

**PARK  
SECTOR  
13**



# PARK SECTOR 13 SUMMARY

## PARK SECTOR 13 PRIORITIES

These priorities were developed by using condition assessment information from site visits, standard-based needs analysis (NRPA standards and data provided by 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. Develop Neighborhood connections to parks and trails
2. Revitalize existing parks
3. Acquire new parkland
4. Develop partnerships with the school system and other entities
5. Develop new park facilities
6. Preserve environmentally sensitive areas

## RECOMMENDATIONS

The parks in Park Sector 13 that have the highest need for redevelopment are Fleming Park and Linkwood Park.

Thirty (30) acres of parkland are needed in this Park Sector. While the majority of the Park Sector is served by parks within half a mile, there are some areas of need in the northwest and southern portions of the Park Sector. Growth for this Park Sector is expected to continue around the Medical Center, Rice University, and Herman Park areas. Schools not participating in the SPARK School Park Program (Non-SPARK schools) should be explored as potential future partnerships for park space. The Management Districts and residents in the area have expressed interest in safe off-street Neighborhood and on-street connections to the existing Brays Bayou trail. These organizations will be key partners for future planning, implementation and maintenance of projects in the area.

Brays Bayou is planned to span over 20 miles. A connection from the Brays Bayou trail to a north-south route should be explored; there is a north-south utility corridor east of Newcastle that may serve as a connector. This Park Sector is deficient in playgrounds, tennis courts, volleyball courts, skate parks, community centers, swimming pools, and baseball, softball, and soccer fields.

In the 2014 survey, the top three priorities of residents in Park Sector 13 when asked what recreational needs existed in their Neighborhood were: hike, bike and walk trails (59.7%), open space and natural areas (44.1%), and playground areas (37.5%). Other services and amenities that residents asked for in the write-in portion of the survey were: fitness programs, swim lessons, adult tennis programs, disc or frisbee golf, youth nature programs, outdoor environmental education and camping, volleyball, community gardens, arts and crafts programs, and dance or theater programs.

**Sources:** 2010 Census, 2010 Health of Houston Survey, American Community Survey 2013, Houston Parks Board, HPARD 2014 Online Survey, Trust for Public Land ParkScore™ Project, 2040 H-GAC population projections by Park Sector



## EXISTING HPARD PARKS

Facility Name	Address	Street	Total Acres	Trail Length
<b>Pocket Parks</b>				
Vassar Spaceway	1720	Vassar	0.50	N/A
<b>Total HPARD Pocket Park Acreage</b>			<b>0.50</b>	
<b>Neighborhood Parks</b>				
Bell Park	4800	Montrose	1.15	0.17
Braeswood Park	2345	Maroneal/Kelving	1.96	N/A
Cravens Parkway	5901	Main	11.49	0.50
Cullen Sculpture Garden* Operations & Maintenance Agreement	1000	Bissonnet	1.00	N/A
Fannin-Greenbriar Triangle	7898	Fannin/Greenbriar	1.00	N/A
Fleming Park	1901	Sunset Blvd	2.50	N/A
Linkwood Park	3699	Norris	6.00	0.12
MacGregor Way Park	5801	Almeda/MacGregor Way	1.07	N/A
Peggy Park	4101	Almeda	9.22	N/A
Schweppe Park	1801	El Paseo	2.79	N/A
Young (Karl) Park	7800	Stella Link	5.50	0.20
<b>Total HPARD Neighborhood Park Acreage</b>			<b>43.68</b>	
<b>Regional Parks</b>				
Hermann Park	6001	Fannin	445.00	3.60
<b>Total HPARD Regional Park Acreage</b>			<b>445.00</b>	
<b>Corridor/Linear Parks and Greenways</b>				
Braeswood Parkway		Holcombe/S Gessner	206.80	See County
MacGregor Parkway	2200	MacGregor	8.79	0.56
Columbia Tap				0.15
<b>Total HPARD Corridor Park Acreage</b>			<b>215.60</b>	
<b>Total HPARD Park Acreage</b>			<b>704.80</b>	
<b>Total HPARD Trail Length</b>				<b>5.30</b>

## EXISTING COMMUNITY CENTERS AND POOLS

Community Centers and Pool Facilities	Address	Zip Code	Agency Responsible
Linkwood Community Center	3699 Norris	77025	HPARD
Robinson (J., Jr.) Community Center	6001 Fannin	77030	HPARD
Street Olympics Complex Pool	2727 El Camino Street	77054	Harris County

## PARK SERVICE AREAS

The Park Service Area map was produced using data provided by the Trust for Public Land ParkScore™ Project to show 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 27% of the area in this Park Sector is in need of parkland accessible within a ½ mile, as compared to the 55% 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 705 acres of parkland (Harris County, HPARD & other providers). Of the 8,841 acres in this Park Sector, 8% of this acreage is parkland.
- There are approximately 75,000 residents, the highest percentage of Asian-Americans (18.75%) and the second highest percentage of adults between the ages of 20-54 years old in the entire city.
- Growth for this Park Sector is expected to continue around the Medical Center, Rice University, and Herman Park areas.
- An additional 30 acres of land (Neighborhood parks) is needed in this sector. The map shows high need in southern portion of the Park Sector. This is based on the current population (2010 US Census) of the Park Sector and needs assessment done for Pocket, Neighborhood and Community parks (number of acres per 1,000 people).
- H-GAC population projections estimate that this area will add over 30,000 residents by 2040. To meet the parkland needs for the estimated 2040 population an additional 192 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 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. The last row shows the estimated number of amenities needed based on the H-GAC population projections for 2040 and amenity 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	19	10	16	6	8	2	1	1	3	2	1	3	3	8
2015 Existing	14	10	16*	6	5	0	1	0	2	1	1	1	1	1
2015 Needed	5	-	-	-	3	2	-	1	1	1	-	2	2	7
2040 Needed	7	-	6	3	3	-	-	-	1	-	-	1	1	3

\*This number includes 0.5 miles of trails currently under construction between Fannin and Main Streets.

## 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 & 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	\$24,000,000	30 Acres- \$68,000,000	\$11,000,000	\$5,000,000
2040	\$22,000,000	192 Acres- \$435,000,000	\$35,000,000	\$2,000,000
TOTAL 2040	\$46,000,000	222 Acres- \$503,000,000	\$46,000,000	\$7,000,000

# PARK SECTOR PROFILE 13

## LOCATION AND POLITICAL BOUNDARIES

Park Sector 13 is located inside the 610 loop, south of 59, and west of SH 288.

Park Sector Size: 8,841.4 acres or 13.8 square miles

Population: 75,397 people, Density: 5,463 persons/sq. mi.

