



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 parkland
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 Health of Houston 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 HPARD Pocket Park Acreage			2.57	
Neighborhood Parks				
Avenue Place 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 HPARD Neighborhood Park Acreage			38.50	
Community Parks				
Moody Park	3725	Fulton	34.90	0.94
Total HPARD 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 gray, to specifically highlight residential and commercial areas of need. Approximately 20% of the area in this Park Sector is in need of parkland accessible within a ½ mile, as compared to the 55% of the population of the City of Houston who need park access. Non-SPARK schools are indicated on the map as black flags to explore as potential future partnerships for park space.

PARK SECTOR FACTS

- This Park Sector contains 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 parkland 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 parkland will be needed.

NEEDS ASSESSMENT FOR AMENITIES IN PARK SECTOR

The table below shows the total existing amenities (including, HPARD, County and SPARK Parks) as of 2015, the target goal per amenity, and the amenities needed based on population standards for each amenity using 2010 US Census Population. The last row shows the estimated number of amenities needed based on the H-GAC population projections for 2040 and 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	27	10	11	16	6	2	1	1	4	2	2	7	2	6
2015 Existing	27	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 4.55 miles of trails currently planned along Hunting Bayou under the Bayou Greenways Initiative (BG2020).

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

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

1. **Cost of New System Amenities:** This is the estimated cost for amenities based on the needs assessment above. Costs are estimated for 2015 and 2040 based on costs of 2014 HPARD projects. These costs are a guide and do not include site specific constraints such as utility extensions, flood mitigation or the purchase of land if expansion of the park was needed for these amenities.
2. **Cost of Park Land:** This is the land needed to meet the parkland standards for 2015 and 2040 based on the 2010 US Census and the H-GAC estimated population projections respectively. Land costs are based on land values by Park Sector, provided by H-GAC, from 2014 HCAD values for properties greater than 5,000 sq ft in size and with no structures.
3. **Cost of HPARD Amenity Renovation:** The 2015 cost estimate is based on the assessment that 30% of the existing facilities in this Park Sector need renovation. The 2040 cost estimate is based on the assessment that the remaining 2/3 of the facilities from 2015 and 30% of the new facilities will need renovation to meet the population growth. Costs are estimated for 2015 and 2040 based on costs of 2014 HPARD projects.
4. **Annual Operation & Maintenance:** This figure is based on the national average for parks and recreation operational spending amount (\$63) per resident in 2013 according the Trust for Public Land publication "2014 City Park Facts." Houston spent \$29 per resident on parks and recreation 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 PROFILE 17

LOCATION AND POLITICAL BOUNDARIES

Park Sector 17 is located inside and south of the 610 loop, east of IH-45, and north of IH-10.

Park Sector size: 9,638 acres or 15.1 square miles

Population: approximately 58,256 people, Density: approximately 3,858 persons/sq. mi.

Political boundaries with Park Sector 17:

- Council Districts: H and B
- Harris County Precinct: 1 and 2
- Super neighborhoods: Northside Village, Kashmere Gardens, Greater Fifth Ward, Denver Harbor/ Port Houston, Pleasantville Area, Downtown and Settegast
- Tax Increment Reinvestment Zones: Hardy/Near Northside (21) and Fifth Ward (18)
- Management Districts: Greater Northside

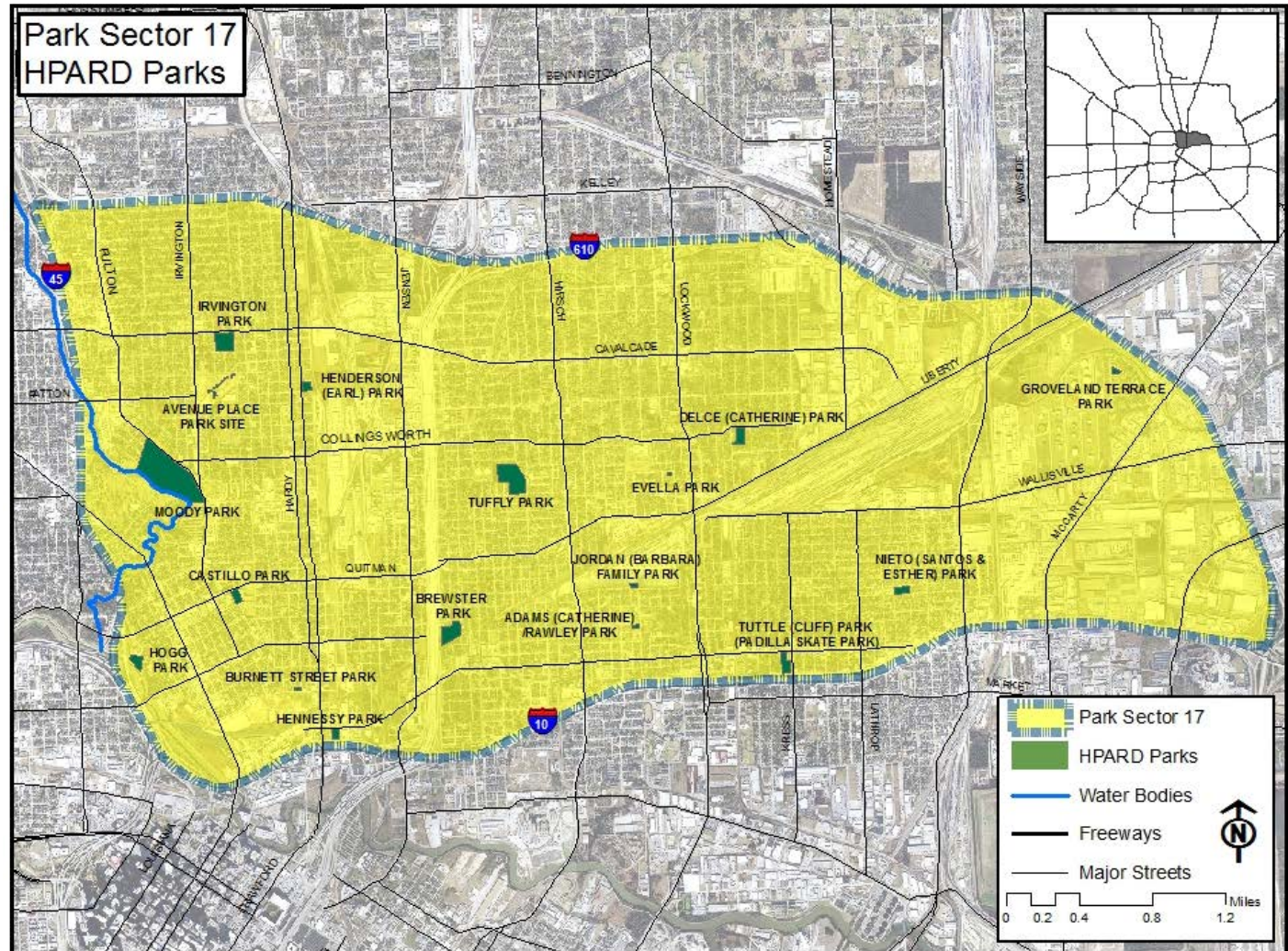


FIGURE 1. PARK SECTOR 17 BOUNDARY AND HPARD PARKS

DEMOGRAPHIC PROFILE

Ethnicity

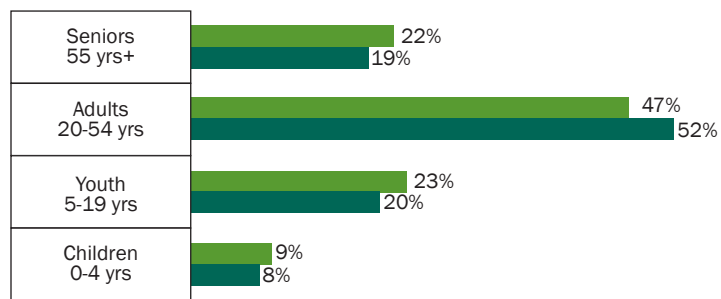
	Park Sector 17 Population	Park Sector 17 Percent of Total	Houston Population	Houston Percent of Total
Total Population	58,256	-	2,119,831	-
Hispanic or Latino	37,794	64.9%	919,668	43.8%
Non-Hispanic White	2,650	4.5%	537,901	25.6%
Non-Hispanic Black	17,204	29.5%	485,956	23.1%
Non-Hispanic American-Indian	111	0.2%	126,098	6.1%
Non-Hispanic Asian	179	0.3%		
Non-Hispanic Hawaiian or Pacific Islander	13	0.0%		
Non-Hispanic Some Other Race	80	0.1%	26,828	1.3%

