



CITY OF JERSEY VILLAGE, TEXAS

RECREATION & EVENTS COMMITTEE NOTICE OF A MEETING

October 7, 2020 at 5:30 p.m.
Civic Center Auditorium
16327 Lakeview Dr. Jersey Village, TX 77040

AGENDA

1. **Call to order**
2. **Approve Minutes from 09.16.2020**
3. **Citizen comments**
Any person who desires to address the Recreation & Events Committee regarding an item on the agenda will be heard at this time. In compliance with the Texas Open Meetings Act, unless the subject matter of the comment is on the agenda, the City staff and Committee Members are not allowed to discuss the subject. Each person is limited to five (5) minutes for comments.
4. **Items for individual consideration**
 - a. Master Plan Update *Robert Basford*
 - b. Youth Committee Member Application *Joshua Rodrigue*
5. **Staff briefings**
 - a. Parks and Recreation Updates *Staff*
 - b. Committee description Update *Robert Basford*
6. **Future agenda Item request**
7. **Next Meeting date**
8. **Adjournment**

I, Robert Basford, Parks and Recreation Director, City of Jersey Village, do hereby certify that the foregoing notice was posted in a place convenient to the general public at City Hall on the 30th day of September at 11:00am.

Robert Basford
Parks and Recreation Director

In compliance with the Americans with Disabilities Act, the City of Jersey Village will provide for reasonable accommodations for persons attending public meetings. Request for accommodations must be made to the Parks Administrative Secretary by calling 713-466-2174 forty-eight (48) hours prior to the meetings.

"Pursuant to Section 30.06, Penal Code (trespass by license holder with a concealed handgun), a person licensed under Subchapter H, Chapter 411, Government Code (handgun licensing law), may not enter this property with a concealed handgun."

"Pursuant to Section 30.07, Penal Code (trespass by license holder with an openly carried handgun), a person licensed under Subchapter H, Chapter 411, Government Code (handgun licensing law), may not enter this property with a handgun that is carried openly."

Notice removed ____ day of October, 2020

RECREATION AND EVENTS COMMITTEE
MINUTES OF MEETING
September 16, 2020

Call to Order

Doris called the meeting to order at 5:34 pm

Approval of Minutes

Ashley motioned, David seconded approval of minutes

Citizen Comments

No citizens comments

Items for individual consideration

- a. Master Plan Update: Mentioned Robert's introduction to the PMP and opened a discussion for how to construct a town hall meeting during COVID-19. Purpose is to get as much feedback as possible from residents. How it could look using poster boards as a way for residents to vote for amenities, Discussion of doing it over a few days with multiple presentation pre-set times and take some reservations spread out throughout the day. Recording the presentation for individuals who can't make any of the in person presentation times. There is potential to have the presentation. Permanent boards at parks for info and comments. More survey responses, QR codes on signs at parks to the survey. Looking for more surveys from now until election, looking to schedule live presentation, reservation based presentations with back and forth banter for Q&A. Scheduling Town Hall Meetings here soon. Potentially after election. Will report on QR codes and town hall meetings for next meeting. David had a concern about parks on the west side of town, worried parks will be vandalized. Making sure we use complete apartment complexes. It was mentioned that surveys could be placed at the apartment complexes.
- b. Committee Descriptions: Mention and review of descriptions. Highlighted changes in green attached. Discussed lengths of terms for seats. Robert brought up thoughts to merge more into a parks and rec advisory committee as opposed to just a recs and events committee. Reappointment on Monday was discussed along with the effective date of Oct1st. Discussed that the terms for Junior Members were updated to 6 months. Members expressed concern about moving to only advisory committee and less hands on involvement. Verbiage was added to duties to allow the committee to still have the opportunity of hands on opportunity as desired, ensuring that committee members are involved in all aspects of the events

Staff briefings

Parks:

Gateways: Substantial walkthrough was held, punch list was created, and substantial was not given. Another substantial walkthrough will be scheduled in the near future. Phase two meeting was held to discuss traffic study and concerns with each sign location concerning placement, potential barriers, and additional conversation/meetings to come. Question was asked about how many gateway signs were operational and it was reported that the sign by the Fire Department is operational.

Shade Structures at Carol Fox Park will be installed this month: Splash Pad required an additional study involving flood plain (which has been completed) and the manufacturing will start next week. Install schedule coming in the next month

Recreation:

Still experiencing covid-19 challenges.

No fall festivals. Hoping for Christmas festival. For October opening up food truck Friday's. Food truck will be set up for a leisure visit or any park goers. No formal event just providing an opportunity for park goers. Trunk or treat will not take place but the haunted house is a maybe. Double feature drive in movie for October. Using a FM transmitter, Screen will be set up and cars will be limited, we will have a test private showing with committee members and city staff. Tree's may be donated by CenterPoint for arbor day and we will look to hosting a tree giveaway for residents.

Famers market moving to twice a month starting in October. First and Third Sunday of that month. Considering a day camp over Christmas break if feasible. Successful pool season and unfortunately we came up \$400 dollars short. Discussion of potential water amenities for next year, rock wall concerns and considerations will be discussed later. Mentioned possible plans to remove diving board over insurance costs and safety concerns.

Christmas Holiday in the Village event contingency plans and potential vendor issues if we decide to prepare for last minute. Possible Christmas in July was also mentioned.

Resident Asked about swings at which park and if we could consider the expression swing. More picnic tables at Clark Henry near where we would have food trucks near splash pad.

Future agenda items request: no requests

Adjournment: Motion made to adjourn meeting by David. Motion seconded by Norah. Motion passed. Meeting adjourned 7:00pm

Jersey Village

Parks Masterplan 2020
DRAFT

CITY OF Jersey Village, TEXAS

Parks Master Plan 2020

Acknowledgements

Mayor & City Council

Andrew Mitcham, Mayor
Drew Wasson, Place 1
Greg Holden, Place 2
Bobby Warren, Place 3, Mayor Pro Temp
James Singleton, Place 4
Gary Wubbenhorst, Place 5

City Administration

Austin Bleess, City Manager

Parks and Recreation Department

Robert Basford, Parks and Recreation Director
Josh Rodrigue, Recreation and Events Coordinator
Dennis Taylor, Facility Maintenance Manager
Mitch Symons, Parks Supervisor
Terry Brunskill, Administrative Secretary
Richard Flores, Golf Course Superintendent
Matt Jones, Head of Golf Operations
Jennifer Johnson, First Assistant Golf Pro

Recreation and Events Committee

Doris Michalak
Terry Brunskill
Bob Blevins
James Singleton
Josh Rodrigue
Ashley Brown
David Leck
Nora Hahn
Travis Coggin

Production Team

Charles Burditt, Resource Planner
Paul Howard, Planner/GIS, Project Manager
Shirley Li, Associate Planner
Claudia T Walker, PLA, LI, ASLA
Glenn Cox, ASLA
Agustin Lopez Garcia, Landscape Architecture Intern
Callie Whitbeck, Landscape Architecture Intern





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GREEN INFRASTRUCTURE

The Value of Greenspace
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CAPITAL IMPROVEMENT PROJECTS

Park Improvements
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Indoor Recreation

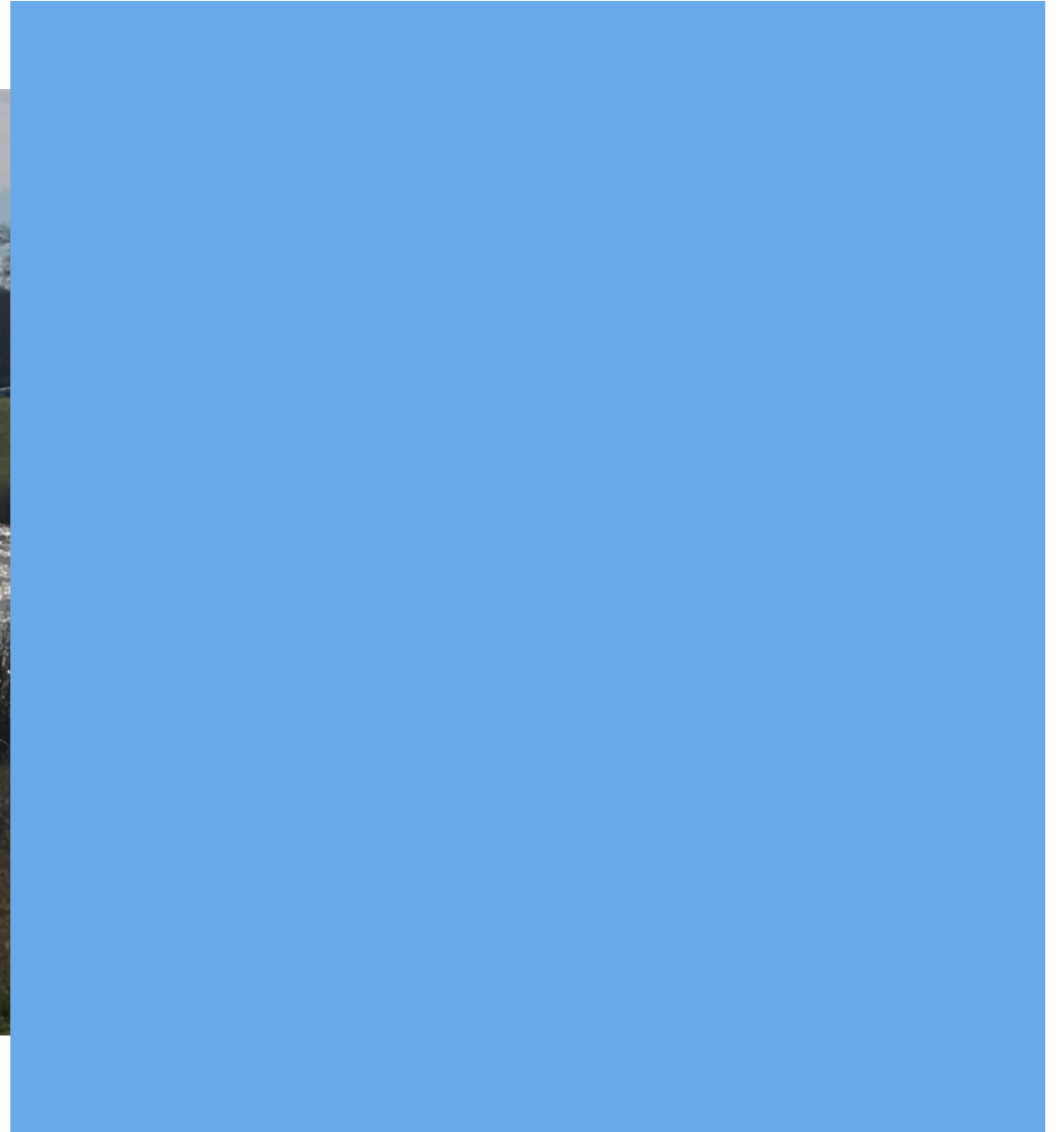


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INTRODUCTION | VISION



Planning Process
Planning Strategies
Methodology
Summary of Priorities

EXECUTIVE SUMMARY

Introduction

The City of Jersey Village's *Parks and Recreation Master Plan* is a working document that serves as a guide for improvements to the City's parks system. The plan seeks to address the need to continue to provide the parks and recreation facilities and programs that have made Jersey Village such a desirable place to live. Additionally, the plan should identify opportunities to enhance public space for events, connectivity and overall quality of life.

The Planning Process

The Plan is designed as a tool to assist City Staff and Elected Officials in providing the community with the parks, facilities, and programs they want and need. The Plan takes inventory of existing parks and facilities provided by the City, as well as those provided by other public entities, private organizations, and private service providers.

Upon completion of the inventory, a series of studies and outreach efforts are conducted to identify the current recreation behaviors and trends in Jersey Village, and what types of parks and facilities are desired by residents. These needs are then compiled into a list of Priority Projects for consideration.

The Priority Projects are proposed capital improvements for the community that provide recreation and public space opportunities based on priorities identified through stakeholder involvement, national and local standards and trends, and available resources such as land, funding, partnership opportunities. Each Priority Project is developed into a concept drawing that illustrates the vision for the park or facility, and is accompanied by an Opinion of Probable Cost (OPC) for design and construction.

Planning Strategies

The City of *Jersey Village Comprehensive Plan 2016* identifies parks, recreation and green space as key components to the overall livability and quality of life for residents and visitors in Jersey Village. The following park and recreation planning goal and strategies established in the Comprehensive Plan have been adopted for this plan document:

Goal:

Enhance and Expand Parks, Open Spaces, Trails, and Recreational Opportunities and Experiences

Strategies:

- Explore expanded recreational opportunities.
- Update existing parks and open spaces.
- Develop strategic partnerships among schools, community groups, businesses, and individuals in order to maximize resources and opportunities.
- Encourage programs and events that engage the community.
- Improve maintenance of parks and open spaces.
- Increase community connectivity.

Methodology

The Parks and Recreation Master Plan was developed using a three-fold technique that follows general methodologies accepted by TPWD for local park master plans and by the Department of the Interior for local park system Recovery Action Plans (RAP). The following approaches were implemented:

1. Standard-Based Approach – uses standards established by the City to determine the quantity of park facilities required to meet the City's needs a given population. Standards are usually expressed as the quantity of park facilities needed to adequately serve every 1,000 citizens of the City.

Standards are established to provide the level of service that the City believes is most responsive to the amount of use and interests of its citizens. This plan establishes individual standards for the City.

As national guidelines and standards are based on demographic trends rather than specific local desires, they must be fine-tuned to meet local conditions. It is important to recognize that national standards are simply guidelines or benchmarks that are intended to serve as a starting point for park planning. Each city has its own unique geographic, demographic, and socio-economic composition, and as such, plan recommendations must consider local needs and demand.

2. Demand-Based Approach – uses public meetings, participation rates, and surveys to determine how much the population uses and desires certain types of recreation facilities.

3. Resource-Based Approach – is based on the usefulness of available physical resources to provide recreation opportunities. For example, the City’s street rights-of-way, floodplains, and drainage corridors provide opportunities for trail connections.

All three methods are important in their own manner, but individually do not represent the entire picture. The assessment component of the project utilizes all three methods to determine what types of recreation facilities and park requirements are needed.

Typical assessments evaluate Level of Service (LOS). While this is important, we believe it is also critical to also understand and evaluate the Quality of Service. Quality of Service evaluation requires intense community involvement and yields critical information of how the facility or park amenity is performing according to the expectations of citizens overall. Quality of Service is most easily identified through conversation. Engaging park users is the most direct method of understanding the user experience for a given facility.

Inventory and Analysis

The inventory phase includes inspection of the City’s existing parks and recreation facilities to determine overall condition, maintenance needs, and opportunities for additions/improvements. Observations of site, equipment and facility conditions are noted.

In addition to the City’s facilities, recreational facilities provided by other entities are noted to identify service gaps, duplication of service and to gather a complete picture of recreation in Jersey Village.

Summary of Priorities

To prioritize recreation needs for the City of Jersey Village, the planning team evaluated standards and trends in the regions, stakeholder input from an online survey, staff input, elected leadership, and the Recreation and Events Committee. This information was used to identify priority projects for consideration. These priority projects include improvements to existing parks and facilities and opportunities for additions to the parks system. The following findings have supported these recommendations:

Level of Service:

- 79.1% of residents live within a 10-minute walk of a park.
- Significant service gaps in achieving the goal of having everyone live within a 10-minute walk of a park are found in the northwest portion of the City, west of Jones Road.

- Jersey Village provides 6.51 acres of park land per 1,000 residents. The National Recreation and Park Association (NRPA) recommends cities to maintain at least 6.5 to 10.5 acres per 1,000 residents, with the typical agency across the Nation offering 9.9 acres per 1,000 residents.
- The top five recreation amenities provided by other entities in and around Jersey Village include: 1. Trails, 2. Baseball/Softball Fields, 3. Soccer/Football Fields, 4. Indoor Basketball, and 5. Event Space.

Online Survey Findings:

- The online survey reveals that Facebook (46% of respondents) is the most popular way that residents hear about parks and recreation events and activities in Jersey Village.
- The survey reveals that the majority of respondents were 35 years old or more, with the following participation: 35 to 54 years (46%), 55 to 64 years (20%), and 65+ years (20%).
- The top five most desired outdoor activities are: 1. Trails, 2. Natural Areas, 3. Restrooms, 4. Shaded Seating, and 5. Event Space.
- The top five most desired indoor activities are: 1. Fitness Equipment, 2. Multi-Use Classrooms, 3. Banquet Hall, 4. Indoor Track, and 5. Indoor Basketball.

Priority Projects Identified:

- Improvements to Carol Fox Park
- Improvements to Clark Henry Park
- Improvements to Jersey Village Dog Park
- Improvements to St. John Park
- Improvements to Delozier Park
- New Neighborhood Park on Pleasant Colony Drive
- Outdoor Classroom at Phillipine Park
- New Passive Open Space Park
- Playground at Jersey Meadows Golf Course
- Trailhead at Welwyn Park
- Trails along Bayous
- Recreation at the Civic Center



Jersey Village Today

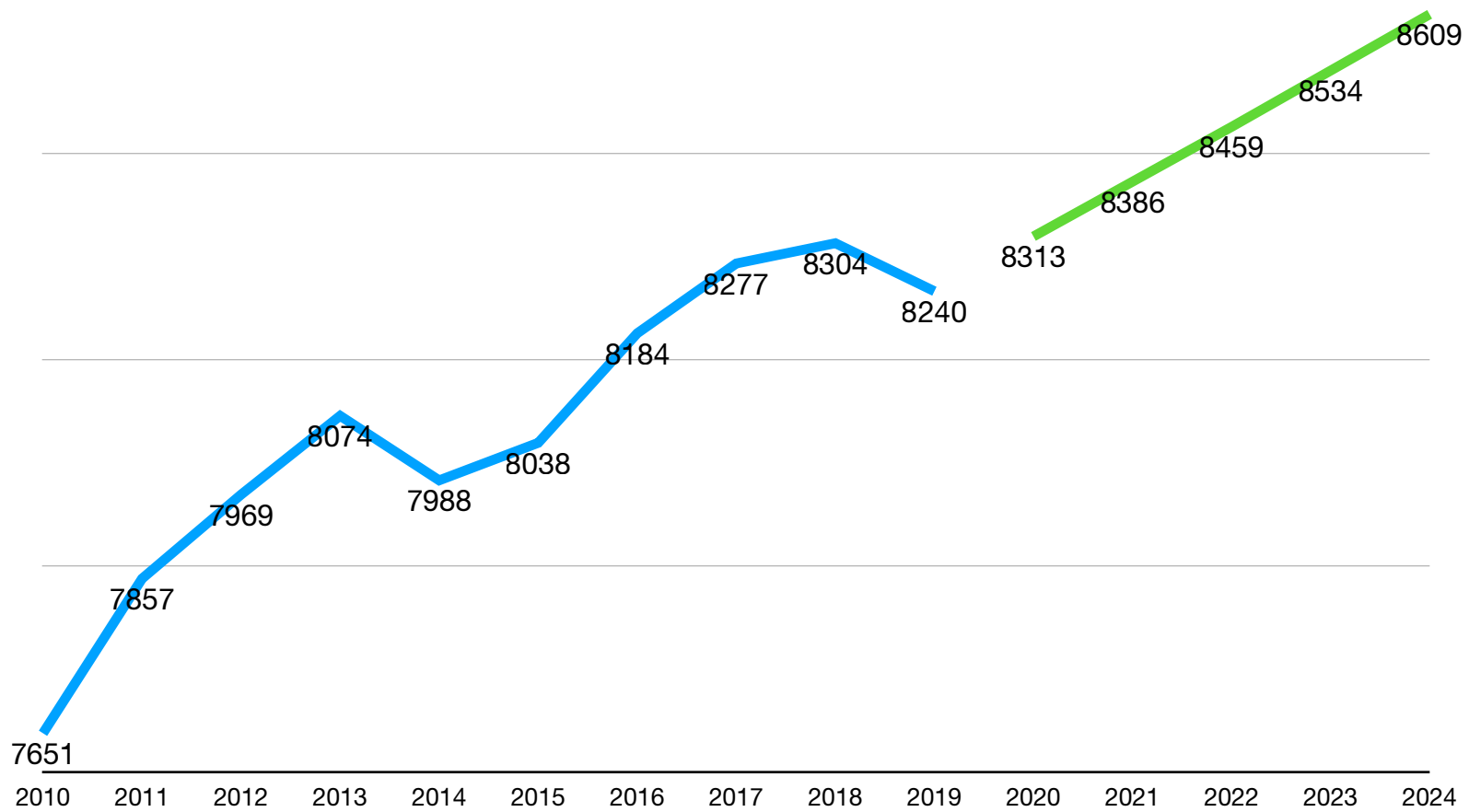


City Profile
Growth Trends
Trends in Recreation

CITY PROFILE

The Jersey Village is a small community located on the northwest side of the Houston Metropolitan Area, conveniently close to important economic centers in and around Houston while preserving a small town atmosphere. The City is primarily composed of single family residential development and two commercial corridors on the south and west side of town along Jones Rd. and US 290. In March 2019, a master plan for the Village Center was adopted that envisions a new town center with mixed use commercial, residential and a new City Hall on the south side of US 290 Highway.

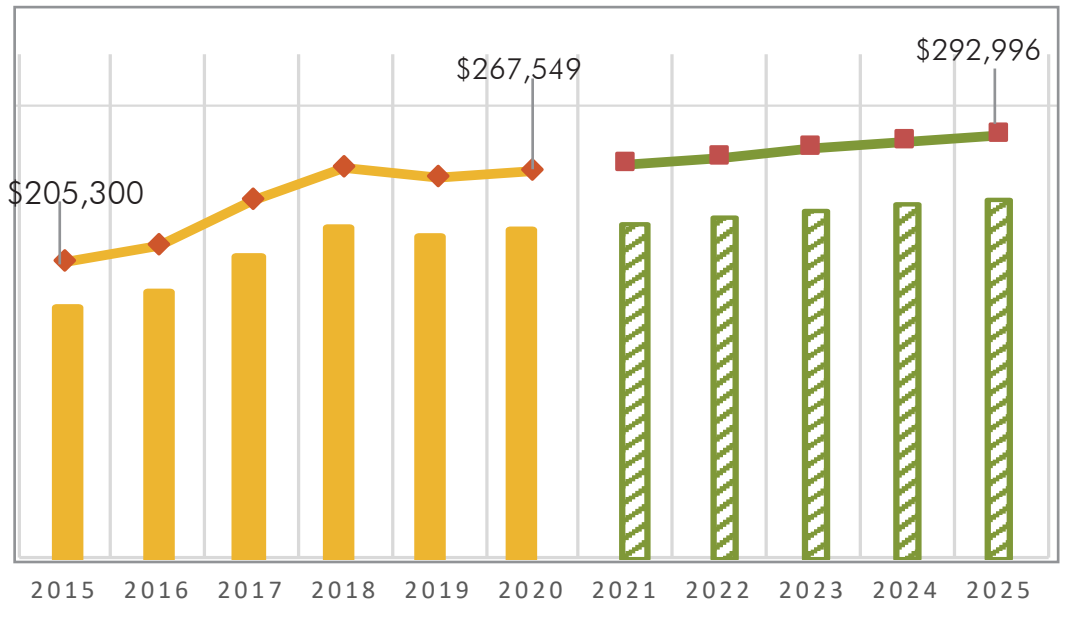
Jersey Village has experienced moderate population growth in last ten years with an estimated population of 8,240 in 2019. The Community Impact Newspaper reports that 92% of Jersey Village is built out, which with limited room for expansion. The population is expected to grow to as much as 8,685 by 2025.



*Demographic and Growth Data Sources:
ESRI Demographic and Business Data - arcgis.com*

COMMUNITY PROFILE

MEDIAN HOME VALUE



The median home value in Jersey Village was \$263,143 in the 2019 and will likely reach \$300,000 in 2025. Jersey village has experienced more than \$50,000 growth in the median home value over the last five years, in large part due to location, good schools, family friendly ambience, and the quality of life.

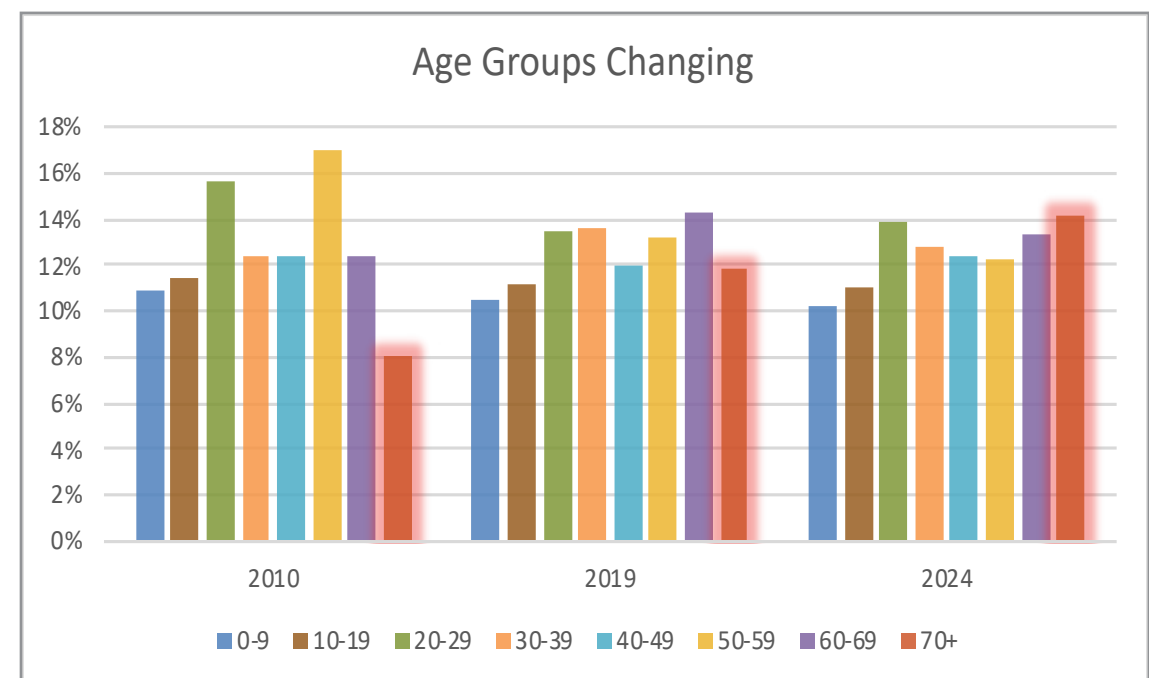
Studies have even shown that parks can increase the property values of homes in a community. “The real estate market consistently demonstrates that many people are willing to pay a larger amount for a property located close to parks and open space areas than for a home that does not offer this amenity,” writes John L. Crompton, a professor emeritus at Texas A&M University who has published extensive research on parks and recreation

The median age in Jersey Village is estimated as 41 years old in 2019. The largest age group of the population is 60-69 years’, which has increased from 12% in 2010 to 14% in 2019, but is expected to decrease by 2024.

