUNDATIONS / GIFTS

This funding source comes from tax-exempt organizations who give donations for specific facilities, activities, or programs. These may include capital campaigns, fundraisers, endowments, sales of items, etc.

GENERAL FUND

This funding source is the primary means in providing for annual capital programs, improvements, and infrastructure upgrades.

GENERAL OBLIGATION BONDS

This funding source comes from bond programs approved by the citizens for capital improvements within the parks system.

GRANTS - TPWD OUTDOOR PROGRAM

This funding source comes from grants for the acquisition and development of outdoor recreational facilities.

GRANTS - TPWD RECREATIONAL TRAILS PROGRAM

This funding source comes from grants for the development of new trails or trail extensions.

GRANTS - TRANSPORTATION ENHANCEMENT (NCTCOG / TXDOT)

This funding source comes from grants for the development of new trails or trail extensions.

INTERLOCAL AGREEMENTS

This funding source comes from contractual agreements with other local units of government for the joint-use of indoor or outdoor recreational facilities.

NAMING RIGHTS

This funding source comes from leasing or selling naming rights for new indoor facilities or signature parks.

PARK DEDICATION FEE

This funding source comes from private developers who give land for public parks. This may include land along drainage corridors that can be developed for greenbelts and trails.

PARTNERSHIPS

This funding source comes from public/public, public/private, and public/not-for-profit partnerships.

PRIVATE DONATIONS

This funding source comes from private party contributions including funds, equipment, art, and in-kind services.

SALES / 4B TAX (½ CENT)

This funding source comes from a voter approved sales tax that goes toward parks and recreational improvements.

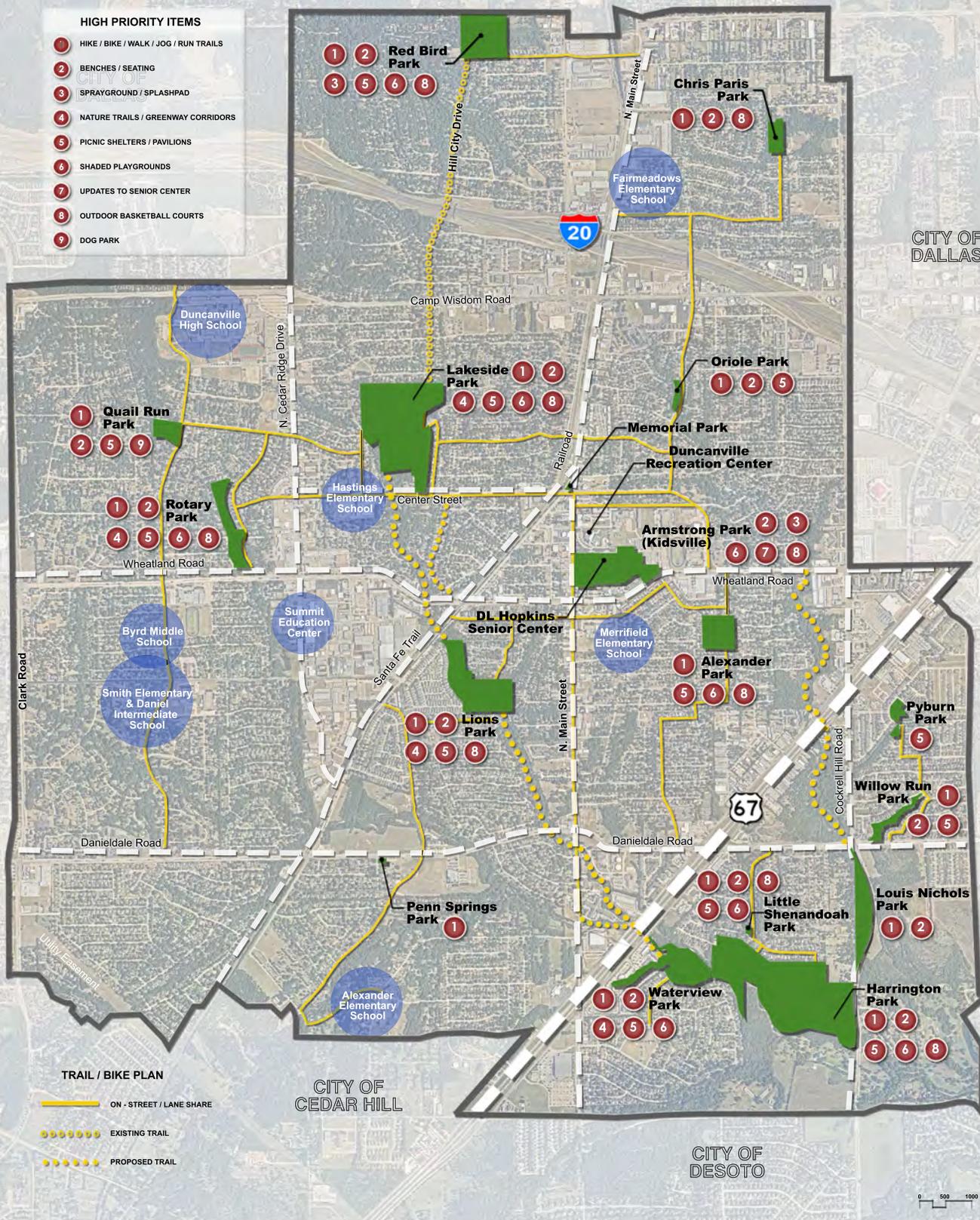
SPECIAL FUNDRAISERS

This funding source comes from annual fundraising efforts to help toward specific programs and capital projects.

