

# LAWRENCE

## OPEN SPACE AND RECREATION PLAN 2017-2024



**GROUNDWORK**  
Lawrence

## Acknowledgements

### CITY OF LAWRENCE

Mayor Daniel Rivera

### CITY COUNCIL

Kendrys Vasquez, District C, President  
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Myra Ortiz, District A  
Estela Reyes, District B  
Jeovanny A. Rodriguez, District D  
David C, Abdoo, District E

### CITY PLANNING STAFF

Theresa Park, Planning Director  
Vilma Martinez-Domingez, Community Development Director  
Susan Fink, Manager Community Development  
Abel Vargas, Director of Business and Economic Development  
Daniel McCarthy, Land Use Planner

### PREPARED BY

#### **Groundwork Lawrence**

Lesly Melendez, Deputy Director  
Brad Buschur, Project Director  
Rose Gonzalez, Community Engagement Director  
Kevin Blanchette, Project Manager

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## SECTION 1: EXECUTIVE SUMMARY

Lawrence is a post-industrial city with a notable immigrant heritage. Many of the city's parks were built as part of the city's development in the 1900s and these spaces have been renovated over the years to meet the evolving needs of the community. As one of the youngest and most densely populated communities in the Commonwealth, demand in Lawrence is high for parks, open space and recreational amenities.

The Open Space and Recreation Plan (OSRP) is a document developed by residents and city officials to inventory and assess the condition of open space, natural resources, parks, and other recreation facilities. Based on this assessment as well as input from the community, a set of goals and objectives have been developed to outline a vision for the community relative to its parks and other open spaces. The OSRP also contains a Seven-Year Action Plan, which documents specific tasks city departments and its partners will accomplish to advance the goals the community has identified.

A current OSRP allows the city to be eligible for state, federal, and non-profit funding for park land improvements and acquisition. These funding sources are allocated to communities that have undergone planning to determine how the community needs can best be met using comprehensive programs and investments to address multiple objectives.

The 2017 OSRP goals are a framework to improve the city's park system and make it a vibrant place to live, work, and play. To achieve this vision, the plan establishes the following goals:

1. Meet the recreational needs of all residents by providing a diverse range of park amenities that appeals to all ages, genders, and abilities.
2. Increase resident awareness about the natural, cultural, recreational, and historic resources provided by Lawrence's park system.
3. Provide residents with alternative transportation options through the establishment of an interconnected system of rail trails, riverwalks, and greenways.
4. Preserving and maintaining Lawrence's historic resources and its rich cultural heritage.
5. Continue to provide opportunities for urban agriculture as a source of local, fresh food for residents.
6. Meet the evolving needs of residents by maintaining and renovating existing parks and open spaces.

## SECTION 2: INTRODUCTION

### A. STATEMENT OF PURPOSE

The City of Lawrence takes great pride in its efforts to improve its parks and open spaces. While Lawrence did not achieve all of the short-term goals highlighted in the 2009 OSRP, the City did take advantage of many distinct opportunities to improve its open spaces. This includes:

- The creation of the Spicket River Greenway, a neighborhood transformational project that has changed how pedestrians move around their city.
- Construction of six new parks: Oxford Paper Site, Ferrous Site, Spray Park at the Point, the Facella Lot, Warehouse Square, and the Alleyway Connector.
- Major renovations at the Campagnone Common, the city's most popular park.
- Renovation of the city's 37 baseball diamonds.
- Renovation of two unsafe playgrounds (Bourgoin Square and Gagnon Park).
- Planning for renovations at the O'Connell South Common.
- Advancing urban agriculture through the creation of six community gardens and an urban farm.



The 2017 Open Space and Recreation Plan is intended to provide the framework for Lawrence's investments in parks, recreational amenities, trails, community gardens, and other open spaces across the city. The purpose of this plan is to update to the goals and action items outlined in the 2009 plan through a process that reflects the needs of residents, public officials, and park managers.

## B. PLANNING PROCESS & PUBLIC PARTICIPATION

The City of Lawrence Office of Planning and Development contracted with Groundwork Lawrence, a community-based organization to complete update the city's Open Space and Recreation Plan. Groundwork Lawrence conducted extensive public outreach to arrive at the goals and action items contained within this plan. Public participation included interviews with local officials, adult and youth recreation groups, and neighborhood associations, two community meetings, a drop in session at a local restaurant, and distribution of bilingual (English/Spanish) surveys to residents and students across the community (with over 350 residents completing surveys). The public meetings were advertised through social media, promotion to neighborhood associations, flyers, and direct emails to stakeholders via the city's recreation department. Groundwork also implemented a GIS analysis tool developed by the Commonwealth's Gateway City Parks Programs to identify areas suitable for park investments.



HELP US IMPROVE LAWRENCE PARKS

Lawrence Open Space & Recreation Plan  
Join us to share your ideas!

Wednesday, April 26, 2016 | 6pm - 8pm  
El Taller | 275 Essex Street

Groundwork Lawrence is hosting a drop-in session.

We want to hear your thoughts ideas, concerns, and plans for Lawrence Parks.

**DROP IN SESSION**

**CONTACT:**  
Brad Buschur  
bbuschur@groundworklawrence.org  
978.974.6770 ext. 2001

**GROUNDWORK**  
Lawrence  
CHANGING PLACES  
CHANGING LIVES

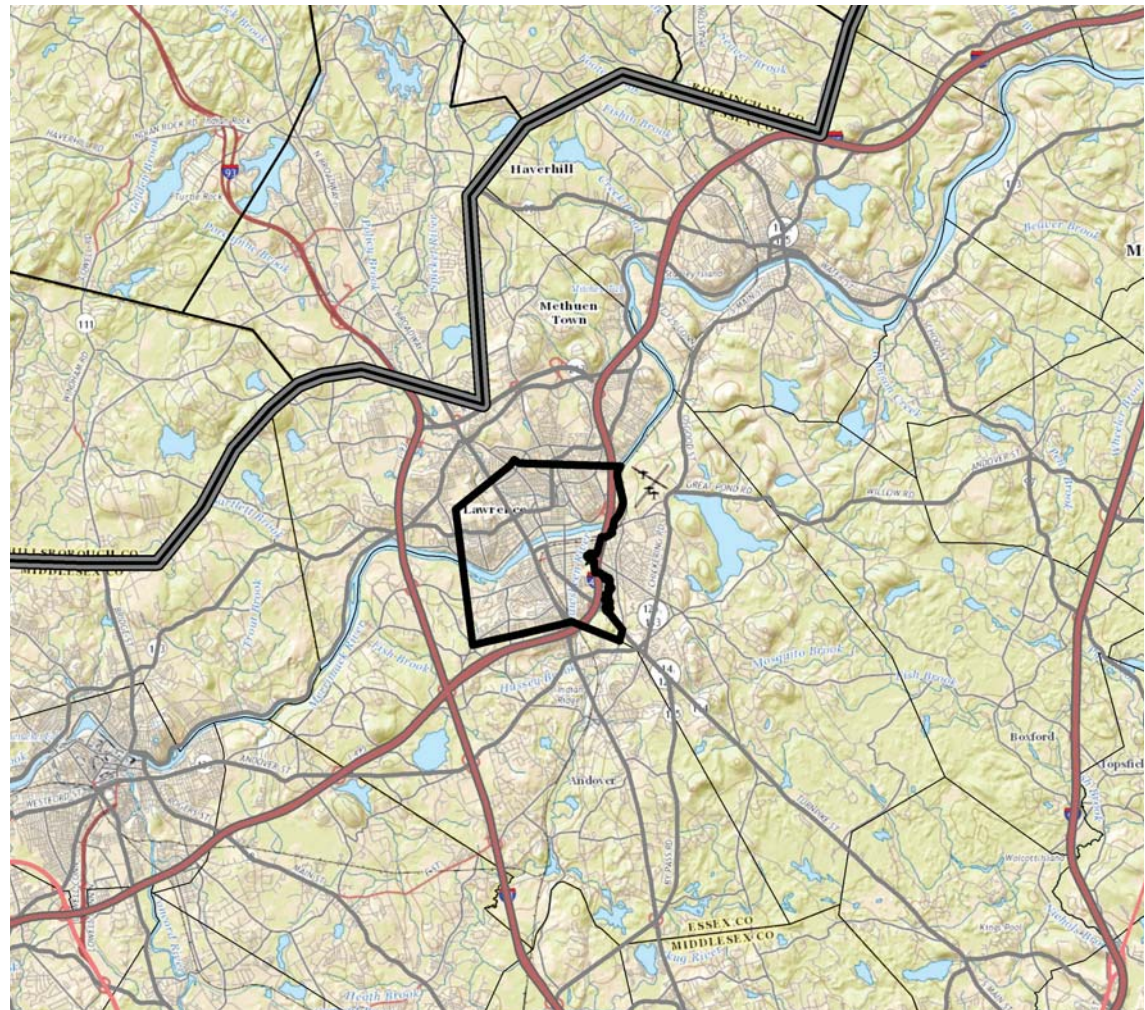


## SECTION 3: COMMUNITY SETTING

### A. REGIONAL CONTEXT

With a land area of only 7.4 square miles, Lawrence is a densely populated community of 78,804 people in a region predominantly comprised of low density affluent suburbs. The city is located just 15 miles west of the Atlantic Ocean and 2 miles south of the New Hampshire border and 30 miles north of Boston.

Lawrence hosts a variety of regional services, including government agencies, transportation facilities, and a mix of commercial and industrial activities. The city is easily accessible to nearby communities and urban centers by virtue of its proximity to Interstates 495 and 93; State Routes 28, 110, and 114; and, the Haverhill MBTA Commuter Line.



## B. HISTORY OF THE COMMUNITY

Lawrence is known as the Immigrant City – an industrial center rich in ethnic and cultural diversity. Today Lawrence is a majority Latino city with much of its population hailing from the Dominican Republic and Puerto Rico. This influx of new residents is helping to recharge the city's economy, bringing new life to neighborhoods and the city as a whole.

In 1708, the Bodwell family settled along the banks of the Merrimack River to establish a farming enterprise. One hundred and fifty years later investors from Boston who acquired land in Methuen and Andover, incorporated the area as a town in 1847, and transformed it into a thriving planned industrial municipality in 1853. The Essex Company harnessed the Merrimack River to power textile production and paper manufacturing. Within three years of acquiring the land from neighboring towns, the Essex Company had built the Great Stone Dam,

two canals, the Pemberton Reservoir, fifty brick buildings, a large boarding house, and four textile mills.

By the early 1900s, Lawrence was the world's leading manufacturer of woolen textiles. The demand for labor in the city's vast mills attracted immigrants from across the world during the nineteenth and twentieth centuries. Lawrence is known as the Immigrant City because it has always been a multi-ethnic and multicultural gateway city with a large share of foreign born residents. Drawn to the employment opportunities in the mills, successive waves of immigrants came to Lawrence starting with the Irish, English, Germans, and French Canadians and followed by Italian, Lebanese, Syrians, and Eastern Europeans in the early 1900s. Immigration to Lawrence picked up in the 1960s bringing Latinos from Cuba, Puerto Rico, and the Dominican Republic.

This contributed to the development of

a powerful labor movement in the city, culminating in the 1912 Bread and Roses Strike that established new standards for workers' rights and inspired reform legislation leading to better working conditions .

However, Lawrence's dominance of the textile industry was short-lived. The introduction of synthetic fibers in the 1940s and the migration of textile mills to southern states and eventually offshore led to a dramatic decline in jobs and population. By 1950 Lawrence had lost more than 20,000 manufacturing jobs. The city's population went into a steep decline, from a peak of nearly 100,000 in 1920 to approximately 63,000 by 1980.

Between 1980 and 2015 Lawrence's population growth rate was 24.7 percent and the Lawrence's Latino/Hispanic population increased by 60 percent. The city is now among the youngest communities in the state, with nearly 40 percent of its population under the age of



24. At the same time its population over the age of 65 has increased by 25 percent over the past decade. This intensifies the demand for parks, especially among children and teenagers and increasingly older residents.

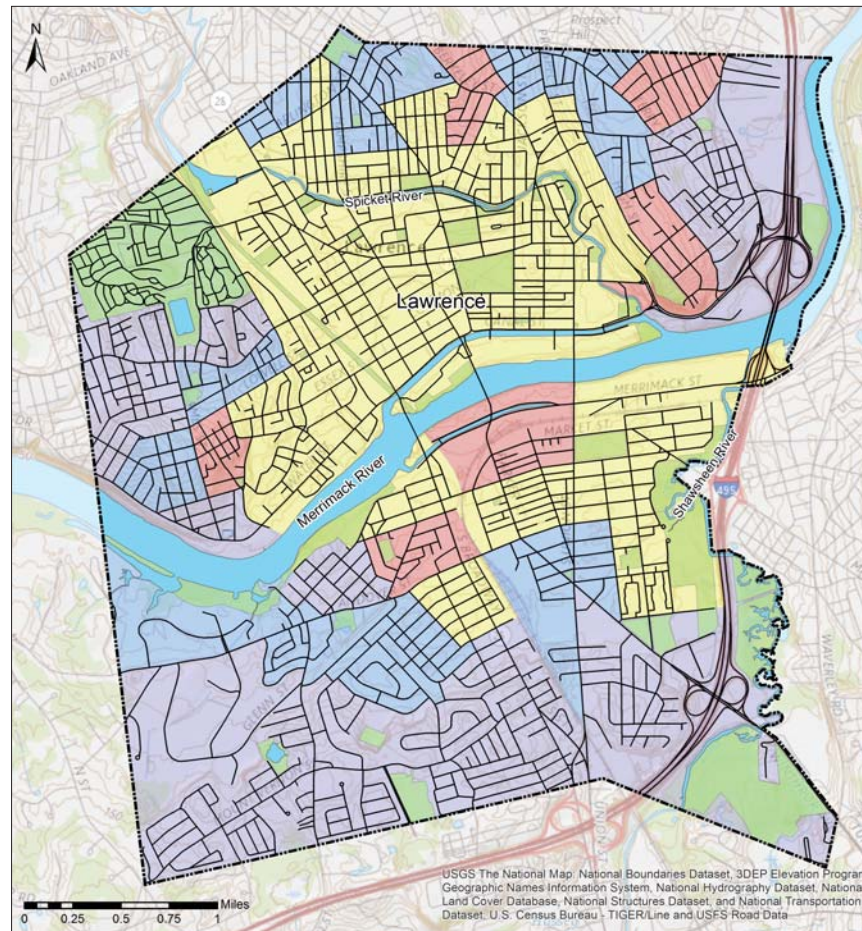
Lawrence is unique because it has many of the positive attributes associated with well-designed cities. The city has high connectivity (a dense network of streets and sidewalks connecting residents to points of interest), mixed use, small blocks, and high residential density. It is possible to live, work, shop, and play within a few square blocks. A total of six parks were given to the City by the Essex Company and by 1924, the city had 185 acres of parks and playsteads. Residential zones are located throughout the city, with a variety of housing types and densities.





### C. POPULATION CHARACTERISTICS

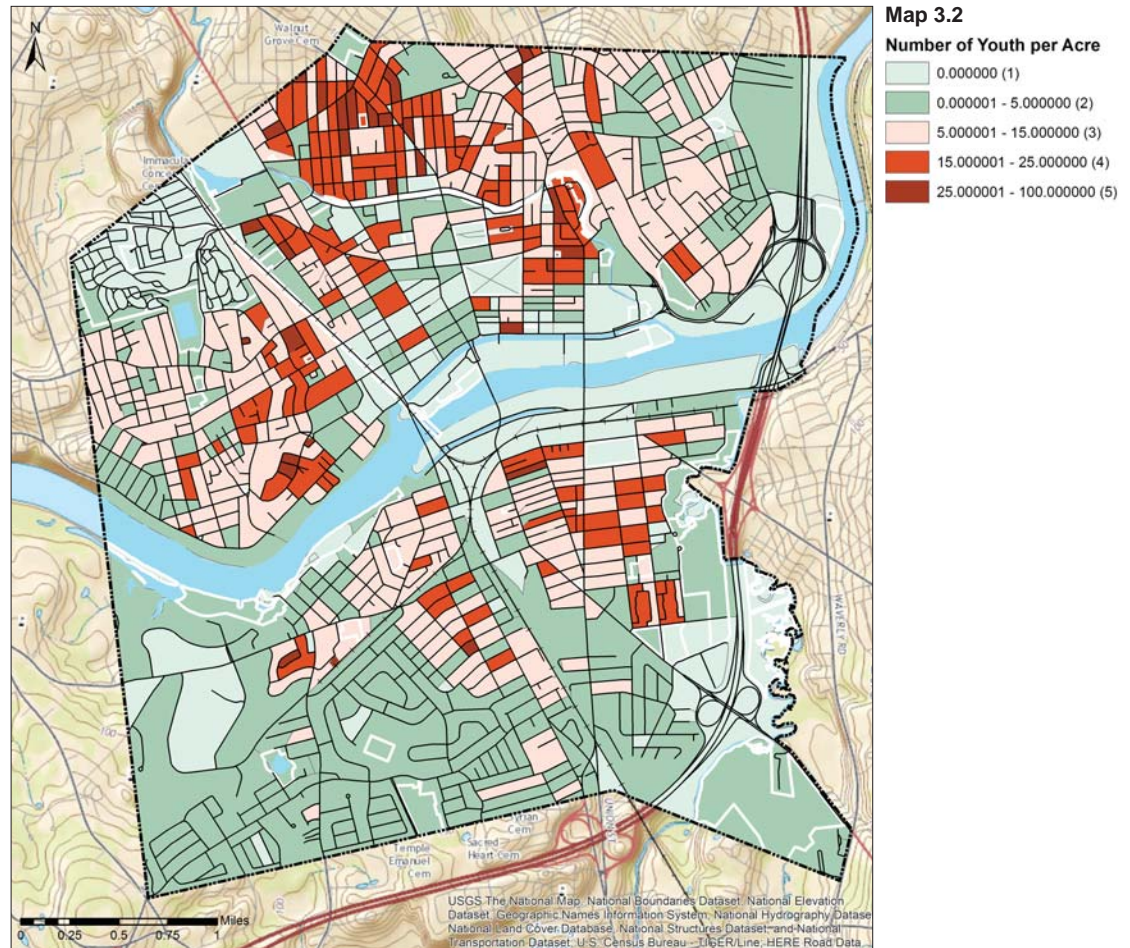
Of the three Gateway Cities in the Merrimack Valley region, Lawrence has the largest population and the highest concentration of minority residents. The general population characteristics outlined below use estimates from the 2015 American Community Survey supplemented by US Census data from other years. They show the city is an Environmental Justice community as defined by the Commonwealth of Massachusetts. This policy is defined as “neighborhoods (U.S. Census Bureau census block groups) that meet one or more of the following criteria: The median annual household income is at or below 65 percent of the statewide median income for Massachusetts; or 25 percent of the residents are minority; or 25 percent of the residents are foreign born, or 25 percent of the residents are lacking English language proficiency.”



**Map 3.1**  
**Environmental Justice Populations**

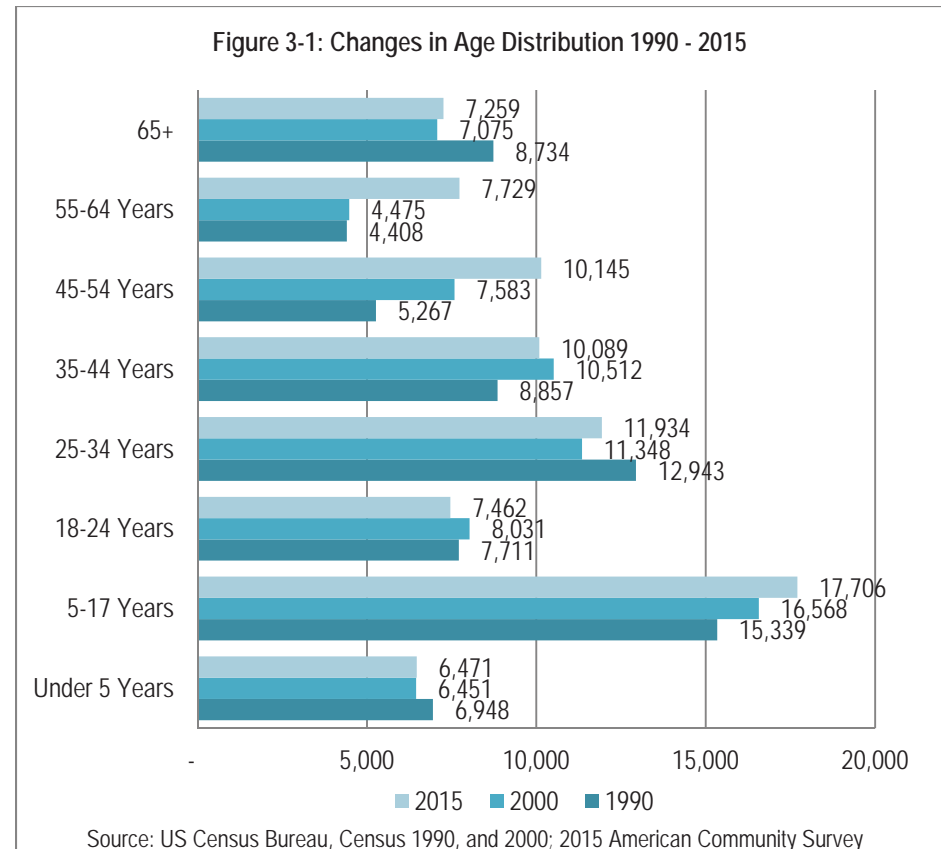
- Minority
- Minority and English Proficiency
- Minority and Income
- Minority Income and English Proficiency

Lawrence is a city of youth: Since 1980, 30 percent of the city's population has been under the age of 18. Map 3.2 highlights the distribution of youth populations throughout the city. It shows a high concentration on the north side of the city in the Arlington, Tower Hill, and North Common Neighborhoods as well as high concentrations around the O'Connell South Common and Sacred Heart neighborhoods in south Lawrence.



While the city's population is skewed toward the young it is important to note the 45-64 year old age cohort increased by 46 percent between 1990 and 2015. This growth is, in part, explained by the growth in Lawrence's foreign born population.

Lawrence is a city of families. Since 1980 family households have comprised almost 70% of all households. However household type and size varies. Almost half of all households had families with three to six members, see Table 3-2: Household Characteristics.





Lawrence is a majority minority community: In 1980, 16 percent of the city's population was Latino/Hispanic. Today 76 percent identify as Latino/Hispanic. . During the same time period the city's foreign born population increased by 68 percent

The foreign born population is different from the native born in significant ways. The median age of the foreign born population is 41 compared to a median age of 24 for native born; the college enrollment rate for foreign born residents is twice the enrollment rate for native born (37 percent compared to 18 percent); educational attainment is low for both foreign and native born residents age 25 years and older (37 percent compared to 30 percent have completed high school); English language isolation is high for both foreign born and native born residents (71 percent compared to 62 percent). households represented a significant share of the population (25 percent).

Table 3-1: Household Characteristics, 1980 – 2015								
	1980		1990		2000		2015	
	#	%	#	%	#	%	#	%
Population	63,175	100	70,207	100	72,043	100	78,804	100
Households	23,798	100	24,270	100	24,463	100	26,494	100
Families	16,180	68	16,894	69.6	16,905	69.1	18,466	69.7
Non-Families	7,618	32	7,376	30.4	7,558	30.9	8,028	30.3
Female Headed Families with Children<18	4,050	17	5,879	24.2	6,281	25.7	8,558	32.3
Average Household Size	2.62		2.83		2.9		3	
Source: US Census Bureau, Census 1980, 1990, and 2000; 2015 American Community Survey Estimates								

Table 3-2: Immigrant and Racial/Ethnic Information 1980-2015								
Population Characteristics	1980		1990		2000		2015	
	#	%	#	%	#	%	#	%
Latino/Hispanic of any race**	10,296	16.3	29,237	41.6	43,019	59.7	60,168	76.4
Born outside of U.S	9,352	14.8	14,673	20.9	22,011	30.6	29,445	37.4
White population	54,787	86.7	45,514	65	39,328	48.6	32,245	40.9
Non-White population*	8,388	13.3	24,583	35	36,999	51.4	46,559	59.1
Black	1,362	2.2	4,496	6.4	3,516	4.9	6,160	7.8
Asian	281	0.4	1,358	1.9	1,910	2.7	2,319	2.9
Source: US Census Bureau, Census 1980, 1990, and 2000; 2015 American Community Survey Estimates								
*All non-White classifications								
** Latino or Hispanic of any race								

## INCOME CHARACTERISTICS

Lawrence residents have made great strides toward reducing the very high levels of unemployment experienced during the Great Recession (2007-2010). The unemployment rate decreased from 12.3 percent in September of 2014 to 5.3 percent in December of 2016, which is still high when compared to the state (2.8 percent), Essex County (2.9 percent), Andover (2.2 percent), and Methuen (3.2 percent).

In order to make ends meet most households have two earners. Both parents work in 75 percent of households with children under the age of 18. Services and sales occupations are common: over half of residents (55 percent) work in service or sales and office jobs while 25 percent are in manufacturing related sectors. Between 1979 and 2015 household income levels slowly became more diversified with a larger share of the population

Table 3-3 Household Income Distribution, 1979 - 2015								
Income Range	1979		1989		1999		2015	
	#	%	#	%	#	%	#	%
Under \$10,000	10,236	43	7,056	29.3	2,643	19	3,285	12.4
10,000-24,999	9,748	41	6,096	25.3	6,346	25.9	6,507	24.6
25,000-34,999	2,615	11	3,272	13.6	3,485	14.2	3,512	13.3
35,000-49,999	946	4	3,847	16	3,699	15.1	3,584	13.5
50,000-74,999	171	0.7	2,745	11.4	3,640	14.9	4,144	15.6
75,000-99,999	50	0.2	773	3.2	1,439	5.9	2,592	9.8
100,000-149,999			223	0.9	923	3.8	1,962	7.4
150,000 +			45	0.2	302	1.2	914	3.4
Total	23,766	100	24,057	100	24,477	100	26,494	100
Median Income	\$11,980		\$22,183		\$27,983		\$34,852	

entering middle income levels. However, concentrated poverty remains with over 50 percent of households reporting incomes below \$34,999. See table 3-3 Household Income Distribution for more detail.

Income inequality among Lawrence residents and with surrounding communities is high. The median

income for Lawrence residents in 2015 is estimated to be \$34,852 compared to \$69,068 for Essex County, \$68,563 for the state, \$68,587 for Methuen, and \$129,082 for Andover. Substantial income disparities exist within the City of Lawrence as well. In 2015, homeowners had a median income of \$63,819 compared to \$20,989 for renters and nonfamilies have a median income

of \$17,347 compared to \$32,297 for families.

Poverty levels remain stubbornly high compared to surrounding communities. A significant share of Lawrence households (42 percent) use SNAP benefits as compared to the state (9 percent), Essex County (13 percent) and Methuen (8.9 percent). Female headed households and seniors are increasingly impoverished: 51 percent of female headed households live in poverty while the poverty rate for the city's seniors experienced a 100 percent increase between 1979 and 2012. According to the Lawrence Housing Study, poverty is particularly high in both north and south Lawrence with between 32 percent and 37 percent of all residents living in poverty in the Tower Hill, General Donovan, North Common, Arlington, and South Common neighborhoods.