The ‘20-29 years’ and ‘30-39 years’ age groups are currently the second largest groups. Another noticeable change is that the ‘70 years and older’ population will become the largest group in Jersey Village in 2019. Meanwhile, the estimated median age in Jersey Village has increased from 39 to 41 in last ten years.

The changing structure is showing a sign of aging population in Jersey Village. People who are 65 and above should also be considered essential park users that demand variety, safety and accessibility of parks. Overall, the population of Jersey Village has an relatively even distribution of each age group, which further reinforces the need for a parks system that is caters to the needs of all residents.

Age Groups Changing



Livability Index

The American Association of Retired Persons (AARP) has developed a number of tools to help cities, counties and regions to build inclusive living environments for all citizens. One of the popular tools used in planning is the Livability Index. The Livability Index rates the selected neighborhood, city, county, or state on a scale from 0 to 100, the higher score represents better livability on a number of metrics. The measurement is based on the average score of seven livability categories including Housing, Neighborhood, Transportation, Environment, Health, Engagement, and Opportunity. Many governments have used the Livability Index as a reference and guidance for their short and long-range plans.

Jersey Village has received an overall score of 46, while the City of Houston received a score of 50, and Harris County has a score of 48. Jersey Village excelled in Housing, Neighborhood, Health and Opportunity metrics, scoring better than the median US neighborhoods.

Housing is the strongest factor in Jersey Village with a score of 60. It is a measure of the accessibility, options, and affordability of Housing. The variables include the percentage of units that have zero-step entrances, percentage of multi-family housing, and ratio of subsidized housing per population size. Housing in Jersey Village is highly accessible for people who use wheelchairs, and has a variety of options for residents. The housing affordability is high in terms of cost, cost burden, and subsidized housing.



Jersey Village



Houston



Harris County

TOTAL INDEX SCORE



City of Jersey Village



		Jersey Village	Houston	Harris County	US Median
Accessibility	Zero-step entrances (% of Units)	65.6%	65.6%	65.6%	43.6%
Options	Availability of multi-family housing (Percentage of Units)	40.4%	46.0%	34.4%	17.80%
Affordability	Housing Costs (Dollar Per Month)	\$1,194	\$1,047	\$1,134	\$989
	Housing cost burden (Percentage of Income)	20.7%	18.1%	19.6%	17.90%
	Availability of subsidized housing (Units per 10,000 people)	155	165	134	0

Livability Index

Health is the second most competitive aspect of Jersey Village. The health index reflects on six factors under three categories, Health Behaviors (smoking prevalence, obesity prevalence), Access to Healthcare (health care professional shortage areas), Quality of Healthcare (preventable hospitalization rate, and patient satisfaction.) Among all six sub-factors measured in Health, Jersey Village has three factors that are within the top third of the country, and another three at the second third. Jersey Village also has a higher Health score when compared to both the City of Houston and Harris County.



Jersey Village



Houston



Harris County

	Jersey Village	Houston	Harris County	Median US
Smoking prevalence (% of people smoke regularly)	17.7%	17.2%	17.3%	20.50%
Obesity prevalence (% of people are obese)	27.0%	33.5%	31.4%	28.90%
Access to exercise opportunities (% of people have access)	96.5%	96.5%	96.5%	90.70%
Health care professional shortage areas (index from 0 to 25)	0	2	1	0
Preventable hospitalization rate (preventable hospitalizations per 1,000 patients)	50.7	51.3	53.6	48.5
Patient satisfaction (% of patients are satisfied)	73.1%	73.0%	73.0%	71.30%

Neighborhood measures the City’s proximity to key destinations such as grocery stores and farmer’s markets, to parks, to libraries, to jobs by transit, and jobs by auto. Other metrics evaluate the density of Mixed-use Neighborhoods and Compact Neighborhoods, and Personal Safety, and Neighborhood Quality.

Access to a park within a half mile distance is also a factor that affects the Neighborhood score. The Index uses somewhat outdated data regarding parks in Jersey Village, but the proximity to parks is a good standard for measuring a parks system.



Jersey Village



Houston



Harris County

	Jersey Village	Houston	Harris County	Median US
Proximity to destinations Access to grocery stores and farmers’ markets	1.3	2.7	2.0	0.0
Access to parks (NO. of parks)	0.0	0.6	0.5	0
Access to libraries (NO. of library)	0.0	0.1	0.1	0.0
Access to jobs by transit (NO. of jobs)	270	13,032	7,594	0
Access to jobs by auto (NO. of jobs)	188,061	187,666	150,095	32,699
Mixed-use neighborhoods Diversity of destinations (index from 0 to 1)	0.66	0.7	0.67	0.7
Compact neighborhoods Activity density (No. of jobs and people per sq. mi.)	5,883	9,455	7,473	3,020
Personal safety Crime rate (crimes per 10,000 people)	459	452	459	261
Neighborhood quality Vacancy rate (% of units are vacant)	5.90%	10.7%	8.6%	8.8%

Opportunity summarizes the opportunities in communities from four aspects: Equal Opportunity, Economic Opportunity, Educational Opportunity and Multi-Generational Communities. Following are the sub-factors of each aspect. The Opportunity score for Jersey Village is 50, which sits at the average level among all neighborhoods in the US. The Income Inequity Index is the factor that needs the most attention, which is ranking at the bottom third of all communities. The age diversity is ranked at the median third of all communities. However, Jersey Village holds higher highschool graduation rates than Houston, Harris County and the median for the U.S.



Jersey Village



Houston



Harris County

		Jersey Village	Houston	Harris County	Median US
Equal Opportunity	Income inequality (index from 0 to 1)	0.50	0.50	0.50	0.46
Economic Opportunity	Jobs per worker (jobs per person)	0.8	0.8	0.80	0.77
Educational Opportunity	High school graduation rate	91.5%	84.6%	87.3%	87.0%
Multi-Generational Communities	Age diversity (index from 0 to 1)	0.83	0.83	0.84	0.86

Environment is measured by Water and Air Quality in the area. Water quality measures the percentage of the population getting water from public water systems with at least one health-based violation a year. The percentage of all three communities compared below are higher than the national median. However, the data in this study are only measured at the county level. The local measurements at the city level may prove to be informative. Air quality in Jersey Village is in a lower percentile among all communities measured, especially the percentage of people exposed to near-roadway pollution. It should be noted that Harris County was rated by the EPA as a non-attainment county for air pollutants in 2008 and again in 2015. Being situated in a metropolitan area, Jersey Village shares similar challenges with air pollution as that of other communities in the area.



Jersey Village



Houston



Harris County

		Jersey Village	Houston	Harris County	Median US
Water Quality	Drinking water quality (% of people exposed to violations)	1.74%	1.72%	1.74%	1.10%
Air Quality	Regional air quality (unhealthy air quality days per year)	21.3	21.1	21.3	5.7
	Near-roadway pollution (% of people are exposed)	15.92%	10.46%	8.54%	0.00%
	Local industrial pollution (index from 0 to 311,000)	0.39	0.27	0.58	0

Engagement evaluates the extent of civic and social involvement in the community. The Index measures factors including Internet Access, Civic Engagement (opportunity for civic involvement, voting rate) and Social Engagement (social involvement index and cultural, arts, and entertainment institutions).

Although all three entities have a low score, Jersey Village scored higher in some individual metrics. The Internet Access index measures the percentage of residents who have access to three or more broadband internet service providers, and two or more providers that offer maximum download speeds of 50 megabits per second or greater.



Jersey Village



Houston



Harris County

	Jersey Village	Houston	Harris County	Median US
Internet Access				
Broadband cost and speed (% of residents have high-speed, low-cost service)	42.2%	39.6%	43.4%	14.60%
Civic Engagement				
Opportunity for civic involvement (organizations per 10,000 people)	4.4	4.4	4.4	7
Voting rate (% of people voted)	40.20%	40.5%	40.2%	55.60%
Social Engagement				
Social involvement index (index from 0 to 2)	0.92	0.92	0.92	0.98
Cultural, arts, and entertainment institutions (institutions per 10,000 people)	0.2	0.1	0.1	0.1

Transportation is a comprehensive rating of transportation as related to convenient transportation options, accessibility, household transportation costs, and safety records. With primary corridors including US 290 and the Sam Houston Tollway, congestion from the surrounding region directly affects Jersey Village's score without the City being able to influence it. One of the most significant factors negatively affecting the score is the lack of transit option such as buses or trains.



Jersey Village



Houston



Harris County

	Jersey Village	Houston	Harris County	Median US
Convenient transportation options				
Frequency of local transit service (No. of buses and trains per hour)	0	28	16	0
Accessible system design				
ADA-accessible stations and vehicles (% of stations and vehicles are accessible)	61.2%	61.2%	61.2%	87.60%
Convenient transportation options				
Walk trips (trips per household per day)	0.82	0.92	0.85	0.73
Transportation costs				
Congestion (hours per person per year)	40.6	40.4	39.6	25.4
Household transportation costs (dollars per year)	\$11,658	\$11,021	\$11,817	\$13,086
Safe streets				
Speed limits (miles per hour)	39.0	32.3	31.7	28
Crash rate				
(No. of fatal crashes per 100,000 people per year)	8.2	7.9	7.8	6.8

City Projects

Village Center

The City has revealed a plan for the proposed Village Center, a mixed-use development including multi-family housing, retail, restaurants, a hotel and a new City Hall with open space. The project site is approximately 43 acres on the south side of the intersection of US Highway 290 and Jones Road. The project is a partnership between the City and developer Collabrate Special Projects, LLC. It is expected to become an economic engine for Jersey Village. The Village Center will provide green space, pedestrian access and anticipates a connection with a future commuter rail station. The City has created a Tax Increment Reinvestment Zone at the Village Center and its surrounding area, which will use the increased property tax in the zone to reinvest into the infrastructure and other improvements. The project is expected to be completed in three to four years and have the possibility for expansion in the future.

The new Village Center will be a gathering space for residents visitors, providing choices for entertainment and recreation as well as increasing the quality of life. .



Illustration Purpose Site Plan



City Projects

Gateway and Wayfinding

In 2018 August, the City adopted a Gateway and Wayfinding Master Plan to create a sense of place in the City. The master plan proposed major gateways, primary gateways, secondary gateways as well as design concepts for signage and wayfinding. The proposed locations include major roadway entrances to the City, and to the proposed Village Center. The City has dedicated 2 million dollars through 2019 and 2020 to construct the gateways and wayfinding signage. The integrated gateway and signage will enhance the character and identify of the City.



Golf Course Improvement

The Jersey Meadows Golf Course is owned and operated by the City and has been a popular facility across the region. The City has budgeted \$2.42 million to develop a new convention center. The convention center is proposed as an 11,500 sf facility featuring a full-service restaurant with an outdoor seating area, a golf pro shop, an event space with an outdoor balcony, with a capacity of more than 350 guests. The new convention center will serve not only the members but also become a event space that can generate revenue for the community.





Parks Today



Park Inventory
Level Of Service Analysis
10-Minute Walk Analysis
Recreation Sources in the Region
League Sports and Recreation Programs
Community Events

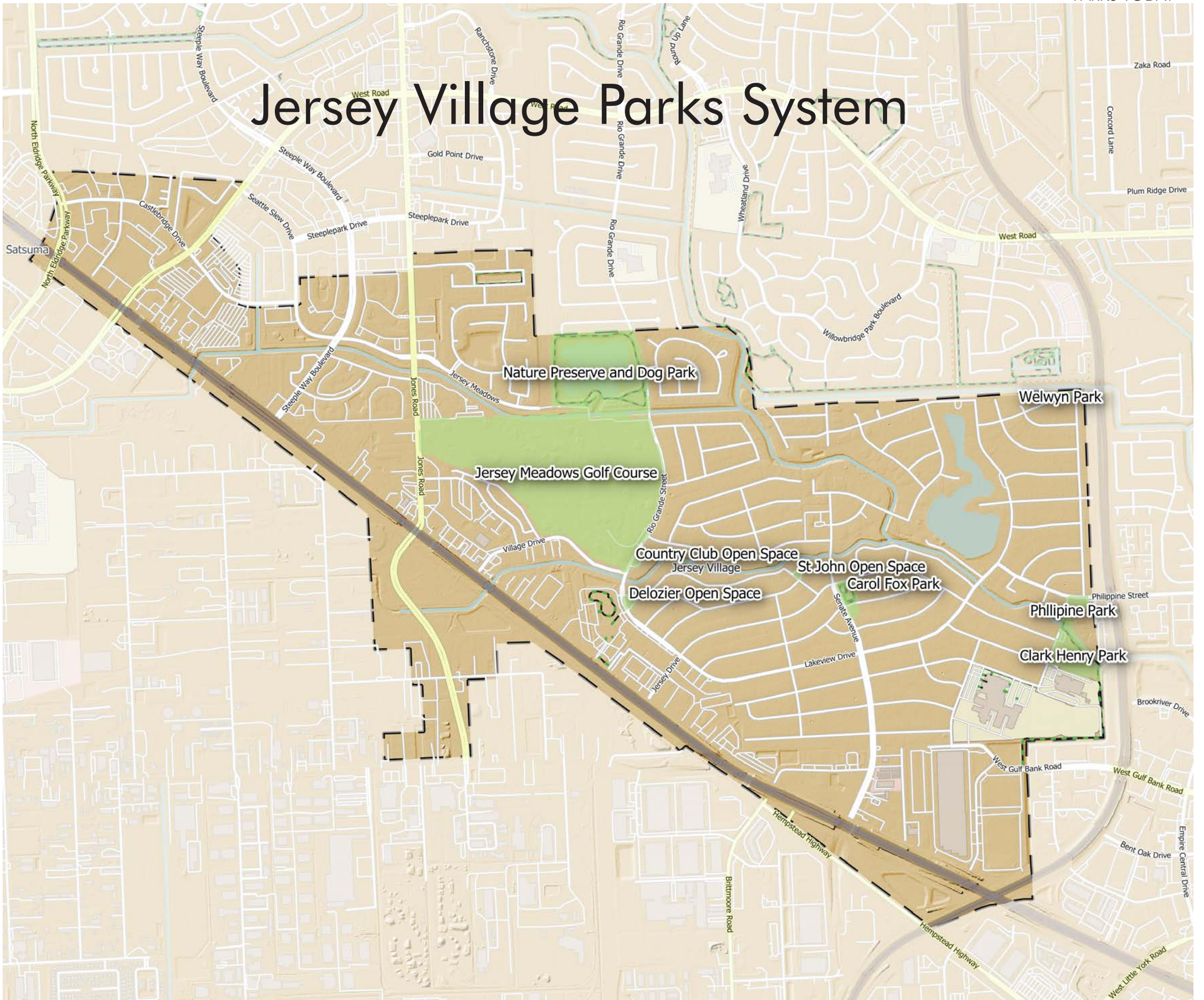
Park Inventory

Jersey Village currently has eight city-owned parks and open spaces with a total of 53 acres of park land. The Jersey Village Dog Park and Nature Preserve, Carol Fox Park, and Clark Henry Park are the primary parks with developed amenities that serve recreation needs for residents. The remaining parks and open space are less than one acre in size and distributed throughout the community

The Jersey Village park system has a total of 2.48 miles of trails for recreation. Sidewalks are available throughout the community as well, which provide additional recreation and connectivity, but were not counted in the total trail mileage.

Park Name	Address	Acreage	Park Classification	Trail (miles)	Drinking Fountain	Bench	Swingset	Basketball Court	Playground	Picnic Areas	Gazebo / Pavilion	Sandbox	Pool	Splash Ppad	Restroom	Backstop	Soccer Practice Field	Pet Waste Station	Trash Can	Dog Play Structure
Jersey Village Dog Park and Detention Pond	Jersey Meadow Drive, Jersey Village, TX 77064	41.74	Community Park	1.13	2	4												1	1	6
Country Club Park	Country Club Ct.	0.29	Mini Park			2														
Delozier Park	Delozier St. & Rio Grande St.	0.49	Mini Park			1														
St John Park	St. John Ct	0.3	Mini Park			1														
Carol Fox Park	15913-15977 Jersey Dr, Jersey Village, TX 77040	1.41	Neighborhood Park	0.23		1	4		3	1	1	1								
Welwyn Drive Park	Welwyn Drive, Jersey Village, TX 77040	0.39	Mini Park			2	8			1										
Phillipine Park	Equador St. & Philippine St.	1.68	Neighborhood Park	0.21		2					1									
Clark Henry Park	Equador St, Jersey Village, TX 77040	7.35	Neighborhood Park	0.91	1	8	3	1	4	8	1		1	1	1	1	1			
53.65				2.48	3	21	15		7	10	3		1	1	1	1	1	1	1	6

Jersey Village Parks System



Jersey Village Dog Park and Detention Basin

After flooding from Hurricane Ike in 2008, the Harris County Flood Control District, in partnership with Harris County Precinct 4 and the City of Jersey Village, established the Jersey Meadows Stormwater Detention Basin in 2014 to manage stormwater flows within the watershed. While most flood control basins in Harris County do not retain water, the 42-acre facility in Jersey Village contains “a permanent wet-bottom basin with wetlands that naturally filter stormwater and provide natural habitat to wildlife”. The wetland is surrounded by a 1.1 mile perimeter recreation trail. The sustainability and recreational functions of this facility earned an award from the Houston Galveston Area Council of Governments for Project of the Year. The West Houston Association awarded the facility the Sustainability Stars award in 2017. Meanwhile, the park has become one of the most popular parks in the City.

In 2019, the City decided to build a dog park on the high bank of the southeast corner of the property. The Jersey Village Dog Park, which includes separate large dog and small dog areas and was completed and opened in January of 2020. This park also features a 1.1-mile perimeter trail around the pond. The wetland area is habitat for fish and wildlife such as migratory waterfowl. Most of the amenities are within the dog park and in excellent condition. Available amenities are as follows:

- Wetland
- Decomposed granite trail
- Benches
- Drinking fountain for humans and dogs
- Dog waste station
- Agility and play structures
- Parking





Trail

Entrance at
Wyndham Pkwy.

Dog Park

Parking

Jersey Meadows Dr.

Rio Grande Dr.

Clark Henry Park

Clark Henry Park is the second largest park in Jersey Village, encompassing more than 7 acres of land. The park is located at the southeast corner of Jersey Village adjacent to Post Elementary School. The park is home to the City pool and splash pad, Jersey Village Hike and Bike Trail, and a covered basketball court. The playgrounds and soccer and baseball practice fields are highly utilized by students from Post Elementary School as well as residents. This park is currently home to most of the outdoor community events in Jersey Village, taking advantage of the covered basketball court and ample open space. Available amenities are as follows:

- Splash pad
- Swimming pool
- Covered basketball court
- Restroom
- Drinking fountain
- Picnic tables
- Playgrounds
- Swingsets
- Benches
- Backstops
- Soccer practice field
- Hike and Bike Trail





Carol Fox Park

Carol Fox park is a 1.4-acre neighborhood park located in the center of the community. This park attracts children with its unique play structures, with a variety of play structures to suit to all ages.

The park was renovated in 1992, with the help of 400 volunteers from Jersey Village. A total of 263 families contributed \$50 each and left their hand and foot prints on the concrete pathways along with their best wishes and vision for the park. The design of the park amenities was inspired by input from children who were invited to illustrate their vision for the park. The drawings included a Hill, Noah's Ark, Sandbox and other amenities. This park has been a great success and shows the value of community involvement. Available amenities are as follows:

- Playgrounds
- Swingset
- Sandbox
- Hill playground
- Picnic Area
- Gazebo
- Sand Volleyball Court



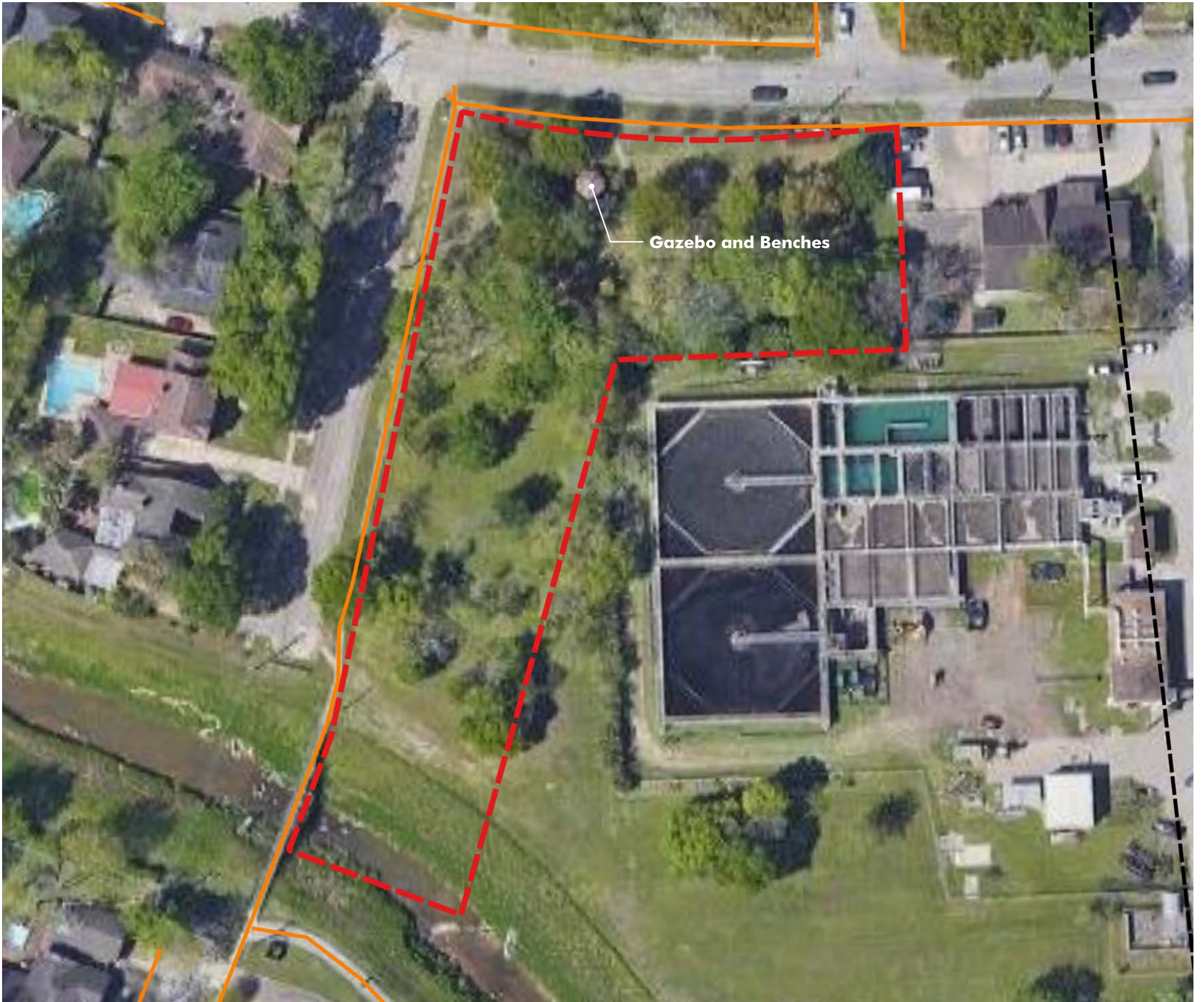


Phillipine Park

Phillipine Park is located north of Clark Henry Park, immediately across White Oak Bayou from the City Pool. A pedestrian bridge connects with Clark Henry Park and the Jersey Village Hike and Bike Trail. This area has many trees and serves as a passive park with amenities such as a gazebo, sidewalks, and benches. This park is next door to the City's sewage treatment facility and the Village Learning Center. Available amenities are as follows:

- Gazebo
- Bench
- Trail
- Birdhouse





Mini Parks

Country Club Park

Located at Country Club Ct. and Rio Grande Street, adjacent to the Jersey Meadow Golf Course, this mini-park offers a 0.29 acre shady spot to relax on an island within the cul-de-sac. Benches are provided for visitors.

Delozier Park

This park takes advantage of a 0.49-acre island of open space at the intersection of Delozier St. and Rio Grande St. Delozier Park is located across street of the Champion Forest Baptist Church Park, where a variety of amenities are offered. The open space is used as a gathering spot for local residents for block parties and similar events. During the Christmas season, the space is decorated with lights and ornaments.

St. John Park

Similar to Country Club Park, St John Park consists of a small island within a cul-de-sac. This 0.3 acre open space provides shade trees and a bench for residents to enjoy.



Delozier Park



St John Park



Level of Service Analysis

The purpose of a level of service (LOS) analysis is to determine how well the existing City of Jersey Village Parks and Recreation system is meeting the needs of City residents. According to the National Recreation and Parks Association (NRPA), the basic definition of LOS is expressed as an allocation mechanism for the delivery of park and recreation facilities throughout a community. By adopting LOS standards, a community in essence says that all residents, regardless if they pay taxes or use the parks and recreation facilities, have equal opportunity to share in the basic services in the standards.

Park Land

The City of Jersey Village has a total of approximately 53 acres land dedicated to parks and open space through out the city. This does not include the 108 acre City-operated Jersey Meadows Golf Course. Park land is typically measured in terms of ‘developed park land’, which generally includes all maintained parks and open space. This allows a community to compare their total park land to that of comparable communities.