VOLUNTEERISM / IN-KIND DONATIONS

This funding source provides indirect revenue support when groups or individuals donate time to help construct specific park improvements (signs, playgrounds, nature trails, etc.)

- HIGH PRIORITY ITEMS**
- 1 HIKE / BIKE / WALK / JOG / RUN TRAILS
 - 2 BENCHES / SEATING
 - 3 SPRAYGROUND / SPLASHPAD
 - 4 NATURE TRAILS / GREENWAY CORRIDORS
 - 5 PICNIC SHELTERS / PAVILIONS
 - 6 SHADED PLAYGROUNDS
 - 7 UPDATES TO SENIOR CENTER
 - 8 OUTDOOR BASKETBALL COURTS
 - 9 DOG PARK



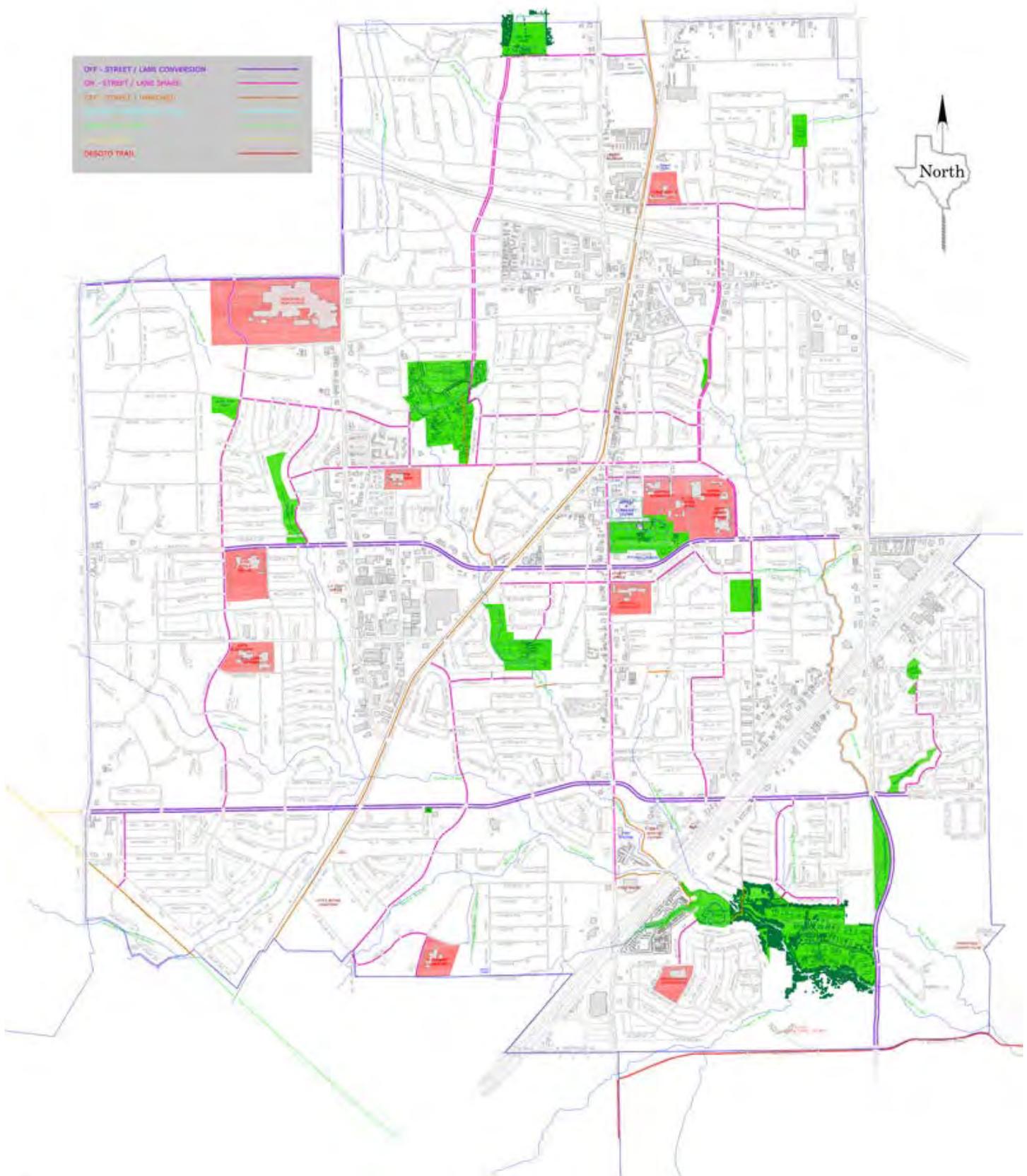
Duncanville Park Master Plan

Parks and Recreation Department

Parks Action Plan

December 2017 **DUNAWAY**

CITY OF DUNCANVILLE PROPOSED LOCAL BIKE PLAN



HIGH PRIORITIES BY PARK:

