PARK SECTOR 1

PARK SECTOR 1 SUMMARY

PARK SECTOR 1 PRIORITIES

These priorities were developed by using condition assessment information from site visits, standard-based needs analysis (NRPA standards and data from The Trust for Public Land ParkScore™ Project), and public input via an online survey, park user interviews, community events and Capital Improvement Plan (CIP) meetings.

1. Acquire new parkland
2. Revitalize existing parks
3. Develop Neighborhood connections to parks and trails
4. Develop partnerships with the school system and other entities
5. Preserve environmentally sensitive areas
6. Develop new park facilities

RECOMMENDATIONS

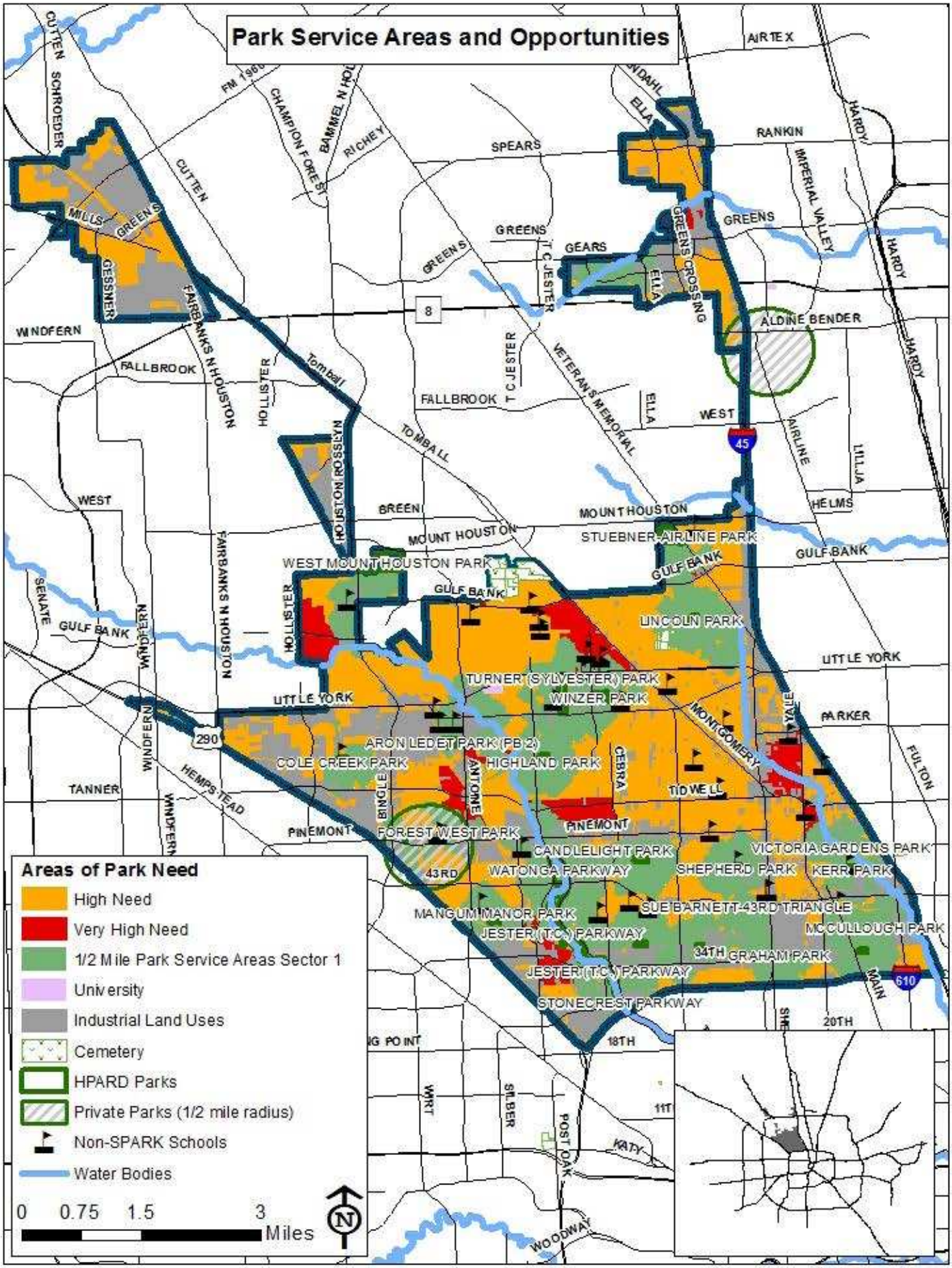
The parks in Park Sector 1 that have the highest need for renovation and/or redevelopment from greatest need to least need are: Victoria Gardens Park, Forest West Park, Watonga Parkway, and T.C. Jester Parkway.

In addition to the existing 12 miles of trails, the Bayou Greenways 2020 (BG2020 Initiative) will add 8.3 miles to the White Oak Bayou trail system which will provide a total of 16 miles of trails on White Oak Bayou, over 3 miles on the MKT trail, and over 7 miles along Buffalo Bayou. Additional on-street and off-street connections to the White Oak Bayou Trail need to be carefully considered to maximize the potential of this public-private partnership investment. Currently, Little White Oak Bayou runs through this Park Sector and is not included in the BG2020 trail development plans. Trail construction could be pursued along this bayou in the future to provide access to Moody Park in Park Sector 17 and connectivity to the METRO light rail.

While many areas closer to I-610 currently have sufficient parkland, as the population increases land acquisition must be pursued to serve the growing number of residents. Development is also increasing in the southern areas of the Park Sector, with some development occurring as far north as Tidwell Road. At the current population, an additional 32 acres of parkland are needed in this Park Sector. There is also a high percentage of undeveloped land in this Park Sector which could be purchased and conserved for future park use. Schools not participating in the SPARK School Park Program (Non-SPARK schools) should be explored as potential future partnerships for park space.

This Park Sector is also deficient in playgrounds, picnic shelters, trails, outdoor basketball courts, volleyball courts, community centers, softball fields, and soccer fields. In the 2014 online survey, the top three priorities of residents in Park Sector 1 when asked what recreational needs existed in their Neighborhood were: hike, bike and walk trails (60%), open space and natural areas (45.5%), and playground areas (43.4%). Other services and amenities that residents asked for in the write-in portion of the survey were: adult volleyball, facilities for tweens and teens, yoga, community garden, programming for kids 0 to 6 year olds, swim lessons, arts and crafts programming, youth nature programs, and fitness programs. The current parks in this Park Sector are not able to support these amenities; their development should be pursued as new land is acquired.

Sources: 2010 Census, 2010 Health of Houston Survey, American Community Survey 2013, Houston Parks Board, HPARD 2014 Online Survey, Trust for Public Land


Park Service Areas and Opportunities
Areas of Park Need
High Need
Very High Need
1/2 Mile Park Service Areas Sector 1
University
Industrial Land Uses
Cemetery
HPARD Parks
Private Parks (1/2 mile radius)
Non-SPARK Schools
Water Bodies
0 0.75 1.5 3 Miles
N
AIRTEX
RANKIN
SPEARS
GREENS
GEARS
ALDINE BENDER
WINDFERN
FALLBROOK
WEST
HELMS
GULF BANK
MOUNT HOUSTON
STUEBNER-AIRLINE PARK
WEST MOUNT HOUSTON PARK
LINCOLN PARK
UTTLE YORK
TURNER (SYLVESTER) PARK
WINZER PARK
PARKER
ARON LEDET PARK (PB 2)
COLE CREEK PARK
HIGHLAND PARK
TIDWELL
TANNER
HEMPSTEAD
PINEMONT
FOREST WEST PARK
CANDLELIGHT PARK
VICTORIA GARDENS PARK
43RD
WATONGA PARKWAY
SHEPHERD PARK
KERR PARK
MANGUM MANOR PARK
SUE BARNETT-43RD TRIANGLE
JESTER (T.C.) PARKWAY
MCCULLOUGH PARK
34TH
GRAHAM PARK
STONECREST PARKWAY
20TH
18TH
11T
KATY
WOODWAY
POST OAK
WIRT
SILBER
FULTON
MAIN
610
45
290
8

EXISTING HPARD PARKS

Facility Name	Address	Street	Total Acres	Trail Length
Pocket Parks				
Poppy Avenue Future Park Site	0	Poppy Avenue	0.29	N/A
Rosslyn Park	6500	Pinemont	0.53	N/A
	Total HPARD Pocket Park Acreage		**0.82**	
Neighborhood Parks				
American Legion Park	3621	Golf Dr.	4.74	N/A
Aron Ledet Park (PB2)	6323	Antoine Dr.	13.44	0.38
Candlelight Park	1520	Candlelight	9.53	0.45
Cole Creek Park	7200	Drowsy Pine	6.97	0.35
Forest West Park	5915	Golden Forest Dr	6.16	0.30
Graham Park	540	West 34th St	2.50	N/A
Highland Park	3316	DeSoto	5.78	N/A
Independence Heights Park	601	East 35th St	3.10	0.31
Kerr Park	4620	Arlington	6.20	N/A
Lincoln Park* (joint maintenance agreement with Harris County)	979	Grenshaw	8.60	N/A
Mangum Manor Park	5235	Saxon	6.82	0.29
McCullough Park	901	E. 40th St	1.30	N/A
Oak Forest Park	2100	Judiway	5.80	N/A
Shepherd Park	4725	Brinkman	7.89	0.25
Stonecrest Parkway	2701	East T.C. Jester	4.66	N/A
Sue Barnett-43rd Triangle	750	43rd St	1.23	N/A
Victoria Gardens Park	4900	Werner	1.87	N/A
West Tidwell Trailhead	4700	West Tidwell	1.43	N/A
Winzer Park	7300	Carver/Dolly Wright	12.03	0.60
Wortham Island Reserve		White Oak Bayou/Tulsa	2.75	N/A
	Total HPARD Neighborhood Park Acreage		**112.80**	
Community Parks				
Alabonson Park	9650	N. Houston Rosslyn	50.21	N/A
Stuebner – Airline Park	9201	Veteran's Memorial Blvd	27.44	0.50
Turner (Sylvester) Park	2800	West Little York	26.01	1.02
West Mount Houston Park	10300	N. Houston-Rosslyn	50.22	N/A
	Total HPARD Community Park Acreage		**153.88**	
Corridor/Linear Parks and Greenways				
Jester (T.C.) Parkway	4201	West T.C. Jester	68.00	1.00
Watonga Parkway	4100	Watonga Blvd	30.00	N/A
	Total HPARD Linear Park Acreage		**98.00**	
	Total HPARD Park Acreage		**365.50**	
	Total HPARD Trail Length			**5.60**