Political Boundaries within Park Sector 13:

- Council Districts: G, C, D and K.
- Super neighborhoods contained in this Park Sector: Greenway/ Upper Kirby Area, University Place, Braeswood Place, Meyerland Area, Willow Meadows/ Willowbend Area, South Main, Astrodome Area, Medical Center Area, Museum Park, Greater Third Ward, and Mac Gregor
- TIRZ: Upper Kirby, O.S.T./ Almeda, and Midtown
- Management Districts: Upper Kirby, West Montrose, Greater Southeast, Midtown, Uptown Houston, Lamar Terrace Public Improvement District, Harris County Public Improvement District # 2 and HCID 10-A

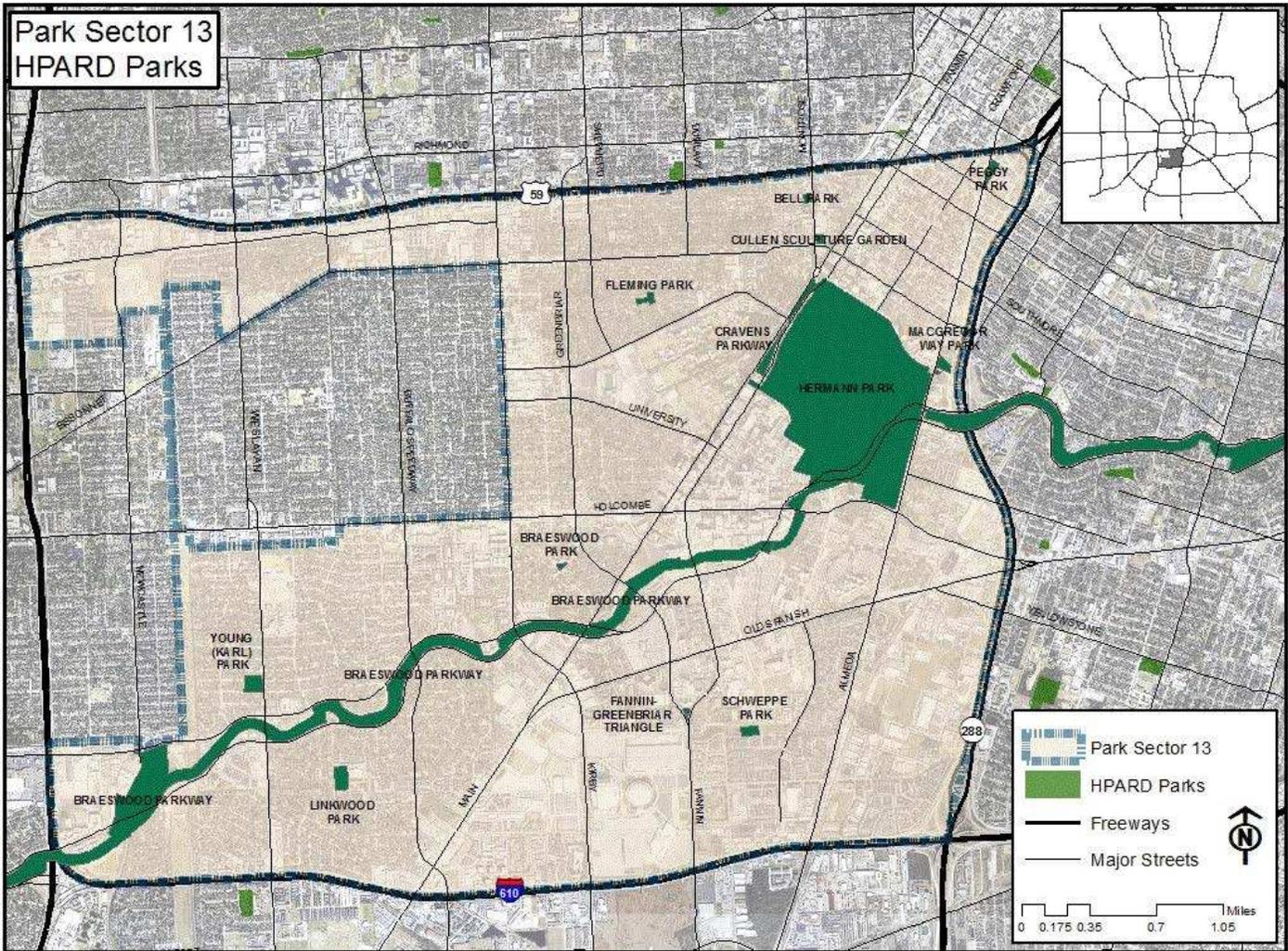


FIGURE 1. PARK SECTOR 13 BOUNDARY AND HPARD PARKS

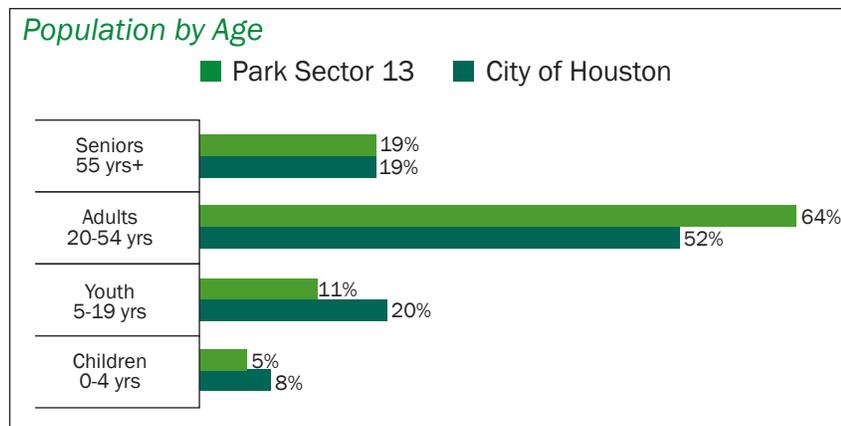
## DEMOGRAPHIC PROFILE

### Ethnicity

	Park Sector 13 Population	Park Sector 13 Percent of Total	Houston Population	Houston Percent of Total
<b>Total Population</b>	<b>75,397</b>	-	2,119,831	-
Hispanic or Latino	8,949	11.9%	919,668	43.8%
Non-Hispanic White	38,460	51.0%	537,901	25.6%
Non-Hispanic Black	11,919	15.8%	485,956	23.1%
Non-Hispanic American-Indian	130	0.2%	126,098	6.1%
Non-Hispanic Asian	14,130	18.7%		
Non-Hispanic Hawaiian or Pacific Islander	45	0.1%		
Non-Hispanic Some Other Race	1,764	2.3%	26,828	1.3%

TABLE 1. PARK SECTOR 13 ETHNICITY (2010 CENSUS & CITY OF HOUSTON PLANNING AND DEVELOPMENT DEMOGRAPHIC DATA)

This Park Sector contains 3.56% of the population of Houston. The majority (51.0%) of residents are Non-Hispanic Whites, followed by Non-Hispanic Asians (18.7%), Non-Hispanic Blacks (15.8%), and Hispanic/Latinos (11.9%). The most populous census tracts in the Park Sector lie along the areas that abut US 610.



