

# 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 park land
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 park land 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 Houston Health Survey, American Community Survey 2013, Houston Parks Board, HPARD 2014 Online Survey, Trust for Public Land







## 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
<b>Total Pocket Park Acreage</b>			<b>0.82</b>	
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
<b>Total HPARD Neighborhood Park Acreage</b>			<b>112.80</b>	
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
<b>Total HPARD Community Park Acreage</b>			<b>153.88</b>	
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
<b>Total HPARD Linear Park Acreage</b>			<b>98.00</b>	
<b>Total HPARD Park Acreage</b>			<b>365.50</b>	
<b>Total HPARD Trail Length</b>				<b>5.60</b>



## 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 grey, to specifically highlight residential and commercial areas of need. Approximately 50% of the area in this Park Sector is in need of park land 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 park land 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 park land 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	22	7	18*	9	15	1	1	1	4	4	2	9	4	0
2015 Needed	15	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)

### GUIDE FOR ESTIMATED COST OF NEW AMENITIES, PARK LAND, 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 park land 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 sqft 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 2 SUMMARY

### PARK SECTOR 2 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. Revitalize existing parks
2. Develop neighborhood connections to parks and trails
3. Develop partnerships with the school system and other entities
4. Acquire new park land
5. Develop new park facilities
6. Preserve environmentally sensitive areas

### RECOMMENDATIONS

The parks in Park Sector 2 that have the highest need for redevelopment are listed from greatest need to least need: Cooper Road Park, Curry Street Park, Milton Park, Croyden Gardens Park, and Squatty Lyons Park.

An additional 17.5 acres of park land are needed in this Park Sector. Schools not participating in the SPARK School Park Program (Non-SPARK schools) should be explored as potential future partnerships for park space. There is also a high percentage of undeveloped land in this Park Sector which could be conserved for future park use. There is one utility corridor running north-south, south of Veterans Memorial Park and east of the Hardy Toll Road that could be explored for future trail development. As there are few portions of this Park Sector that are traversed by bayous, trail development should be explored along existing utility corridors. In addition, both the Antoine Corridor and the Harris County-Airline Improvement District Livable Center Studies have identified some areas of potential future connections to the current park system which should be explored to address future park space and trail connections.

This Park Sector is deficient in playgrounds, trails, volleyball courts, dog parks, skate parks, community centers, and pools. In the 2014 Online survey, the top four priorities of residents in Park Sector 2 when asked what recreational needs existed in their neighborhood were: hike, bike and walk trails, upgraded community centers, playground areas, and picnic areas and pavilions. Other services and amenities that residents asked for in the write-in portion of the survey were: a swimming pool at Melrose Park, Zumba and aerobics classes, spraygrounds, walking trails, natural areas, fitness and nutrition programs, swim lessons, dance and theater programs, and senior programming.

As there is little redevelopment occurring in this Park Sector, although some is anticipated close to I-610 and along the light rail line, this Park Sector should be targeted for CIP and bond funds for future development and land acquisition. In addition, because 72% of the population in this Park Sector has low to moderate incomes, there is an opportunity to pursue Community Development Block Grant (CDBG) funds. Because of the health profile (obesity, 35.6%, and diabetes, 16.8%, levels higher than the city as a whole of 30.8% and 11.4% respectively) of this Park Sector, partnerships focused on increasing physical activity levels and programming for healthy living should be explored.

**Sources:** 2010 Census, 2010 Houston Health 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
Pocket Parks				
Milton Park (Lease)	6150	Jensen/Caplin	0.94	N/A
<b>Total Pocket Park Acreage</b>			<b>0.94</b>	
Neighborhood Parks				
Clark Park	9718	Clark	12.74	0.36
Cooper Road Park	200	Cooper Rd	3.64	N/A
Croyden Gardens Park	8400	Millicent	2.70	N/A
Curry Street Park	7201	Curry	6.00	N/A
Northline Park	6902	Nordling	13.63	0.42
Reed (Harry) Park	7500	Jensen	1.88	N/A
Shady Lane Park	10220	Shady Lane	12.40	0.70
<b>Total HPARD Neighborhood Park Acreage</b>			<b>52.99</b>	
Community Parks				
Melrose Park	1000	Canino Road	92.44	0.25
Squatty Lyons Park	1701	Chamberlin	19.79	N/A
Veterans Memorial Park	1800	Tidwell	21.54	0.36
<b>Total HPARD Community Park Acreage</b>			<b>133.77</b>	
Regional Parks				
Keith-Wiess Park	12300	Aldine-Westfield	499.46	2.85
<b>Total HPARD Regional Park Acreage</b>			<b>499.46</b>	
<b>Total HPARD Park Acreage</b>			<b>687.20</b>	
<b>Total HPARD Trail Length</b>				<b>4.94</b>

## EXISTING COMMUNITY CENTERS AND POOLS

Community Centers and Pool Facilities	Address	Zip Code	Agency Responsible
Clark Community Center	9718 Clark	77076	HPARD
Melrose Community Center	1000 Canino Road	77076	HPARD
Northline Park Pool	6902 Nordling	77076	HPARD
Shady Lane Community Center	10220 Shady Lane	77093	HPARD



## PARK SERVICE AREAS

The Park Service Area 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 grey, to specifically highlight residential and commercial areas of need. Approximately 40% of the area in this Park Sector is in need of park land 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 743 acres of parkland (Harris County, HPARD and other providers). Of the 13,166 acres in this Park Sector, 6% of this acreage is parkland.
- There are approximately 100,000 residents. Over 81% of the population is Hispanic or Latino (higher than the City of Houston at 44%).
- Growth for this Park Sector is expected along the light rail and closest to 610 freeway.
- An additional 17.5 acres of park land are needed in Sector 2. 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).
- There is a total of 8 miles of existing trails serving this Park Sector.
- H-GAC population projections estimate that this area will add over 10,000 residents by 2040. To meet the park land needs for the estimated 2040 population an additional 11 acres of park land 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. 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	24	12	19	11	12	2	1	1	4	2	2	14	4	15
2015 Existing	22	12	8	9	12	1	0	0	3	1	2	14	4	15
2015 Needed	2	-	11	2	-	1	1	1	1	1	-	-	-	-
2040 Needed	3	-	2	-	-	-	-	-	1	-	-	-	-	-



## GUIDE FOR ESTIMATED COST OF NEW AMENITIES, PARK LAND, 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 and if expansion of the park was needed for these amenities.
2. **Cost of Park Land:** This is the land needed to meet the park land 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 sqft 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 per resident 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	\$18,000,000	17.5 Acres \$3,000,000	\$18,000,000	\$6,000,000
2040	\$9,000,000	11 Acres \$2,000,000	\$44,000,000	\$700,000
TOTAL 2040	\$27,000,000	28 Acres \$5,000,000	\$62,000,000	\$6,700,000



# PARK SECTOR 3 SUMMARY

## PARK SECTOR 3 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 online survey, park user interviews, community events and Capital Improvement Plan (CIP) meetings.

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

## RECOMMENDATIONS

The park in Park Sector 3 that has the highest need for redevelopment is Dylan Duncan Memorial Skatepark. Farnsworth, Kingwood, and San Jacinto Parks are all undeveloped and could serve as sites for future amenities.

Over six acres of parkland are needed in this Park Sector. Schools not participating in the SPARK School Park Program (Non-SPARK schools) should be explored as potential future partnerships for park space. There are a multitude of private parks maintained by private Home Owner Associations in this Park Sector, primarily west of Lake Houston. Private park land dedication through the Parks and Open Spaces Ordinance of the Planning Department's Chapter 42 has occurred in this Park Sector for new single-family subdivisions. As the private park model is the preferred park in this area, new subdivisions should be encouraged to dedicate land for their residents to keep up with the residential growth and the park land level of service in the area.

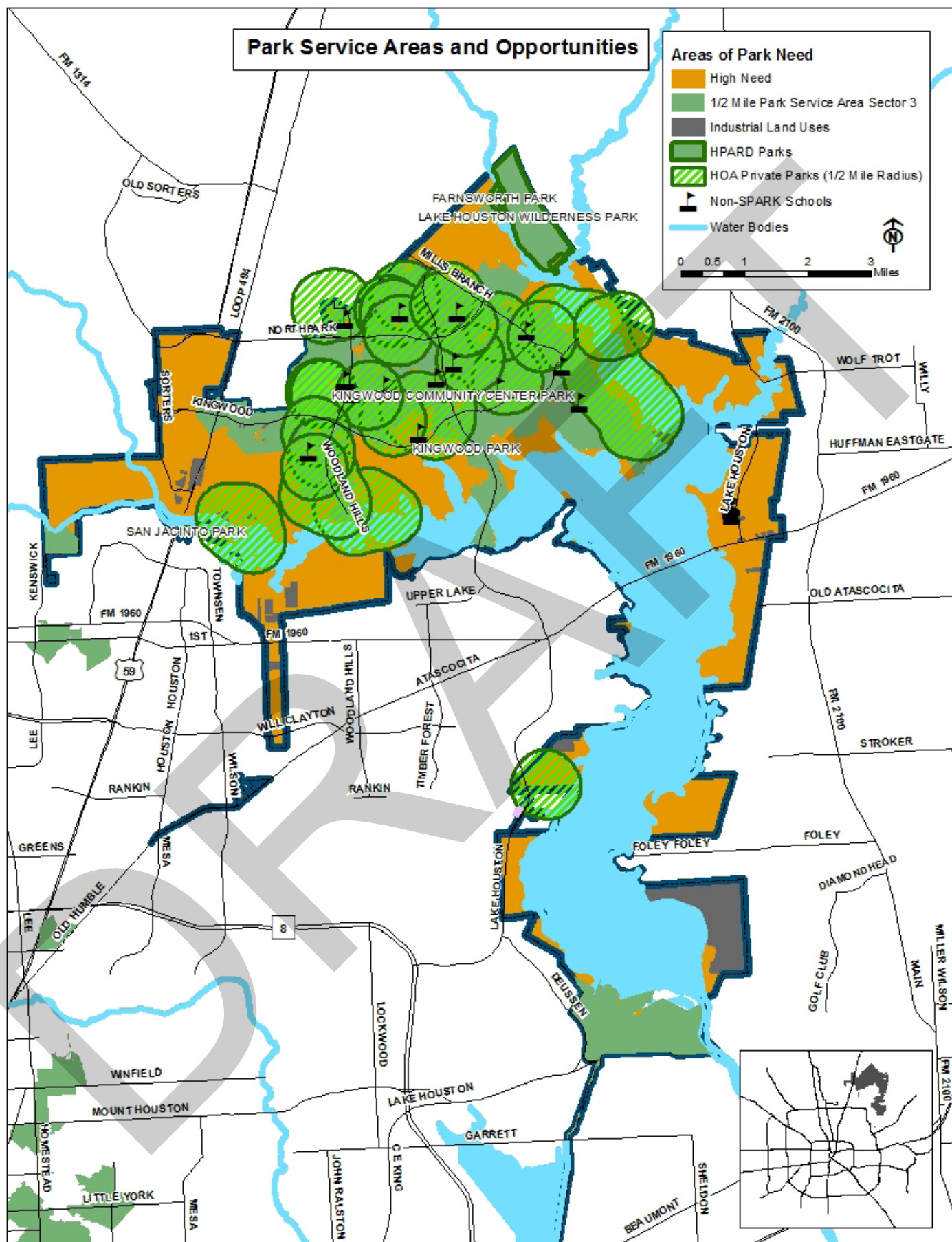
This Park Sector is deficient in outdoor basketball courts and tennis courts. In the 2014 survey, the top three priorities of residents in Park Sector 3 when asked what recreational needs existed in their neighborhood were: open space and natural areas, dog parks, and upgraded community centers). Other services and amenities that residents asked for in the write-in portion of the survey were: evening recreational programming, more connections into Lake Houston Wilderness Park, fitness programs, adult tennis programs, fishing activities, youth nature programs, adult softball leagues, dance and theater programs, and outdoor environmental education and camping.

A quarter of the population in this Park Sector is over 55 years old, which is a greater proportion of the population as compared to all other Park Sectors and the city as a whole of (19%). Over 37% of the population is obese compared to 30.1% for the City of Houston (COH). Based on this health profile, partnerships focused on increasing physical activity levels and programming that promote healthy living should be explored.

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

\*Source H-GAC population projections by Park Sector







## EXISTING HPARD PARKS

Facility Name	Address	Street	Total Acres	Trail Length
Pocket Parks				
<b>Total Pocket Park Acreage</b>			<b>0.00</b>	
Neighborhood Parks				
Dylan Duncan Memorial Skate Park (formerly Kingwood Skate Park)	3950	Rustic Woods	1.02	N/A
Kingwood Community Center Park	4102	Rustic Woods Drive	2.52	N/A
Kingwood Park	2700	Bens Branch @ Bens View	4.28	N/A
San Jacinto Park	22100	US-59/San Jacinto River	8.92	N/A
<b>Total HPARD Neighborhood Park Acreage</b>			<b>16.74</b>	
Community Parks				
Farnsworth Park		Basin St./Walden Woods Subdivision	22.00	N/A
<b>Total HPARD Community Park Acreage</b>			<b>22.00</b>	
Regional Parks				
Lake Houston Wilderness Park	22031	Baptist Encampment Road	4,786.60	11.60
<b>Total HPARD Regional Park Acreage</b>			<b>4,786.60</b>	
<b>Total HPARD Park Acreage</b>			<b>4,825.34</b>	
<b>Total HPARD Trail Length</b>				<b>11.60</b>

## EXISTING COMMUNITY CENTERS AND POOLS

Community Centers and Pool Facilities	Address	Zip Code	Agency Responsible
Kingwood Community Center Park	4102 Rustic Woods Drive	77018	HPARD
Kingwood Neighborhood Community Centers and Pools	Various locations	Various	HOAs/Neighborhood Associations

## PARK SERVICE AREAS

The Park Service Area 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 represents areas where there is not access to a park within a ½ mile. The degree of need (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 grey, to specifically highlight residential and commercial areas of need. Approximately 38% of the area in this Park Sector is in need of park land 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 6,790 acres of parkland (Harris County, HPARD and other providers) and 12 miles of HPARD trails. Of the 39,948 acres in this Park Sector, 17% of this acreage is parkland.
- There are over 70,000 residents. Over 77% of the population is Non-Hispanic White (higher than the City of Houston 26%).
- An additional 6.4 acres of park land are needed. 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 65,000 residents by 2040. To meet the park land needs for the estimated 2040 population an additional 67 acres of park land 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 standards used in the 2007 Master Parks 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	24	10	85	6	7	2	1	1	8	12	1	10	5	17
2015 Existing	24	10	85	4	4	2	1	1	8	12	1	10	5	17
2015 Needed	-	-	-	2	3	-	-	-	-	-	-	-	-	-
2040 Needed	4	1	-	5	7	-	-	-	-	-	-	-	-	-



## GUIDE FOR ESTIMATED COST OF NEW AMENITIES, PARK LAND, 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 park land 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 sqft 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 per resident 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	\$4,000,000	6.4 Acres- \$300,000	\$3,000,000	\$5,000,000
2040	\$12,000,000	67 Acres- \$3,000,000	\$12,000,000	\$4,000,000
TOTAL 2040	\$16,000,000	73 Acres- \$3,300,000	\$15,000,000	\$9,000,000



## PARK SECTOR 4 SUMMARY

### PARK SECTOR 4 PRIORITIES

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

### RECOMMENDATIONS

The parks in Park Sector 4 that have the highest need for redevelopment are listed from greatest need to least need: Trinity Gardens Park, Gleason Park, Greens Bayou Park, Jasper “Smokey” Frank Park, and Trotter (J.T.) Park.