Table 3-4 Poverty Status, 1979 – 2015								
	1979		1989		1999		2015	
	#	%	#	%	#	%	#	%
Individuals	12,010	19	18,946	27.5	17,217	23.9	22,168	28.4
Families	2,769	17.1	4,339	25.6	3,592	21.2	18,455	25.8
Female Headed Families	529	13.1	2,905	49.4	2,384	38	8,570	38.3
Children Under 18 Years	5,500	30.2	9,218	41.4	7,070	30.7	10,935	33.7
Individuals 65 and Over	1,483	15.6	1,268	14.3	1,286	18.2	1,778	15.4

Table 3-5 presents the estimated employment and wage levels for the Lawrence area. The primary occupations clustering in the Lawrence area include: Healthcare, Community and Social Services, and Personal Care / Service. Those Lawrence-Area industries with an average of more than 6,000 jobs include Food Preparation and Serving (6,700), Healthcare Practitioners (7,200), Sales (10,290) and Office / Administrative Support (12,160). There were also concentrations of jobs in Production (5,690 jobs), Education /Training (5,530 jobs), and Management (4,740). It is expected that employment trends towards declining manufacturing jobs and more service-related employment will continue, on average reducing wages and hence workers' ability to afford housing.

Table 3-5: Employment and Wage Estimates; Lawrence, Methuen, Salem		
Occupation	Total Employment	Annual Mean Wage
All Occupations	79,770	\$51,490
Office and Administrative Support Occupations	12,160	\$38,780
Sales and Related Occupations	10,290	\$37,240
Healthcare Practitioners and Technical Occupations	7,200	\$89,790
Food Preparation and Serving Related Occupations	6,700	\$25,830
Production Occupations	5,690	\$35,400
Education, Training, and Library Occupations	5,530	\$58,120
Management Occupations	4,740	\$115,670
Healthcare Support Occupations	3,610	\$33,500
Personal Care and Service Occupations	3,400	\$29,300
Transportation and Material Moving Occupations	3,380	\$32,830
Installation, Maintenance, and Repair Occupations	2,370	\$51,240
Construction and Extraction Occupations	2,340	\$55,070
Building and Grounds Cleaning and Maintenance Occupations	2,180	\$31,340
Computer and Mathematical Occupations	1,870	\$90,180
Community and Social Service Occupations	1,650	\$48,970
Protective Service Occupations	1,500	\$52,480
Architecture and Engineering Occupations	1,410	\$83,990
Arts, Design, Entertainment, Sports, and Media Occupations	730	\$63,970
Life, Physical, and Social Science Occupations	340	\$78,240
Legal Occupations	260	\$70,360



## EDUCATION CHARACTERISTICS

Between 2009 and 2014 enrollment in Lawrence Public Schools increased to 13,889 from 12,284; an increase of 13 percent (Lawrence Housing Study, 2015). At the same time, the district is increasing spending per pupil. Spending per pupil to \$14,012 in 2014 from \$6,189 in 2004, a 126 percent increase. Federal and state grants comprise over 95 percent of this funding. Graduation rates are increasing the four year graduation rate increased by 15 percent since 2011 while the drop-out rate has decreased to 4.6 percent in 2014 from 8.6 percent since 2011.

While the public school system is improving, educational attainment is low for most residents. In fact, 69 percent of Lawrence residents are high school graduates or higher, but educational attainment is much higher at the state level (90 percent), Essex County (89 percent), Andover (98 percent), and Methuen (89 percent).

## D. GROWTH & DEVELOPMENT PATTERNS

Lawrence is a planned industrial community designed to facilitate strong pedestrian connections between its residential areas, the compact downtown along Essex Street, and the historic mill district along the North and South Canals. Lawrence developed at an extraordinarily rapid pace during the latter half of the nineteenth century, fueled by investment from Boston families eager to capitalize on the textile trade.

The historic core of the city is located on the north bank of the Merrimack River on a broad plain. This area includes the North Canal Mill District, Essex Street, and the North Common neighborhood, where Lawrence's early immigrants worked, lived, shopped, and socialized. This area is also home to City Hall and the Essex County Courthouse. In 1848 the Essex Company donated 17 ½ acres of land to be set aside as the Lawrence Common-now named Campagnone

Common. The Common when originally installed was a Victorian Public Garden with a fountain, wading pool and bandstand and was donated with the stipulation that the land "be forever kept open as a place of public recreation and rest."

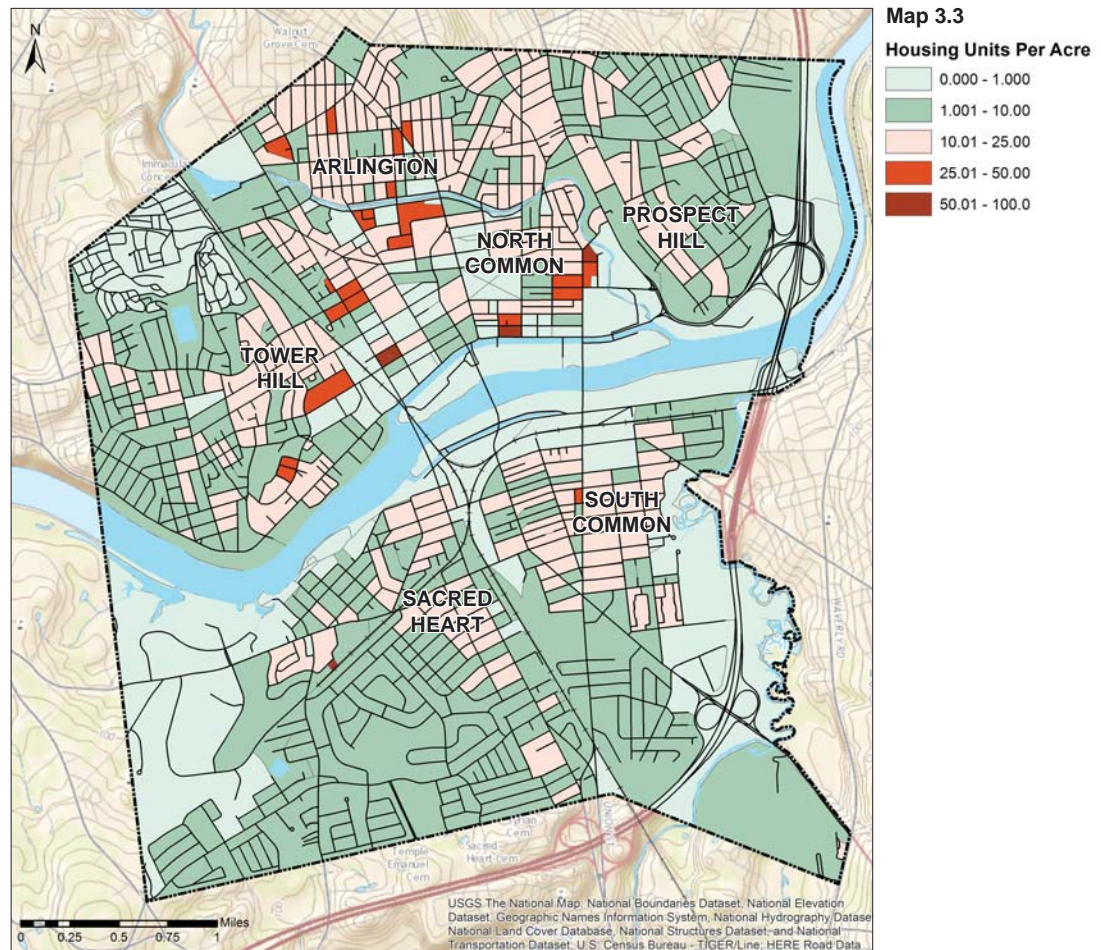
The Campagnone Common, located in the historic center of Lawrence, serves as a central place to walk, play, and relax, much like New York's Central Park. In addition to this initial core of the City, on the south bank of the Merrimack River mill buildings were developed with housing and commercial areas nearby. The South Common serves as a symmetric counterpoint to the North Common, offering many of the same amenities and providing valuable open space in the heart of the city.

The Essex Company built the North and South Canals to bring water power to the mills along the river and are now owned by Andover based Enel Green Power.

Water levels remain low because the canal walls have been poorly maintained. Increasing the water levels leads to elevated groundwater levels which damages the first floors of adjacent mill buildings. Recently the City of Lawrence, community based organizations, and property owners filed a complaint with the US Federal Energy and Regulatory Commission to force Enel to fulfill the company's recreation and maintenance obligations.

Lawrence has a population density of 10,630 residents per square mile; the seventh most densely populated city in the Commonwealth. The following neighborhoods are note for high densities: Tower Hill, Arlington, Prospect Hill, North Common, South Common, and Sacred Heart, see Map 3-3.

While almost all of the land is developed, approximately 11 percent (526 acres) of city land area is devoted to parks and cemeteries. This equates to 6.8 acres



of open space per 1000 residents (by comparison, Boston has 9.3 acres of parkland per 1000 people).

Lawrence has an excellent network of sidewalks providing opportunities for pedestrians. This network is complimented by the Spicket River Greenway; a 3.5 mile long paved pathway linking parks and open spaces on the north side of the city. Construction of the greenway helped transform how residents navigate the city. The city has been advancing other projects to improve pedestrian safety by implementing safe routes to schools projects and widening Merrimack Street to allow for bike lanes on both sides of the street.

According to the recently completed Lawrence Comprehensive Housing Study, in 2012 the City of Lawrence had total of 26,489 housing units, of which 28 percent are owner-occupied, compared to 57.5 percent statewide. Median rent in the city is \$995, compared to the statewide

average of \$604. The median sale price of single family houses is \$189,900 and \$92,000 for condos. The housing market in Lawrence is dominated by older housing stock (56 percent built prior to World War II) and in poor condition. The study also found the housing market has suffered from slow recent housing growth: net growth was 2 percent between 1980 and 2012 while the population grew by 22.4 percent in the same time period.

Significant findings from the housing study include:

- The housing stock does not meet the full needs of today's individuals and families. Most of the housing stock is in deteriorated condition and the value of the housing cannot support the renovations required to bring it up to current standards. Even though the sales value is low, rents remain persistently high and unaffordable for most residents.

- Neighborhood stability and quality of life are negatively impacted by high in and out migration between Lawrence housing units. High vacancy levels are clustered around the South Common and lower Tower Hill near the proposed Lawrence Rail Trail.
- Low property values limit investment. Negative perceptions about economic feasibility as well as perceptions about market depth has yielded a growth pattern that favors small investor/landlord rehab and nonprofit developers that rely heavily on development and rental subsidy.

Growth in housing stock has largely been driven by two forces. The first is incremental increases in density in residential neighborhoods. This typically involves conversion of single family houses into a duplex or subdividing existing parcels to create multiple dwelling units. The second is through

conversion of existing mill space into loft rentals, which currently accounts for 744 completed units, 360 in construction, and 392 in predevelopment. This pattern of development has led to concerns among public officials about the future of manufacturing and commercial development in the mill district as well as growing concerns among residents about gentrification fueled by residential development in former mills. Lawrence's housing challenges are projected to continue. Table 3-6 highlights the extent to which the city will continue to increase. By 2030 the senior population is projected to grow by 71 percent while the youth population is expected to plateau.

Lawrence's zoning ordinance includes thirteen zoning districts and two Overlay Districts (see Zoning Map in Attachment A). In general, business districts are concentrated in the downtown area and along major thoroughfares, including routes 28 and 114. The city's industrially-

Table 3-6: Population Projections for Lawrence, MA			
Age Range	2015 (Actual)	2020 Estimate	2030 Estimate
Under 15 Years	17,790	18,658	18,741
Over 65 Years	7,259	8,583	12,090
Total	78,804	82,767	89,029

zoned land is primarily located on the north and south banks of the Merrimack River and along the rail corridors, as well as in a large industrial park on the western side of the city. Residential zones are located throughout the city, with a variety of housing types and densities permitted. In October 2003, a zoning overlay district called the Reviviendo Gateway Initiative was approved that permits a greater mix of uses and streamlined permitting in the mill district, eastern end of downtown, and the North Canal mill district. A similar overlay was created in April of 2008 for the Arlington Mill District in the northwestern corner of the city.

In 2016 the Lawrence Redevelopment

Authority began the process of creating a new Urban Renewal Plan for a district that is shown in the map below. This plan involved extensive community outreach and a focus on developing an economic strategy grow the existing primary industries of food manufacturing and production, specialty manufacturing, healthcare, education, and arts and culture. A major outcome of the plan is the identification of catalyst sites along the Amesbury Street corridor, including improvements at Pemberton Park. The plan proposes two new overlay districts: a Downtown Smart Growth Overlay District north of the Merrimack River and a Planned Industrial Development District south of the Merrimack River.

## SECTION 4: ENVIRONMENTAL INVENTORY AND ANALYSIS

Throughout Lawrence's development the city's topography has seen significant changes. Hills were eliminated, streams were filled, and rivers were straightened. Perhaps the most significant change occurred long ago when Lawrence and the surrounding region constituted a large inland sea and when the water receded several large ponds scattered across the region. During the glacial period the Merrimack River flowed in a closed tunnel under the ice and emptied its waters into the Boston Harbor. As the glaciers gradually melted they left a strong dam in Lowell that changed the direction of the river to its present course in a northeasterly direction.

### A. GEOLOGY, SOILS, AND TOPOGRAPHY

Lawrence's surficial geology includes floodplain alluvium, till or bedrock, and sand and gravel deposits. Floodplain alluvium is located along the Merrimack, Spicket, and Shawsheen Rivers, extending as much as half a mile beyond the

Merrimack water channel in some locations. Till or Bedrock can be found in the Prospect Hill / Back Bay and Tower Hill neighborhoods of North Lawrence, as well as some portions of South Lawrence, particularly the Saunders Street Neighborhood. The balance of the city's land is comprised of Sand, Gravel Deposits, and Urban Fill. See Attachment A for a Surficial Geology Map.

Lawrence's elevation changes approximately 210 feet from the lowest to the highest point within city limits. The lowest points are 40 to 45 feet above mean sea level, located along portions of the Merrimack and Shawsheen Rivers. Downtown Lawrence, which extends along Essex and Common Streets, is at an elevation of 50 to 56 feet above sea level. Much of the rest of the city is located at elevations between 50 and 150 feet above sea level. The highest elevation, approximately 250 feet, is near the water standpipe at the Reservoir on Tower Hill in the northwest corner of the city. The

Reservoir is one of the city's largest open spaces. This 20 acre park has walking paths, tennis courts, and offers long views of downtown and beyond. The same elevation is achieved approximately a half-mile to the south, just west of the St. Augustine's School. From this point, the grade drops some 200 feet over a distance of approximately 1500 feet to the northern banks of the Merrimack. The second highest point in the City is Prospect Hill, located in the northeast part of the city. Prospect Hill also held a reservoir that has since been closed and built over. The elevation at the peak of Prospect Hill is approximately 190 feet above sea level. Over a very short distance, the elevation drops more than 100 feet from Storow Park to Marston Street below, creating some of the city's steepest slopes.

In addition to Reservoir and Storow Parks, the most dramatic topographic features are Den Rock Park and the Frost School Park. Abundant elevation



changes, frequent rock outcroppings, and a natural wooded setting make the 120 acre Den Rock Park valuable for hiking, rock climbing, and nature observation. At the Frost School Park, steep rock cliffs, remnants of the city's granite quarry, surround the athletic fields with a shear drop in excess of fifty feet.

## **B. LAWRENCE'S BUILT ENVIRONMENT**

The City of Lawrence encompasses 7.4 square miles. The City's landscape is defined by an unusual combination of natural features, including its three rivers and two hills, and by its remarkable works of industrial engineering and architecture, most notably the Stone Dam, the North and South Canals, and the Ayer Mill Clock Tower.

Lawrence's built environment has state and national significance. This includes eight National Historic Districts, nine State Historic Districts, and four Local Historic Districts. The majority of the

districts are clustered in north of the Merrimack River with overlap between districts in the following neighborhoods: Malden / Arlington Mills, the North Common neighborhood, the north canal district, portions of the Prospect Hill neighborhood and portions of the Arlington neighborhood. See Attachment A for Community History Maps.

The urban landscape of Lawrence is also defined by a tightly woven network of streets, alleyways, parks, and civic buildings, many of which were laid out as part of the original plan for the city in the 1850s. This is the dominant development pattern for nearly all of north Lawrence and most of south Lawrence. The southwestern portion of the city is noted for a more suburban style of single family detached dwelling units along with a large industrial park dominated by large scale single story buildings. Finally, the city's chimneys and smokestacks, bell towers, steeples, and bridges contribute to a varied and dramatic vista from many

vantage points both inside and outside Lawrence. Not only do these features have aesthetic and scenic value, they also provide important habitat for migratory and endangered species including Chimney Swifts, Peregrine Falcons and Osprey.

## **C. WATER RESOURCES**

Lawrence has a wealth of natural and engineered water resources (see Map 4.1). These resources include three rivers, two canals, Stevens Pond, Jacques's Pond, and the Reservoir. These water resources have tremendous ecological, historical, and recreational value, and could be greatly enhanced for the benefit of both city residents and the regional ecosystem. They are also amenities that draw businesses to the city. Several recent initiatives and events in Lawrence demonstrate the growing level of public interest in the city's water resources:

- The City of Lawrence has undertaken

four planning studies for areas along the Merrimack River.

*LawrenceTBD*: The new urban renewal plan developed by the Lawrence Redevelopment Authority incorporates activation of DCR's Pemberton Park and the Central Bridge / Amesbury Street corridor.

*PlanLMRC*: Developed through the EPA Brownfield Areawide Planning Program, this plan proposes a rail trail linking the 600' long rail bridge over the Merrimack with Manchester Street Park at Stevens Pond and the Spicket River Greenway. The 1.5 mile long Lawrence reach links to the Methuen Rail Trail (2.5 miles long) and over 30 miles of trail beyond Methuen in New Hampshire.

*Merrimack Street West Land Use Study*: This plan investigated land-use options for properties abutting the Merrimack and calls for a circular loop off street riverfront paths.

*Placemaking in the North Canal District*: This short term action plan was developed to activate public spaces along the North Canal.

- The Greater Lawrence Community Boating Program, located at the Abe Bashara Boathouse near Riverfront State Park on the Merrimack River , hosts several community events each year, such as the Lawrence Celebration Regatta, the Tony LaHoud Memorial Sailing Classic, and several other educational and community events.
- Groundwork Lawrence's Spicket River Cleanup has been continually successful by



PlanLMRC Site Walk



engaging thousands of residents over the past fifteen years.

- The Spicket River Greenway, a pathway linking a series of parks and neighborhoods along the Spicket River, was constructed with funding from the Commonwealth's Gateway City Parks Program. This project connected seven existing riverfront parks and established two new linear riverfront parks.
- Three new parks were constructed along the Spicket River.

*Oxford Park* caps a decade's long effort by the City of Lawrence to create a new gateway into the city's mill district.

*The Facella Lot* is a pocket park near the Brook Street neighborhood and is part of a long history of efforts to transform vacant lots for housing and parks.

*The Ferrous Site* is a five acre urban wild located at the confluence of the Spicket and Merrimack Rivers with tremendous historic, scenic, and ecological value.

- A baseline water quality report for the Spicket River completed in 2014 supports the claim that the Spicket is a healthy warm water system and fully supportive of aquatic life despite issues with seasonally high bacteria levels at two locations.
- There is interest in creating additional off street paths along the city's waterways. This includes extending trails westward to Andover, linkages to the south between Den Rock Park, North Andover and the Shawsheen Greenway as well as development of the Riverwalk path on both sides of the Merrimack River.

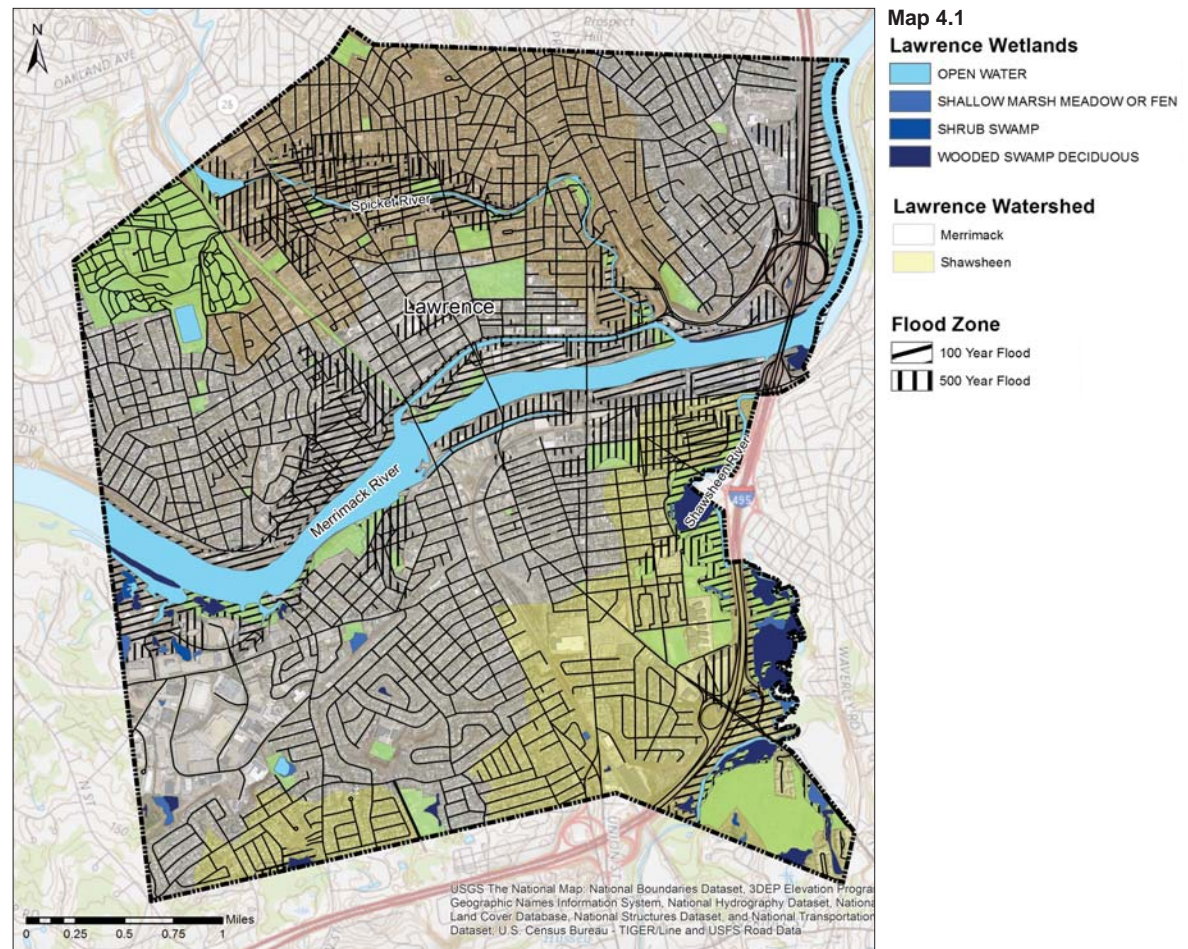


Spicket River Greenway at Immigrant Place Park

The historic flooding patterns of all three rivers in Lawrence have been drastically altered due to development, storm water controls and the construction of Interstate 495. However, significant portions of the city (17 percent according to MVPC's Merrimack Valley Region Natural Hazards Pre-Disaster Mitigation Plan) are located within the 100-year flood plain of the three rivers and over 30 percent is in the 500 year floodplain. Following is a summary of the flood plains along the banks of the three rivers.

#### *Merrimack River*

The Merrimack River is the second longest river in New England. This 117-mile long river begins at the confluence of the Pemigewasset and Winnepesaukee Rivers in Franklin New Hampshire and flows southward toward New Hampshire. From Lowell it flows northeast thru Lawrence until it empties into the Atlantic



Ocean in Newburyport. Nearly 600,000 people rely on the river for drinking water including all of Lawrence's residents.

The Massachusetts Department of Environmental Protection considers the river as a Class B waterway which means that it is a habitat for fish and other wildlife and is also suitable for drinking water with appropriate treatment. However, there are still major challenges to the health of Lawrence's rivers, including illegal dumping, combined sewer overflows (CSOs). Lawrence's sewer system is part of the Greater Lawrence Sanitary District (GLSD), which serves Lawrence, Methuen, Andover, North Andover, and Salem, New Hampshire. The existing system functions effectively under normal conditions, but CSOs are a recurring problem during heavy rains, when a combination of raw sewage and storm water empties into outfall pipes along the Merrimack and Spicket Rivers. Five CSOs directly affect water quality downstream and negatively

impact parks and recreational boating along the river.

Much of the flood plain along the Merrimack River is parkland or developed for industrial, commercial or residential purposes. Portions of the flood plain are also located within the Interstate 495 right-of-way. Several neighborhoods and businesses are located within the 100-year flood plain, see Map 4.1.

#### *Shawsheen River*

The Shawsheen River is a 26.7 mile long tributary of the Merrimack River. The river runs northward from its headwaters at Hanscom Military Base in Bedford Massachusetts. The watershed has an urban character throughout and supports a population of approximately 250,000 people. The river has been the focus of two dam removal efforts in Andover just south of Lawrence to increase access for numerous species of diadromous fish. Much of the land along the western

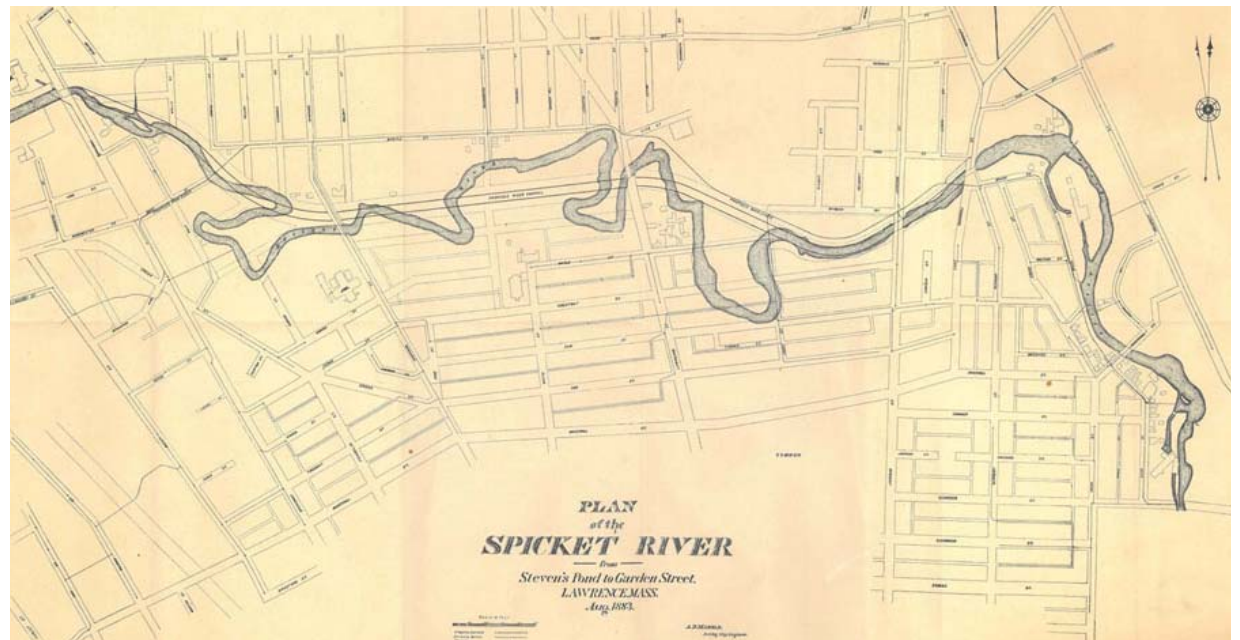
side of the Shawsheen River is within the 100-year floodplain. Most of this land is undeveloped and is part of Den Rock, Shawsheen, Costello, and Coyne Parks, or within the corridor between I-495 and the river. The only developed areas within the 100-flood plain are at the confluence of the Shawsheen and Merrimack Rivers and upstream in the South Common neighborhood. This area, which includes both residential and industrial uses, encompasses portions of Merrimack, Portland, Market, Greenfield, Salem, Loring, and East Streets, and Crawford Road.