The age profile for this Park Sector shows that the percent (64%) of the population 20-54 years old is significantly higher than for the City of Houston (52%). This Park Sector also has significantly less children 19 and under (16%) than that of the rest of the city (28%). These demographic trends can help inform future programming and park improvements.

FIGURE 2. CITY OF HOUSTON VS. PARK SECTOR 13 AGE CITY OF HOUSTON ORTS BY HPARD PROGRAM AGES (2011 AMERICAN COMMUNITY SURVEY, CITY OF HOUSTON PD)

Program Group	Age Groups	PS 13 Population	PS 13 Percent of Total	Program Age Group	City of Houston Population	City of Houston Percent of Total	Program Age Group
Children	0-4 yrs	4,124	5%	5%	166,066	8%	8%
	5-9 yrs	3,219	4%				
Youth	10-14 yrs	2,401	3%	11%	148,843	7%	21%
	15-19 yrs	2,849	4%		135,622	7%	
	20-34 yrs	30,214	39%		140,673	7%	
Adults	35-44 yrs	10,606	14%	64%	539,348	26%	52%
	45-54 yrs	8,693	11%		286,117	14%	
	55-64 yrs	7,596	10%		265,060	13%	
Senior	65 yrs +	7,319	10%	19%	204,852	10%	19%
					192,689	9%	

TABLE 2. CITY OF HOUSTON VS. PARK SECTOR 13 AGE CITY OF HOUSTON ORTS WITH FURTHER BREAKDOWN FOR ALL PROGRAM AGE GROUPS

## Housing

There are a total of 44,112 housing units in this Park Sector. The percent of vacant housing in Park Sector 13 (14.3%) is higher as compared to the vacancy rates for the entire city (12.3%). Home ownership for this Park Sector is 27.6%, much lower than that of the City of Houston (39.7%); conversely, the percent of renters (57.7%) is almost ten percent higher than that of the rest of the city (47.9%).

## Income

The median household income for this Park Sector (\$50,650) is slightly higher than that of the City of Houston (\$48,322). However, 19,098 households, or 49%, in this area have an income below the Houston median household income.

## Educational Attainment

Within Park Sector 13 the percent (19%) of individuals 25+ years of age with a Bachelor's degree or higher is significantly lower than the relative percent for the entire City of Houston (28%). The percentage of those with no degree or no more than a high school diploma (60%) is significantly lower than the percentage (48%) of those within the same population for the City of Houston.

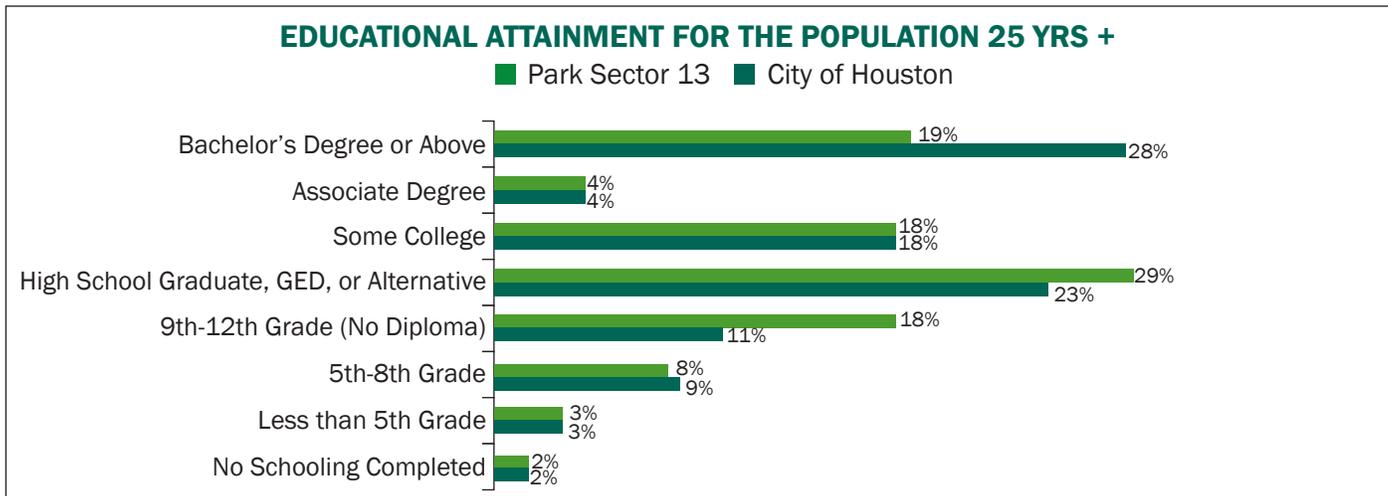


FIGURE 3. EDUCATIONAL ATTAINMENT (2011 CITY OF HOUSTON PD)

## Community Health

The Health of Houston Survey 2010 data (aggregated by Park Sector by the Houston Department of Health and Human Services) shows that 16.8% 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 5.2% of the adult population received a diagnosis of diabetes by a professional, which is below the level for the entire city (11.4%). In addition, this survey inquired about physical activity level and the results indicate that over 40% of the respondents in this Park Sector engage in a moderate physical activity for 5 or more days a week, which is 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 14.9% of the population does not engage in moderate physical activity at all, which is much 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.