EXISTING COMMUNITY CENTERS AND POOLS

Community Centers and Pool Facilities	Address	Zip Code	Agency Responsible
Candlelight Community Center	1520 Candlelight	77018	HPARD
Highland Community Center	3316 DeSoto	77091	HPARD
Independence Heights Community Center and Pool	603 East 35th	77022	HPARD
Lincoln Community Center and Pool	979 Grenshaw	77007	HPARD
Jester (T.C.) Park Pool	4201 West T.C. Jester	77018	HPARD
Oak Forest Park Pool	2100 Judiway	77018	HPARD

PARK SERVICE AREAS

The Park Service Areas map was produced using data provided by the Trust for Public Land ParkScore™ Project to identify areas of park need. The green areas represent a ½ mile service area of public parks (city or county) and SPARK Parks (school parks open to the public after school) or other publicly accessible non-HPARD Parks.

The orange and red represent areas where there is not access to a park within a ½ mile. The degree of need (red is very high need and orange is high need) is based on population density, household income (less than $35,000), and presence of youth (19 yrs or younger).

The office and industrial land uses are represented in gray, to specifically highlight residential and commercial areas of need. Approximately 50% of the area in this Park Sector is in need of parkland accessible within a ½ mile, as compared to the 45% of the population of the City of Houston who need park access. Non-SPARK schools are indicated on the map as black flags to explore as potential future partnerships for park space.

PARK SECTOR FACTS

- This Park Sector contains 370 acres of parkland (Harris County, HPARD and other providers). Of the 24,739 acres in this Park Sector, 1.5% of this acreage is parkland.
- There are approximately 150,000 residents. Over 34% of the population is African American (higher than the 23% in the City of Houston).
- The Health of Houston Survey 2010 shows that 34% of the population is obese compared to 31% for the City of Houston as whole.
- An additional 32 acres of parkland are needed in this Park Sector. The map on page 3 shows high need in the north and central portion of the Park Sector. This is based on the current population (2010 US Census) of the Park Sector and needs assessment completed for Pocket, Neighborhood and Community parks (number of acres per 1,000 people).
- H-GAC population projections estimate that this area will add over 50,000 residents by 2040. To meet the estimated population, a total of 133 acres of parkland will be needed.

NEEDS ASSESSMENT FOR AMENITIES IN PARK SECTOR

The table below shows the total existing amenities (including, HPARD, County and SPARK School Parks) as of 2015, the target goal per amenity, and the amenities needed based on population standards for each amenity using 2010 US Census Population data. The last row shows the estimated number of amenities needed based on the H-GAC population projections for 2040 and standards used in the 2007 Parks Master Plan.

AMENITY	PLAYGROUNDS	PICNIC SHELTERS	TRAILS (MILES)	OUTDOOR BASKETBALL COURTS	TENNIS	VOLLEYBALL	DOG PARKS	SKATE PARKS	COMMUNITY CENTERS	SWIMMING POOLS	OUTDOOR SPRAYGROUNDS	BASEBALL (LIT and UNIT)	SOFTBALL (LIT and UNIT)	SOCCER (LIT and UNIT)
2015 Goal	37	15	30	12	15	3	1	1	5	4	2	9	5	15
2015 Existing	23	7	18*	9	15	1	1	1	4	4	2	9	4	0
2015 Needed	14	8	12	3	-	2	-	-	1	-	-	-	1	15
2040 Needed	13	5	10	4	5	1	1	1	2	1	1	2	2	5

* This number includes miles of trails currently planned along White Oak Bayou to Beltway 8 under the Bayou Greenways 2020 (BG2020 Initiative).

GUIDE FOR ESTIMATED COST OF NEW AMENITIES, PARKLAND, AMENITY RENOVATIONS AND OPERATION AND MAINTENANCE FOR PARK SECTOR

The table below contains costs estimates (in 2015 dollars) based on the needs assessment using 2010 US Census population and population projections provided by H-GAC per Park Sector for 2040, for both amenities and land in this Park Sector. In addition, the cost estimates (in 2015 dollars) for renovation of existing facilities and operation and maintenance are listed. A general explanation of each figure and its source is listed below:

1. Cost of New System Amenities: This is the estimated cost for amenities based on the needs assessment above. Costs are estimated for 2015 and 2040 based on costs of 2014 HPARD projects. These costs are a guide and do not include site specific constraints such as utility extensions, flood mitigation or the purchase of land if expansion of the park was needed for these amenities.

2. Cost of Park Land: This is the land needed to meet the parkland standards for 2015 and 2040 based on the 2010 US Census and the H-GAC estimated population projections respectively. Land costs are based on land values by Park Sector, provided by H-GAC, from 2014 HCAD values for properties greater than 5,000 sq ft in size and with no structures.

3. Cost of HPARD Amenity Renovation: The 2015 cost estimate is based on the assessment that 30% of the existing facilities in this Park Sector need renovation. The 2040 cost estimate is based on the assessment that the remaining 2/3 of the facilities from 2015 and 30% of the new facilities will need renovation to meet the population growth. Costs are estimated for 2015 and 2040 based on costs of 2014 HPARD projects.

4. Annual Operation and Maintenance: This figure is based on the national average for parks and recreation operational spending amount ($63) per resident in 2013 according the Trust for Public Land publication "2014 City Park Facts." Houston spent $29 per resident on parks and recreation in 2013.
This figure shows what the cost of spending this average amount per resident would be based on the current population and the projected population in 2040.

	1	2	3	4
	COST OF NEW SYSTEM AMENITIES	COST OF NEW PARK LAND	COST OF HPARD EXISTING AMENITY RENOVATION	ANNUAL COST OF OPERATION AND MAINTENANCE
2015	$40,000,000	32 Acres- $5,000,000	$26,000,000	$9,000,000
2040	$52,000,000	101 Acres- $15,000,000	$80,000,000	$3,000,000
TOTAL 2040	$92,000,000	133 Acres- $20,000,000	$106,000,000	$12,000,000

PARK SECTOR PROFILE 1

LOCATION AND POLITICAL BOUNDARIES

Park Sector 1 is located east of US-290, north of IH-610, west of IH-45, and north of Beltway 8.
Park Sector Size: 24,738.8 acres or 38.7 square miles
Population: 148,999 people, Density: 3,870 people/sq mi.

Political Boundaries within Park Sector 1:

- Council Districts: A, B, C, and H
- Super neighborhoods contained in this Park Sector: Fairbanks/Northwest Crossing, Greater Inwood, Acres Home, Hidden Valley, Central Northwest, Lazybrook/Timbergrove, Independence Heights, Northside/Northline, Greater Greenspoint, Willowbrook
- TIRZ: Greenspoint
- Management Districts: Near Northwest, Greater Northside, and Greater Greenspoint