	Residents per park	Park Acreage per 1,000 residents	Population	number of parks
National Median of Jurisdictions with a Population of Less than 20,000	1,231	11.80		
Jersey Village, TX	1,030	6.51	8,240	8
Tomball, TX	1,680	6.48	11,762	7
Seabrook, TX	681	48.14	14,291	21
Jacinto City, TX	3,542	2.23	10,625	3
Katy, TX	2,402	3.55	19,216	8
Pleasanton, TX	3,585	10.12	10,754	3
Sealy, TX	1,308	13.22	6,538	5
Bellaire, TX	1,355	2.43	18,966	14
Fulshear, TX	5,995	2.25	11,990	2
Pleasanton, TX	3,585	10.12	10,754	3
Brenham, TX	2,457	6.52	17,198	7
Boerne, TX	1,555	21.72	17,106	11

The National Recreation and Parks Association (NRPA) has conducted surveys of park agencies across the country to depict the condition of parks level of service. The survey results from NRPA measure “Residents per Park” and “Park Acreage per 1,000 residents”. 2019 NRPA Agency Performance Review reports that Jersey Village has less residents per park, and less park acreage per 1,000 residents when compared to the national median of jurisdictions with a population of less than 20,000. A comparison to other Texas cities reveals that Jersey Village has a higher level of service than many. Traditionally, the NRPA suggests a minimum of 6.5 to 10.5 acres per 1,000 residents, in which case Jersey Village has met the minimum standard.

Another popular method is to measure park land acreage as percentage of city area. The Trust for Public Land’s 2019 City Park Facts indicates that the medium to low-density cities have an average of 8.3% of a city’s total area in park land. Jersey Village’s park land is 3% of the city area. This number is in a medium range as compared with similar density cities in Texas.

2019 City Park Facts - The Trust for Public Land

	Parkland as percent of city area	Parkland Acreage	City Limits Acreage
National Median for Medium to Low-Density Cities	8.30%		
Jersey Village, TX	3.0%	53	2240
Fluggerville, TX	16.2%	1171.3	7,232
Roundrock, TX	9.9%	2270	22,976
Sugar Land, TX	8.2%	2,233.9	27,405
Cedar Park, TX	6.5%	927	14,330
Missouri City, TX	5.5%	1060.6	19,450
Huntsville	4.4%	1018.88	23,232
Georgetown, TX	3.9%	1360.21	34,752
Friendswood, TX	2.7%	365	13,376
Leander, TX	2.2%	513.84	23,709
Rosenberg, TX	2.0%	469.62	23,576
Tomball, TX	1%	76.16	7,616
Texas City, TX	0.9%	1011.24	118,784
Rockwall	0.7%	997	144,464
Fulshear, TX	0.4%	28.24	7,065

Park Facilities

NRPA measures also measures the number of residents served byen population size. The table on the right compares parks and recreation facilities in Jersey Village with the national median for cities with densities between 1,500 to 2,500 residents/ Square Mile.

Some types of facilities (such as recreation centers) are often only found in larger cities, therefore the table does not imply that Jersey Village has a deficit due to a lack of a given facility.

The existing Jersey Village Civic Center is serving the community not only as the City Council Chambers, but also as a place for public and private events. The City does not have a designated event venue such as an amphitheater, instead most events area held in the covered baskeybal court in Clark Henry park.

The planned Village Center will include a new City Hall, as well as an amphitheater for community events. With the relocation of City Hall and Council Chambers, the existing Civic Center could be repurposed as a recreation facility. The City plans to dedicate the property at the existing City Hall and Civic Center to the Parks and Recreation Department at that time.

Type of Facility	National Median number of Residents per Facilities*	Residents per Facilities in Jersey Village	Number of facilities Owned by the City
Playgrounds	3,163	1,177	7
Basketball courts	5,971	8,240	1
Tennis courts (outdoor only)	4,296		0
Diamond fields: baseball - youth	6,597	4,120	2
Diamond fields: softball fields - adult	12,527		0
Rectangular fields: multi-purpose	7,469	8,240	1
Diamond fields: softball fields – youth	11,917		0
Outdoor Dog park	47,000	8,240	1
Diamond fields: baseball - adult	20,033		0
Swimming pools (outdoor only)	34,035	8,240	1
Totlots	14,000		
Rectangular fields: soccer field – youth	7,000	8,240	1
Community gardens	34,170		0
Rectangular fields: soccer field - adult	13,173		0
Rectangular fields: football field	25,320		0
Skate park	44,000		0
Multipurpose synthetic field	41,938		0
Indoor Community centers	28,987	8,240	1
Recreation centers (including gyms and fitness centers)	31,539		0
Senior centers	62,053		0
Performance amphitheater	46,000		0
Nature centers	75,021		0

* park facility median for cities with densities between 1,500 to 2,500 residents/ square Mile)

10 Minute Walk Analysis

A Park Within a 10 Minute Walk from Home

A collaborative effort between The Trust for Public Land, the Urban Land Institute, and the National Recreation and Park Association initiated a campaign called “10-minute Walk” with a goal to “ensure there’s a park within a 10-minute walk of every person, in every neighborhood, in every City across America”. The movement challenges mayors to make a commitment to achieving this goal in their communities. Cities can join the movement by signing up online at 10minutewalk.org.

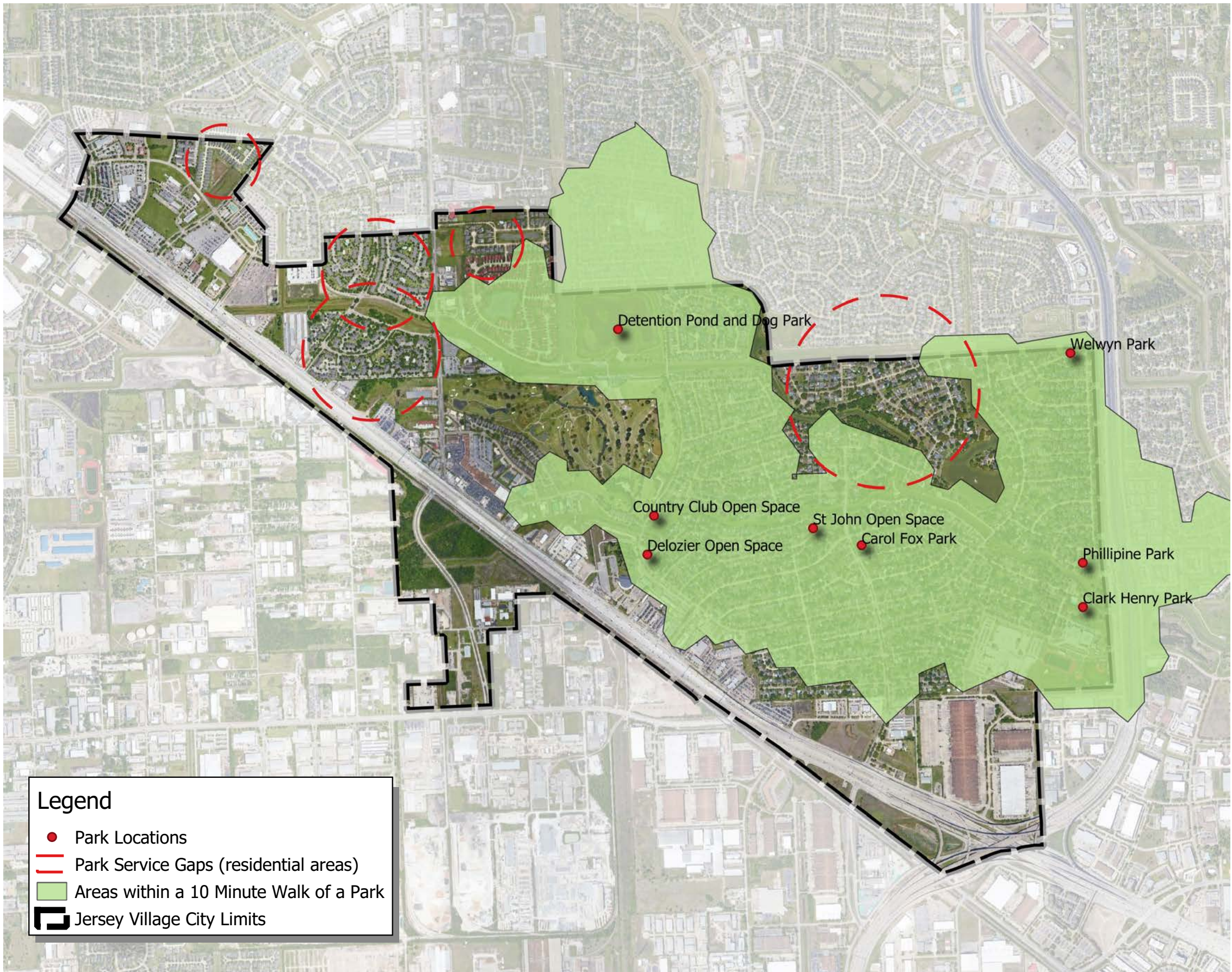
To understand where Jersey Village currently measures against the “10-Minute Walk” test, an analysis was conducted using Geographic Information Systems (GIS) software to calculate the proximity of households to parks in the City, both public parks and private. Rather than using a simple circular radius, the analysis considers only the practical means of walking to the park along existing roads, which have sidewalks in most cases. This provides a more meaningful illustration of where service gaps exist in the parks system.

According to the most recent data from Parkserve™, the 10 Minute Walk database from the Trust for Public Land (TPL), Jersey Village has 79.1% (6,735 residents) of the population living within a 10-minute walk to a park, and 20.9% of residents living further away. Comparing with other cities in Texas, Jersey Village has significant park coverage. The TPL data is based on the 2018 population. Following the same methodology, utilizing 2019 population numbers, Jersey Village has achieved 82% of households residing within a 10 minute walk to a park.

The map on the following page illustrates the areas of the community within a 10 minute walk of a park in green. The red circles highlight residential areas that are not within that distance and are known as ‘service gaps’. Where opportunities are available, these are target areas to consider for development of parks if land is available.

City Name	Population within a 10-minute Walk to a park	Number of Residents living within a 10-minute walk to a park
Jersey Village, TX	79.10%	6,735
Bellaire, TX	79.6%	13,786
Cedar Park, TX	79.0%	52,513
Deer Park, TX	71.2%	24,929
Huntsville, TX	65.0%	27,132
Seabrook, TX	59.5%	8,475
Texas City, TX	58.8%	32,135
La Porte, TX	55.3%	19,538
Brenham, TX	48.4%	8,213
Leander, TX	53.8%	22,919
Georgetown, TX	52.7%	32,895
Jacinto City, TX	47.9%	5,261
Missouri City, TX	45.9%	38,831
Baytown, TX	45.7%	18,641
Katy, TX	39.5%	6,764
Sugar Land, TX	37.8%	34,750
New Braunfels, TX	34.3%	28,035
Alvin, TX	31.8%	8,899
Rosenberg, TX	30.5%	11,785
Pearland, TX	23.5%	28,525
Boerne, TX	61.4%	11,277

10 Minute Walk Analysis



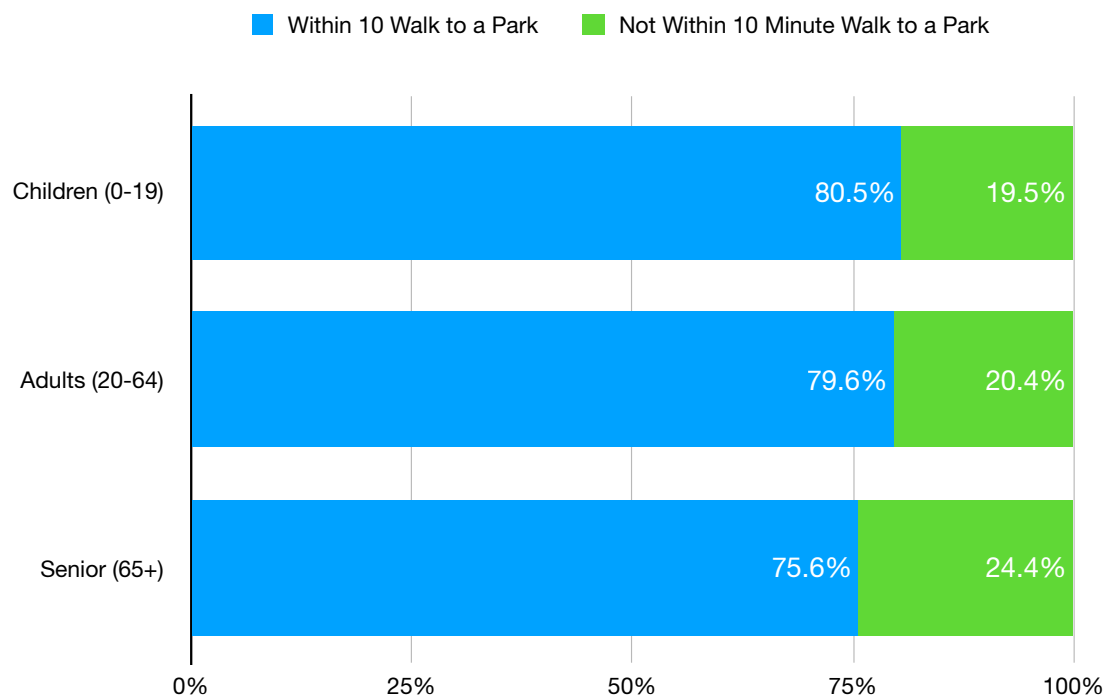
Who lives Within a 10 Minute Walk of a Park?

Using the GIS-generated boundary of the 10 Minute Walk area, the demographic information can be extracted to reveal more detailed information about the residents live inside and outside the 10 Minute Walk area. Such information provides additional guidance for parks planning.

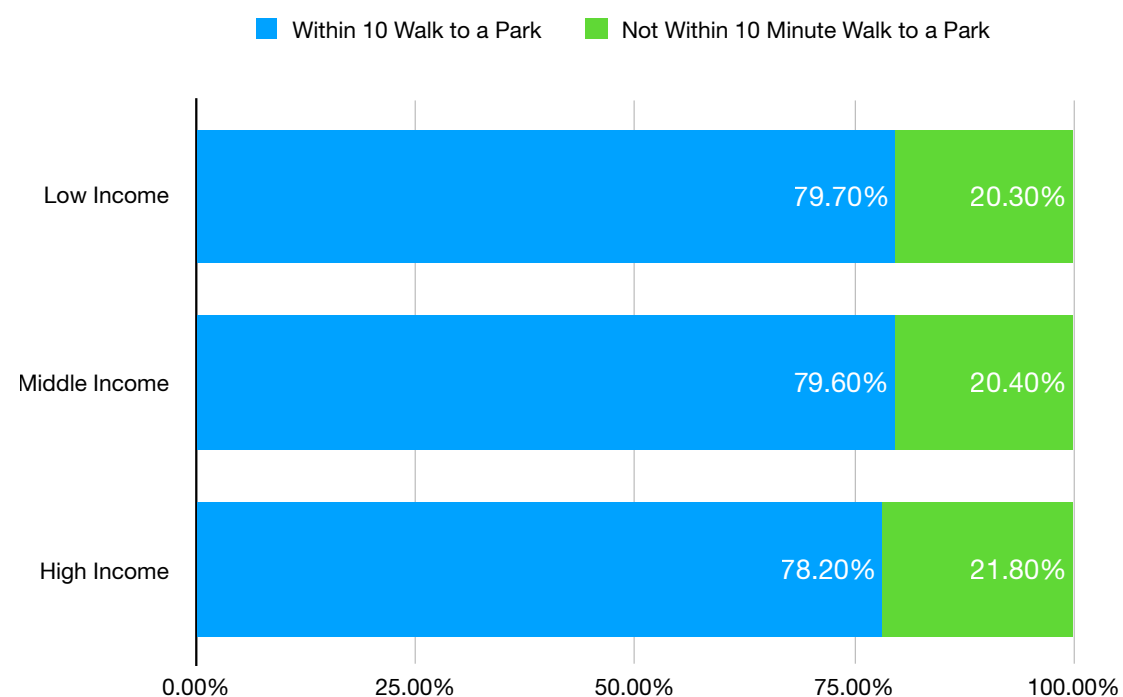
The graphics below indicate the percentage of residents living within a 10 minute walk of a park. The majority of residents live in close proximity to a park. Generally, all age groups were similarly distributed, with Seniors (age 65+) had a slightly higher number of residents living further than 10 minutes from a park (24.4%).

When evaluated from the perspective of household income, the distribution of households within a 10 minute walk of a park is almost identical to that of age groups. This is indicative of a relatively balanced distribution of income across the community. The service gaps identified in this analysis are likely the result of development patterns over time and available land for park development.

10 Minute Walk Analysis by Age



10 Minute Walk Analysis by Income



Commit to a 10-Minute Walk Campaign

The “10-minute Walk” Campaign provides funding, marketing and technical support for cities to succeed. Comparing with the NRPA’s “10-minute walk” grantees, who committed to strive to be a 10 Minute Walk City, Jersey Village is in a competitive place (see table at right), with its current status of 79.1% population living within the 10-minute walk area. The grantees are not limited to the large cities but also many smaller communities with populations under 50,000. As a livable community in the Houston Metropolitan area, joining the “10-Minute Walk” Campaign could help Jersey Village to grow and improve its park system, and even become an example for the region.

Benefits:

- Ongoing technical assistance from NRPA, TPL, ULI, and additional national and local experts to support local planning efforts.
- Access and technical support for planning and mapping tools such as NRPA’s Park Metrics, TPL’s ParkServe® and Parkology.
- Peer-to-peer support and networking opportunities to share lessons learned and address challenges.
- National visibility through:
 - Articles in Parks and Recreation magazine, Open Space Blog, partner publications, and national press releases.
 - Opportunities to present at national conferences, including the NRPA Annual Conference.

What to do:

The cities interested in creating a commitment should:

- Select an attainable 10 Minute Walk Goal and specific action.
- Develop a measurement strategy that outlines what success looks like and how you’ll track your progress.
- Select a realistic date with-in the next 5 years for completing your commitment.

The Mayor of the City will need to sign a commitment for the campaign to reach the goal of the 10 Minute Walk.

2019 NRPA 10-Minute Walk Grantees	Population in 10-minute walk to park area	Grant Year
Denver, CO	94%	2019
Winooski, VT	82%	2019
Lynnwood, WA	76%	2019
Paterson, NJ	72%	2019
Raleigh, NC	70%	2019
Tacoma, WA	69%	2019
Los Angeles City, CA	61%	2019
Memphis, TN	45%	2019
Bennettsville, SC	28%	2019
West Athens-Westmont	26%	2019
Camden, NJ	94%	2018
New Rochelle, NY	91%	2018
Tukwila, WA	80%	2018
Rochester, NY	78%	2018
Anchorage, AK	74%	2018
Grand Rapids, MI	72%	2018
Clarkston, GA	71%	2018
Lewisville, TX	61%	2018
Orlando, FL	60%	2018
Austin, TX	54%	2018
El Cajon, CA	45%	2018
Chattanooga, TN	36%	2018

*Data source: National Recreation And Park Association.

Recreation by Others

An inventory was conducted of the recreation resources provided by entities other than the City of Jersey Village within 20 minute drive from City Hall. This analysis is aiming at mapping out the resources available in the region and providing a reference to identify the gaps in terms of local recreational needs. The inventory is inexhaustive accounting of available recreation resources and providers such as yoga studios, gyms, parks, and more. The analysis captured a total of 109 recreation facilities and more than 24 diferent types of recreation amenities.

Table at right shows the number of amenities provided by others in the study area. The top 5 amenities are:

- Trails
- Rectangular Field
- Diamond Field
- Indoor Basketball
- Water Park

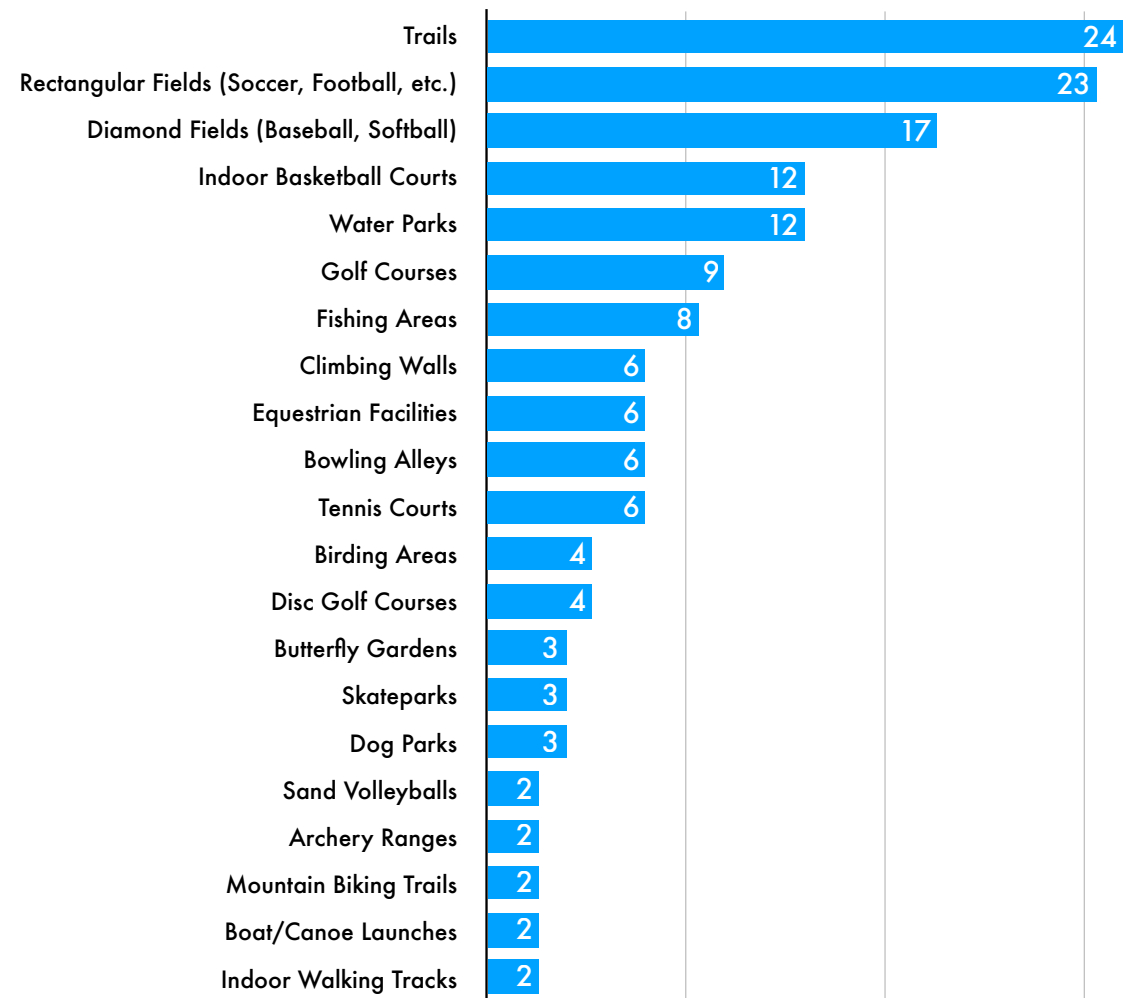
24 facilities have trails available within the study area. This include all trails within public parks and designated hike and bike trails. "Rectangular fields" and "Diamond Fields" represent fields for soccer, football, lacrosse, baseball, and softball.

"Indoor Basketball" is mostly provided by schools, community centers and private gyms. "Water Parks" include splash pads, and swimming pools that have playstructures.

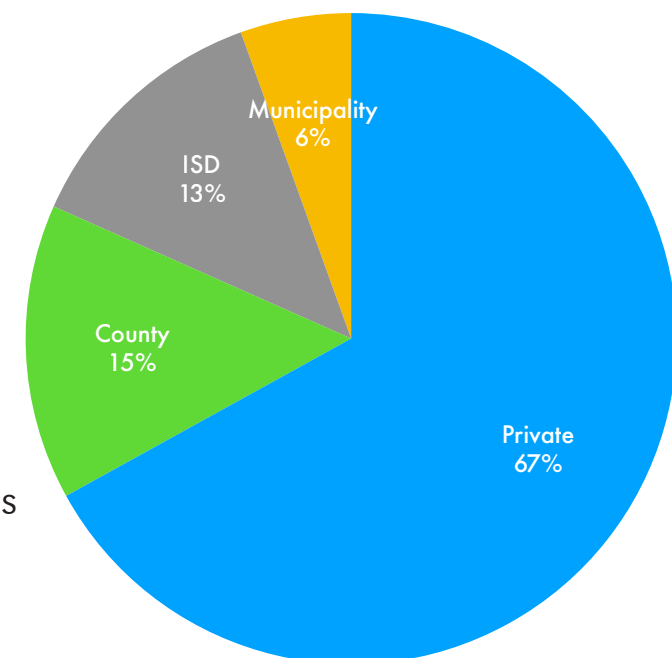
A total of 9 facilities listed as "Others" include recreation amenities that are unique in the study area such as "Outdoor Learning Area", "Roller Skating", "Gymnasium", "Trampoline", "Dodge ball", "video arcade", "Camping ground", "Go-kart Track", "Laser tag", "Mini golf", and "Outdoor shower".