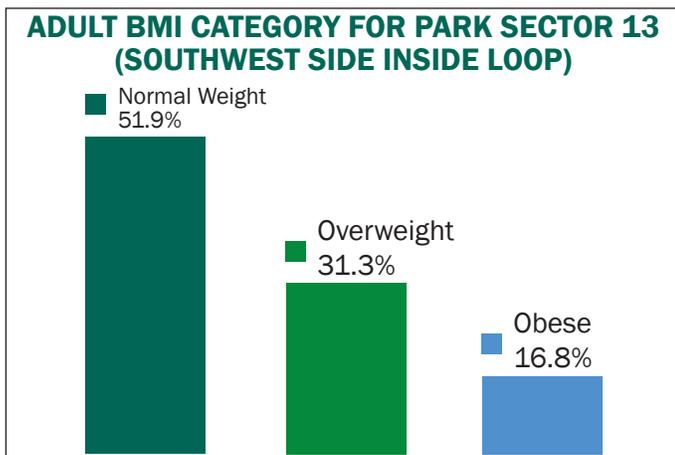


FIGURE 4. HEALTH OF HOUSTON SURVEY (2010)- ADULT BODY MASS INDEX

Moderate Physical Activity in the Last Seven Days	Percentage (%)
0	14.90
1	4.40
2	17.10
3	15.10
4	8.40
5	17.90
6	8.30
7	13.90

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	11,249	51.0%	1,872	29.3%
Multi-Family	8,235	37.3%	756	11.8%
Commercial	761	3.4%	574	9.0%
Office	229	1.0%	486	7.6%
Industrial	166	0.8%	382	6.0%
Public & Institutional	98	0.4%	1,052	16.5%
Transportation	37	0.2%	189	3.0%
Parks & Open Space	46	0.2%	53	0.8%
Undeveloped	1,160	5.3%	1,016	15.9%
Agriculture Production	86	0.4%	8	0.1%
<b>TOTAL</b>	<b>22,067</b>		<b>6,389</b>	

TABLE 4. LAND USE BY DESCRIPTION (2012 HCAD)

The table above shows the breakdown of land use according to 2012 HCAD information. Of the 8,329 multi-family parcels, 95% (or 7,877 parcels) are flagged as condos under HCAD. The median value of properties in this Park Sector is much higher than most other parts of the city and land acquisition in Sector 13 would likely be costly.

Sector 13 contains a varied mix of land uses. Single-family is the dominant land use in the Park Sector, being the land use of 51% of all parcels and 29.3% of all acreage. Public and institutional uses account for 16.4% of all acreage which is likely due to the presence of Rice University and the Medical Center. Undeveloped land also constitutes 16.4% of all acreage in Sector 13 and 5.5% of all parcels. Considering that this Park Sector is highly developed, these percentages would seem to be inaccurate. There are also a large number of multi-family parcels in this Park Sector; 37.5% of all parcels and 11.7% of all acreage are multi-family.