TABLE 1. PARK SECTOR 17 ETHNICITY (2010 CENSUS & CITY OF HOUSTON PLANNING AND DEVELOPMENT DEMOGRAPHIC DATA)

This Park Sector contains about 2.8% of the population of Houston; the majority (65%) of the residents are Hispanic/Latino, followed by Non-Hispanic Blacks (30%), with other ethnic groups making up 5% of the population. The population distribution within the Park Sector is approximately 45% west of US 59; the census tracts with higher population about IH-45. The Park Sector portion west of US 59 carries approximately 55% percent of the population which is almost equally divided north and south of Wallisville Rd.

Population by Age

■ Park Sector 17 ■ City of Houston



The age profile for this Park Sector shows that the percent of population under 19 is slightly higher (28%) than that of the rest of the city (26%). Further breakdown of the age groups reveals that the percent of children, youth and seniors (55+ yrs as defined for HPARD programming) is higher in proportion to that of the City of Houston, and the young adult (20-34 yrs) population for this Park Sector is slightly lower than the percent for that of Houston. These demographic trends can help inform future programming and park improvements.

FIGURE 2. CITY OF HOUSTON VS. PARK SECTOR 17 AGE CITY OF HOUSTON ORTS BY HPARD PROGRAM AGES (2011 AMERICAN COMMUNITY SURVEY, CITY OF HOUSTON PD)

Program Group	Age Groups	PS 17 Population	PS 17 Percent of Total	Program Age Group	City of Houston Population	City of Houston Percent of Total	Program Age Group
Children	0-4 yrs	5,049	9%	9%	166,066	8%	8%
Youth	5-9 yrs	4,681	8%	23%	148,843	7%	21%
	10-14 yrs	4,312	7%		135,622	7%	
	15-19 yrs	4,610	8%		140,673	7%	
Adults	20-34 yrs	12,239	21%	47%	539,348	26%	52%
	35-44 yrs	7,478	13%		286,117	14%	
	45-54 yrs	8,068	14%		265,060	13%	
Senior	55-64 yrs	6,217	10%	22%	204,852	10%	19%
	65 yrs +	6,647	11%		192,689	9%	

TABLE 2. CITY OF HOUSTON VS. PARK SECTOR 17 AGE CITY OF HOUSTON ORTS WITH FURTHER BREAKDOWN FOR ALL PROGRAM AGE GROUPS



Housing

There are a total of 22,608 housing units in this Park Sector. The percent of vacant housing in Park Sector 17 (16%) is higher in this Park Sector as compared to the vacancy rates for the entire city (12%). Home ownership rate for this Park Sector (38%) is lower than that of the City of Houston (40%). According to the Northside Livable Center Plan (which covers a small portion of Park Sector 17 along the western boundary) the expected population growth for the area closest to downtown is 3.5% through 2035. Areas along IH-45 will experience annual growth of 0.5%-1.5%.

Income

The median household income for this Park Sector is \$23,204, the lowest of all Park Sectors in the city. Over 80% or 17,779 of the households in this area have an income below the Houston median household income (\$48,322).

Educational Attainment

Within Park Sector 17 the percent (31%) of individuals 25+ years of age with a high school degree is significantly higher than the relative percent for the entire City of Houston (23%). Conversely, almost twice the population 25 years or older (48%) do not have a high school diploma compared to the same population for the City of Houston (26%).

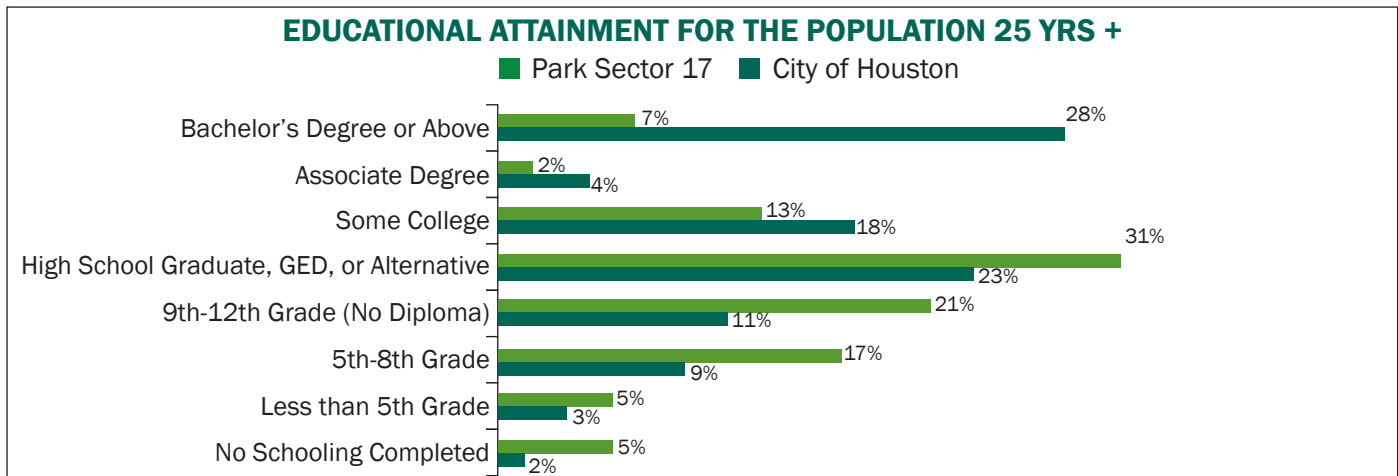


FIGURE 3. EDUCATIONAL ATTAINMENT (2011 CITY OF HOUSTON PD)

Community Health

The Health of Houston Survey 2010 data (aggregated by Park Sector by the Houston Department of Health and Human Services) shows that 49.0% of the adult population in this Park Sector is considered obese, as compared to 30.8% for the entire population of the City of Houston. The survey also showed that 26.1% of the adult population received a diagnosis of diabetes by a professional, which is more than double the level for the entire city (11.4%). In addition, this survey inquired about physical activity level and the results indicate that 37% of the respondents in this Park Sector engage in a moderate physical activity for 5 or more days a week, which is higher than that of the entire city (32%). The national initiative, Healthy People 2020, has a goal to increase the amount of adults who engage in moderate physical activity for at least 5 days a week for 30 minutes to 47.9% of the population. The current national average of adults engaging in this level of aerobic activity is 43.5%.

Finally, the survey shows that 24.9% of the population does not engage in moderate physical activity at all, which is about the slightly higher than the rate for the entire city (21.2%). As HPARD plans and prioritizes investments for future parks and trails, it should take into account the accessibility of parks, amenities provided and the impact to the health of the community in the long term. HPARD is an active participant in the Healthy Communities Initiative, Community Transformation Initiative, Healthy Kids Houston, and the Sustainable Communities Houston-Galveston Regional Plan, among other efforts. This involvement should continue with an emphasis on partnerships, measurable outcomes, and engagement with the community to encourage physical activity and help identify physical barriers to park access.