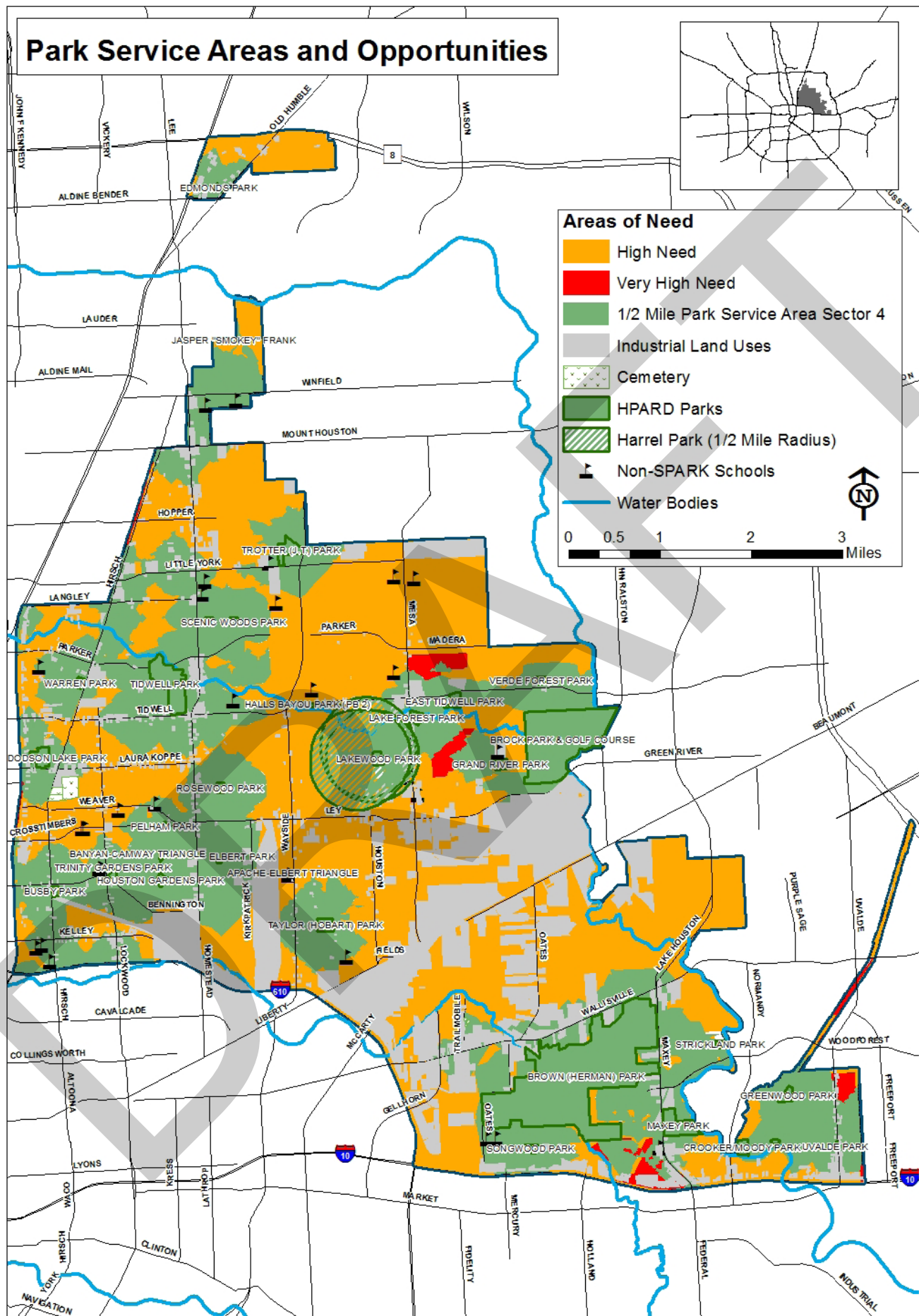
At the current population, there is sufficient parkland; however, there are gaps in service areas in many areas of the Park Sector. There are large tracts of undeveloped land as well as land classified as agricultural in this Park Sector.

Almost 67% of the population in this Park Sector have incomes considered to be low to moderate. Pursuing Community Development Block Grants (CDBG) for park improvements should be a priority. Schools not participating in the SPARK School Park Program (Non-SPARK schools) should be explored as potential future partnerships for park space. In addition, CDBG funding could be considered in partnership with the SPARK program to add park space to the system and provide improvements at Non-Spark Schools. As there is little redevelopment occurring in this sector, this Park Sector should be targeted for CIP and bond funds for future development and land acquisition.

Also, while many amenity needs are met based on the 2010 population, existing amenities should be updated as many are aged or in poor condition. This Park Sector is deficient in volleyball courts and skate parks. There are several parks in this Park Sector that remain undeveloped that could be developed with needed amenities. There are approximately 18 miles of trails planned for the bayous in this Park Sector under the Bayou Greenways 2020 (BG2020 Initiative) program. In the 2014 survey, the top three priorities of residents in Park Sector 4 when asked what recreational needs existed in their neighborhood were: upgraded community centers, hike, bike and walk trails, and gymnasiums. Other services and amenities that residents asked for in the write-in portion of the survey were: community gardens, senior facilities and programming, kayaking facilities, track and field programming, bike safety courses, swim lessons, fishing activities, nutrition and fitness programming, dance and theater programs, flag football leagues, and senior programming. Because of the health profile (obesity, 41.5%, and diabetes, 15.8%, levels higher than the city as a whole of 30.8% and 11.4% respectively) of this Park Sector, partnerships focused on recreational options and programming that promote healthy living should be explored.

**Sources:** 2010 US Census, 2010 Houston Health Survey, American Community Survey 2013, Houston Parks Board, HPARD 2014 Online Survey, Trust for Public Land ParkScore™ Project and Houston-Galveston Area Council population projections for 2040 by Park Sector.







## EXISTING HPARD PARKS

Facility Name	Address	Street	Total Acres	Trail Length
Pocket Parks				
Apache-Elbert Triangle	7000	Elbert	0.81	N/A
Banyan-Camway Triangle	7200	Camway/6900 Banyan	0.78	N/A
<b>Total Pocket Park Acreage</b>			<b>1.59</b>	
Neighborhood Parks				
Busby Park	6700	Hirsch	5.83	N/A
Crooker/Moody Park	400	Westmont/West Canal	11.00	N/A
Darien Park	7100	Darien	1.00	N/A
East Tidwell Park	9300	E. Tidwell	14.34	N/A
Edmonds Park	6400	Hamblen	2.90	N/A
Elbert Park	7400	Banyan	1.00	N/A
Gleason Park	7200	Gleason	3.44	N/A
Grand River Park	8400	Grand River	9.96	N/A
Greens Bayou Park	700	Westmont Dr	3.30	N/A
Greenwood Park	602	Beresford	10.30	N/A
Halls Bayou Park (PB2)	8000	Tidwell @ Halls Bayou	3.49	N/A
Houston Gardens Park	6901	Apache	7.88	0.39
Lake Forest Park	9200	Mesa Dr	9.32	0.43
Lakewood Park	8811	Feland	9.20	0.14
Pelham Park	7500	Fountaine	3.00	N/A
Rosewood Park	8200	Darien	5.72	0.36
Scenic Woods Park	7449	Lakewood	5.16	0.34
Songwood Park	548	Westshire	6.75	0.33
Strickland Park	300	Highridge/Tammarack	6.10	N/A
Trinity Gardens Park	4903	Bennington	5.10	N/A
Uvalde Park	1020	Uvalde	1.03	N/A
Verde Forest Park	8800	Brock Park Blvd.	5.00	0.20
Warren Park	4301	Topping	6.00	N/A
<b>Total HPARD Neighborhood Park Acreage</b>			<b>136.82</b>	
Community Parks				
Dodson Lake Park	9010	Dodson	24.45	0.50
Jasper "Smokey" Frank	13400	River Trail Drive	19.98	N/A
Maxey Park	601	Maxey Rd	41.16	N/A
Taylor (Hobart) Park	8100	Kenton	15.21	0.49
Tidwell Park	9720	Spaulding	85.23	0.30
Trotter (J.T.) Park	7809	East Little York	26.77	N/A
<b>Total HPARD Community Park Acreage</b>			<b>212.80</b>	
Regional Parks				
Brock Park and Golf Course	8201	John Ralston	354.85	0.17
Brown (Herman) Park	400	Mercury Drive	717.35	4.41



Urban Trails/Shared Use Paths/Greenways	
Halls Bayou	2.40
<b>Total HPARD Park Acreage</b>	<b>351.21</b>
<b>Total HPARD Trail Length</b>	<b>10.50</b>

## EXISTING COMMUNITY CENTERS AND POOLS

Community Centers and Pool Facilities	Address	Zip Code	Agency Responsible
Greenwood Park Pool	602 Beresford	77015	HPARD
Lakewood Community Center	8811 Feland	77028	HPARD
Taylor (Hobart) Community Center and Pool	8100 Kenton	77028	HPARD
Tidwell Community Center and Pool	9720 Spaulding	77016	HPARD

## 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 grey, to specifically highlight residential and commercial areas of need. Roughly 31% of the live/play areas in this Park Sector are not served by a park, significantly lower than that of the entire city (55%). 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 1,432 acres of parkland (Harris County, HPARD & other providers). Of the 26,888 acres in this Park Sector, 5% of this acreage is parkland.
- There are approximately 95,000 residents, 51% African-American and there is a high percentage of youth and seniors.
- Based on the standard of acreage of parkland per 1,000 residents, this Park Sector has sufficient parkland; however, as seen on the map there are gaps in park land in some areas.
- H-GAC population projections estimate that this area will add roughly 20,000 residents by 2040.



## 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 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	30	13	34	16	16	2	1	1	3	3	2	20	9	10
2015 Existing	30	13	34*	16	16	0	1	0	3	3	2	20	9	10
2015 Needed	-	-	-	-	-	2	-	1	-	-	-	-	-	-
2040 Needed	-	-	-	-	-	-	-	1	-	-	-	-	-	-

\* This number includes miles of trails currently planned along Greens Bayou (9 miles), Halls Bayou (5 miles) and Hunting Bayou (4 miles) under the Bayou Greenways (BG2020 Initiative).

## GUIDE FOR ESTIMATED COST OF NEW AMENITIES, PARK LAND, 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 park land 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 sqft 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 per resident 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	\$5,000,000	0 Acres \$0	\$30,000,000	\$6,000,000
2040	\$9,000,000	0 Acres \$0	\$64,000,000	\$1,000,000
TOTAL 2040	\$14,000,000	0 Acres \$0	\$94,000,000	\$7,000,000



# PARK SECTOR 5 SUMMARY

## PARK SECTOR 5 PRIORITIES

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

## RECOMMENDATIONS

The parks in Park Sector 5 that have the highest need for redevelopment are listed from greatest need to least need: Hartman Park, Samuel Spaceway, and White (J.P.) Park.

At the current population, there is sufficient parkland; however, there are gaps in service areas in many areas of the Park Sector. As there is little redevelopment occurring in this sector, this Park Sector should be targeted for CIP and bond funds for future development and land acquisition. In addition, almost 68% of the population in this Park Sector has incomes considered to be low to moderate. Pursuing Community Development Block Grants (CDBG) for park improvements should be a priority.

A trail along Hunting Bayou is planned under the Bayou Greenways 2020 (BG2020 Initiative) program and will pass close to a residential area south of IH-10 and connect with the trails in Herman Brown Park north of this Park Sector. This Park Sector is deficient in dog parks, spraygrounds, and softball and soccer fields. There is potentially enough space at Clinton Park to allow for the development of fields within this park. However, because of the air quality conditions in the area, indoor recreational opportunities may be more adequate.

In the 2014 survey, the top five priorities of residents in Park Sector 5 when asked what recreational needs existed in their neighborhood were: hike, bike, and walk trails, upgraded community center, playground areas, indoor basketball courts, and an amphitheater/performing arts space. Other services and amenities that residents asked for in the write-in portion of the survey were: performing and visual arts programming, fitness and nutrition programs, arts and crafts programs, senior programming, swim lessons, and teen and youth enrichment programs. The Houston Health survey revealed that 13.3% of the population received a diagnosis of diabetes by a professional (City of Houston level was 11.4%). Based on this health profile partnerships focused on recreational options and programming that promote healthy living should be explored.

**Sources:** 2010 Census, 2010 Houston Health 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
Pocket Parks				
Samuel Spaceway	12936	Samuel Ln	0.55	N/A
<b>Total Pocket Park Acreage</b>			<b>0.55</b>	
Neighborhood Parks				
Hartman Park	9311	E. Avenue P	6.20	0.62
White (J.P.) Park	12501	Market St	2.70	N/A
<b>Total HPARD Neighborhood Park Acreage</b>			<b>8.90</b>	
Community Parks				
Clinton Park	200	Mississippi	35.20	0.42
<b>Total HPARD Community Park Acreage</b>			<b>35.20</b>	
<b>Total HPARD Park Acreage</b>			<b>44.65</b>	
<b>Total HPARD Trail Length</b>				<b>1.04</b>

## EXISTING COMMUNITY CENTERS AND POOLS

Community Centers and Pool Facilities	Address	Zip Code	Agency Responsible
Clinton Community Center and Pool	200 Mississippi	77029	HPARD
Hartman Community Center	9311 E. Avenue P	77012	HPARD

## 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 represent areas where there is not access to a park within a ½ mile. The degree of need (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 grey, to specifically highlight residential and commercial areas of need. Roughly 22% residential and commercial areas do not have park land accessible within a ½ mile, as compared to the 55% of the population of the City of Houston. 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 52 acres of parkland (Harris County, HPARD & other providers). Of the 7,828 acres in this Park Sector, 1% of this acreage is parkland.
- There are approximately 8,500 residents, 74% are Latino and there are a high percentage of youths.
- Based on the standard of park acreage of park land per 1,000 residents, there is no need for additional acres of park land in Park Sector 5; however, as seen on the map there are some areas not served by parks.
- H-GAC population projections estimate that this area will add over 1,500 residents by 2040.

## 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 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	8	3	5	3	4	1	1	1	2	1	1	2	1	1
2015 Existing	8	3	5*	3	4	1	0	1	2	1	0	2	0	0
2015 Needed	-	-	-	-	-	-	1	-	-	-	1	-	1	1
2040 Needed	-	-	-	-	-	-	-	-	-	-	-	-	-	-

\* This number includes miles of trails currently planned along Hunting Bayou from I-10 to Federal Road under the Bayou Greenways (BG2020 Initiative).



## GUIDE FOR ESTIMATED COST OF NEW AMENITIES, PARK LAND, 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 park land 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 sqft 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 per resident 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	\$3,000,000	0 Acres- \$0	\$8,000,000	\$500,000
2040	\$600,000	0 Acres- \$0	\$18,000,000	\$100,000
TOTAL 2040	\$3,600,000	0 Acres- \$0	\$26,000,000	\$600,000



# PARK SECTOR 6 SUMMARY

## PARK SECTOR 6 PRIORITIES

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

## RECOMMENDATIONS

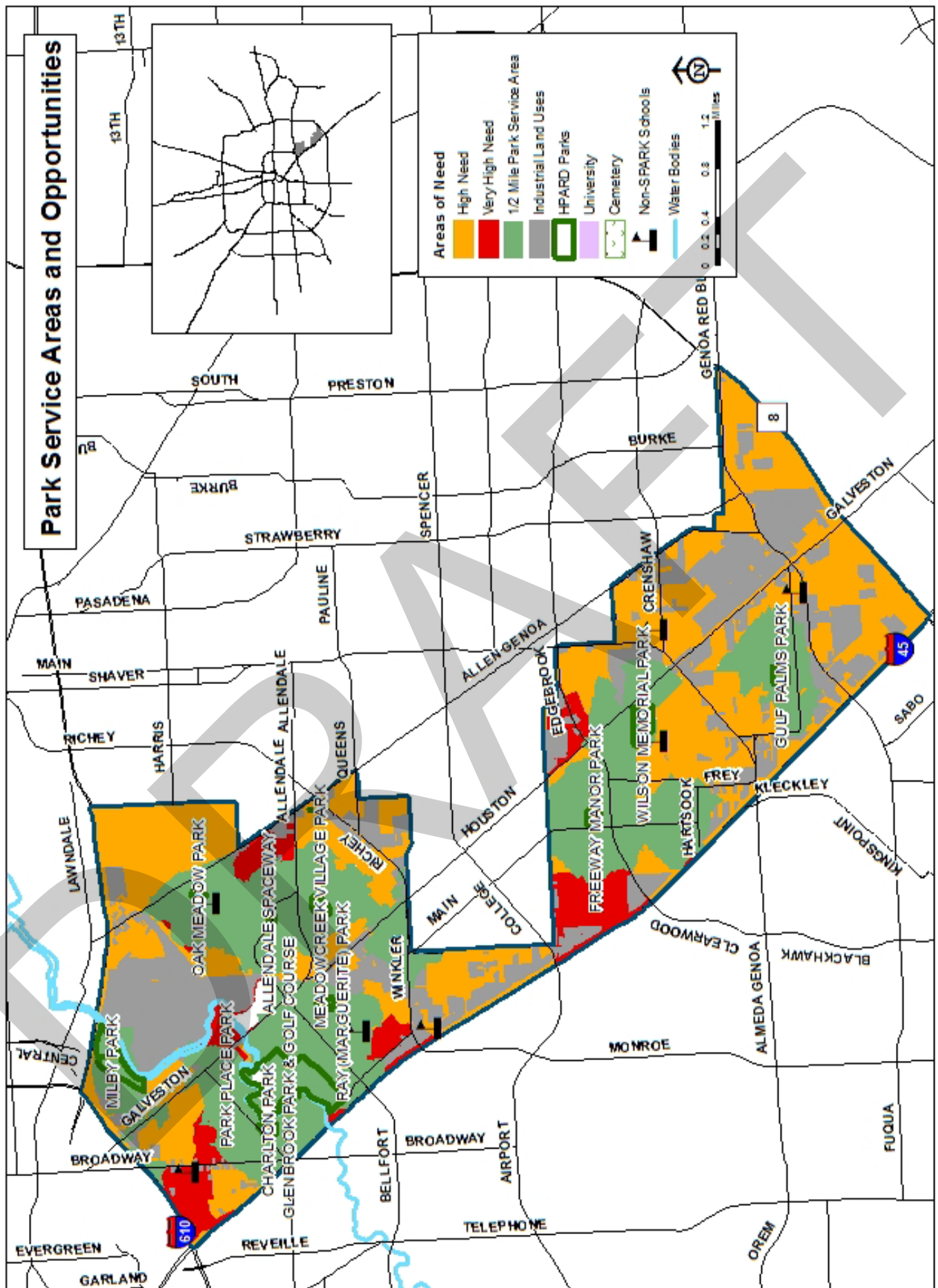
The parks in Park Sector 6 that have the highest need for redevelopment are from greatest to least: Gulf Palm Park, Park Place Park, and Ray (Marguerite) Park.