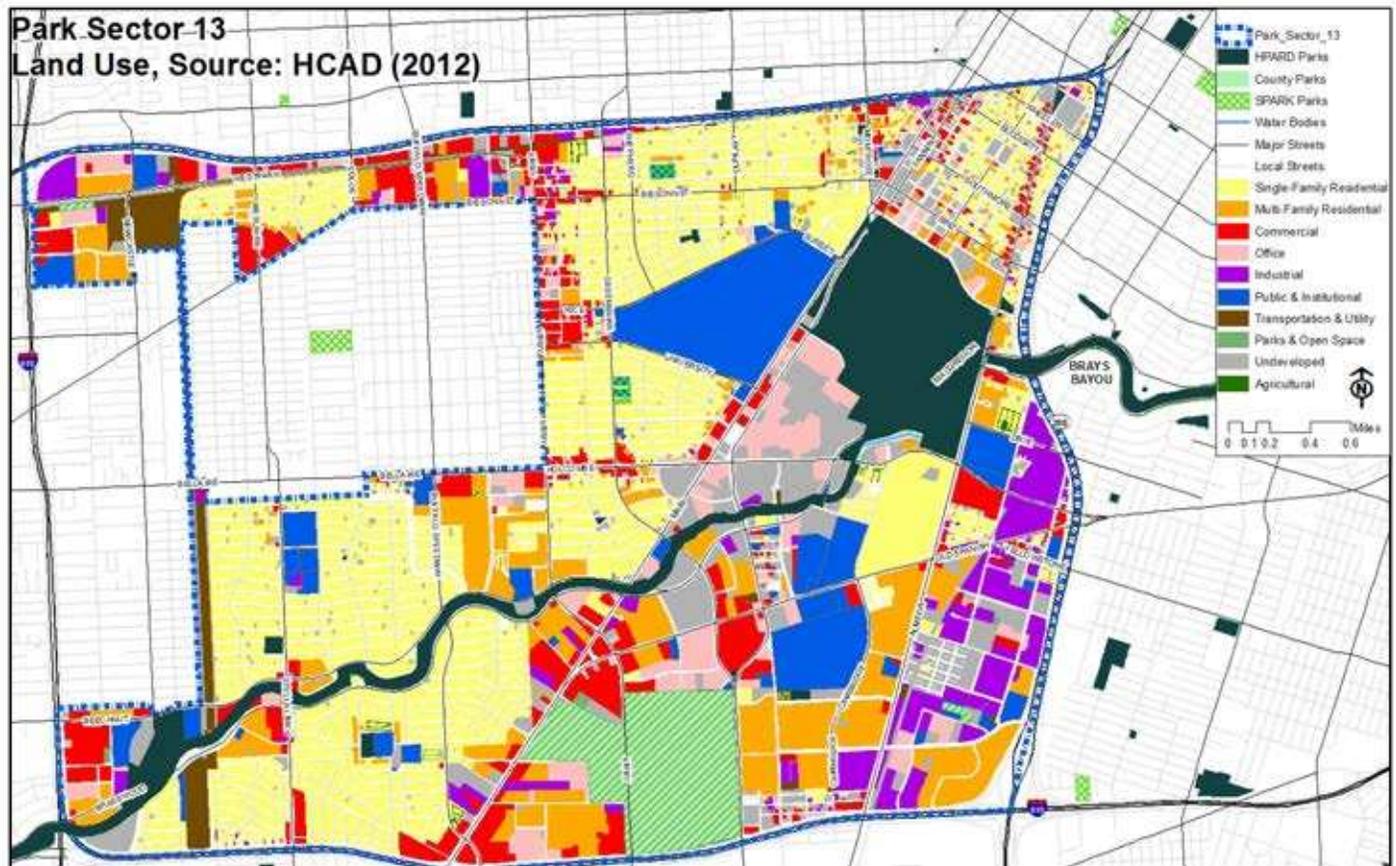


FIGURE 5. PARK SECTOR 13 LAND USE MAP (2013 HCAD) AND HPARD, COUNTY, AND SPARK PARKS

## HPARD PARKS AND TRAILS

Facility Name	Address	Street	Total Acres	Trail Length
Pocket Parks				
Vassar Spaceway	1720	Vassar	0.50	N/A
<b>Total HPARD Pocket Park Acreage</b>			<b>0.50</b>	
Neighborhood Parks				
Bell Park	4800	Montrose	1.15	0.17
Braeswood Park	2345	Maroneal/Kelving	1.96	N/A
Cravens Parkway	5901	Main	11.49	0.50
Cullen Sculpture Garden* Operations & Maintenance Agreement	1000	Bissonnet	1.00	N/A
Fannin-Greenbriar Triangle	7898	Fannin/Greenbriar	1.00	N/A
Fleming Park	1901	Sunset Blvd	2.50	N/A
Linkwood Park	3699	Norris	6.00	0.12
MacGregor Way Park	5801	Almeda/MacGregor Way	1.07	N/A
Peggy Park	4101	Almeda	9.22	N/A
Schwepe Park	1801	El Paseo	2.79	N/A
Young (Karl) Park	7800	Stella Link	5.50	0.20
<b>Total HPARD Neighborhood Park Acreage</b>			<b>43.68</b>	
Regional Parks				
Hermann Park	6001	Fannin	445.00	3.6
<b>Total HPARD Regional Park Acreage</b>			<b>445.00</b>	
Corridor/Linear Parks and Greenways				
Braeswood Parkway		Holcombe/S Gessner	206.8	See County
MacGregor Parkway	2200	MacGregor	8.79	0.56
Columbia Tap				0.15
<b>Total HPARD Linear Park Acreage</b>			<b>215.6</b>	
<b>Total HPARD Park Acreage</b>			<b>704.8</b>	
<b>Total HPARD Trail Length</b>				<b>5.3</b>

TABLE 5. HPARD PARKS, ACREAGE, AND TRAILS INTERNAL TO HPARD PARKS, BAYOU AND URBAN/SHARED USE TRAILS IN PARK SECTOR 13



FIGURE 6. PARK SECTOR 13 BAYOU TRAILS, ON- AND OFF-STREET BIKEWAY SYSTEM (PWE), HPARD, COUNTY, SPARK, PRIVATE PARKS, BIKE/PED BRIDGES AND LIGHT RAIL

In addition to the trails listed in Tables 5 and 6, there is a north-south 2.25-mile path along Newcastle Street mostly inside the City of Bellaire (0.3 miles are in the City of Houston limits). This Bellaire/Houston path is 0.5 miles from the Brays Bayou Trail at the Beechnut/North Braeswood Blvd. intersection. This seems like an ideal opportunity to make a connection to Brays Bayou Trail. Holly Hall shared use bike path (0.8 miles) along Holly Hall Street is also in the Park Sector. It originates along the Main Rail line and joins to Cambridge Street via on-street bike lane and connects to Bray Bayou Trail system. The Holly Hall shared use path ends at Ardmore, which has a signed bike route. Accounting for these trails, along with the Harris County and HPARD trails, this Park Sector has a total of 14.8 miles of trails.

## County Parks and Trails

Reliant Park is not actually a park and is in substandard condition and is physically deteriorating. The sports arena the Astrodome was located here before being closed in 2000. Harris County has not made a decision as whether to renovate the Astrodome or demolish it.

County Park				
Facility Name	Address	Street	Total Acres	Trail Length
Brays Bayou Hike & Bike Trail	9601	Braes Bayou Drive	250.00	8.94
Danny Jackson Family Bark Park	4828 ½	Loop Central Drive	2.76	0.30
Reliant Park	1	Reliant Park	263.00	N/A
Street Olympics Complex		El Camino Street	7.25	N/A
<b>Total HC Park Acreage</b>			<b>523.01</b>	
<b>Total HC Trail Length</b>				<b>9.24</b>

TABLE 6. TRAILS INTERNAL TO COUNTY PARKS, BAYOU AND URBAN/SHARED USE TRAILS IN PARK SECTOR 13

## SPARK Parks

There are 2 Elementary Schools participating in the SPARK Program providing access to park space and a variety of amenities to the public. For the purpose of this Master Plan, these playgrounds will be assumed to serve the 5-12 year old population.

SPARK Parks				
Facility Name	Address	Street	Total Acres*	Amenities
Poe Elementary School	5100	Hazard St	5.34	Playground, Outdoor Basketball Pavilion, Multi-Purpose Field
Roberts Elementary School	6000	Greenbriar	5.45	2 Playgrounds, 1 Soccer Field (Unlit)
<b>Total Acres*</b>			<b>10.79</b>	

TABLE 7. SPARK PARK ELEMENTARY, MIDDLE AND HIGH SCHOOLS FOR PARK SECTOR 13 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

To determine the 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 data provided by The Trust for Public Land ParkScore™ Project.

The table below shows the level of service (LOS) based on the 2007 HPARD Master Plan recommended standards of a number of acres per 1,000 people using the 2010 Census Population. According to the HPARD recommended standards per park type (2007 HPARD Master Plan Criteria Facility Needs): 0.005 acres/1,000 people for a Pocket park, this Park Sector needs 7.04 acres of parkland. To meet the HPARD recommended standards per park type (2007 HPARD Master Plan Criteria Facility Needs) of 1.0 acres/1,000 people for a Neighborhood park, Park Sector 13 needs 22.93 acres of parkland. For the HPARD recommended standards per park type (2007 HPARD Master Plan Criteria Facility Needs): 1.5 acres/1,000 people for a community park, Park Sector 13 meets the standard. A total of 29.97 acres are needed in this Park Sector. In this case, the acreage considered here is for Braeswood Parkway which fits the size of a Community Park, however, does not have the amenities of a typical community park but instead those of a Corridor or Linear park. Corridor and linear parks are being considered as Regional Parks in the analysis in Table 7. With the BG2020 efforts to build out bayou greenways throughout the city, the greenway and trail system should be considered more as linear, Regional Parks that will eventually traverse the majority of the city and serve various areas and population. The acreage for Regional Park is accounted for in the city-wide analysis. The analysis for level of service and needs is shown 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										75,397	
Pocket Park (<1 acre)	1	0	0.50	0	0	0.50	0.1 ac/1,000 people	0.01	0.01	7.04	7.04
Neighborhood Park (1-15 acres)	11	0	52.5	0	0	52.5	1 ac/1,000 people	0.7	0.7	22.93	22.93
Community Park (16-150 acres)	0	0	206.79	0	0	206.79	1.5 ac/1,000 people	2.74	2.74	-93.69	-93.69
Regional Parks (151+ acres)	1	0	445.00	0	0	445.00	8.0 ac/1,000 people				
<b>TOTAL</b>	15	0	704.76	0	0	704.76	19 acres/1,000			29.97	29.97

TABLE 8. HPARD 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.

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 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™ Project study mapped the park needs of the City of Houston based on accessibility by density, age, and income. The methodology used by Trust for Public Land (TPL) ParkScore™ Project 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™ Project found that 45% of residents have access to public spaces (Trust for Public Land (TPL) 2012). The map in Figure 6 was produced using data provided by Trust for Public Land (TPL) ParkScore™Project. The areas in green on the map below 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 City of Bellaire and the City of West University Place) parks that were not account for when the Trust for Public Land (TPL) ParkScore™ data was produced. These parks only provide some coverage for the northwestern fringes of the Park Sector. Roughly 27% of the live/play areas (residential= yellow and orange and some commercial= red) in this Park Sector are not served by a park, which is 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. The hatched areas are not accounted in the percentage for the areas served at this time, so the service area percentage is underestimated.