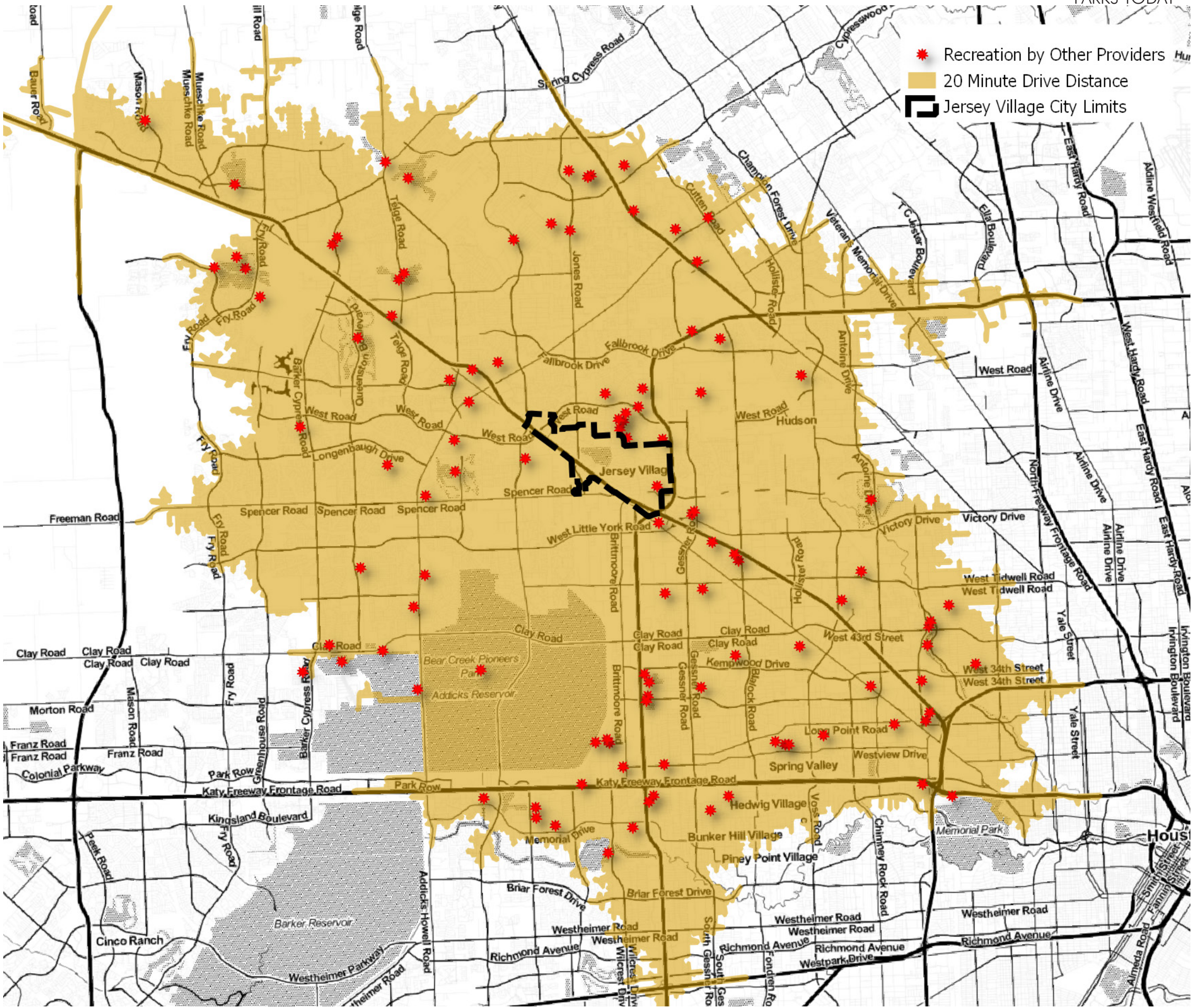
Among all 109 facilities, 73 facilities are privately owned, which also include HOA and MUD district-owned facilities. A total of 16 facilities are County-owned, 16 by school districts, and 6 facilities are owned by other municipalities. Private owned facilities are the main recreation providers in the area.

Recreation Provided By Others



Recreation Resources By Ownership





- ★ Recreation by Other Providers
- 20 Minute Drive Distance
- ▭ Jersey Village City Limits

Sports, Programs, and Events

League Sports

Currently, The sports demand in Jersey Village is fulfilled by private organizations. I-9 Sports offers soccer league play for boys and girls at age of 3 to 5. and baseball league play for ages 3 to 6. Both leagues use fields at Clark Henry park. Both leagues run three seasons each year, Summer, Fall and Summer.



Recreation Programs

Jersey Village began to offer a multitude of recreational programs in 2020. These programs will include youth and adult sports, camps, art classes, fitness in the park and more.

Residents participated in an art class in March of 2020.



Community Events

Jersey Village has a vibrant community atmosphere, where a variety of community events bring residents together each year. Jersey Village Parks and Recreation is providing 12 annual community events based on the local interests.

The following popular events are offered:

- Bingo Nights (NEW in 2020!)
- Health Expo with Jersey Village Senior Outreach (NEW in 2020!)
- Concerts in the Park Series (NEW in 2020!)
- Spring Fling Nature Festival
- Easter Egg Hunt
- Adult Easter Egg Hunt (NEW in 2020!)
- Independence Day Parade
- Movies in the Village
- Eats in the Streets Food Truck Festival
- Fall Frolic Trunk-or-Treat
- Texas State Arbor Day
- Holiday in the Village
- Farmer's Market

Most events are held in the open space and covered basketball court at Clark Henry Park. The events are scheduled through out the years and have a high level participation in the community.





Snow was provided to add to the Christmas spirit during Holiday in the Village.



Children participating in the annual Easter Egg Hunt.



The Jersey Village Farmer's Market is a popular event held on the first Sunday of each month at the Civic Center.

Lights and decorations during the annual Holiday in the Village



A rich variety of offerings at the Eats in the Streets Food Truck Festival.



A float built by residents for the Independence Day Parade.





Demand Assessment



**Online Survey
Recreation and Events Committee
Recreation Behavior**

Public Engagement Process

A key component to any master planning process is to gather input from relevant stakeholders. With parks and recreation planning, the residents are the primary users of parks, programs, and facilities. Determining the types of activities in which residents participate, those that they would like to see in the future, is the secret to a development of a plan that meets those needs.

Online Survey

One of the most effective means of reaching residents with busy lives is through the use of online engagement. To this end, the City conducted an online parks and recreation survey to find out what how residents are currently recreating.

The online survey was made available through a link on the City’s website, postings on the City’s Facebook page, and the local Nextdoor group. The online survey was also promoted in the Houston Chronicle newspaper.

The survey included twelve questions, which include 10 single and multiple choice questions, and two open ended questions. 344 respondents responded to the survey over a three month period between March and May of 2020. With the Jersey Village population in 2019 (8,240), the number of responses provided a statistically significant sample with a 94.1% level of confidence with a margin of error at 5.17%.

The results of the survey are highlighted are below:

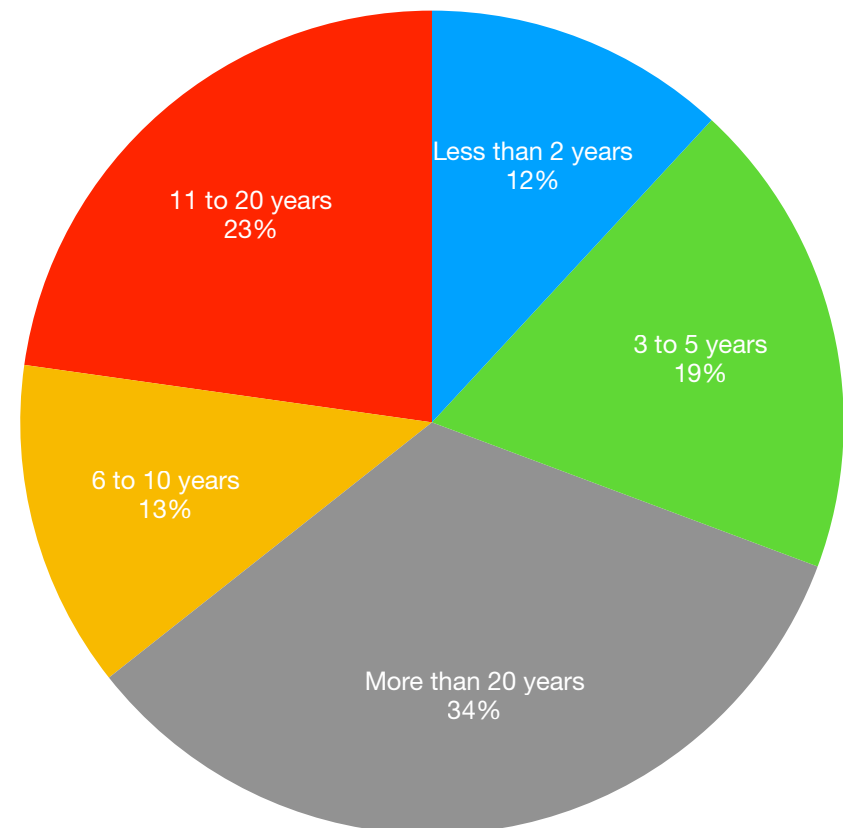
- Carol Fox Park is the most popular park in Jersey Village;
- Walking, hiking, biking and running are the most popular activities;
- Trails are the most desired outdoor recreation amenity;
- Fitness equipment are the most desired indoor amenities;
- Saturday evening is the peak time for park visits;
- “Senior” related activities are the most frequently mentioned programs and events that residents desire;

Participant Profile

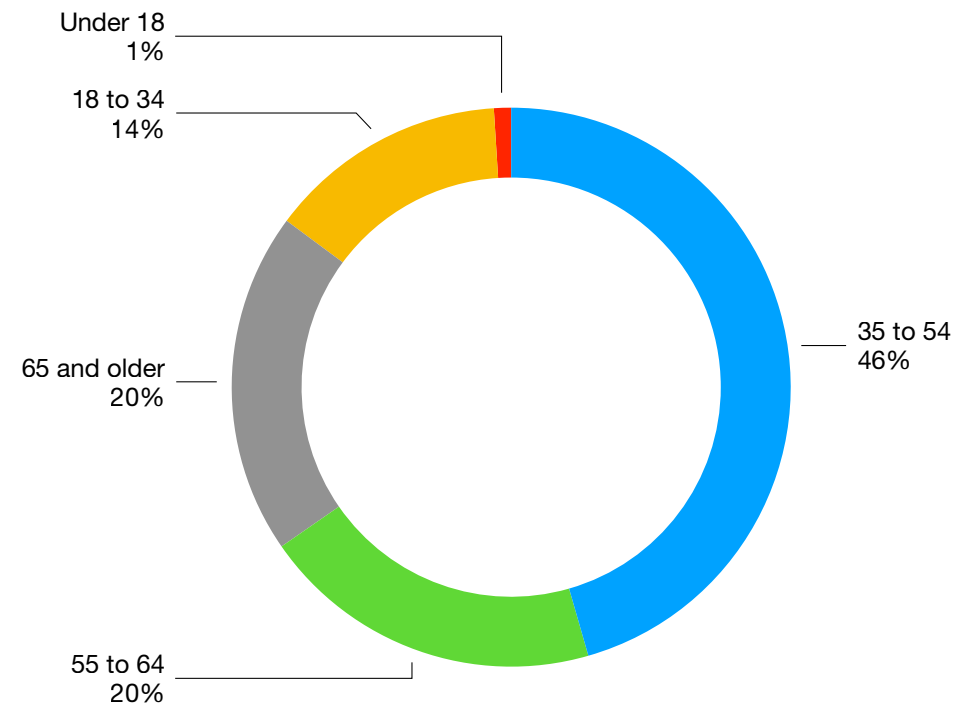
To help the City better understand the recreation of all groups, the online survey also collected the basic demographic information of the participants. The following information was revealed:

- 98.3% participants are local residents of Jersey Village;
- The majority (57.6%) of participants have lived in Jersey Village more than ten years;
- The age group of 35-54 is the largest group of participants.
- Facebook is the most popular source for information about Jersey Village parks and recreation.

How long have you lived in Jersey Village?



Which age group are you in ?



The profile of the participants can tell the survey has captured residents with different length of residency, different age groups. Participants who have lived in Jersey Village for more than 20 years is the largest group among all. "35 to 54 " age group is the largest group among all participants. Other ages groups were also represented except "under 18 ", which often represented by their parents and have access to school districts facilities. Social media and city website are the most used sources for parks and recreation information. There's also other sources mentioned by participants that is widely used, such as newsletter and outdoor signs.

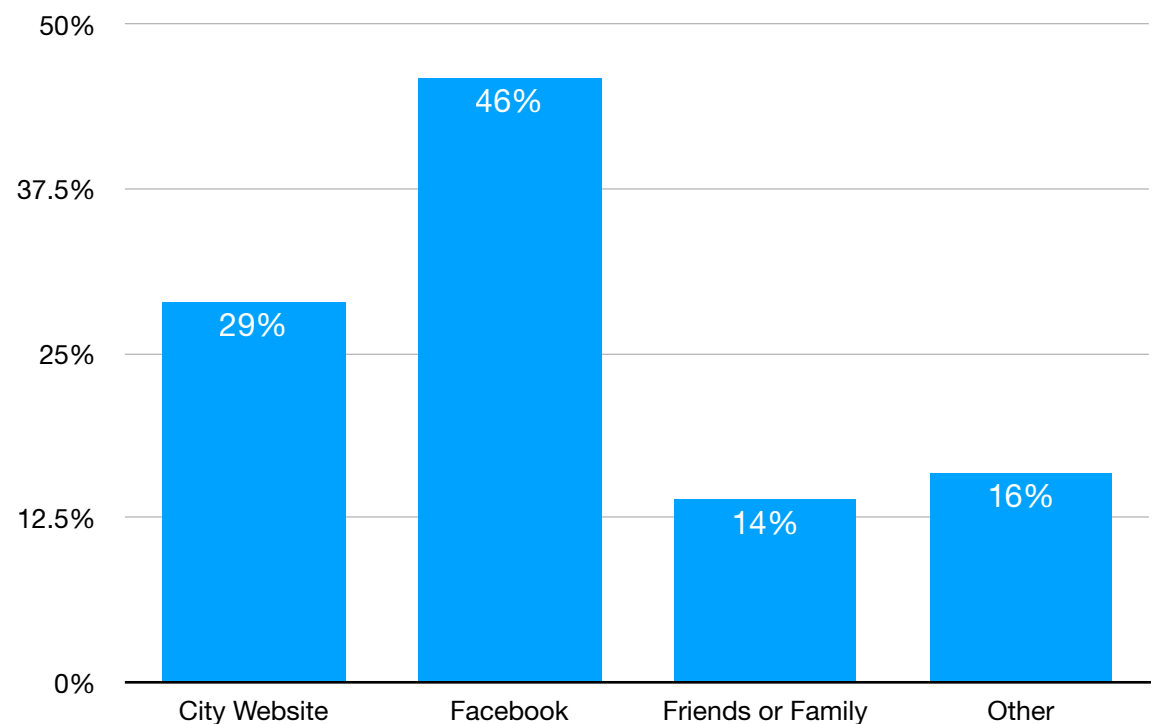
The profile information can not only select if the survey has reach to all groups but also can tell a story in the reversed order. A cross tabulation analysis can show the survey responses by different profile information. For instance, the direct result shows Facebook is the most popular infromation source, cross tabulation analysis shows that participants at age of 65 and older is the smallest group chose Facebook as their parks and recreation information source. Then what others ways do they use ? "City Website " is the number one source, Facebook, friedns and family are the second. This analysis can be used in other questions which affect the future decision making. This method provide a insight information to support a equitable parks and recreation system for all.

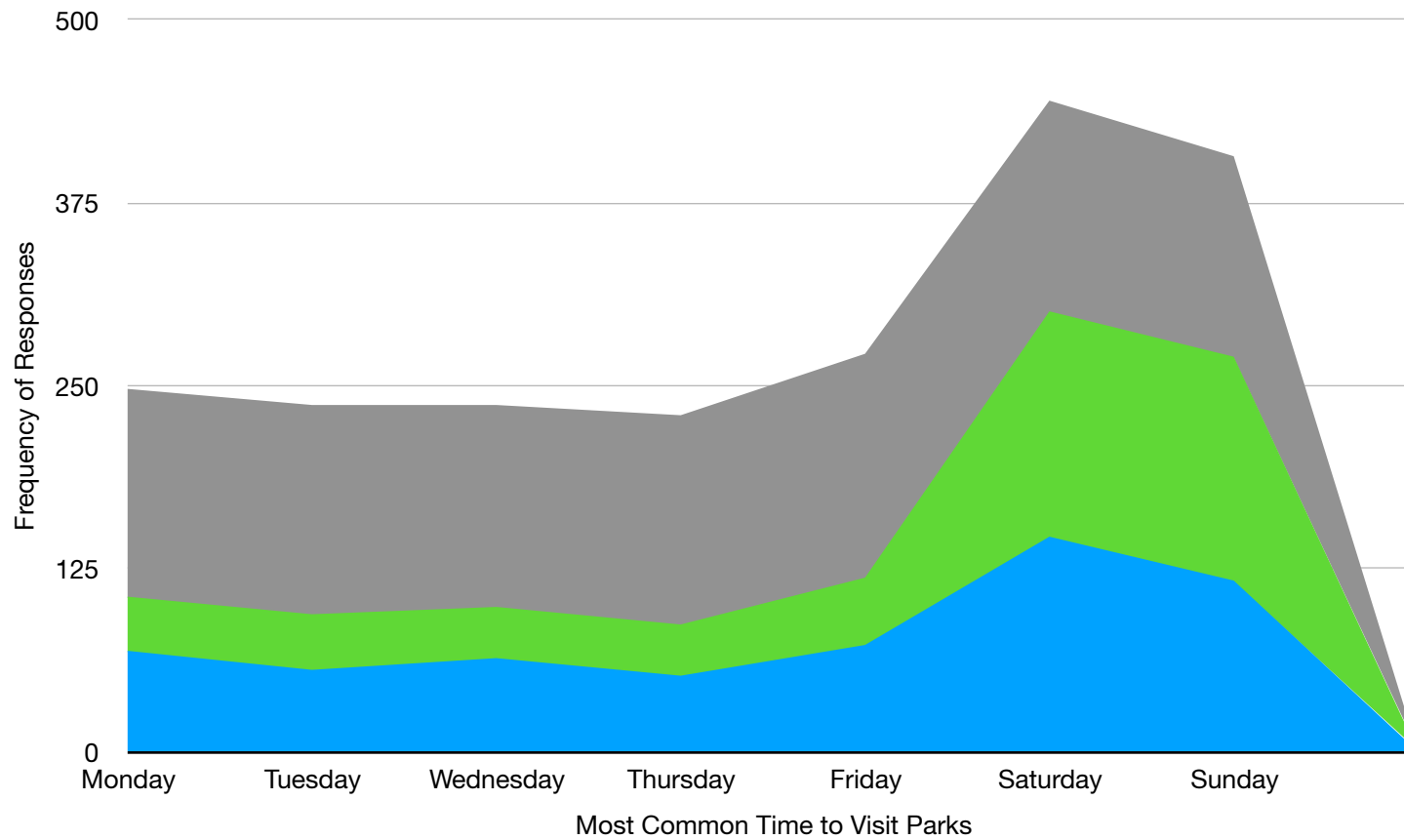
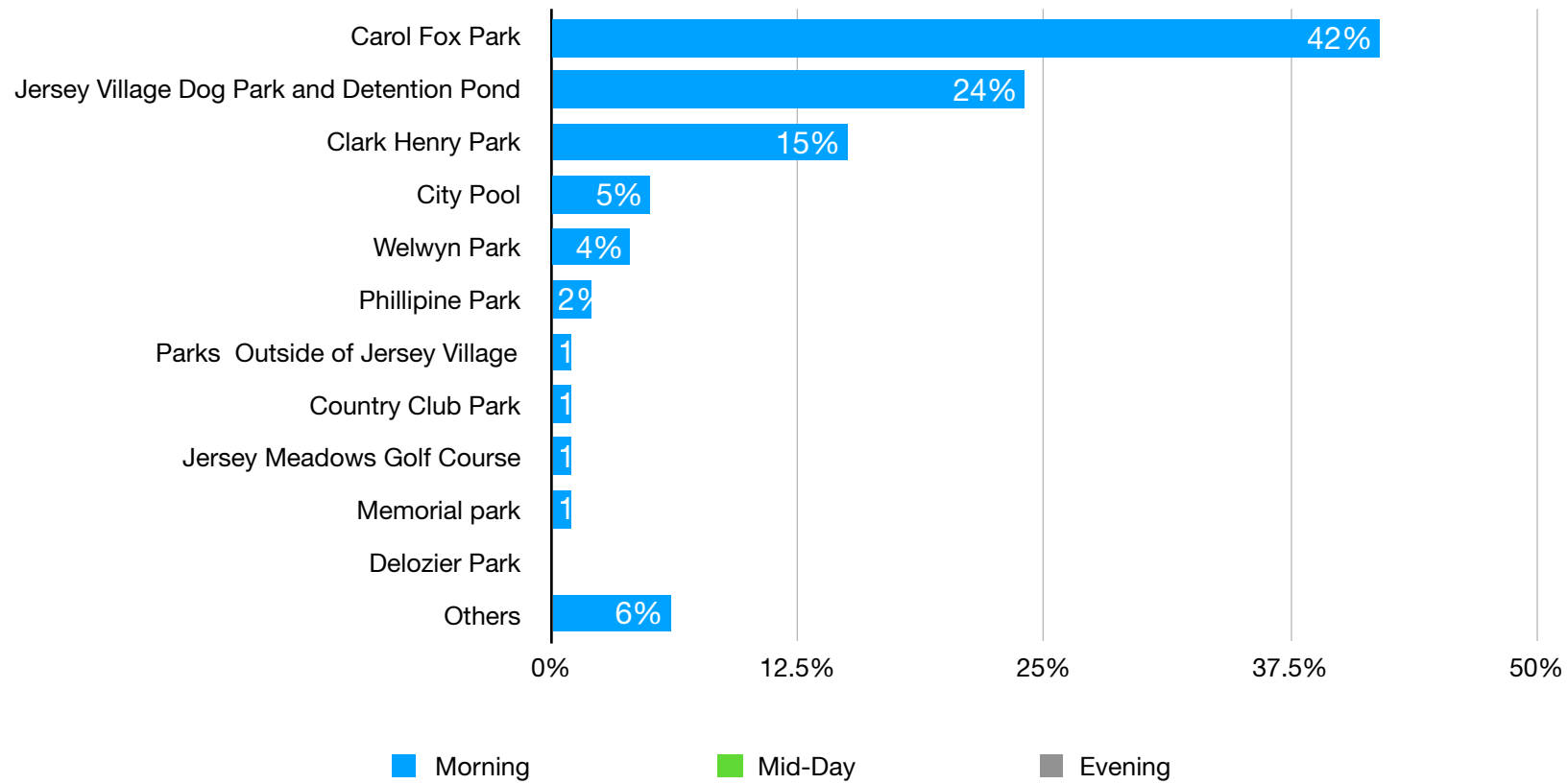
Parks and Recreation preference

The onlin survey configured three questions to better understand the recreation behavior and park visits routine in Jersey Village. The questions inlcude "Which park does your family visit the most?", "What day of the week and what time of the day do you most use the parks?".

Weekends evenings are the most popular time for park visits. Weekends are the days experiencing most visits through all week, Saturday is the peak day in all week. Evenings are high volume visits time through all days. Mid-Day has the least volume of all day, and morning has higher volume. This information provide a useful insight for the City to organizing events in the parks, and considering enhance lighthings in the parks due to the high visits in the evenings.

Where do you get your information for parks and recreation events/programs?



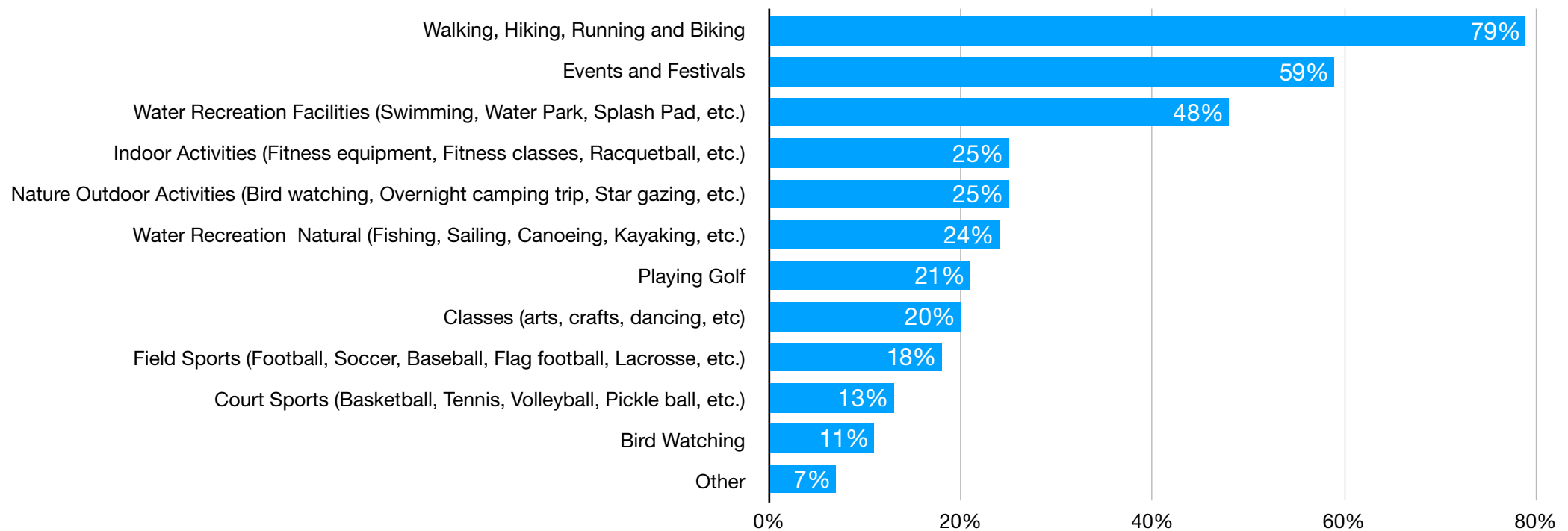


The survey has also asked the participants what types of recreation activities they currently participate in. “Walking, Hiking, Running and Biking” was the number one activity, which has 20% more votes than number two options.

The top five activities are as below:

- Walking, Hiking, Running and Biking
- Events and Festivals
- Water Recreation-Facilities (Swimming, Water Park, Splash Pad, etc.)
- Indoor Activities
- Nature Outdoor Activities

What recreation activities do you CURRENTLY participate in?



Future Park and Recreation Preferences

The survey also collected the information on residents' preferences for outdoor activities, indoor activities, programs and events for future parks and recreation in Jersey Village.