In this Park Sector 13.5 acres of parkland are needed. The areas with the most need in this Park Sector are those closest to I-610 and I-45 and in the southern area by Beltway 8. Schools not participating in the SPARK School Park Program (Non-SPARK schools) should be explored as potential future partnerships for park space. Additionally, almost 60% of the population in this Park Sector has incomes considered to be low to moderate. Pursuing Community Development Block Grants (CDBG) for park improvements should be a priority. In addition, CDBG funding could be considered in partnership with the SPARK program to add park space to the system and provide improvements at non-SPARK schools. As there is little redevelopment occurring in this sector, this Park Sector should be targeted for CIP and bond funds for future development and land acquisition. This Park Sector is deficient in playgrounds, picnic shelters, trails, dog parks, skate parks, and spraygrounds.

A trail along Sims Bayou west I-45 South is planned to be almost 14 miles long. Additional north-south connections need to be explored in this Park Sector. In the 2014 survey, the top three priorities of residents in Park Sector 6 when asked what recreational needs existed in their neighborhood were: upgraded community centers, hike, bike and walk trails, and playground areas. In the write-in portion of the survey residents also asked for senior programming, fitness classes, swim lessons and arts and crafts programs, adult tennis programs, and dance and theater programs. The Houston Health survey revealed that 40.3% of the population is obese in this Park Sector (the City of Houston level is 30.8%). Based on this health profile, partnerships focused on increasing physical activity levels and programming that promote healthy living should be explored.

**Sources:** 2010 Census, 2010 Houston Health Survey, American Community Survey 2013, Houston Parks Board, HPARD 2014 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
Pocket Parks				
Park Place Park	8600	Detroit	0.89	N/A
<b>Total Pocket Park Acreage</b>			<b>0.89</b>	
Neighborhood Parks				
Allendale Spaceway	9300	Howard	1.33	N/A
Charlton Park	8200	Park Place	8.70	N/A
Freeway Manor Park	2241	Bronson/2300 Theta	9.76	0.47
Gulf Palms Park	11901	Palm Springs	9.00	0.41
Meadowcreek Village Park	5333	Berry Creek	10.06	N/A
Oak Meadow Park	500	Ahrens	5.13	0.25
Ray (Marguerite) Park	8401	Elrod	4.85	N/A
<b>Total HPARD Neighborhood Park Acreage</b>			<b>48.83</b>	
Community Parks				
Glenbrook Park and Golf Course	8201	North Bayou Drive	135.00	0.51
Milby Park	2001	Central	65.88	N/A
Wilson Memorial Park	100	Gilpin	29.00	0.28
<b>Total HPARD Community Park Acreage</b>			<b>229.88</b>	
<b>Total HPARD Park Acreage</b>			<b>279.70</b>	
<b>Total HPARD Trail Length</b>				<b>1.90</b>

## EXISTING COMMUNITY CENTERS AND POOLS

Community Centers and Pool Facilities	Address	Zip Code	Agency Responsible
Charlton Community Center	8200 Park Place	77017	HPARD
Glenbrook Park Pool	8201 North Bayou Drive	77017	HPARD
Meadowcreek Village Community Center	5333 Berry Creek	77017	HPARD
Wilson Memorial Park Pool	100 Gilpin	77034	HPARD

## 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 grey, to specifically highlight residential and commercial areas of need. Approximately 45% of the area in this Park Sector is in need of park land accessible within a ½ mile, which is lower than the City of Houston as a whole of (55%). 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 280 acres of parkland (Harris County, HPARD & other providers). Of the 9,489 acres in this Park Sector, 3% of this acreage is parkland.
- There are approximately 62,000 residents; almost 80% are Hispanic (higher than City of Houston's percentage of 43.8%)
- An additional 13.5 acres of park land are needed in Park Sector 6. The map above shows high need in the northwest portion of the sector close to I-610 and I-45 and in the southern area close to Beltway 8. 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 7,000 residents by 2040. To meet the park land needs for the estimated 2040 population an additional 8 acres of park land 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 standards used in the 2007 Master Parks 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	16	6	13	6	14	2	1	1	2	2	1	3	4	8
2015 Existing	14	5	5*	6	14	2	0	0	2	2	0	3	4	8
2015 Needed	2	1	8	-	-	-	1	1	-	-	1	-	-	-
2040 Needed	2	1	3	-	-	-	-	-	-	-	-	-	-	-

\* This number includes 2.5 miles of trails currently planned along Sims Bayou from SH225 to I-45 South under the Bayou Greenways, BG2020



## GUIDE FOR ESTIMATED COST OF NEW AMENITIES, PARK LAND, 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 park land 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 sqft 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 per resident 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	\$13,000,000	13 Acres- \$1,000,000	\$14,000,000	\$4,000,000
2040	\$2,000,000	8 Acres- \$1,000,000	\$32,000,000	\$400,000
TOTAL 2040	\$15,000,000	21 Acres- \$2,000,000	\$46,000,000	\$4,400,000



# PARK SECTOR 7 SUMMARY

## PARK SECTOR 7 PRIORITIES

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

## RECOMMENDATIONS

The parks in Park Sector 7 that have the highest need for redevelopment are listed from greatest need to least need: Andover Park, Golfview Park, Bricker Park, Cullinan JS and LH, Sims Bayou Park, and Jenkins (Margaret) Park (formerly Scottcrest Park).

In this Park Sector 45 acres of parkland are needed. Schools not participating in the SPARK School Park Program (Non-SPARK schools) should be explored as potential future partnerships for park space. Almost 63% of the population in this Park Sector has incomes considered to be low to moderate and pursuing Community Development Block Grants (CDBG) for park improvements should be a priority. In addition, since several non-SPARK schools are located in very high park need areas, CDBG funding could be considered in partnership with the SPARK Park program to add park space to the system and provide improvements at non-SPARK school locations. The areas of highest need are in the northwest and central portions of the Park Sector. As there is little redevelopment occurring in this sector, this Park Sector should be targeted for CIP and bond funds for future development and land acquisition. There is a utility corridor in the southern portion of the sector that almost connects Sims Bayou and Clear Creek, opportunities to develop a north-south trail should be explored.

This Park Sector is deficient in playgrounds, picnic shelters, trails, volleyball courts, dog parks, skate parks, community centers, swimming pools, outdoor spraygrounds, and softball and soccer fields. The trail system will provide access to the residents of this Park Sector to a total of 14 miles of trails along Sims Bayou and over 6 miles along Clear Creek.

In the 2014 survey, the top three priorities of residents in Park Sector 7 when asked what recreational needs existed in their neighborhood were: hike, bike and walk trails, upgraded community centers, and playground areas. Other services and amenities that residents asked for in the write-in portion of the survey were: fitness and nutrition programming, swim lessons, dance, theater and arts programs, and community gardens. The Houston Health survey revealed that 12.5% of the population received a diagnosis of diabetes by a professional (City of Houston level was 11.4%). Based on this health profile partnerships focused on recreational options and programming that promote healthy living should be explored.

**Sources:** 2010 Census, 2010 Houston Health 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
Pocket Parks				
Golfview Park	6201	Cherryhill	0.76	N/A
Pershing Park	5500	Pershing/St. Lo Road	0.40	N/A
Sharp (Jerry) Park	3234	Chaffin	0.50	N/A
<b>Total Pocket Park Acreage</b>			<b>1.66</b>	
Neighborhood Parks				
Andover Park	6301	Nunn	4.85	N/A
Bricker Park	4548	Bricker	2.17	N/A
Carter Park	7000	Santa Fe	2.00	0.08
Cloverland Park	11800	Scott	12.04	0.25
Crestmont Park	5200	Selinsky Rd.	6.74	0.25
Dow Park	7942	Rockhill	14.04	0.58
Edgewood Park	5803	Belfort	10.97	0.50
Garden Villas Park	6720	South Haywood	11.55	0.49
Grimes Park (Lease)	5150	Reed Rd.	9.72	N/A
Hill (E.P.) Park	4800	Gloryland	7.32	0.39
King Estates Park	4801	East Orem	2.56	N/A
Kingspoint Park	9100	Kingspoint Road	10.00	N/A
Sims Bayou Park	9500	ML King Blvd	9.96	2.50
Southcrest Park	5842	Southmund	6.21	0.29
St. Lo Park	7335	St. Lo Rd.	1.20	0.18
Stewart Park	6700	Reed Road	4.71	0.30
Sunflower Park (PB 2)	5000	Sunflower Street	1.50	0.16
<b>Total Neighborhood Park Acreage</b>			<b>117.54</b>	
Community Parks				
Beverly Hills Park	10201	Kingspoint	21.67	0.53
Blackhawk Park	9401	Fuqua	76.81	N/A
Cullinan JS and LH	6700	Long Dr.	44.00	1.06
Jenkins (Margaret) Park (formerly Scottcrest Park)	10700	Rosehaven	19.00	0.51
Jones (Walter) Park	8000	Coastway Lane	21.50	N/A
Reveille Park	7700	Oak Vista	20.04	0.32
Schnur Park	12227	Cullen Blvd.	39.00	0.50
Stuart (Robert C. Park)	7250	Belfort	27.14	0.75
<b>Total Neighborhood Park Acreage</b>			<b>269.16</b>	
Regional Parks				
Law Park	6200	Scarlet/6100 Vassar	313.57	0.41
Sunnyside Park	3502	Belfort	206.01	0.48
<b>Total Regional Park Acreage</b>			<b>519.58</b>	
<b>Total HPARD Park Acreage</b>			<b>907.94</b>	
<b>Total HPARD Trail Length</b>				<b>10.61</b>



## EXISTING COMMUNITY CENTERS AND POOLS

Community Centers and Pool Facilities	Address	Zip Code	Agency Responsible
Bessie Swindle Community Center and Cloverland Park Pool	11800 Scott	77047	HPARD
Beverly Hills Community Center and Pool	10201 Kingspoint	77075	HPARD
Crestmont Community Center	5200 Selinsky Road	77048	HPARD
Edgewood Community Center	5803 Bellfort	77033	HPARD
Garden Villas Community Center	6720 South Haywood	77061	HPARD
Reveille Park Pool	7700 Oak Vista	77087	HPARD
Sunnyside Community Center and Pool	3502 Bellfort	77051	HPARD

## 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 grey, to specifically highlight residential and commercial areas of need. Approximately 41% of the area in this Park Sector is in need of park land accessible within a ½ mile, as compared to the rest of the City of Houston (55%). 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 approximately 1,315 acres of parkland (Harris County, HPARD & other providers). Of the 34,300 acres in this Park Sector, 3% of this acreage is parkland.
- There are approximately 165,000 residents, 46% are Hispanic and 43% are African-American.
- An additional 45 acres of park land are needed in Park Sector 7. 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).
- Trust for Public Land ParkScore shows high need in the northwest and central portions of the Park Sector.
- H-GAC population projections estimate that this area will add over 30,000 residents by 2040. To meet the estimated 2040 population an additional 33 acres of park land 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 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	41	16	33	21	22	3	2	2	6	4	2	24	5	16
2015 Existing	34	15	29*	21	22	1	0	0	6	4	1	24	3	14
2015 Needed	7	1	4	-	-	2	2	2	-	-	1	-	2	2
2040 Needed	8	4	6	-	-	1	-	-	-	-	-	-	2	4

\* This number includes miles of trails currently planned along Sims Bayou (7 miles) and Clear Creek Bayou (6 miles) under the Bayou Greenways (BG2020 Initiative).

### GUIDE FOR ESTIMATED COST OF NEW AMENITIES, PARK LAND, 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 park land 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 sqft 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	\$26,000,000	45 Acres- \$3,000,000	\$36,000,000	\$10,000,000
2040	\$13,000,000	33 Acres- \$30,000,000	\$84,000,000	\$2,000,000
TOTAL 2040	\$39,000,000	78 Acres- \$46,000,000	\$120,000,000	\$12,000,000



# PARK SECTOR 8 SUMMARY

## PARK SECTOR 8 PRIORITIES

These priorities were developed by using condition assessment information from site visits, standard-based needs analysis (NRPA standards and TPL ParkScore), 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 park land
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 8 that have the highest need for redevelopment are listed from greatest need to least need: Hager (Lee) Park, Cambridge Village Park, Minchen (Simon) Park, Maxie (Beulah) Park, and Brentwood Park.

In this Park Sector 155 acres of parkland are needed. This Park Sector is the most populous of any throughout the city and has many areas of high need in the southeast. Schools not participating in the SPARK School Park Program (Non-SPARK schools) should be explored as potential future partnerships for park space. Fifty-seven (57%) of the population in this Park Sector has incomes considered to be low to moderate. Pursuing Community Development Block Grants (CDBG) for park improvements should be a priority. In addition, since several non-SPARK schools are located in high and very high park need areas, Community Development Block Grant funding could be considered in partnership with the SPARK Park program to add park space to the system and provide improvements at non-SPARK school locations. As there is little redevelopment occurring in this Park Sector, it should be targeted for CIP and bond funds for future development and land acquisition. There are large undeveloped tracts of land close to US-288 that should be explored for land acquisition. Furthermore, properties in the Gulfton area in the northwest part of the Park Sector should be explored as this is an area of need and very high density with lots of multi-family developments. There is a utility corridor along Hiram Clarke that connects into Park Sectors 13 and 14. Creating a trail along this utility corridor could greatly enhance north-south connectivity within this Park Sector and within the near-west sectors of the City and the existing Brays Bayou trail as well as the future Keegans Bayou trail. The Management and Improvement Districts and residents in the area have expressed interest in off-street neighborhood connections to the trail via utility easements and Harris Flood Control District channels and are potential projects for future planning, implementation and maintenance.

This Park Sector is deficient in playgrounds, picnic shelters, trails, volleyball courts, dog parks, skate parks, community centers, swimming pools, and softball and soccer fields. In the 2014 survey, the top three priorities of residents in Park Sector 8 when asked what recreational needs existed in their neighborhood were: hike, bike and walk trails, open space and natural areas, and upgraded recreation centers. Other services and amenities that residents asked for in the write-in portion of the survey were: fitness and nutrition programs, arts and crafts programs, senior programming, swim lessons, fishing activities, dance and theater programs, youth nature programs, adult volleyball, yoga and tai chi classes, and golf programming. Because of the health profile (obesity, 31.9%, and diabetes, 14.5%, levels higher than the city as a whole of 30.8% and 11.4% respectively) of this Park Sector, partnerships focused on increasing physical activity levels and programming for healthy living should be explored.

**Sources:** 2010 Census, 2010 Houston Health 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
Pocket Parks				
Post Oak Village Park	13800	Lockway Dr	0.43	N/A
Sharpstown Green Park	6300	Sharpview	0.25	0.09
<b>Total Pocket Park Acreage</b>			<b>0.68</b>	
Neighborhood Parks				
Almeda Park	14201	Almeda School Rd	1.00	N/A
Bonham Park	8401	Braes Acres	8.57	0.35
Braeburn Glen Park/Lee LeClear Tennis Ctr.	9510	S Gessner	12.90	0.25
Brentwood Park	13220	Landmark	7.90	0.33
Canterbury Village Park	12822	Northumb	4.40	0.33
Chimney Rock Park	11655	Chimney Rock	1.59	N/A
Glenshire Park	12100	Riceville School Rd	12.91	0.41
Godwin Park	5101	Rutherglen	8.17	0.42
Hager (Lee) Park (% Lease)	12100	Landsdowne	9.72	0.51
Maxie (Beulah) Park	2625	Monticello	1.10	N/A
Mayfair Park	6000	Arthington	1.00	N/A
Meyerland Park	5151	Jason	6.77	N/A
Minchen ( Simon ) Park	4900	W Fuqua	3.30	N/A
Reeves (Gail) Park	8800	Mullins	8.03	0.35
South Main Estates Park	12256	Zavalla Rd	4.93	0.32
Westbury Park	5635	Willowbend	5.94	N/A
Westwood Park	4045	Lemac	5.88	0.38
Whiting Tract (PB 4)	8200	Williamcrest Lane	2.50	N/A
Wildheather Park	14900	Whiteheather	12.15	N/A
Willow Park (Lease)	10400	Cliftwood	7.63	0.25
Windsor Village Park	1441	Croquet	8.99	0.31
<b>Total Neighborhood Park Acreage</b>			<b>135.38</b>	
Community Parks				
Blueridge Park	5600	Court Rd	45.15	0.62
Burnett Bayland Park	6000	Chimney Rock	31.98	0.96
Cambridge Village Park	13000	Nitida	81.78	0.50
Haviland Park	11600	Haviland	17.79	0.28
Marian Park	11000	South Gessner	27.48	0.25
Taylor (E.R. and Ann) Park	1850	Reed Road	25.71	N/A
Townwood Park	3403	Simsbrook	26.81	0.39
Willow Waterhole Greenway Park	5300	Gasmer	60.00	1.17
<b>Total Neighborhood Park Acreage</b>			<b>316.70</b>	
Linear/Greenway/Regional Parks				
Braeswood Parkway		Holcombe/South Gessner	175.43	
<b>Total Regional Park Acreage</b>			<b>175.43</b>	
<b>Total HPARD Park Acreage</b>			<b>452.76</b>	
<b>Total HPARD Trail Length</b>			<b>8.30</b>	