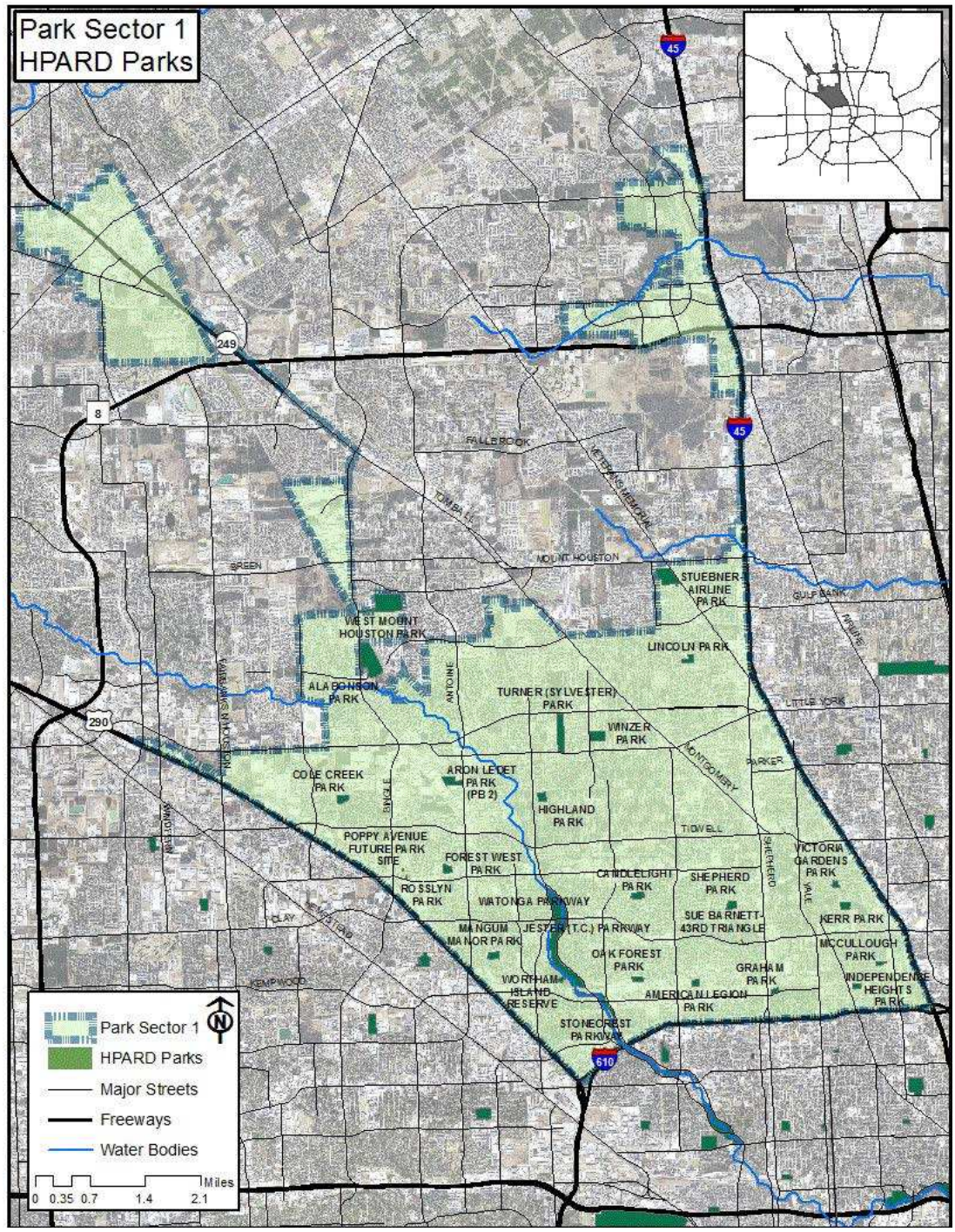


FIGURE 1. PARK SECTOR 1 BOUNDARY AND HPARD PARKS

DEMOGRAPHIC PROFILE

Ethnicity

	Park Sector 1 Population	Park Sector 1 Percent of Total	Houston Population	Houston Percent of Total
Total Population	148,999	-	2,119,831	-
Hispanic or Latino	61,603	41.3%	919,668	43.8%
Non-Hispanic White	31,550	21.2%	537,901	25.6%
Non-Hispanic Black	51,192	34.4%	485,956	23.1%
Non-Hispanic American-Indian	284	0.2%	126,098	6.1%
Non-Hispanic Asian	2,777	1.9%		
Non-Hispanic Hawaiian or Pacific Islander	34	0.0%		
Non-Hispanic Some Other Race	1,559	1.0%	26,828	1.3%

TABLE 1. PARK SECTOR 1 ETHNICITY (2010 CENSUS & CITY OF HOUSTON PLANNING AND DEVELOPMENT DEMOGRAPHIC DATA)

This Park Sector contains 7% of the population of Houston. The majority (41.3%) of residents are Hispanic/Latinos, followed by Non-Hispanic Blacks (34.4%), Non-Hispanic Whites (21.2%), and Non-Hispanic Asians (1.9%). Most of the population lives along the freeways that comprise the boundaries of the Park Sector. The least dense areas in the Park Sector are the areas north of I- 610, while the farther north areas closer to Beltway 8 are more densely populated.

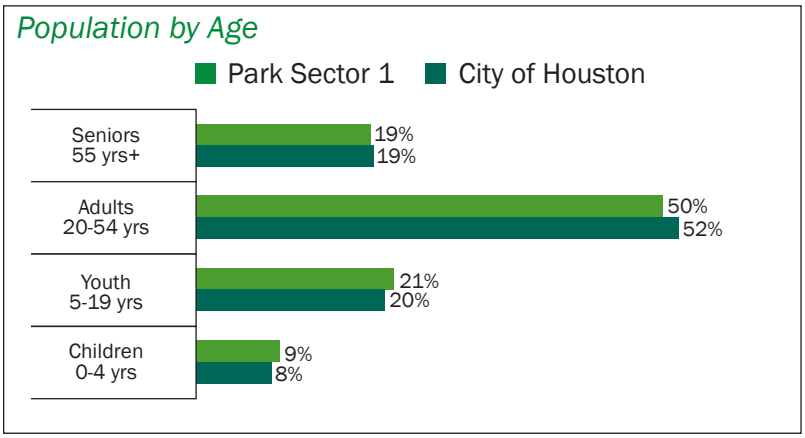


FIGURE 2. CITY OF HOUSTON VS. PARK SECTOR 1 AGE CITY OF HOUSTON ORTS BY HPARD PROGRAM AGES (2011 AMERICAN COMMUNITY SURVEY, CITY OF HOUSTON PD)

The age profile for this Park Sector shows that the percent of population under 19 is slightly higher (30%) than that of the rest of the city (28%). Further breakdown of the age groups, as shown in Figure 2., reveals that the percent of adults 20-54 yrs (50%) is slightly lower than the rest of the City of Houston (52%). However, the distribution of age groups in this Park Sector generally mirrors the same pattern as the entire City of Houston. These demographic trends can help inform future programming and park improvements.

Program Group	Age Groups	PS 1 Population	PS 1 Percent of Total	Program Age Group	City of Houston Population	City of Houston Percent of Total	Program Age Group
Children	0-4 yrs	13,140	9%	9%	166,066	8%	8%
Youth	5-9 yrs	11,152	7%	21%	148,843	7%	21%
	10-14 yrs	10,210	7%		135,622	7%	
	15-19 yrs	10,333	7%		140,673	7%	
Adults	20-34 yrs	35,332	23%	50%	539,348	26%	52%
	35-44 yrs	20,521	14%		286,117	14%	
	45-54 yrs	19,926	13%		265,060	13%	
Senior	55-64 yrs	15,434	10%	20%	204,852	10%	19%
	65 yrs +	14,566	10%		192,689	9%	

TABLE 2. CITY OF HOUSTON VS. PARK SECTOR 1 AGE CITY OF HOUSTON ORTS WITH FURTHER BREAKDOWN FOR ALL PROGRAM AGE GROUPS

Housing

There are a total of 65,777 housing units in this Park Sector. The percent of vacant housing in Park Sector 1 (15.4%) is higher as compared to the vacancy rates for the entire city (12.3%). Home ownership for this Park Sector (41.4%) is slightly higher than that of the City of Houston (39.7%) and the share of renters is lower (43.1%) than the City's as a whole (47.1%).

Income

The median household income for this Park Sector ($37,578) is significantly lower than that of the City of Houston ($48,322). Sixty-two (62%), or 34,965 of the households, in this area have an income below the Houston median household income. According to the City of Houston Housing and Community Development data (low moderate income derived from 2000 Census as per federal regulations) 56% of the population is low or moderate income, therefore, this area may qualify for Community Development Block Grant (CDBG) funding.

Educational Attainment

Within Park Sector 1, the percent (18%) of individuals 25+ years of age with a Bachelor's degree or above is lower than the relative percent for the entire City of Houston (28%). Conversely, the percentage of those within this Park Sector with a high school degree (30%) is higher than the same population for the City of Houston (23%). The percent of individuals 25+ years without a high school or GED for Park Sector 1 (28%) is slightly higher than that of the entire city (25%).

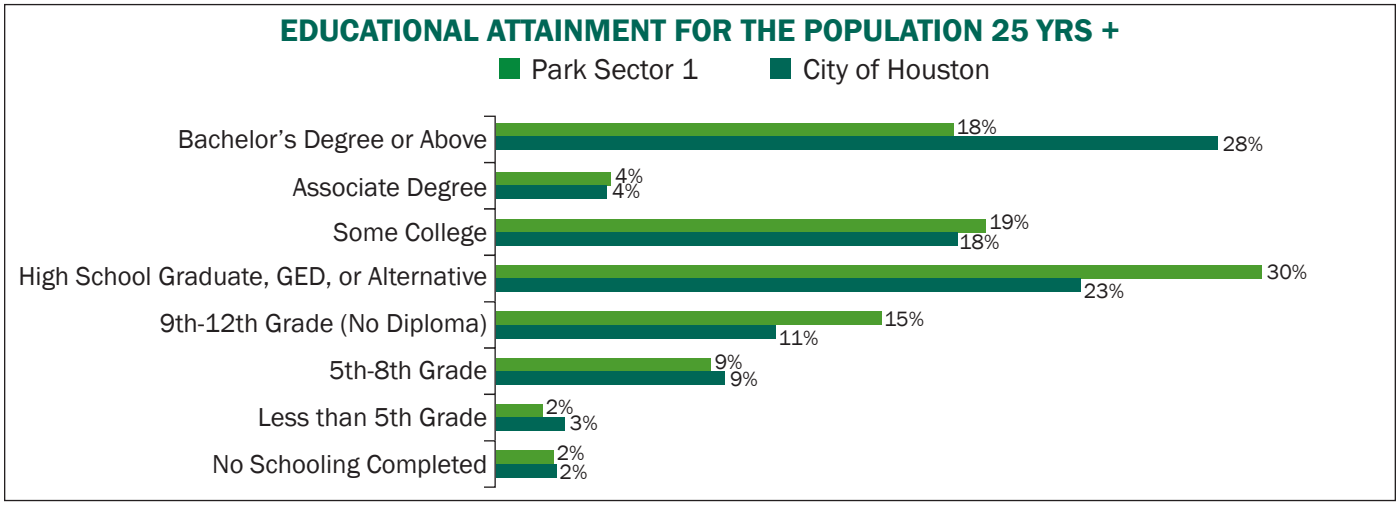


FIGURE 3. EDUCATIONAL ATTAINMENT (2011 CITY OF HOUSTON PD)

Community Health

The Health of Houston Survey 2010 data (aggregated by Park Sector by the Houston Department of Health and Human Services) shows that 33.9% of the adult population in this Park Sector is considered obese, as compared to 30.8% for the entire population of the City of Houston. The survey also showed that 12.5% of the adult population received a diagnosis of diabetes by a professional, which is just above the level for the entire city (11.4%). In addition, this survey inquired about physical activity level and the results indicate that over 34% of the respondents in this Park Sector engage in a moderate physical activity for 5 or more days a week, which is slightly higher than that of the entire city (32%).