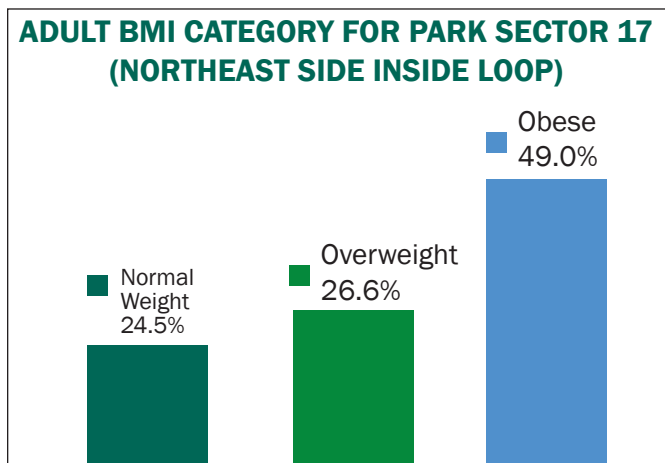


FIGURE 4. HEALTH OF HOUSTON SURVEY (2010)- ADULT BODY MASS INDEX

Moderate Physical Activity in the Last Seven Days	Percentage (%)
0	24.90
1	5.30
2	16.20
3	9.40
4	7.30
5	9.90
6	3.60
7	23.40

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

LAND USE ANALYSIS

	Acreage of Parcels	Percent of Acreage
Single-Family	2,457	35.4%
Multi-Family	96	1.4%
Commercial	293	4.2%
Office	22	0.3%
Industrial	1,721	24.8%
Public & Institutional	121	1.7%
Transportation	337	4.9%
Parks & Open Space	0.20	0.003%
Undeveloped	1,887	27.2%
Agriculture Production	0.4	0.006%
TOTAL	6,935	

TABLE 4. LAND USE BY DESCRIPTION (2012 HCAD)

The average cost of land per square foot is low compared to other parts of the city inside the 610 loop. This may provide an opportunity to purchase distressed properties and use them as open space thus increasing the pervious cover along both Little White Oak and Hunting Bayous.

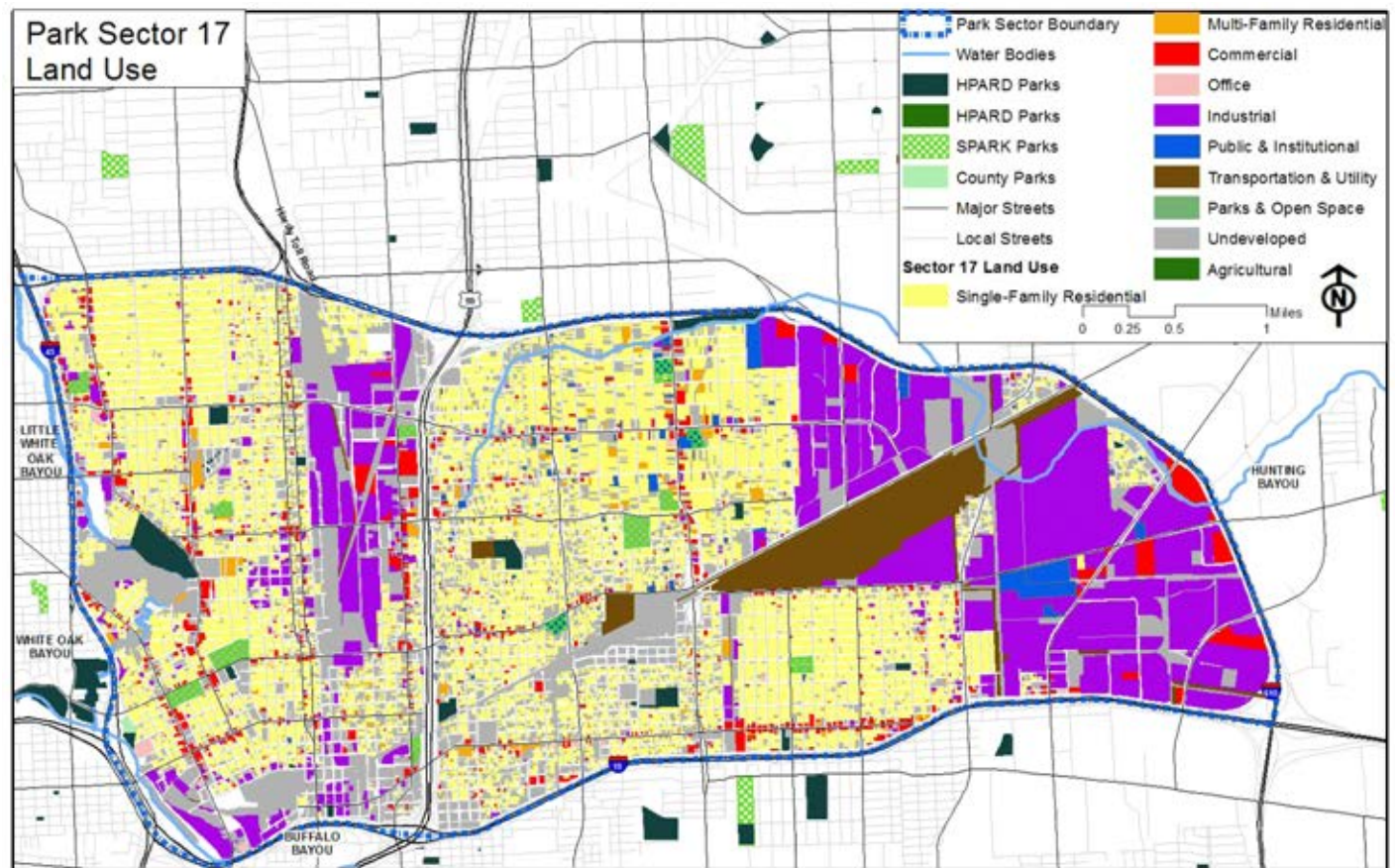


FIGURE 5. PARK SECTOR 17 LAND USE MAP (2013 HCAD) AND HPARD, COUNTY, AND SPARK PARKS

According to HCAD approximately one-third of the parcel land use is single-family while almost a quarter of the land of the total acreage in the Park Sector is industrial. The land use map shows the impact of the industrial parcels, rail yards, and Highway 59 on the circulation within this Park Sector. With over a quarter of the land classified as undeveloped, the opportunities to expand parkland in this Park Sector should be explored.

Some of the properties identified as undeveloped appear to be used for railroad and other purposes: east of Hardy Road are parcels that belong to Harris County for the construction of the Hardy Toll Road, areas southwest of Moody Park toward I-45 are the Historic Hollywood Cemetery, and parcels southeast of Moody Park represent the Looscan Elementary School, and undeveloped parcels between Waco and Lockwood along the rail are property of the Southern Pacific Railroad Company. A 47-acre parcel on the southwest portion of Sector 17 is slated to become the Hardy Yards Redevelopment project with 3,000 dwelling units projected along with 120,000 sq ft of retail space and 500,000 sq ft of office space. In addition, the rail may have some impact on the land use along the rail corridor.



HPARD PARKS AND TRAILS

The Houston Parks and Recreation Department operates 17 parks in the area totaling 76 acres of parkland. Harris County operates 5 parks in the area totaling 20.1 acres of parkland and the Fifth Ward Community Redevelopment Corporation (CRC) operates a 0.5 acre park free to the public in this area. Harris County and HPARD have inter-local agreements regarding maintenance and operation for Boyce-Dorian and Hutcheson Parks.