## EXISTING COMMUNITY CENTERS AND POOLS

Community Centers and Pool Facilities	Address	Zip Code	Agency Responsible
Alameda Community Center	14201 Alameda School Road	77047	HPARD
Burnett Bayland Community Center	6000 Chimney Rock	77081	HPARD
Godwin Community Center	5101 Rutherglen	77096	HPARD
Marian Community Center	11000 South Gessner	77071	HPARD
Platou Community Center	11655 Chimney Rock	77035	HPARD
Townwood Community Center and Pool	3403 Simsbrook	77045	HPARD
Westbury Park Pool	5635 Willowbend	77096	HPARD
Windsor Village Community Center and Pool	1441 Croquet	77085	HPARD

## 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 grey, to specifically highlight residential and commercial areas of need. Approximately 54% of the area in this Park Sector is in need of park land accessible within a ½ mile, as compared to 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 1,513 acres of parkland (Harris County, HPARD & other providers). Of the 39,530 acres in this Park Sector, 4% of this acreage is parkland.
- There are almost 295,000 residents living in this Park Sector; this is most populated Park Sector with almost 14% of the population of the city. There is a high percentage of elderly & youth.
- An additional 155 acres of park land (Neighborhood parks) are needed in Park Sector 8. 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).
- The Health of Houston 2010 Survey shows that 14.5% of the population has been diagnosed with diabetes, compared to 11.4% for the City of Houston as a whole of.
- H-GAC population projections estimate that this area will add over 120,000 residents by 2040. To meet the estimated 2040 population an additional 297 acres of park land 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 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	73	29	58	30	52	6	3	3	10	6	4	29	10	29
2015 Existing	44	23	29*	30	52	2	0	0	8	3	4	29	2	25
2015 Needed	29	6	29	-	-	4	3	3	2	3	-	-	8	4
2040 Needed	31	12	24	-	-	2	2	-	4	2	-	-	4	12

\* This number includes 2.5 miles of trails currently planned along Sims Bayou from SH225 to I-45 South under the Bayou Greenways, BG2020

### GUIDE FOR ESTIMATED COST OF NEW AMENITIES, PARK LAND, 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 park land 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 sqft 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	\$87,000,000	155 Acres- \$16,000,000	\$41,000,000	\$18,000,000
2040	\$77,000,000	297 Acres- \$30,000,000	\$130,000,000	\$8,000,000
TOTAL 2040	\$164,000,000	452 Acres- \$46,000,000	\$171,000,000	\$26,000,000



# PARK SECTOR 9 SUMMARY

## PARK SECTOR 9 PRIORITIES

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

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

## RECOMMENDATIONS

The parks in Park Sector 9 that have the highest need for redevelopment are listed from greatest need to least need: Forum Park, Lansdale Park, Crain (E.L.) Park, and Sharpstown Park and Golf Course.

In this Park Sector 221 acres of parkland are needed. This Park Sector is the second most dense in the city and has many areas of high and very high need. Schools not participating in the SPARK School Park Program (Non-SPARK schools) should be explored as potential future partnerships for park space. Portions of this Park Sector are served by four Tax Increment Reinvestment Zones (TIRZs) and eight Management Districts, which could be pursued as partners to help meet the need for acquisition and maintenance of parks for the community. The Management and Improvement Districts and residents in the area have expressed interest in additional park land as well as off-street neighborhood connections to existing trails and parks.

Development is expected in the areas north of the West Park Tollway and closest to I-610.

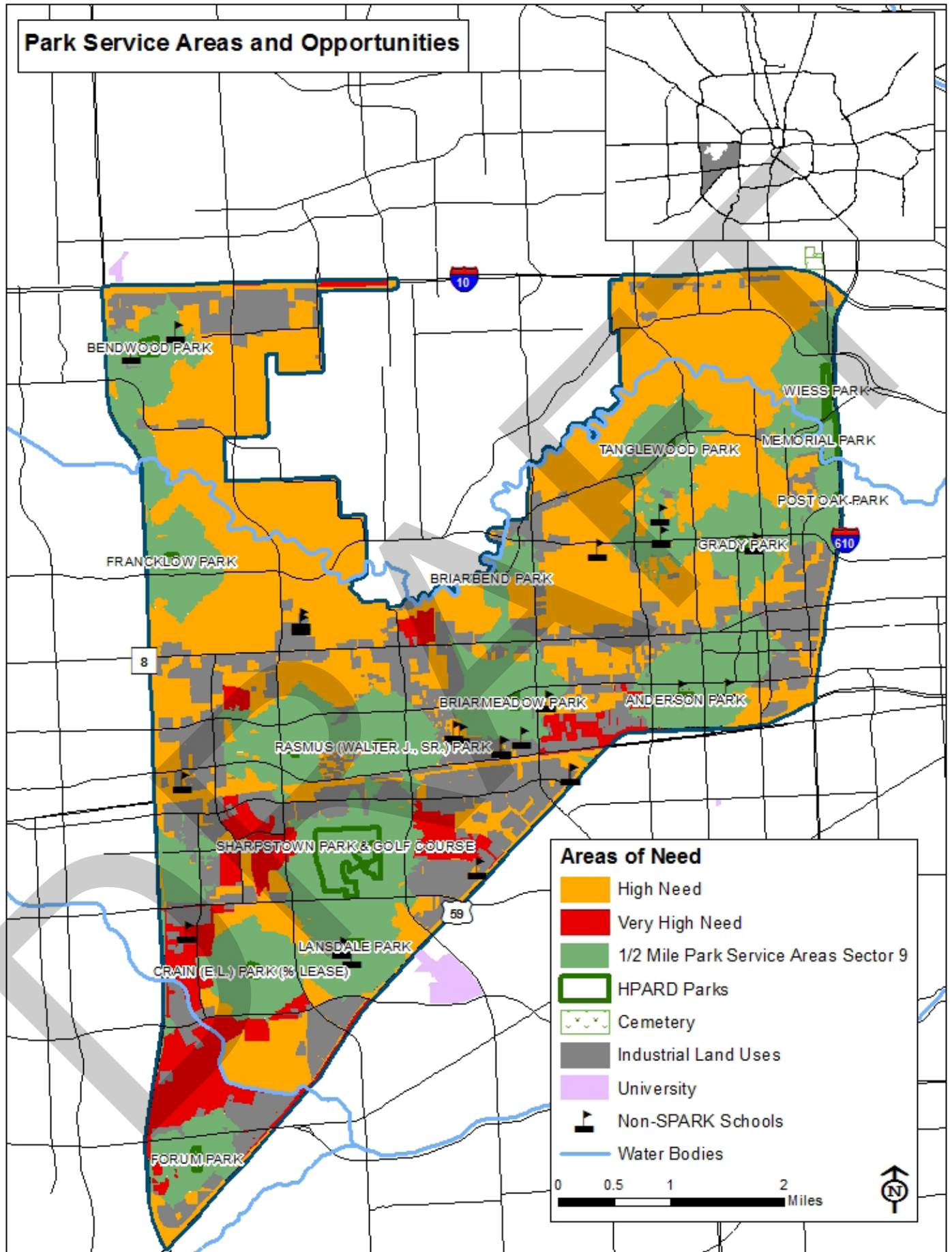
This Park Sector is deficient in playgrounds, picnic shelters, trails, outdoor basketball courts, tennis courts, volleyball courts, dog parks, skate parks, community centers, swimming pools, spraygrounds and softball and soccer fields. The portion of Buffalo Bayou that runs through this Park Sector is not included in the BG2020 trail development program. Trail development along Buffalo Bayou should be pursued to connect the gap in the trail system along this bayou. The 2 mile gap in the trail along Brays Bayou is included in the Bayou Greenways 2020 (BG2020 Initiative) program; however, emphasis should be placed on making connections into the neighborhoods adjacent to the bayou.

In the 2014 survey, the top three priorities of residents in Park Sector 9 when asked what recreational needs existed in their neighborhood were: hike, bike and walk trails, open space and natural areas, and playground areas. Other services and amenities that residents asked for in the write-in portion of the survey were: fitness programs, adult tennis, senior programming, swim lessons, outdoor environmental education and camping, community gardens, and adult rugby and lacrosse facilities

**Sources:** 2010 Census, 2010 Houston Health 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



## Park Service Areas and Opportunities





## EXISTING HPARD PARKS

Facility Name	Address	Street	Total Acres	Trail Length
Pocket Parks				
Post Oak Park	744	Post Oak/West Loop	0.90	N/A
<b>Total Pocket Park Acreage</b>			<b>0.90</b>	
Neighborhood Parks				
Anderson Park	5701	Beverly Hills	7.10	N/A
Bendwood Park	12700	Kimberly	13.54	0.49
Briarbend Park	7926	Woodway	1.27	0.20
Briar Meadow Park	7703	Richmond	4.61	0.28
Crain (E.L.) Park (% Lease)	9051	Triola	6.04	0.50
Forum Park	9900	Block of Sugar Branch	6.63	0.49
Francklow Park	1300	Seagler Rd	7.60	0.50
Grady Park	1700	Yorktown	4.73	0.20
Lansdale Park	8201	Roos	8.40	0.33
Rasmus (Walter J., Sr.) Park	3721	Jeanetta	8.70	N/A
Tanglewilde Park	9631	Windswept	2.51	0.16
Tanglewood Park	5801	Woodway	4.60	0.20
Wiess Park	100	N Post Oak Lane	8.84	0.70
<b>Total Neighborhood Park Acreage</b>			<b>84.57</b>	
Community Parks				
Sharpstown Park and Golf Course	6600	Harbor Town	149.27	N/A
<b>Total Neighborhood Park Acreage</b>			<b>149.27</b>	
Regional Parks				
Memorial Park	6501	Memorial Drive	42.01	
<b>Total Regional Park Acreage</b>			<b>42.01</b>	
<b>Total HPARD Park Acreage</b>			<b>276.75</b>	
<b>Total HPARD Trail Length</b>				<b>4.58</b>

## EXISTING COMMUNITY CENTERS AND POOLS

Community Centers and Pool Facilities	Address	Zip Code	Agency Responsible
Lansdale Community Center	8201 Roos	77036	HPARD
Sharpstown Community Center and Pool	6501 Memorial Drive	77036	HPARD

## 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 grey, to specifically highlight residential and commercial areas of need. Approximately 50% of the area in this Park Sector is in need of park land accessible within a ½ mile, as compared to the rest of the City of Houston (55%). 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 287 acres of parkland (Harris County, HPARD & other providers). Of the 17,547 acres in this Park Sector, 2% of this acreage is parkland.
- There are approximately 203,000 residents, or almost 10% of the City of Houston population. This is also the second most dense Park Sector in the city with over 7,200 people per square mile. This Park Sector has the fourth highest Asian-American population in the city.
- The Health of Houston 2010 Survey shows that both obesity and diabetes diagnosis are lower than for the city as a whole of.
- An additional 221 acres of park land (Neighborhood and Community parks) are needed in Park Sector 9. 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 130,000 residents by 2040. To meet the park land needs for the estimated 2040 population an additional 377 acres of park land 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 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)
Goal	51	20	41	17	20	4	2	2	7	4	2	8	7	20
Existing	26	10	8*	9	13	0	1	0	2	1	1	8	0	3
2015 Needed	25	10	33	8	7	4	1	2	5	3	1**	-	7	17
2040 Needed	33	14	23	11	14	3	1	-	4	3	1	2	4	14

\* This number includes 2 miles of trail currently planned along Brays Bayou under the Bayou Greenways Initiative, BG2020.

\*\*This number includes 1 sprayground at Lansdale Park that is currently under construction in 2015.



## GUIDE FOR ESTIMATED COST OF NEW AMENITIES, PARK LAND, 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 park land 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 sqft 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 per resident 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	\$118,000,000	221 Acres- \$173,000,000	\$14,000,000	\$13,000,000
2040	\$107,000,000	377 Acres- \$295,000,000	\$96,000,000	\$8,000,000
TOTAL 2040	\$225,000,000	598 Acres- \$468,000,000	\$110,000,000	\$21,000,000



# PARK SECTOR 10 SUMMARY

## PARK SECTOR 10 PRIORITIES

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

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

## RECOMMENDATIONS

The parks in Park Sector 10 that have the highest need for redevelopment are Nacol Park and Freshmeadow Park.

In this Park Sector 142 acres of parkland are needed. There are high and very high need in the areas south of Clay and in the central portion of the Park Sector. Schools not participating in the SPARK School Park Program (Non-SPARK schools) should be explored as potential future partnerships for park space. According to the 2000 Census income data from the City of Houston (COH) Housing and Community Development, almost 59% of the population in this Park Sector has incomes considered to be low to moderate. Pursuing Community Development Block Grants (CDBG) for park improvements should be a priority. In addition, CDBG funding could be considered in partnership with the SPARK program to add park space to the system and provide improvements at non-SPARK schools. A portion of the Memorial City Tax Increment Reinvestment Zone (TIRZ) is located in the boundary of this Park Sector along I-10 and BW-8 and is a potential partner for park land acquisition in this area.

This Park Sector is deficient in picnic shelters, trails, tennis courts, volleyball courts, dog parks, skate parks, community centers, swimming pools, spraygrounds and softball and soccer fields. There are no bayous in this Park Sector; however, there are some short east-west utility corridors close to 3rd street that could present an opportunity for the development of recreational trails.

In the 2014 survey, the top three priorities of residents in Park Sector 10 when asked what recreational needs existed in their neighborhood were: hike, bike and walk trails, open space and natural areas, and dog parks. Other services and amenities that residents asked for in the write-in portion of the survey were: fitness programs, youth nature programs, outdoor environmental education and camping, arts and crafts programs, archery programs, swim lessons, senior programming, and community gardens. According to the 2010 Houston Health Survey, almost 32% of the population is obese compared to 30.1% for the COH. This findings need to be further explored and considered as an opportunity to provide facilities, programs and services in the future and establish key partnerships.

**Sources:** 2010 Census, 2010 Houston Health 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
Pocket Parks				
Antoine Future Park Site	1125	Antoine Dr.	0.37	N/A
Campbell Woods Park	2315	Crestdale	0.93	N/A
<b>Total Pocket Park Acreage</b>			<b>1.30</b>	
Neighborhood Parks				
Freed Park	6818	Shady Villa Ln	15.06	0.35
Freshmeadow Park	4500	Campbell Rd	9.01	0.38
Haden Park	1404	Witte Rd	11.89	0.32
Johnson (R.L. and Cora) (formerly Carverdale) Park	9801	Tanner	10.58	0.25
Langwood Park	3975	Bolin	10.40	0.44
Lee (James W.) Park	9025	Pitner	5.89	0.26
Nacol Park	4418	Bingle	1.50	N/A
Schwartz Park	8203	Vogue	14.10	0.48
<b>Total Neighborhood Park Acreage</b>			<b>78.43</b>	
Regional Parks				
Moffitt (Agnes) Park	10645	Hammerly	39.90	
<b>Total Regional Park Acreage</b>			<b>39.90</b>	
<b>Total HPARD Park Acreage</b>			<b>119.63</b>	
<b>Total HPARD Trail Length</b>				<b>2.50</b>

## EXISTING COMMUNITY CENTERS AND POOLS

Community Centers and Pool Facilities	Address	Zip Code	Agency Responsible
Freed Community Center	6818 Shady Villa Lane	77055	HPARD
Johnson (R.L. & Cora) Community Center	9801 Tanner	77041	HPARD
Moffitt (Agnes) Park Pool	10645 Hammerly	77043	HPARD
Schwartz Park Pool	8203 Vogue	77055	HPARD

## 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 grey, to specifically highlight residential and commercial areas of need. Approximately 38% of the area in this Park Sector is in need of park land 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 168 acres of parkland (Harris County, HPARD& other providers) and 7 miles of trails. Of the 17,189 acres in this Park Sector, 1% of this acreage is parkland.
- There are approximately 121,000 residents, 65% are Latino and there is a slightly higher percentage of children & youth.
- The Health of Houston 2010 Survey shows that 31.8% of this Park Sector is obese (compared to 32% for the City of Houston) and 42.2% of the population is overweight.
- An additional 142 acres of park land (Community parks) are needed in Park Sector 10. The Trust for Public Land ParkScore™ map shows high and very high need in the areas south of Clay and in the central 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 140,000 residents by 2040. To meet the park land needs for the estimated 2040 population an additional 356 acres of park land 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 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	33	12	25	10	12	2	2	2	4	3	2	5	4	12
2015 Existing	33	9	7	10	4	1	0	0	2	2	0	5	1	3
2015 Needed	-	3	18	-	8	1	2	2	2	1	2	-	3	9
2040 Needed	30	15	29	12	15	3	2	1	5	3	2	3	5	15



## GUIDE FOR ESTIMATED COST OF NEW AMENITIES, PARK LAND, 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 park land 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 sqft 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 per resident 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	\$38,000,000	142 Acres- \$42,000,000	\$12,000,000	\$7,000,000
2040	\$122,000,000	356 Acres- \$105,000,000	\$72,000,000	\$9,000,000
TOTAL 2040	\$160,000,000	498 Acres- \$147,000,000	\$84,000,000	\$16,000,000



# PARK SECTOR 11 SUMMARY

## PARK SECTOR 11 PRIORITIES

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

## RECOMMENDATIONS

The parks in Park Sector 11 that have the highest need for redevelopment listed are from greatest need to least need: Gregg Street Park, Japonica Park, Pleasanton Manor Park, and Ingrando Park.