This Park Sector does not have any Community Parks. Acquiring additional parkland along Braeswood Parkway and providing facilities similar to those available in a community park could be a solution. In general increased safe bike and pedestrian connections to Braeswood Parkway will improve accessibility to residents in the area. This Park Sector has also added high-rise apartment developments at a fast pace in the last few years and the trend seems to be continuing. Encouraging private parks to be dedicated by developers to meet the open space ordinance in this Park Sector may be a strategy to providing park space in the areas where density is increasing.

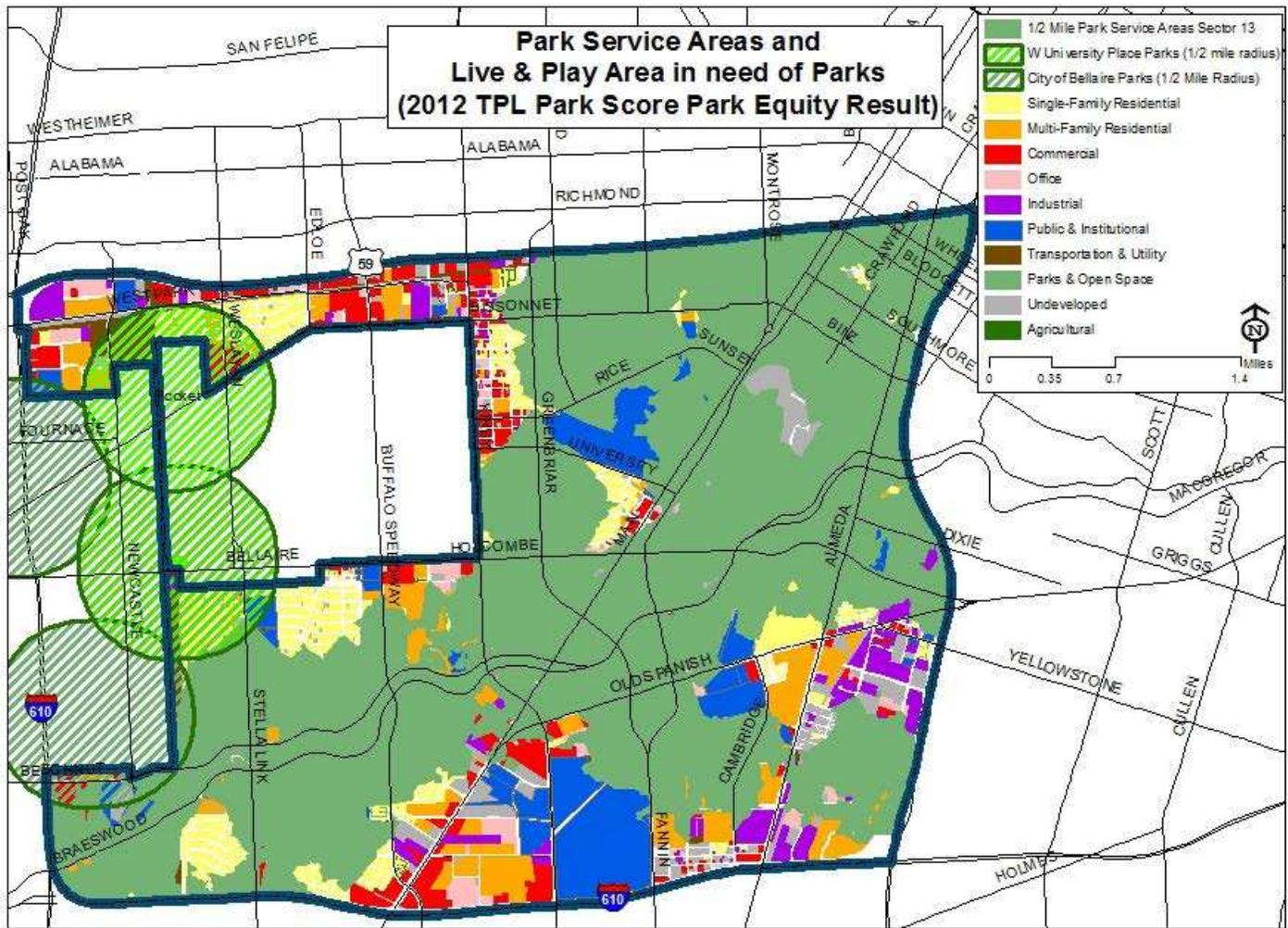


FIGURE 7. PARK SECTOR 13 PARK SERVICE AREAS (1/2 MILES ACCESS) AND LIVE/PLAY AREAS OF NEED

## AMENITIES AND SERVICES

This map shows some of the community services available in this Park Sector: community centers, YMCAs, libraries, and transit centers. There are two HPARD community centers located in this Park Sector: Linkwood and Robinson (J. Jr.) Community Centers. The Weekley Family YMCA is located in this Park Sector. Directly next door to the YMCA is the Sheltering Arms Senior Services, a subsidiary of neighborhoods Centers Inc. and a non-profit affiliate of United Way. This organization offers free services, to those who meet the eligibility requirements, such as case management, utility assistance, home weatherization assistance, and a telephone help line. The libraries in this Park Sector provide computer access, community meeting space, and educational programs.