Alexander Park – New or expanded walkways, a new picnic shelter, new shade over the existing playground, new concession/restroom building, and a new basketball court

Armstrong Park – New benches, new sprayground/splashpad, redevelopment of Kidsville signature playground, updates to the Senior Center, and new basketball courts

Chris Paris Park – New or expanded walkways, new benches, park expansion if land available, and a new basketball court

Harrington Park – New loop trails, new benches, new picnic shelters, another playground area, expanded parking, new concession/restroom buildings, and a new basketball court

Lakeside Park – New trail loops, new benches, new nature trails in wooded areas, a new picnic shelter, new shade over the existing playground, and a new basketball court

Lions Park – New or expanded walkways, new benches, new nature trails in wooded areas, a new picnic shelter, new restroom building, and a new basketball court

Little Shenandoah Park – New walkways, new benches, a new picnic shelter, a new small playground, and a new basketball court

Louis Nichols Park – New walkways, and new benches

Oriole Park – New walkways, new benches, and a new picnic shelter

Penn Springs Park – New walkways

Pyburn Park – New picnic shelter

Quail Run Park – New loop trail, new benches, a new picnic shelter, and a new dog park

Red Bird Park – New or expanded walkways, new benches, new sprayground/splashpad, a new picnic shelter, new shade over the existing playground, and a new basketball court

Rotary Park – New trail loop, new benches, new nature trails in wooded areas, a new picnic shelter, new shade over the existing playground, parking, and a new basketball court

Waterview Park – New trails, new benches, new nature trails in wooded areas including a bridge to connect to Harrington Park, a new picnic shelter, and new shade over the existing playground

Willow Run Park – New or expanded walkways, new benches, and a new picnic shelter

TRAILS AND CONNECTIVITY

As was noted in the priority rankings, trails are the most popular and desired amenity within the Duncanville park system. And with opportunities for all ages and Texas' year-round favorable weather, trails will have daily users throughout the community. With a proactive plan for new and expanded trails, the following benefits will occur:

- The trail system will provide various experiences for youth and families. Some of these experiences can include scenic lookouts, nature observation areas, and unique rest points.
- The trail system will offer something for everyone, from the very young to the senior. Trails can allow citizens to explore different parts of the City, while also connecting neighborhoods, schools, parks and retail districts.
- The trail system can provide safe, accessible routes for children and others who are not traveling by automobile.
- The trail system can promote a healthy lifestyle by encouraging exercise in a variety of settings, whether by walking or through more strenuous activities such as running, cycling or rollerblading.
- The trail system can utilize street right-of-ways, utility easements, and drainage corridors while preserving natural resources.
- The trail system can generate create connections to surrounding cities and therefore support regional transportation goals

FUTURE TRAIL PLANNING

The City should embark upon a Citywide Trails Master Plan to outline the vision for all connectivity with Duncanville. The primary goal of such a Trails Master Plan will be to identify potential linkages from residential neighborhoods to schools, parks, civic destinations, and the variety of commercial areas throughout the city.

Developing a citywide Trails Master Plan can be bolstered by partnering with developers and public agencies. With careful planning, the City can be proactive in guiding development projects that can accommodate trail related improvements to serve a wide range of users. Some goals to be accomplished in the Trails Master Plan include:

1. **Interconnected System** - create an interconnected system of trails that allow for a hierarchy of connections throughout Duncanville
2. **Planned Access** - coordinating access to the trail system must be considered for all future planning and development projects
3. **Public Safety** - trails should provide safe access for walking and riding, with off-road and on-road strategies being utilized
4. **Department Coordination** - collaborating with each City department will ensure that trails are provided in a variety of City infrastructure projects
5. **City Identity** - trail segments/corridors can be themed to define certain districts, neighborhoods, or historic areas within the community
6. **Environmental stewardship** - trails can provide unique opportunities for access into natural habitat areas of the City, while promoting stewardship of natural resources
7. **Beautification** - trails and intersections can provide beautification to the physical appearance of Duncanville through architectural features, landscaping, and public art

APPENDIX



City of Duncanville – Park, Recreation and Open Space Master Plan
Public Meeting Notes
January 18 and 24, 2017 – 6pm to 7:30pm

1. What is the best thing about living in Duncanville?

January 18

Fine parks
Peace and quiet
Clean, beautiful, friendly
Size, well maintained, access to other areas/cities
Family oriented
Location; love being south and love the layout and people
Close knit community, trees, walking, biking
Small town atmosphere, low crime rates, very well maintained
Rural feel of many neighborhoods and small town environment.
Small town and family atmosphere
No traffic and great police and firemen
All the basketball courts
Convenient to major highways, entertainment and shopping, low property taxes, quiet and not congested
Trees and small town feel
War memorial needs to be maintained – needs more annual color
Location, small town feel
Metro location, streets, utilities, overall city maintenance
Friends, manageable traffic condition
Small town atmosphere with a great city staff and council representation
Size of the city

January 24

Mature trees, large yards, great community, nice parks
Quiet town with little to no problems as compared to Dallas
Quiet
Great people, little traffic, near Dallas
Small size
Affordable small town living that is near everything in DFW. I love the mature trees and large parks
Lovely trees, cost of living, neighbors
Mature beauty
Outdoor activities
Natural beauty of the topography
The community, knowing so many people after 45 years, many opportunities to participate
Open space and trees
Mature trees in neighborhoods
Away from the city, noise and pollution
Away from the smog in the metro area
It's not north of downtown Dallas
Schools, access to businesses, to have parks where alcohol is prohibited except for the Kimball Reunion when it is not enforced by the police department
Great neighbors, quiet, close to everything, housing values
The community spirit and wholesome atmosphere

2. What are the best things about the park system as it exists today that you want to make sure are preserved/maintained?