In this Park Sector an additional 4 acres of parkland are needed. While the majority of the Park Sector is served by parks within half a mile, there are some areas of need in the northeast portion of the Park Sector. Furthermore, this Park Sector is expected to grow along the METRORail Green Line and in the areas closest to downtown. Schools not participating in the SPARK School Park Program (Non-SPARK schools) should be explored as potential future partnerships for park space. Over 73% of the population in this Park Sector has incomes considered to be low to moderate. Pursuing Community Development Block Grants (CDBG) for park improvements should be a priority. In addition, CDBG funding could be considered in partnership with the SPARK program for to add park space to the system and provide improvements at Non-SPARK schools. Portions of this Park Sector are served by three Tax Increment Reinvestment Zones (TIRZs) and two Management Districts, which have been partners in the past and should continue to be pursued as partners to help meet the need for park land acquisition and maintenance.

This Park Sector is deficient in trails and volleyball courts. However, Bayou Greenways 2020 (BG2020 Initiative) will fill key gaps along Brays Bayou and residents will be able to use over 20 miles of trail once the Brays Bayou Trail system is completed. In addition, the METRORail Green Line has opened and there are new opportunities for connectivity and require a wayfinding system for pedestrians and bicyclists in the area.

In the 2014 survey, the top three priorities of residents in Park Sector 11 when asked what recreational needs existed in their neighborhood were: hike, bike and walk trails, open space and natural areas, and dog parks. Other services and amenities that residents asked for in the write-in portion of the survey were: fitness programs, dance or theater programs, arts and crafts programs, swim lessons, community gardens, dog parks, and golf programming.

**Sources:** 2010 Census, 2010 Houston Health Survey, American Community Survey 2013, Houston Parks Board, HPARD 2014 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
Pocket Parks				
Bollintom Future Park Site	7555	Elm Street	0.39	N/A
Brays Greenway Park	8001	Hockley	0.57	N/A
Broadmoor-Kretschmar Park	1500	Elliott	0.60	N/A
Cullinan (M.C.) Park (PB2)	5120	Polk	0.75	N/A
Fox Park	500	York/Fox	0.13	N/A
Gregg Street Park	605	Gregg	0.10	N/A
Japonica Park	6600	Japonica	0.37	N/A
Smith Future Park Site	7612	E. Elm Street	0.18	N/A
Sylvan Dells Park	1973	N MacGregor Way	0.38	N/A
Woodruff Park	8800	Woodruff	0.20	N/A
<b>Total Pocket Park Acreage</b>			<b>3.67</b>	
Neighborhood Parks				
Alvarez\Roark\Giraud Future Park Site		Nueces @ Brays Bayou	3.27	N/A
De Zavala Park	7520	Avenue J/907 76th St	2.60	N/A
Diez Street Park	4700	Diez/1800 Dumble	9.37	N/A
Eastwood Park	5020	Harrisburg	10.80	0.20
Elm Street Park	7600	Elm Street @ Brays Bayou	2.84	N/A
Garver Future Park Site		Buffalo Bayou/Lockwood	1.96	N/A
Guadalupe Plaza	2311	Runnels	6.46	N/A
Gutierrez (Siro) Park	7900	Flaxman	1.40	0.14
Hidalgo Park	7000	Avenue Q	11.60	N/A
Ingrando Park	7302	Keller	14.87	0.59
Japhet Creek Park	4700	Clinton Drive	4.76	N/A
Kellogg Street Future Park Site	0	Kellogg	1.10	N/A
McReynolds Mid Sch Park (Lease)	5905	Larimer	4.11	N/A
Park Drive Park	4600	Park Dr	2.60	N/A
Pleasanton Manor Park	8501	Guinevere	4.75	0.15
Robinson (J., Sr.) Park	1422	Ledwicke	4.79	0.10
Settegast Park	3000	Garrow	4.10	0.40
Spurlock Park	6700	Park Lane	3.44	N/A
Spurlock Parkway	1300	N. MacGregor Way	10.00	N/A
Swiney Park	2812	Cline	2.50	0.15
Taub Future Park Site		Buffalo Bayou/Lockwood	2.94	N/A
<b>Total Neighborhood Park Acreage</b>			<b>110.26</b>	
Community Parks				
Finnigan Park* (interlocal agreement)	4900	Providence	19.07	N/A
Gus Wortham Park & Golf Course	311	S. Wayside	150.77	0.30
Marron (Tony) Park	808	N. York	30.72	0.46
Mason Park	541	South 75th St/Tipps	108.08	1.40
Selena Quintanilla Perez/Denver Harbor Park	6402	Market	17.20	0.87
<b>Total Community Park Acreage</b>			<b>325.84</b>	
<b>Total HPARD Park Acreage</b>			<b>439.8</b>	



Urban Trails/Shared Use Parks/Bayou Trails	
Harrisburg/Sunset Trail	2.00
Columbia Tap Trail	1.10
Brays Bayou Trail	3.90
Buffalo Bayou Trail	3.00
<b>Total HPARD Trail Length</b>	
<b>14.26</b>	

## EXISTING COMMUNITY CENTERS AND POOLS

Community Centers and Pool Facilities	Address	Zip Code	Agency Responsible
De Zevala Community Center and Pool	Avenue J/907 76th Street	77012	HPARD
Eastwood Community Center and Pool	2020 Harrisburg	77011	HPARD
Finnigan Community Center and Pool	4900 Providence	77020	HPARD
Ingrando Community Center	7302 Keller	77012	HPARD
Mason Community Center and Pool	541 S 75th Street/Tipps	77023	HPARD
Robinson (J., Sr.) Community Center and Pool	1422 Ledwicke	77029	HPARD
Selena Quintanilla Perez/Denver Harbor Community Center and Pool	6402 Market	77020	HPARD
Settegast Community Center	3000 Garrow	77003	HPARD
Swiney Community Center	2812 Cline	77020	HPARD

## 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 from 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 grey, to specifically highlight residential and commercial areas of need. Approximately 13% of the area in this Park Sector is in need of park land 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 459 acres of parkland (Harris County, HPARD & other providers) and 16 miles of trails. Of the 13,914 acres in this Park Sector, 3% of this acreage is parkland.
- There are approximately 90,000 residents, 82% are Hispanic and there is a high percentage of children & youth.
- The Health of Houston 2010 Survey shows that 36% of the population is considered obese, as compared to 32% for the City of Houston as a whole.
- An additional 4 acres of park land are needed in this 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).
- The map shows need for park land in a few small pockets in this Park Sector.
- This Park Sector is expected to grow along the METRORail Green Line.
- H-GAC population projections estimate that this area will add over 6,000 residents by 2040. To meet the park land needs for the estimated 2040 population an additional 1 acre of park land 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 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	32	18	18	28	14	2	1	1	9	6	4	22	3	10
2015 Existing	32	18	17*	28	14	1	1	1	9	6	4	22	3	10
2015 Needed	-	-	1	-	-	1	-	-	-	-	-	-	-	-
2040 Needed	-	-	1	-	-	-	-	-	-	-	-	-	-	-

\* This number include 1 mile of trail currently planned or under construction along Brays Bayou under the Bayou Greenways Initiative, BG2020.



## GUIDE FOR ESTIMATED COST OF NEW AMENITIES, PARK LAND, 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 park land 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 sqft 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 per resident 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	\$1,400,000	4 Acres- \$1,500,000	\$44,000,000	\$5,700,000
2040	\$700,000	1 Acres- \$200,000	\$88,000,000	\$400,000
TOTAL 2040	\$2,100,000	5 Acres- \$1,700,000	\$132,000,000	\$6,100,000



# PARK SECTOR 12 SUMMARY

## PARK SECTOR 12 PRIORITIES

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

## RECOMMENDATIONS

The parks in Park Sector 12 that have the highest need for redevelopment are listed from greatest need to least need: Lawrence Park, Little Thicket Park, and Love Park.

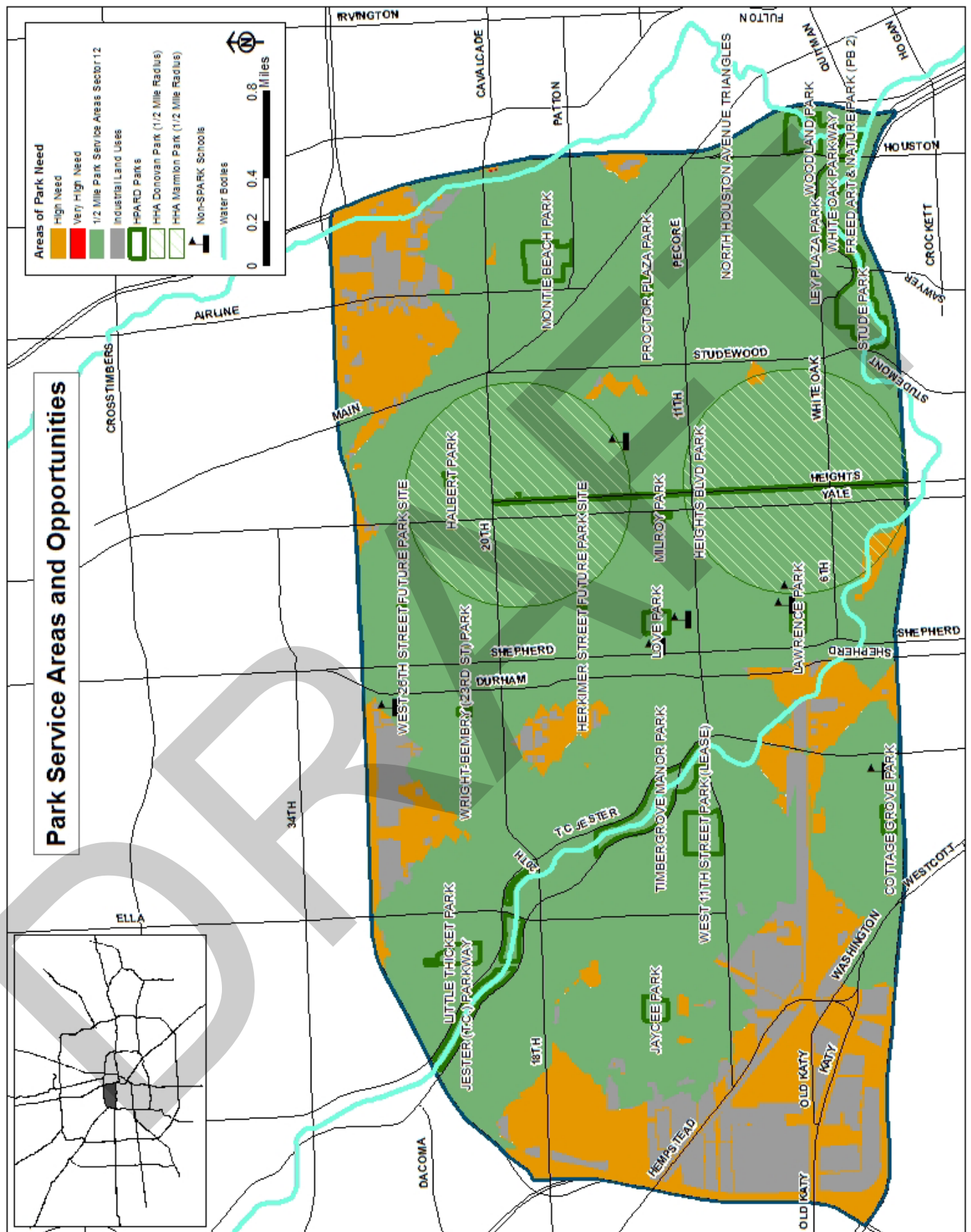
An additional 3 acres of parkland are needed in this Park Sector. While the majority of the Park Sector is served by parks within half a mile, there are some areas of need in the northeast and southwest portions of the Park Sector. Higher density residential development has increased in the area and growth continues east of TC Jester Boulevard and along the Shepherd Drive corridor. Schools not participating in the SPARK School Park Program (Non-SPARK schools) should be explored as potential future partnerships for park space. Portions of this Park Sector are served by two Tax Increment Reinvestment Zones (TIRZs) and one Management District, which have been partners in the past and should continue to be pursued to help meet the need for park land acquisition, improvements, and maintenance.

This Park Sector is deficient in picnic shelters, dog parks, skate parks, and soccer fields. In addition to the existing 16 miles of trails, the projects in progress through Public Works and Engineering, the Houston Parks and Recreation Department (HPARD), and Bayou Greenways 2020 (BG2020 Initiative) will close gaps in the White Oak Bayou trail and connect to the MKT trail to allow off-street access along White Oak Bayou north of IH-610 to downtown.

In the 2014 survey, the top three priorities of residents in Park Sector 12 when asked what recreational needs existed in their neighborhood were: hike, bike and walk trails (64.3%), dog parks (45.8%), and open space and natural areas (42.4%). Other services and amenities that residents asked for in the write-in portion of the survey were: fitness programs, swim lessons, dance or theater programs, arts and crafts programs, archery programs, outdoor environmental education and camping, community gardens, yoga and tai chi, and natural areas.

**Sources:** 2010 Census, 2010 Houston Health 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
Pocket Parks				
Herkimer Street Future Park Site	1500	Herkimer Street	0.40	N/A
North Houston Ave. Triangles	3200	Houston Ave/North Fwy	0.50	N/A
West 26th Street Future park site	437	West 26th Street	0.15	N/A
<b>Total Pocket Park Acreage</b>			<b>1.05</b>	
Neighborhood Parks				
Cottage Grove Park	2100	Arabelle	5.15	N/A
Freed Art and Nature Park (PB 2)	1400	White Oak Parkway	6.15	N/A
Halbert Park	200	East 23rd St	1.30	N/A
Jaycee Park	1300	Seamist	7.53	0.50
Lawrence Park	725	Lawrence	4.40	N/A
Ley Plaza Park	1900	White Oak Dr	1.00	N/A
Little Thicket Park	1831	West 23rd St	10.60	N/A
Love Park	1000	West 12th St	7.74	0.20
Milroy Park	1205	Yale	2.15	N/A
Proctor Plaza Park	803	W Temple	2.77	N/A
Timbergrove Manor Park	1500	West TC Jester	11.00	0.88
Wright-Bembry (23rd St) Park	850	West 23rd Street	1.08	N/A
<b>Total Neighborhood Park Acreage</b>			<b>60.87</b>	
Community Parks				
Montie Beach Park	915	Northwood	23.00	0.84
Stude Park	1031	Stude	42.40	0.70
West 11th Street Park	2600	West 11th Street	20.21	Natural*
Woodland Park	212	Parkview	19.67	0.32
<b>Total Community Park Acreage</b>			<b>105.3</b>	
Corridor/Linear Parks and Greenways				
Heights Blvd. Park	100-1900	Heights Blvd	**11.30	1.80
Jester (T.C.) Parkway	4201	TC Jester West	***32.00	N/A
White Oak Parkway	1513	White Oak Blvd	23.20	0.93
<b>Total HPARD Park Acreage</b>			<b>233.70</b>	
Urban Trails and Shared Use Paths				
MKT/Heights Hike and Bike Trail				3.36
White Oak Bayou Trail				2.10
Houston Heritage West (including MKT to Stude Park connector)				1.48
MKT to WOB Connector				1.00
Little White Oak Bayou (PWE maintained trail)				0.35
<b>Total HPARD Trail Length</b>				<b>14.53</b>

\*There are natural trails in West 11th Street Park, however, they have not been measured by staff.

\*\*Heights Boulevard Park north of I-10 has been used and maintained as a park; it is currently under an adoption agreement for maintenance with the Heights Association. South of White Oak Bayou Heights Boulevard Park has acted more like an esplanade; however, recently Walmart has adopted these 3 acres and constructed a granite trail.

\*\*\*This acreage is for the portion of TC Jester Park located inside Park Sector 12 only. HPARD maintains the White Oak Bayou Trail and the flat areas along White Oak Bayou. The acreage listed includes the channel, the slopes and the flat areas as well as the trail. According to HCAD, 29 acres belong to HCFCD and 2 acres belong to HPARD. There is an interlocal agreement between the HCFCD and the COH, nonetheless, the acreage might need to be revised. The miles of trail that go through TC Jester Park are already accounted for in the White Oak Bayou Trail miles section of Table 4.