The top five desired outdoor activities are as below:

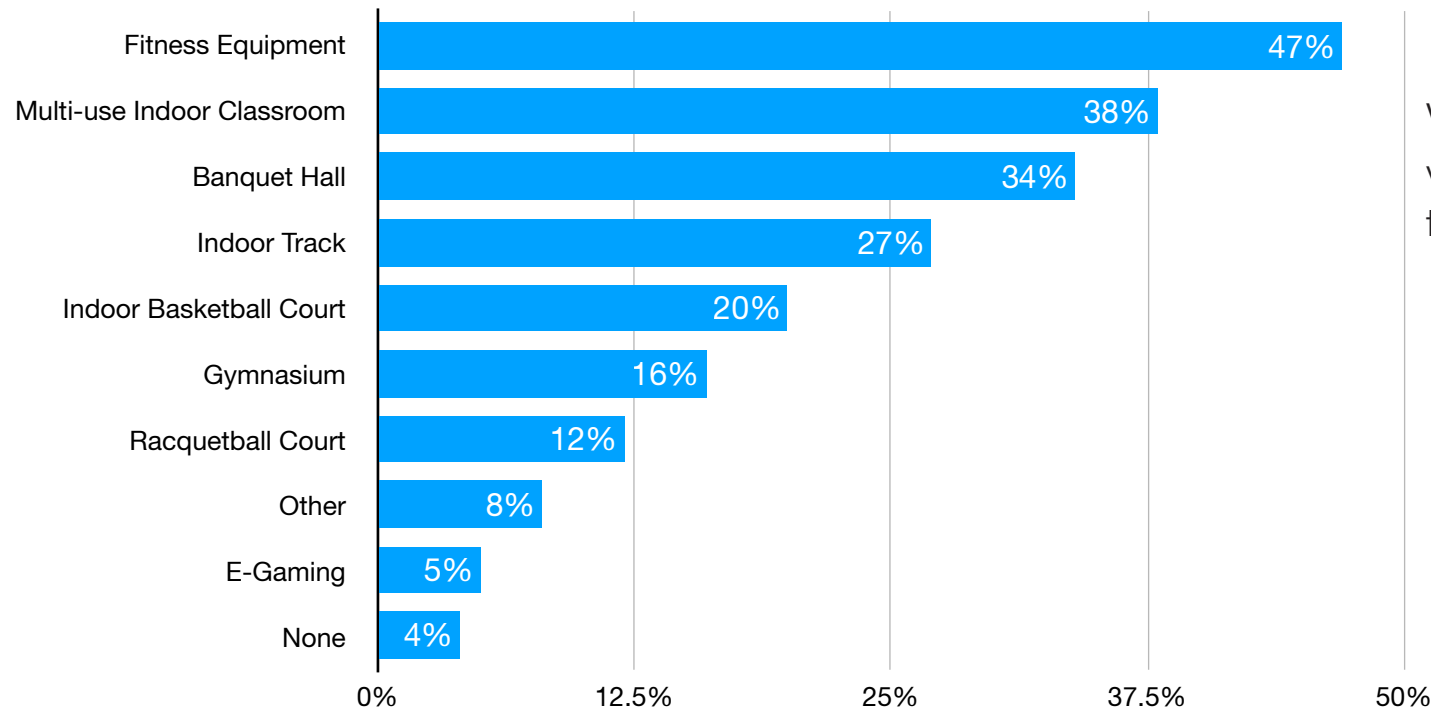
1. Trails
2. Natural Areas
3. Restrooms
4. Shaded Seating
5. Event Space

The top five desired indoor activities are:

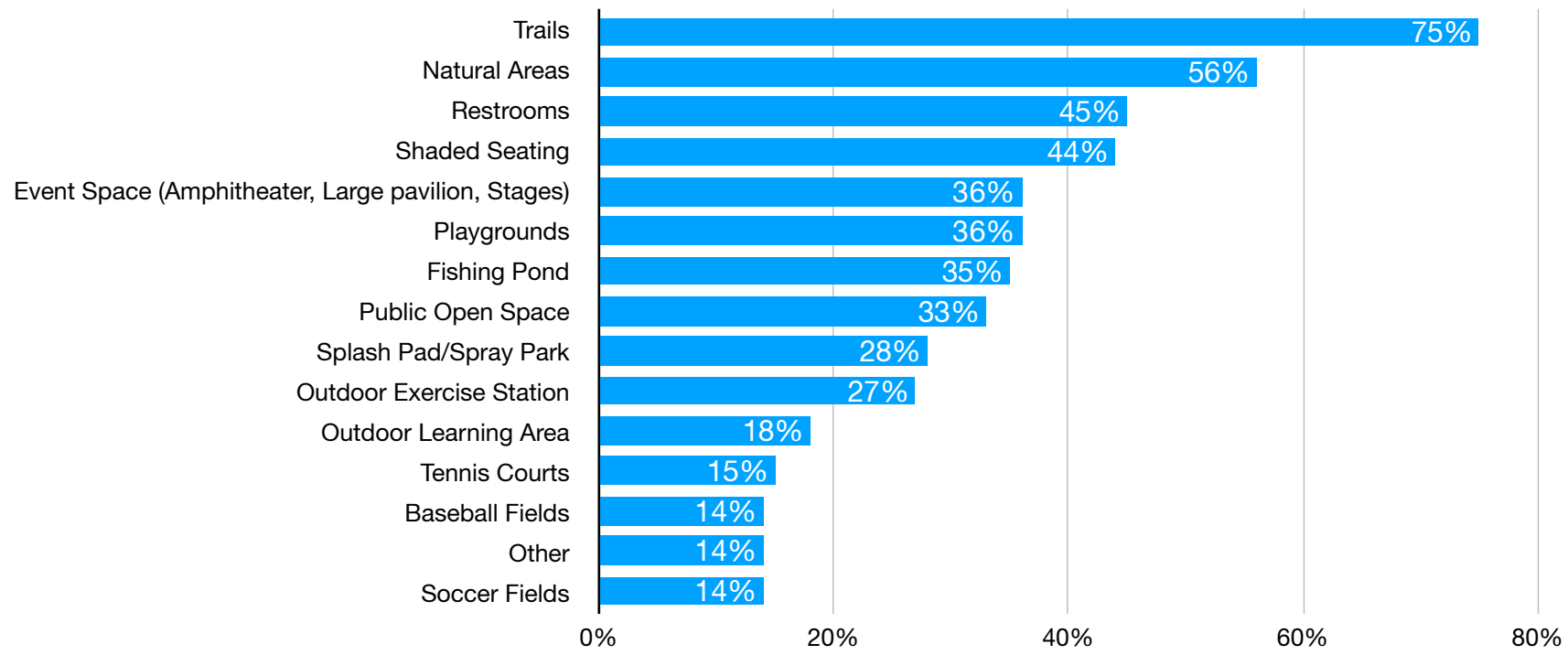
1. Fitness Equipment
2. Multi-use Classrooms
3. Banquet Hall
4. Indoor Track
5. Indoor Basketball Court

The top five key words appeared in the open-ended question regarding desired programs and events are:

1. Senior (11 times)
2. Classes (10)
3. Activities (9) Festival (9)
4. Food Truck (8) Trails (8)
5. Outdoor (7) Yoga (7)



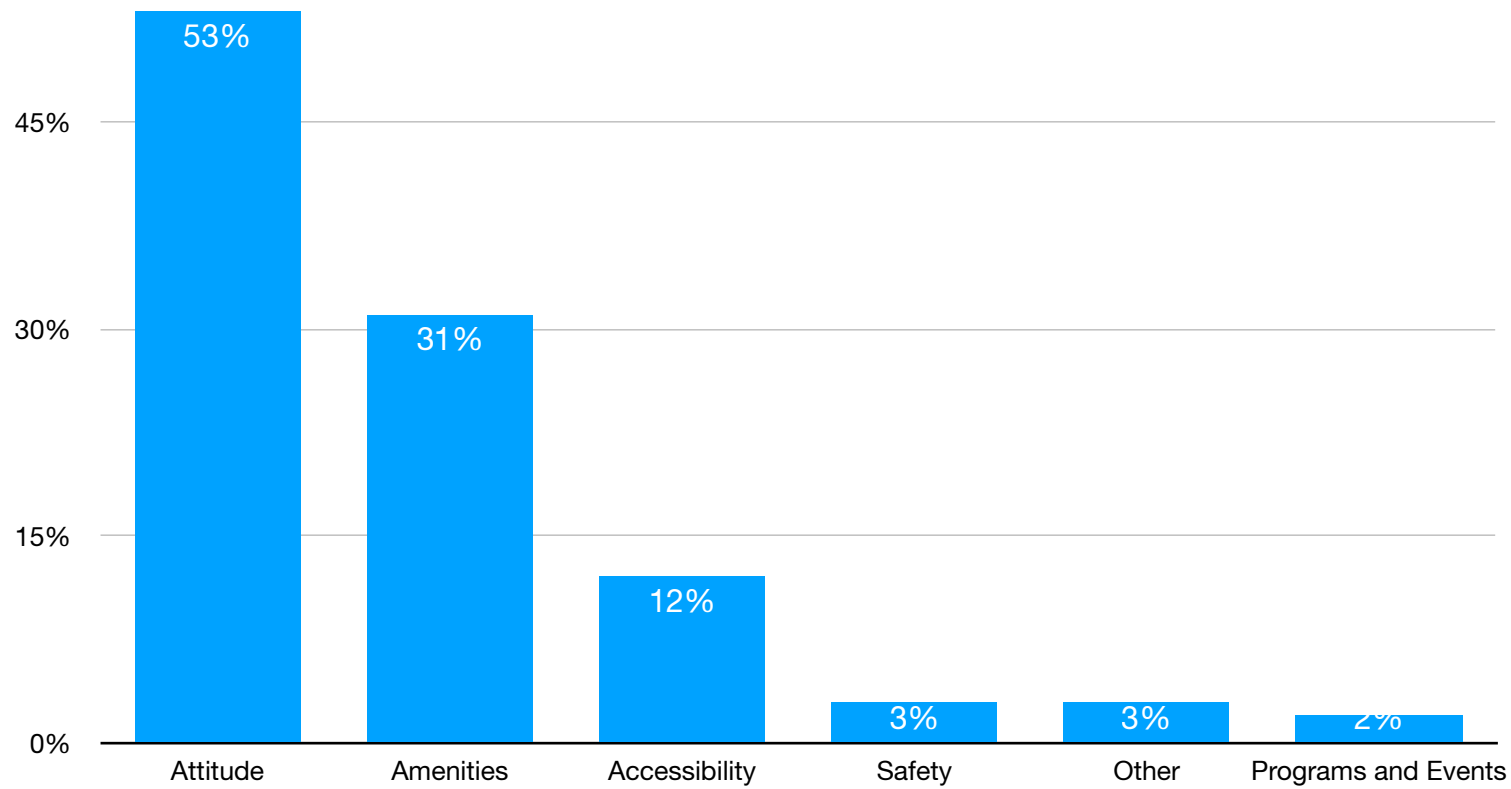
What OUTDOOR recreation amenities would you want to have in Jersey Village in the future?



What INDOOR recreation amenities would you want to have in Jersey Village in the future?

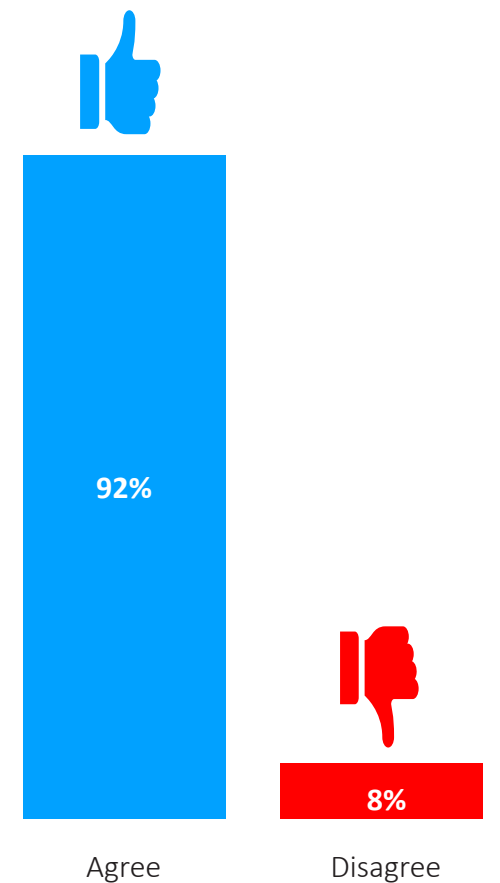
Lastly, the survey asked “Is the City doing enough to ensure that parks and facilities are accessible to all people regardless of ability? What do we need to improve?” A total of 147 open-ended comments received in this question. All responses were collected and coded into categories based on the content. The comments were categorized into six topics, Attitude (towards City’s parks and recreation performance), Amenities, Accessibility, Safety, Program and Events, and Other.

Topics Covered in the Comments



“**Attitude**” is the topic mentioned the most often in the comments. 78 comments expressed the attitude towards city’s effort on parks and recreation. 98% Participants showing high satisfaction and agree that the City is doing a great job.

Is the City doing enough to ensure that parks and facilities are accessible to all people regardless of ability?



Recreation Behavior

Another approach to identifying recreation demand is the use of “Big Data” resources available from the Environmental Systems Research Institute (Esri), a leader in geographic information systems software and data. Esri provides access to nationwide datasets about recreation behavior, based on reports from the recreation industry, retail statistics, and other sources. By querying their’ databases, rich insight is gained about recreation preferences in Jersey Village.

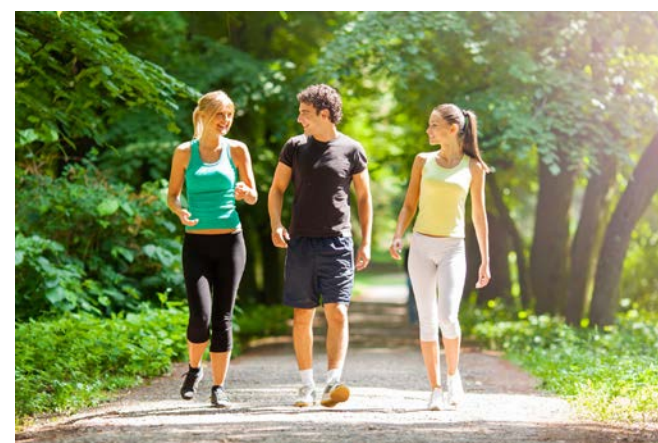
Analysis of 2019 recreation behavior data reveals that Jersey Village residents participate in a wide range of activities. The chart on the following page represents the percentage of the population in Jersey Village that participated in each activity.

In 2019, the top 10 most popular recreational activities for Jersey Village residents were:

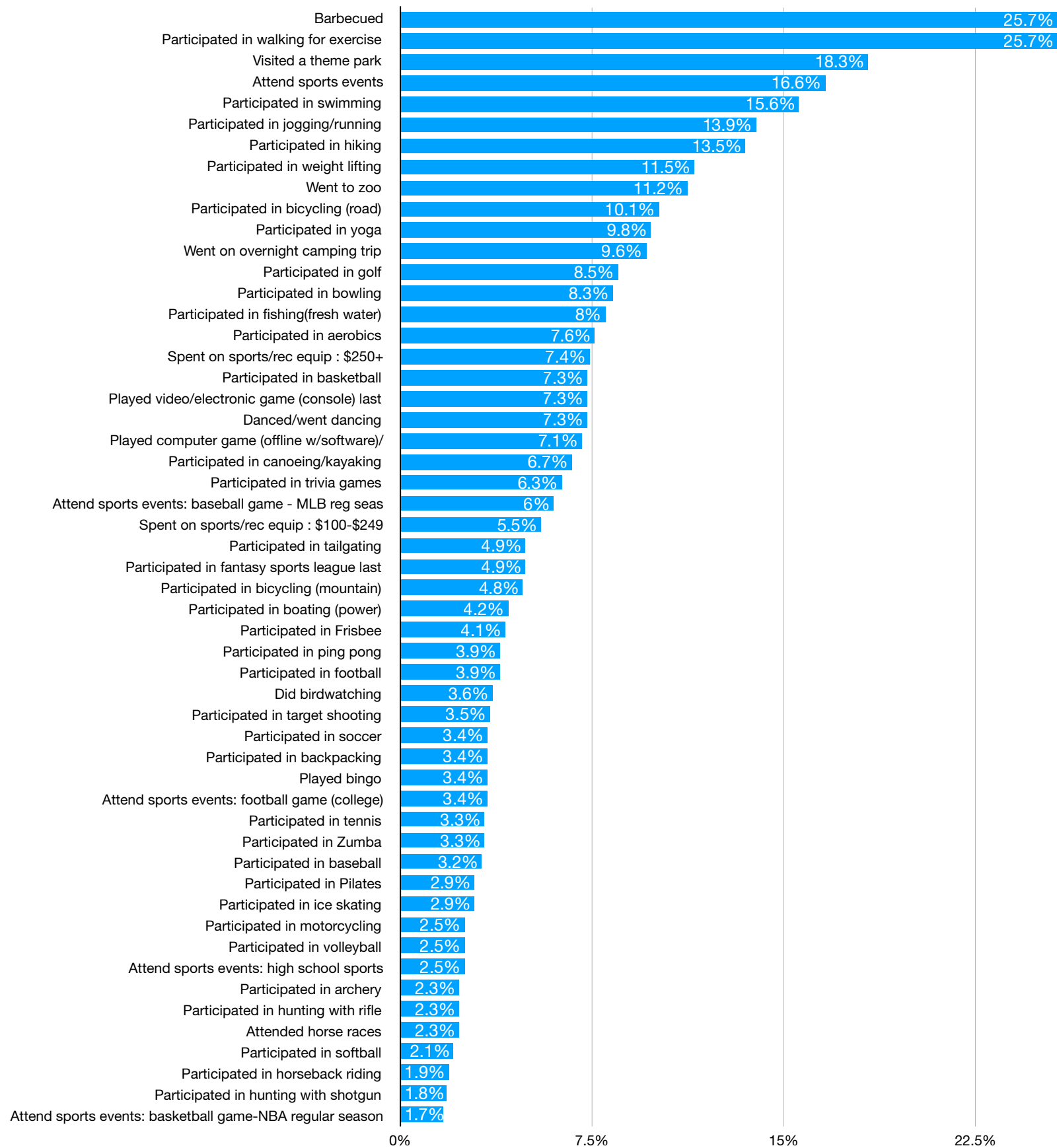
1. Barbecues
2. Walking for exercise
3. Visiting a theme park
4. Attending sports events
5. Swimming
6. Jogging and running
7. Hiking
8. Weight lifting
9. Going to the zoo
10. Road bicycling

Did You Know...?

Trails serve three of the most popular recreational activities in Texas - walking, bicycling, and running. They serve a greater number of people for less cost than just about any other recreational facility. A Texas trails study published by Texas Parks and Wildlife reported that nearly 70% of Texans walk for pleasure. This is the highest participation rate for any single recreational activity.

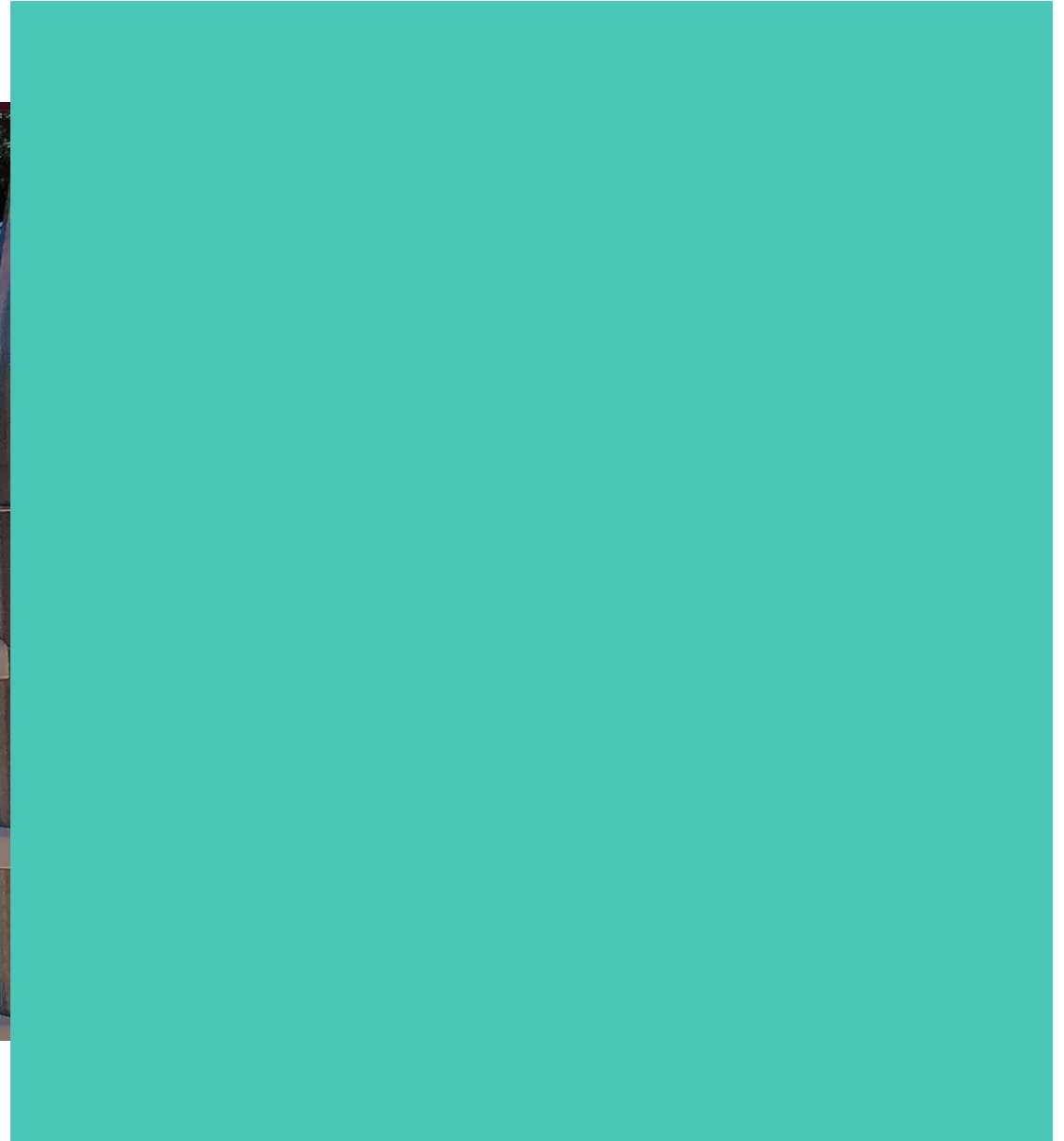


2019 Recreation Behavior by Jersey Village Residents ESRI Living Atlas





Needs Assessment



**Summary of Demand
Available Resources
Design Considerations**

Identifying Priorities for Parks and Facilities

In order to identify priority projects for development of new or improved parks, trails, and facilities; it's necessary to consider the demand for recreation, the available resources, and creative opportunities for implementation.

Summary of Demand

Residents have expressed a desire for a wide range of recreational activities and amenities. While the City can't be expected to provide every desired feature in a parks system, some of the most requested types of activities can be accommodated. Trails are in high demand with 75% of survey respondents requesting them. Other high-demand items include Natural Areas, Event Space, Fitness Equipment, Meeting Space, and amenities such as Restrooms, and Shade Structures. With limited space within existing park land, the City must be selective with what is added to the parks to prevent overloading the parks with too many features and amenities.

Available Resources

From a resource-based perspective, looking at the existing land and facilities available to the City is an important first step. Some undeveloped city-owned parcels and rights-of-way can be utilized as recreation space, and in some cases, may not even need to be developed to meet recreation needs. For instance, access to natural areas can be facilitated by designating a few undeveloped city-owned properties as open space, along with providing access via trails and/or parking space.

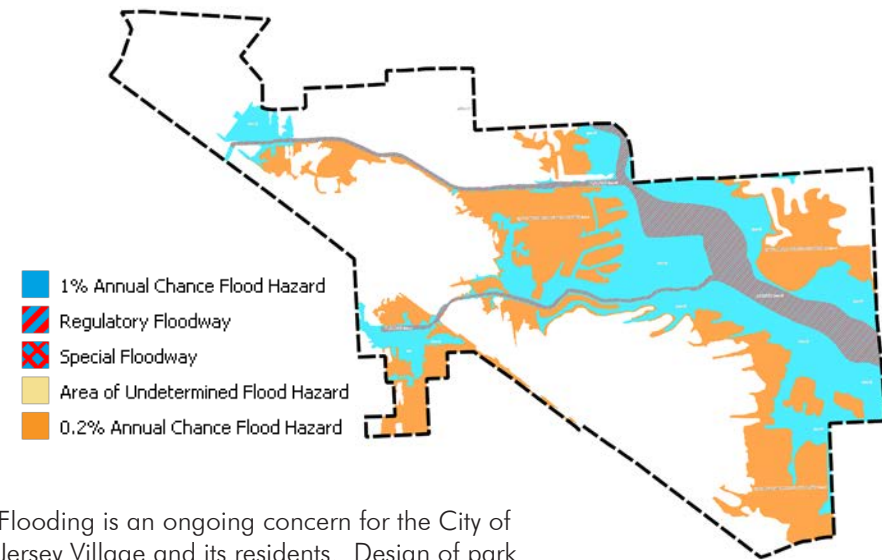
Additional opportunities for new recreation in Jersey Village include collaboration with other entities. For instance, the Harris County Flood Control District (HCFCD) maintains rights-of-way along the bayous in Jersey Village and owns two small parcels of land that could be used as parks space.

These rights-of-way offer some of the opportunity to create a trail system that cross the entire city. HCFCD has a history of working with communities to allow trails along these corridors, provided that the city takes over maintenance on the side of the channel that has trails. The trails would meet the demand for two of the most requested recreation features: Trails and Natural Areas.

Another opportunity for new park development would take advantage of undeveloped land along White Oak Bayou and Pleasant Colony Drive. The property is listed as being under the ownership of a property owners association, and may require an agreement with that organization as well as HCFCD for development. The park would fill a service gap in an area of the community that doesn't currently live within a 10 minute walk to a park.