The national initiative, Healthy People 2020, has a goal to increase the amount of adults who engage in moderate physical activity for at least 5 days a week for 30 minutes to 47.9% of the population. The current national average of adults engaging in this level of aerobic activity is 43.5%. Finally, the survey shows that 17.6% of the population in this Park Sector does not engage in moderate physical activity at all, which is lower than the rate for the entire city (21.2%). As HPARD plans and prioritizes investments for future parks and trails, it should take into account the accessibility of parks, amenities provided and the impact to the health of the community in the long term. HPARD is an active participant in the Healthy Communities Initiative, Community Transformation Initiative, Healthy Kids Houston, and the Sustainable Communities Houston-Galveston Regional Plan, among other efforts. This involvement should continue with an emphasis on partnerships, measurable outcomes, and engagement with the community to encourage physical activity and help identify physical barriers to park access.

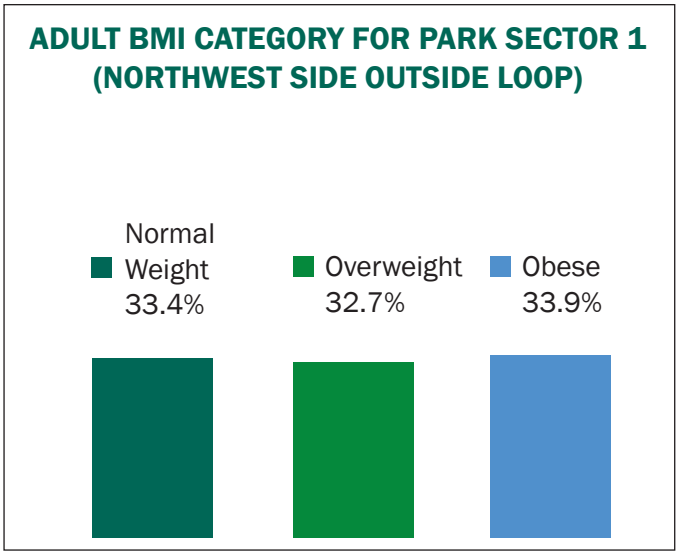


FIGURE 4. HEALTH OF HOUSTON SURVEY (2010)- ADULT BODY MASS INDEX

Moderate Physical Activity in the Last Seven Days	Percentage (%)
0	17.60
1	5.30
2	12.80
3	17.80
4	12.00
5	10.30
6	2.20
7	22.00

TABLE 3. HEALTH OF HOUSTON SURVEY (2010)- MODERATE PHYSICAL ACTIVITY

LAND USE ANALYSIS

	Number of Parcels	Percent of Parcels	Acreage of Parcels	Percent of Acreage
Single-Family	34,268	68.10%	7,157	35.50%
Multi-Family	2,826	5.60%	1,216	6.00%
Commercial	1,244	2.50%	1,696	8.40%
Office	187	0.40%	477	2.40%
Industrial	1,041	2.10%	2,479	12.30%
Public & Institutional	1,330	2.60%	1,808	9.00%
Transportation	424	0.80%	530	2.60%
Parks & Open Space	715	1.40%	843	4.20%
Undeveloped	8,062	16.00%	3,435	17.00%
Agriculture Production	104	0.20%	533	2.60%
TOTAL	50,315	100%	20,174	100%

TABLE 4. LAND USE BY DESCRIPTION (2013 HCAD)

In this Park Sector about 74% of the parcels and 42% of the land is residential, with the majority being single-family or multi-family. This Park Sector has a significant portion of undeveloped acreage (17%), mostly east of White Oak Bayou and north of Tidwell. Industrial (9%) and commercial (8.4%) land uses occupy an equivalent acreage in this Park Sector.

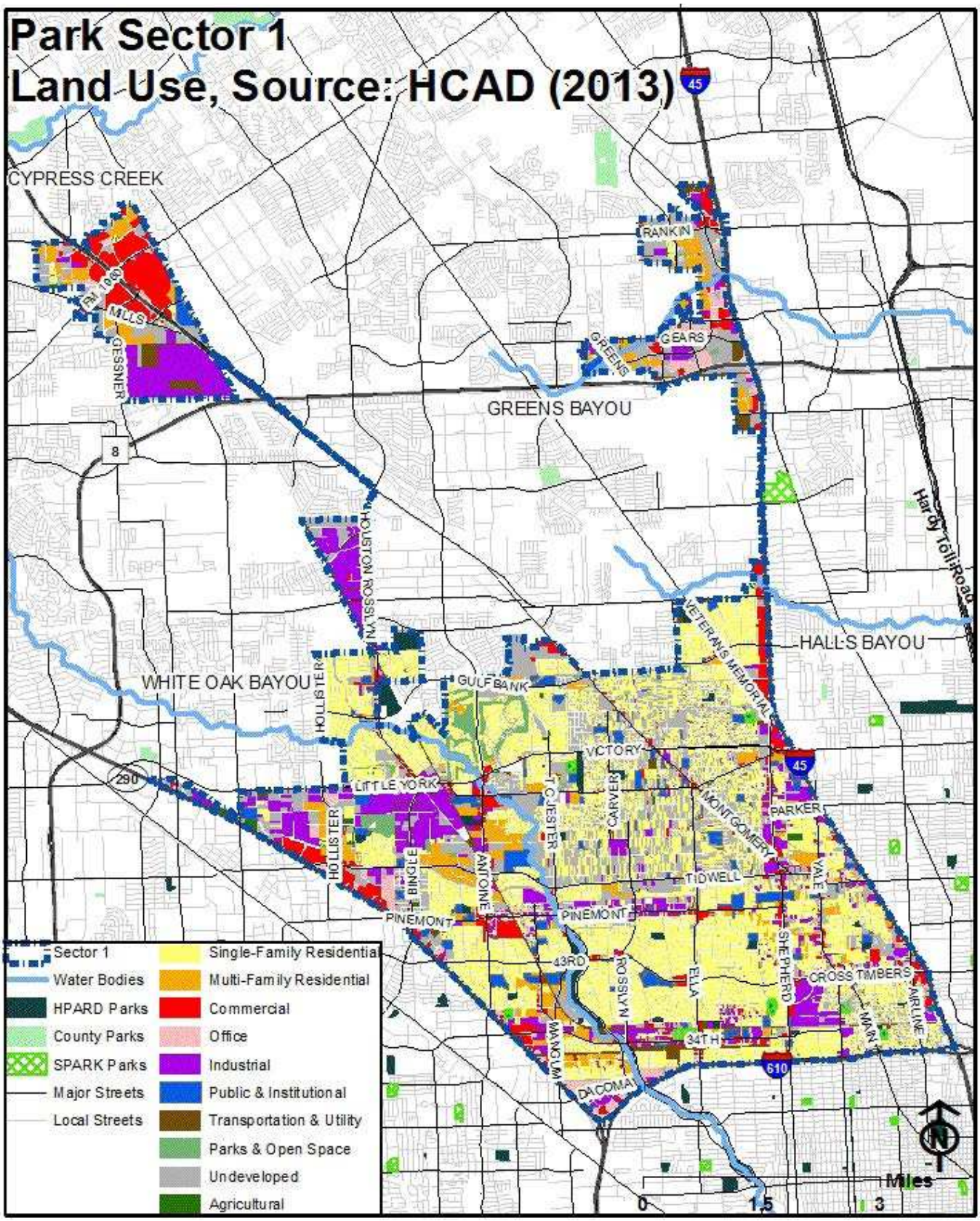


FIGURE 5. PARK SECTOR 1 LAND USE MAP (2013 HCAD) AND HPARD, COUNTY, AND SPARK PARKS

The Houston Parks and Recreation Department operates 28 parks in the area accounting for 365.5 acres of parkland. Chelsea Senior Homes dedicated 1.65 acres of private parkland to serve their residents. While this park is not publicly accessible, it still serves the senior population of this development. In addition, the City of Houston owns open space north of Little York and east of White Oak Bayou. Harris County owns and manages part of Lincoln Park according to an inter-local agreement between the City of Houston and Harris County.

Facility Name	Address	Street	Total Acres	Trail Length
Pocket Parks				
Poppy Avenue Future Park Site	0	Poppy Avenue	0.29	N/A
Rosslyn Park	6500	Pinemont	0.53	N/A
Total HPARD Pocket Park Acreage			**0.82**	
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Total HPARD Community Park Acreage			**153.88**	
Corridor/Linear Parks and Greenways				
Jester (T.C.) Parkway	4201	West T.C. Jester	68	1.00
Watonga Parkway	4100	Watonga Blvd	30	N/A
Total HPARD Linear Park Acreage			**98.0**	
	Total HPARD Park Acreage		**365.5**	
	Total HPARD Trail Length			**5.6**