Facility Name	Address	Street	Total Acres	Trail Length
Pocket Parks				
Adams (Catherine)/Rawley Park	4800	Rawley	0.40	N/A
Burnett St. Park	1500	Burnett	0.40	N/A
Evella Park	5210	Evella	0.23	N/A
Hogg Park	2211	South	0.85	N/A
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Hennessey Park	1900	Lyons Ave	1.40	0.20
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Moody Park	3725	Fulton	34.90	0.94
Total HPARD 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			1.2
Houston Heritage West Connectors to Main St (Future)	Hogg Park to Quitman, HH to Pickney			0.4
				1.6
Total HPARD Trail Length			3.65	

TABLE 5. HPARD PARKS, ACREAGE, AND TRAILS INTERNAL TO HPARD PARKS, BAYOU AND URBAN/SHARED USE TRAILS IN PARK SECTOR 17

Figure 7 shows the existing shared bike lanes/shared routes, trails, proposed extensions from Houston Heritage Trails and the expansion of Hunting Bayou Trail in accordance with the Bayou Greenway Initiative (BG2020). Currently, HPARD maintains 2.05 miles of trails inside parks and 1.2 miles along White Oak Bayou (Houston Heritage West), HISD maintains 0.5 miles (tracks) inside 2 SPARK Parks in the Park Sector, and Harris County maintains a total of 2.75 miles of trails inside parks and along Hunting Bayou. There are 6.9 miles of trails in this Park Sector.



FIGURE 6. PARK SECTOR 17 BAYOU TRAILS, ON- AND OFF-STREET BIKEWAY SYSTEM (PWE), HPARD, COUNTY, SPARK, PRIVATE PARKS, BIKE/PED BRIDGES AND LIGHT RAIL

A measure of sustainability, according to the “Measuring Sustainability: Project Houston” report, is the number of miles of Bayou Greenway Trails completed (Blackburn, 2009). At build-out, this Park Sector would have 6.7 miles of BG2020 trails (5.7 on Hunting Bayou, including the 1.1 mile just outside of Park Sector 17, and 1 mile on White Oak Bayou). So far, 2.2 miles or 33% of the BG2020 are existing and 0.95 miles are proposed from Hutcheson Park to Broyles (fork) and 3.6 miles from 610 to Hutcheson. To meet the standard of 0.2 miles of trails per 1,000 residents, this Park Sector would need an additional 5 miles of trails. The completion of Hunting Bayou trail (4.55 miles) would leave a need for 0.25 miles of trail.

Furthermore, a measure of connectivity between the light rail, bikeways, trails and parks would help us better understand gaps in the system for future trails and amenities, but as of now this analysis has not been completed. Through the TIGER grant, the Houston Heritage trail will connect to an existing network of on-street bike lanes and to the North rail line, providing a unique opportunity of transportation choices for residents in this area. Partnerships for maintenance responsibility of the Houston Heritage West Trail and the new trail connections with the TIRZ 21 – Hardy/Near Northside should be explored. Additional on-street connections should be made through residential streets that have low traffic volume, thus providing a safe route for bikers and pedestrians. There are four existing pedestrian TXDOT bridges crossing I-10 with different condition and safety challenges, but one or more may present an opportunity for north-south connectivity for bicyclists and pedestrians.

County Parks and Trails

County Park				
Facility Name	Address	Street	Total Acres	Trail Length
Boyce-Dorian Park* maintenance agreement	2000	Erastus	9.56	0.40
Hunting Bayou Hike & Bike Trail	Along	Bayou (610 to Cavalcade)	3.60	1.1
Hutcheson Park* maintenance agreement	5400	Lockwood	3.65	1.25
Leonel J. Castillo Community Center	13828	Corpus Christi	3.22	N/A
Mickey Leland Memorial Park	3701	Cavalcade	0.07	N/A
Total HC Park Acreage			20.1	
Total HC Trail Length				2.75

TABLE 6. TRAILS INTERNAL TO COUNTY PARKS, BAYOU AND URBAN/SHARED USE TRAILS IN PARK SECTOR 17

SPARK Parks

There are 10 Elementary Schools, one Middle School and one High School participating in the SPARK Program providing access to park space and a variety of amenities to the public. For the purpose of this Master Plan, these playgrounds will be assumed to serve the 5-12 year old population.

SPARK Parks				
Facility Name	Address	Street	Total Acres*	Amenities
Concord Elementary School	5426	Cavalcade St	4.58	Playground
Crawford Elementary School	0	Schwartz St	3.16	Playground
Davis High School	1101	Quitman St	12.67	2 Tennis Courts, 0.25 mile track, 360' Football field
Dogan Elementary School	4202	Liberty Rd	5.12	Playground
Eliot Elementary School	6411	Laredo St	5.45	Playground
Fleming Middle School	4800	Collingsworth St	14.41	3 Half Basketball courts (uncovered), 0.25 mile track (lit)
Isaacs Elementary School	3830	Pickfair St	5.2	Playground
Jefferson Elementary School	5000	Sharman St	6.14	Playground
Kashmere Gardens Elementary School	4805	Lockwood Dr	6.94	Playground
Ketelsen Elementary School	0	Henry St	9.17	Playground
Looscan Elementary School	3800	Robertson St	4.94	Playground
Ross Elementary School	0	Jensen	3.74	Playground
Total Acres*			81.52	

TABLE 7. SPARK PARK ELEMENTARY, MIDDLE AND HIGH SCHOOLS FOR PARK SECTOR 17 BASED ON DATA PROVIDED ON 2011 BY THE SPARK PROGRAM
*Acreage is overstated because it is based on the parcel corresponding to entire school and not the SPARK Park only.

Open and Green Space

To determine level of service, the 2007 Master Plan outlined standard distances based on park classification as well as population. Analysis in this section will be done based on population (acres/1,000 people) as well as park accessibility within a ½ mile radius using data provided by The Trust for Public Land ParkScore™ Project. The table below shows the level of service (LOS) based on the 2007 HPARD Master Plan recommended standards of a number of acres per 1,000 people using the 2010 Census population. According to the HPARD recommended Standards per park type (2007 HPARD Master Plan Criteria Facility Needs): 0.1 acres/1,000 people for a Pocket park, this Park Sector needs 2.69 acres of parkland. If Harris County park acreage is included when calculating the LOS, additional 0.01 acres of Neighborhood and 52.48 acres of Community Parks are needed in Sector 17 totaling 55.17 acres of these park types. The chart below does not list Regional Parks because generally Regional Parks serve the entire city. It is important to note that Herman Brown Park (Signature/Regional Park) is less than 1 mile from the eastern boundary of this Park Sector. The analysis for level of service and needs is shown on the table below.

Park Type	HPARD Park Number	HC Park Number	Other Providers	HPARD Acreage	County Acreage	Other Providers	Total Park Acreage	HPARD Recommended Standard	Current HPARD LOS	Current Total Inventory LOS	HPARD NEED (2010 Population)	Total Inventory NEED 2010 Population
Population											58,256	
Pocket Park (<1 acre)	5	1	1	2.57	0.07	0.5	3.14	0.1 ac/1,000 people	0.04	0.05	3.26	2.69
Neighborhood Park (1-15 acres)	11	4	0	38.5	20.03	0	58.25	1 ac/1,000 people	0.67	1.01	19.5	0
Community Park (16-150 acres)	1	0	0	34.9	0	0	34.90	1.5 ac/1,000 people	0.60	0.60	52.48	52.48
TOTAL	17	5	1	75.7	20.1	0.5	96.29				75.2	55.2

TABLE 9. HPARD LOS AND PARKLAND NEED ANALYSIS
A negative number in the last two columns means there is a surplus, a positive number means there is a need.