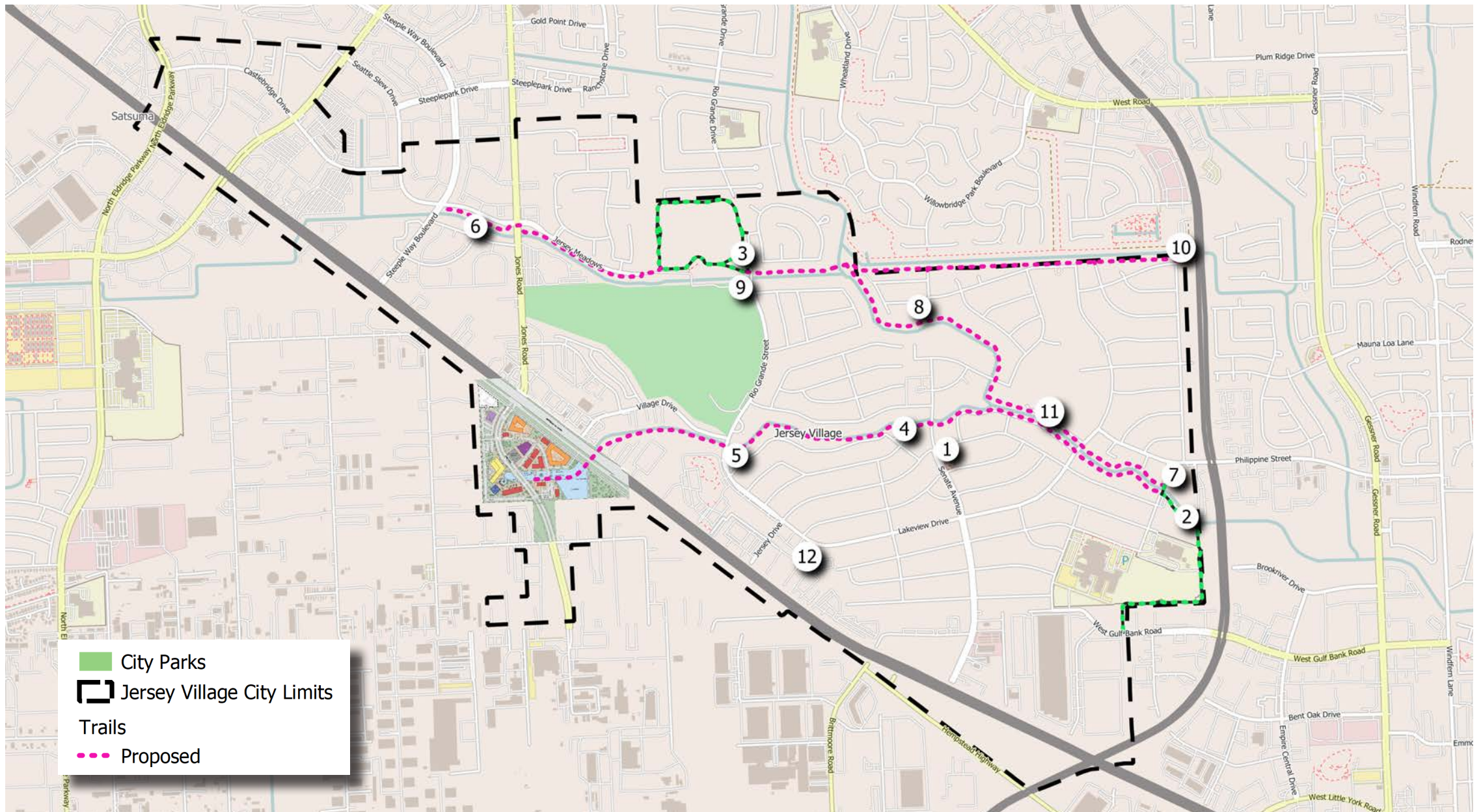


HCFCD Rights-Of-Way in Jersey Village offer significant recreation opportunities such as trails and open space. The existing collaboration between HCFCD and the City for the creation of trails and a dog park at the detention facility has been a great success.



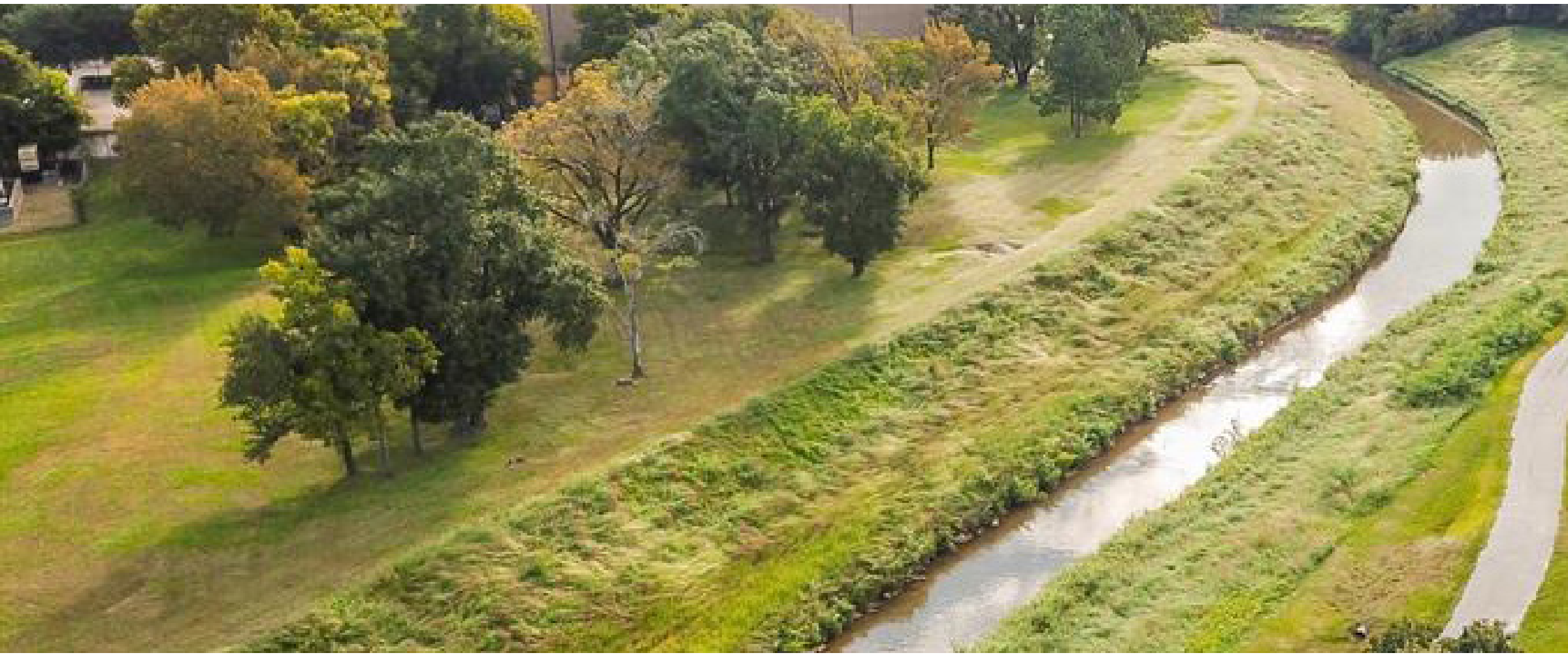
Flooding is an ongoing concern for the City of Jersey Village and its residents. Design of park improvements should include solutions that minimize increases to stormwater runoff.

Park and Recreation Opportunities



1. Improvements to Carol Fox Park
2. Improvements to Clark Henry Park
3. Improvements to Jersey Village Dog Park
4. Improvements to St. John Park
5. Improvements to Delozier Park
6. New Neighborhood Park on Pleasant Colony Drive

7. Outdoor Classroom at Phillipine Park
8. New Passive Open Space Park
9. Playground at Jersey Meadows Golf Course
10. Trailhead at Welwyn Park
11. Trails along Bayous
12. Recreation at the Civic Center



Green Infrastructure



**The Value of Greenspace
Low Impact Design**

The Value of Green Space in the Community

An often overlooked component of a City's parks and recreation system is the undeveloped green space. This green space serves a variety of important uses including nature-based recreation such as bird-watching, hiking, exploring, fishing and mountain biking.

In addition to recreation benefits, green space provides important ecosystem services such as: stormwater runoff reduction, filtration of stormwater sediments, capture and storage of greenhouse gases, wildlife habitat, and aesthetics. In park planning for the future, it is important to capture and preserve much natural space and maintained green space.

In addition to preserving natural green space, the City should consider measures for conservation of natural resources with all future design and development of park facilities. Some key benefits include:

- Water Conservation
- Energy Conservation
- Stormwater Management
- Water Quality
- Riparian Protection
- Habitat Preservation
- View Preservation

Low Impact Design (LID)

In a world of ever-decreasing natural resources and increasing development, it becomes important for the City to consider and adopt Low Impact Development (LID) techniques during design and construction of parks and facilities. Issues such as stormwater management, water quality, heat islands, and water conservation can be addressed through sound design principles.

Tools such as bio-retention of stormwater, bio-swales, use of drought-tolerant native plant materials and rainwater harvesting can effectively be implemented in park and facility designs. Use of such tools are rapidly becoming a standard practice, and in some cases is a requirement, in communities across the nation.

In addition to being a matter of good environmental stewardship, design and implementation of LID techniques in the City's projects, in particular for flood management, can also improve the City's overall rating with the Federal Emergency Management Agency's (FEMA) Community Rating System. Improving the City's score with this system can result in discounted insurance rates City-wide.

LED Lighting in City Parks

An important consideration with the replacement or installation of lighting and both parks and facilities is the use of LED lighting. LED light fixtures use remarkably less energy compared to incandescent bulbs and provide costs savings as well as promote sound environmental stewardship.

Solar Lighting in Parks

Solar technology has been advancing at a rapid pace, and the efficiency of modern photovoltaics allows for creative lighting solutions. Pavilions, parking lots, parks, and trails can all be illuminated with solar systems that reduce long-term costs and have a smaller footprint on the environment.

Detention Facilities as Parks

Storm water management structures are a part of most development these days. Often in the form of detention ponds, these facilities occupy significant land areas that could otherwise be used for park space. With consideration during the design phase of a project, such facilities could be designed to include amenities such as a pond area with a continuous water level and park amenities such as trails and picnic areas.

Rainwater Harvesting

Rainwater harvesting systems are becoming a popular tool for fulfilling two goals in City parks. These systems can reduce irrigation costs by utilizing captured rainwater from the roofs of pavilions and other structures to water the park landscape. Additionally, these systems can serve as educational components of the parks system, acting as demonstration facilities with educational signage to explain the value of the tool for the environment.

Floodplain and Riparian Corridors

Floodplain and riparian corridors offer excellent opportunities for recreation, often providing long continuous connections through the community. Jersey Village has bayous crossing through the City that should be considered a part of the parks system. Developing natural or low-impact trails with decomposed granite surfaces would provide recreational access without impacting the floodplain and sensitive environmental areas

LED lighting is available for replacement of existing bulbs in parks or as a complete solution when choosing light standards for new facilities. Cost savings over the long-term are significant given the low energy requirement and long lifespan of the bulbs.



Bio-swales, similar to drainage ditches, utilize selected vegetation to filter and slow down stormwater runoff prior to its drainage into the water shed. These bio-swales can be designed using native vegetation adapted to the area, requiring minimal maintenance.



Solar powered lighting can be used along pathways without the need to connect to the electrical grid.



Detention ponds are necessary part of development. Taking advantage of the open space during dry periods is an excellent way to expand recreation opportunities in the community. The facility above is utilized for soccer during dry periods.

Rainwater harvesting should be considered during the development of future pavilions. The above example captures rainwater from a pavilion roof top and stores it in a 5,000 tank for use in irrigation of the park landscape.





Priority Projects



**Park Improvements
Hike and Bike Trails
Indoor Recreation**

Improvements to Carol Fox Park

Carol Fox Park is the most frequently visited park in Jersey Village and is rich with recreation features. Even though the park is loaded with amenities, residents have indicated a desire for a number of improvements to enhance the visitor experience.

The park is most frequently visited by families with young children, due to the excellent variety of play structures and centralized location of the park within the community. One priority identified in the online survey was the need for a public restroom at this park. With young children, this is an important amenity to consider providing.

The park also includes a sand volleyball court that could be enhanced with the addition of lighting to allow for extended use of the court in the evenings.

A summary of proposed improvements include the following features:

- Restrooms
- Shade sails over the play areas
- Shaded picnic areas with grills
- Walking paths





Improvements to Clark Henry Park

Clark Henry Park is a popular recreation destination for Jersey Village residents. The park is home to many of the community events and festivals, and it's used daily for activities ranging from swimming in the summer months, to playground use, to active sports play. The local sports program, hosted by i9 Sports® facilitates youth baseball and soccer play during the Spring and Fall months. During other times of the year, the open space is utilized for local pick-up games, kite flying, and many other activities.

As the largest park in the city's inventory, Clark Henry Park is the ideal location for large events, so an amphitheater would be a welcome addition to the park for performances such as concerts, movies in the park, etc. In the proposed redevelopment concept, an amphitheater is shown with a small stage and lawn seating.

To elevate the sports play experience, a multi-use sports field is proposed that can accommodate baseball and softball in the same space, while remaining flexible for other uses that may arise. Multi-use sports fields are designed to be flexible for a variety of sports including Soccer, Baseball, Softball, Football, LaCrosse, and more. With striping to accommodate a range of fields dimensions for varied age groups, game play can shift rapidly between sports.



i9 Sports League Field Usage	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Youth Soccer League Age 3-9												
Youth Soccer League Age 3-12												
Youth Soccer Clinic Age 4-12												
Youth Baseball League Age 3-5												
Youth Baseball Clinic Age 4-13												
Youth Baseball League Age 3-6												

One challenge with multi-use fields is the need to adjust schedules to avoid conflict between sports. The table above shows the league play schedule for i9 Sports® Youth Baseball and Youth Soccer. There are some conflicts that would need to be adjusted with the schedule to make the best use of the proposed field.



Improvements to the Jersey Village Dog Park

The Jersey Village Dog Park is one of the more recent additions to the parks system and is a popular facility for residents. Input from the online survey reveals a need for shade structures in the park to provide a cool rest area for dogs and their owners. Also desired is an internal walking path within the fences of the park, as the existing trails outside the fences.

Google Reviews gives this park 4.6 stars, with comments from users praising the beautiful landscape, ample space, and amenities. One comment requested a swimming area within the fenced park, and that might be a good consideration for the future.

The proposed concept for improvements to the dog park includes three shaded seating areas and a loop walking path.



Residents have requested a loop walking path within the dog park. Seating along the path would provide a convenient rest stop.



Providing shaded seating areas within the dog park can enhance the user experience on hot summer days.



Strategically locating an additional water fountain provides critical hydration for humans and dogs alike.



Improvements to St. John Park

With limited new park land available in Jersey Village, it's important to make the most use of existing parks within the City. St. John is a passive park in Jersey Village, situated in a cul-de-sac on St. John Court. The park offers a quiet place in the neighborhood to sit in the shade and relax. With some improved amenities such as new site furnishings, pathways, and landscape elements; the park may see increased usage.

The proposed concept for improvements to St. John Park includes a plaza with crushed granite surfacing and decorative seat walls. Within the plaza there would be picnic tables for neighborhood gatherings, with benches, lighting, and a bike rack in the park as well. Also proposed are pathways to provide ease of access to and within the park. Existing trees will be protected during development to maintain the shade and aesthetics currently available on site. The proposed light fixture would include outlets for powering seasonal Christmas decorations in keeping with Jersey Village traditions.



Example of picnic plaza with seatwalls and crushed granite surface.



A small fire pit can elevate the experience for neighbors withing to gather in the evenings.



View of St. John Park. The park offers ample open space within the mature tree canopy.



Improvements to Delozier Park

Delozier Park is an underutilized property in the parks system that offers the opportunity to provide additional amenities that make the space more inviting. As a popular spot for area residents to get together, providing a large pavilion as a gathering space can elevate the user experience. A proposed playground would provide something for children as well. The park sits across the street from a large park owned by Champion Forest Baptist Church, and the proposed amenities are seen as complementary to the Church's offerings.

Additional amenities proposed include the following:

- Benches
- Bike Racks
- Lighting
- Crushed Granite Plaza
- Seat walls
- Picnic Shelter
- Pathways
- Landscaping





Proposed Neighborhood Park on Pleasant Colony Drive

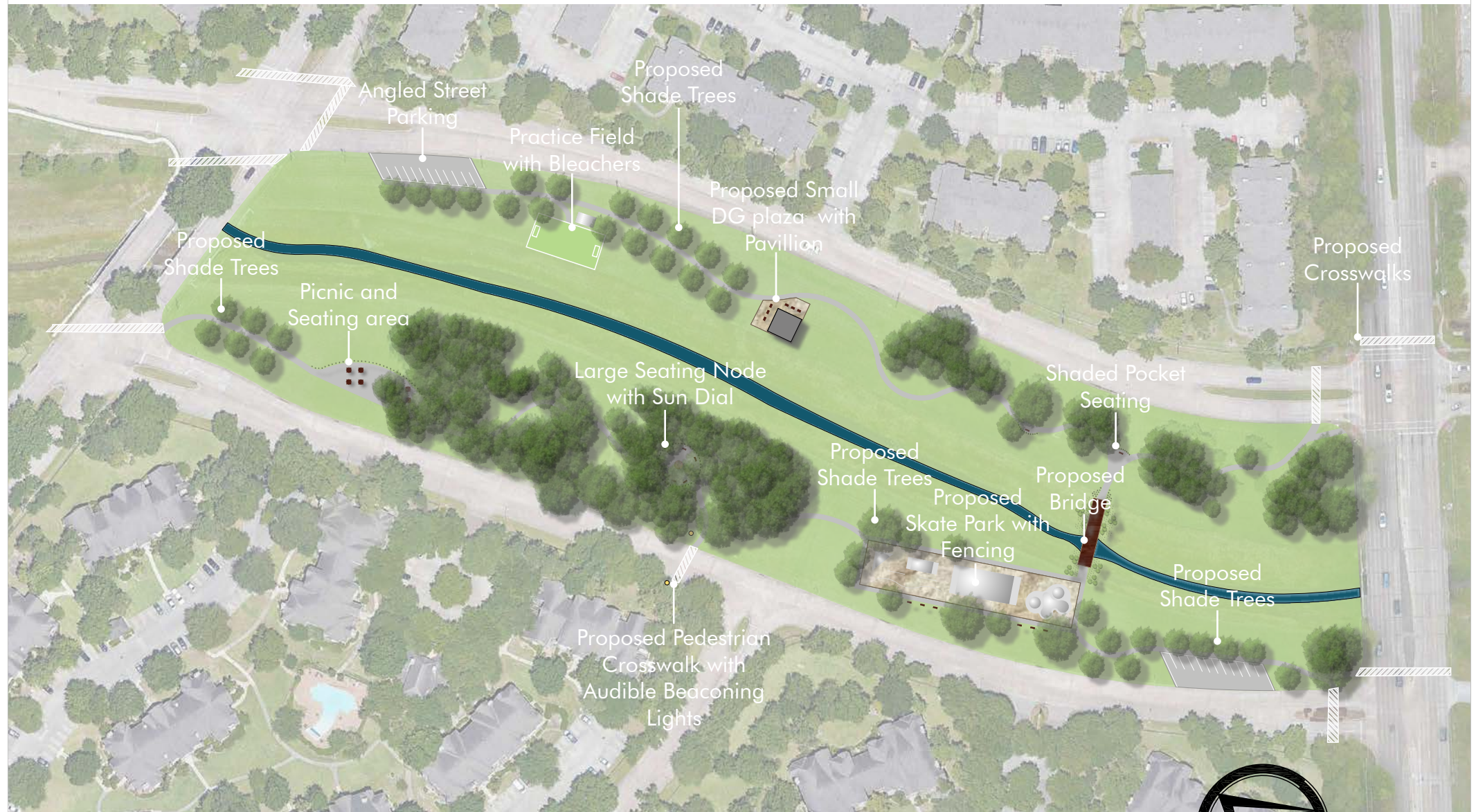
Along Pleasant Colony Drive and Seattle Slew Drive west of Jones Road, there is property along both sides of White Oak Bayou that could offer approximately 6.5 acres of new park land to the City. The property currently is shown on the tax rolls to be owned by the Steeplechase Park Owner's Association, and therefore would require either acquisition of the land or execution of an interlocal agreement for development.

This area of Jersey Village is underserved with regards to recreation and is one of the most significant service gaps in the parks system. With multifamily residential development along Pleasant Colony Drive, providing a neighborhood park is a priority for the area.

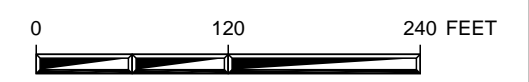
The proposed concept offers a rich selection of features and amenities including the following:

- Pavilions
- Playground
- Mult-use Field
- Workout Stations
- Skate Spot
- Restroom
- Trails
- Parking
- Lighting
- Landscaping





GRAPHIC SCALE



Improvements to Phillipine Park

Phillipine Park is a quiet, passive park with ample shade and a minimum of amenities. The park offers plenty of open space for recreation such as taking a walk, reading a book, or other passive activities. The majority of the park resides within the Regulatory Floodway, thereby limiting most types of development such as structures. There is, however an opportunity to add features such as walking paths and a nature-themed playground. Other proposed amenities include site furnishings such as picnic tables, a bike rack, and benches.

The park is located within walking distance of E.S. Post Elementary and is adjacent to the Village Learning Center. With education in mind, the proposed concept includes an outdoor learning center that would be comprised of a pavilion structure with seating and an open 'outdoor learning ring' that provides an environment outside the classroom for teaching under the shade of trees.





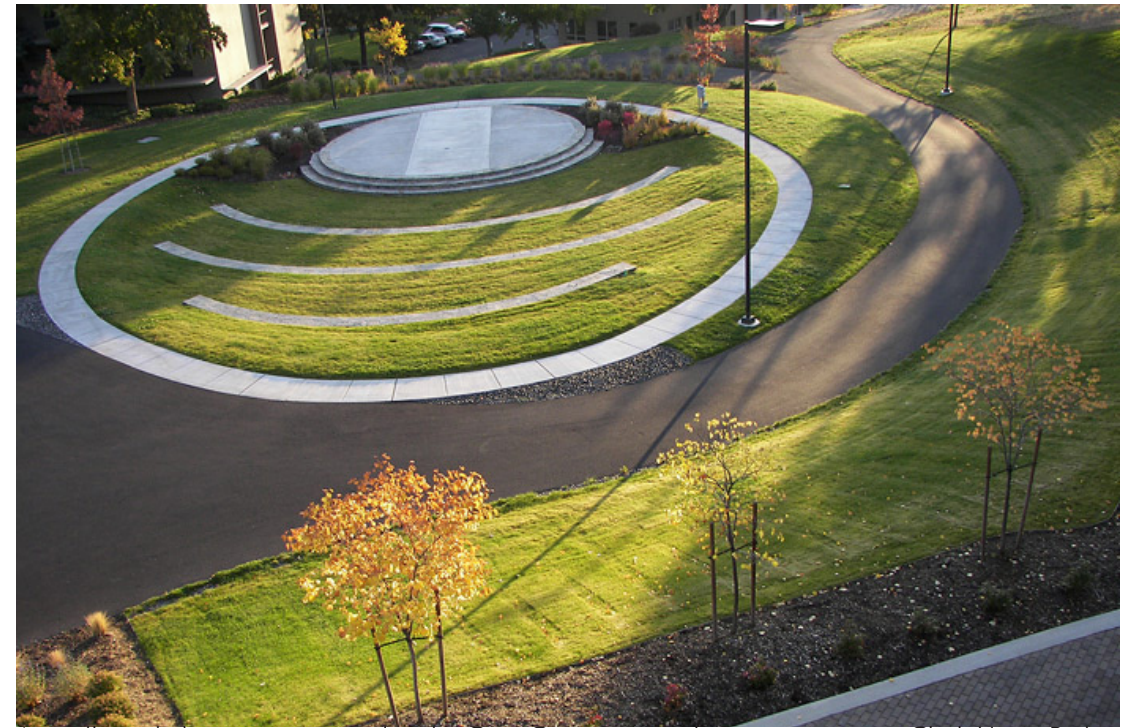
Recreation at the Civic Center

The existing Civic Center is a building that has changed use over time. Once a Church for many years, the City took ownership and converted it into a multi-purpose facility that serves as City Council chambers, offices for the Parks and Recreation Department, and is home to various events and activities throughout the year. The outside area is home to the monthly Farmer's Market, a popular event in the community.

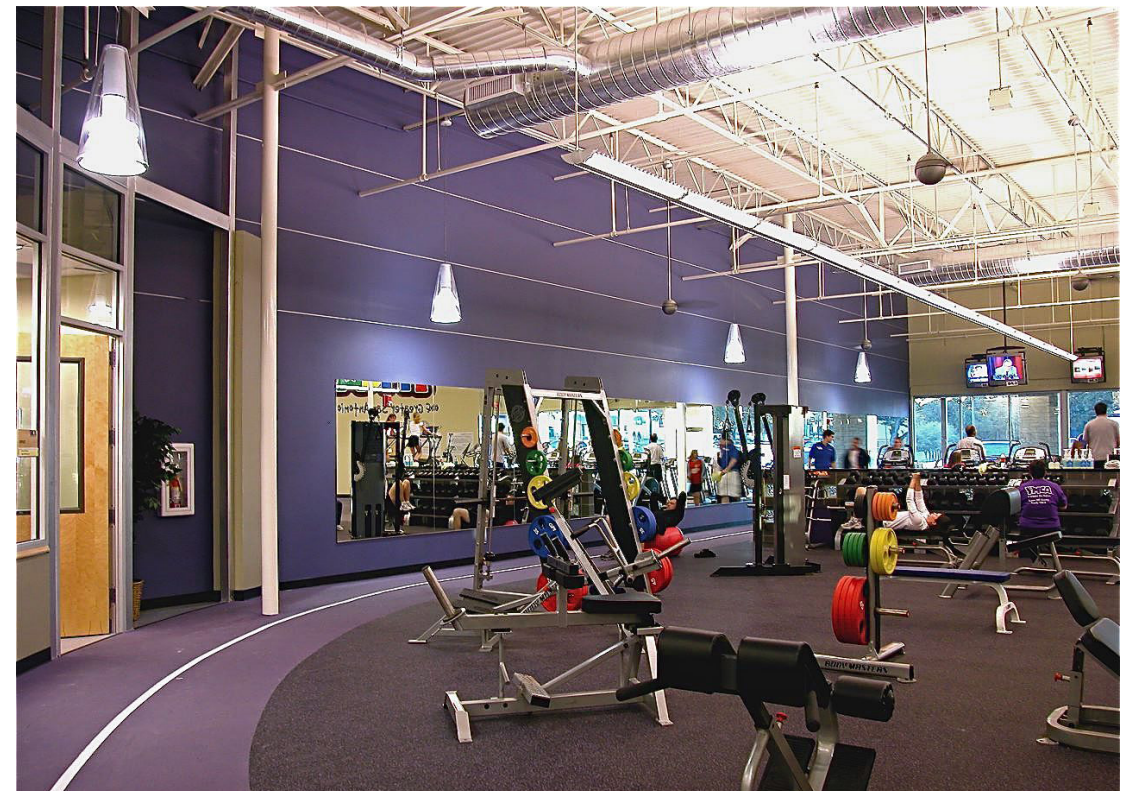
As the City looks forward to development of a new City Hall in the future Village Center development, the property is primed for re-use once again. The City plans to dedicate the property to the Parks and Recreation Department, and the question then becomes: "how do we best utilize the site and facilities?". The site offers an opportunity to formalize some space for outdoor events. As alternative to a proposed amphitheater at Clark Henry Park, one could be developed at the Civic Center for a wide variety of community events.