#### *Spicket River*

The Spicket River is a 15 mile long tributary of the Merrimack River that flows from its headwaters at Big Island Pond in Derry New Hampshire. The total watershed is approximately 75 square miles and the lower 5 percent of the watershed is located in an urbanized corridor with three dams in Methuen and



Lawrence. Several densely developed residential and commercial areas are located within the 100-year flood plain along the Spicket River. This includes the FEMA flood zone in the Arlington neighborhood (roughly bounded by Manchester and Holly Streets and the former Marion Avenue). In addition, the areas south of the river between Hampshire and Short Street, which includes the Department of Public Works Yard, are within the 100-year flood zone. A 16-block residential area north of the Spicket River is also within the 100-year flood zone, and is roughly bounded by Lawrence Street, Park Street, and Broadway. This includes the Hayden-Schofield Playstead, a heavily used neighborhood park with two ball fields. On the eastern end of the Spicket River, a large portion of the Oxford Paper Site Park, the Gateway Parking Lot and portions of the Everett Mill Complex are within the 100-year flood zone.



1883 Plan of Spicket River Meanders and Proposed Channel

## *Wetlands*

The City of Lawrence has relatively few wetlands, due to the intensive riverfront development over the past 150 years. Most of the wetlands remaining are isolated vegetated wetlands that are important green infrastructure.

In 2005 the Lawrence Conservation Commission expanded the state wetland ordinance (25 foot buffer along all rivers) to recognize and further protect certain extended areas as wetlands. This designation provides for stricter regulation surrounding the city's wetlands, water resources, and adjoining lands when new development or redevelopment projects are proposed. Four additional riverfront areas were assigned to the city's rivers: 200 feet, 100 feet, 50 feet and 25 feet based on the existing unique characteristics, development densities and uses. More recently the Conservation Commission has proposed new regulations to tighten

performance standards and expand protection for vernal pools as well as expand the land subject to flooding to include the 500 year flood zone.

The Spicket River once had significant meanders and associated wetlands before the Essex Company straightened and channelized a mile long reach between Broadway and Jackson Street. The Shawsheen River meanders through south Lawrence. Its floodplain is primarily a wooded deciduous swamp, with smaller areas of shallow marsh meadow or fen. A block of wetlands along the Shawsheen River between 495 and North Andover are recognized by Natural Heritage as a Small River Floodplain Forest. The wetlands on the south banks of the Merrimack River by the Industrial Park primarily consist of Wooded Swamp Deciduous, with several isolated areas of Shrub Swamp and Shallow Marsh Meadow or Fen. In addition to these areas, there are several small, isolated wetlands in the

southwestern part of the City, including Jacques's Pond and the area behind Donovan Playground. All of these smaller wetland areas are classified as Wooded Swamp Deciduous or Shallow Marsh Meadow or Fen. Additionally, there is a sizable, isolated wetland on the Rail Trail corridor that is fed primarily by street runoff.

Lawrence contains a number of ephemeral and vernal pools that provide important habitat for rare and endangered species. Short lived ephemeral pools can be found in many parks and small woodlots throughout the city. Vernal pools are primarily concentrated in larger greenspaces. Den Rock Park is home to the city's only certified vernal pools (2) as well as 6 pools considered "potential" based on aerial analysis. Potential pools can be found along the Shawsheen River (3), in the Lawrence Industrial Park (2) and one in the Mt. Vernon area near Jacques Pond. A likely vernal pool, as well as a

seep, has been observed in the large woodlot on Woodland Street in the Prospect Hill neighborhood.

#### *Aquifer Recharge Areas*

The City of Lawrence has no known aquifer recharge areas. In 2009, a spring used for decades at the corner of Haverhill and May Streets was closed because it did not meet state criteria. This well would have been fed by an aquifer recharged by water infiltrating from the cemeteries and residential areas on Tower Hill. It is located in a mixed use area at the base of the hill.

#### **D. FISHERIES & WILDLIFE CORRIDORS**

In the face of continued habitat loss, fragmentation, and isolation, planners stress the need for providing landscape connectivity between patches and corridors. Lawrence's rivers should be viewed as corridors of significance. Maintaining and restoring their ecological

integrity in the face of intense human use is both a challenge and an opportunity. These areas, which have a core of city and conservation owned lands, could be managed to protect and restore biodiversity and the river.

Lawrence's three rivers provide important wildlife corridors contributing significant value to the ecology of Lawrence. According to Dauwalter (Trout Unlimited, 2012), the Merrimack River is among the top three most important large rivers on the U.S. East Coast for migratory fish including alewife and blueback herring, American eel and American shad, Atlantic salmon, sea lamprey and striped bass. A population of endangered shortnose sturgeon seasonally inhabits the Merrimack River downstream from the Great Stone Dam in Lawrence (this is the part of the river that flows along Ferrous Park). Atlantic Sturgeon have also been documented in the Merrimack River (this population is a Distinct Population Segment listed as threatened),

although no spawning population has been observed. The Merrimack River is also home to a variety of fish. The most common species found in Lawrence are American Shad, River Herring, Sea Lamprey, Striped Bass, and Atlantic Salmon.

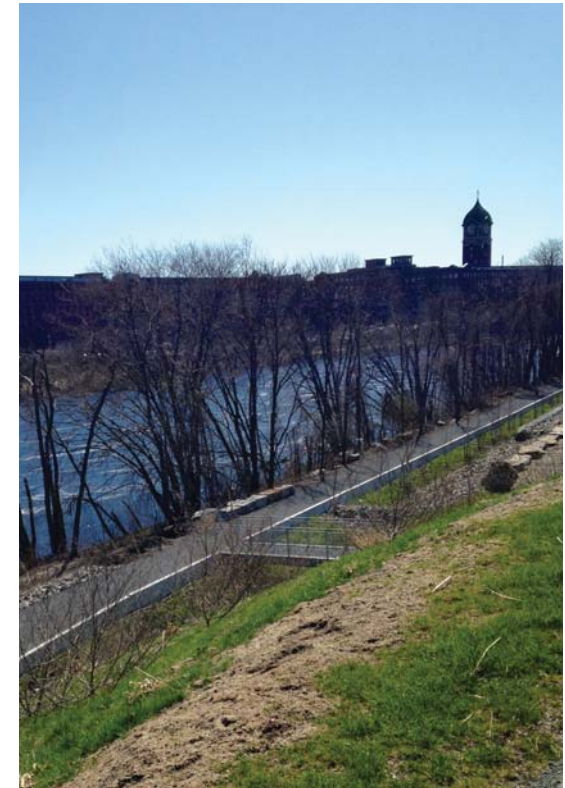
A new fish lift at the Essex completed just prior to completion of the 2004 Open Space Plan has improved passage for anadromous fish in the Merrimack River. The shad and herring have largely rebounded from the collapse documented in 2008. However, the fish passage issues are significant at the Lowell dam, which increases the need to enhance fish runs on tributaries to the Shawsheen River and Spicket River in Lawrence as well as the Concord River in Lowell. Two dams were removed on the Shawsheen River through a partnership between the Commonwealth's Division of Ecological Restoration, the US Fish and Wildlife Service and the Town of Andover.

Along its entire length, the Merrimack River is home to at least 75 state and federally-listed endangered species and many pairs of bald eagles. A portion of the river is on the Atlantic Flyway bird migration route. Recent birds observed between September 12-14, 2017 at the confluence of the Merrimack and the Spicket noted twenty species including osprey, peregrine falcon, red-tailed hawk, belted kingfisher, Northern flicker, yellow warbler, and a lark sparrow.

The presence of Bald Eagles along the Merrimack River in Lawrence is well documented. They can be seen roosting at the confluence of the Spicket and Merrimack River and have active nesting sights nearby in Methuen. While the 14th edition of the NHSCP habitat map no longer designated the Merrimack River upstream of Haverhill as priority or estimated habitat (this is due to changes in NHESP policy to protect only documented nesting areas, not wintering grounds or potential habitat).

The Merrimack River corridor is protected by provisions of the Lawrence Wetland Protection Ordinance and recently updated local wetland regulations that recognize wildlife habitat and the protection of rare, endangered and migratory species independent of state oversight. In addition to the Bald Eagle, the dragonfly, Umber Shadowdragon is a year-round resident of the Merrimack River corridor and adjoining wetlands. Some of the historic locations of rare plants previously known to occur in Lawrence are also along the shores of the Merrimack.

The Shawsheen River is notable for several reasons: its meanders form a small-river flood plain forest that provides habitat for eel and river hearing, the riparian corridor links the mill district and inner ring suburbs to larger contiguous forest blocks at the city's border including the city's largest passive open space, Den Rock Park, and the Lawrence reach will



Merrimack River at the Ferrous Site



increasingly become important habitat because two upstream dams were removed upstream and the US Fish and Wildlife Service is committed to restoring native fish runs. The Commonwealth's Natural Heritage and Endangered Species Program defines a Small-River Floodplain Forest as silver maple/green ash forests occurring on alluvial soils of small rivers and streams.

The Spicket River is a linear corridor that provides additional opportunities for species dispersal. This urbanized river has varying instream habitats and conditions. The upper and lower reaches of the river contain better habitat than the middle reaches of the river. These reaches contain riffles and some deep pools while the middle reaches of the river lack habitat heterogeneity.

In 2004, a series of ecological assessments were conducted at several locations that would be redeveloped as open space along the Spicket River

Greenway. These assessments were conducted again in 2017 and showed that since the creation of the greenway, species richness and diversity has increased by 20-30%. This ongoing research indicates that the creation of natural green space on the river corridor contributes to improved ecological function as well as providing better recreational access for the community.

In addition to rivers functioning as wildlife corridors, the abandoned Manchester Lawrence Rail Corridor provides an opportunity for species dispersal between the Merrimack River and rural areas to the north. In particular, Blanding's turtles (*Emys blandingii*) have been found just north of Lawrence along the rail line. This 1.5 mile long corridor is currently being designed for use as an alternative transportation corridor for pedestrians and cyclists. Landscape design for the corridor will include some trees and low growing meadow habitat for pollinators.

## **F. VEGETATION & WILDLIFE**

The intensity of development and limited vegetative cover in Lawrence has minimized the extent of wildlife habitat over the years. Nonetheless, a great variety of fish and bird life can still be found in and around the city's riverfront areas. Three types of wildlife habitat are common to Northeastern Massachusetts: open land, woodland, and wetland. Of these three types, wetlands are by far the most common in Lawrence. Below is a summary of each of the habitat areas and their characteristics:

Open land habitat consists of cropland, pasture, meadows, and areas that are overgrown with grasses, herbs, shrubs, and vines. These areas produce grain and seed crops, grasses and legumes, and wild herbaceous plants. The kinds of wildlife attracted to these areas include woodchuck, mourning dove, meadowlark, field sparrow, eastern

cottontail rabbit, and red fox.

Woodland habitat consists of areas of hardwoods or conifers, or a mixture of both, and associated grasses, legumes, and wild herbaceous plants. Wildlife attracted to these areas includes ruffed grouse, woodcock, thrushes, woodpeckers, squirrels, gray fox, raccoon, porcupine, and deer mice.

Wetland habitat consists of open marshy, swampy, or shallow water areas where water-tolerant plants grow. Some of the wildlife attracted to such areas include ducks, geese, herons, shore birds, muskrat, snapping turtle, and beaver.

According to the Commonwealth's Natural Heritage and Endangered Species Program, Lawrence has lost many species over past the century and a half that records have been kept of plants and animals – five the 11 records listed in the table below are considered current. The program notes several of the rare plants are species of floodplain forests:

River Bulrush (SC) is found on river shores, inland marshes, and freshwater to brackish tidal wetlands; Andrew's Bottle Gentian (E) grows in openings in floodplain forests, thickets, fens, and swampy areas near bodies of water; and Cat-tail Sedge (T) is found in openings of floodplain forests, as is the more habitat generalist, Bristly Buttercup ((SC). River Birch (WL) is a species of floodplain forests that is found in Massachusetts only in the Merrimack watershed. Mud-arrowhead (WL) occupies brackish shallow water and shores of ponds, swamps, and rivers. Thread Rush (E) and Bog Sedge (WL) are species of peatlands and other wet, acidic, nutrient poor substrates. Plymouth Gentian (SC) is a globally uncommon species that is mostly limited to SE Massachusetts where it occurs on shorelines and shallow water of ponds that fluctuate naturally throughout the year. The robust population in Lawrence is newly known and perhaps introduced to the site, where small ponds provide habitat similar to that in the main

area of distribution.

Protecting and managing remaining habitat or restoring floodplain and riverside areas along the Merrimack, Shawsheen and Spicket Rivers, is very important to maintain the species that remain. Completing conservation protection of remaining unprotected land along the rivers, with buffers included where possible, would enhance the viability of these special areas - size and continuity of open space is particularly important for supporting wildlife populations. Preventing habitat fragmentation is vital in protecting the ecosystem, for rare species as well as for additional common species, particularly reptiles and amphibians.

## **G. SCENIC RESOURCES**

Lawrence has a wealth of scenic resources and unique environments,

many of which have been discussed earlier in this section. These resources include riverfronts, forested settings, and a variety of historic structures and landscapes. The city's most outstanding scenic resources are summarized below and mapped in Attachment A:

- *The Great Stone Dam*, designed by Charles S. Storrow, Chief Engineer for the Essex Company, was completed in 1848 to power Lawrence's vast mills. At the time of its construction it was the longest dam in the world, measuring 1629 feet.
- *The Everett Mills* is one of the City's largest mill buildings, standing six stories tall and occupying an entire city block. The Everett Mills Clock Tower, which faces the eastern end of Essex Street, creates an impressive anchor to the city's historic main street.
- *Merrimack River Views*: There are a

number of outstanding views of the Merrimack River located throughout the City, especially from the many bridges and the 495 highway overpass. Several locations along the riverbanks also afford excellent views, especially at the Abe Bashara Boathouse, Pemberton Park, and Riverfront State Park.

- *Rollins School Clock Tower*: This stately brick school building and clock tower were built in the early 1900s as part of a citywide school building program that also included the Bruce, Tarbox, Wetherbeee, Hood, and Breen Schools. The Rollins School is named for John Rodman Rollins, a two-term Mayor of Lawrence who also served as paymaster of the Essex Company and cashier for the Pacific Mills.
- *Ayer Mill Clock Tower*: The Ayer Mill Clock Tower, built in 1910 as part of the American Woolen Company

headquarters, is the largest mill clock in the world. The clock tower was completely restored in 1998.

- *Water Tower and Reservoir*: The Water Tower and Reservoir on Tower Hill are among the city's most important historic sites. Built in 1896, the water standpipe was designed by City Engineer Arthur D. Marble to hold to more than 500,000 gallons. The brick casing for the tower, designed by Lawrence architect George G. Adams, is the tallest building in the city with an observation deck at 107 feet above the foundation. The Reservoir originally had a storage capacity of more than 40 million gallons of water. It still serves as the City's primary facility for water storage.
- *City Cemeteries*: The City's three cemeteries (Bellevue, St. Mary's, and Immaculate Conception) on Tower Hill are significant both for their

historic and scenic value. In total, the cemeteries comprise more than 130 acres of land.

- *Historic Mill Buildings:* The enormous mill buildings lining the Merrimack River are perhaps the city's most distinctive feature. With close to twelve million square feet of space, these buildings are testament to the city's industrial past. Among these, the Pacific Mill, Washington Mill, Wood Mill, and Ayer Mill are the largest. In 1924, mill buildings covered nearly 300 acres of land along the Merrimack River.
- *Malden/Arlington Mills and Stevens Pond:* The Arlington Mills complex, originally built in the late 1800s, is now used by Malden Mills to manufacture their signature Polartec fleece fabric. Stevens Pond, located at the center of the Malden Mills complex, is one of the most attractive features of the site and includes a

small dam with a walkway connecting the north and south sides of the Spicket River. In 2009, Manchester Street Park will open on the North side of Stevens Pond. The new park includes a large open space, playground, community gardens and a dramatic overlook of the pond and mill buildings.

- *Campagnone North Common:* The Campagnone North Common was included in the original plan for the city. The 17 ½ acre park was donated to the city by the Essex Company. The Common had a bandstand and a pond as well as the pathways, veteran monuments and trees that you see today. The buildings facing the Common had specific rules regarding the height, material and usage of the structure. The Common was renamed the Campagnone North Common after three sons of a Lawrence family were killed in World War II.



Tower Hill Reservoir and Tower



- **Shawsheen River Walkway:** This walkway, which meanders along a section of the Shawsheen River through Costello Park and behind the South Lawrence East School, offers lovely views of the river and surrounding woods and wetlands. The Walkway and Shawsheen River are also used as an outdoor classroom by some Lawrence High School teachers.
- **Den Rock Park** is the city's largest open space, with 120 acres of woodland trails and a natural rock face used for climbing.
- **Views from Storrow Park:** The views from Storrow Park on Prospect Hill are among the best in the city. The Ayer Mill Clock Tower, Lawrence City Hall tower, and other landmarks are visible from the walkways and benches along High Street.
- **North and South Canals:** The canals



Den Rock Park

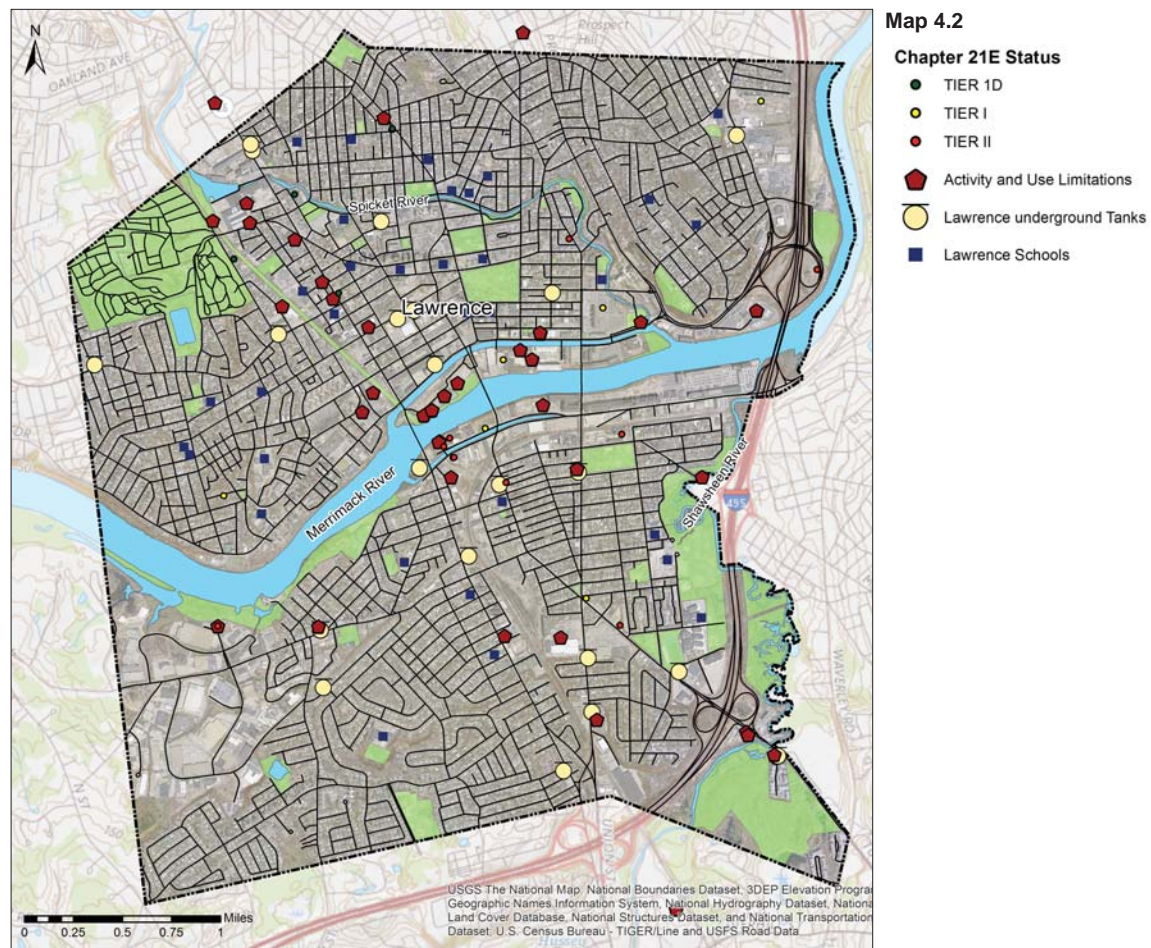


are Lawrence’s historic circulation system distributed water from the river to the mills for power generation. They are an integral component to the city’s historic core, but the owner of the canal (Enel Green Power) has not maintained the walls and this threatens public and private infrastructure.

## H. ENVIRONMENTAL CHALLENGES

Within urbanized areas like Lawrence environmental challenges are ubiquitous. Ecology in Lawrence face numerous challenges associated with development impacts, water pollution, environmental contamination, erosion, and sedimentation.

Like many industrial cities in New England, Lawrence faces significant environmental challenges related to the contamination of land and buildings from former industrial uses. This is especially true of the city’s riverfront and



rail corridors where industrial activity was historically concentrated as well as its periphery where industrial waste was dumped, processed, and recycled. Recognizing this, the City has been actively working with private landowners to clean up and redevelop contaminated sites. Since 2004, the City of Lawrence has received over \$3.25 million in EPA Brownfields Funding for planning, assessment, and cleanup.

There are currently 44 DEP Tier Classified Oil or Hazardous Materials sites in Lawrence (Tier Classified Sites are oil or hazardous waste sites that have been reported to the Massachusetts Department of Environmental Protection and “tier classified” under M.G.L. Chapter 21 and the Massachusetts Contingency Plan). More than half are located on or near a river; for approximate locations see Map 4.2. Lawrence still has one solid waste site after two DEP solid waste sites closed in Lawrence since 2004. The remaining location, a materials recycling

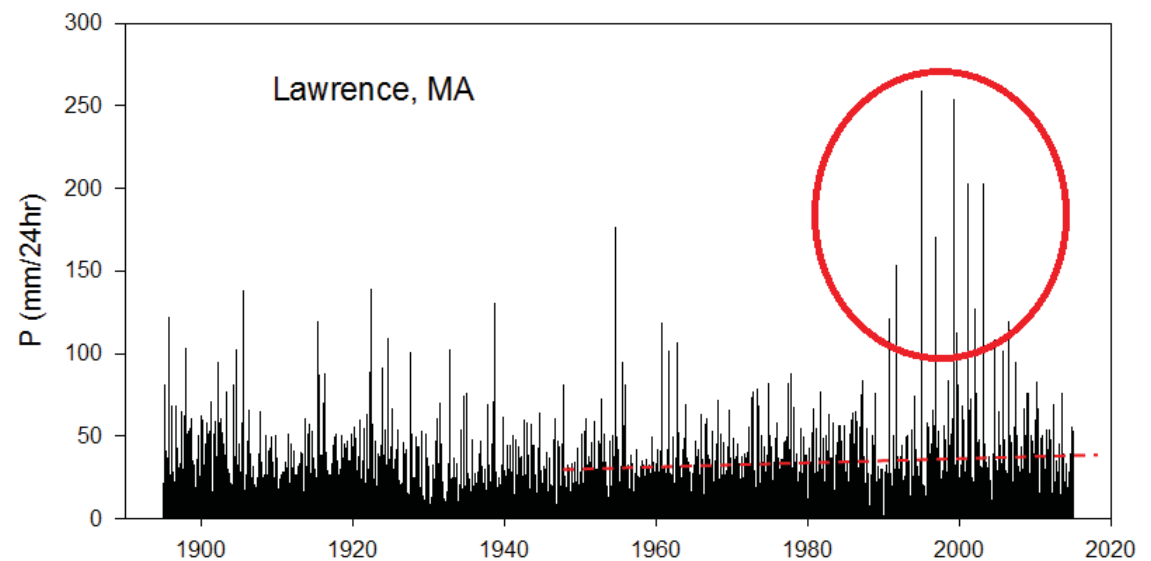


Figure 4.1: Increasing High Intensity Precipitation and Likely Trends, Source: US EPA

facility operated by Waste Management, Inc, is on Marston Street.

Flooding along the Merrimack, Spicket and Shawsheen Rivers continues to be a major concern. A recent conference paper from a team of EPA scientists compared climate data for the Chesapeake Bay, Long Island

Sound, southeast Massachusetts, and Lawrence, see Figure 4.1. It found that Lawrence had the largest increase in high intensity precipitation events during the 1990s-2000s—these events are higher than the upper design storm values used to map the flood plain. In other words, as the climate changes Lawrence will experience more frequent 100 year

storms. The city is concerned about what this means because over 17 percent of the city is within the 100 and 500 year flood plains.

The increased rates of extreme weather events place greater pressure on the built and natural environments to manage water pollution. Lawrence's sewer system typically combines both stormwater and sanitary waste in one pipe. Approximately seventy percent of the city is serviced by this combined system, which flows into interceptor lines leading to the treatment plant in North Andover. Frequently the combined pipes overflow discharging untreated waste into the Spicket and Merrimack Rivers. Upstream from Lawrence combined sewer overflows from Lowell are responsible for elevated bacteria levels above the Great Stone Dam, see Figure 4.2. This potentially creates a public health problem for residents participating in the summer programs at the Greater Lawrence Boathouse and the boating

community.