TABLE 5. HPARD PARKS, ACREAGE, AND TRAILS INTERNAL TO HPARD PARKS, BAYOU AND URBAN/SHARED USE TRAILS IN PARK SECTOR 1

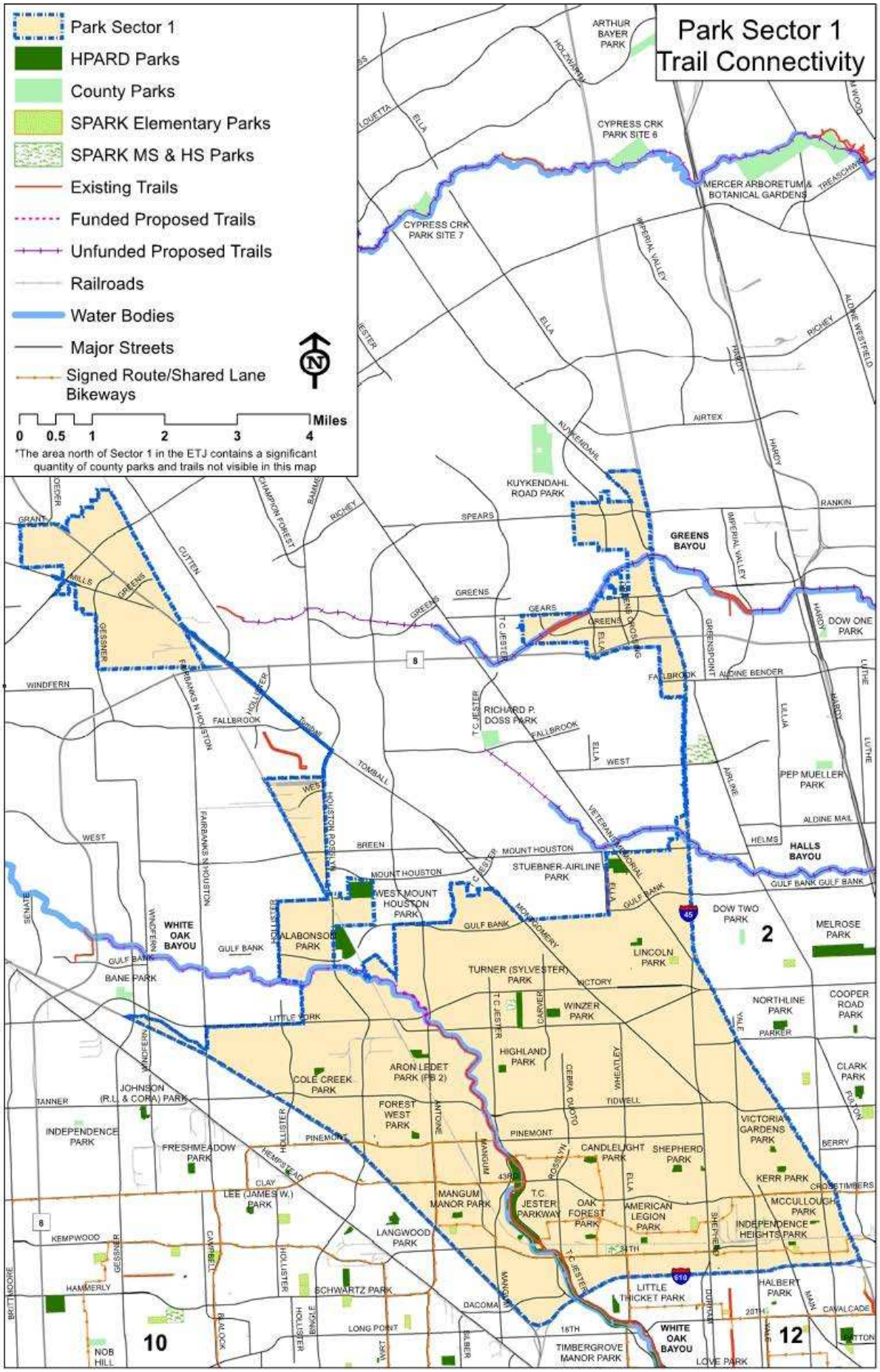


FIGURE 6. PARK SECTOR 1 BAYOU TRAILS, ON- AND OFF-STREET BIKEWAY SYSTEM (PWE), HPARD, COUNTY, SPARK, PRIVATE PARKS, TXDOT BIKE/PED BRIDGES AND LIGHT RAIL

Currently, Houston Parks and Recreation Department maintains 5.6 miles of trails inside parks and 5.6 miles of trail along White Oak Bayou. In addition, there are 0.64 miles of trails inside SPARK Parks that are accessible to the public for a total of 11.8 miles. Through the TIGER grant the City of Houston will be building a 0.75 mile trail connection from Antoine Road to Alabonson Road along White Oak Bayou in this Park Sector. The trail along T.C. Jester (currently closed for construction under IH-610) will connect to the MKT trail along 11th Street once the other TIGER funded connection is completed in Park Sector 12. In addition, the Bayou Greenways 2020 initiative proposes to extend the White Oak Bayou Trail northwest of Alabonson Road to Beltway 8 which would add 5.7 miles to the White Oak Bayou trail system. Once the connections are made south of this Park Sector, residents would be able to travel to Downtown to different destinations including universities and the light rail. With these connections, residents would have access to 16 miles of trails on White Oak Bayou, 3.4 miles on the MKT trail and 7 miles along Buffalo Bayou.

EXISTING PARK FACILITIES

County Parks and Trails

Harris County Precinct 1 shares maintenance responsibility of Lincoln Park facilities with HPARD. Other than its maintenance of Lincoln Park's facilities and acreage, Harris County does not own or maintain any other land used for park purposes in this Park Sector. The Harris County Flood Control District owns land along the bayous and has an agreement with the City of Houston for maintenance of some of these areas along trails.

County Park				
Facility Name	Address	Street	Total Acres	Trail Length
Lincoln Park* (inter-local agreement with HPARD)	979	Grenshaw	8.6	0.50
Total HC Park Acreage			**8.6**	
Total HC Trail Length				**0.50**

TABLE 6. TRAILS INTERNAL TO COUNTY PARKS, BAYOU AND URBAN/SHARED USE TRAILS IN PARK SECTOR

SPARK Parks

There are 5 Elementary Schools and 2 High Schools participating in the SPARK Program providing access to park space and a variety of amenities to the public.

SPARK Parks				
Facility Name	**Address**	**Street**	**Total Acres**	**Amenities**
Booker T. Washington High School	119	East 39th Street	3.14	0.26 mi Trail, Multi-Purpose Field
Burrus Elementary School	701	33rd Street	4.99	Playground
Garden Oaks Elementary School	901	Sue Barnett Dr	9.81	Playground
Harris Academy	3130	Holder Forest Dr	10.36	0.12 mi Trail, Playground, Swing Set
Osborne Elementary School	800	Ringold Street	7.26	Playground
Wainwright Elementary School	5330	Milwee Street	5.71	Playground
Waltrip High School	1900	West 34th St	19.60	0.26 mi Paved Trail, 2 Baseball Fields, Football Field, 3 Tennis Courts
Total Acres			**60.87**	

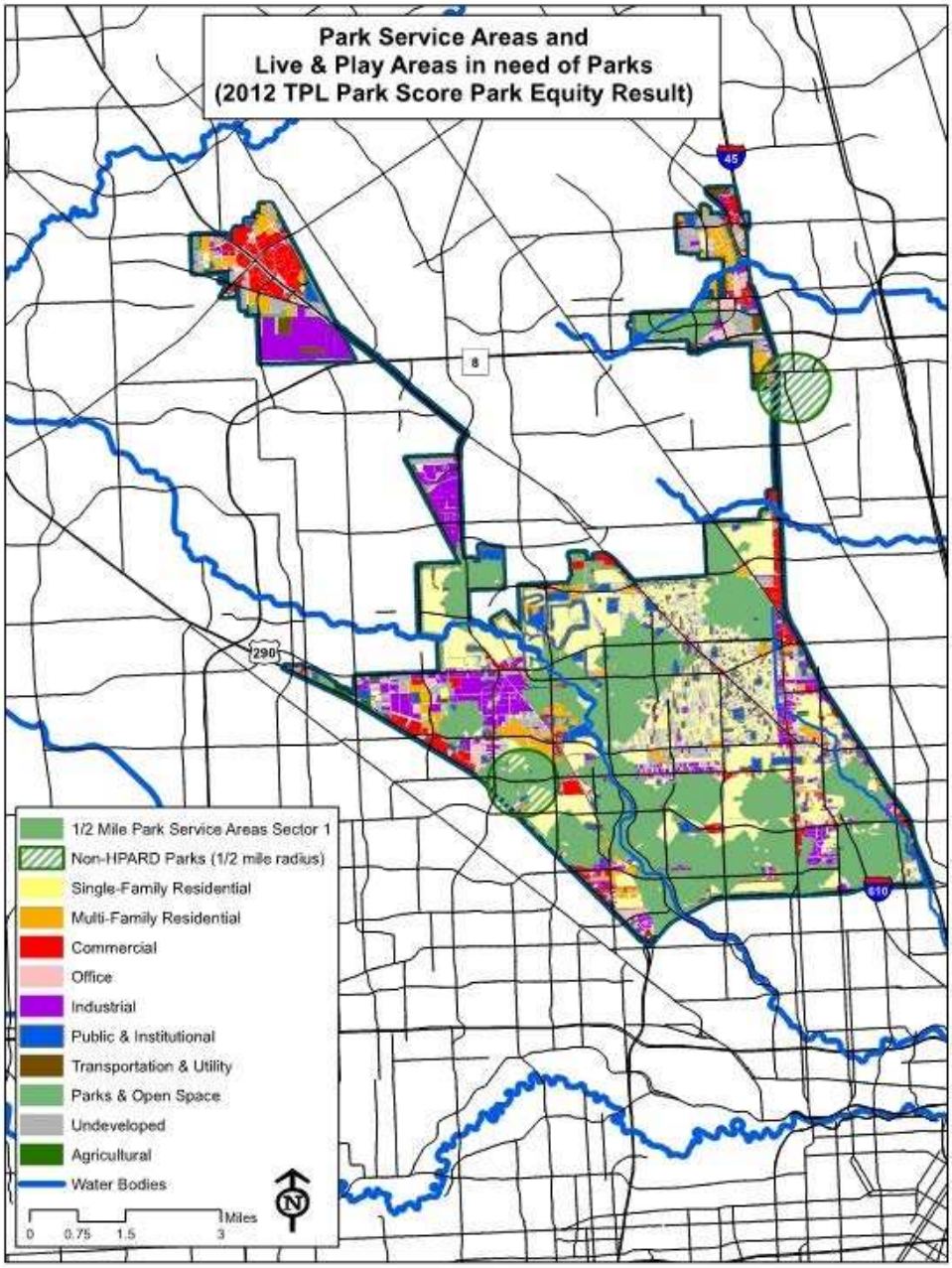
TABLE 7. SPARK PARK ELEMENTARY, MIDDLE AND HIGH SCHOOLS FOR PARK SECTOR 1 BASED ON DATA PROVIDED ON 2011 BY THE SPARK PROGRAM
*Acreage is overstated because it is based on the parcel corresponding to entire school and not the SPARK Park only.