## EXISTING COMMUNITY CENTERS AND POOLS

Community Centers and Pool Facilities	Address	Zip Code	Agency Responsible
Love Community Center and Pool	1000 West 12th Street	77008	HPARD
Milroy Community Center	1205 Yale	77008	HPARD
Montie Beach Community Center	915 Northwood	77009	HPARD
Proctor Community Center	803 West Temple	77009	HPARD
Stude Community Center and Pool	1031 Stude	77009	HPARD
Woodland Community Center	212 Parkview	77009	HPARD

## 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 grey, to specifically highlight residential and commercial areas of need. Approximately 15% of the area in this Park Sector is in need of park land 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 235 acres of parkland (Harris County, HPARD & other providers). Of the 7,160 acres in this Park Sector, 3% of this acreage is parkland.
- There are approximately 54,000 residents. There is a higher percentage (54%) of White residents compared to the city as a whole of (26%) and a higher percentage of adults (20-54 yrs) and seniors (55 and older) as compared to the rest of the city.
- An additional 3.2 acres of park land are needed in this 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).
- The map shows need for parkland in the northern and western portions of the Park Sector. Higher density residential development has increased in the area and growth continues east of TC Jester Boulevard and along the Shepherd Drive corridor.
- H-GAC population projections estimate that this area will add over 35,000 residents by 2040. To meet the park land needs for the estimated 2040 population an additional 23 acres of park land 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	18	5	17	13	9	1	1	1	6	2	2	6	3	5
2015 Existing	18	4	17*	13	9	1	0	0	6	2	2	6	3	4
2015 Needed	-	1	-	-	-	-	1	1	-	-	-	-	-	1
2040 Needed	1	4	-	-	-	1	-	-	-	-	-	-	-	4

\* This number includes 1 mile of trail connectors currently planned or under construction along White Oak Bayou under the Bayou Greenways Initiative, BG2020.

## GUIDE FOR ESTIMATED COST OF NEW AMENITIES, PARK LAND, 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 park land 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 sqft 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	\$5,000,000	3 Acres- \$3,000,000	\$24,600,000	\$4,000,000
2040	\$4,000,000	23 Acres- \$17,000,000	\$52,000,000	\$2,000,000
TOTAL 2040	\$9,000,000	26 Acres- \$20,000,000	\$76,600,000	\$6,000,000



# 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 park land
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 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 Houston Health 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
Pocket Parks				
Vassar Spaceway	1720	Vassar	0.50	N/A
<b>Total 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
Schweppe Park	1801	El Paseo	2.79	N/A
Young (Karl) Park	7800	Stella Link	5.50	0.20
<b>Total Neighborhood Park Acreage</b>			<b>43.68</b>	
Regional Parks				
Hermann Park	6001	Fannin	445.00	3.60
<b>Total Regional Park Acreage</b>			<b>445.00</b>	
Corridor/Linear Parks and Greenways				
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 grey, to specifically highlight residential and commercial areas of need. Approximately 27% of the area in this Park Sector is in need of park land 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 park land needs for the estimated 2040 population an additional 192 acres of park land 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	15	6	8	2	1	1	3	2	1	3	3	8
2015 Existing	14	10	15	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



## GUIDE FOR ESTIMATED COST OF NEW AMENITIES, PARK LAND, 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 park land 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 sqft 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 14 SUMMARY

## PARK SECTOR 14 PRIORITIES

These priorities were developed by using condition assessment information from site visits, standard-based needs analysis (NRPA standards and data provided by 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 park land
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 14 that have the highest need for redevelopment are listed from greatest need to least need: Live Oak Park, Dow Elementary Park and Cleveland Park.

Thirty-seven (37) 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 southern portions of the Park Sector. Higher density residential development has increased throughout most of this Park Sector. Schools not participating in the SPARK School Park Program (Non-SPARK schools) should be explored as potential future partnerships for park space. Buffalo Bayou Park, as part of a very successful private-public partnership, is being redeveloped and it will be a tremendous asset not only to the residents in this immediate area but also as a regional asset. Additional connections from the south and west into Buffalo Bayou trail system should be explored. There is a north-south utility corridor, between US-59 and Memorial Park, which runs through the middle of the largest area in this Park Sector that has been identified as needing park and open space access. Trail development should be explored in this corridor to increase connectivity.

The Management Districts and non-profits in the area have actively engaged in acquisition, redevelopment and or maintenance of parks. This is an ongoing effort that should continue in order to keep up with the demands of a fast growing population in this area of the city.

This Park Sector is deficient in playgrounds and soccer fields. In the 2014 survey, the top three priorities of residents in Park Sector 14 when asked what recreational needs existed in their neighborhood were: hike, bike and walk trails, open space and natural areas, and upgraded recreation centers. Other services and amenities that residents asked for in the write-in portion of the survey were: fitness programs, dance or theater programs, arts and crafts programs, adult tennis programs, outdoor environmental education and camping, yoga and tai chi, community gardens, and adult sand volleyball.

**Sources:** 2010 Census, 2010 Houston Health 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
Pocket Parks				
Bethel Church Site	801	Andrews	0.47	N/A
Brock, Richard Park (formerly Jones, Randall Park)	1709	Bingham	0.45	N/A
Camp Logan Triangle	6401	Coppage/Rodrigo	0.98	N/A
Crockett Street Future Park Site	1900	Crockett	0.12	N/A
Dow Elementary Park	1919	Kane	0.25	N/A
Ella Lee Park	2030	Larchmont	0.30	N/A
Heiner Street Future Park Site		Heiner Street	0.18	N/A
Glover (Elizabeth) Park	3118	Elgin	0.29	N/A
Jones (Randall P.) Park (formerly Summer Street Park)	1600	Summer St	0.34	N/A
Keyes (Nellie) Park	801	Lester	0.50	0.12
Kirby Park	900	Kirby	0.40	N/A
Knox Park	229	S. Heights	0.35	N/A
Lamar Park	1400	Hyde Park/Waugh Dr	0.40	N/A
Live Oak Park	2000	Brentwood	0.60	N/A
Naeem Choudhri (Jetall) Park	6415	Taggart/Minola	0.50	N/A
Olympia Park	3600	Olympia	0.30	N/A
Peggy's Point Plaza Park	4240	Main	0.44	N/A
Pine Valley Park	2431	Pine Valley	0.40	N/A
Shiffick (Peggy H.) Park	700	Bomar	0.08	N/A
Sleepy Hollow Park	3400	Sleepy Hollow	0.20	N/A
The Park on San Felipe	1702	Post Oak Lane	0.10	N/A
Wanita Triangle	6600	Wanita	0.50	N/A
West Dallas Future Park Site	1706	W Dallas	0.14	N/A
West End Park	1418	Patterson	0.49	0.13
<b>Total Pocket Park Acreage</b>			<b>8.60</b>	
Neighborhood Parks				
Autry Park	911	Shepherd/Allen Parkway	2.84	0.17
Baldwin Park	1701	Elgin	4.88	0.32
Cherryhurst Park	1700	Missouri	1.90	0.20
Chew (Ervan) Park	4502	Dunlavy	3.40	0.21
Cleveland Park	200	Jackson Hill	10.20	0.35
Delmonte Park	3750	Delmonte	1.10	N/A
Elliott (Mary) Park	3000	Chevy Chase	1.40	N/A
Homewood Park	2943	Lazy Lane	3.00	N/A
Levy Park	3801	Eastside	5.60	0.24
Mandell Park	1500	Richmond Ave.	1.24	N/A
Memorial-Silver Triangle	1901	Memorial Way	1.10	0.23
Meyer (Rebecca) Park	3200	Reba	1.80	N/A
River Oaks Park	3600	Locke Lane	5.10	0.25
West Webster Street Park	1501	West Webster Street	1.14	N/A
Wiley Park (Lease)	1414	Gillette	1.00	N/A
<b>Total Neighborhood Park Acreage</b>			<b>48.30</b>	



Community Parks				
Buffalo Bayou/Tinsley Park /Jamail (Lee and Joe) Skate Park	18-3600	Allen Pkwy/Memorial Dr	127.82	4.90
Hogg Bird Sanctuary Park	100	Westcott	16.47	N/A
Spotts Park	401	S. Heights Blvd	16.24	1.60
Total Community Park Acreage			160.53	
Regional Parks				
Memorial Park	6501	Memorial Drive	1458.01	*25.00
Total Regional Park Acreage			1458.01	
Linear Parks / Greenways				
Heights Blvd. Park		Heights Blvd.	3.25	0.20
Linear Park		Sabine St/Sesqui. Park	2.56	0.26
MKT (Inside of PS only)				1.10
Metropolitan MSC				0.33
Total HPARD Corridor Park Acreage			5.81	
Total HPARD Park Acreage			1,681.25	
Total HPARD Trail Length			35.61	

## EXISTING COMMUNITY CENTERS AND POOLS

Community Centers and Pool Facilities	Address	Zip Code	Agency Responsible
Cherryhurst Community Center	1700 Missouri	77006	HPARD
Memorial Park Pool	6501 Memorial Drive	77007	HPARD
Metropolitan Multi-Service Center Community Center and Pool	1475 West Gray	77019	HPARD
River Oaks Community Center	3600 Locke Lane	77027	HPARD

## 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 grey, to specifically highlight residential and commercial areas of need. Approximately 18% of the area in this Park Sector is in need of park land 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 1,681 acres of parkland (Harris County, HPARD & other providers) and has a total of 39 miles of trail. Of the 10,900 acres in this Park Sector, 15% of this acreage is parkland.
- There are approximately 91,000 residents, 65% are White and there is a high percentage of adults (20-54yrs) and seniors (55+yrs).
- An additional 37 acres of land is needed in this Park Sector. The map shows high need in southwest and south central 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). In addition, higher density residential development is occurring along the Washington corridor and there is increasing usage of existing parks.
- H-GAC population projections estimate that this area will add almost 50,000 residents by 2040. To meet the park land needs for the estimated 2040 population an additional 106 acres of park land 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 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	23	12	40	21	29	8	6	1	3	2	2	5	7	9
2015 Existing	22	12	40*	21	29	8	6	1	3	2	2	5	7	2
2015 Needed	1	-	-	-	-	-	-	-	-	-	-	-	-	7
2040 Needed	12	-	-	-	-	-	-	-	-	1	-	-	-	5

\* This number includes 1 mile of connector trail between Buffalo Bayou and Memorial Park currently planned under the Bayou Greenways Initiative, BG2020.



## GUIDE FOR ESTIMATED COST OF NEW AMENITIES, PARK LAND, 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 park land 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 sqft 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 per resident 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	\$5,000,000	37 Acres- \$81,000,000	\$31,000,000	\$6,000,000
2040	\$14,000,000	106 Acres- \$231,000,000	\$68,000,000	\$3,000,000
TOTAL 2040	\$19,000,000	143 Acres- \$312,000,000	\$99,000,000	\$9,000,000



# PARK SECTOR 15 SUMMARY

## PARK SECTOR 15 PRIORITIES

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

## RECOMMENDATIONS

The parks in Park Sector 15 that have the highest need for redevelopment are listed from greatest need to least need: Bennett (Mills) Park, Leroy (Moses) Park, Madison (Cyrill) Park, Scales (Zollie) Park and Malone (Zurrie) Park.

Four (4) 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 southern portions of the Park Sector. There is high need along Cullen Boulevard in the southern portion of the Park Sector and close to Telephone Road and IH-610 where there is multi-family development. Further development is expected to occur along the light rail line and in the areas closest to downtown. Schools not participating in the SPARK School Park Program (Non-SPARK schools) should be explored as potential future partnerships for park space. Over 72% of the population in this Park Sector has incomes considered to be low to moderate. Pursuing Community Development Block Grants (CDBG) for park improvements should be a priority. In addition, CDBG funding could be considered in partnership with the SPARK program for to add park space to the system and provide improvements at Non-spark Schools. There are areas of need that are primarily comprised of low-density single family housing where there is undeveloped land that could be conserved for future park use. There are few parks in the southern and eastern portions of the Park Sector and land acquisition should be pursued in these areas.

The Tax Increment Reinvestment Zones (TIRZ) and Management Districts in the area have actively engaged in acquisition, redevelopment and or maintenance of parks. This is an effort that should continue in order to keep up with the demands and needs of the area.

This area is deficient in trails, volleyball courts, dog parks, skate parks, community centers, and baseball, softball and soccer fields. In the 2014 survey, the top three priorities of residents in Park Sector 15 when asked what recreational needs existed in their neighborhood were: hike, bike and walk trails, spraygrounds or swimming pool facility, and upgraded recreation centers. Park Sector 15 has a total of 8.6 miles of trails. It is projected that there will be a total of 19 miles of trails along Brays Bayou once Bayou Greenways 2020 (BG2020 Initiative) is completed. Other services and amenities that residents asked for in the write-in portion of the survey were: fitness programs, archery programs, swim lessons, arts and crafts programs, after school enrichment programs, dance or theater programs, summer youth enrichment programs, youth nature programs, and senior programming. Because of the health profile of this Park Sector (42.9% are obese and 15.5% are diabetic, which are higher than the city as a whole of at 30.8% and 11.4% respectively), partnerships focused on increasing physical activity levels and programming for healthy living should be explored.

**Sources:** 2010 Census, 2010 Houston Health 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
Pocket Parks				
Leroy (Moses) Park	3100	Trulley	0.55	N/A
Malone (Zurrie M.) Park	2901	Nettleton/Anita	0.69	N/A
Our Park	2604	Alabama	0.66	N/A
Wayside at Griggs Future Park Site	3727	Wayside Drive	0.55	N/A
<b>Total Pocket Park Acreage</b>			<b>2.45</b>	
Neighborhood Parks				
Beech-White Park	7551	Scott	15.27	N/A
Bennett (Mills) Park	3000	Ennis/N MacGregor Way	1.00	N/A
Brookline Park	3300	Real	10.56	N/A
Calloway (Yvette) Park/Southland	6502	Allegheny	1.10	N/A
Emancipation Park	3018	Dowling	11.6	N/A
Fonde Park	5500	Carrolton/2500 Hansford	12.70	0.32
Madison (Cyrill) Park	7401	Tierwester	1.23	N/A
Nelson (George T.) Park	3820	Yellowstone	6.03	0.17
Park at Palm Center* (Operation & Maintenance Agreement)	5400	Griggs Road	2.17	0.22
Parkwood Park	3400	North Parkwood Drive	2.00	N/A
Riverside Park	2600	S Calumet/N Calumet	4.14	0.42
Scales (Zollie) Park	3501	Corder	14.30	0.23
<b>Total Neighborhood Park Acreage</b>			<b>82.10</b>	
Community Parks				
Gragg Park Complex	2999	S Wayside	47.95	N/A
MacGregor Park	5225	Calhoun	82.79	1.44
<b>Total Community Park Acreage</b>			<b>130.70</b>	
Linear Parks / Greenways				
MacGregor Parkway	2200	MacGregor	99.54	See HC Trails
<b>Total Linear Park Acreage</b>			<b>99.54</b>	
Urban Trails / Shared Use Paths				
Columbia Tap				5.81
<b>Total HPARD Park Acreage</b>			<b>215.30</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
Emancipation Community Center and Pool	3018 Dowling	77004	HPARD
MacGregor Community Center and Pool	5225 Calhoun	77021	HPARD
Nelson (George T.) Park Pool	3820 Yellowstone	77021	HPARD



## 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 grey, to specifically highlight residential and commercial areas of need. Approximately 21% of the area in this Park Sector is in need of park land 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 315 acres of parkland (Harris County, HPARD & other providers). Of the 8,182 acres in this Park Sector, 4% of this acreage is parkland.
- There are approximately 60,000 residents, 60% are African-American and there is a higher percentage of youth as compared to the city as a whole of.
- There is a high incidence of obesity among adults (43%) as compared to the city as a whole of (31%).
- The Park Service Area map shows high need along Cullen Boulevard in the southern portion of the Park Sector and close to Telephone Road and IH-610 where there is multi-family development.
- An additional 3.6 acres of park land are needed in this 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 3,000 residents by 2040. To meet the park land needs for the estimated 2040 population an additional 1 acre of park land 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 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	9	13	16	19	2	1	1	3	3	1	3	2	6
2015 Existing	19	9	13*	16	19	1	0	0	2	3	1	2	0	2
2015 Needed	-	-	-	-	-	1	1	1	1	-	-	1	2	4
2040 Needed	-	-	1	-	-	-	-	-	-	-	-	-	-	-

\* This number includes miles of trails currently planned along Brays Bayou under the Bayou Greenways Initiative, BG2020



## GUIDE FOR ESTIMATED COST OF NEW AMENITIES, PARK LAND, 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 park land 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 sqft 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 per resident 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	\$9,000,000	3.6 Acres- \$1,300,000	\$20,000,000	\$3,700,000
2040	\$700,000	1 Acres- \$300,000,000	\$44,000,000	\$300,000
TOTAL 2040	\$9,700,000	4.6 Acres- \$1,600,000	\$64,000,000	\$4,000,000