Additional water quality concerns were documented by three initiatives to collect water quality data in Lawrence. Through an EPA Urban Waters Grant Groundwork Lawrence and the Merrimack River Watershed Council collected samples from eight locations over eight months

to establish a baseline of ten variables. The study concluded the river has favorable temperature, dissolved oxygen, conductivity, and pH levels to fully supportive of aquatic life in warm water fisheries. The study identified pathogens as the primary environmental challenge for the Spicket River. Bacteria levels exceeding the MA single sample

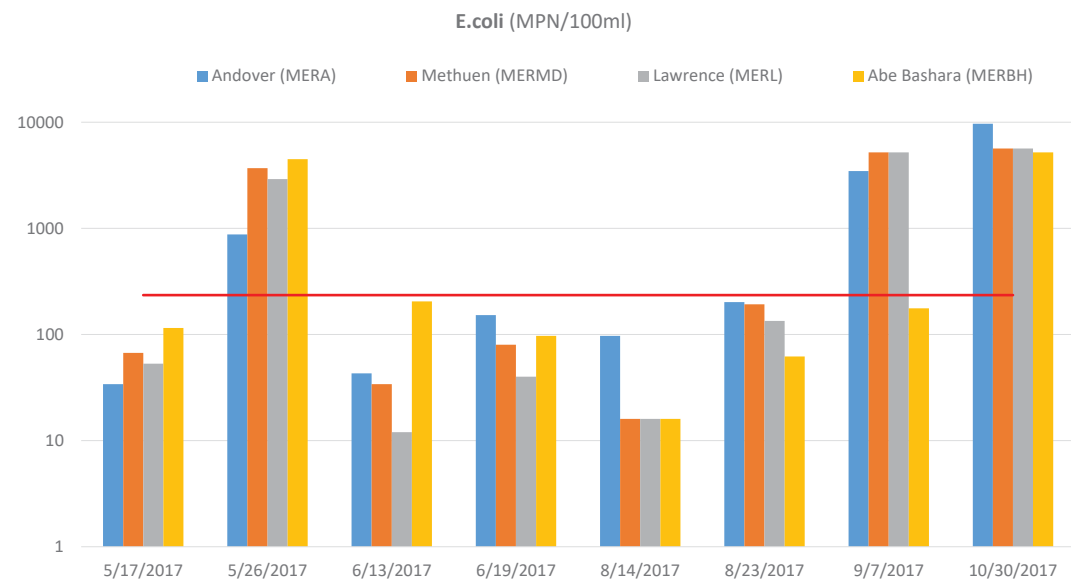


Figure 4.2: Bacteria Levels in the Merrimack River Exceeding State Limits, Source: US EPA

standard were present in 45 percent of the samples collected across all stations. This is an issue of particular concern for the deep pool near Dr. Nina Scarito Park, which is a known swimming area. During the development of the project state officials conducted fish tissue samples at Stevens Pond at Manchester Street Park and at the confluence of the Spicket and the Merrimack. The testing found elevated levels of mercury and DDT and resulted in a fish consumption advisory for the reach of the Spicket River between Stevens Pond and the dam at the Methuen Music hall.

Another water quality assessment project has been undertaken by the US EPA on the Merrimack River. The agency installed two monitoring devices in the Merrimack River with the goal of creating a flag system to alert residents on when it is safe to swim in the river. The data will be plugged into a mobile application that analyzes real time rainfall data to predict elevated levels of harmful bacteria.

During the development of the study the issue of combined sewer overflows in Lowell appeared to be strongly correlated with harmful levels of bacteria in the Merrimack.

Erosion will increasingly become a major issue for the retaining walls along the Spicket River. Unlike the Merrimack River, the Spicket is prone to significant flash flooding. There are many large retaining walls along the river which support buildings and others are retaining walls adjacent to city parks. According to the Spicket River Natural Resources Assessment, the banks of the river are generally steep with slopes averaging 1:1 to 2:1. Most of the bank erosion observed along the Spicket is classified as moderate, however the report highlights nine locations requiring bank stabilization. Locations of concern for public infrastructure include walls or steep slopes at Scarito Park, Immigrant Place Park, and Kennedy Playstead.

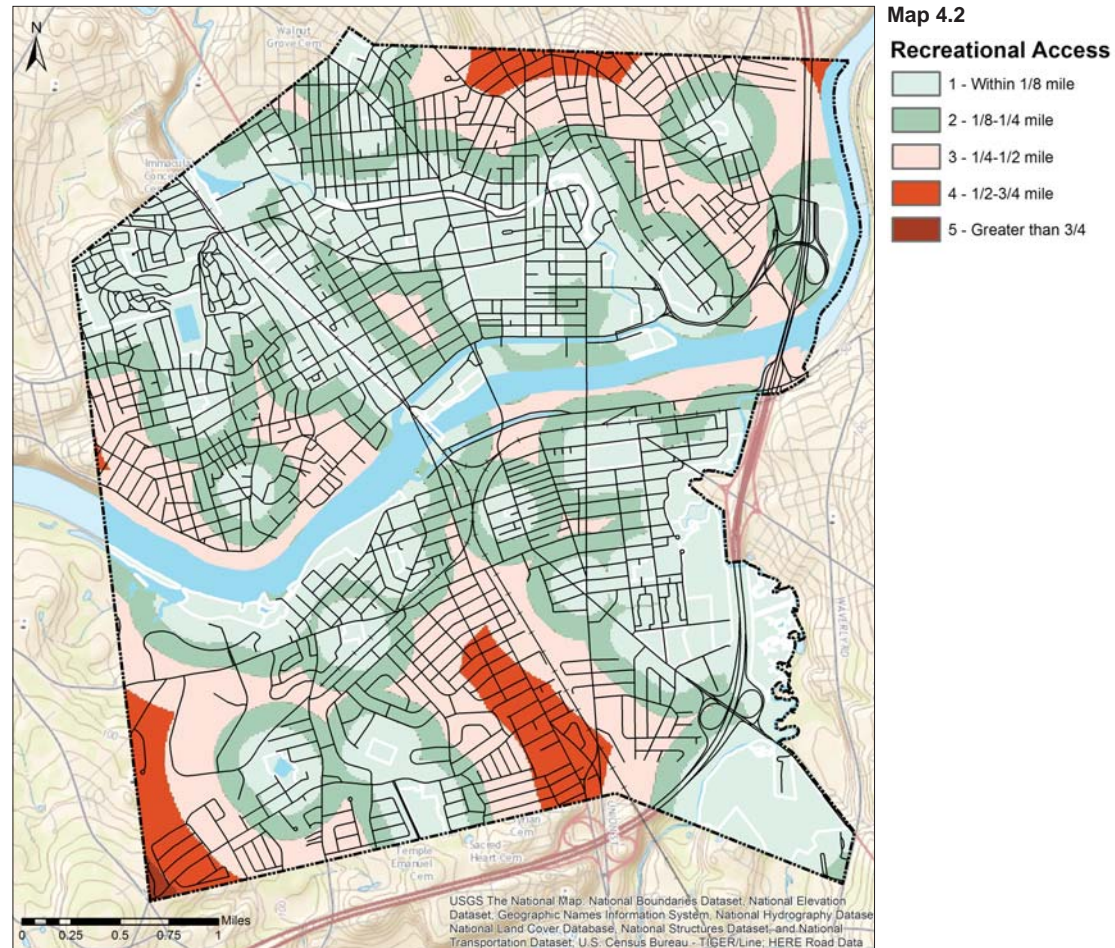
The majority of development in Lawrence takes place on existing developed sites. There are several ways this improves the environment. The city has recently implemented a stormwater ordinance to ensure development on sites greater than an acre meets MassDEP best practices. Additionally, infill development is inherently better than greenfield development because it is serviced by existing infrastructure and it can help stabilize neighborhoods with many vacant lots. Development impacts also create environmental challenges for residents and ecology in the city. Within the neighborhoods most infill development incrementally increases density by adding dwelling units to existing dwellings or building on vacant lots. To manage this increased density property owners frequently pave side yards and backyards to create parking for cars, which negatively impacts public health and increases pollution. Within the mill district a housing boom is underway in which over 1000 dwelling units will



be added where no housing currently exists. This creates the need to plan for recreational amenities such as shared use paths along the Merrimack River and the canals, however great care needs to be taken when considering the equity of park investments to ensure resources are allocated in a manner that helps the city realize the goals outlined in this plan.

## I. ENVIRONMENTAL INEQUITY

Environmental equity refers to the distribution of open space in the city and identifying any areas in the city that are lacking in them. Lawrence residents benefit from a park system whose assets are fairly well distributed throughout the city. The few areas where notable gaps are located are highlighted on the Recreational Accessibility Map 4.2. The map shows the majority of the city's residents are less than a half mile from a park. Notable gaps are the neighborhoods in south Lawrence along the Broadway corridor and





south of Andover Street. This issue is compounded by the Haverhill MBTA Line, which limits this areas connectivity with schools and parks in southeast Lawrence. Another area with limited access to parks is the northeast section of the city including portions of the Prospect Hill neighborhood and a small section of the Arlington neighborhood.

Environmental inequity also needs to incorporate park quality when evaluating the recreational accessibility. The city has undertaken significant renovations to improve park quality, however disparities still exist. The city has three multisport fields shared by its youth and adult soccer leagues resulting in poor field maintenance and reduced participation rates. Pemberton State Park suffers from a lack of meaningful programming and has limited recreational opportunities. This signature park along the Merrimack has unrealized potential. Coyne Park along the Shawsheen River is another park with minimal amenities



John P. Kane Park Ribbon Cutting

for residents. Over time, the City of Lawrence will address these issues and work more broadly to ensure its residents have access to great parks.

## SECTION 5: INVENTORY OF LANDS OF CONSERVATION & RECREATION INTEREST

The City of Lawrence's OSRP takes a broad approach to defining the term open space. We believe open space is any open piece of land that is undeveloped, is predominantly free of structures, and is accessible to the public. Open space can include:

- Parks, gardens, and cemeteries
- Schoolyards
- Public seating areas
- Public plazas and squares
- Vacant lots
- Greenways
- Rail corridors
- Street corridors
- Urban Wilds

Lawrence believes open space delivers multiple public health and ecological benefits. It provides places for family and community development. It relieves stress, encourages active and healthy lifestyles, and enhances the quality of our neighborhoods. Open space provides a mosaic of patches interconnected with linear corridors, which supports ecology in, of, and for the city.

The City of Lawrence has a strong commitment to the protection of all parks within the city. Protection means not tolerating an encroachment that converts all or part of a park into a new and unrelated uses.

This revised OSRP identifies open spaces within Lawrence and recognizes the value of these spaces. This section includes lands within the City of Lawrence currently providing conservation and recreational opportunities as well as those properties that offer the

potential for additional conservation and recreation interest.

*Agricultural Lands:* There are three active farms on public land and 10 community gardens. The Costello Urban Farm is owned by the city and managed by Groundwork Lawrence. Essex County owns a farm located between the Merrimack River and I-495 with Unadilla soils. The US Natural Resource Conservation Service classifies the very fine sandy loam as prime farmland. Louis' Farm is operated by a resident on a city owned lot on Myrtle Street in the Arlington neighborhood. The city and Groundwork Lawrence helped develop the garden.

*Forest Lands:* Significant blocks of forest land are isolated to Den Rock Park, cemeteries, and the Shawsheen Corridor.

*Less-Than-Fee-Interest:* Over the past seven years two projects relied on easements to enable park development.

- Ferrous Site Park: Easement rights granted to the City of Lawrence and Groundwork Lawrence at the Ferrous Site Park. The easement with the Essex Company grants park development rights over 29,200 SF of Merrimack River frontage. The first easement with Ultimate Windows grants access and utility rights over 17,580 SF and the second easement with Ultimate Windows grants conservation / park development rights over 30,711 SF.
- Spicket River Greenway: Park development easement rights granted to the city and Groundwork Lawrence include agreements with the following property owners: Maroon 11,020 SF, Andover Organ 2,312 SF, LoftFive50 2,502 SF, and Lawrence General Hospital 7,107 SF.

*Community Gardens:* The city has ten community gardens managed by Groundwork Lawrence. This network has over 175 active gardeners.

Private Recreation Lands:

- The Boys and Girls Club of Lawrence is on the north bank of the Merrimack River and opened a renovated 58,000 square foot facility in 2006. The club has game rooms, gymnasiums, swimming pool, and a large field.
- The Boys and Girls Club also operates the Beacon Club in South Lawrence whose recreational facilities include an outdoor field and basketball courts. The Lawrence



Giuffrida Place Community Garden

branch of the Merrimack Valley YMCA has a wellness center, two gymnasiums, aquatic center, track and racquetball courts. The YMCA also has sports programs for youth and adults as well as Day Care and After School Care.

- Movement City at Our House, managed by Lawrence CommunityWorks, offers after school programming in dance, music, art and homework help at their facility on Newbury Street.
- The Lawrence Rod and Gun Club owns a two acre wooded parcel abutting the Lawrence Industrial Park. It adjoins land in Andover that has been used since 1947 to promote all legitimate sports with rod and guns. This parcel is the only Chapter 61 parcel in the city.
- Private Estates: There are no large parcels in Lawrence classified as

estates.

- Major Institutional Holdings: Lawrence General Hospital owns an 11.4 acre campus along the banks of the Spicket River.

#### Public Parks and Open Spaces:

- The Department of Conservation and Recreation manages three park units in Lawrence. The Lawrence Heritage State Park Visitors Center is located in a renovated boarding house in the heart of the North Canal Mill District and provides interpretive services, an art gallery, and space for community gatherings. Riverfront State Park, and the Abe Bashara Boathouse are located in South Lawrence provide active and passive amenities such as futsal courts, a playground, and walking trails. Pemberton Park has excellent frontage along the Merrimack River, but this passive space lacks the programming

required for activation and the recently adopted Urban Renewal Plan identified the space as important to the revitalization of Lawrence's waterfront.

- Lawrence has a large and diverse park system providing opportunities for active and passive recreation as well as the protection of interconnected blocks of habitat. Eleven percent of Lawrence's 4,757 acres is categorized as conservation or recreation lands. This open space is comprised of 48 city parks (340 acres), three park units managed by the Commonwealth's Department of Conservation and Recreation (46 acres), and three city managed cemeteries (140 acres).

The following inventory of parks and open spaces describes various attributes of the individual parks in Lawrence. The inventory also includes parcels of interest in public and private ownership.

# CITY OF LAWRENCE OWNED CONSERVATION AND RECREATION PROPERTIES

PUBLIC OWNERSHIP CITY OF LAWRENCE PARKS		ACRES	CURRENT USE				MANAGEMENT AGENCY	RECREATION POTENTIAL 1:BAD / 5:GOOD	PUBLIC ACCESS	ACCESSIBILITY	HISTORIC	DCS / STATE FUNDED	CONDITION 1:BAD / 5:GOOD	ZONING	DEGREE OF PROTECTION
			ACTIVE REC	PASSIVE REC	PLAZA	URBAN WILD									
1	BOURGAIN SQUARE PARK	2.74	X				CoL DPW	5	Y	Y		Y	2.5	I2	ARTICLE 97
2	BRUCE SCHOOL DIAMOND	2.18	X				CoL DPW	3	Y	N			1	R-2 / R2A	UNKNOWN
3	CAMPAGNONE COMMON	17.05	X	X			CoL DPW	5	Y	Y	Y	Y	4	OSR	DEED RESTRICTION ARTICLE 97
4	CONNECTOR ALLEYWAY @ NECC	0.08			X		CoL DPW	1	Y	Y		Y	4	B3	ARTICLE 97
5	COSTELLO PARK	10.60	X	X		X	CoL DPW	5	Y	Y		Y	2.5	OSR	ARTICLE 97
6	COYNE PARK	4.91		X		X	CoL DPW	1	Y	N			2.5	OSR	UNKNOWN
7	CRONIN PARK	0.88	X				CoL DPW	3	Y	Y		Y	3	R4	ARTICLE 97
8	DEN ROCK PARK	79.67		X		X	CoL DPW	3	Y	N	Y		4	OSC	CITY RESOLUTION REQUIRING PARK REMAIN OPEN SPACE IN PURPETUITY
9	DONOVAN PARK	3.18				X	CoL DPW	2	Y	N			2	R3	UNKNOWN



# CITY OF LAWRENCE OWNED CONSERVATION AND RECREATION PROPERTIES

PUBLIC OWNERSHIP CITY OF LAWRENCE PARKS		ACRES	CURRENT USE				MANAGEMENT AGENCY	RECREATION POTENTIAL 1:BAD / 5:GOOD	PUBLIC ACCESS	ACCESSIBILITY	HISTORIC	DCS / STATE FUNDED	CONDITION 1:BAD / 5:GOOD	ZONING	DEGREE OF PROTECTION
			ACTIVE REC	PASSIVE REC	PLAZA	URBAN WILD									
10	Dr. NINA SCARITO PARK	3.09	X	X		X	CoL DPW	3	Y	Y		Y	3	R-2 / R3	ARTICLE 97 AUL
11	DURANT SQUARE	0.04		X			CoL DPW	1	Y	N	Y		3	R2	UNKNOWN
12	FACELLA LOT PARK	0.17		X		X	CoL DPW	2	Y	Y		Y	4	OSR	ARTICLE 97
13	FERROUS SITE PARK	4.49		X		X	CoL DPW	3	Y	Y	Y	Y	4	I2	ARTICLE 97 GROUNDWORK EASEMENTS
14	FRANK W. ROWELL PARK	0.82		X			CoL DPW	2	Y	Y			3	R3	UNKNOWN
15	FROST BASEBALL DIAMOND	3.90	X				CoL DPW	3	Y	Y			4	R1 / R1A	UNKNOWN
16	GAGNON PARK	1.07	X				CoL DPW	3	Y	Y		Y	4	R2 / R2A	ARTICLE 97
17	HAYDEN SCHOFIELD PLAYSTEAD	3.92	X			X	CoL DPW	4	Y	Y		Y	3	OSR	ARTICLE 97
18	HIGHLAND PARK	0.20			X		CoL DPW	1	Y	Y			2	B2	UNKNOWN

# CITY OF LAWRENCE OWNED CONSERVATION AND RECREATION PROPERTIES

PUBLIC OWNERSHIP CITY OF LAWRENCE PARKS		ACRES	CURRENT USE				MANAGEMENT AGENCY	RECREATION POTENTIAL 1:BAD / 5:GOOD	PUBLIC ACCESS	ACCESSIBILITY	HISTORIC	DCS / STATE FUNDED	CONDITION 1:BAD / 5:GOOD	ZONING	DEGREE OF PROTECTION
			ACTIVE REC	PASSIVE REC	PLAZA	URBAN WILD									
19	HOWARD PLAYSTEAD	6.26	X				CoL DPW	5	Y	Y		Y	3	OSR	ARTICLE 97
20	IMMIGRANT PLACE PARK	1.82		X			CoL DPW	1	Y	Y		Y	3	OSR	ARTICLE 97
21	INCINERATOR /MARSTON STREET PARK	10.07	X				CoL DPW	3	Y	Y			3	R2	AUL
22	JAQUES POND	6.47				X	CoL DPW	3	Y	N			3	OSC	UNKNOWN
23	JOHN P. KANE PARK	3.21	X				CoL DPW	4	Y	Y		Y	4	R2	ARTICLE 97
24	LAWRENCE RAIL TRAIL	14.54	X			X	CoL DPW	4	N	N		Y	1	OSR / I3	MBTA OWNS FEE CITY HAS 99 YEAR LEASE FRIEGHT DISCONTINUED
25	LINDQUIST PLAYSTEAD	1.34	X				CoL DPW	3	Y	Y			1	OSR	UNKNOWN
26	MANCHESTER STREET PARK	3.88	X	X		X	CoL DPW	3	Y	Y		Y	3	OSR	ARTICLE 97 AUL
27	MCDERMOTT PARK	0.40		X			CoL DPW	2	Y	N			1	R2	UNKNOWN

# CITY OF LAWRENCE OWNED CONSERVATION AND RECREATION PROPERTIES

PUBLIC OWNERSHIP CITY OF LAWRENCE PARKS		ACRES	CURRENT USE				MANAGEMENT AGENCY	RECREATION POTENTIAL 1:BAD / 5:GOOD	PUBLIC ACCESS	ACCESSIBILITY	HISTORIC	DCS / STATE FUNDED	CONDITION 1:BAD / 5:GOOD	ZONING	DEGREE OF PROTECTION
			ACTIVE REC	PASSIVE REC	PLAZA	URBAN WILD									
28	MISSERVILLE PARK	1.32	X			X	CoL DPW	3	Y	Y		Y	3	R3	ARTICLE 97
29	MOUNT VERNON PARK	12.20	X				CoL DPW	5	Y	Y		Y	4	OSR	UNKNOWN
30	NORTH COMMON REVIVIENDO	0.22	X	X			CoL DPW	2	Y	Y		Y	3	B2	ARTICLE 97
31	O'CONNELL SOUTH COMMON	11.14	X	X		X	CoL DPW	5	Y	Y	Y	Y	2.5	OSR	ARTICLE 97
32	O'NEILL PARK	6.49	X				CoL DPW	5	Y	Y		Y	3	B2 / R3	ARTICLE 97
33	OXFORD PAPER SITE PARK	3.05		X		X	CoL DPW	1	Y	Y		Y	4	I3	ARTICLE 97 AUL NATIONAL REGISTER HISTORIC DISTRICT
34	OXFORD PARK (HANDBALL COURTS)	0.34	X				CoL DPW	2	Y	Y			3	B2	UNKNOWN
35	PARTHUM BASEBALL DIAMOND	1.41	X				CoL DPW	2	Y	Y			2.5	OSR	UNKNOWN
36	PLAINSMAN PARK	0.72		X			CoL DPW	1	Y	Y			3	R3	UNKNOWN

# CITY OF LAWRENCE OWNED CONSERVATION AND RECREATION PROPERTIES

PUBLIC OWNERSHIP CITY OF LAWRENCE PARKS		ACRES	CURRENT USE				MANAGEMENT AGENCY	RECREATION POTENTIAL 1:BAD / 5:GOOD	PUBLIC ACCESS	ACCESSIBILITY	HISTORIC	DCS / STATE FUNDED	CONDITION 1:BAD / 5:GOOD	ZONING	DEGREE OF PROTECTION
			ACTIVE REC	PASSIVE REC	PLAZA	URBAN WILD									
37	RESERVOIR PARK	18.73		X		X	CoL DPW	1	Y	Y			3	R2	NATIONAL REGISTER HISTORIC DISTRICT
38	SHAWSHEEN PARK	47.48	X	X		X	CoL DPW	1	Y	Y			2.5	OSR	UNKNOWN
39	SOUTH LAWRENCE EAST	21.03	X	X		X	CoL DPW	5	Y	Y			3	OSR	ARTICLE 97
40	SPICKET RIVER GREENWAY	5.60		X		X	CoL DPW	4	Y	Y		Y	4	OSC	ARTICLE 97
41	SPRAY PARK AT THE POINT	0.46	X				CoL DPW	2	Y	Y		Y	4	R2	ARTICLE 97
42	STOCKTON PARK	0.37			X		CoL DPW	2	Y	Y			2	OSR	UNKNOWN
43	STORROW PARK	7.79	X	X		X	CoL DPW	3	Y	Y		Y	3	OSR	UNKNOWN
44	SULLIVAN PARK	3.99	X				CoL DPW	4	Y	Y			3.5	OSR	UNKNOWN
45	VAN DOORNE PARK	0.33		X			CoL DPW	2	Y	N			2	OSR	UNKNOWN

# CITY OF LAWRENCE OWNED CONSERVATION AND RECREATION PROPERTIES

PUBLIC OWNERSHIP CITY OF LAWRENCE PARKS		ACRES	CURRENT USE				MANAGEMENT AGENCY	RECREATION POTENTIAL 1:BAD / 5:GOOD	PUBLIC ACCESS	ACCESSIBILITY	HISTORIC	DCS / STATE FUNDED	CONDITION 1:BAD / 5:GOOD	ZONING	DEGREE OF PROTECTION
			ACTIVE REC	PASSIVE REC	PLAZA	URBAN WILD									
46	VETERANS' MEMORIAL STADIUM	6.74	X				CoL DPW	5	Y	Y			5	OSR	UNKNOWN
47	WAREHOUSE SQUARE	0.13			X		CoL DPW	1	Y	Y		Y	4	I3	ARTICLE 97 DEED RESTRICTION
48	WILLIAM KENNEDY PLAYSTEAD	2.96	X	X			CoL DPW	4	Y	Y		Y	3	R3 / I2	ARTICLE 97
	TOTAL	339.48													



## SECTION 6: COMMUNITY GOALS

The planning process associated with the update of Lawrence's Open Space and Recreation Plan (OSRP) has stimulated an important conversation about parks and open space goals. New leadership within the city has taken a keen interest in professionalizing the management of the city's existing park assets while strategically creating new parks. Overall residents and city planners have prioritized the development of a connected network of parks and open spaces through the creation of greenways and rail trails. As the city implements this plan it strives to provide residents with a safe and well managed park system that provides residents with easy access to quality parks.

### A. DESCRIPTION OF PROCESS

As part of the OSRP update, Groundwork Lawrence conducted extensive public outreach, individual interviews with local officials, stakeholder interviews, a focus group with league representatives

and distributed open space plan surveys in English and Spanish. Groundwork Lawrence presented the OSRP update to Neighborhood Associations, the City of Lawrence Mayors Health Task Force, Healthy Active Living Working Group, the Conservation Commission, Planning Board, Historical Commission, Board of Health, and Lawrence Redevelopment Authority. A small number of residents participated in two community meetings but over 360 residents completed surveys. See Attachment D for full survey results. Below is a summary of the outreach and presentations made for the Open Space Plan.

- One on one interviews were conducted with Carlos Jaquez, Director of Public Works; Susan Fink, Interim Director of Community Development Department; Nelson Ortiz, Department of Recreation; City Councilor Marc Laplante, City Councilor Myra Ortiz, City Councilor Jeovanny Rodriguez, and Gonzalo who

manages "Mosquitos de Guatemala" soccer league, who represents 300 players/families who use the West Street field for soccer.

- Presentations were made to the City of Lawrence Mayors Health Task Force, Healthy Active Living Working Group, Lawrence Senior Center, Planning Board, Conservation Commission, Board of Health, Historical Commission and the Lawrence Redevelopment Authority
- Presentations were made at the following neighborhood association meetings: Mount Vernon, South Common, Tower Hill, District A, Colonial Heights Neigh, South Lawrence West, Arlington Breakfast Club, and LAANA. We attempted to present at the Prospect Hill Back Bay neighborhood association meeting unfortunately the meeting was cancelled twice due to inclement weather so outreach was conducted

through email to all of their members.

- Presentations made and surveys collected at the following schools: Lawrence High School, Guilmette Middle School, Oliver Partnership School and the Lawrence Family Development Charter School. At the charter school we engaged residents in class and at a parent breakfast.
- Outreach conducted through email (with link to survey and information regarding public meetings): Neighborhood Associations, Lawrence CommunityWorks staff and members (membership of 3,500), Mayors Health Task Force (listserve has 138 partner organizations), City Councilors, Northern Essex Community College, tenants of Everett Mill, Riverwalk Property tenants, tenants of 60 Island Street.
- Outreach also conducted by utilizing TV, radio and print mediums,

Lawrence cable access television, local bilingual newspaper RUMBO (circulation of 5,000 - 1/4 page flyer in 4 issues) and during the Mayors radio show “la alcadia”.