The Civic Center facility itself is a sound structure that has the chance to be re-purposed for recreation. While not capable of hosting all types of indoor activities such as swimming, running, or basketball, the building has ample room to create indoor recreation opportunities. Some activities that are ideally suited for a building like this include fitness equipment, weight rooms, studios for yoga and similar activities, and multi-purpose rooms that are flexible for programmed activities and rental.

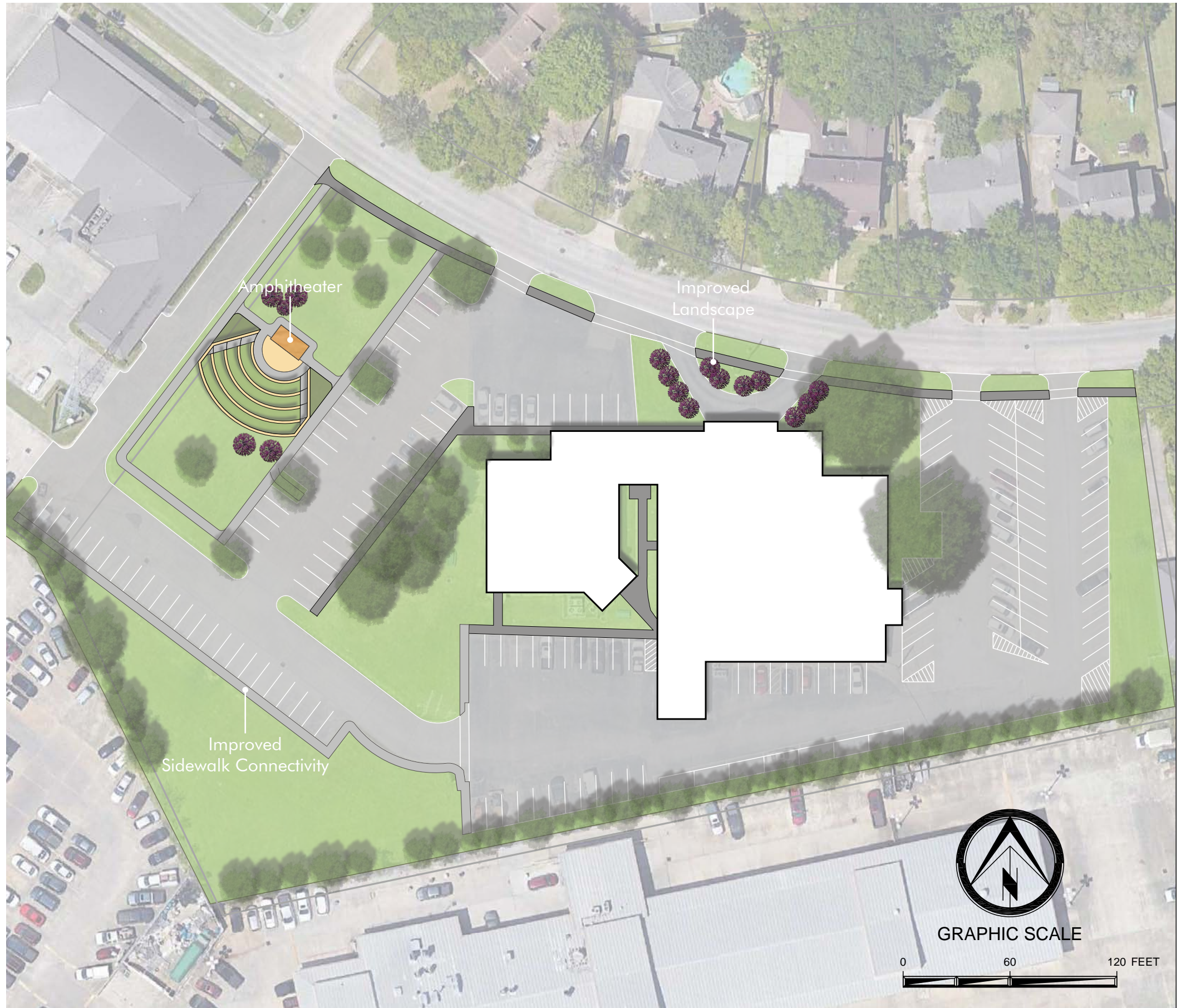
Conversion of the Civic Center to a recreation facility requires a intensive evaluation of the structure and programming of amenities that goes beyond the scope of a master plan. It is recommended that a separate feasibility study be conducted to delve into the architectural opportunities and constraints, identify a suitable program for improvements, and establish opinions of probable cost.



A small amphitheater is proposed at the Civic Center as an alternative to one at Clark Henry Park.



Non-traditional use of buildings for recreation is more common than one may think. One example is the City of Boerne, TX, where for many years they partnered with the YMCA to operate a recreation center within a local retail strip center. Such an example illustrates that re-use of existing buildings can be a feasible and cost-conscious means of accomplishing community goals.



Proposed Passive Open Space Park

An existing City-owned property and adjacent right-of-way along White Oak Bayou near the intersection of Kube Court and Senate Avenue offers an opportunity to add an approximate 2.0 acres of new park land. The parcel is partially forested and resides behind a row of houses, lending it to use as a passive open space rather than a highly-developed park. A proposed hike and bike trail along the bayou would connect to the park along, providing a rest stop along the way.

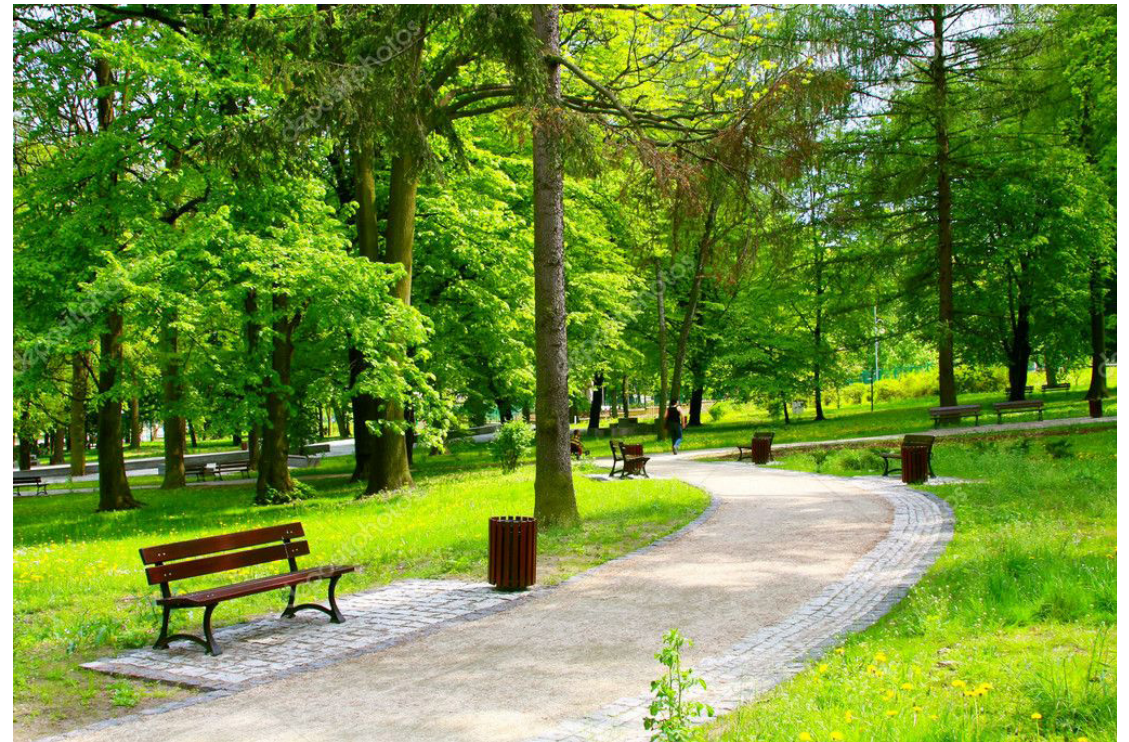
The proposed amenities include a small parking lot, interior pathways, a water bottle filling station, and interpretive signage describing natural features in the area. Benches and picnic tables would be located at scenic points within the park.



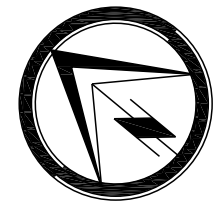
This park is envisioned as a relaxing location to get away for a few hours in the quiet shade along White Oak Bayou.



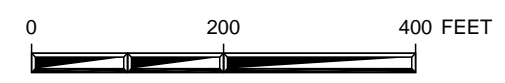
As a destination along the proposed city-wide trail system, park users and trail users alike will benefit from access to drinking fountains.



Proposed pathways within the park would connect to the larger trail system along White Oak Bayou that crosses the entire community.



GRAPHIC SCALE



Proposed Playground at Jersey Meadow Golf Club

The Jersey Meadow Golf Club is owned and operated by the City of Jersey Village. The club is home to regular golf play and tournaments for all ages. With active youth programming, entire families will often visit the club, many with young children in need of entertainment while older siblings are playing golf.

Adding a playground to the Club would provide a much-needed activity area for younger children. The location of the playground should be close to the Country Club and proposed Convention Center. The concept shows the proposed location just to the west of the Country Club near the termination of Hole #18. Because of this, a netting system would be required to protect against airborne golf balls.





Proposed Trails along White Oak Bayou

Jersey Village has a complete network of sidewalks throughout the City, however only has one trail dedicated to recreation. The bayous that transect the City present the opportunity to provide pedestrian and bicycle connections across town, linking parks, neighborhoods, and public spaces.

The rights-of-way along the bayous in Jersey Village are owned and maintained by the Harris County Flood Control District (HCFCD). Should the City develop these trails along the bayous, the design and construction must meet the standards established by HCFCD, and the City will be required to maintain the right-of-way from then on. It will be important to consider the added maintenance costs when moving forward with this project, however the benefits of this addition to the park system may outweigh this cost. A total of 5.6 miles of trails are proposed.

The proposed trail along the southern tributary of White Oak Bayou is planned to connect to the future Village Center along SH 290. The planned route works well with the proposed design of the Village Center, however crossing SH 290 would require routing the trail under the highway bridge with a culvert/tunnel. If this is not feasible due to cost, the route can be realigned to cross at the intersection of Jones Road and SH 290.



Trailhead opportunity at Welwyn Park. The existing gate could be modified to allow access to a proposed trail along the bayou.

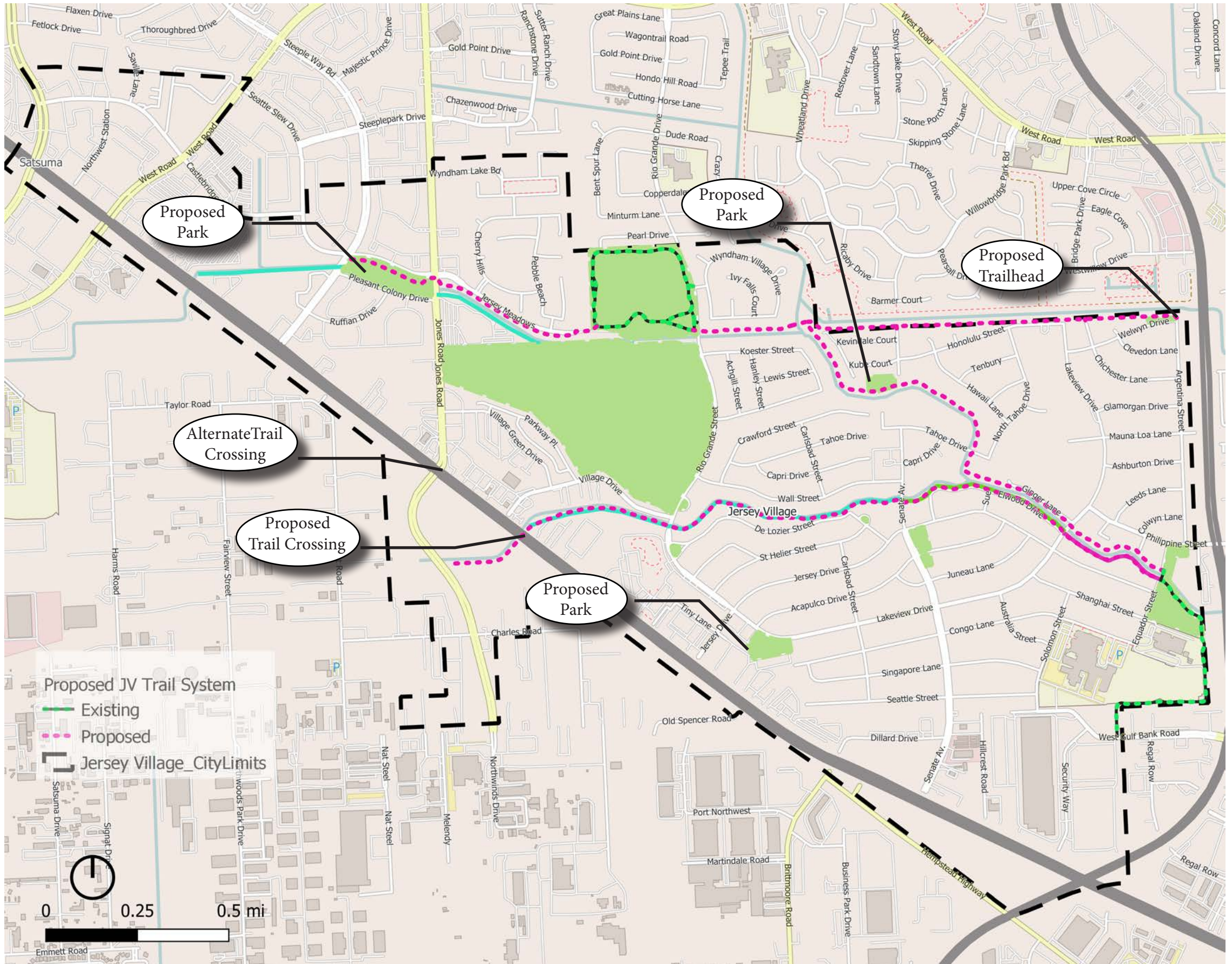


Example of a pedestrian bridge crossing along Brays Bayou in Houston, TX.



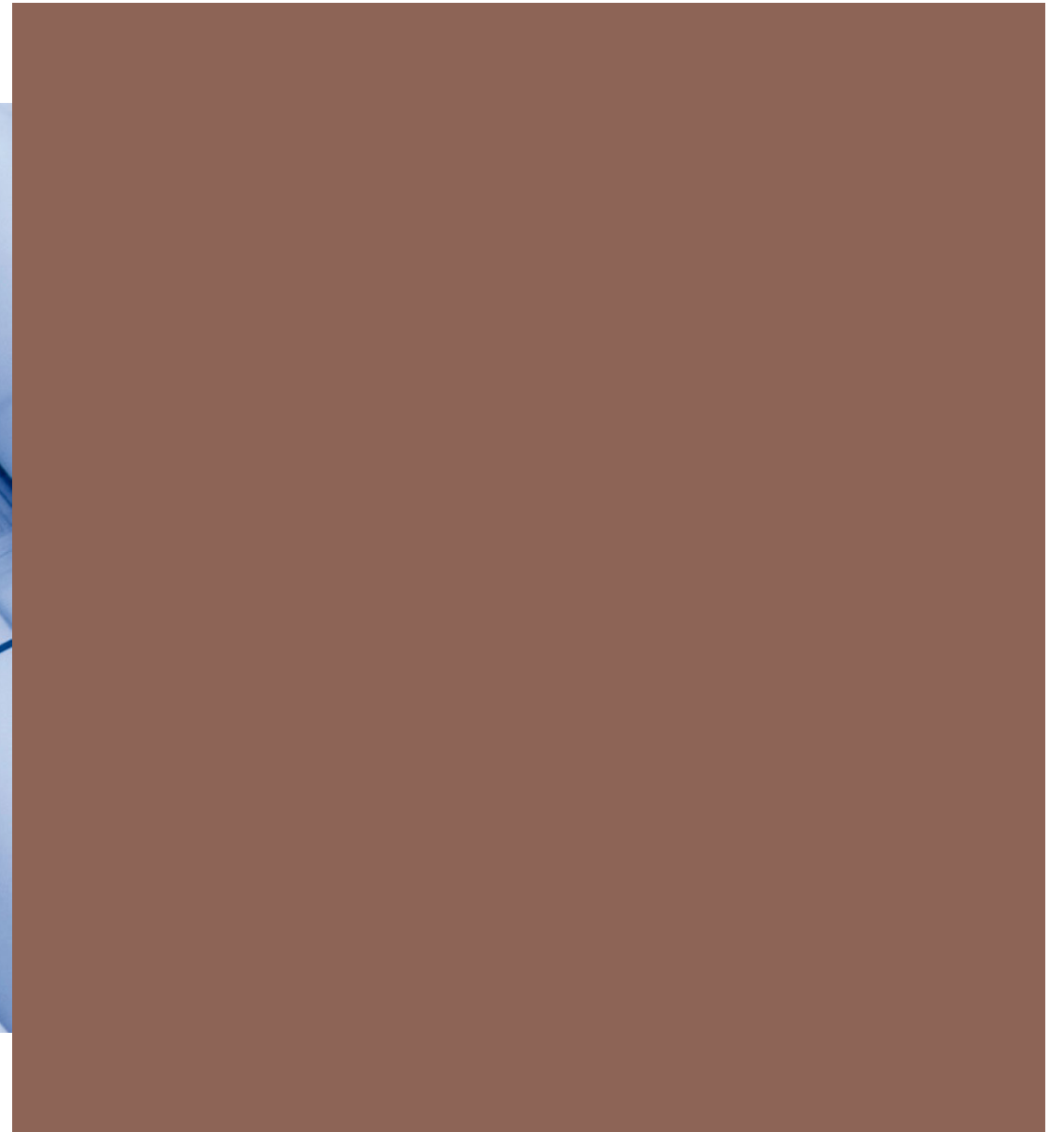
Existing hike and bike trail along White Oak Bayou in Jersey Village.

Proposed Jersey Village Trail System





IMPLEMENTATION PLAN



Project Prioritization
Priority Projects
Project Design and Construction
Funding Opportunities

Project Prioritization

The *Parks Master Plan* identifies the priority projects for parks and recreation, and justification through stakeholder input. However, the timing of project implementation is largely a function of funding availability and the City's will to move forward on a given project.

Priority Projects

The following Priority Projects have been identified for consideration in this plan:

1. Improvements to Carol Fox Park
2. Improvements to Clark Henry Park
3. Improvements to Jersey Village Dog Park
4. Improvements to St. John Park
5. Improvements to Delozier Park
6. New Neighborhood Park on Pleasant Colony Drive
7. Outdoor Classroom at Phillipine Park
8. New Passive Open Space Park
9. Playground at Jersey Meadows Golf Course
10. Trailhead at Welwyn Park
11. Trails along Bayous
12. Recreation at the Civic Center

City Council may elect to implement all or none of the projects identified in this master plan. These projects should be viewed as opportunities, however the plan does not commit the City to any given project for implementation.

Project Design and Construction

When it comes to parks and recreation planning, identifying the needs of residents and developing a vision for the future parks system are important first steps. Once a project has been identified and approved for further study, the process of funding, design and construction can begin.

The proposed parks projects would likely be funded through a municipal bond, while also exploring other funding mechanisms. Following a decision to move forward on a priority project, the City will need to engage a qualified design team to further program the details of the project.

The Design Development phase of this process will allow the City to further refine the important details that bring the park and recreation project to life. This process will include several iterations of projected costs, revisions and refinements that ultimately will be turned into construction documents. It is important during to continue to gather input from stakeholders during this process to ensure that key details are not left out.

Construction documentation, bidding and construction of the project is the phase where it will be important to have the right team for the job. Quality construction documents followed by strict adherence to the drawings during construction administration will ultimately determine the quality of the end result. All too often great projects are turned over to a general contractor to be completed with insufficient supervision, resulting in poor performance, change orders and added costs. The City will need the designer to act as an advocate for the City throughout the construction process to ensure success.

As the City continues with improvements and additions to the parks system, funding is often the key player in the decision making process. On the following pages are a variety of State and Federal grant programs available to aid cities in the enhancement of parks and recreation facilities and other public space projects.

Funding Opportunities

As the City continues with improvements and additions to the parks system, funding is often the key player in the decision making process. The following are the primary funding mechanisms for the Parks and Recreation Department. Additionally, there are a variety of State and Federal grant programs available to aid cities in the enhancement of parks and recreation facilities and programs.

Special Revenue Funds - Hotel/ Motel Occupancy Tax Fund

This fund is used to account for proceeds from hotel occupancy taxes received during the year. Expenditures from this fund are restricted to tourism activities. An appropriations style budget is adopted for this fund on an annual basis. Examples of activities that may qualify for use of this fund are festivals, farmer's market, and similar events that can attract visitors to the community.

Special Revenue Funds - General Obligations Bonds

Funds used to account for the receipt of bond funds and the expenditures of such funds to construct/improve various public buildings, purchase of land for parks and recreation facilities, street improvement projects and sidewalk construction.

Community Development Block Grants

The Department of Housing and Urban Development (HUD) provides assistance to communities across the nation for a wide range of activities through the Community Development Block Grants Program. These funds are often distributed to individual communities by the state as match-grants to fund projects supporting economic development and improved quality of life. Texas Parks and Wildlife Department awards grants from this program annually to develop and enhance parks and open space.

Certificates of Obligation

A certificate of obligation (CO) is a debt instrument that can be issued by a city, county, or health/hospital district to: (1) pay for the construction of a public work; (2) purchase materials, supplies, equipment, machinery, buildings, land, and right-of-way for authorized needs and purposes; and (3) pay contractual obligations for professional services. COs function similarly to bonds, but with fewer procedural requirements. COs are issued for terms of up to 40 years and usually are supported by property taxes or other local revenues.

TRPA Grants Program (match grants)

Local Parks Non-Urban Outdoor - potential funding: \$750,000

Small Community - potential funding: \$150,000

Recreation Trails - potential funding: \$200,000

The Texas Recreation and Parks Account (TRPA) is funded by a portion of Texas sales tax received on selected sporting goods. These grants are awarded to applicants annually at varied levels depending on project type and available resources for the funding cycle. These funds are administered by the Texas Parks and Wildlife Department's Recreation Grants Branch for five programs including 1) Outdoor Recreation 2) Indoor Recreation 3) Small Community 4) Regional 5) Community Outdoor Outreach Program.

Transportation Equity Act (SAFETEA-LU) - Recreation Trails Program

The Transportation Safety Act, also known as the Safe, Accountable, Flexible, Efficient Transportation Act: A Legacy for Users (SAFETEA-LU), provides for the distribution of funds from the Federal Highway Administration (FHWA). The Federal Highway Administration is the largest source of funding for shared use paths, trails and related projects. The Recreational Trails Program, an assistance program to FHWA, distributes funds for a range of activities including:

- Maintenance and restoration of existing trails.
- Development and rehabilitation of trailside and trailhead facilities and trail linkages.
- Purchase and lease of trail construction and maintenance equipment.
- Construction of new trails (with restrictions for new trails on Federal lands).
- Acquisition of easements or property for trails.
- Assessment of trail conditions for accessibility and maintenance.

- Development and dissemination of publications and operation of educational programs to promote safety and environmental protection related to trails (including supporting non-law enforcement trail safety and trail use monitoring patrol programs, and providing trail-related training) (limited to 5 percent of a State's funds).
- State administrative costs related to this program (limited to 7 percent of a State's funds).

National Recreational Trails Fund

TPWD administers the National Recreational Trails Fund (NRTF) in Texas under the approval of the Federal Highway Administration (FHWA). The National Recreational Trails Fund supports recreational trail construction, renovation and acquisition. The grants are funded from a portion of the federal gas tax generated by gasoline purchases for off-road motorcycles and four-wheelers. Thirty percent of the total NRTF grants must be earmarked for motorized recreational trails, while another 30 percent must be spent on non-motorized trail projects. The remaining 40 percent is discretionary. The reimbursable grants can be up to 80% of project cost with a maximum of \$200,000 for non-motorized trail grants and a maximum award of \$400,000 for motorized (off-highway vehicle) trail grants.

In May 2019, the Texas Parks and Wildlife Commission approved \$3.81 million dollars in grants to fund 22 motorized and non-motorized recreational trail-related projects across the state.

Funding a Project

One of the most important considerations during plan implementation is deciding how to fund a project. On previous pages, a variety of mechanisms were described for funding a parks and recreation capital project. Funds may come from one or multiple sources, and a very common one is the use of General Obligation Bonds.

General Obligation Bonds are paid for with ad valorem revenues (property taxes), and therefore they are subject to voter approval. Because of this, it's important for voters to understand the financial impact on their households over the life of the bond.

Below is an analysis that evaluates the cost for each proposed project as a function of how much property tax will be paid per household each year to fund the capital costs. This cost varies depending on the taxable value of a given property. For instance: If Clark Henry Park improvements are funded by a bond, a \$300,000 household would pay approximately \$20 each year for 15 years to pay for the project, while a property valued at \$500,000 would pay \$33 per year.

Assumptions and Considerations

It's important to understand that the analysis below only considers bond funding with an assumed 15-year payment period at a conservative 3% debt service. Interest rates and payment terms can vary, however the analysis helps to put things into perspective and inform voters.

Also of importance is to understand that just because a General Obligation Bond is used to fund a project, it doesn't necessarily mean that property taxes will go up. In most communities, old debt periodically rolls off of the books as bonds are paid off. This is often an appropriate time to sell new bonds to pay for capital projects without requiring residents to 'feel the impact' of new taxes.