January 18

Keep up the good work
Staffing
Clean, neat, accessible
Multiuse Kidsville park (movies at the amphitheater, trails, etc.)
Multicultural programs
There are several parks here that make for nice places to spend some time
Trees, recreation programs for children
Water activities like a splash park
Kidsville is nice; we have some nice open spaces and landscapes
The upkeep is tops
They are kept up well
The lakes/creeks
Lakeside geese and ducks, recreation center and senior center
We live against Rotary Park where there are no amenities and not much activity. We like the status quo, the grass is kept mowed and it is quiet
Armstrong Park with community activities
Fishing piers at Waterview and Lakeside
Amount of parks
Doing a great job, many natural areas
Like the current parks, but would appreciate more maintenance, more facilities, especially sports for younger children
We have parks for future development for present and future citizens
Parks are maintained very well and add beauty to the city. Walking trail at Armstrong Park
Fishing at the local lakes

January 24

Parks mowed and maintained, concerts in the park
Update Kidsville, update the garden sections and standing water issues in Armstrong Park, promote more community events to increase usage, wifi in parks is a good addition
Safe and close
Parks and library
Children's playgrounds, pavilion at Lakeside, walking paths, outdoor auditorium
Most of the parks look kids of shabby; parks that aren't being used need to be repurposed into destination physical fitness places, better work out facilities
Concrete paths at Armstrong, Rotary Park is amazing with its green belt, the Lakeside Park pond is great, Waterview Park is a great addition
Well maintained, diversity—not everything is in one park, great open spaces
Trees
Signage, facilities, proximity of location to amenities
Update playground equipment, add a water feature park
Accessibility and walking trails
Keep the number of parks we have
Cleanliness
Soccer and baseball fields
Harrington Park baseball and soccer fields and landscaping
The quantity of parks, we have plenty, some could be closed due to location and use

Walking trails and picnic facilities, love the walking track at the recreation center, I walk there everyday

3. Are there things/issues that need to be addressed through the Master Plan or parks department?

January 18

Bike trails
A better senior center facility with longer/more hours
Gym in one park with workout stations
Efforts that will draw people to parks. Spotlight and take smaller versions of the big park programs to smaller ones.
Safety, lighting
Some parks like Lions Park need to be cleaned, keep the cars off the grass and do a better job of maintaining
Senior center updates
Soccer at Red Bird Park
Splash park
Need an improved maintenance plan to keep parks repaved and clean. Consider security, safety and better management
Too many empty buildings in the city
Better upkeep of Kidsville playground
Need splash park
Trails and lanes between parks and through parks
Trails, walking and work out stations, Heritage-historical signage at spots, bike-general city information maps.
Modernize senior center with therapy pool
Skate park
Development of Fieldhouse
Development of neighborhood park spaces, virtual reality interaction
Senior center Saturday hours to attract younger seniors plus programs like wine/beer tastings, and other activities
Larger recreation center, more rooms for classes/events. Cover the playgrounds in the summer

January 24

Recycle containers, emergency phone call stations, volleyball courts
Safe bicycle places, dog park or off leash dog area
Update Kidsville, need a dog park-Quail Run would be a good location, add splash park probably at Armstrong Park since it's a family park, more basketball courts
Places for pets so that they are contained, so they don't have to be on leashes, safe bike places
Need a senior gym at senior center and a closed swimming pool; existing gym by the library needs showers
Keep Lakeside Park pond clean and safe, rebuild docks with better railings
Connect the parks to downtown, kiosks for coffee, outdoor games, more grilling areas
Hike/bike trails that connect, work with DORBA to create mountain bike trails
More kid friendly places for families, picnic areas, recycle bins, splash pad
Need a water park, keep drugs and crime out
Trails for mountain biking
More shaded playground areas, night security at all parks
Need to update our parks especially Armstrong

Connect parks with bike trails, outdoor pool/water park
Do more for all of the community, not just small groups
What is the green space opposite Penn Springs Park earmarked for?
Why is the Park in Herrington used for Kimball Reunion when the park gets trashed and has alcohol usage during the reunion?
Maximize utilization of what we have, expand uses, attract more citizens
More litter control-people should take pride in keeping the parks clean for everyone

4. What do you want more if, less of, the same of?

January 18

More: Planning completed
Outside events like Blues in the Park
Neatness, cleanliness, water play station, dog park
Parking
Lighting
Sports (basketball, tennis, soccer, baseball, softball)
Trails with mile makers
Trails – maybe even between parks
Splash park, bike paths, golf field/practice
Bike trails
Senior trips
Walking paths, memorable bricks that are personalized
Water parks and running trails
Concerts, family events, pool
Splash pads, spray grounds or mini water park, shaded playgrounds
Water features
Mature features like splash pad that is a natural or classic style
Reasons to go to parks
Parking for Hamilton, lighted basketball courts
Bike trails, splash pads
Places to BBQ, fix basketball courts, adaptive parks for those with disabilities,
outdoor pool