- Outreach at Community Events - NECC/Community Group’s Wellness Fair, Lawrence CommunityWorks – “Marketplace”, LMCC Family Bingo Night, and Fiesta de Salud/Health Fair.
- Flyers and business cards were created about the survey and public meeting and distributed in the following places: Lawrence Public Library – North & South Branch, Mayors Health Task Force, El Taller – local bookstore / café, Healthy Active Living Working Group, NECC / Community Group Wellness Fair, Lawrence Public Schools Family Resource Center, Lawrence CommunityWorks, Lawrence Heritage State Park, 60 Island Street. Flyers were displayed on Lawrence

Community Access Television, Lawrence Public Schools Mobile Market (350 families), YWCA, YMCA, Bell Tower Café, and the Lawrence Senior Center.

- Web / Social Media: A website was created [lawrenceparksrecreationplan.com](http://lawrenceparksrecreationplan.com) as a tool for outreach and information about the plan, the survey, and meetings. Information about the survey was also posted on the City of Lawrence website, “Latest News” section on the front page. Notice of the survey, meetings and preliminary findings also posted on Facebook and Groundwork Lawrence blog, Lawrence CommunityWorks also shared on their Facebook feed.
- Groundwork Lawrence hosted two public meetings on March 1 and May 17 and a drop in session on April 27 in collaboration with the Youth Network of the Mayors Health Task Force.

## **B. Statement of Open Space and Recreation Goals**

Through the Open Space Plan meetings Lawrence residents visualized many improvements not just to the parks and open space but the city's infrastructure and community as a whole. Feedback highlighted that the existing density and diversity of the city can be expanded upon and enhanced through stronger open space connectivity, public involvement, and municipal oversight. Lawrence's community vision for infrastructure and public open space includes safe spaces, clean spaces and a consistently maintained park and trail system. Across the board residents sought more maintenance in parks and public space. Maintenance includes trash removal, lawn and planting care, equipment repair and brush removal. The citizens who attended the meetings and responded to surveys envision walking through their neighborhood or even from one end of the city to the other through

well maintained trails and clean parks in good repair. Well maintained parks and trails, safe bicycle routes, and activities for youth and teens creates a healthy Lawrence community. A community as a whole is healthy because of safe access to parks and open space across their city.

This community vision can be realized through further public-private partnerships, support of DPW, and systematic enhancement of trail connections between parks and the region. Lawrence is a small community with fantastic resources that can be shared and enjoyed by residents and the Merrimack Valley region.



Spray Park at the Point

## C. GIS ANALYSIS

The Lawrence Open Space and Recreation Plan also used GIS analysis to develop community goals and action items. The analysis drew on a Park Planning and Assessment Tool developed for the Commonwealth's Gateway City Parks Program.

This GIS tool uses publicly accessible quantitative data from the state and the city to determine the suitability of park acquisition and reinvestment. We used six assessment criteria represented by between one and four spatial proxies (see Table 6.1). We determined what data we should use based on how relevant it was for Lawrence specifically, and availability of relevant data from the City of Lawrence and MassGIS.

The spatial proxies were merged into one assessment criteria map we undertook a GIS analysis. Each of the spatial proxies are quantitatively mapped over a grid on

Table 6.1: Park Planning and Assessment Criteria		
	ASSESSMENT CRITERIA	SPATIAL PROXIES
1	Open Space Priorities	Park projects identified by city / stakeholders
2	Social and Environmental Justice	Income Language Isolation Educational Attainment
3	Open Space Accessibility	Proximity / distance to existing parks and open spaces
4	Population	Densities of populations 18 and under Densities of populations 61 and over
5	Development Priorities	Development areas identified by city / public authorities
6	Historic and Conservation	Historic Districts Impervious Surface NHESP Priority Habitats of Rare Species + NHESP Estimated Habitats of Rare Wildlife

the map. Each spatial proxy was broken up into class breaks of a binary system, or a scale of 1 to 5. Each cell on the grid was given a value based on the spatial proxy, or proxies, that were represented in that cell. A higher number for a cell meant that there was a higher suitability for park acquisition or reinvestment. See Attachment B for analysis maps.

1. *Open Space Priorities:* These are open space areas in the city that have already been flagged as areas that will be worked on in the near future.
2. *Social and Environmental Justice:* This criterion is made up of three spatial proxies: Education attainment,

English language isolation, and Low income. The information for these three areas was retrieved from the 2010 census data on MassGIS. We did not include Minority Population because the entire city meets the criteria for Minority Population and so this shows no effect on the results. This information is relevant because we should focus acquisition and reinvestment in the neighborhoods that are dealing with more barriers.

3. **Open Space Accessibility:** We created buffers of 1/8, 1/4, 1/2, 3/4, and 1 mile, for each open space. This information is relevant because it shows us which areas in Lawrence do not have open space in close proximity.
4. **Population:** This criterion is made up of two spatial proxies: Population 18 and under, and Population 65 and older. This data was retrieved from the 2010 census data on MassGIS. This information is relevant because

these are two populations who face more barriers than other age groups.

5. *Developmental Priorities:* These are the priority areas in Lawrence where the city intends to invest in new development. This information is relevant because it shows areas that will have an increased amount of use, and possible new demand for open space in the near future.
6. *Historic and Conservation:* This criterion is made up of five spatial proxies: Historic Districts, Flood Zones, Land Cover, NHESP Endangered Species Priority Areas, and Wetlands. This information is relevant because it shows the natural and historic resources in the city which we should consider protecting. It also maps out the connection between habitats across the city.

## Park Suitability Mapping

Once the six assessment criteria maps were created, we combined all of them into three Park Suitability maps to see how they interacted with each other and to test the model (see Attachment B).

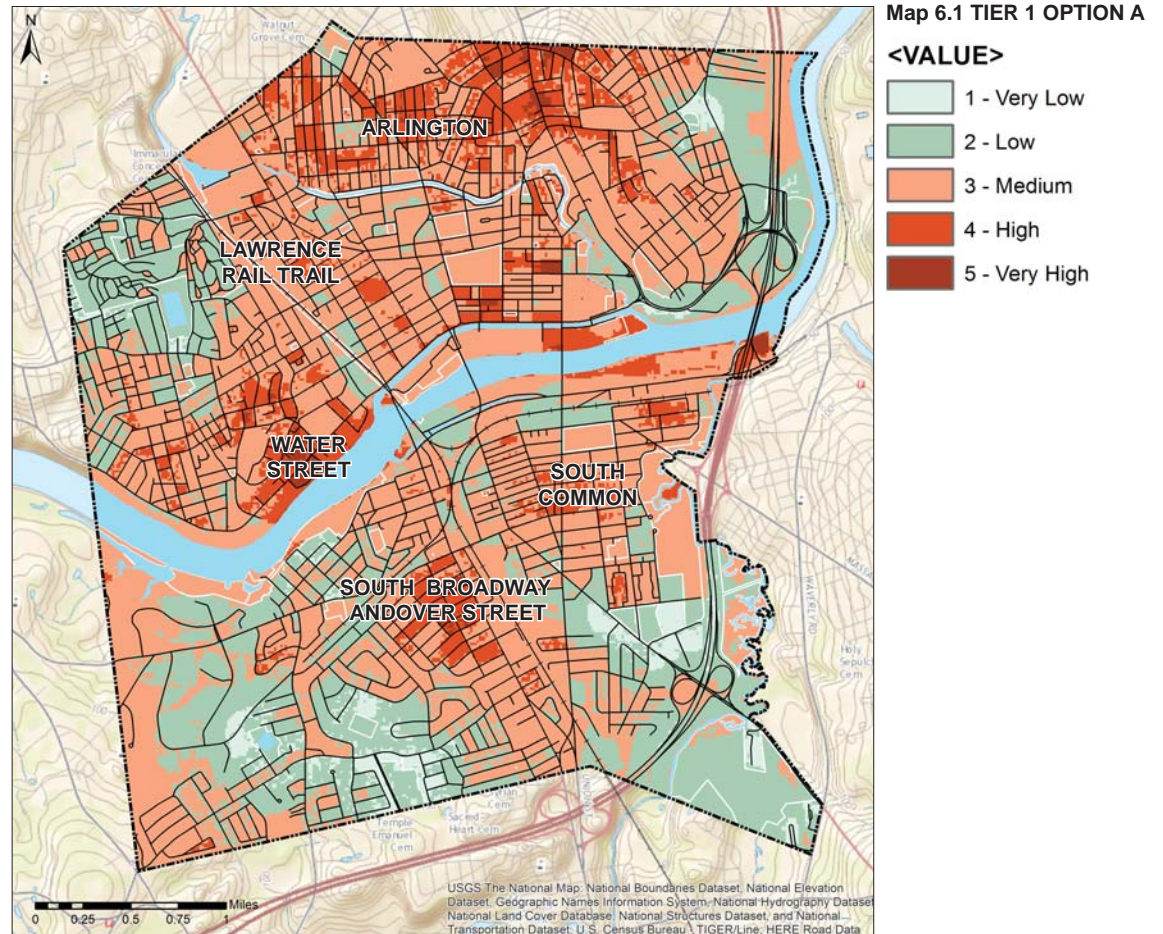
1. **Tier 1 Option A:** In order to eliminate local bias, this map excludes open space priorities and development priorities. Equal weights are applied to each assessment criteria.
2. **Tier 1 Option B:** This map includes all six assessment criteria with equal weights.
3. **Tier 1 Option C:** City officials and community stakeholders weighted each of the six criteria to better reflect local priorities and refine the map. Assessment criteria are assigned the following weights: Open Space Priorities 31.6%, Social and Environmental Justice 21.6%, Open



Space Accessibility 16.6%, Population 16.6%, Developmental Priorities 6.6%, Historic and Conservation 6.6%.

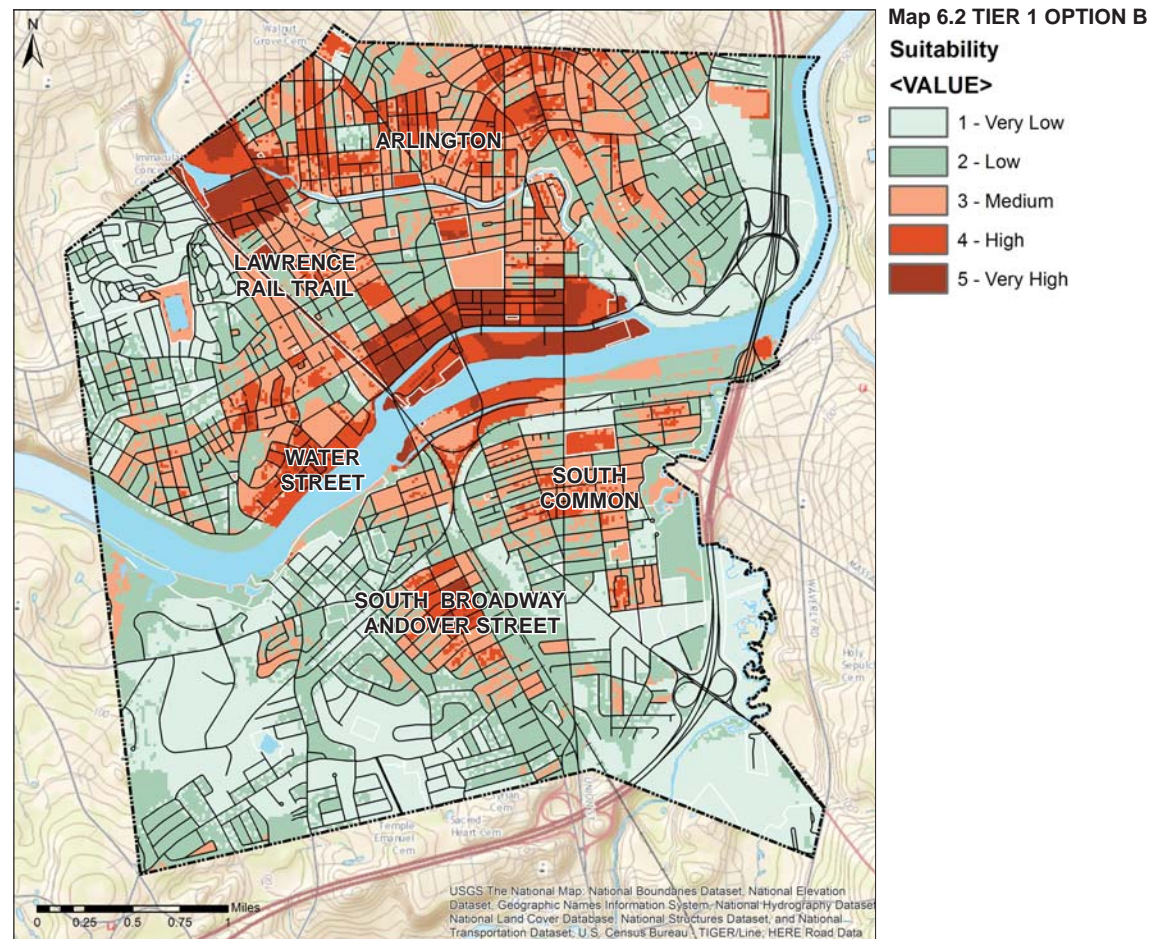
With all of the maps combined, certain areas in the city began to pop out as areas we should make priorities.

1. The Water Street corridor ranked highly for park investment in all three maps. This area of the city has a high concentration of population and social / environmental justice spatial proxies with an important Merrimack riverfront component. Accessibility to parks (particularly on the Methuen city line) is also an important criterion influencing the results.
2. The South Broadway / Andover Street corridor contains little existing parkland and a high density of high of population and social / environmental justice spatial proxies.
3. The Arlington neighborhood



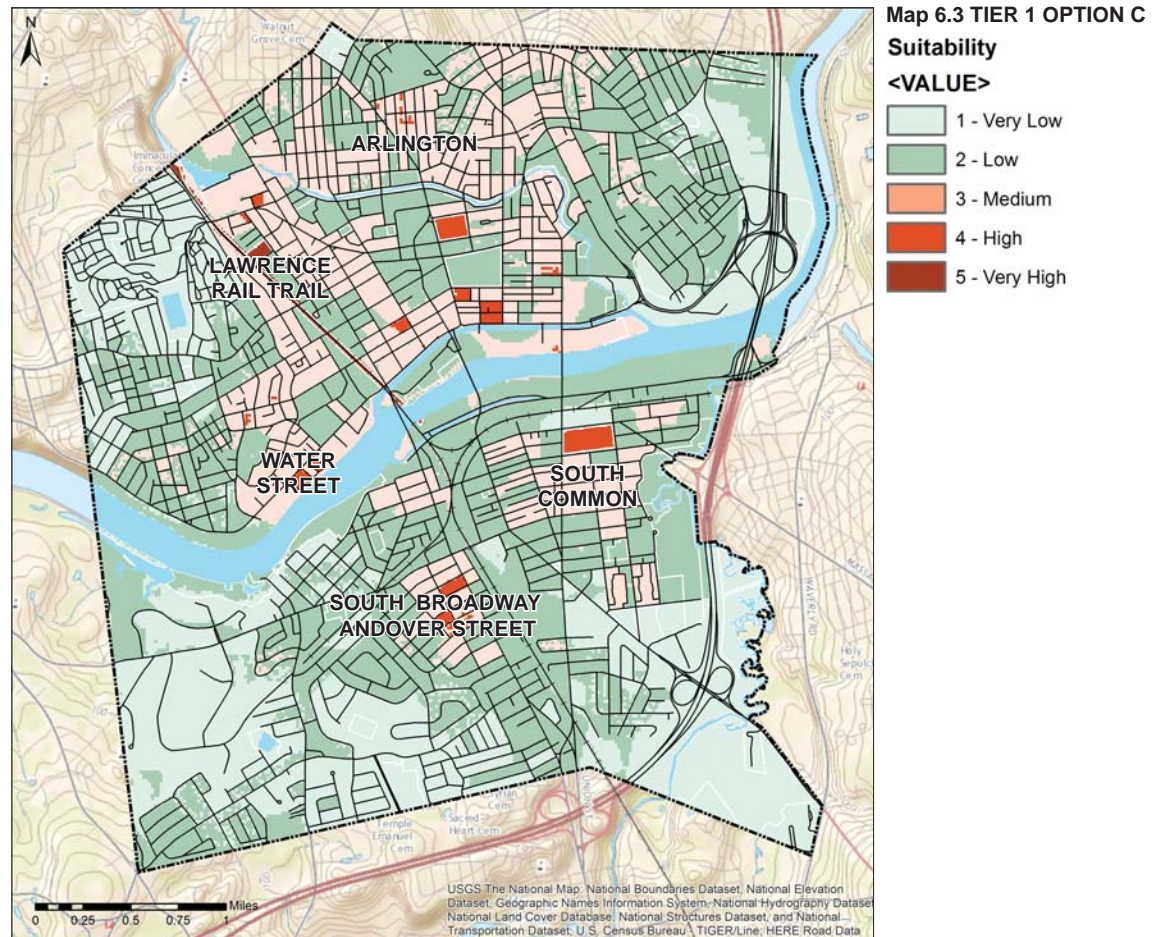
continues to rank highly for park investment. This area of the city has a high concentration of population and social / environmental justice spatial proxies with important Spicket riverfront component. Accessibility to parks (particularly on the Methuen city line) is also an important criterion influencing the results.

4. The South Common neighborhood is highly ranked. This area of the city has a high concentration of population and social / environmental justice spatial proxies.
5. The Lawrence Rail Trail corridor ranks moderately high. This area of the city has a high concentration of population and social / environmental justice spatial proxies.





These maps provide a great visual for determining open space and recreation projects for the city. However, the one drawback is the lack of qualitative data. With an understanding of park condition, it will be easier to determine areas in the city that need more investment.



## SECTION 7: ANALYSIS OF NEEDS

Lawrence is fortunate to have a large park system providing opportunities for active and passive recreation as well as the protection of interconnected blocks of habitat. This open space is comprised of 48 city parks (340 acres), three park units managed by the Commonwealth's Department of Conservation and Recreation (46 acres), and three city managed cemeteries (140 acres).

Table 7.1 outlines the types of parks managed by the City of Lawrence. This analysis shows the majority of Lawrence's parks contain active recreation amenities. Baseball diamonds are the most common active recreational amenity followed by playgrounds. Urban wilds, remnants of Lawrence's original ecosystem, are also well represented in the city's park system. Significant historic resources are well represented in Lawrence's park system. For example, the Campagnone Common is an important historic landscape and Den Rock Park contains archeological resources.

Table 7.2 outlines the sizes of parks managed by the City of Lawrence. The majority of parks are less than three acres and 29 percent are less than one acre. Lawrence is fortunate that 54 percent of parks are larger than three acres because large parks accommodate a more uses resulting in increased activation.

Table 7.1 Lawrence Park Types	
ACTIVE RECREATION	29
PASSIVE RECREATION	23
ACTIVE AND PASSIVE RECREATION	8
PLAZA	4
URBAN WILD	18
HISTORIC RESOURCE	5
DCS / STATE FUNDED	26

Table 7.2 Lawrence Park Sizes	
LESS THAN 1 ACRE	14
1-3 ACRES	8
3-5 ACRES	10
5-7 ACRES	5
7-10 ACRES	1
10-20 ACRES	7
20+ ACRES	3

### A. SUMMARY OF RESOURCE PROTECTION NEEDS

*Waterways and Wetlands:* Three rivers run through the City of Lawrence: the Merrimack, the Spicket, and the Shawsheen. These three rivers, in combination with the North and South Canals, the Reservoir on Tower Hill, Stevens Pond and Jacques Pond constitute an unusual and important concentration of water resources. These resources are vitally important from an ecological, historical, and recreational

standpoint (see Section 4) for more information about the city's water resources). Protecting the city's waterways is vital to improving the health of regional ecosystems, as well as enhancing Lawrence as a place to live, work, and do business.

As previously mentioned in Section 4, the largest area of wetlands in the city is contained within the Shawsheen River corridor in south Lawrence. The two isolated wetlands in the city are within a 3.4 acre site owned by the city that includes a neighborhood playground, Donovan Park, and Jacques Pond located off Genesee Street in South Lawrence. The Friends of Jacques Pond Association is currently determining the best means for further protection of this resource. Buffers enhance viability of resource habitat areas and help filter runoff before reaching water bodies. Buffer zones are important in preserving the "physical, chemical, and biological" characteristics of wetlands and waterways.

*Forests and Tree Canopy:* Groundwork Lawrence, the Commonwealth and the city have partnered to implement a Greening the Gateway City tree planting program designed to increase the urban tree canopy. The goal is to plant over 2400 trees in targeted neighborhoods. This partnership builds on Groundwork Lawrence's "Green Streets" Program that provides trees to homeowners for their yard. The residents receive a planted tree and instructions on maintaining the tree for its first two years.

Lawrence first achieved "Tree City USA" status in 2002 and has successful collaborations state and federal agencies to strengthen the urban tree canopy, identify improvement projects for the same and plan a tree inventory of Lawrence's trees. The support from DCR and the USFS also provided GIS analysis to highlight areas of need for increased tree canopy. The study of Lawrence's street trees shows that the city is overplanted with Norway Maples

which has the potential to provide optimal conditions for insects and disease through this lack of diversity. The Norway Maple is also an invasive species that reseeds aggressively and out competes other species. The Greening the Gateway Cities tree planting program builds on these studies and strives to create a resilient urban tree canopy.

*Gardening:* Growing food on vacant lots continues to be a favored pastime of Lawrence residents. The soils in which residents grow are typically urban fill that may contain environmental contaminants. Typical problems with urban soils include lead contamination, polycyclic aromatic hydrocarbons (PAH's) and other heavy metals. To address this issue the City identified small undevelopable vacant lots and transformed them into community gardens with safe soils and free water.

*Historic Sites:* The City of Lawrence has a wealth of historic buildings, parks and



infrastructure with regional and national significance. In the context of open space protection, the most important historic sites are the North and South Canals, the Reservoir, the North and South Commons, and the cemeteries. The North Common was part of the original plan for the city prepared by Charles Storrow, and includes open lawns, recreational facilities, walking paths, performance spaces, play equipment, a baseball field, and historic monuments. In fact, in 1857 a gold fish pond was installed at the North Common with a public groundbreaking. The goldfish pond was replaced in 1914 with an artificial pond and fountain. The Leonard Bernstein Stage now stands in place of the fountain. The South Common offers many of the same amenities, with more space dedicated to recreational facilities.

The city's three cemeteries, located on Tower Hill, collectively make up more than 130 acres of land. These cemeteries offer a peaceful, green setting with

walking paths and trees. Although they are not officially designated as city parks, they are frequently used for walking and jogging by nearby residents. The cemeteries are also significant historic sites and should be considered part of the city's open space system. Built in 1847, Bellevue Cemetery was listed in the National Register of Historic Places in 2003. Another site only tangentially discussed in Open Space Planning is the Reservoir on Tower Hill. A number of residents frequently use this area for walking and quiet reflection. The Reservoir is protected by OSR Zoning, local historic district designation, and is maintained by standards protecting the water quality although there has been little aesthetic enhancement in regards to benches or permanent shade structures.

## B. SUMMARY OF COMMUNITY'S NEEDS

Outreach to residents, stakeholders and local officials was undertaken to determine the needs of the community. Below is a summary of the important findings:

- The word cloud to the right highlights the most common responses to open ended survey questions (Park, 19 percent; Fields, 13 percent; Soccer, 11 percent; and, Kids/Children, 11 percent).
- The planning process showed that residents value their park system very much. Residents are most satisfied with recreation opportunities offered to younger age groups. In fact, 61 percent of survey respondents expressed satisfaction with play opportunities for 5 to 12 year olds. However, satisfaction levels declined for older age cohorts.



- The survey showed residents overwhelmingly identified walking (89 percent) as the most common recreation activity in the city followed by biking (49.5 percent) and community events (47.5 percent). (See Table 7.3)
- When asked to rank priorities for the park system survey responses centered on quality of life issues. The top priorities include cleaning / litter removal, 79.4 percent; lighting, 77.1 percent; walking paths, 63.5 percent; and, security 62.3 percent.
- Stakeholder outreach all highlighted the need to maintain existing parks. This includes keeping parks clean and repairing existing amenities.
- Youth recreational soccer has only recently taken hold in Lawrence. The need to maintain the city's three soccer fields and develop an artificial turf field was identified as a high

**Table 7.3 Which of these recreational activities does your household participate in. Check all that apply.**

Answer Options	Response Percent	Response Count
Walking	89.0%	266
Bicycling	49.5%	148
Community Events	47.5%	142
Running / Jogging	44.8%	134
Playgrounds	38.5%	115
Basketball	35.5%	106
Gardening	34.1%	102
Swimming	31.4%	94
Soccer	27.4%	82
Volleyball	19.1%	57
Football	18.4%	55
Senior Center Programs	16.7%	50
Dominoes	15.4%	46
Other:	15.1%	45
Tennis	14.0%	42
Fishing	13.4%	40
Skateboarding	8.4%	25
Handball	5.0%	15
Baseball	1.7%	5
Softball	1.0%	3
	<b><i>answered question</i></b>	<b>299</b>
	<b><i>skipped question</i></b>	<b>15</b>

priority by residents.

The Massachusetts Statewide Comprehensive Outdoor Recreation Plan (SCORP) relates to Lawrence in a number of significant ways. Lawrence's park system strives to meet the needs of underserved populations by providing parks within walking distance of all residents. The city has undertaken renovations of its playgrounds to increase accessibility for those with disabilities by installing poured in place rubber surfacing instead of wood chips. The city is integrating the needs of this population into phase three renovations at the O'Connell South Common, which will include playground equipment suitable for children with physical and emotional disabilities. Phase two renovations at the South Common will increase the number of basketball courts to meet the needs of teenagers, which is an age group most park planners overlook.

Another way the city's park system addresses the goals of the SCORP is

Table 7.4 What are your priorities for Lawrence's parks? Check all that apply.		
Answer Options	Response Percent	Response Count
Cleaning / Litter removal	79.4%	246
Lighting	77.1%	239
Walking paths	63.5%	197
Security	62.3%	193
Playgrounds	55.8%	173
Bathrooms	54.2%	168
Children's play equipment	53.9%	167
Benches / Tables	52.6%	163
Paths	49.7%	154
Recreation / Sports programs	48.1%	149
Sport fields	43.9%	136
Dog park / run	35.8%	111
Drinking fountains	35.2%	109
Public art	34.2%	106
Beach on the Merrimack River	25.5%	79
Track	21.6%	67
Pool	17.1%	53
Synthetic turf fields	17.1%	53
Dominoes	16.1%	50
Other:	9.7%	30
	<i>answered question</i>	310
	<i>skipped question</i>	4

through the development of off street paths and trails. Recent efforts have included planning and construction of trails connecting Lawrence with Andover and North Andover. More substantial design efforts are underway on the 1.5 mile long Lawrence Rail Trail which will link to the 2.1 mile long Methuen Rail Trail. Over the past seven years the city has successfully transform the former Oxford Paper site and the Ferrous Technologies Site into urban greenways with significant connections to the Merrimack and Spicket Rivers. Despite these successes, significant opportunities exist.