Open and Green Space

In addition to the already mentioned 365.5 acres of parkland operated by HPARD, the Pinemont HOA built and maintains a 2.71 acre park inside that subdivision, and through the Parks and Open Spaces ordinance the Chelsea Senior Community dedicated 1.65 acres of land to serve the residents of this senior multi-family development. The Chelsea Senior Community park serves the residents of this community, so the acreage is included in the Open and Green Space table; however, it is not shown on the service area map since only residents of the Chelsea Senior complex may use the park. The acreage for Lincoln Park is accounted for by HPARD and not in the Harris County acreage in Table 8 below.

Park Type	HPARD Park Number	HC Park Number	HPARD Acreage	County Acreage	Other Providers	Total Park Acreage	HPARD Recommended Standard	Current HPARD LOS	Current Total Inventory LOS	HPARD NEED (2010 Population)	Total Inventory NEED 2010 Population
									Population	148,999	
Pocket Park (1 acre)	2	0	0.82	0	0	0.82	0.005 ac/ 1,000 people	0.01	0.01	-0.08	-0.08
Neighborhood Park (1-15 acres)	20	0	112.80	0	4.36	117.16	1 ac/1,000 people	0.76	0.79	36.00	32.00
Community Park (16-150 acres)	6	0	251.90	0	0	251.90	1.5 ac/1,000 people	1.83	1.83	-28.00	-28.00
TOTAL	28	0	365.50	0	4.36	369.9	**19 ac/1,000 people**			36.00	32.00

TABLE 8. PARK SECTOR 1 HPARD AND LOS AND PARKLAND NEED ANALYSIS
A negative number in the last two columns means there is a surplus, a positive number means there is a need.

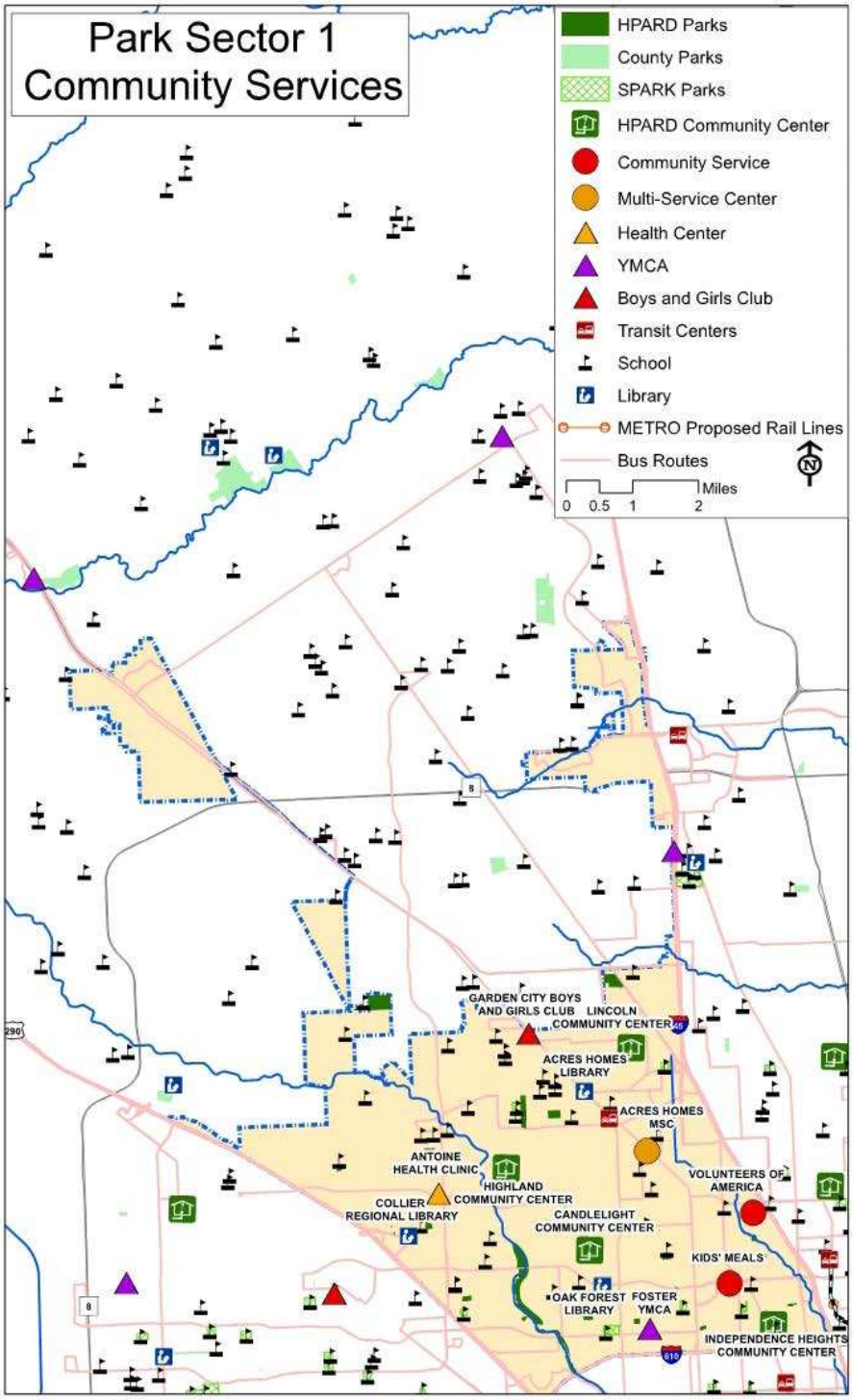


To determine level of service, the 2007 Master Plan outlined standard distances based on park classification as well as population. Analysis in this section will be done based on population (acres/1,000 people), as well as park accessibility within a ½ mile radius using the ParkScore™ Evaluator tool developed by the Trust for Public Land. Table 8 above shows the level of service (LOS) based on the 2007 HPARD recommended standards of a number of acres per 1,000 people using the 2010 Census population. For the purpose of this calculation, TC Jester and Watonga Parkways' acreage is included in the Community Park acreage. According to the HPARD recommended standards per park type (2007 HPARD Master Plan Criteria Facility Needs), this Park Sector is lacking 32 acres of Neighborhood Park land. The acreage for Regional Parks is accounted for in the city-wide analysis.

Another way to measure the level of service provided by parks is by looking at a "walkable" distance (1/2 mile radius) from the park regardless of the size of this park. The Rice University Shell Center for Sustainability published the Houston Sustainable Development Indicators: A Comprehensive Development Review for

FIGURE 7. PARK SECTOR 1 PARK SERVICE AREAS (1/2 MILES ACCESS) AND LIVE/ PLAY AREAS OF NEED

Citizens, Analysts, and Decision Makers and used ¼ of a mile distance of persons living from a park as a sustainability indicator for quality of life and determined that 44% of residents have access to a public space (King 2012). The Trust for Public Land (Trust for Public Land (TPL)) ParkScore™ study mapped the park needs of the City of Houston based on accessibility, density, age, and income. The methodology used by Trust for Public Land (TPL) ParkScore™ factors in the accessibility to a public park within ½ mile considering freeways and major thoroughfares as barriers to park access. Trust for Public Land (TPL) ParkScore™ found that 45% of residents have access to public spaces (Trust for Public Land (TPL) 2012). The map was produced using data provided by Trust for Public Land (TPL) ParkScore™ Project. The areas in green in Figure 7 above represent the area within ½ mile of existing parks not blocked by freeways or major roads; the hatched area represents the service area of a publicly accessible (owned, developed and maintained by the Greenspoint District and the Pinemont HOA) parks that were not accounted for when the Trust for Public Land (TPL) ParkScore™ data was produced. While the Greenspoint park is outside of the Park Sector, its service area provides a small amount of coverage for the fringes of the northern part of the Park Sector. Chelsea Senior Living's private park was not included in the Trust for Public Land (TPL) analysis due to the fact that it is contained within the development and only accessible to its residents and not the public. Roughly 50% of the live/play areas (residential= yellow and orange and some commercial= red) in this Park Sector are not served by a park, lower than that of the entire city (55%). This percentage was calculated by subtracting the areas served, industrial areas, and acreage of private parks from the total acreage of the Park Sector.



AMENITIES AND SERVICES

This map shows some of the community services available in this area: community centers, multi-service and health centers, transit centers, schools, libraries, YMCAs, and Boys and Girls Clubs. There are four community centers located in Park Sector 1: Candlelight, Highland, Independence Heights, and Lincoln Community Centers.

The Acres Homes Multi-Service Center, which is owned and operated by the City of Houston is located in this Park Sector. It contains many valuable community resources, such as senior services, family planning, HIV planning, Houston Community College classes, food assistance, WIC services, immunizations, Head Start programs, and summer youth programs. The Harriet and Joe Foster YMCA is also located in this Park Sector. The non-profit organization ARC of Greater Houston is located in this Park Sector, which advocates for children and adults with intellectual and developmental disabilities. It provides recreational and social programs, educational and disability trainings, and self-advocacy seminars for those with disabilities and their families and caregivers. The Volunteers of American in Greater Houston is a faith-based non-profit organization with a facility in this Park Sector. They provide addiction treatment, location of affordable housing, financial and employment coaching, youth prevention programs, and services for those with disabilities. Kids' Meals is another non-profit organization in this Park Sector that provides home delivery of free, nutritious lunches to children under 5 years of age living in poverty. The libraries in this Park Sector provide computer access, community meeting space, and educational programs.