Less: Sports fields
Chain link fence and more masonry walls
Tennis courts
Quiet parks like Waterview

Same: Keep the 17 parks
Walking paths, nature trails
Park with water features
Regular parks
Keep Rotary Park the same
Dirty restrooms,

January 24

More: bicycle and pet areas
More things for youth and families, better parking at Harrington, better restrooms everywhere

Pet safe places

- Exercise facilities
- Trips for seniors (cruises, other states, etc.)
- Play equipment for adults similar to that at the Summit in Grand Prairie, dog park
- Redo the creeks, better public running track, trails leading from downtown
- Playground pods like Trinity Park in Fort Worth, lighted soccer fields, better restrooms, more maintenance at all parks especially the restrooms
- Shaded picnic areas, dog park in contained area
- Trees
- Trails for mountain biking, clean parks
- Nature gardens, ponds and urban wildlife areas, bike trails, water park
- Lighted areas for walking, covered pavilions
- Workshops, concerts, fitness programs, after school and summer programs for school aged children
- Shaded benches, bike/walk trails
- Bike paths
- Enforcement of alcohol ordinance
- Dog park, disc golf, kite flying, bike trails, pavilions, exercise stops along trails
- Walking trails, mature trees, indoor pool at senior center

- Less: tennis courts, more connected bike trails
- Sports fields
- Basketball courts
- Access to Kimball Reunions in Harrington Park

Same: Competent park staff, active, involved, knowledgeable park board

5. What are your dreams, visions, desires, and needs for the park system moving forward?

- More physical work out opportunities for seniors
- Bike trails
- For parks to be equitable for all neighborhoods
- City-wide trail system
- Major upgrade to senior center as a destination not only for seniors for people at the park
- Bike paths, splash park, walking trails, senior sports within existing facilities
- To have it foster community connectedness lifetime fitness and highlight the natural environment.
- Meeting the needs of all ages
- A water fall type swimming area plus a dog park and climbing wall
- A water park would be awesome
- Bike riding areas
- We don't use the parks
- No bond election, city budget should support parks
- Multigenerational design, features that are natural looking but functional for children
- Working equipment in recreation center (need a maintenance contract), being responsive to citizen needs
- Indoor swimming pool/Jacuzzi
- Pickle ball Court
- Park for those with disabilities

January 24

Workout stations in Armstrong park
More events at parks like festivals and events that promote Duncanville pride
Area to ride a bike safely plus a dog park
Dog park, new Kidsville, splash park, outdoor basketball courts, therapeutic pool for seniors
Riding loop for bikes
More activity oriented parks, more open space, bike trails, improve library and gym, add showers at gym
Playgrounds, splash pad, picnic tables
Swimming pool (indoor/outdoor), splash pad
Splash pad and racquetball court
Trails that are connected, dog park
More areas for the entire family not just organized team activities
More mountain bike trails
To be better stewards of tax dollars
Bike paths, safe playground equipment, indoor walking track, splash park, natural hiking paths
Update and improve
Preserve beauty; promote community events to unite people
Diversity of activities, linking of parks via walking/bike paths
Link all parks with bike paths
I want the park system to be used for family activities, not beer busts and reunions
Water park
Senior trips, indoor pool at senior center

Round Table Notes – TRAILS

January 18

Workout stations (Lions, Kidsville)
Trail connectivity (connect parks on or at streets)
Dog park
Benches and shade
Water fountains
Restrooms
Wildflowers (preserve/add)
Trail markings/identification/signage (educational)
Security, safety, lighting
Pest control (Lakeside)
Lifetime fitness – biking/running distances
Regional connections to Joe Pool, Cedar Ridge Preserve, Cedar Hill State Park
Highlight natural environment – maintain creeks, escarpment
Lion's Park trail/road

January 24

Workout stations (like Armstrong), Lions, Redbird
Natural trail (potentially at Lakeside)
Pump track
Emergency phone
Trail markings
Wider/separated bike trails or shaded paths

Bike routes between parks
Recycle bins
Disc golf
Swimming pool
Security lighting

Round Table Notes – INDOOR FACILITIES / PROGRAMS

January 18

Recreation Center – need maintenance contract to keep workout equipment in working order
Senior Center – update, open on Saturdays,
Senior wet therapy
Senior exercise/physical activities/exercise equipment
Senior center – better physical activity classes/programs and more appealing equipment
Pickle ball program for seniors
Recreation center – more meeting rooms
Recreation center – cooking classes
Expand recreation center - create better connection with library
Climbing wall – add
Better and more parking at recreation center
Stand-alone facility for weddings/special events that has architectural elements/beauty
Connect senior center to recreation center
“Maker” spaces for classes (crafts, machining, computer, technology, etc.)
Indoor pool and Jacuzzi
Fieldhouse – upgrade – create innovative ideas to enhance use
Add recreation center at Quail Run