Capital Project	Project Cost Estimate (avg. low-high)			Annual Cost per Valuation			
	Probable Cost	Annual Debt Svc	I&S Rate per \$100 Value	\$200,000	\$300,000	\$500,000	\$800,000
Improvements to Clark Henry Park	\$849,300	\$71,143	0.007	\$13	\$20	\$33	\$54
Improvements to Carol Fox Park	\$557,339	\$46,686	0.004	\$9	\$13	\$22	\$35
Improvements to Phillipine Park	\$833,518	\$69,821	0.007	\$13	\$20	\$33	\$53
Improvements to Civic Center	\$523,009	\$43,811	0.004	\$8	\$12	\$21	\$33
Improvements to Delozier Park	\$397,150	\$33,268	0.003	\$6	\$9	\$16	\$25
Proposed Playground at Jersey Meadow Golf Club	\$348,999	\$29,234	0.003	\$6	\$8	\$14	\$22
Improvements to Jersey Village Dog Park	\$227,175	\$19,030	0.002	\$4	\$5	\$9	\$14
Improvements to St. John Park	\$72,587	\$6,080	0.001	\$1	\$2	\$3	\$5
Proposed Pleasant Colony Park	\$2,602,115	\$217,970	0.021	\$41	\$62	\$103	\$164
Proposed Passive Open Space Park	\$519,474	\$43,515	0.004	\$8	\$12	\$20	\$33
Proposed Hike and Bike Trail System	\$2,985,556	\$250,090	0.024	\$47	\$71	\$118	\$188

*annual cost per valuation based on 2019 City tax rates and total property valuation

*assumes 3% debt service and 15-year bond

APPENDIX



Opinions of Probable Cost for Proposed Projects Maintenance Costs

Opinion of Probable Costs (OPC) DRAFT

Item / Description	Qty	Unit	Rate	Cost
1 Site				\$85,833
1.1 General Requirements/Mobilization	1	5%	\$0.05	\$23,843
1.2 Sitework	1	7%	\$0.07	\$33,380
1.3 Demolition/Clearing & Grubbing	1	3%	\$0.03	\$14,306
1.4 Utilities	1	3%	\$0.03	\$14,306
2 Parking				\$-
3 Structures				\$80,000
3.4 Amphitheater Stage	1	ea	\$80,000	\$80,000
4 Hardscapes				\$61,350
4.1 Concrete Sidewalks	950	lf	\$33	\$31,350
4.2 Site Furnishings (litter, benches, bike racks, picnic)	1	allow	\$30,000	\$30,000
Amphitheater Lawn	1	allow	\$40,000	\$40,000
5 Play Amenities				\$230,000
5.2 Nature Playgrounds - 2-5/5-12	1	ea	\$80,000	\$80,000
5.5 Open Fields (multi-use)	1	ea	\$150,000	\$150,000
6 Landscape				\$105,500
6.1 Landscape Beds & Mulch	5000	sf	\$16.50	\$82,500
6.2 Irrigation - Planting Beds	5000	sf	\$2.10	\$10,500
6.3 Tree Preservation	1000	lf	\$12.50	\$12,500
Subtotal				\$562,683
Contractor's OH/Markup				\$140,671
Contingency				\$35,168
Total				\$738,521
Professional Services Allowance		15%	\$0.15	\$110,778
Total Project Cost Range				\$849,300

Improvements to Clark Henry Park

Burditt Consultants has no control over the cost of labor, materials, equipment, or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions. Burditt Consultants cannot and does not guarantee that proposals, bids or actual construction will not vary from opinion of probable costs.

Opinion of Probable Costs (OPC) DRAFT

Item / Description	Qty	Unit	Rate	Cost
1 Site				\$56,327
1.1 General Requirements/Mobilization	1	5%	\$0.05	\$15,646
1.2 Sitework	1	7%	\$0.07	\$21,905
1.3 Demolition/Clearing & Grubbing	1	3%	\$0.03	\$9,388
1.4 Utilities	1	3%	\$0.03	\$9,388
2 Parking				\$-
3 Structures				\$206,000
3.1 Restroom (family)	1	ea	\$100,000	\$100,000
3.2 Shade Sails	2	ea	\$45,000	\$90,000
3.3 Picnic Shelter	1	ea	\$16,000	\$16,000
4 Hardscapes				\$48,425
4.1 Concrete Sidewalks	225	lf	\$33	\$7,425
4.2 Site Furnishings (litter, benches, bike racks, picnic)	1	allow	\$25,000	\$25,000
4.5 Exterior Lighting (Pedestrian-Pole)	6	ea	\$1,500	\$9,000
4.8 Water Fountains	1	ea	\$7,000	\$7,000
5 Play Amenities				\$58,500
5.1 Poured in place surface	6,500	sf	\$9	\$58,500
6 Landscape				\$-
Subtotal				\$369,252
Contractor's OH/Markup				\$92,313
Contingency				\$23,078
Total Construction Costs				\$484,643
Professional Services Allowance		15%	\$0.15	\$72,696
Total Project Costs				\$557,339

Improvements to Carol Fox Park

Burditt Consultants has no control over the cost of labor, materials, equipment, or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions. Burditt Consultants cannot and does not guarantee that proposals, bids or actual construction will not vary from opinion of probable costs.

IMPLEMENTATION PLAN
Opinion of Probable Costs (OPC) DRAFT

Item / Description	Qty	Unit	Rate	Cost
1 Site				\$84,238
1.1 General Requirements/Mobilization	1	5%	\$0.05	\$23,399
1.2 Sitework	1	7%	\$0.07	\$32,759
1.3 Demolition/Clearing & Grubbing	1	3%	\$0.03	\$14,040
1.4 Utilities	1	3%	\$0.03	\$14,040
2 Parking				\$-
3 Structures				\$25,000
3.4 Outdoor Learning	1	ea	\$25,000	\$25,000
4 Hardscapes				\$39,189
4.1 Concrete Sidewalks	733	lf	\$33	\$24,189
4.2 Site Furnishings (litter, benches, bike racks, picnic)	1	allow	\$15,000	\$15,000
Outdoor learning ring	1	allow	\$12,000	\$12,000
5 Play Amenities				\$230,000
5.2 Nature Playgrounds - 2-5/5-12	1	ea	\$80,000	\$80,000
5.5 Open Fields (multi-use)	1	ea	\$150,000	\$150,000
6 Landscape				\$173,800
6.1 Landscape Beds & Mulch	8000	sf	\$16.50	\$132,000
6.2 Irrigation - Planting Beds	8000	sf	\$2.10	\$16,800
6.3 Tree Preservation	2000	lf	\$12.50	\$25,000
Subtotal				\$552,227
Contractor's OH/Markup				\$138,057
Contingency				\$34,514
Total				\$724,798
Professional Services Allowance		15%	\$0.15	\$108,720
Total Project Cost Range				\$833,518

Improvements to Phillipine Park

Burditt Consultants has no control over the cost of labor, materials, equipment, or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions. Burditt Consultants cannot and does not guarantee that proposals, bids or actual construction will not vary from opinion of probable costs.

Opinion of Probable Costs (OPC) DRAFT

Item / Description	Qty	Unit	Rate	Cost
1 Site				\$52,857
1.1 General Requirements/Mobilization	1	5%	\$0.05	\$14,683
1.2 Sitework	1	7%	\$0.07	\$20,556
1.3 Demolition/Clearing & Grubbing	1	3%	\$0.03	\$8,810
1.4 Utilities	1	3%	\$0.03	\$8,810
2 Parking				\$-
3 Structures				\$150,000
3.4 Amphitheater Stage	1	ea	\$150,000	\$150,000
4 Hardscapes				\$38,150
4.1 Concrete Sidewalks	550	lf	\$33	\$18,150
4.2 Site Furnishings (litter, benches, bike racks, picnic)	1	allow	\$20,000	\$20,000
Amphitheater Lawn	1	allow	\$60,000	
5 Play Amenities				\$-
6 Landscape				\$105,500
6.1 Landscape Beds & Mulch	5000	sf	\$16.50	\$82,500
6.2 Irrigation - Planting Beds	5000	sf	\$2.10	\$10,500
6.3 Tree Preservation	1000	lf	\$12.50	\$12,500
Subtotal				\$346,507
Contractor's OH/Markup				\$86,627
Contingency				\$21,657
Total				\$454,790
Professional Services Allowance		15%	\$0.15	\$68,219
Total Project Cost Range				\$523,009

Improvements to Civic Center

Burditt Consultants has no control over the cost of labor, materials, equipment, or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions. Burditt Consultants cannot and does not guarantee that proposals, bids or actual construction will not vary from opinion of probable costs.

IMPLEMENTATION PLAN
Opinion of Probable Costs (OPC) DRAFT

Item / Description	Qty	Unit	Rate	Costs
1 Site				\$40,137
1.1 General Requirements/Mobilization	1	5%	\$0.05	\$11,149
1.2 Sitework	1	7%	\$0.07	\$15,609
1.3 Demolition/Clearing & Grubbing	1	3%	\$0.03	\$6,690
1.4 Utilities	1	3%	\$0.03	\$6,690
2 Parking				\$-
3 Structures				\$101,000
3.1 Pavilion (Large 30x30)	1	ea	\$85,000	\$85,000
3.2 Picnic Shelter	1	ea	\$16,000	\$16,000
4 Hardscapes				\$54,485
4.1 6' Concrete Sidewalks	320	lf	\$33	\$10,560
4.2 Site Furnishings (litter, benches, bike racks, picnic)	1	allow	\$30,000	\$30,000
4.5 Exterior Lighting (Pedestrian-Pole)	2	ea	\$1,500	\$3,000
4.6 Decomposed Granite Plaza	835	sf	\$5	\$4,175
4.7 Seat Walls	150	lf	\$45	\$6,750
5 Play Amenities				\$1,000
5.1 Pre-fabricated Playground - 2-5/5-12	1	ea	\$1,000	\$1,000
6 Landscape				\$66,500
6.1 Trees (45 gal)	10	ea	\$500	\$5,000
6.2 Landscape Beds	2500	sf	\$16.50	\$41,250
6.3 Irrigation - Planting Beds	2500	sf	\$2.10	\$5,250
6.4 Irrigation Drip - Trees	10	ea	\$250	\$2,500
6.5 Tree Preservation	1000	lf	\$12.50	\$12,500
Subtotal				\$263,122
Contractor's OH/Markup				\$65,781
Contingency				\$16,445
Total Construction Costs				\$345,348
Professional Services Allowance		15%	\$0.15	\$51,802
Total Project Costs				\$397,150

Improvements to Delozier Park

Burditt Consultants has no control over the cost of labor, materials, equipment, or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions. Burditt Consultants cannot and does not guarantee that proposals, bids or actual construction will not vary from opinion of probable costs.

Opinion of Probable Costs (OPC) DRAFT

Item / Description	Qty	Unit	Rate	Cost
1 Site				\$35,271
1.1 General Requirements/Mobilization	1	5%	\$0.05	\$9,798
1.2 Sitework	1	7%	\$0.07	\$13,717
1.3 Demolition/Clearing & Grubbing	1	3%	\$0.03	\$5,879
1.4 Utilities	1	3%	\$0.03	\$5,879
2 Parking				\$-
3 Structures				\$16,000
3.1 Picnic Shelter	1	ea	\$16,000	\$16,000
4 Hardscapes				\$29,950
4.1 Concrete Sidewalks	150	lf	\$33	\$4,950
4.2 Site Furnishings (litter, benches, bike racks, picnic)	1	allow	\$15,000	\$15,000
4.5 Exterior Lighting (Pedestrian-Pole)	2	ea	\$1,500	\$3,000
4.8 Water Fountains	1	ea	\$7,000	\$7,000
5 Play Amenities				\$150,000
5.1 Playground 2-5 yr	1	allow	\$60,000	\$60,000
Playground 5-12 yr	1	allow	\$90,000	\$90,000
6 Landscape				\$-
6.1 Landscape Beds & Mulch	2500	sf	\$16.50	\$41,250
6.2 Irrigation - Planting Beds	2500	sf	\$2.10	\$5,250
6.3 Trees (45 gal)	4	ea	\$500	\$2,000
6.4 Irrigation Drip - Trees	4	ea	\$250	\$1,000
6.5 Tree Preservation	1000	lf	\$12.50	\$12,500
Subtotal				\$231,221
Contractor's OH/Markup				\$57,805
Contingency				\$14,451
Total Construction Costs				\$303,478
Professional Services Allowance		15%	\$0.15	\$45,522
Total Project Costs				\$348,999

Proposed Playground at Jersey Meadow Golf Club

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IMPLEMENTATION PLAN
Opinion of Probable Costs (OPC) DRAFT

Item / Description	Qty	Unit	Rate	Cost
1 Site				\$22,959
1.1 General Requirements/Mobilization	1	5%	\$0.05	\$6,378
1.2 Sitework	1	7%	\$0.07	\$8,929
1.3 Demolition/Clearing & Grubbing	1	3%	\$0.03	\$3,827
1.4 Utilities	1	3%	\$0.03	\$3,827
2 Parking				\$-
3 Structures				\$58,000
3.1 Pavilion (Medium 10x20)	1	ea	\$26,000	\$26,000
3.4 Picnic Shelter (10x10)	2	ea	\$16,000	\$32,000
4 Hardscapes				\$55,050
4.1 Concrete Sidewalks	50	lf	\$33	\$1,650
4.2 Site Furnishings (litter, benches, waste station, picnic, bike rack)	1	allow	\$20,000	\$20,000
4.5 Exterior Lighting (Pedestrian-Pole)	4	ea	\$1,500	\$6,000
4.6 6' Decomposed Granite loop trails	680	lf	\$30	\$20,400
4.7 Water Fountains	1	ea	\$7,000	\$7,000
5 Play Amenities				\$10,000
5.1 Pre-fabricated Obstacle Course	1	ea	\$10,000	\$10,000
6 Landscape				\$4,500
6.1 Trees (45 gal)	6	ea	\$500	\$3,000
6.2 Irrigation Drip - Trees	6	ea	\$250	\$1,500
Subtotal				\$150,509
Contractor's OH/Markup				\$37,627
Contingency				\$9,407
Total				\$197,543
Professional Services Allowance		15%	\$0.15	\$29,631
Total Project Cost Range				\$227,175

Improvements to the Jersey Village Dog Park

Burditt Consultants has no control over the cost of labor, materials, equipment, or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions. Burditt Consultants cannot and does not guarantee that proposals, bids or actual construction will not vary from opinion of probable costs.

Opinion of Probable Costs (OPC) DRAFT

Item / Description	Qty	Unit	Rate	Costs
1 Site				\$7,336
1.1 General Requirements/Mobilization	1	5%	\$0.05	\$2,038
1.2 Sitework	1	7%	\$0.07	\$2,853
1.3 Demolition/Clearing & Grubbing	1	3%	\$0.03	\$1,223
1.4 Utilities	1	3%	\$0.03	\$1,223
2 Parking				\$-
3 Structures				\$-
4 Hardscapes				\$28,255
4.1 Concrete Sidewalks	235	lf	\$33	\$7,755
4.2 Site Furnishings (litter, benches, bike racks, picnic)	1	allow	\$15,000	\$15,000
4.5 Exterior Lighting (Pedestrian-Pole)	1	ea	\$1,500	\$1,500
4.6 Decomposed Granite Plaza	350	sf	\$5	\$1,750
4.7 Seat Walls	50	lf	\$45	\$2,250
5 Play Amenities				\$-
6 Landscape				\$12,500
6.1 Tree Preservation	1000	lf	\$12.50	\$12,500
Subtotal				\$48,091
Contractor's OH/Markup				\$12,023
Contingency				\$3,006
Total Construction Costs				\$63,119
Professional Services Allowance		15%	\$0.15	\$9,468
Total Project Costs				\$72,587

Improvements to St. John Park

Burditt Consultants has no control over the cost of labor, materials, equipment, or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions. Burditt Consultants cannot and does not guarantee that proposals, bids or actual construction will not vary from opinion of probable costs.

IMPLEMENTATION PLAN
Opinion of Probable Costs (OPC) DRAFT

Item / Description	Qty	Unit	Rate	Costs
1 Site				\$262,978
1.1 General Requirements/Mobilization	1	5%	\$0.05	\$73,050
1.2 Sitework	1	7%	\$0.07	\$102,269
1.3 Demolition/Clearing & Grubbing	1	3%	\$0.03	\$43,830
1.4 Utilities	1	3%	\$0.03	\$43,830
2 Parking				\$95,500
2.1 Pavement - Concrete (24 spaces)	7,400	sf	\$7.50	\$55,500
2.3 Crosswalk & ADA Ramps	8	ea	\$1,500	\$12,000
2.4 Striping & Signage	1	allow	\$12,000	\$12,000
2.5 Parking Lot Lighting	4	ea	\$4,000	\$16,000
3 Structures				\$217,000
3.1 Restroom (family)	1	ea	\$100,000	\$100,000
3.3 Pavilion (Large 30x30)	1	ea	\$85,000	\$85,000
3.4 Pavilion (Medium 20x20)	1	ea	\$32,000	\$32,000
4 Hardscapes				\$410,240
4.2 Site Furnishings (litter, benches, bike racks, picnic)	1	allow	\$35,000	\$35,000
4.5 Exterior Lighting (Pedestrian-Pole)	6	ea	\$1,500	\$9,000
4.6 Decomposed Granite Plaza	1600	sf	\$5	\$8,000
4.7 Concrete Trails (1 mile)	5280	lf	\$33	\$174,240
4.8 Water Fountains	2	ea	\$7,000	\$14,000
4.10 Wayfinding/Signage	1	allow	\$20,000	\$20,000
4.11 Pedestrian Bridge	1	allow	\$150,000	\$150,000
5 Play Amenities				\$610,000
5.1 Pre-fabricated Playground - 2-5/5-12	1	allow	\$250,000	\$250,000
5.5 Open Fields (multi-use)	1	ea	\$10,000	\$10,000
5.8 Workout Stations	5	ea	\$10,000	\$50,000
5.9 Skate Park	1	allow	\$300,000	\$300,000
6 Landscape				\$128,250
6.1 Trees (45 gal)	43	ea	\$500	\$21,500
6.2 Landscape Beds & Mulch	2500	sf	\$16.50	\$41,250
6.3 Grass - Sodded	5000	sf	\$0.32	\$1,600
6.4 Grass - Fine Grading, Seeded	2.00	ac	\$3,200	\$6,400
6.5 Irrigation - Grass	5000	sf	\$0.80	\$4,000

Proposed Pleasant Colony Park

6.6	Irrigation - Planting Beds	2500	sf	\$2.10	\$5,250
6.7	Irrigation Drip - Trees	43	ea	\$250	\$10,750
6.8	Tree Preservation	3000	lf	\$12.50	\$37,500
Subtotal					\$1,723,968
Contractor's OH/Markup					\$430,992
Contingency					\$107,748
Total					\$2,262,708
Professional Services Allowance		15%		\$0.15	\$339,406
Total Project Cost Range					\$2,602,115

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Opinion of Probable Costs (OPC) DRAFT

Item / Description	Qty	Unit	Rate	Costs
1 Site				\$52,500
1.1 General Requirements/Mobilization	1	5%	\$0.05	\$14,583
1.2 Sitework	1	7%	\$0.07	\$20,417
1.3 Demolition/Clearing & Grubbing	1	3%	\$0.03	\$8,750
1.4 Utilities	1	3%	\$0.03	\$8,750
2 Parking				\$43,000
2.1 Pavement - Concrete (10 spaces)	2,000	sf	\$7.50	\$15,000
2.3 Crosswalk & ADA Ramps	8	ea	\$1,500	\$12,000
2.4 Striping & Signage	1	allow	\$12,000	\$12,000
2.5 Parking Lot Lighting	1	ea	\$4,000	\$4,000
3 Structures				\$100,000
3.1 Restroom (family)	1	ea	\$100,000	\$100,000
4 Hardscapes				\$92,665
4.1 Concrete Sidewalks	1505	lf	\$33	\$49,665
4.2 Site Furnishings (litter, benches, bike racks, picnic)	1	allow	\$20,000	\$20,000
4.5 Exterior Lighting (Pedestrian-Pole)	4	ea	\$1,500	\$6,000
4.8 Water Fountains	1	ea	\$7,000	\$7,000
4.10 Wayfinding/Signage	1	allow	\$10,000	\$10,000
5 Play Amenities				\$-
6 Landscape				\$56,000
6.1 Trees (45 gal)	20	ea	\$500	\$10,000
6.2 Grass - Fine Grading, Seeded	5.00	ac	\$3,200	\$16,000
6.3 Irrigation Drip - Trees	20	ea	\$250	\$5,000
6.4 Tree Preservation	2000	lf	\$12.50	\$25,000
Subtotal				\$344,165
Contractor's OH/Markup				\$86,041
Contingency				\$21,510
Total				\$451,716
Professional Services Allowance		15%	\$0.15	\$67,757
Total Project Cost Range				\$519,474

Proposed Passive Open Space Park

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Opinion of Probable Costs (OPC) DRAFT

Proposed Hike and Bike Trail System

Item / Description	Qty	Unit	Rate	Costs
1 Site				\$301,730
1.1 General Requirements/Mobilization	1	5%	\$0.05	\$83,814
1.2 Sitework	1	7%	\$0.07	\$117,339
1.3 Demolition/Clearing & Grubbing	1	3%	\$0.03	\$50,288
1.4 Utilities	1	3%	\$0.03	\$50,288
2 Parking				\$-
3 Structures				\$-
4 Hardscapes				\$1,676,278
4.1 Section 1 (10' wide, asphalt) (2.42 miles)	12798	lf	\$46	\$588,708
4.2 Section 2 (10 wide, asphalt) (2.14 miles)	11324	lf	\$46	\$520,904
4.5 Section 3 (10' wide, asphalt) (1.03 miles)	5471	lf	\$46	\$251,666
4.8 Pedestrian Bridge across Bayou, Steel Framed, Trex Decking (8' wide, 175' Long)*	1400	sf	\$225	\$315,000
5 Play Amenities				\$-
6 Landscape				\$-
Subtotal				\$1,978,008
Contractor's OH/Markup				\$494,502
Contingency				\$123,626
Total				\$2,596,136
Professional Services Allowance		15%	\$0.15	\$389,420
Total Project Cost Range				\$2,985,556

Burditt Consultants has no control over the cost of labor, materials, equipment, or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions. Burditt Consultants cannot and does not guarantee that proposals, bids or actual construction will not vary from opinion of probable costs.

Operation and Maintenance

City staff are well-versed in the operation and maintenance of Jersey Village parks and recreation facilities. Each additional park and facility will incur additional labor and material costs for the daily upkeep. For each priority project identified that adds new park land to the system that isn't currently being maintained, the costs and time for mowing, trash pickup, repairs, and general upkeep have been estimated. The resulting values for each facility are reported in total hours, approximate labor costs based on average salaries, and full time equivalents (FTE's).

Trail Rights-of-Way

Maintenance Task	Area	SF/Hour	Rate	Total Labor (hours per visit)	Total Cost (Visit)	# of Visits	Annual Cost
Common Area Mowing	729,630	114,000	\$20.00	6	\$120.00	26	\$3,120
Trash Pickup			\$15.00	4	\$60.00	26	\$1,560
Expendables							
96" Commercial Mower Amortization (\$42,000, 5-year life)	N/A	N/A	N/A	N/A	N/A	N/A	\$8,400
Fuel		Per Visit	\$30.00	0.5	\$15.00	26	\$390
General Maintenance		Per Visit	\$30.00	1	\$30.00	26	\$780
Total Annual Labor				260		Total	\$14,250
Total FTE's				0.13			

*Note: Maintenance costs are for new park land only and do not include costs for repair or replacement of equipment or amenities.

Proposed Pleasant Colony Park

Maintenance Task	Area	SF/Hour	Rate	Total Labor (hours per visit)	Total Cost (Visit)	# of Visits	Annual Hours	Annual Cost	Total FTE
Common Area Mowing	283,391	71,280	\$20.00	4.0	\$80.00	26	104.0	\$2,080	0.052
Restrooms & Trash Pickup			\$15.00	2.0	\$30.00	26	52.0	\$780	0.026
Landscape & Irrigation			\$15.00	2.0	\$30.00	52	104.0	\$1,560	0.05
Expendables									
Fuel		Per Visit	\$30.00	0.5	\$15.00	26		\$390	
General Maintenance		Per Visit	\$30.00	1.0	\$30.00	26		\$780	
Total							260.0	\$5,590	0.13

Proposed Passive Open Space Park

Maintenance Task	Area	SF/Hour	Rate	Total Labor (hours per visit)	Total Cost (Visit)	# of Visits	Annual Hours	Annual Cost	Total FTE
Common Area Mowing	95,440	71,280	\$20.00	1.0	\$20.00	26	26.0	\$520	0.013
Restrooms & Trash Pickup			\$15.00	1.0	\$15.00	26	26.0	\$390	0.013
Landscape & Irrigation			\$15.00	1.0	\$15.00	52	52.0	\$780	0.03
Expendables									
Fuel		Per Visit	\$30.00	0.5	\$15.00	26		\$390	
General Maintenance		Per Visit	\$30.00	1.0	\$30.00	26		\$780	
Total							104.0	\$2,860	0.052





Jersey Village Parks & Recreation

Parks & Recreation Committee Youth Application

Applicants must live in Jersey Village. Completed applications must be turned into the Parks & Recreation Department. The Parks and Recreation Committee will approve the Youth Committee Member. Each applicant will serve a term of 6 months.

Name: _____

Address: _____

Street

City

State

Zip Code

Home Phone: _____

Cell Phone: _____

E-Mail Address: _____

School: _____ Grade: _____

Guardian Name: _____ Guardian Signature: _____

Applicant Signature: _____

Please respond to the following questions in the space provided:

1. Why do you want to be a member of the City of Jersey Village Parks & Recreation Committee?

2. Describe your knowledge of the Jersey Village Parks and Recreation Department.

3. What are your current hobbies or extracurricular interests?

4. What strengths do you have to offer as a member of this Committee?

5. The Jersey Village Parks & Recreation Board meets the first Wednesday of each month at 5:30 p.m., and your regular attendance is important to us. Can you commit to attending our monthly meetings?

Yes

No

6. If appointed, can you commit to 6 months of service?

Yes

No