FIGURE 8. PARK SECTOR 1 COMMUNITY SERVICES AND PUBLIC TRANSIT

Amenities-Level of Service

The 2007 HPARD standards by amenity have been applied to the amenities in Park Sector 1. The first column after the recommended HPARD standards indicates the level of service (LOS) accounting for HPARD facilities only, the total inventory standard accounts for facilities from all providers. Then, the standard for each amenity is compared to the 2010 Census population data for this Park Sector to determine if the standard has been met or if more amenities are needed. The last two columns show the number of facilities needed to meet the standard using HPARD inventory only and using all providers in the Park Sector. According to these recommended HPARD standards, Harris County and other providers are meeting the needs of the residents for tennis courts, dog parks, skate parks, swimming pools, outdoor spraygrounds, and baseball fields. This Park Sector is deficient in playgrounds (15), picnic shelters (8), trails (18 miles), outdoor basketball courts (3), volleyball courts (2), community centers (1), softball fields (1), and soccer fields (15). The current parks in this Park Sector would not support the number of fields shown in the Total Inventory Needs, so additional land would be needed to develop some of these amenities.

	HPARD	Harris County	Other Providers	Total	Recommended HPARD Standard		Current HPARD Level of Service			Current Total Inventory Level of Service	HPARD NEEDS Over/ Under Service	Total Inventory NEEDS Over/ Under Standard
									Population	148,999		
Playgrounds	18	0	5	23	1	4,000	1	8,278	1	6,478	19	14
Picnic Shelters	6	0	1	7	1	10,000	1	24,833	1	21,286	9	8
Trails (developed, not natural, off-street)	11.2	0	0.64	12	0.2	1,000	0.08	1,000	0.08	1,000	19	18
Outdoor Basketball Courts	9	0	0	9	1	12,000	1	16,555	1	16,555	3	3
Tennis	12	0	3	15	1	10,000	1	12,417	1	9,933	3	0
Volleyball	1	0	0	1	1	50,000	1	148,999	1	148,999	2	2
Dog Parks	1	0	0	1	1	100,000	1	148,999	1	148,999	0	0
Skate Parks	1	0	0	1	1	100,000	1	148,999	1	148,999	0	0
Community Centers	4	0	0	4	1	30,000	1	37,250	1	37,250	1	1
Swimming Pools	4	0	0	4	1	50,000	1	37,250	1	37,250	-1	-1
Outdoor Spray-grounds	2	0	0	2	1	100,000	1	74,500	1	74,500	-1	-1
Baseball (Lit & Unlit)	7	0	2	9	1 field	30,000	1	21,286	1	16,555	-2	-4
Softball (Lit & Unlit)	4	0	0	4	1 field	30,000	1	37,250	1	37,250	1	1
Soccer (Lit & Unlit)	0	0	0	0	1 field	10,000	0	148,999	0	148,999	15	15

TABLE 9. LEVEL OF SERVICE FOR AMENITIES IN PARK SECTOR 1
A negative number in the last two columns means there is a surplus, a positive number means there is a need.

Status of Projects (POS/CIP/CDBG/Grants)

- Mangum Manor Park had a retaining wall constructed in part of the park that was experiencing erosion. Along with improving drainage and flooding issues, some beatification was undertaken for this project, which included remulching trees and replanting grass. This project was completed in July 2012.

- In 2007 Turner (Sylvester) Park recently had its baseball fields renovated and the park was redeveloped through a partnership with the Major League Astros baseball team and CIP funds. The scope of work included: lighting two little league fields, one lighted NCAA field, jogging trails, walks, boardwalk, signage, fencing, irrigation, site lighting, parking lots, playground, picnic shelter, landscape and drainage improvements.