January 24

Senior center or near senior center – pickle ball, workout equipment and showers, indoor pool, concessions (snacks/drinks)
Indoor track
Walking programs/clubs
Skateboard park
Workout boot camps
Art/craft classes (knitting, woodworking, sewing)
Exercise classes – general fitness, Zumba
Theater room (movies/plays)
Tours/trips/museum trips for seniors
Square dancing, line dancing, ballroom dancing classes, tap classes
Racquetball courts
Fieldhouse – better use of facility – add workout classes
Computer classes
Need activity guide app (program schedules, park locations, etc.)
What are private providers offering that senior and recreation center can partner on
Indoor swimming classes
Add a gym
Ice rink – partner with facility in Duncanville
Arcade

Round Table Notes – SPORTS

January 18

Lifetime involvement (trails, fitness, etc.)
Outdoor basketball needs upgrades
Need concession stands
Ultimate Frisbee/extreme sports
Upgrades to restrooms or new ones
Bob Knight facility use? City involvement?
Sand volleyball – need more

January 24

Sports fields need upgrades (shade for spectators, bleachers)
No football fields other than schools
Local use versus outside users
Running track, biking track
Skate park / Park Core
Basketball courts (outdoor) with seating
Disc golf

Round Table Notes – OUTDOOR PARK/LEISURE/SPECIAL USE

January 18

WiFi at parks
Fence/security at Kidsville
Fitness equipment
Shade on playgrounds and picnic tables/pavilions
Adaptive inclusive play
Playground safety
Dog park
Skate park
Spraygrounds (with musical elements)
Trail connectivity throughout system
Keep/improve War Memorial
Native play/colorful equipment
Park identity/theming throughout system
Resurrect Kidsville (rocks/boulders too)
Design parks with security in mind
Consider insects/rodent control
Litter control (beer bottles)
Lighting

January 24

Dog park
Playgrounds – more and newer
More shade structures
Bike trails/walking loops
Free libraries in parks kiosks
Railing on docks at Lakeside
Basketball courts
Outdoor pool
Croquet/bocce course



Dear Resident,

The City of Duncanville strives to provide quality parks along with active and passive recreational opportunities for all citizens of Duncanville. The City is in the process of updating the Parks, Recreation and Open Space Master Plan. We are asking for input from residents through the use of a needs assessment survey to assist with developing priorities for the Master Plan. Your specific answers will be completely anonymous, but your views, in combination with those of others, are extremely important. Should you have any questions about the survey or its results, please feel free to let me know. We ask that one survey be completed per household.

Sincerely,
Bart Stevenson, Director of Parks and Recreation

City of Duncanville Parks and Recreation Citizen Survey

1. Within the past year, how often has someone from your household visited or used the facilities listed below in Duncanville?

(Check one answer for each park/facility)

Park/Facility	At least weekly	At least monthly	At least quarterly	Twice a year or less	Never
Parks in Duncanville	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Recreation Center in Duncanville	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Senior Center	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Fieldhouse	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Trails/Greenbelts in Duncanville	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5

2. How would you rate the overall maintenance of: *(Check one answer for each park/facility)*

Park/Facility	Excellent	Good	Needs Some Improvement	Needs Much Improvement	Don't know/ Not Familiar
Parks in Duncanville	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Recreation Center in Duncanville	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Senior Center	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Fieldhouse	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Trails/Greenbelts in Duncanville	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5

3. Within the past year, what age groups in your household have participated in a City of Duncanville Recreation or Leisure program?

(Check all that apply)

- 1 Under 5 years of age
 3 11 to 17
 5 30 to 49
 7 Over 65
 2 6 to 10
 4 18 to 29
 6 50 to 65
 8 None

4. Which age groups in your household would be interested in participating in a City of Duncanville Recreation or Leisure Program? *(Check all that apply)*

- 1 Under 5 years of age
 3 11 to 17
 5 30 to 49
 7 Over 65
 2 6 to 10
 4 18 to 29
 6 50 to 65
 8 None

5. Which of these programs would you and your household members (of any age) be MOST INTERESTED in participating?

(Check all that apply)

ACTIVITIES, EVENTS AND PROGRAMS OF MOST INTEREST			
01 <input type="checkbox"/> Baseball	11 <input type="checkbox"/> Football	21 <input type="checkbox"/> Fishing programs/events	31 <input type="checkbox"/> Festivals/Concerts/Events
02 <input type="checkbox"/> Basketball	12 <input type="checkbox"/> Kick ball	22 <input type="checkbox"/> Computer learning programs	32 <input type="checkbox"/> Arts & crafts
03 <input type="checkbox"/> Softball	13 <input type="checkbox"/> Sand Volleyball	23 <input type="checkbox"/> Cooking classes	33 <input type="checkbox"/> None/not interested
04 <input type="checkbox"/> Soccer	14 <input type="checkbox"/> Climbing wall	24 <input type="checkbox"/> Preschool/Toddler programs	34 <input type="checkbox"/> Other
05 <input type="checkbox"/> Rugby	15 <input type="checkbox"/> Swimming programs	25 <input type="checkbox"/> Youth camps	
06 <input type="checkbox"/> Disc golf	16 <input type="checkbox"/> Races (like 5k runs)	26 <input type="checkbox"/> Summer youth programs	
07 <input type="checkbox"/> Biking	17 <input type="checkbox"/> Walking/hiking	27 <input type="checkbox"/> Parent/Child programs	
08 <input type="checkbox"/> Pickle Ball	18 <input type="checkbox"/> Archery Range	28 <input type="checkbox"/> Family Programs	

09 <input type="checkbox"/> Lacrosse	19 <input type="checkbox"/> Horseshoes	29 <input type="checkbox"/> Tours/trips for seniors	
10 <input type="checkbox"/> Tennis	20 <input type="checkbox"/> Fitness classes/events	30 <input type="checkbox"/> Music/dance/drama	

6. What is your PREFERRED method(s) for receiving information related to Parks and Recreation activities and programs in Duncanville?