The only Community Park (16-150 acres, 5 mile service area) in this Park Sector is Moody Park (34.9 acres). However, Tuffly Park (11.32 acres), classified as a Neighborhood Park (1-5 acres, ½ mile service area), acts as a Community Park since it has facilities fitted for such park classification: community center, lit field, pool, and multi-use pavilion. Tuffly Community Center is located directly across from Scott Elementary and 0.4 miles from Dogan Elementary. The facilities condition report states that Tuffly is in fair condition, upgrading or replacing Tuffly Community Center should be considered. According to 2012 community center attendance by zip code, residents from zip codes northeast and south of this Park Sector participated in programs at Tuffly Community Center. Consideration should be given to the expansion of the park by acquiring some vacant lots adjacent to the property since it appears to serve the eastern portion of the Sector which contains roughly 55% of the population.

Another way to measure the level of service provided is by looking at a “walkable” distance (½ mile radius) from the park regardless of the size of the park. The Rice University Shell Center for Sustainability published the Houston Sustainable Development Indicators: A Comprehensive Development Review for Citizens, Analysts and Decision Makers and used 1/4 of a mile distance of persons living from a park as a sustainability indicator for quality of life and determined that 44% of residents have access to a public space (King, 2012). The Trust for Public Land (Trust for Public Land (TPL)) ParkScore™ Project study mapped the park needs of the City of Houston based on accessibility by density, age and income. The methodology used by Trust for Public Land (TPL) ParkScore™ Project factors in accessibility to a public park within ½ mile considering freeways and major thoroughfares as barriers to park access. Trust for Public Land (TPL) ParkScore™ Project found that 45% of residents have access to public spaces (Trust for Public Land (TPL), 2012). The map shown here (Figure 6) was produced using data provided by the Trust for Public Land (TPL) ParkScore™ Project. The areas in green on the map below represent that areas within ½ mile of existing parks not blocked by freeways or major roads; the hatched area represents the service area of a publicly accessible (owned, developed and maintained by the Fifth Ward Redevelopment Corporation) park that was not accounted for when the Trust for Public Land (TPL) ParkScore™ data was produced. It is clear that this new park (not owned or managed by HPARD) has met a need for this area. Roughly 20% of the live/play areas (residential= yellow and orange and some commercial= red) in this Park Sector are not served by a park, lower than that of the entire city (55%). This percentage was calculated by subtracting the areas served, industrial areas, and acreage of private parks from the total acreage of the Park Sector. The hatched areas are not accounted in the percentage for the areas served at this time, so the service area percentage is underestimated.

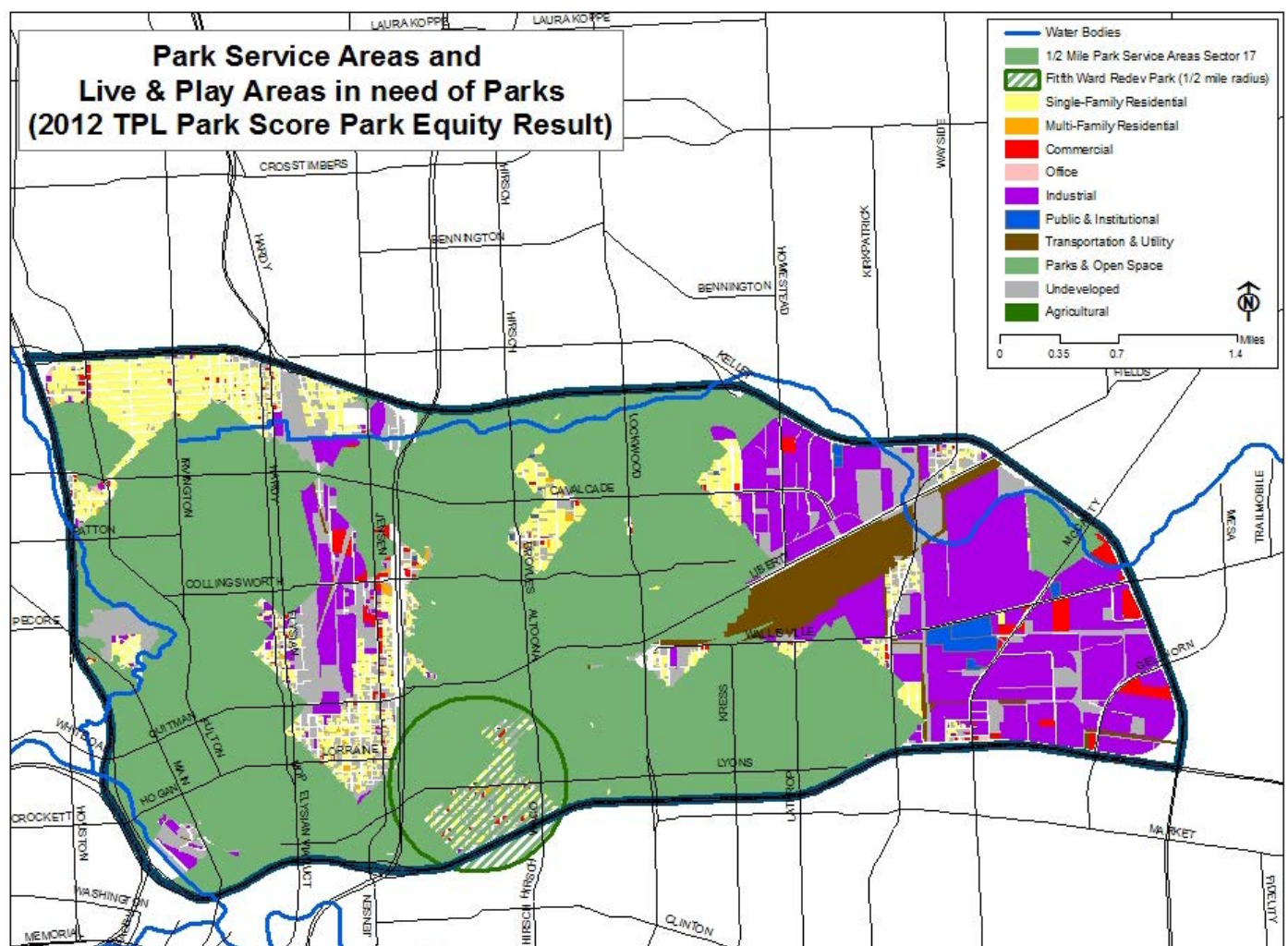


FIGURE 7. PARK SECTOR 17 PARK SERVICE AREAS (1/2 MILES ACCESS) AND LIVE/PLAY AREAS OF NEED

The construction of the Leonel J. Castillo Community Center was completed early 2014. This community center serves a growing population in this area where most of the growth is expected to occur with the advent of the Hardy Yards Redevelopment, the North Rail line and the connections to the hike and bike trail in the area.



AMENITIES AND SERVICES

This map shows some of the community services available in this area: community centers, multi-service and health centers, transit centers, schools, libraries, and YMCAs. Two HPARD community centers are located in this Park Sector: Moody and Tuffly Community Centers. The Fifth Ward Multi-Service Center, which is owned and operated by the City of Houston is also located in this Park Sector and is a prime community gathering place. It contains meeting rooms, a gymnasium, and an auditorium. A number of nonprofit organizations have office space in the facility. The Kashmere Multi-Service Center is also in this Park Sector, which is owned and operated by the City of Houston, and includes meeting space, an auditorium, and a community garden managed by Neighborhood volunteers and gardeners. The nearby J. W. Peavy Senior Center is owned by the City of Houston and operated by Neighborhood Centers, Inc. This center provides services for elderly citizens and also is home to a Neighborhood-managed community garden. The Julia C. Hester House is an institution and community center that provides educational, recreational, and social services to the Fifth Ward community. It provides a variety of services that include after-school programs for children, senior services, adult education, and case management. The MD Anderson YMCA is also located in this Park Sector. Two active Community Development Corporations operate in this area to provide affordable housing and other services: Avenue Community Development Corporation and Fifth Ward Redevelopment Corporation. The libraries in this Park Sector provide computer access, community meeting space, and educational programs.