SUPPLEMENTAL MAPS: Park Sector 1 Council Districts

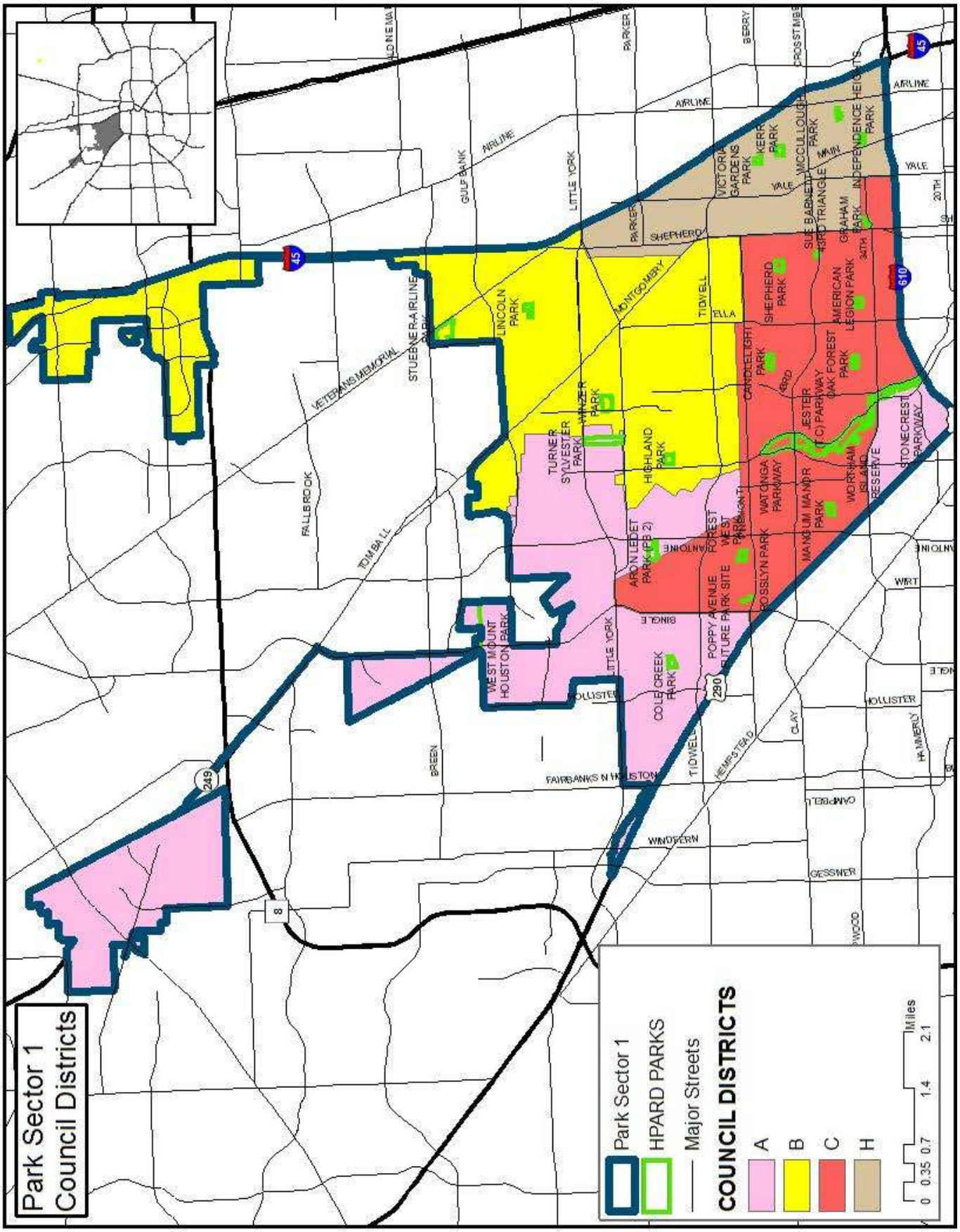


FIGURE 1: PARK SECTOR 1 COUNCIL DISTRICTS

Park Sector 1 Tax Increment Reinvestment Zones (TIRZs) and Management Districts

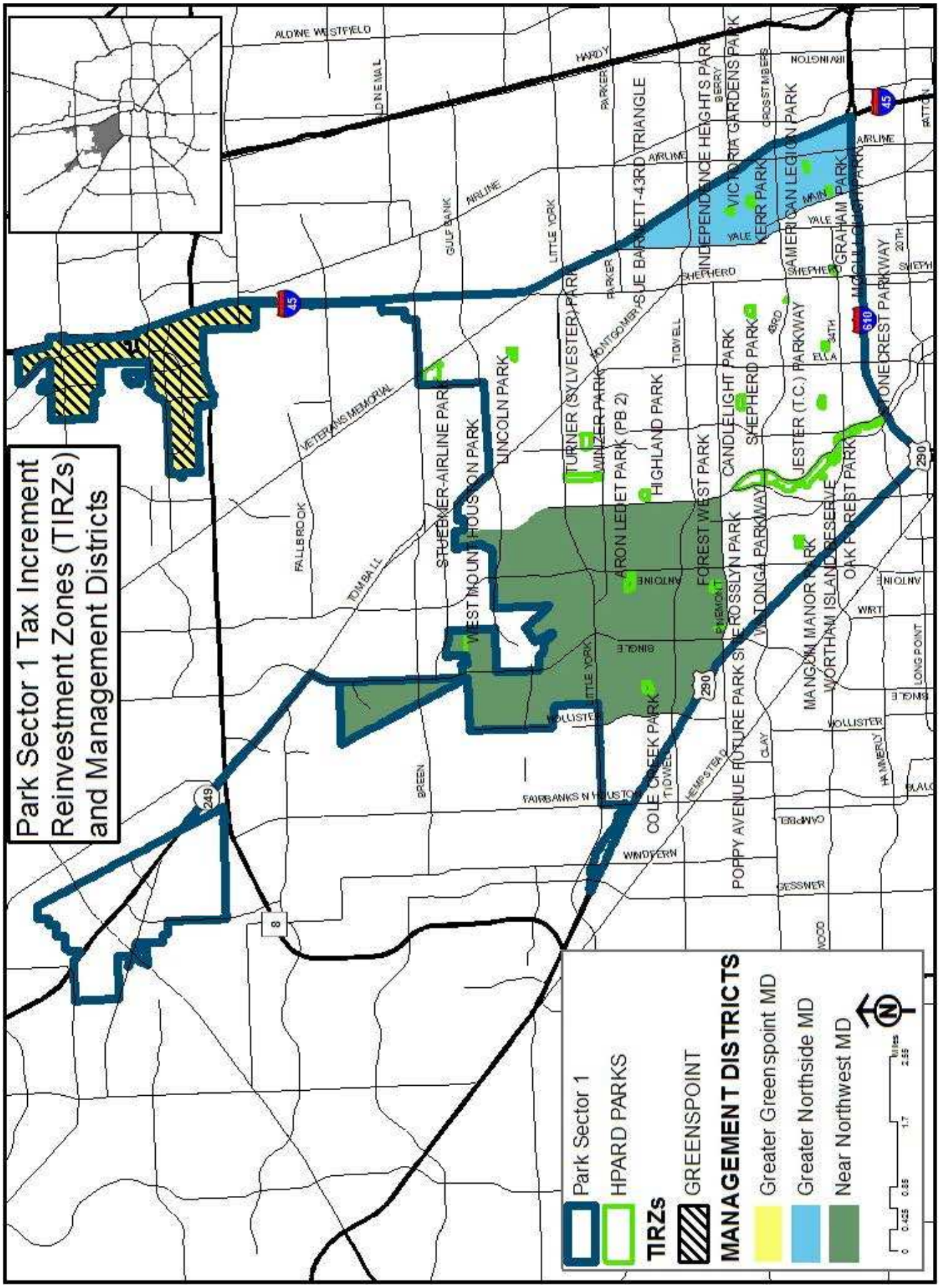


FIGURE 2: PARK SECTOR 1 MANAGEMENT DISTRICTS AND TIRZS

Park Sector 1 Super neighborhoods

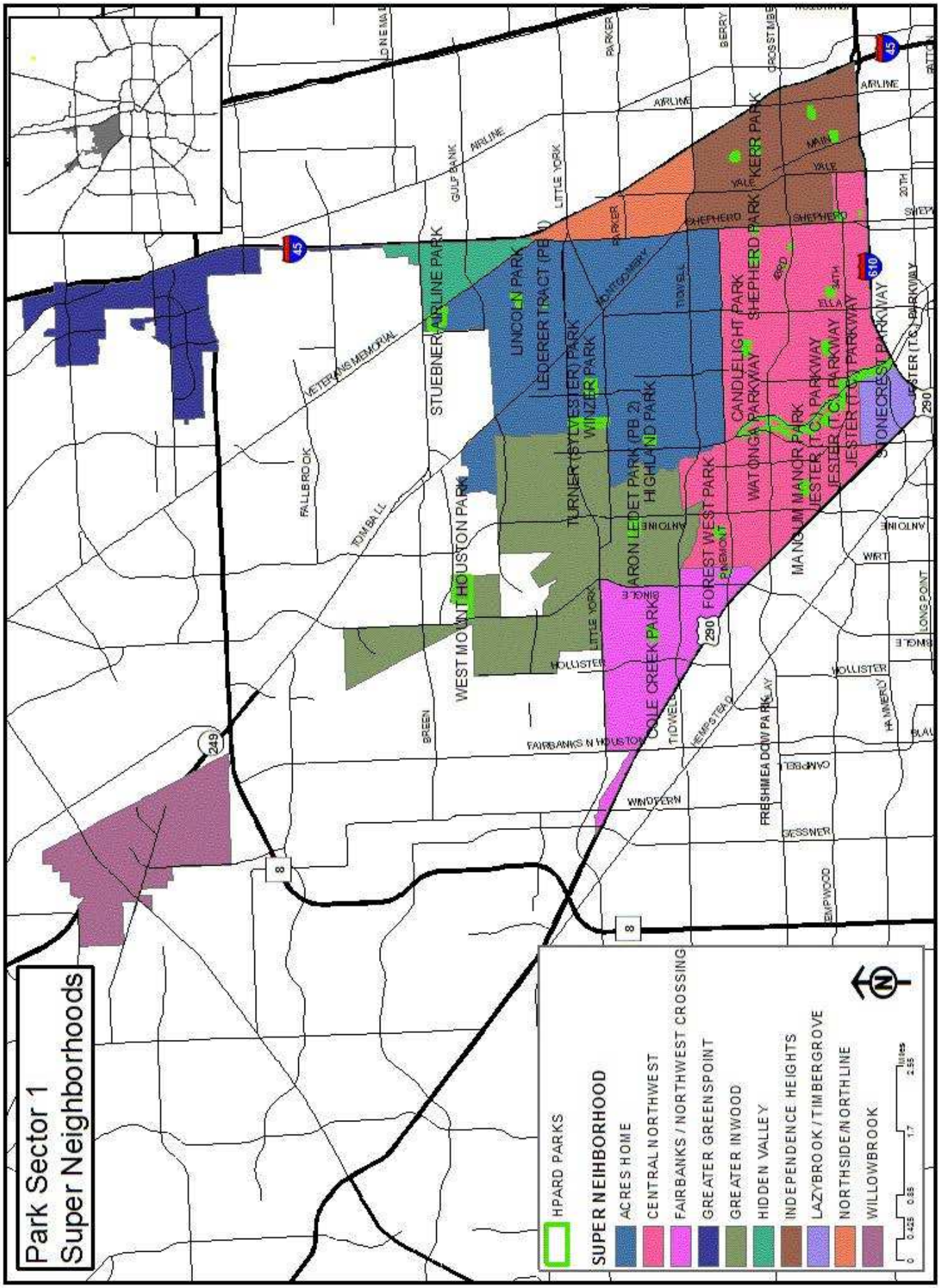


FIGURE 3: PARK SECTOR 2 SUPER NEIGHBORHOODS

Park Sector 1 Floodplain Areas

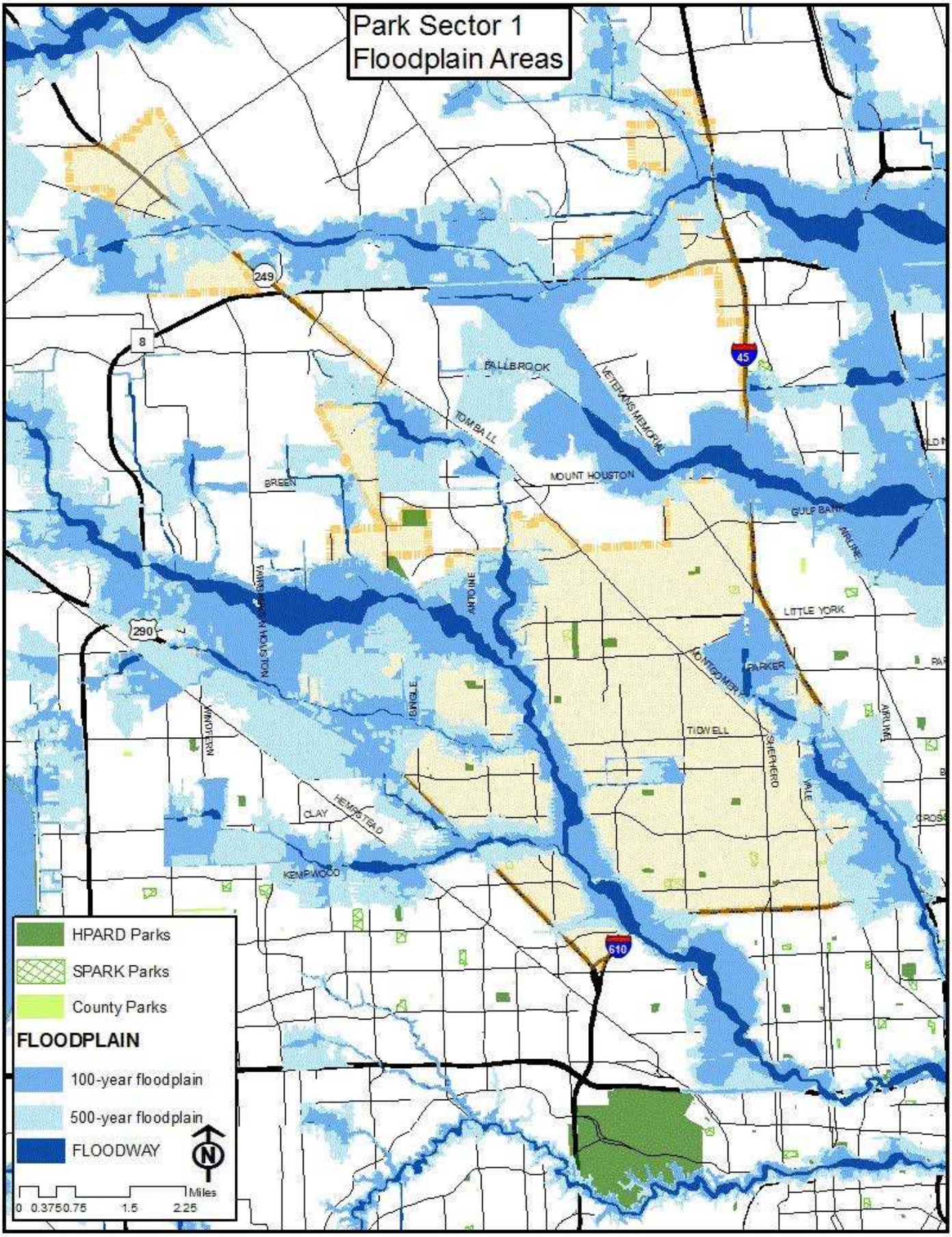


FIGURE 4: PARK SECTOR 1 FLOODPLAIN AREAS