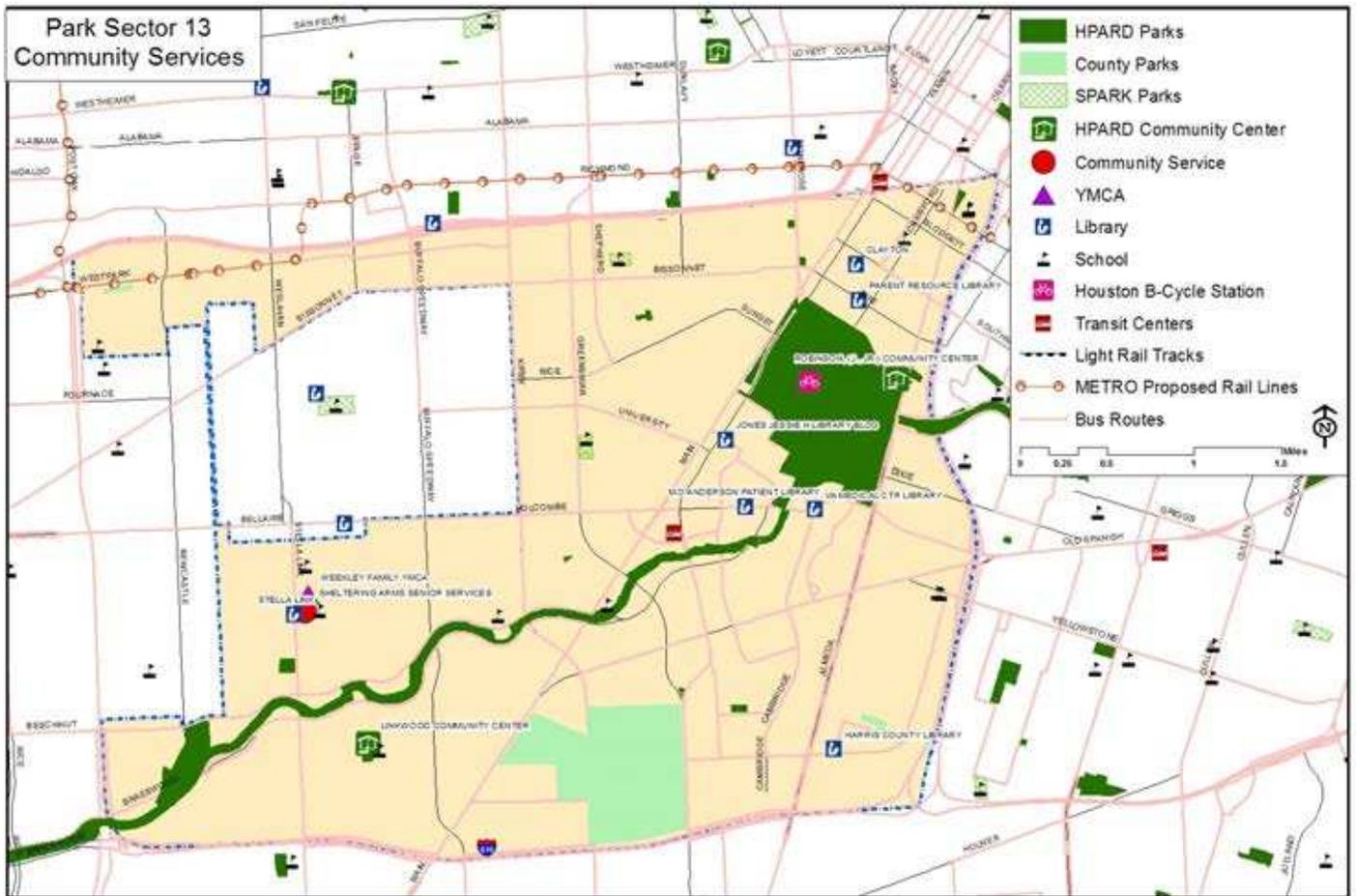


FIGURE 8. PARK SECTOR 13 COMMUNITY SERVICES AND PUBLIC TRANSIT

### Amenities - Level of Service

The 2007 HPARD standards by amenity have been applied to the amenities in Park Sector 13. The standard for each amenity is then 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 picnic shelters, outdoor basketball courts, dog parks and outdoor spraygrounds. This Park Sector is deficient in playgrounds (5), tennis courts (3), Volleyball Courts (2), skate parks (1), community centers (1), swimming pools (1), baseball fields (2), softball fields (2), and soccer fields (7).

	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			
<b>Population</b>							<b>75,397</b>					
Playgrounds	12	0	2	14	1	4,000	1	6,283	1	5,386	7	5
Picnic Shelters	10	0	0	10	1	10,000	1	7,540	1	7,540	-2	-2
Trails	5.3	9.24	0.8	15.3	0.2	1,000	0.07	1,000	0.2	1,000	10	0
Outdoor Basketball Courts	5	0	1	6	1	12,000	1	15,079	1	12,566	1	0
Tennis	5	0	0	5	1	10,000	1	15,079	1	15,079	3	3
Volleyball	0	0	0	0	1	50,000	0	75,397	0	75,397	2	2
Dog Parks	0	1	0	1	1	100,000	1	75,397	1	75,397	1	0
Skate Parks	0	0	0	0	1	100,000	0	75,397	0	75,397	1	1
Community Centers	2	0	0	2	1	30,000	1	37,699	1	37,699	1	1
Swimming Pools	0	1	0	1	1	50,000	0	75,397	1	75,397	2	1
Outdoor Spraygrounds	1	0	0	1	1	100,000	1	75,397	1	75,397	0	0
Baseball (Lit & Unlit)	1	0	0	1	1 field	30,000	1	75,397	1	75,397	2	2
Softball (Lit & Unlit)	1	0	0	1	1 field	30,000	1	75,397	1	75,397	2	2
Soccer (Lit & Unlit)	0	0	1	1	1 field	10,000	1	75,397	1	75,397	8	7

TABLE 9. LEVEL OF SERVICE FOR AMENITIES IN PARK SECTOR 13  
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)

- The Fannin/Greenbriar esplanade is being renovated. Landscaping is being carried out on the medians between the Mecom Fountain and the Sam Houston Monument and the median between Fannin and Main. The renovations involve pavement, lighting, landscaping and irrigation. This project is expected to be completed in 2015.
- Hermann Park golf course received 871 new trees that were planted in March 2013. The Mary Criner Memorial bench and new trees were also installed with a granite trail to access the new seating by the lake.
- The Miller Outdoor Theater was irrigated and resodded in 2013.
- Scheppe Park will be renovated and is in design phase. The work is expected to be finished in 2015-2016.