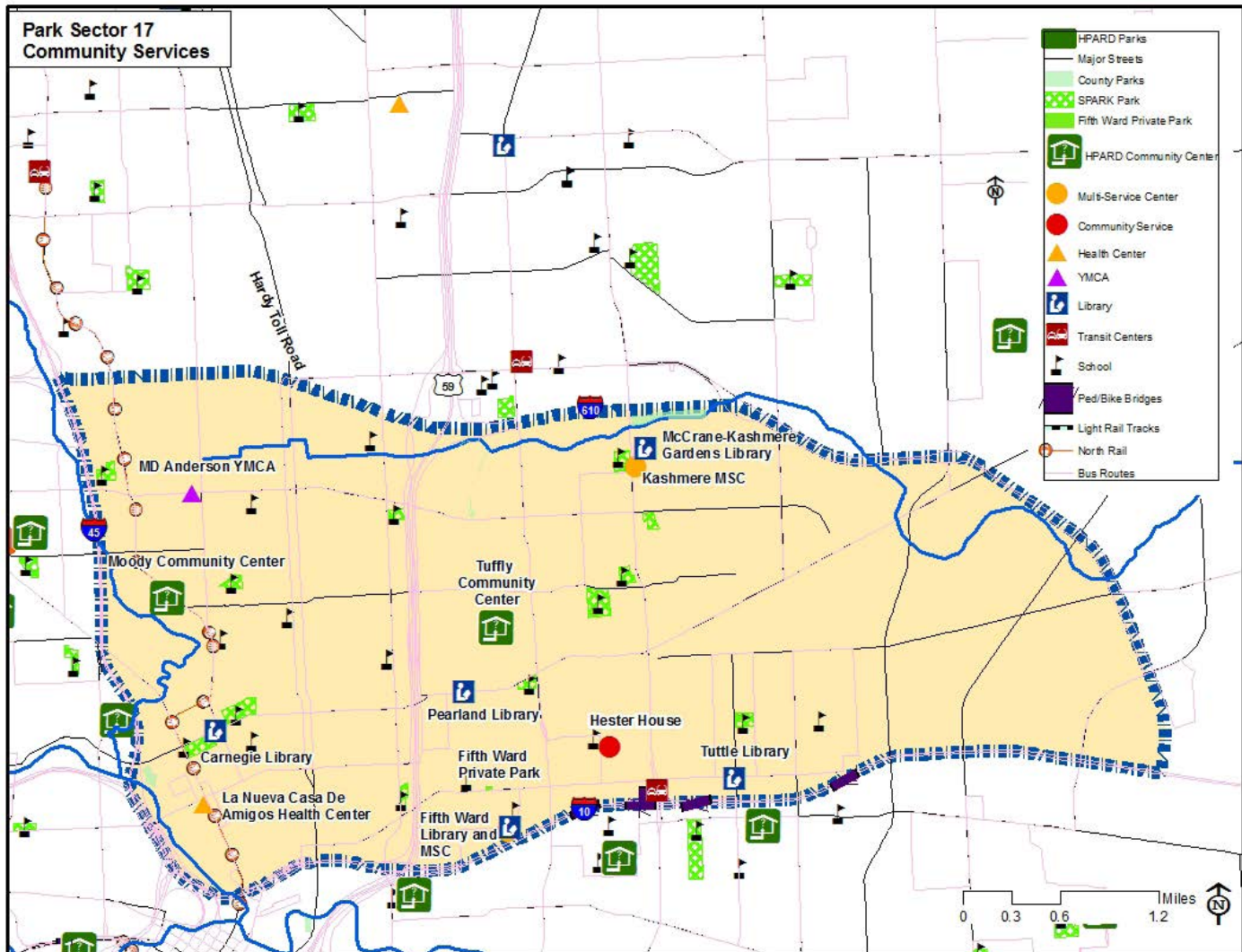


FIGURE 8. PARK SECTOR 17 COMMUNITY SERVICES AND PUBLIC TRANSIT

Amenities - Level of Service

The 2007 HPARD Master Plan standards by amenity have been applied to the amenities in Park Sector 17. The standard for each amenity is then compared to the 2010 Census population data for this Park Sector to determine if the standard has been met or if more amenities are needed. The last two columns show the number of facilities needed to meet the standard using HPARD inventory only and using all providers in the Park Sector. According to the recommended HPARD standards, Harris County and other providers are meeting the needs of the residents for the following facilities: playgrounds, picnic shelters, basketball courts, skate parks, community centers, swimming pools, outdoor spray grounds and baseball fields. This Park Sector is deficient in trails (5 miles), tennis courts (3), Volleyball Courts (2), Softball fields (1) and Soccer fields (2). The current parks in this Park Sector would not support the number of fields shown in the Total Inventory Needs, so land acquisition (preferably land to expand current parks or purchase of large tracts) to develop some of these amenities.

	HPARD	Harris County	Other Providers	Total	Recommended HPARD Standard		Current HPARD Level of Service		Current Total Inventory Level of Service		HPARD NEEDS Over/ Under Service	Total Inventory NEEDS Over/ Under Standard
Population									58,256			
Playgrounds	14	2	11	27	1	4,000	1	4,161	1	2,158	1	-12
Picnic Shelters	9	1	0	10	1	10,000	1	6,473	1	5,826	-3	-10
Trails	3.65	2.75	0.5	6.9	0.2	1,000	0.06	1,000	0.12	1,000	8	5
Outdoor Basketball Courts	16	0	0	16	1	12,000	1	3,641	1	3,641	-11	-11
Tennis	2	1	0	3	1	10,000	1	29,128	1	19,419	4	3
Volleyball	0	0	0	0	1	50,000	0	58,256	0	58,256	2	2
Dog Parks	0	0	0	0	1	100,000	0	58,256	0	58,256	1	1
Skate Parks	1	0	0	1	1	100,000	1	58,256	1	58,256	0	0
Community Centers	2	1	1	4	1	30,000	1	29,128	1	14,564	0	-2
Swimming Pools	2	0	0	2	1	50,000	1	29,128	1	29,128	-1	-1
Outdoor Spraygrounds	1	0	1	2	1	100,000	1	58,256	1	29,128	0	-1
Baseball (Lit & Unlit)	7	0	0	7	1 field	30,000	1	19,419	1	8,322	-5	-5
Softball (Lit & Unlit)	1	0	0	1	1 field	30,000	1	58,256	1	58,256	1	1
Soccer (Lit & Unlit)	4	0	0	4	1 field	10,000	1	14,564	1	14,564	2	2

TABLE 9. LEVEL OF SERVICE FOR AMENITIES IN PARK SECTOR 17

A negative number in the last two columns means there is a surplus, a positive number means there is a need.

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

- HPARD has accepted a parkland dedication (Avenue Place Future Park Site) and a new playground and trail were installed in this park space in 2015.
- BG2020 Trails along Hunting Bayou will be completed by 2020
- Brewster Park playground was replaced in 2013.
- Irvington Park will receive new lighting for its basketball pavilion.
- Moody Park Community Center renovation was completed in 2014 and is receiving a new playground in 2015.
- Nieto (Santos and Esther) sprayground was replaced in March 2013.
- Tuttle (Cliff) Park parking lot expansion (2011 Annual Report).