Lawrence's roots as a planned industrial city greatly benefits its ambitions to establish an interconnected system of greenways and parks organized along a framework of rail and riparian corridors. Successful completion of these projects would provide Lawrence residents with wonderful health and wellness benefits.

The Spicket River Greenway has at least two on street sections that could be eliminated through thoughtful planning.

The Shawsheen River Trail would benefit from vegetation management to increase visual connectivity to the path and the river.

The Merrimack Riverwalk Trail has long been a priority for advocates seeking to ensure public access to the waterfront.

The north bank of the Merrimack River between the water treatment plant and the Boys and Girls Club is publicly owned and should be evaluated for park opportunities.

Lawrence Rail Trail construction plans are in development to create a 14 acre 1.5 mile long linear park linking Stevens pond to the south bank of the Merrimack.

According to Recreation Department records, adult softball leagues that they

manage have 107 teams and serve 2,300 residents and the street hockey league has 10 teams that play once a week. Additionally, the Recreation Department permits 77 adult teams of soccer, softball, basketball and women's volleyball for a total of 1,500 active adults. Additional leagues permitted by the Recreation Department include eight Little Leagues, two youth football leagues and youth soccer.

### **C. Management Needs, Potential Changes of Use**

The Lawrence Department of Public Works (DPW) has a staff of five laborers who focus on maintenance of the city's streets and parks. The recently hired DPW director is focused on building the capacity of its staff while identifying opportunities to outsource certain park maintenance activities.

In highlighting maintenance and litter in the city parks, residents also discussed



the vacant and abandoned properties and the alleyways. Residents see these spaces as a large opportunity for open space improvement if developed into positive uses. Specific community objectives included creating an inventory of vacant land and reclaiming it for a host of uses such as new recreation spaces, community gardens or beautification, and dog parks.

The survey responses to the questions regarding changes for adults, changes for youth, overall goals, and concrete actions all show a desire for age and gender focused times on the basketball courts, well maintained soccer fields, and an artificial turf multi sports pitch to reduce maintenance and increase playing time. There were additional comments on creating better access and amenities for the elderly. Some suggested programming activities included concerts, clean-ups, movie nights, sporting events, and environmental education.

Currently there is one project that may result in a change of park use. The Bruce School may expand and result in the elimination of a baseball diamond. Gagnon Park is across Providence Street from the Bruce School and has a recently renovated playground and baseball diamond.

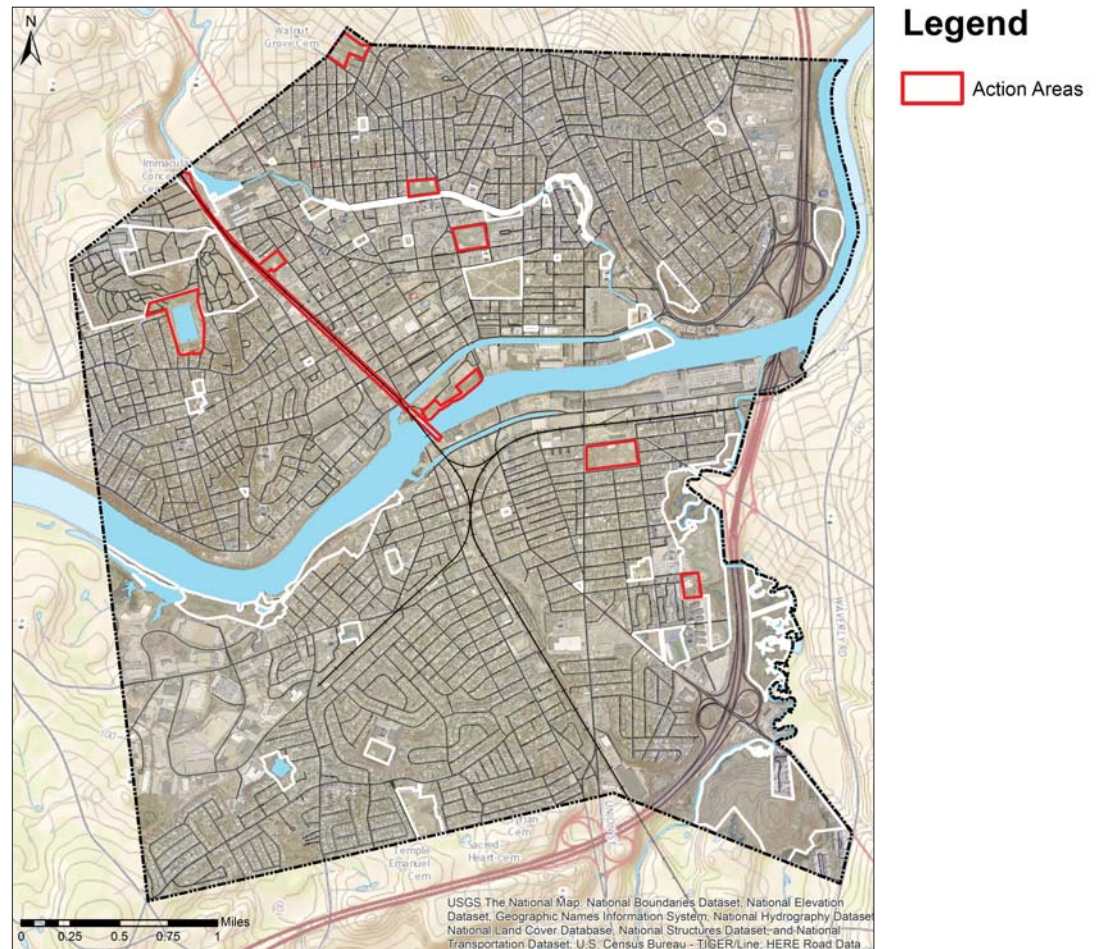
## SECTION 8: GOALS & OBJECTIVES

The City of Lawrence developed the following goals and objectives to provide an excellent park system with passive and active recreational opportunities that is equitable for all residents, enhances important natural resources, and values the preservation of the city's historic resources. This framework was developed through considerable outreach undertaken during the development of this plan.

1. Meet the recreational needs of all residents by providing a diverse range of park amenities that appeals to all ages, genders, and abilities.
2. Increase resident awareness about the natural, cultural, recreational, and historic resources provided by Lawrence's park system.
3. Preserving and maintaining Lawrence's historic resources and its rich cultural heritage.
4. Provide residents with alternative transportation options through the establishment of an interconnected system of rail trails, riverwalks, and greenways.
5. Continue to provide opportunities for urban agriculture as a source of local, fresh food for residents.
6. Meet the evolving needs of residents by maintaining and renovating existing parks and open spaces.

## SECTION 9: ACTION PLAN

The City of Lawrence developed the following goals and objectives to provide an excellent park system with passive and active recreational opportunities that is equitable for all residents, enhances important natural resources, and values the preservation of the city's historic resources. This framework was developed through considerable outreach undertaken during the development of this plan.

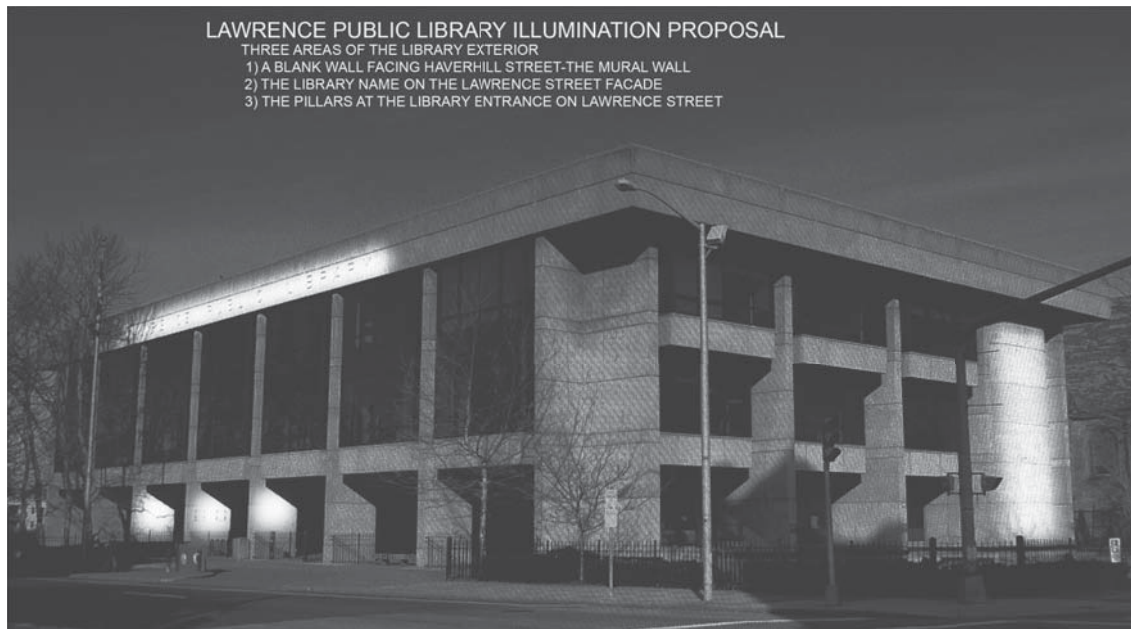


Goal 1. Meet the recreational needs of all residents by providing a diverse range of park amenities that appeals to all ages, genders, and abilities.						
TASK	ACTION	LEAD	TARGET FUNDING SOURCES	IMPLEMENTATION		
				NEAR TERM	MID TERM	LONG TERM
1	Install pathway lighting at the O'Connell South Common	OPD, DPW	State, CDBG, City	X		
2	Renovate and expand the playground at the O'Connell South Common	OPD, DPW	State, CDBG, City	X		
3	Construct a spray park at the O'Connell South Common	OPD, DPW	State, CDBG, City	X		
4	Preserve and renovate the bandstand at the O'Connell South Common	OPD, DPW	State, CDBG, City	X	X	
5	Construct volleyball courts at the O'Connell South Common	OPD, DPW	State, CDBG, City	X		
6	Construct a multi-sport court at the existing hockey rink at the O'Connell South Common	OPD, DPW	State, CDBG, City	X		
7	Renovate O'Neill Park	OPD, DPW	State, CDBG, City		X	
8	Renovate Reservoir Park	OPD, DPW	State, CDBG, City			X

Goal 2. Increase resident awareness about the natural, cultural, recreational, and historic resources provided by Lawrence's park system.						
TASK	ACTION	LEAD	TARGET FUNDING SOURCES	IMPLEMENTATION		
				NEAR TERM	MID TERM	LONG TERM
1	Create poster promoting Lawrence's park system	OPD, GWL	State, CDBG, City	X		
2	Update park information on the city's website	OPD, GWL	State, CDBG, City		X	
3	Promote Lawrence's park system via social media	OPD, GWL	State, CDBG, City	X		
4	Investigate mobile phone app with information on Lawrence Parks	OPD, DPW, GWL	State, CDBG, City	X	X	

Goal 3. Preserve and maintain Lawrence's historic resources and its rich cultural heritage.						
TASK	ACTION	LEAD	TARGET FUNDING SOURCES	IMPLEMENTATION		
				NEAR TERM	MID TERM	LONG TERM
1	Preserve and renovate the bandstand at the O'Connell South Common	OPD, DPW, GWL	State, CDBG, City	X	X	
2	Install interpretive signage at Ferrous Site Park	GWL	Funded	X		
3	Implement interpretive lesson plans at Ferrous Site Park	GWL	Funded	X	X	X





Proposed improvements at the Lawrence Public Library

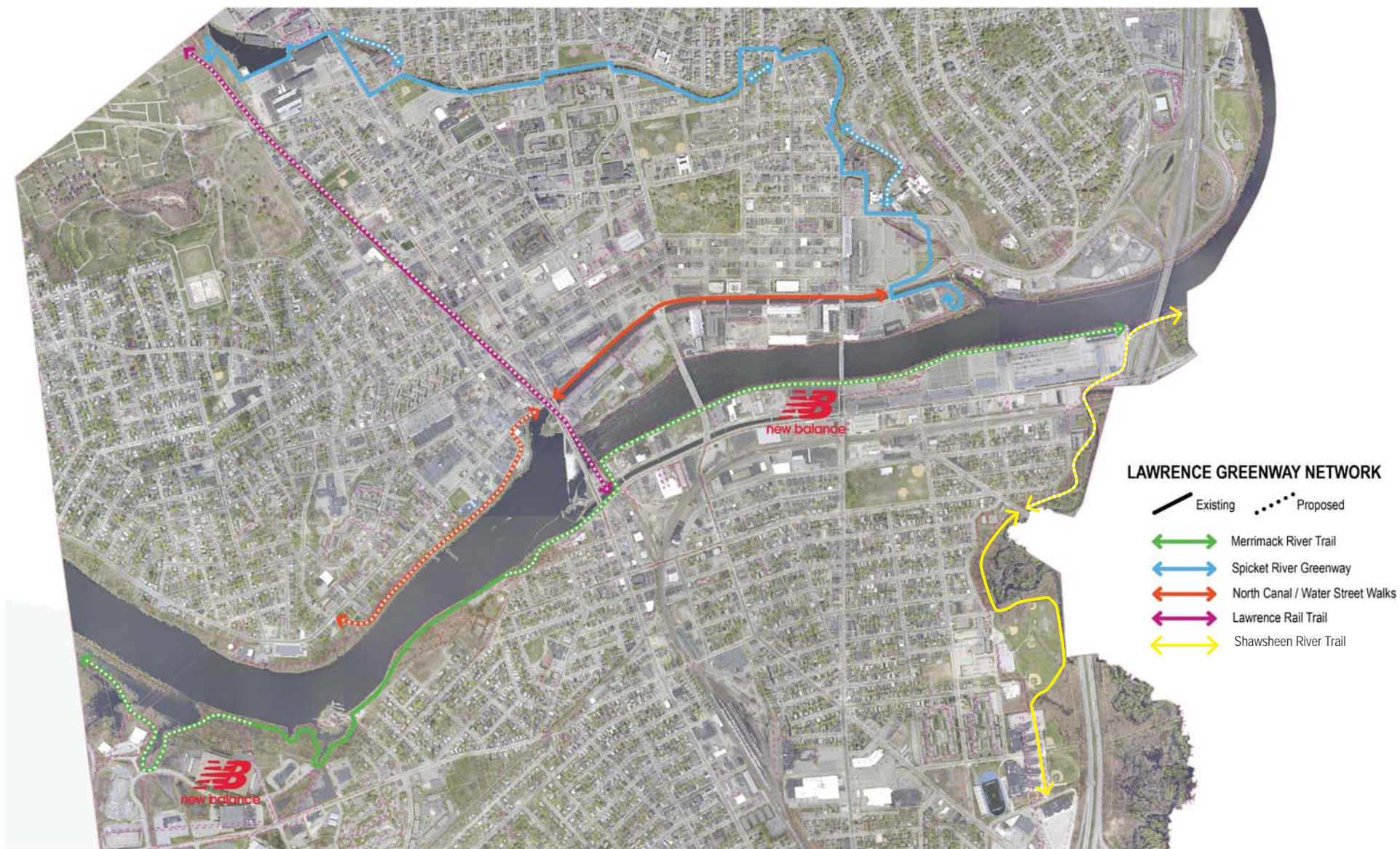


Bubble Girl mural at the Buckley Transportation Center



Goal 4. Provide residents with alternative transportation options through the establishment of an interconnected system of rail trails, riverwalks, and greenways.						
TASK	ACTION	LEAD	TARGET FUNDING SOURCES	IMPLEMENTATION		
				NEAR TERM	MID TERM	LONG TERM
1	Plan for an off street section of the Spicket River Greenway between Broadway and Kennedy Park	GWL, OPD	State, CDBG, City	X		
2	Plan for an off street section of the Spicket River Greenway between Jackson and Newbury Streets	GWL, OPD	State, CDBG, City	X		
3	Construct bridge over the north canal lower locks to link Spicket River Greenway between Oxford Paper Site Park and the Ferrous Site Park	OPD, GWL, Enel	Enel		X	
4	Vegetation management along the Shawsheen River Trail	OPD, DPW, GWL	State, CDBG, City	X	X	X
5	Extend Shawsheen River Trail to Den Rock Park	OPD, DPW	State, CDBG, City		X	
6	Construct the Merrimack Riverwalk Trail between the Shawsheen River and the Andover town line	OPD, DPW	State, CDBG, City	X	X	X
7	Evaluate park opportunities for the publicly owned Merrimack riverfront	OPD, DPW	State, CDBG, City	X	X	
8	Construct pathway along the south bank of the north canal	OPD, Enel, Property	State, private			X
9	Design and construct the Lawrence Rail Trail	OPD, DPW, GWL	Federal, State, CDBG, City	X	X	X



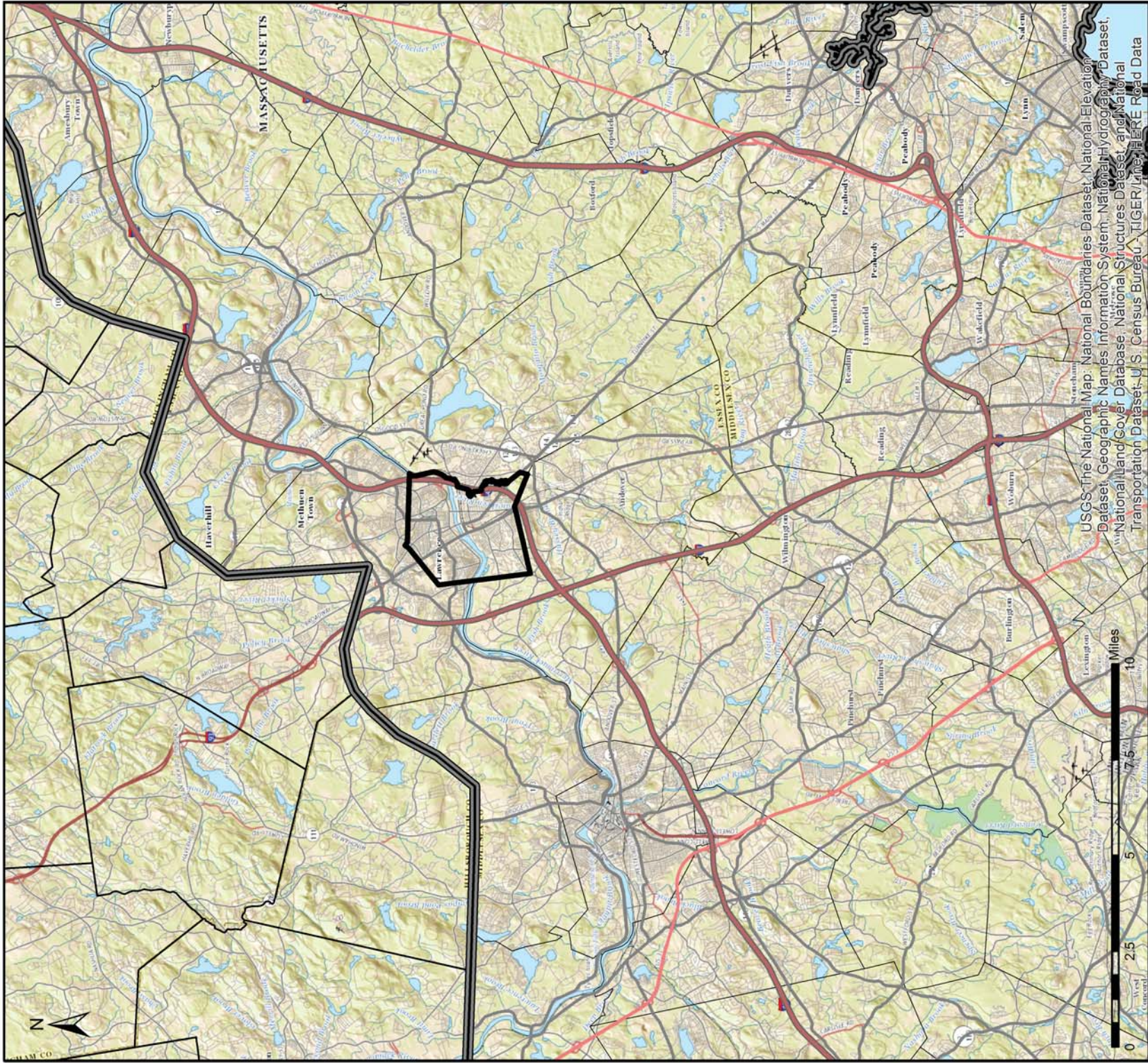


Goal 5. Continue to provide opportunities for urban agriculture as a source of local, fresh food for residents.						
TASK	ACTION	LEAD	TARGET FUNDING SOURCES	IMPLEMENTATION		
				NEAR TERM	MID TERM	LONG TERM
1	Expand Costello Urban Farm	OPD, GWL	State, CDBG, City	X	X	X
2	Construct community garden at vacant lot at Lowell Street and Margin Street	OPD, DPW, GWL	State, CDBG, City	X		
4	Strategically expand community garden network	OPD, DPW, GWL	State, CDBG, City	X	X	X
5	Renovate community garden at Manchester Street Park	OPD, DPW, GWL	State, CDBG, City	X		
6	Protect existing gardens by changing zoning to Open Space Recreation	OPD, DPW, GWL	-	X	X	

Goal 6. Meet the evolving needs of residents by maintaining and renovating existing parks and open spaces.						
TASK	ACTION	LEAD	TARGET FUNDING SOURCES	IMPLEMENTATION		
				NEAR TERM	MID TERM	LONG TERM
1	Increase active recreation at the O'Connell South Common	OPD, GWL	State, CDBG, City	X	X	
2	Develop and implement activation plan for Lawrence DCR Parks	OPD, LRA, DCR, GWL	OPD, LRA, DCR	X	X	X
3	Renovate O'Neill Park	OPD, GWL	State, CDBG, City		X	
4	Renovate Howard Playstead playground	OPD, GWL	State, CDBG, City	X		
5	Renovate Hayden Schofield Playstead	OPD, DPW, GWL	State, CDBG, City		X	
6	Renovate soccer field at Bourgoin Square Park	OPD, DPW, GWL	State, CDBG, City	X	X	
7	Renovate Bourgoin Square Park spray park	OPD, GWL	State, CDBG, City	X		
8	Renovate Stockton Park	OPD, DPW, GWL	State, CDBG, City		X	X

## APPENDIX A: OPEN SPACE AND RECREATION PLAN MAPPING





## Legend

### MassDOT Major Roads

- Interstate
- U.S. Highway
- State Route
- State Line
- Lawrence



## Regional Context

City of Lawrence, Massachusetts

Map 1

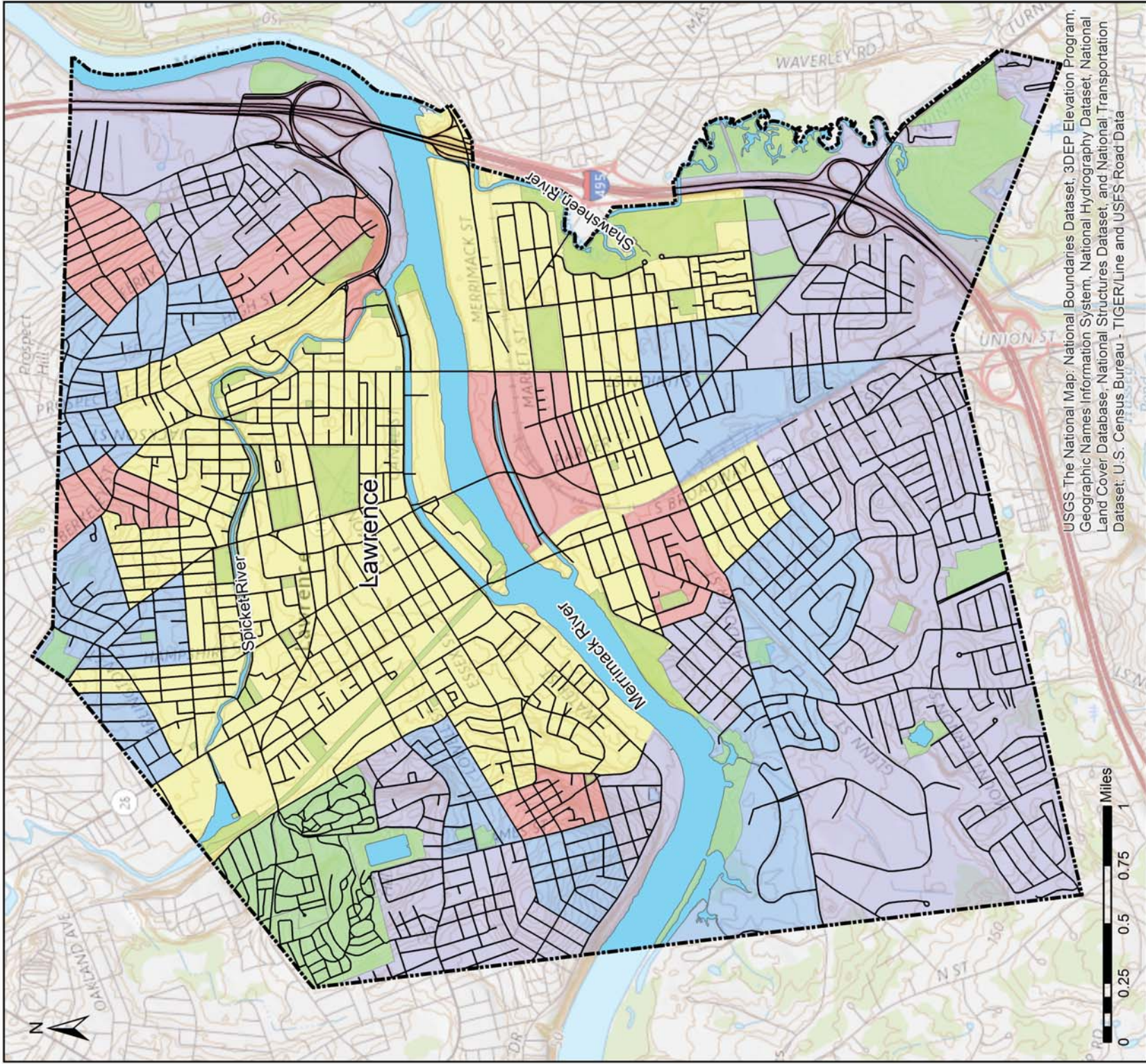





Data Source: MassGIS

Author: KB

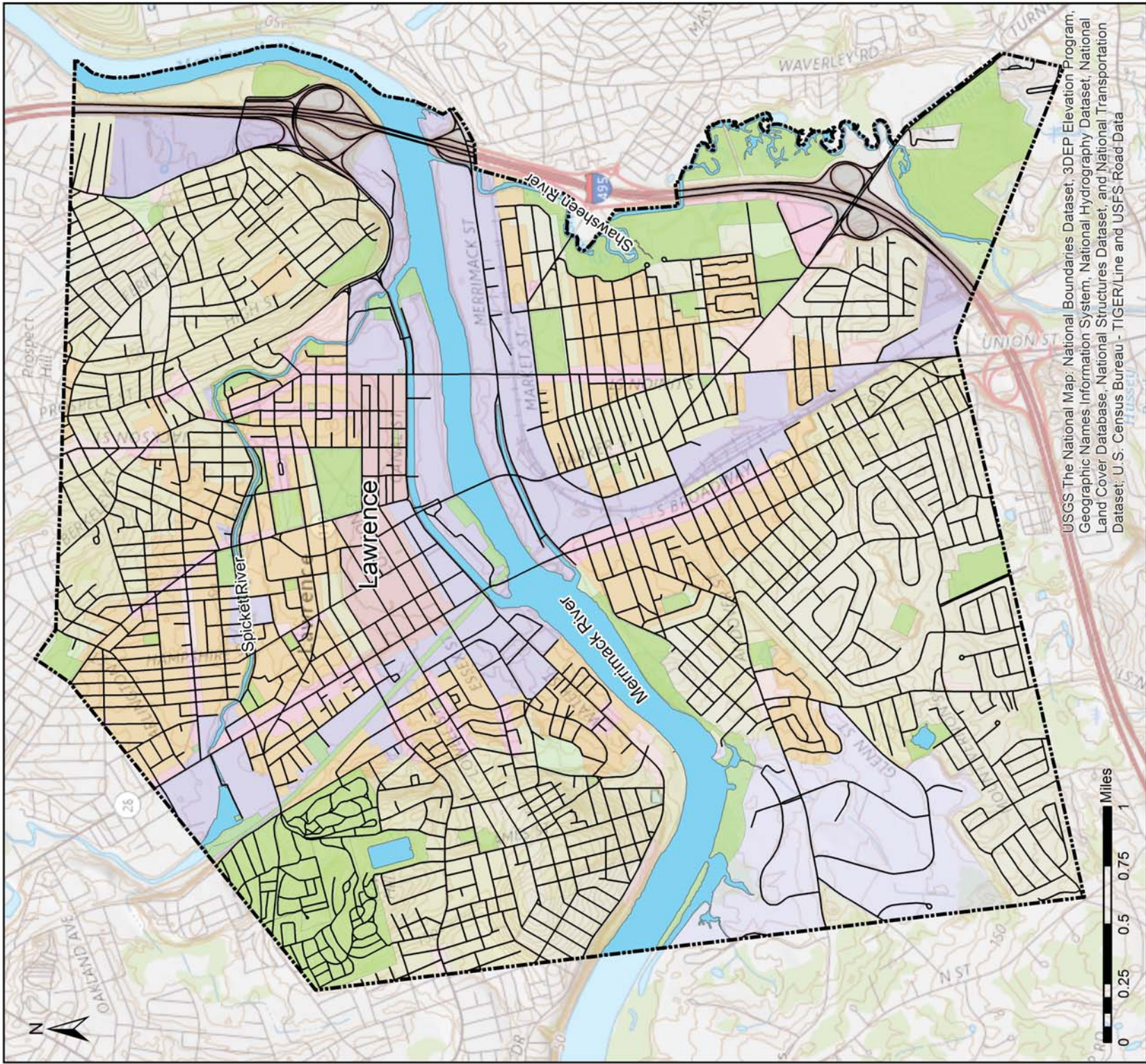
Date: 2/16/2017





<div></div> <div><b>Legend</b> <b>Environmental Justice Populations</b> <div><div>Minority</div><div>Minority and English Proficiency</div><div>Minority and Income</div><div>Minority Income and English Proficiency</div></div></div>	<b>Environmental Justice</b>		
	Environmental Justice Populations Lawrence, MA		
	Map 2	 	Author: KB
Data Source: MassGIS			





USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; U.S. Census Bureau - TIGER/Line and USFS Road Data

### Legend

Local Business	Limited Industrial	1495
Secondary Business	Residential 1	Open Space
Main Business	Residential 2	Water
Industrial Park	Residential 3	
General Industrial	Highway Access	

### Zoning

Zoning districts as defined by the City of Lawrence Zoning Ordinance

**Map 3a**

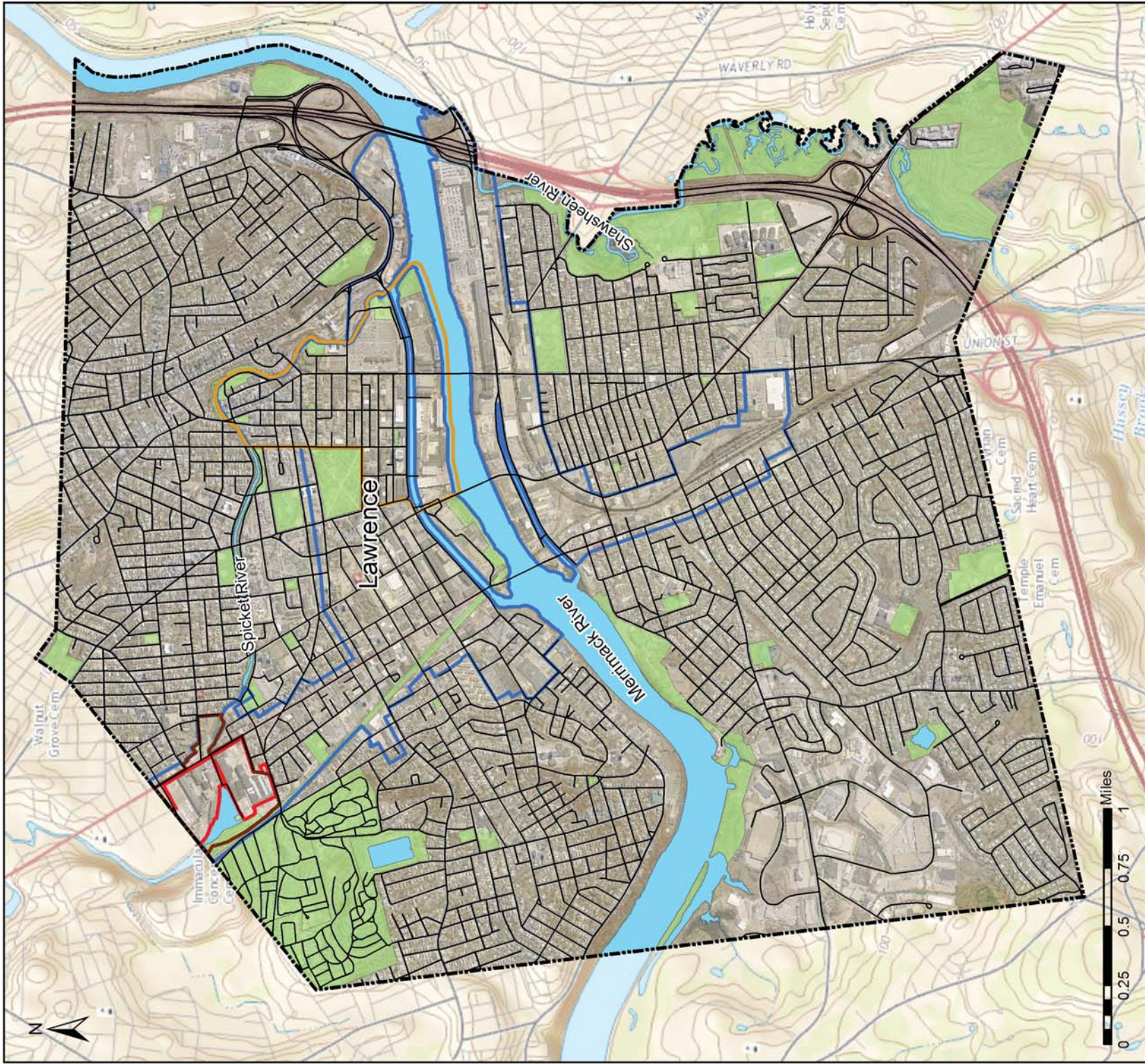
BRANDENBURG CHANGING PLACES CHANGING LIVES

Data Source: MassGIS

Author: KB

Date: 7/13/2017





## Legend

- IndustrialOverlay
- ArlingtonMillsOverlayDistrict
- RevivindoOverlay
- SmartGrowthOverlay

Data Source: City of Lawrence



## Zoning

Zoning districts as defined by the  
City of Lawrence Zoning Ordinance

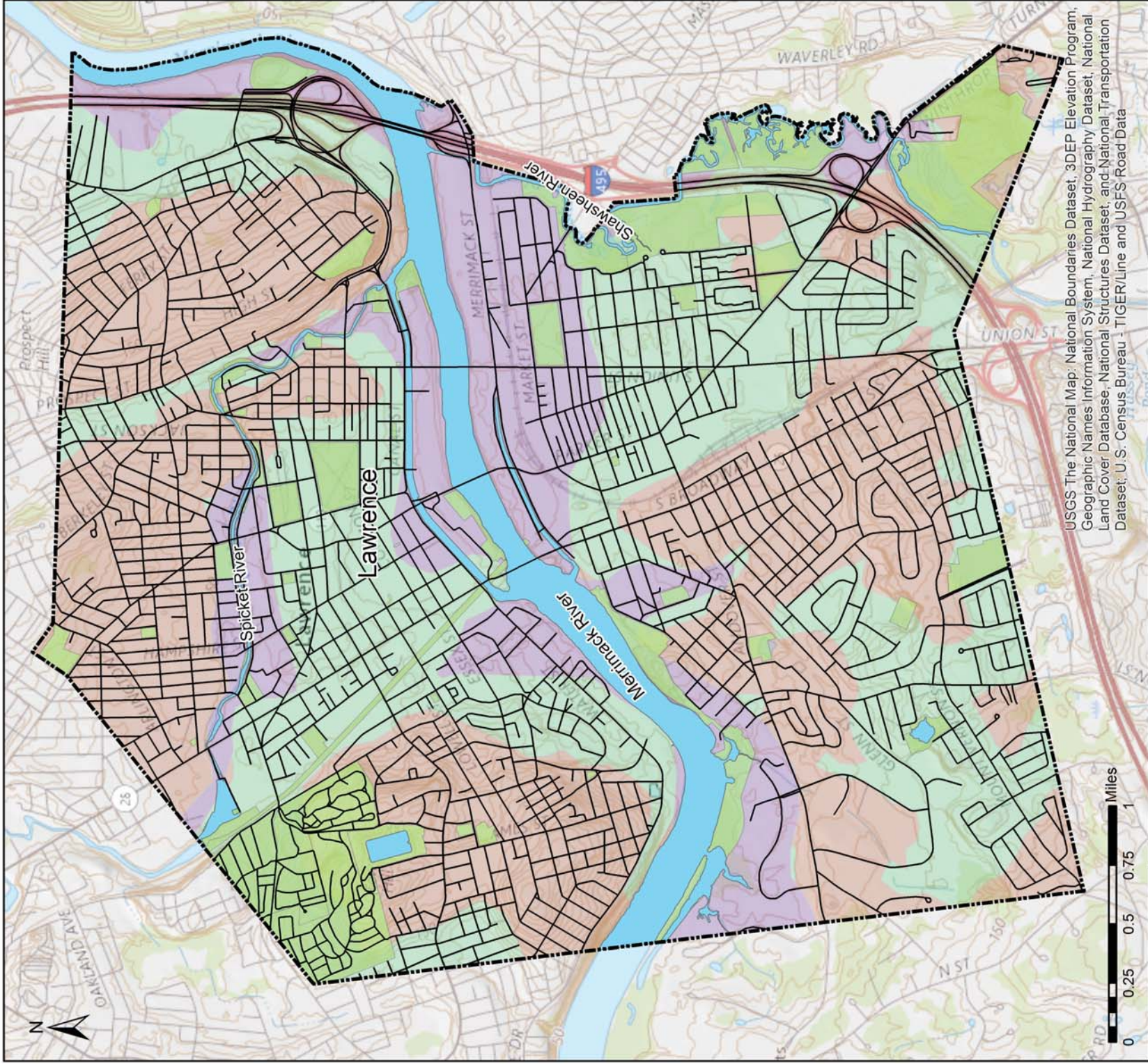
Map 3b



Date: 2/10/2017

Author: KB





USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset, U.S. Census Bureau - TIGER/Line and USFS Road Data

## Legend

- Sand and Gravel
- Till or Bedrock
- Floodplain Alluvium



## Surficial Geology

Soil types affecting development in Lawrence

Map 4

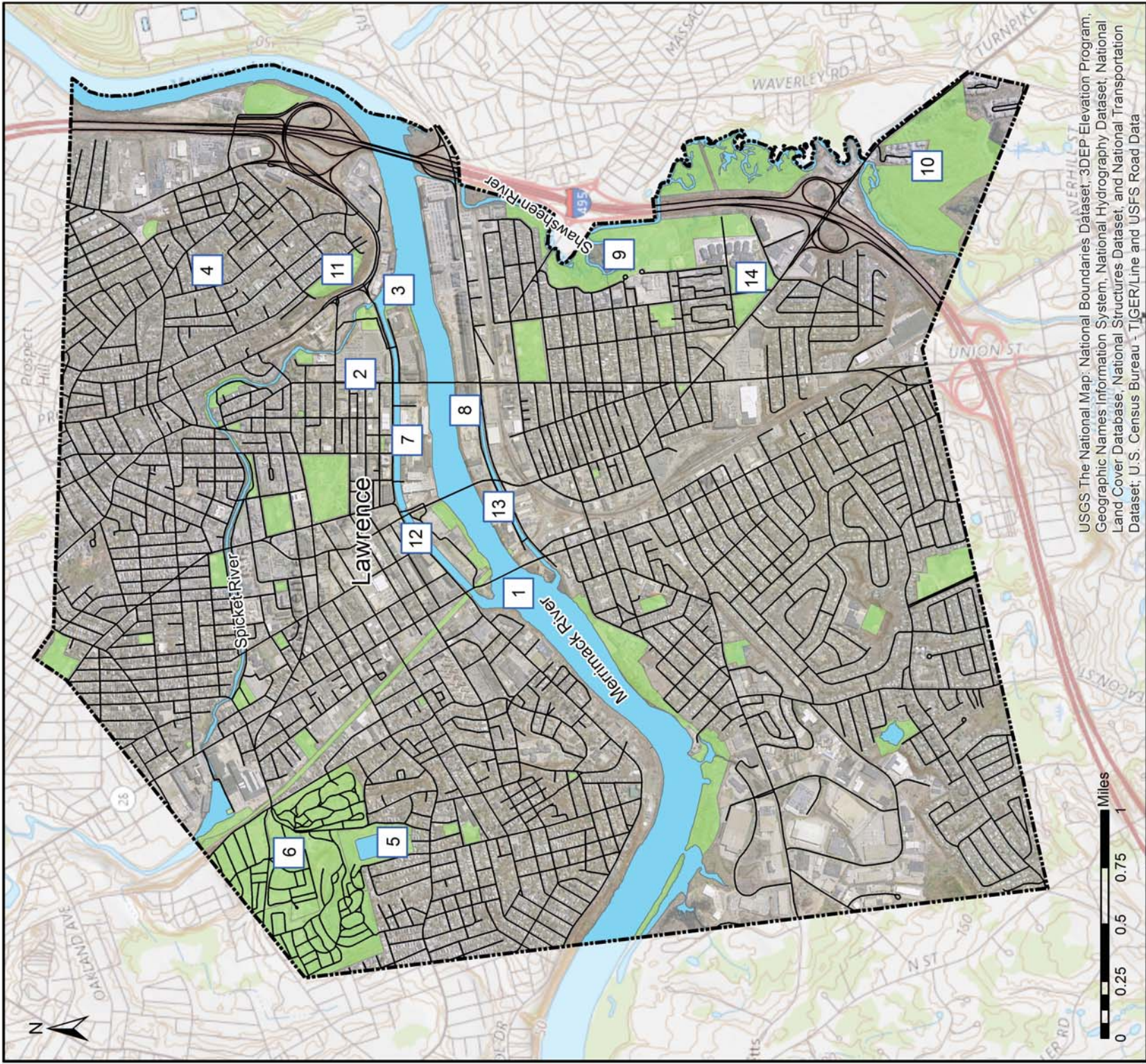


Data Source: MassGIS

Author: KB

Date: 7/13/2017





## Legend

1. Great Stone Dam
2. Everett Mills and Stone Mill
3. Ferrous Urban Wild Park
4. Rollins School Clock Tower
5. Water Tower and Reservoir
6. Bellvue Cemetery, St. Mary's Cemetery, Immaculate Conception Cemetery
7. North Canal Mill District and Downtown
8. Ayer Clock Tower
9. Shawheen River walkway and Natural Heritage Area
10. Den Rock Park
11. Views from Storrow Park
12. North Canal
13. South Canal
14. Veterans Stadium



## Unique Features

Unique areas and structures in Lawrence

Map 5

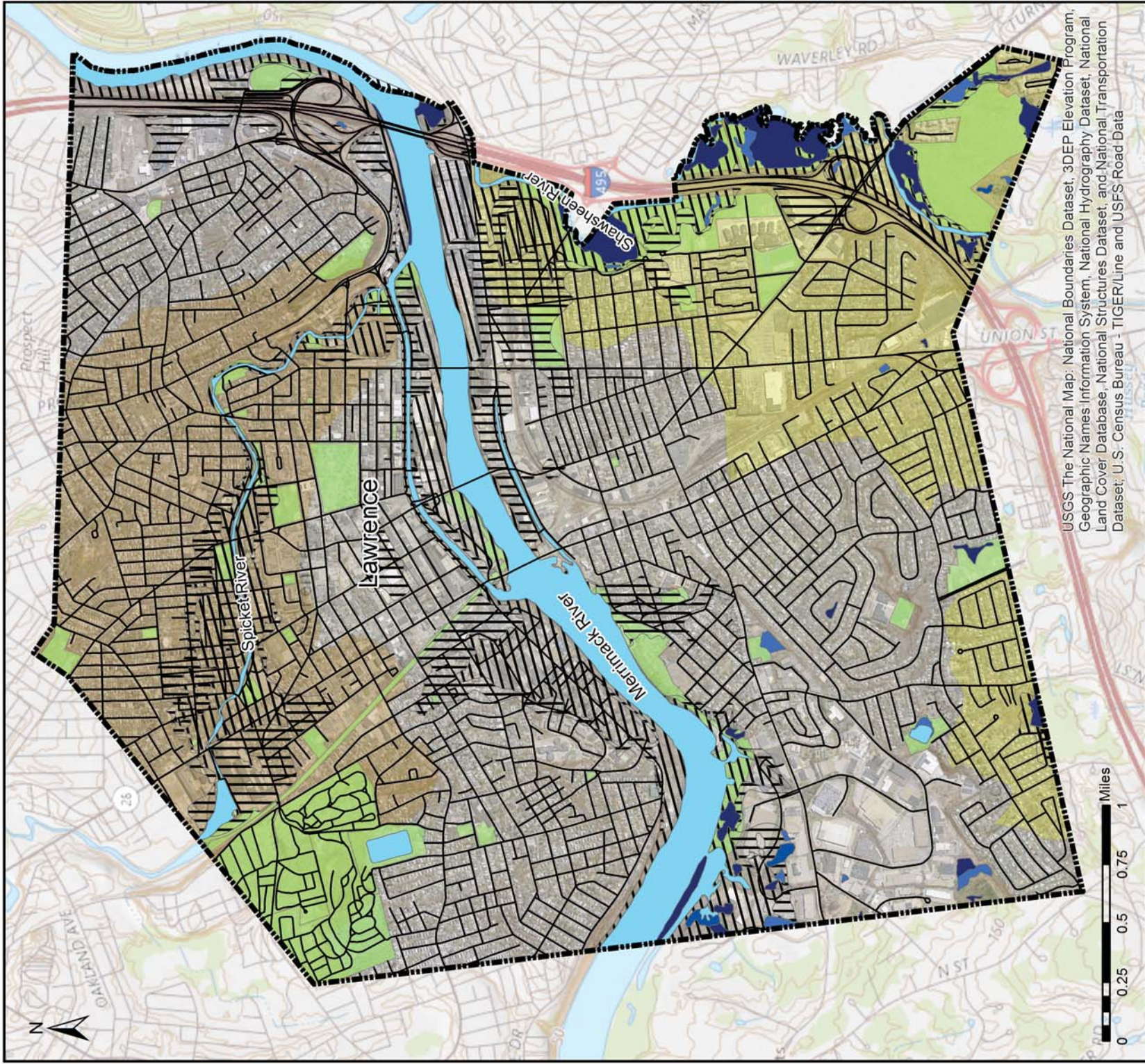


Author: KB

Date: 7/13/2017

Data Source: MassGIS, City of Lawrence





USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; U.S. Census Bureau - TIGER/Line and USFS Road Data

#### Legend

- Lawrence Wetlands**
- OPEN WATER
  - SHALLOW MARSH MEADOW OR FEN
  - SHRUB SWAMP
  - WOODED SWAMP DECIDUOUS

- Flood Zone**
- 100 Year Flood
  - 500 Year Flood
  - Lawrence Open Space
  - Spicket

- Lawrence Watershed**
- Merrimack
  - Shawshheen



#### Water Resources

Flood zones, wetlands, and watersheds  
in the City of Lawrence Massachusetts

Map 6

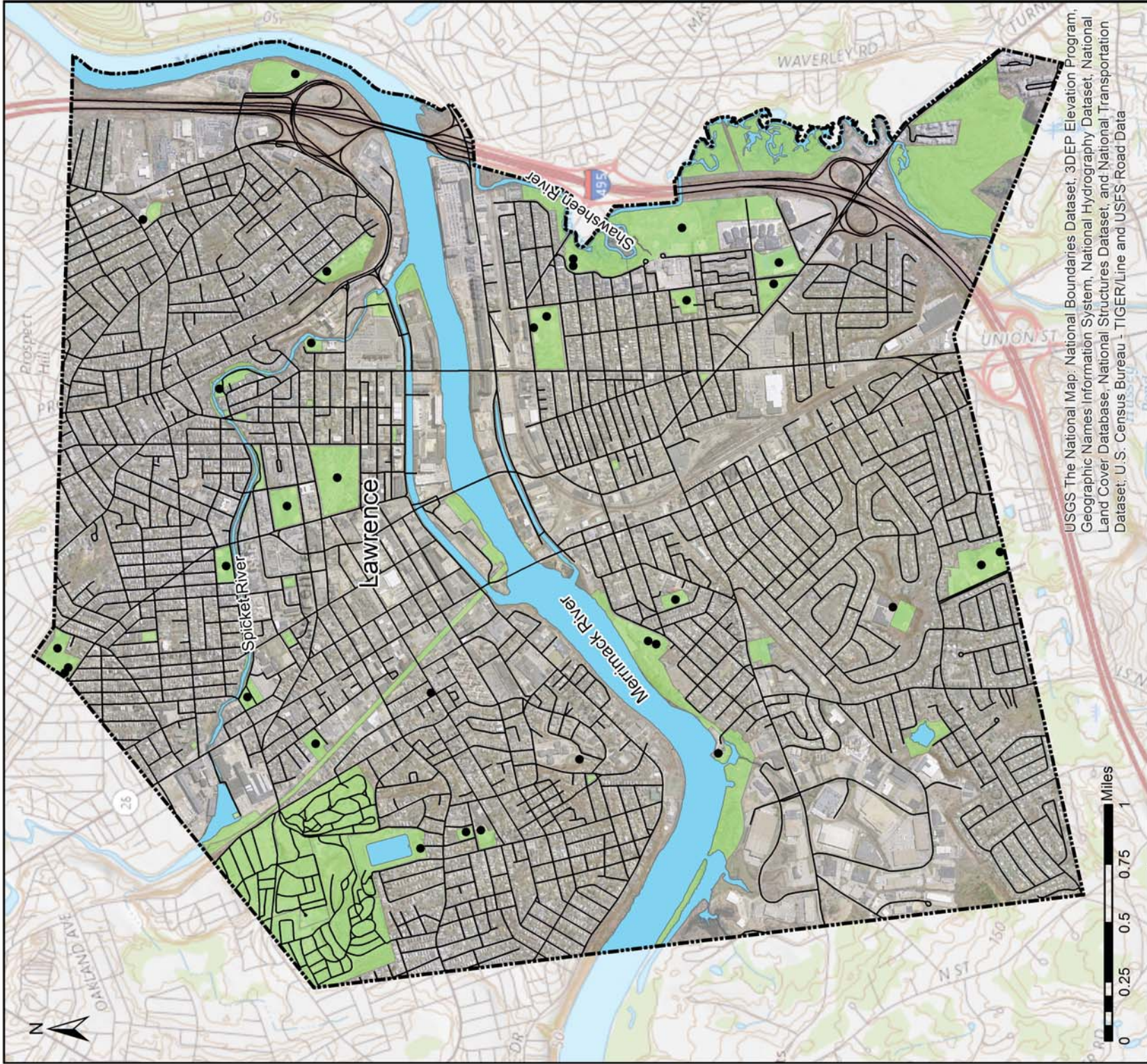


Data Source: MassGIS

Date: 7/13/2017

Author: KB





Open Space Inventory	
<div> <div> </div> <div> </div> </div>	Open Space in the City of Lawrence Massachusetts
	Map 7
Author: KB	Date: 7/13/2017

## Legend

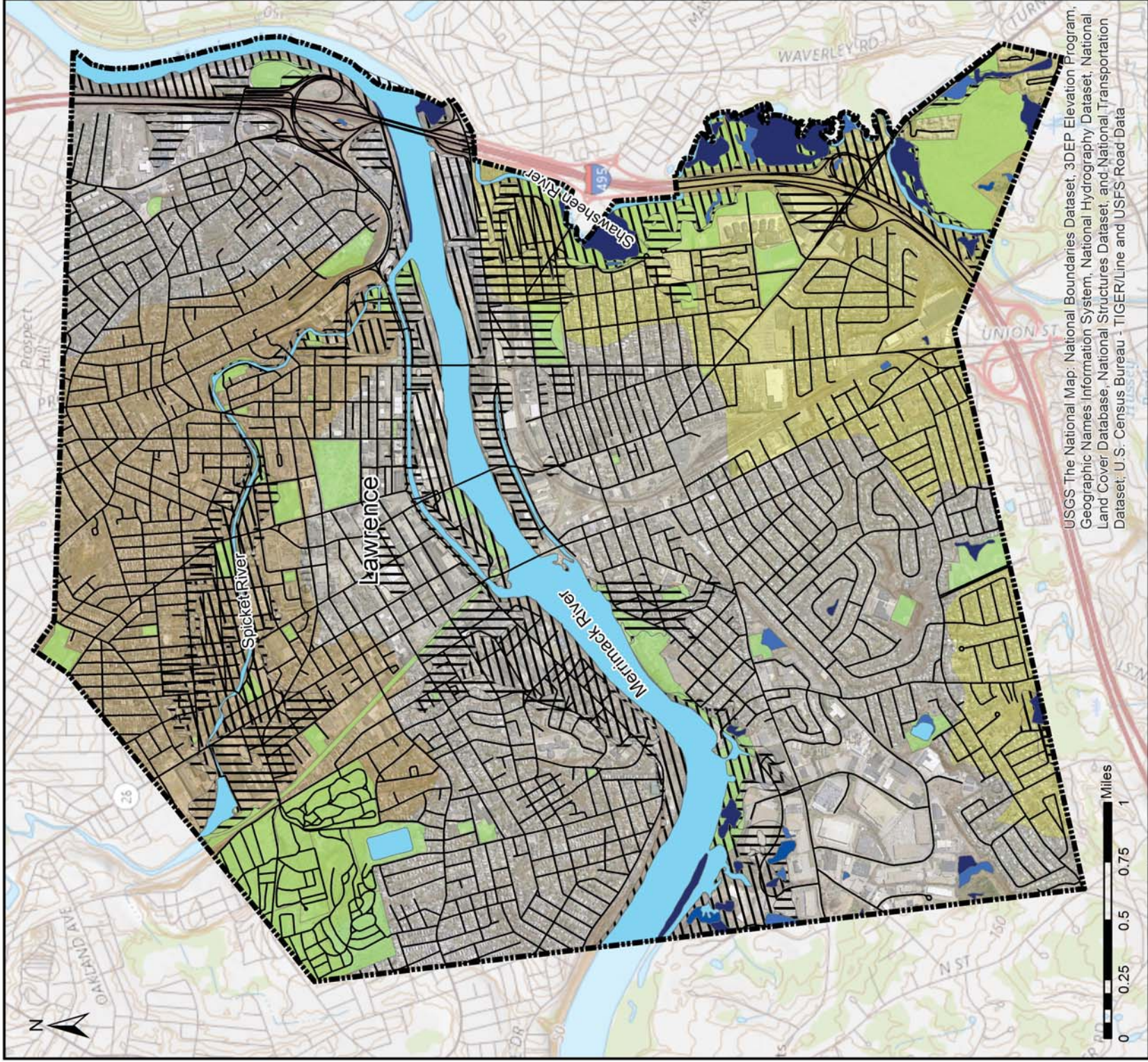


- Recreational Facilities
- Lawrence Open Space

Note: Recreational Facilities include Baseball Fields, Soccer Fields, Basketball Courts, and Tennis Courts