# PARK SECTOR 16 SUMMARY

## PARK SECTOR 16 PRIORITIES

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

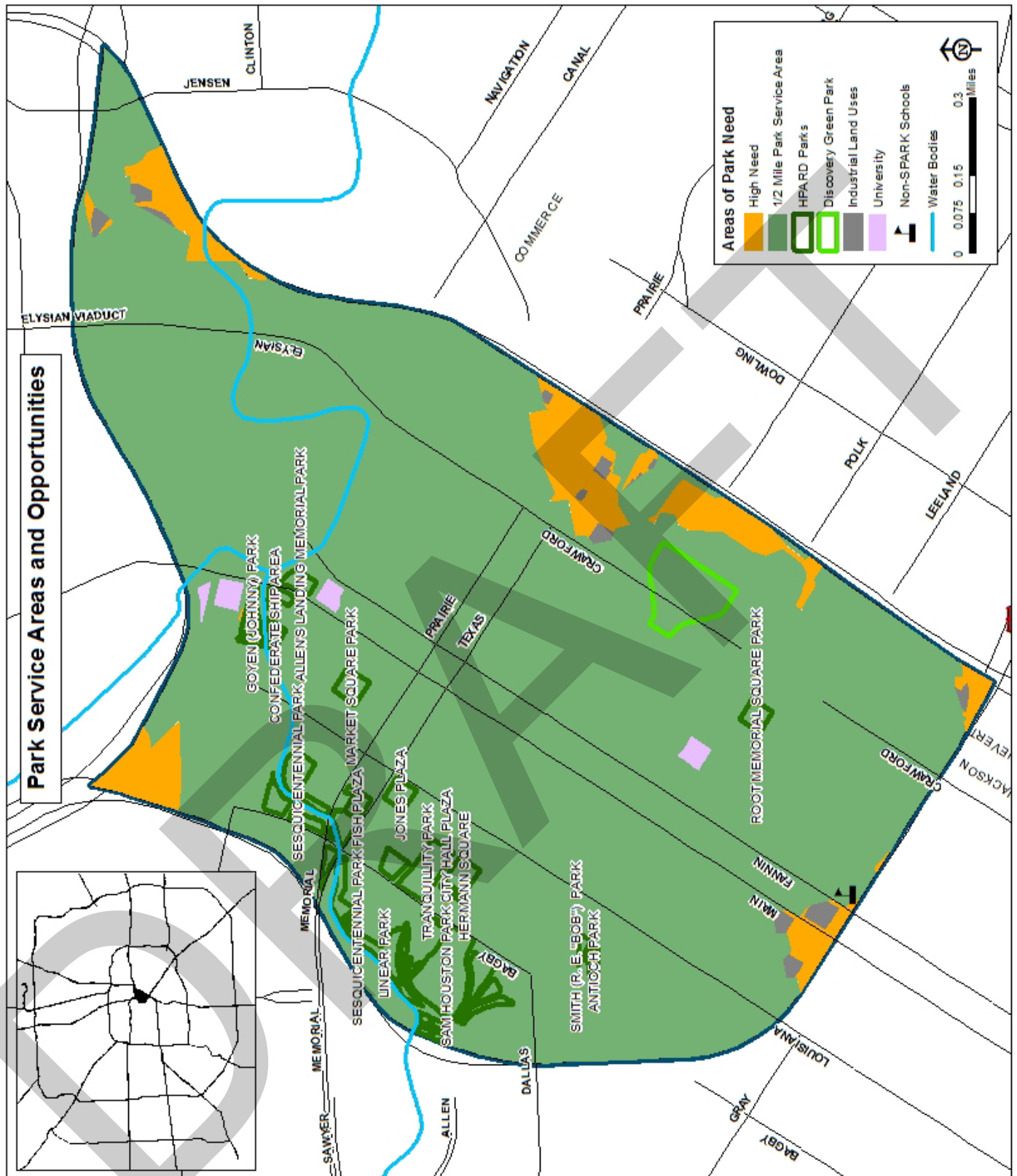
## RECOMMENDATIONS

One (1) acre of parkland is 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 eastern portions of the Park Sector. Furthermore, residential multi-family development is increasing in the downtown area. There are few parks in the southern and eastern portions of the Park Sector and land acquisition should be pursued in these areas. 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 deficient in tennis courts, volleyball courts, skate parks, community centers, swimming pools, and baseball, softball and soccer fields. While there is no skate park in Park Sector 16, there is the Lee & Joe Jamail Skatepark in neighboring Park Sector 14 that is a world-class, in-ground skate park that serves the entire City. In the 2014 survey, the top three priorities of residents in Park Sector 16 when asked what recreational needs existed in their neighborhood were: hike, bike and walk trails, open space and natural areas, and upgraded recreation centers. In addition to the existing 3.2 miles of trails, there is a proposed 1.3 mile shared use path along Buffalo Bayou planned by the Bayou Greenways 2020 (BG2020 Initiative) initiative which would close a gap in the trail and complete a total of 7 miles of trails along the south side of Buffalo Bayou. Furthermore, connections to the east-west protected two-way bike lane along Lamar Street from Sam Houston Park to Discovery Green should be explored. Other services and amenities that residents asked for in the write-in portion of the survey were: teen enrichment and volunteer programs, arts and crafts programs, and dance or theater programs.

**Sources:** 2010 Census, 2010 Houston Health 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
Pocket Parks				
Antioch Park	1400	Smith/Clay	0.65	N/A
City Hall Annex Plaza	900	Bagby	0.26	N/A
City Hall Plaza	901	Bagby	0.24	N/A
Confederate Ship Area	801	Commerce	0.75	N/A
Old City Hall Clock Plaza		Congress/Travis	0.01	N/A
Smith (R. E. "Bob") Park	1300	Smith/Clay	0.08	N/A
<b>Total Pocket Park Acreage</b>			<b>1.99</b>	
Neighborhood Parks				
Allen's Landing Memorial Park	1001	Commerce	1.76	N/A
Goyen (Johnny) Park	1	North Milam Street	1.66	N/A
Hermann Square	900	Smith	1.43	N/A
Jones Plaza* Operation & Maintenance(O&M) Agreement	600	Louisiana	1.41	N/A
Linear Park		Sabine St./Sesqui. Park	4.19	1.00
Market Square Park* (O&M Agreement)	301	Milam	1.43	N/A
Root Memorial Square Park* (O&M Agreement)	1400	Clay	1.43	N/A
Sesquicentennial Park* (O&M Agreement)	400	Texas Ave	4.00	2.00
Sesquicentennial Park Fish Plaza* (O&M Agreement)	500	Texas Ave	1.17	N/A
Tranquility Park	400	Rusk	4.30	N/A
<b>Total Neighborhood Park Acreage</b>			<b>22.78</b>	
Community Parks				
Sam Houston Park	1000	Bagby	19.70	N/A
<b>Total Community Park Acreage</b>			<b>19.70</b>	
<b>Total HPARD Park Acreage</b>			<b>44.50</b>	
<b>Total HPARD Trail Length</b>				<b>3.00</b>

## 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 grey, to specifically highlight residential and commercial areas of need. Approximately 5% of the area in this Park Sector is in need of park land 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 58.5 acres of parkland (Harris County, HPARD & other providers). Of the 1,136 acres in this Park Sector, 5% of this acreage is parkland.
- There are approximately 14,000 residents (including those in group quarters), 83% of residents are adults.
- Residential multifamily is expected to continue to increase.
- An additional 1.3 acres park land is needed in Park Sector 16. 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 11,000 residents by 2040. To meet the park land needs for the estimated 2040 population an additional 17 acres of park land 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	3	2	5	1	1	1	2	1	1	1	2	1	1	1
2015 Existing	3	2	5*	1	0	0	2	0	0	0	2	0	0	0
2015 Needed	-	-	-	-	1	1	-	1	1	1	-	1	1	1
2040 Needed	3	-	2	1	2	-	-	-	-	-	-	-	-	2

\* This number includes miles of trails currently planned along Buffalo Bayou under the Bayou Greenways, BG2020.



## GUIDE FOR ESTIMATED COST OF NEW AMENITIES, PARK LAND, 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 park land 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 sqft 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	\$13,000,000	1 Acres- \$7,000,000	\$1,300,000	\$900,000
2040	\$9,000,000	17 Acres- \$94,000,000	\$10,000,000	\$700,000
TOTAL 2040	\$22,000,000	18 Acres- \$101,000,000	\$11,300,000	\$1,600,000



# PARK SECTOR 17 SUMMARY

## PARK SECTOR 17 PRIORITIES

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

## RECOMMENDATIONS

The parks in Park Sector 17 that have the highest need for redevelopment listed are from greatest need to least need: Evella Park, Groveland Terrace Park, Jordan, Barbara Family Park (formerly Wipprechet Park), and Delce (Catherine) Park.

Fifty-five (55) acres of parkland are needed in this Park Sector. There are areas of need in the northwest and central portions of the Park Sector. Schools not participating in the SPARK School Park Program (Non-SPARK schools) should be explored as potential future partnerships for park space. Over 76% of the population in this Park Sector has incomes considered to be low to moderate. Pursuing Community Development Block Grants (CDBG) for park improvements should be a priority. In addition, CDBG funding could be considered in partnership with the SPARK program for to add park space to the system and provide improvements at Non-SPARK Schools. The central area, north and south of Quitman Avenue, would particularly benefit from additional SPARK Parks. Growth in this Park Sector is expected along the METRORail and closest to downtown. There is a high percentage of undeveloped land in this Park Sector which could be conserved for future park use.

This Park Sector is deficient in trails, tennis courts, volleyball courts, dog parks and softball and soccer fields. In the 2014 survey, the top three priorities of residents in Park Sector 17 when asked what recreational needs existed in their neighborhood were: hike, bike and walk trails, upgraded recreation centers, and playground areas. In addition to the existing 6.9 miles of trails, the Bayou Greenways 2020 (BG2020 Initiative) initiative will add 4.6 miles to the Hunting Bayou trail system. Through the TIGER grant HPARD will be adding key connections from this Park Sector into the White Oak Bayou system, providing access to downtown via the Buffalo Bayou trail system. Other services and amenities that residents asked for in the write-in portion of the survey were: arts and crafts programs, dance or theater programs, nutrition programs, fishing activities, outdoor environmental education and camping, swim lessons, adult softball leagues, adaptive sports and recreation programs for people with disabilities, and community gardens. Because of the health profile for this Park Sector (49% of residents are obese and 26.1% have diabetes, which are levels higher than in any other Park Sector in the city), partnerships focused on increasing physical activity levels and programming for healthy living should be explored.

**Sources:** 2010 Census, 2010 Houston Health Survey, American Community Survey 2013, Houston Parks Board, HPARD 2014 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
Pocket Parks				
Evella Park	5210	Evella	0.23	N/A
Adams (Catherine)/Rawley Park	4800	Rawley	0.40	N/A
Burnett St. Park	1500	Burnett	0.40	N/A
Jordan, Barbara Family Park (formerly Wipprecht Park)	2400	Wipprecht/4700 Lee	0.69	N/A
Hogg Park	2211	South	0.85	N/A
Total Pocket Park Acreage			2.57	
Neighborhood Parks				
Avenue Place Future Park Site	4000	Irvington	1.05	N/A
Groveland Terrace Park	3921	Herald	1.29	0.16
Henderson (Earl) Park	4250	Elysian	1.40	0.21
Hennessy Park	1900	Lyons Ave	1.40	0.20
Castillo Park	1200	Quitman	1.84	N/A
Nieto (Santos and Esther) Park	500	Port	2.00	N/A
Delce (Catherine) Park	5700	Collingsworth	2.67	0.21
Tuttle (Cliff) Park (Padilla Skate Park)	6200	Lyons	3.40	N/A
Brewster Park	1800	Des Chaumes	6.09	N/A
Irvington Park	1000	Cavalcade	6.30	N/A
Tuffly Park	3200	Russell	11.32	0.33
Total Neighborhood Park Acreage			38.50	
Community Parks				
Moody Park	3725	Fulton	34.90	0.94
Total Community Park Acreage			34.90	
Total HPARD Park Acreage			76.00	
Urban Trails / Shared Use Paths		Boundaries	Acres	Trail Length
Houston Heritage West	I-45 to I-10			1.20
Houston Heritage West Connectors to Main St (2014)	Hogg Park to Quitman, HH to Pickney			0.40
				1.60
Total HPARD Trail Length			3.65	

## EXISTING COMMUNITY CENTERS AND POOLS

Community Centers and Pool Facilities	Address	Zip Code	Agency Responsible
Julia C. Hester House	2020 Solo Street	77020	The Julia C. Hester House
Leonel J. Castillo Community Center	13828 Corpus Christi	77009	Harris County
Moody Community Center and Pool	3725 Fulton	77009	HPARD
Tuffly Community Center and Pool	3200 Russell	77026	HPARD



## 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 grey, to specifically highlight residential and commercial areas of need. Approximately 20% of the area in this Park Sector is in need of park land 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 97 acres of parkland (Harris County, HPARD & other providers). Of the 9,638 acres in this Park Sector, 1% of this acreage is parkland.
- There are approximately 58,000 residents, 65% are Hispanic and there is a high percentage of elderly people & youths.
- The rate of obesity in this Park Sector (49%) is much higher than for the city as a whole of (31%)
- Growth for this Park Sector is expected along the METRORail Red Line and closest to downtown.
- An additional 55 acres of park land are needed in Park Sector 17. 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).
- The Trust for Public Land ParkScore™ shows high need in northwest and central portion of the Park Sector.
- H-GAC population projections estimate that this area will add over 7,000 residents by 2040. To meet the park land needs for the estimated 2040 population an additional 19 acres of park land 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 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	26	10	11	16	6	2	1	1	4	2	2	7	2	6
2015 Existing	26	10	11*	16	3	0	0	1	4	2	2	7	1	4
2015 Needed	-	-	-	-	3	2	1	-	-	-	-	-	1	2
2040 Needed	-	-	1	-	1	-	-	-	-	-	-	-	-	1

\* This number includes miles of trails currently planned along Hunting Bayou under the Bayou Greenways Initiative, BG2020



## GUIDE FOR ESTIMATED COST OF NEW AMENITIES, PARK LAND, 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 park land 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 sqft 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 per resident 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	\$7,000,000	55 Acres- \$10,000,000	\$19,000,000	\$3,600,000
2040	\$1,000,000	19 Acres- \$3,000,000	\$40,000,000	\$500,000
TOTAL 2040	\$8,000,000	74 Acres- \$13,000,000	\$59,000,000	\$4,100,000



# PARK SECTOR 18 SUMMARY

## PARK SECTOR 18 PRIORITIES

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

## RECOMMENDATIONS

The parks in Park Sector 18 that have the highest need for redevelopment are Boone Road Park and Waldemar Park.

In this Park Sector 401 acres of parkland are needed. Even though the need analysis for park land shows a great need for park land, this analysis only accounts for Pocket, Neighborhood and Community parks. This Park Sector is unusual in that it is served by four Regional Harris County parks: Terry Hershey Park, George Bush Park, Art Storey Park and Archbishop Joseph A. Fiorenza Park. Nonetheless there is still a need for smaller scale parks in areas of need. This is the second most populous Park Sector that carries 11.3% of the total population in the City of Houston. There are areas of need throughout almost the entire Park Sector.

Furthermore, the population in west Houston is projected to grow immensely in coming years. Schools not participating in the SPARK School Park Program (Non-SPARK schools) should be explored as potential future partnerships for park space. Schools are located in many of the areas of need and very high need for park land and opportunities seem widespread. Because of the great need for park land and playgrounds in this Park Sector, a partnership with the SPARK Park program and Houston Independent School District (HISD) would be highly beneficial.

This Park Sector is deficient in playgrounds, picnic shelters, trails, outdoor basketball courts, tennis courts, volleyball courts, dog parks, skate parks, community centers, swimming pools, spraygrounds and softball fields. In the 2014 survey, the top three priorities of residents in Park Sector 18 when asked what recreational needs existed in their neighborhood were: hike, bike and walk trails, open space and natural areas, and picnic areas and pavilions. Three bayous, Buffalo, Brays and Keegans Bayous traverse this Park Sector and there are approximately 18 miles of trails planned for these bayous through the Bayou Greenways Initiative (BG 2020). The West Houston Trails Master Plan (WHTMP) proposes a north-south 8.7 mile spine trail along a utility corridor (Wycliff Highline Spine Trail) which would begin north of I-10 and connect the trail along Buffalo Bayou inside Terry Hershey Park to Brays Bayou and would fill a gap in need for park and open space. Other services and amenities that residents asked for in the write-in portion of the survey were: fitness programs, outdoor environmental education and camping, fishing activities, senior programming, archery programs, youth nature programs, tai chi and yoga, community gardens, and youth ages 0-6 programming. Over 28% of the population in this Park Sector is obese. Based on these health metrics, partnerships should be pursued to increase levels of physical activity and programming that promotes healthy living should be explored.