SUPPLEMENTAL MAPS:

Park Sector 17 Council Districts

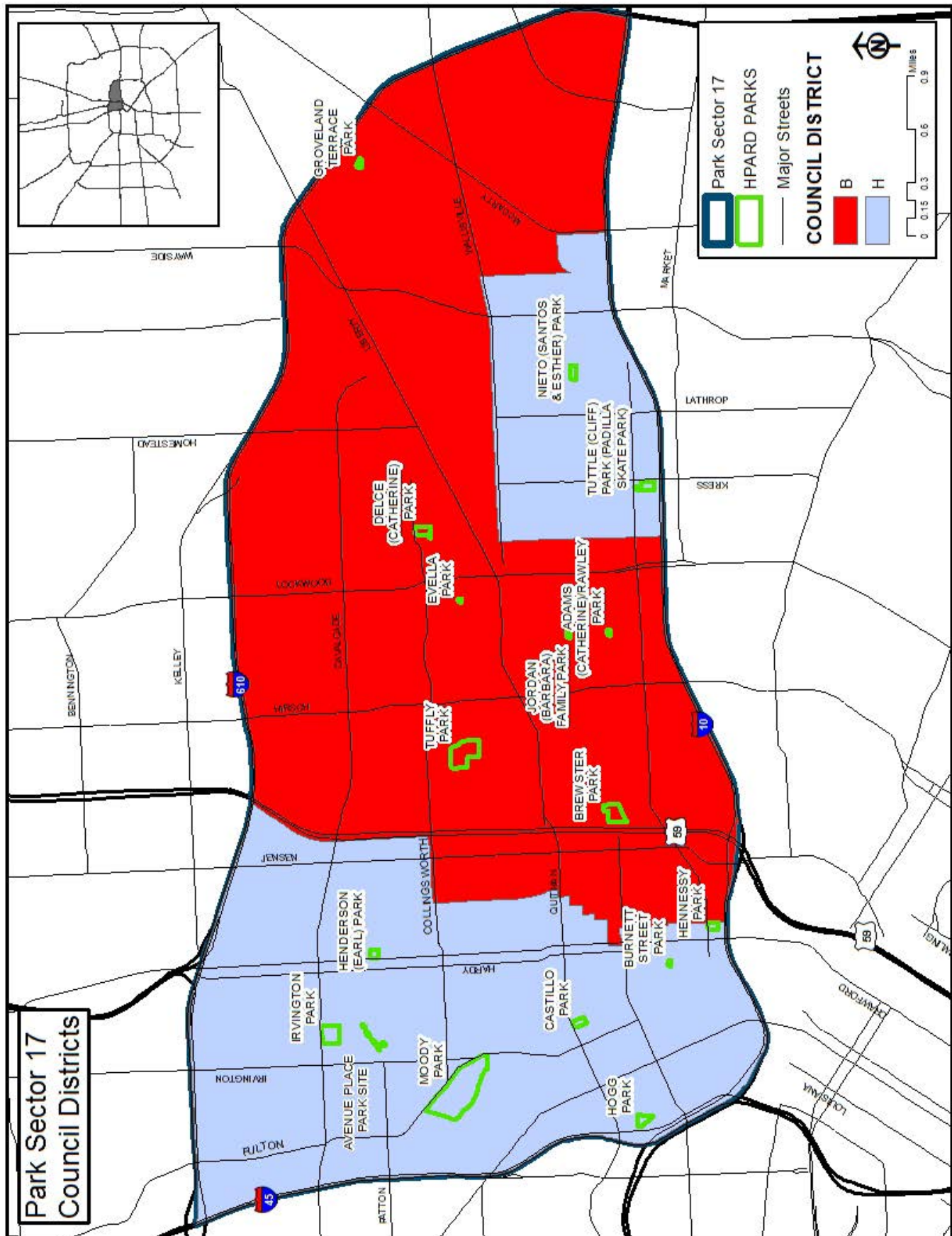


FIGURE 1: PARK SECTOR 17 COUNCIL DISTRICTS

Park Sector 17 Tax Increment Reinvestment Zone (TIRZs) and Management Districts

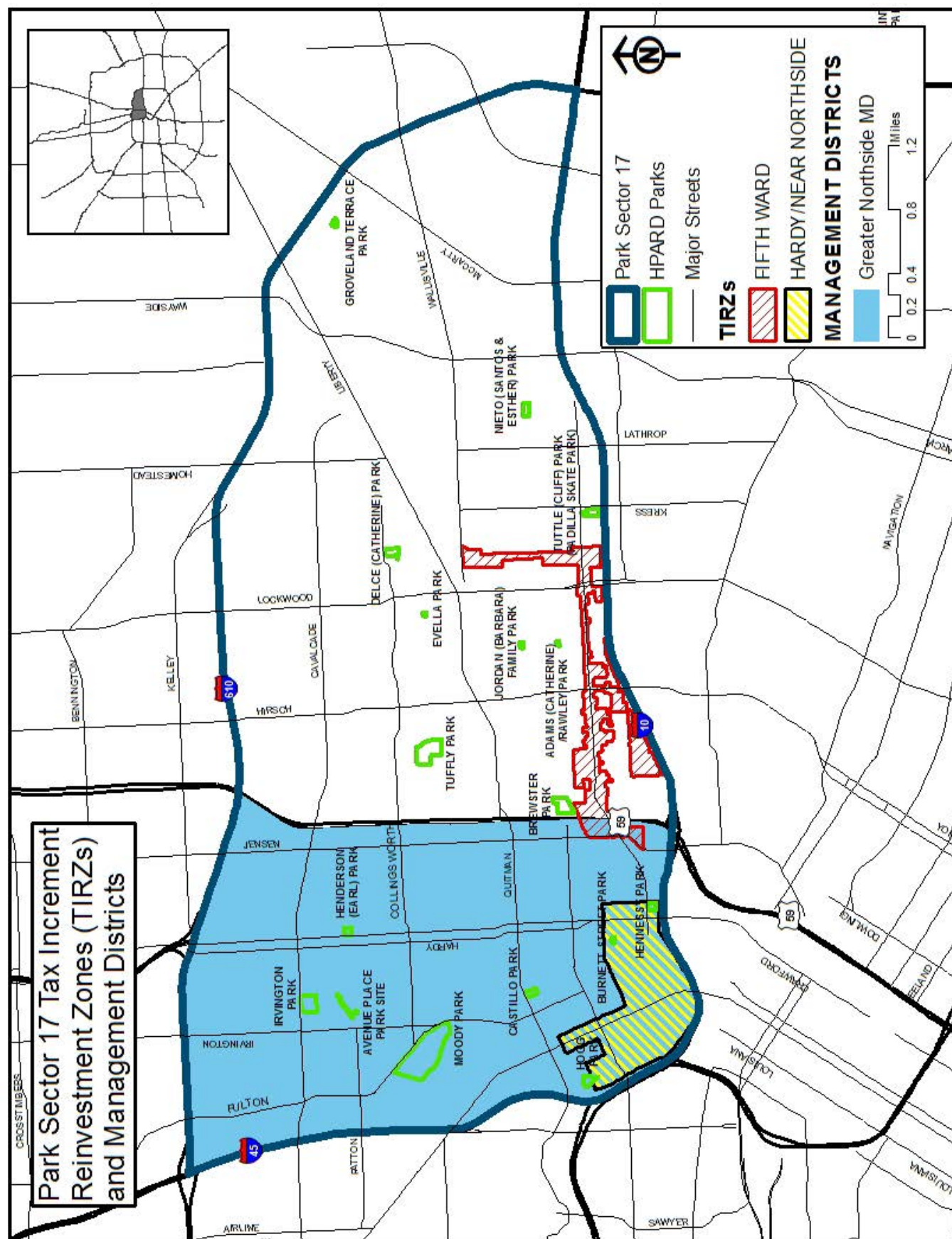