**SUPPLEMENTAL MAPS:**

**Park Sector 13 Council Districts**

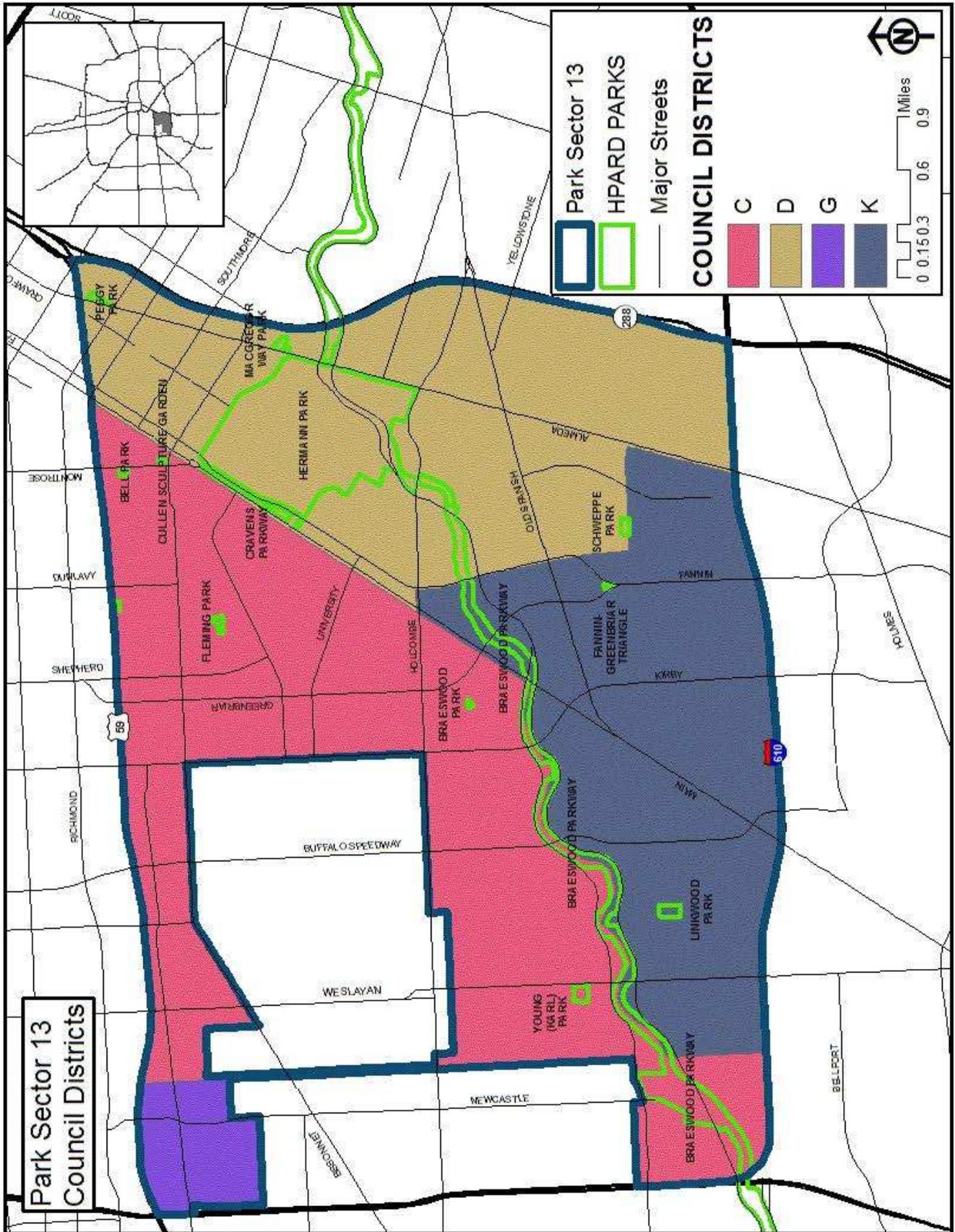


FIGURE 1- PARK SECTOR 13 COUNCIL DISTRICTS





## Park Sector 13 Floodplain Areas

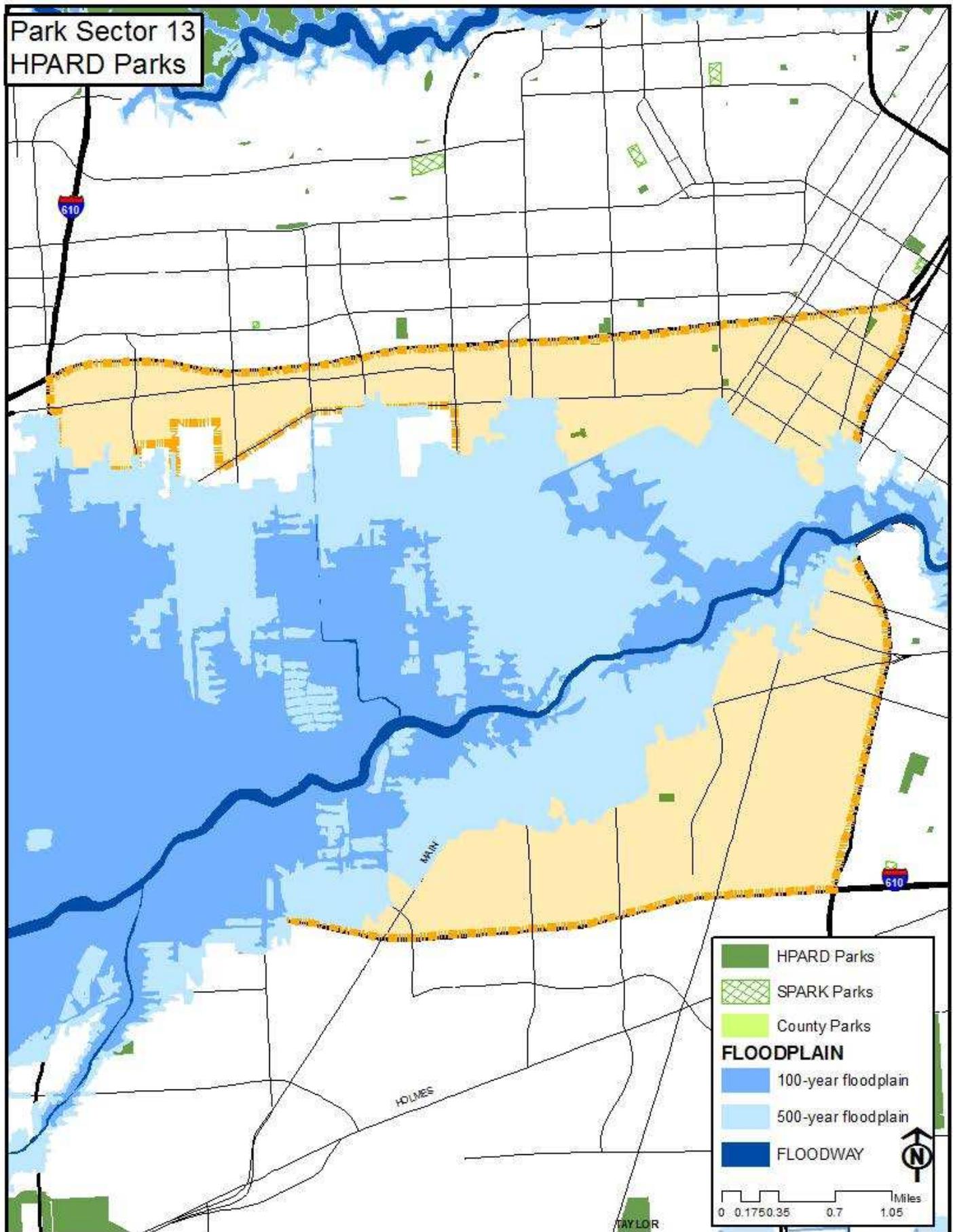


FIGURE 4: PARK SECTOR 13 FLOODPLAIN AREAS