**Sources:** 2010 Census, 2010 Houston Health 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
Pocket Parks				
Energy Corridor Trailhead Park		N. Eldridge/ Buffalo Bayou	0.79	N/A
Kendall Community Center	609	N. Eldridge	0.08	N/A
Memorial West Pocket Park (undeveloped)	13922	Memorial Drive	0.72	N/A
<b>Total Pocket Park Acreage</b>			<b>1.60</b>	
Neighborhood Parks				
Harwin Park	11305	Harwin	8.83	0.70
Waldemar Park	11700	Waldemar	3.95	0.19
<b>Total Neighborhood Park Acreage</b>			<b>12.80</b>	
Community Parks				
Alief Community Park	11903	Bellaire Blvd	37.30	0.53
Boone Road Park	7700	Boone Rd.	27.38	1.06
Hackberry Park	7777	South Dairy Ashford	22.44	0.70
<b>Total Community Park Acreage</b>			<b>87.10</b>	
Urban Trails / Shared Use Paths				
West Side Hike and Bike Trail				1.90
<b>Total HPARD Park Acreage</b>			<b>101.40</b>	
<b>Total HPARD Trail Length</b>				<b>5.08</b>

## EXISTING COMMUNITY CENTERS AND POOLS

Community Centers and Pool Facilities	Address	Zip Code	Agency Responsible
Alief Community Center and Pool	11903 Bellaire Blvd	77072	HPARD
Hackberry Community Center	7777 South Dairy Ashford	77072	HPARD
Kendall Community Center	603 East 35th	77079	HPARD

## 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 grey, to specifically highlight residential and commercial areas of need. Roughly 39% of this Park Sector is not served by a park, which is lower than that of the entire city (55%). 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 9,060 acres of parkland (Harris County, HPARD & other providers). Of the 37,443 acres in this Park Sector, 24% of this acreage is parkland.
- There are approximately 240,000 residents, making this the second most populous Park Sector that carries 11.3% of the total population in the City of Houston. It also has the second largest concentration of Asian-Americans (14%) in the city.
- Even though this Park Sector is served by George Bush Park there is a need for 401 acres of Neighborhood and Community parks. 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).
- The Trust for Public Land ParkScore shows high need in northwest and central portion of the Park Sector.
- Park Sector 18 has a total of 32 miles of trails.
- H-GAC population projections estimate that this area will add over 58,000 residents by 2040. To meet the park land needs for the estimated 2040 population an additional 175 acres of park land 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	60	24	50	20	24	5	2	2	8	5	2	8	8	55
2015 Existing	24	18	37*	3	6	0	0	0	3	1	1	8	0	55
2015 Needed	36	6	13	17	18	5	2	2	5	4	1	-	8	-
2040 Needed	15	6	12	5	6	1	1	-	2	1	1	2	2	-

\* This number includes 5 miles of trails inside the city limits along Brays Bayou under the Bayou Greenways 2020 (BG2020 Initiative).



## GUIDE FOR ESTIMATED COST OF NEW AMENITIES, PARK LAND, 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 park land 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 sqft 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.  
vThis 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	\$123,000,000	401 Acres- \$100,000,000	\$11,000,000	\$15,000,000
2040	\$46,000,000	175 Acres- \$42,000,000	\$74,000,000	\$4,000,000
TOTAL 2040	\$169,000,000	576 Acres- \$142,000,000	\$85,000,000	\$19,000,000



# PARK SECTOR 19 SUMMARY

## PARK SECTOR 19 PRIORITIES

These priorities were developed by using condition assessment information from site visits, standard-based needs analysis (NRPA standards and TPL ParkScore), 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. Develop new park facilities
4. Develop partnerships with the school system and other entities
5. Acquire new park land
6. Preserve environmentally sensitive areas

## RECOMMENDATIONS

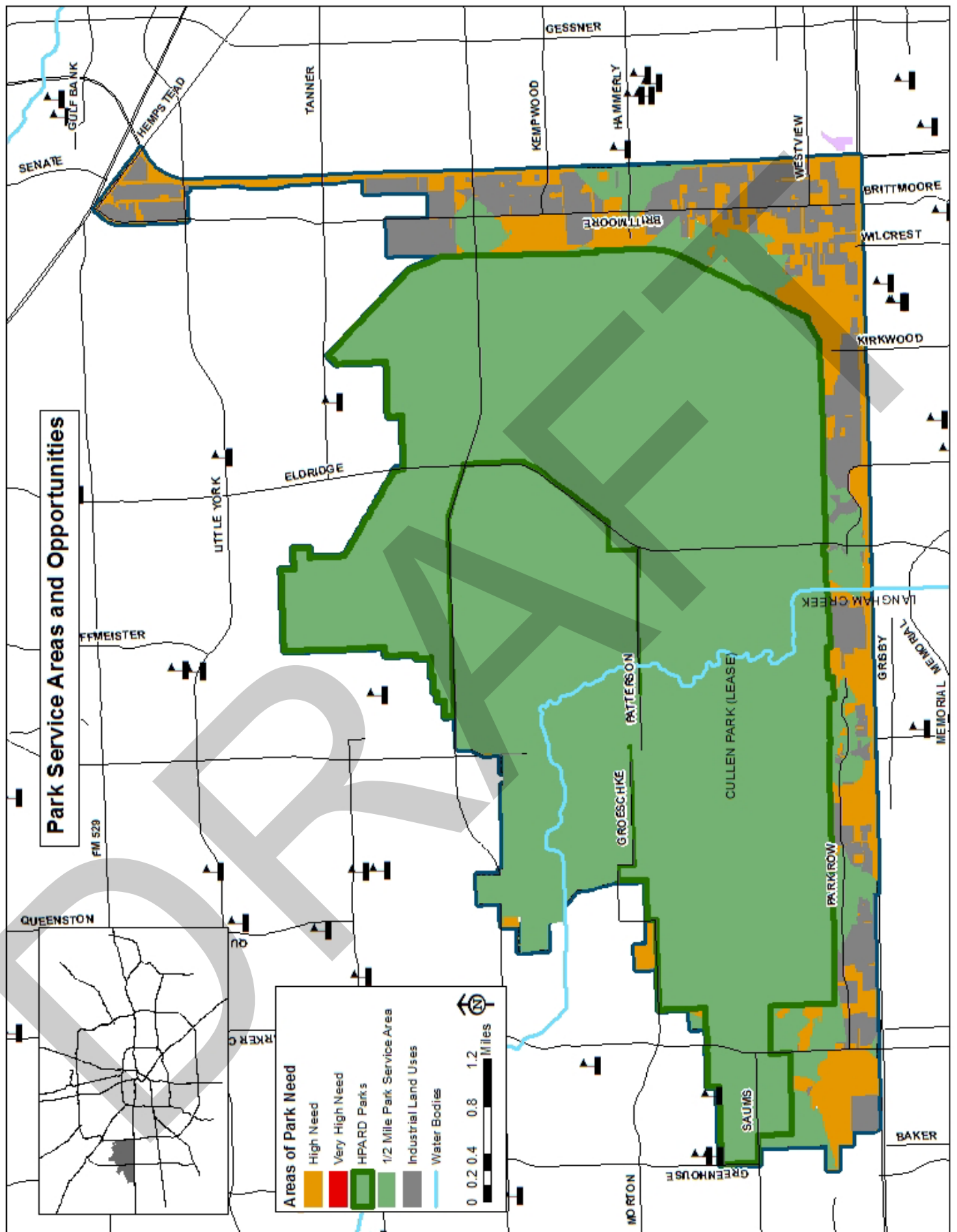
There is only one park, Cullen Park, in this Park Sector. There is no need for additional park land in this Park Sector based on the current population. However, additional connections for accessibility to Cullen Park from the neighboring residential areas are necessary. There are 13 miles of trails in Park Sector 19. With the extension of Terry Hershey trail north of I-10 and the trail to Cullen Park there are more opportunities for connectivity and additional trails around the Reservoir. The West Houston Trails Master Plan identified the need for several trail connections on the western portion of Cullen Park where some of the amenities of Cullen Park are located, as well as along South Mayde Creek and Langham Creek.

Existing equipment at Cullen Park should be targeted for renovation or replacement, such as the sprayground and playgrounds. This Park Sector is deficient in outdoor basketball courts, volleyball courts, community centers, and swimming pools.

In the 2014 survey, the top three priorities of residents in Park Sector 19 when asked what recreational needs existed in their neighborhood were: hike, bike and walk trails, open space and natural areas, and amphitheater/performing arts space. Other services and amenities that residents asked for in the write-in portion of the survey were: teen enrichment and volunteer programs, youth nature programs, fitness programs, adult tennis programs, archery programs, fishing activities, dance or theater programs, disc or frisbee golf, and senior programming. Over 36% of the population is obese compared to 30.1% for the City of Houston. Based on this health profile, partnerships focused on increasing physical activity levels and programming that promote healthy living should be explored.

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







## EXISTING COMMUNITY CENTERS AND POOLS

Facility Name	Address	Street	Total Acres	Trail Length
Regional Parks				
Cullen Park (Lease)	19008/ 18203	Saums/Groeschke	9,269.82	*7.30
Old Katy Hike and Bike Trail				2.30
<b>Total HPARD Regional Park Acreage</b>			<b>9,269.82</b>	
<b>Total HPARD Trail Length</b>				<b>9.60</b>

## 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).

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 grey, to specifically highlight residential and commercial areas of need. Roughly 10% of this Park Sector is not served by a park, which is dramatically lower than that of the entire city (55%).

## PARK SECTOR FACTS

- This Park Sector contains 12,350 acres of parkland (Harris County, HPARD & other providers). Of the 17,969 acres in this Park Sector, 69% of this acreage is parkland.
- There are roughly 15,000 residents.
- No need for additional park land is identified in this Park Sector
- H-GAC population projections estimate that this area will add over 15,000 residents by 2040.

## 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 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	7	14	13	2	2	1	1	1	1	1	1	16	4	33
2015 Existing	7	14	13	1	2	0	1	1	0	0	1	16	4	33
2015 Needed	-	-	-	1	-	1	-	-	1	1	-	-	-	-
2040 Needed	-	-	-	1	-	1	-	-	1	-	-	-	-	-



## GUIDE FOR ESTIMATED COST OF NEW AMENITIES, PARK LAND, 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 park land 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 sqft 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 per resident 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	\$5,000,000	0 Acres- \$0	\$5,500,000	\$1,000,000
2040	\$7,500,000	0 Acres- \$0	\$15,000,000	\$1,000,000
TOTAL 2040	\$12,500,000	0 Acres- \$0	\$20,500,000	\$2,000,000



# PARK SECTOR 20 SUMMARY

## PARK SECTOR 20 PRIORITIES

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

## RECOMMENDATIONS

There is only one park, Bordersville Park, in this Park Sector. The residential development is mostly located south of Rankin Road and east of Victory Drive since over 60% of the land use in the area is either industrial or related to the airport. An additional 35.5 acres of park land are needed northwestern and eastern portion of the Park Sector. Almost 73% of the population in this Park Sector has incomes considered to be low to moderate. Pursuing Community Development Block Grants (CDBG) for park acquisition and improvements should be a priority.

Park Sector 20 has a total of 3 miles of trails. There are approximately 1.5 miles of trails planned along Greens Bayou for this area through the Bayou Greenways Initiative (BG 2020). As there is no space in the only park in this Park Sector for further amenities, land acquisition should be prioritized in this area in the residential areas east of the airport.

The Greenspoint Tax Increment Reinvestment Zone (TIRZ) and Management Districts in the area have actively engaged in acquisition, redevelopment and or maintenance of parks. This is an effort that should continue in order to keep up with the demands and needs of the area.

This Park Sector is deficient in playgrounds, picnic shelters, trails, outdoor basketball courts, tennis courts, dog parks, skate parks, community centers, swimming pools, and softball and soccer fields. In the 2014 survey, the top three priorities of residents in Park Sector 20 when asked what recreational needs existed in their neighborhood were: hike, bike and walk trails, upgraded recreation centers, and playground areas. Other services and amenities that residents asked for in the write-in portion of the survey were: summer youth enrichment programs, youth nature programs, fitness programs, outdoor environmental education and camping, adult tennis programs, skateboarding facilities, and arts and crafts programs. Over 44% of the population in this Park Sector is obese compared to 30.1% for the City of Houston. Based on this health profile, partnerships focused on increasing levels of physical activity and programming that promotes healthy living should be explored.

**Sources:** 2010 Census, 2010 Houston Health 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	Street	Address	Total Acres	Trail Length
Pocket Parks				
Bordersville Park	19622	Carver Rd.	0.85	N/A
<b>Total HPARD Pocket Park Acreage</b>			<b>0.85</b>	
<b>Total HPARD Park Acreage</b>			<b>0.85</b>	
<b>Total HPARD Trail Length</b>				<b>N/A</b>

## 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 grey, to specifically highlight residential and commercial areas of need. Roughly 33% of this Park Sector is not served by a park, which is lower than that of the entire city (55%). 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 15 acres of parkland (Harris County, HPARD & other providers). Of the 16,986 acres in this Park Sector, less than 1% of this acreage is parkland.
- There are approximately 19,000 residents.
- Residential development is mostly located south of Rankin Road and east of Victory Drive, due to the fact that over 60% of the land use in the area is either industrial or related to the airport
- An additional 36 acres of park land are needed. The map shows high need in western and eastern 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 13,000 residents by 2040. To meet the park land needs for the estimated 2040 population an additional 35 acres of park land 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 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	5	2	4	2	2	1	1	1	1	1	1	1	1	2
2015 Existing	3	1	4*	1	0	1	0	0	0	0	1	1	0	1
2015 Needed	2	1	-	1	2	-	1	1	1	1	-	-	1	1
2040 Needed	3	1	3	1	1	1	-	-	-	1	-	-	-	1

\* This number includes 1.5 miles of trail currently planned along Greens Bayou included in the Bayou Greenways Initiative, (BG2020 Initiative).

## GUIDE FOR ESTIMATED COST OF NEW AMENITIES, PARK LAND, 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 park land 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 sqft 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 per resident 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	\$11,000,000	36 Acres- \$2,500,000	\$1,000,000	\$1,200,000
2040	\$11,000,000	35 Acres- \$2,500,000	\$7,000,000	\$800,000
TOTAL 2040	\$22,000,000	71 Acres- \$5,000,000	\$8,000,000	\$2,000,000



# PARK SECTOR 21 SUMMARY

## PARK SECTOR 21 PRIORITIES

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

## RECOMMENDATIONS

Williams Park in this Park Sector has the greatest need for redevelopment. However, the Sterling Knoll Association is responsible for maintenance until 2029. The only two other HPARD parks in this sector, Sagemont Park and Rodriguez (Sylvan) Park, both recently received renovations.

Currently, there is no need for additional park land because of the low population in the area. However, there are areas of need with no access to parks, which are closest to Beltway 8, I-45 and Scarsdale. Schools not participating in the SPARK School Park Program (Non-SPARK schools) should be explored as potential future partnerships for park space. Areas west of I-45 and north of Dixie Farm Road would seem to particularly benefit from additional Spark Parks. There is a high percentage of undeveloped and agricultural land in this Park Sector which could be conserved for future park use. The development of private parks seems to be keeping up with the demand for park land. Encouraging developers to continue to provide private parks in the new development would help to maintain the balance as this area grows. There are currently four trails maintained by the Home Owner Associations (HOAs) in this Park Sector.

This Park Sector is deficient in playgrounds, picnic shelters, trails, volleyball courts, dog parks, skate parks, community centers, spraygrounds, and softball fields. There is space at Rodriguez (Sylvan) Park for the possible development of amenities in the future. In the 2014 survey, the top three priorities of residents in Park Sector 21 when asked what recreational needs existed in their neighborhood were: hike, bike and walk trails, open space and natural areas, and spraygrounds or swimming pool facilities. Other services and amenities that residents asked for in the write-in portion of the survey were: archery programs, outdoor environmental education and camping, fitness programs, swim lessons, fishing activities, arts and crafts programs, and youth nature programs.

**Sources:** 2010 Census, 2010 Houston Health 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
Neighborhood Parks				
Sagemont Park	11507	Hughes	8.30	N/A
<b>Total HPARD Pocket Park Acreage</b>			<b>8.30</b>	
Community Parks				
Rodriguez (Sylvan) Park	1201	Clear Lake City Blvd.	111.46	1.10
<b>Total HPARD Pocket Park Acreage</b>			<b>111.46</b>	
<b>Total HPARD Park Acreage</b>			<b>119.80</b>	
<b>Total HPARD Trail Length</b>				<b>0.37</b>

## EXISTING COMMUNITY CENTERS AND POOLS

Community Centers and Pool Facilities	Address	Zip Code	Agency Responsible
Clear Lake Neighborhood Pools	Various Locations	Various	HOAs/Neighborhood Associations
Sagemont Community Center and Pool	11507 Hughes	77089	HPARD

## 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 grey, to specifically highlight residential and commercial areas of need. Because of the development of private parks, most of the single family residential areas have access to park maintained by the HOAs. 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 328 acres of parkland (Harris County, HPARD & other providers). Of the 21,111 acres in this Park Sector, 2% of this acreage is parkland.
- There are approximately 72,000 residents, almost 55% of the population is Non-Hispanic White.
- According to the park land standards of people per 1,000 acres of park land, there is no need for additional park land because of the low population in the area. Due to the low population density of this Park Sector, some areas still show a need closest to Beltway 8 and around I-45 and Scarsdale; however, many of these areas have very little or no residential development.
- Park Sector 21 has a total of 7 miles of trails. There are four trails maintained by the HOAs.
- H-GAC population projections estimate that this area will add over 20,000 residents by 2040. To meet the park land needs for the estimated 2040 population an additional 8 acres of park land will be needed.



## NEEDS ASSESSMENT FOR AMENITIES IN PARK SECTOR

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2015 Goal	18	7	14	6	32	2	1	1	2	13	1	8	2	10
2015 Existing	15	3	7	6	32	0	0	0	1	13	0	8	1	10
2015 Needed	3	4	7	-	-	2	1	1	1	-	1	-	1	-
2040 Needed	5	2	4	2	-	1	-	-	1	-	-	-	1	-

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

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	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	\$18,000,000	0 Acres- \$0	\$5,000,000	\$5,000,000
2040	\$15,000,000	8 Acres- \$520,000	\$19,000,000	\$1,000,000
TOTAL 2040	\$33,000,000	\$520,000	\$24,000,000	\$6,000,000