(Select top TWO answers)

- 1 Electronic Sign 3 E-mail 5 City web site 7 Facebook 9 Don't know
 2 Street Banners 4 Flyers/direct mailers 6 Water bill insert 8 Word of Mouth 10 Other _____)

7a. Athletic Facility Needs - Which athletic facilities listed do you feel are MOST needed in Duncanville parks?

(Rank each facility on a 4 point scale, 4 is definitely needed and 1 is not at all needed. Select one answer for each)

	<i>Athletic Facility Needs</i>	<u>4</u> Definitely Needed	<u>3</u>	<u>2</u>	<u>1</u> Not at all Needed	No Opinion Not Familiar
A (1)	Additional baseball fields	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1	<input type="checkbox"/> 5
B (2)	Additional outdoor basketball courts	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1	<input type="checkbox"/> 5
C (3)	Football fields	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1	<input type="checkbox"/> 5
D (4)	Additional soccer fields	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1	<input type="checkbox"/> 5
E (5)	Additional softball fields	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1	<input type="checkbox"/> 5
F (6)	Additional tennis courts	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1	<input type="checkbox"/> 5
G (7)	Other (specify:)	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1	<input type="checkbox"/> 5

7b. Which THREE athletic facilities above are the MOST important to you for the Parks and Recreation Department to focus on within the next five years? (Write in the letter to the left of the facility in the blanks) 1st _____ 2nd _____ 3rd _____

8a. Park Facility Needs - Which park facilities listed do you feel are MOST needed in Duncanville parks?

(Rank each facility on a 4 point scale, 4 is definitely needed and 1 is not at all needed. Select one answer for each)

	<i>Park Facility Needs</i>	<u>4</u> Definitely Needed	<u>3</u>	<u>2</u>	<u>1</u> Not at all Needed	No Opinion Not Familiar
A (1)	Additional benches/seating in parks	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1	<input type="checkbox"/> 5
B (2)	Additional hike/bike/walk/jog/run trails with connections throughout the City	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1	<input type="checkbox"/> 5
C (3)	Natural surface trails/tracks (for BMX, mountain biking, etc.)	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1	<input type="checkbox"/> 5
D (4)	Additional nature trails/greenway corridors	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1	<input type="checkbox"/> 5
E (5)	Additional open space/natural areas	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1	<input type="checkbox"/> 5
F (6)	Additional picnic shelters/pavilions	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1	<input type="checkbox"/> 5
G (7)	Additional shaded playgrounds	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1	<input type="checkbox"/> 5
H (8)	Expand existing recreation center	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1	<input type="checkbox"/> 5
I (9)	Updates to Senior Center (exercise equipment, therapy pool, enhance connection with recreation center)	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1	<input type="checkbox"/> 5
J (10)	Updates to Fieldhouse (create innovative ideas to enhance use)	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1	<input type="checkbox"/> 5
K (11)	Dog park	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1	<input type="checkbox"/> 5
L (12)	Skate park	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1	<input type="checkbox"/> 5
M (13)	Spray ground/splash pad (outdoor park with spray features for all ages)	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1	<input type="checkbox"/> 5
N (14)	Disc golf	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1	<input type="checkbox"/> 5
O (15)	New <u>outdoor</u> aquatic center (leisure water/therapeutic with lap/sport/competition pool)	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1	<input type="checkbox"/> 5
P (16)	New <u>indoor</u> aquatic center (leisure water/therapeutic with lap/sport/competition pool)	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1	<input type="checkbox"/> 5
Q (17)	Outdoor exercise equipment (work out stations in parks)	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1	<input type="checkbox"/> 5

R ₍₁₈₎	Other needs - specify:	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1	<input type="checkbox"/> 5
S ₍₁₉₎	Other needs - specify:	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1	<input type="checkbox"/> 5

8b. Which **THREE** park facilities/amenities above are the **MOST** important to you for the Parks and Recreation Department to focus on within the next five years? (Write in the letter to the left of the facility in the blanks) 1st _____ 2nd _____ 3rd _____

Duncanville currently funds parks, facilities, recreation programs and capital expenses by utilizing recreation user fees, taxes, grants, bonds, etc. The City diligently pursues grants and other funding sources to help fund new parks and facilities, however additional funding is needed to maintain and build new parks and facilities.

9. How strongly do you support EACH option to fund NEW PARKS AND FACILITIES AND/OR ADDITIONS TO EXISTING PARKS AND FACILITIES? (Circle one answer for each option)

<i>Funding Support – New or Expanded Parks/Facilities</i>	Strongly support	Mildly Support	Neutral	Mildly Oppose	Strongly Oppose
Increased user fees (<i>pool fees, program fees, etc.</i>)	<input type="checkbox"/> 5	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1
Bonds	<input type="checkbox"/> 5	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1
Increased property taxes	<input type="checkbox"/> 5	<input type="checkbox"/> 4	<input type="checkbox"/> 3	<input type="checkbox"/> 2	<input type="checkbox"/> 1

The demographic characteristics are extremely important to ensure we receive a representative sampling of resident opinions, but optional to answer.