FIGURE 2: PARK SECTOR 17 MANAGEMENT DISTRICTS AND TIRZS



Park Sector 17
Super Neighborhoods

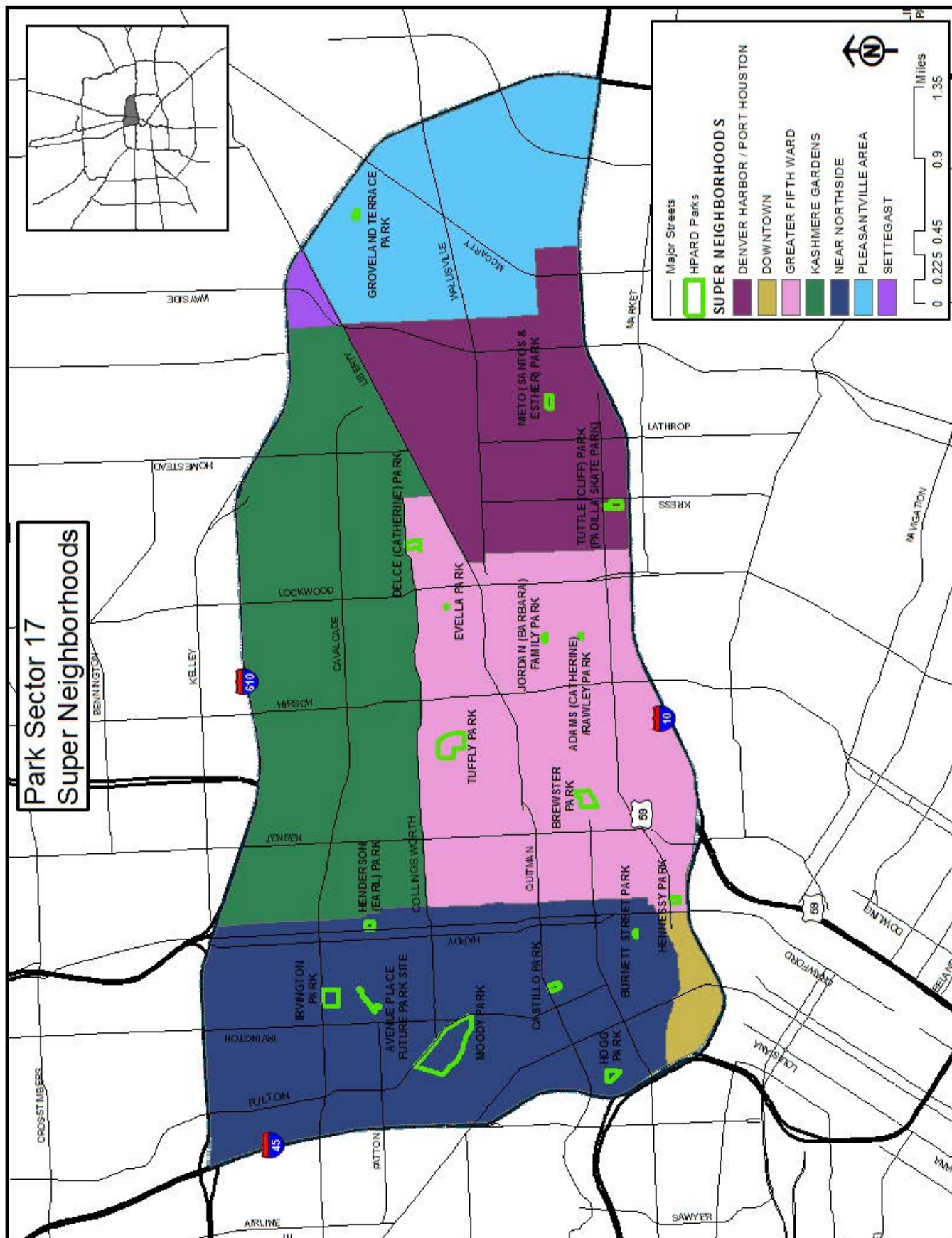


FIGURE 3: PARK SECTOR 17 SUPER NEIGHBORHOODS

Park Sector 17 Floodplain Areas

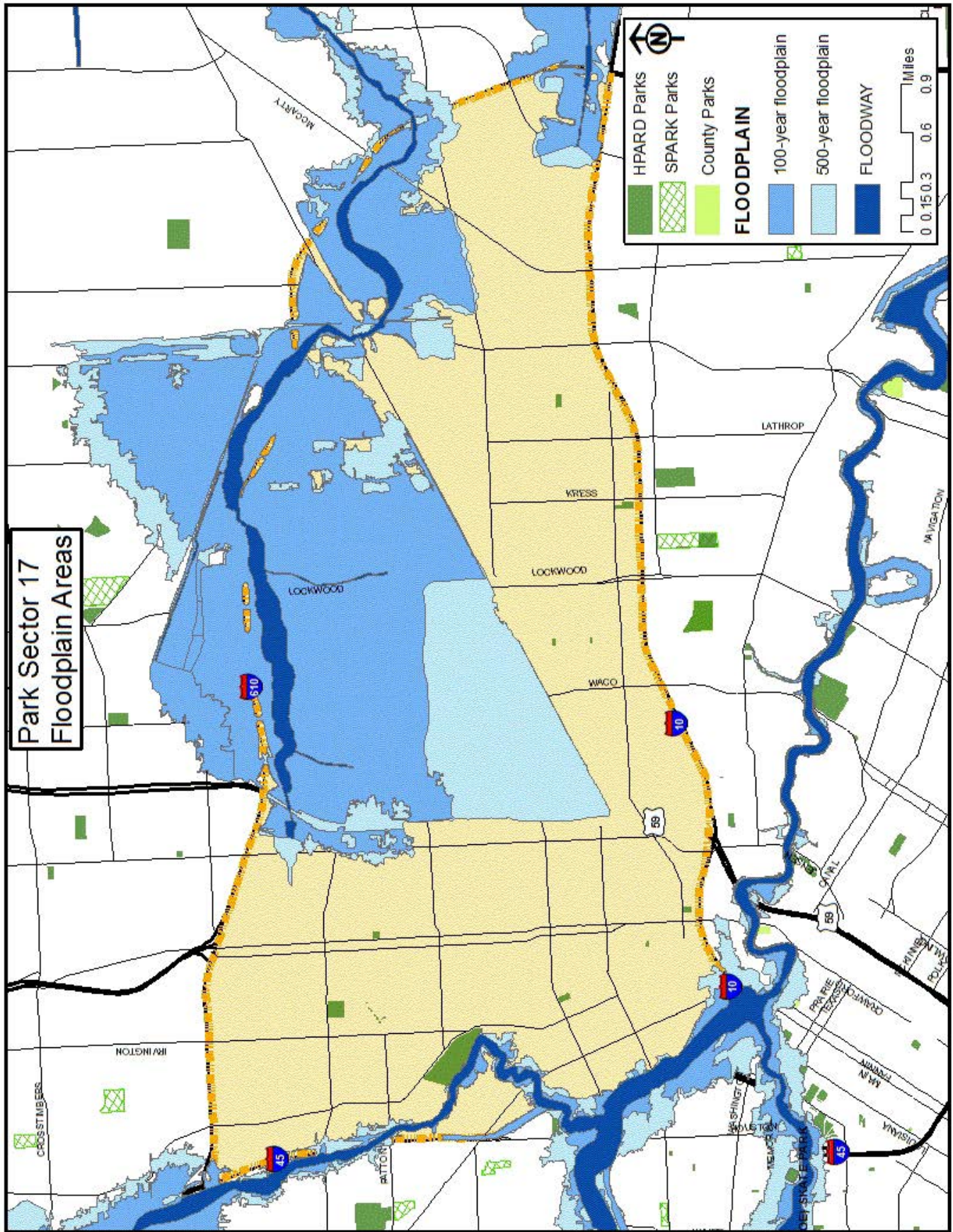


FIGURE 4: PARK SECTOR 17 FLOODPLAIN AREAS