10. How long have you been a resident of Duncanville? (Check one answer)

- 1 Less than 2 years 2 2 to 5 years 3 6 to 10 years 4 11 to 20 years 5 Over 20 years

11. Which age groups are represented in your household? (Check all that apply)

- 1 0 to 5 years of age 3 11 to 13 years of age 5 No children in household
 2 6 to 10 years of age 4 14 to 18 years of age

12. How many persons, including yourself, reside within your household?

- 1 One 2 Two 3 Three 4 Four 5 Five 6 Six or more

13. Your age? 1 Under 18 3 25 to 34 5 45 to 54 7 65 to 74
 2 18 to 24 4 35 to 44 6 55 to 64 8 75+

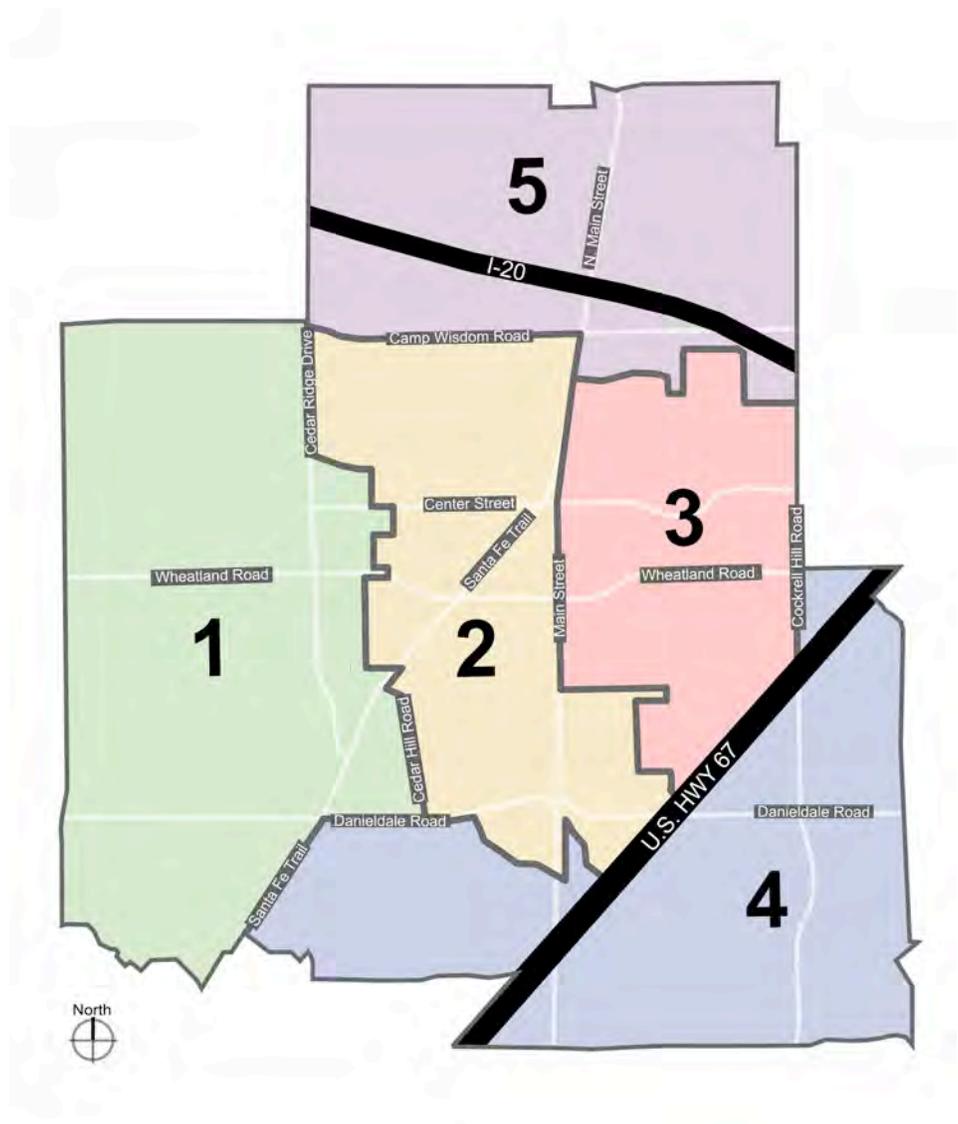
14. Do you own or rent your home? 1 Own 2 Rent

15. What is your race/ethnic background?

- 1 White/Caucasian 3 Latino/Hispanic 5 Other race
 2 Black/African American 4 Asian

16. In which district of Duncanville do you presently reside? (Check one answer)

- 1 District 1 - South of Camp Wisdom/West of Santa Fe Trail
 2 District 2 - South of Camp Wisdom/West of Main/East of Cedar Hill/Cedar Ridge
 3 District 3 - South of Camp Wisdom/West of Cockrell Hill/East of Main
 4 District 4 - South of Hwy 67
 5 District 5 - North of Camp Wisdom



17. Additional information or comments you would like to bring to the Park and Recreation Department's attention.
(Write in response)