Data Source: MassGIS, City of Lawrence





USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; U.S. Census Bureau - TIGER/Line and USFS Road Data

### Legend

- Lawrence Wetlands**
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- Flood Zone**
- 100 Year Flood
  - 500 Year Flood
  - Lawrence Open Space
  - Spicket

- Lawrence Watershed**
- Merrimack
  - Shawshheen



### Water Resources

Flood zones, wetlands, and watersheds in the City of Lawrence Massachusetts

Map 6

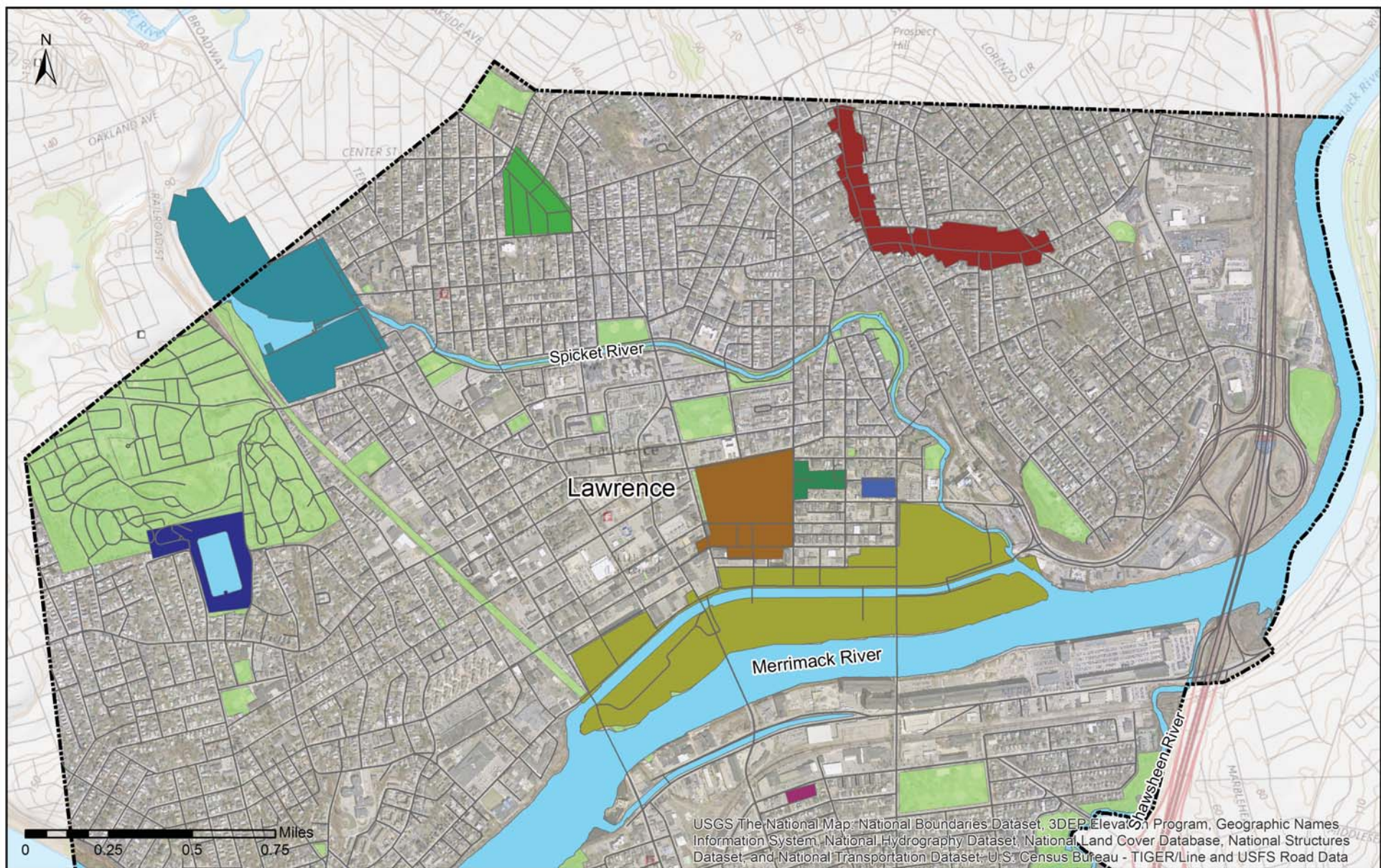


Data Source: MassGIS

Author: KB

Date: 7/13/2017





### Legend

#### State Register Districts

- American Woolen Mill Housing District
- Arlington - Basswood District
- Arlington Mills Historic District

- Downtown Lawrence Historic District
- High Service Water Tower and Reservoir
- Jackson Terrace
- Mechanics Block Historic District

- North Canal Historic District
- Prospect Hill Historic District

### Community History

#### State Historic Districts in Lawrence

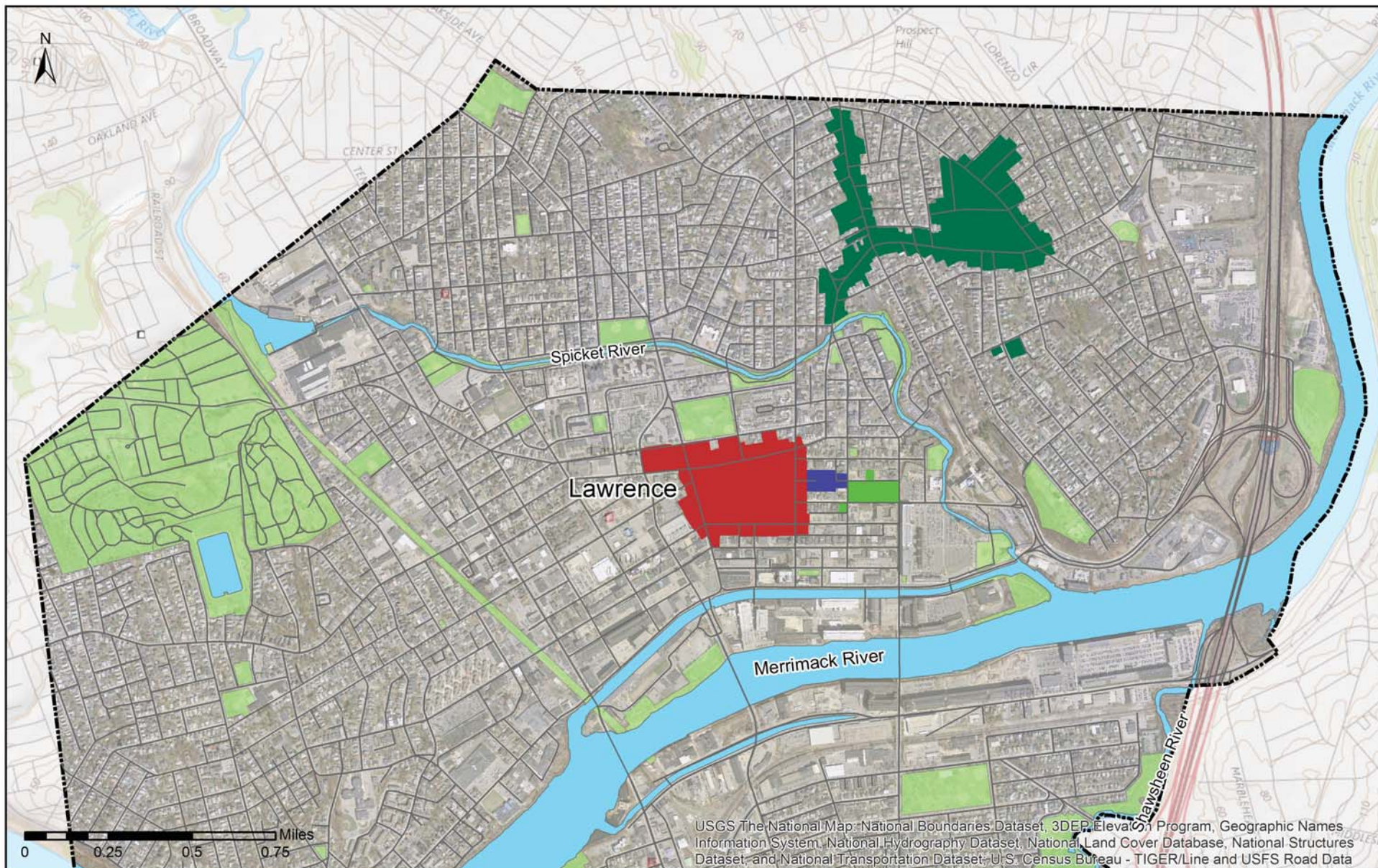
Map A1

Author: KB



Date: 7/13/2017





### Legend

#### Local Historic District

- Jackson Terrace
- Mechanic's Block
- North Common
- Prospect Hill

### Community History

#### Local Historic Districts in Lawrence

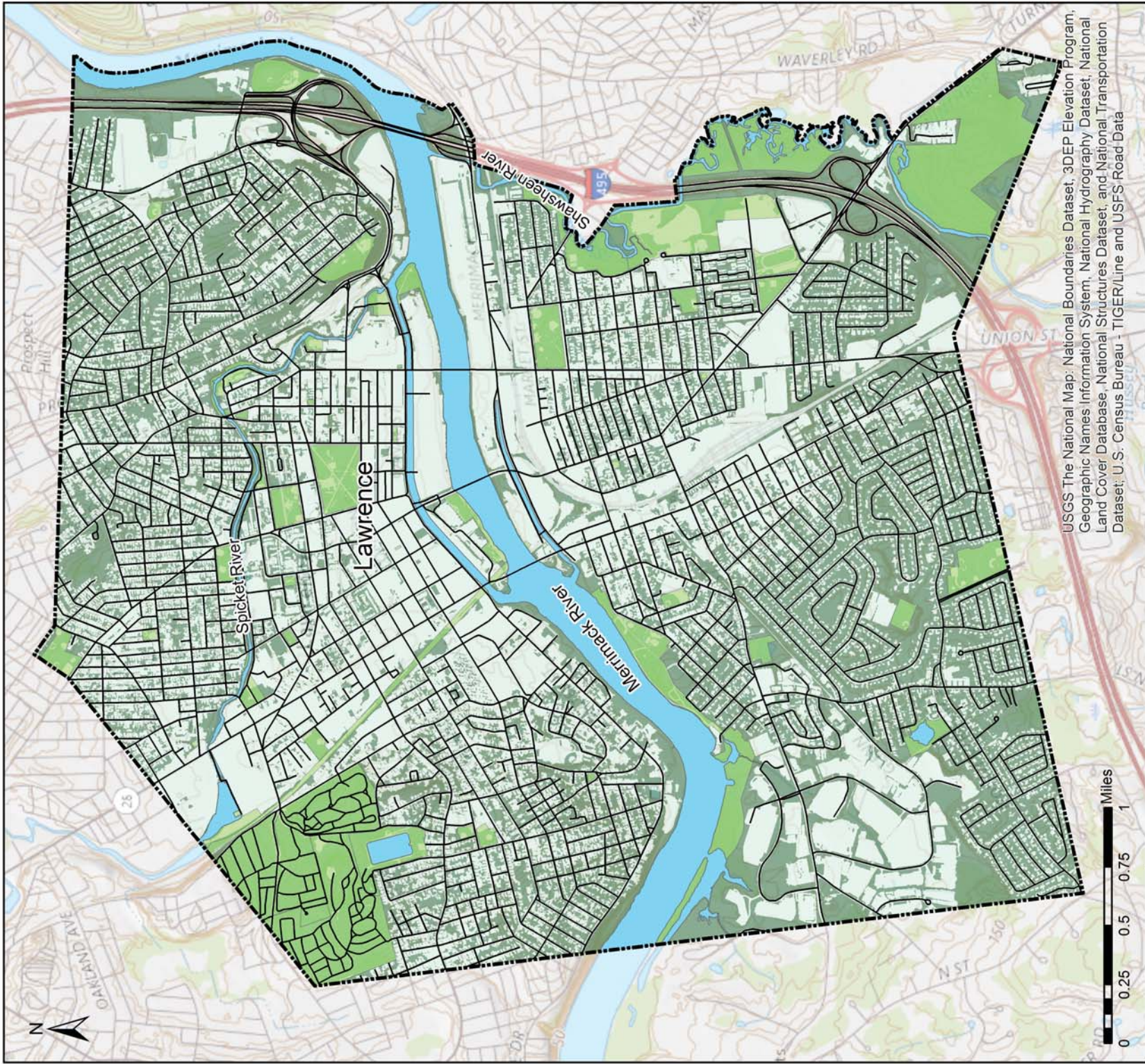
Map A2

Author: KB



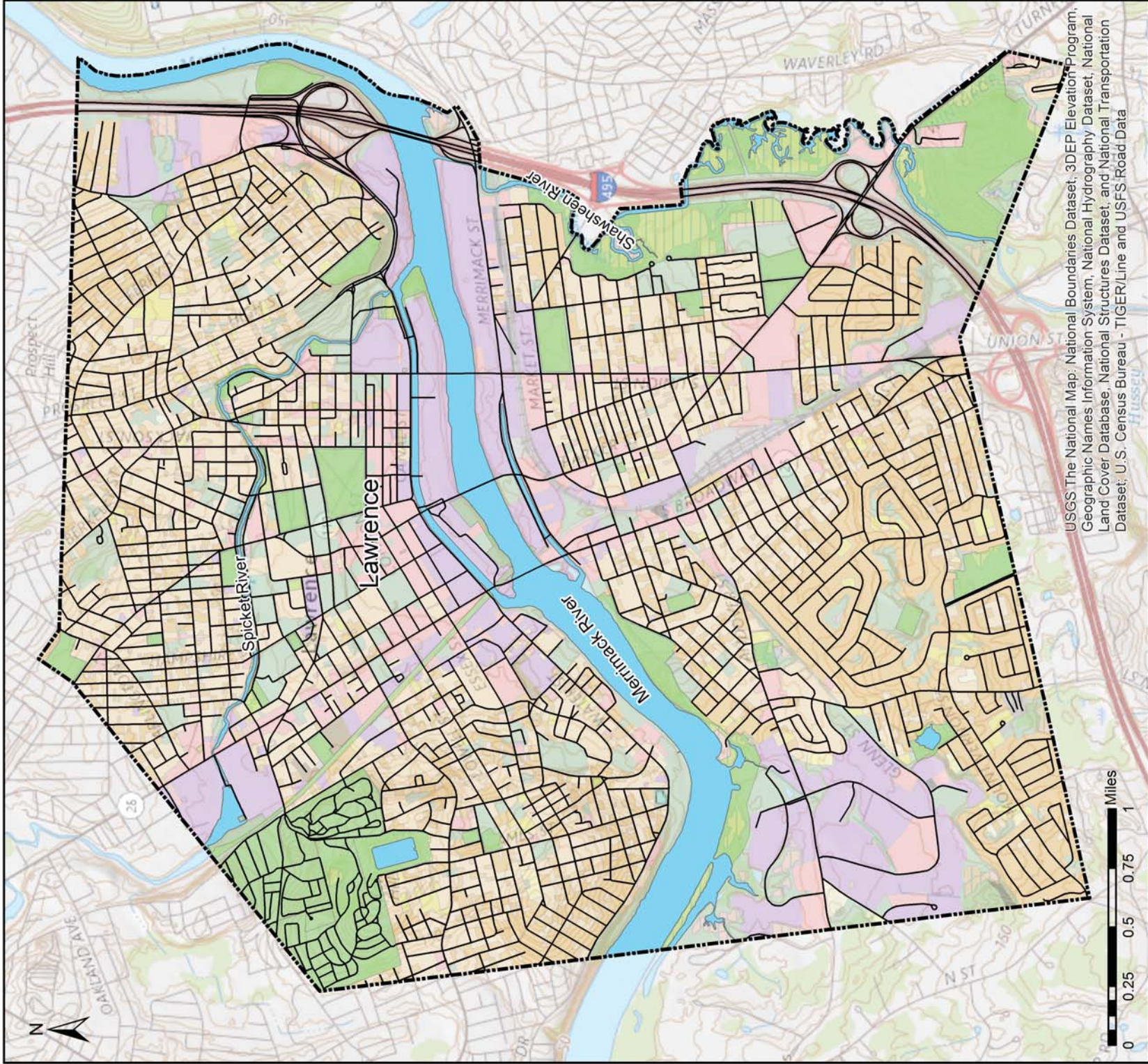
Date: 7/13/2017





Impervious Surface		Impervious Surface	
Impervious surface in Lawrence		Impervious surface in Lawrence	
Map B		Map B	
Date: 7/13/2017		Date: 7/13/2017	
Author: KB		Author: KB	
Data Source: MassGIS		Data Source: MassGIS	





USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; U.S. Census Bureau - TIGER/Line and USFS Road Data

### Legend

#### Lawrence Land Use

- Other
- Commercial
- Industrial
- Junkyard
- Cemetery
- Very Low Density Residential
- Low Density Residential
- Medium Density Residential
- High Density Residential
- Multi-Family Residential
- Open Land
- Forest
- Participation Recreation
- Urban Public/Institutional
- Water
- Powerline/Utility
- Transportation



### Land Use

Land use for the City of Lawrence

Map C

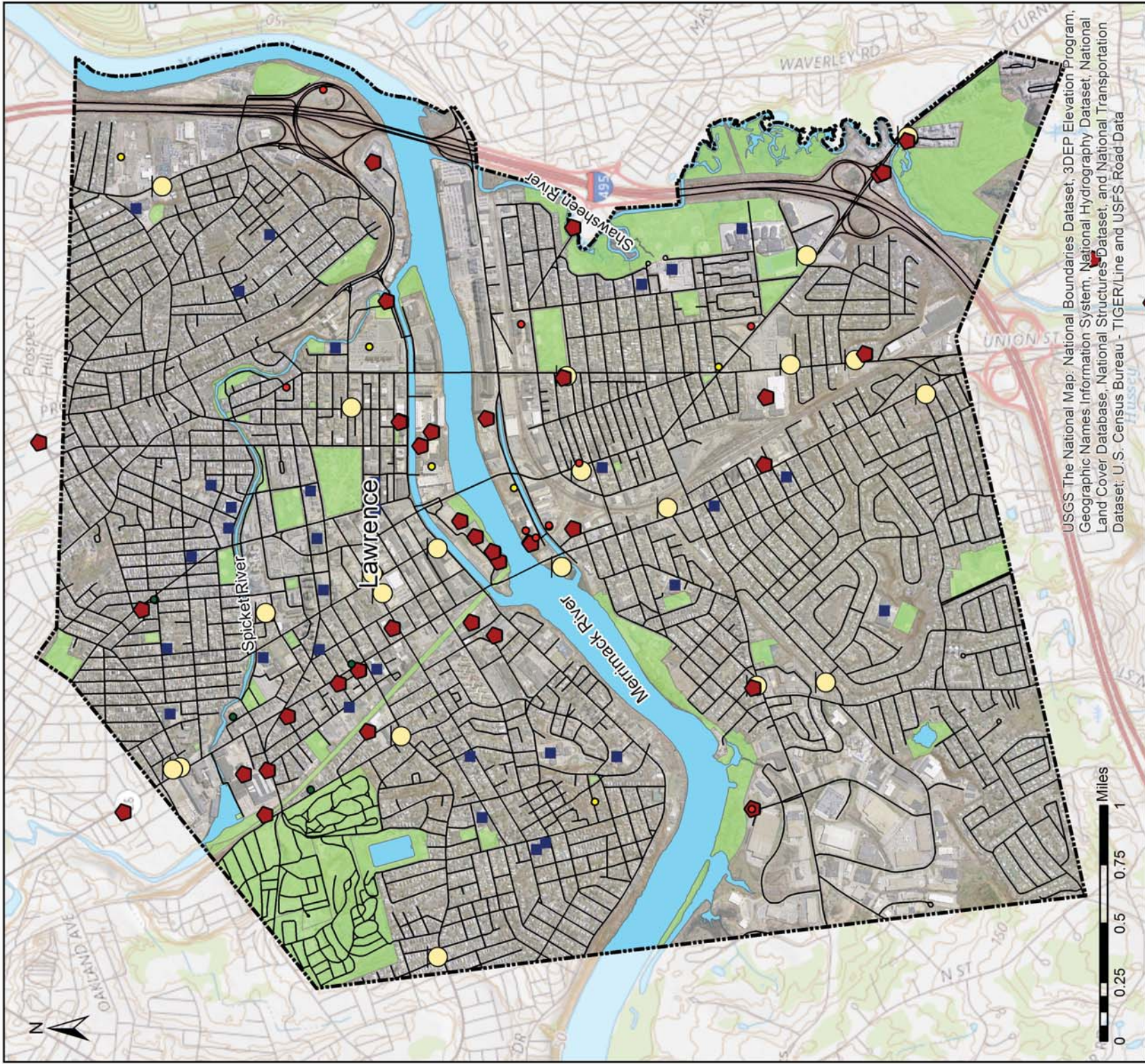


Author: KB

Date: 7/13/2017

Data Source: MassGIS





USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; U.S. Census Bureau - TIGER/Line and USFS Road Data

## Legend

### Chapter 21E Status

- TIER 1D
- TIER I
- TIER II
- Activity and Use Limitations
- Lawrence underground Tanks
- Lawrence Schools



## Environmental Challenges

Environmental Challenges that influence planning

Map G



Data Source: MassGIS, City of Lawrence

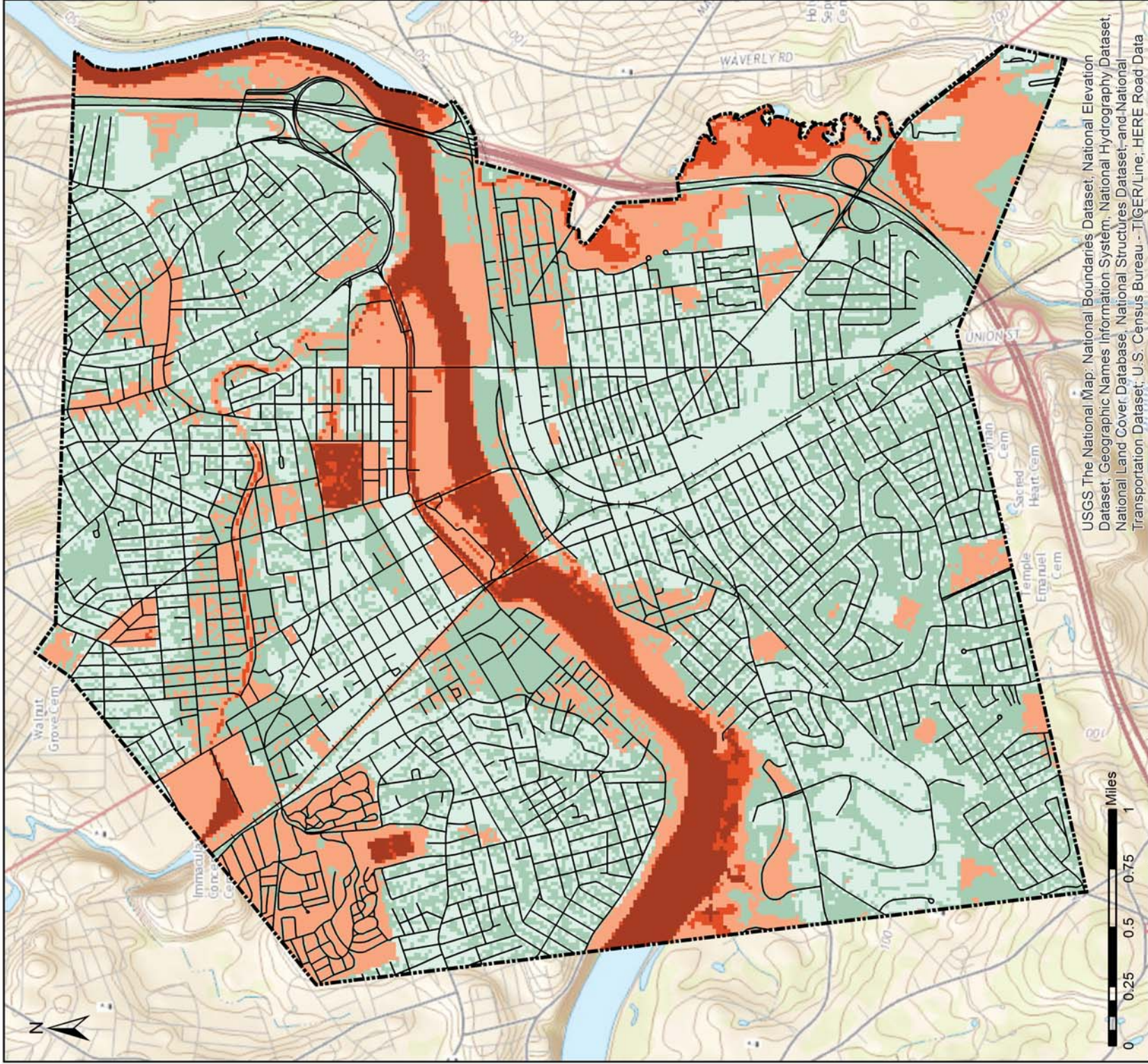
Author: KB

Date: 7/13/2017



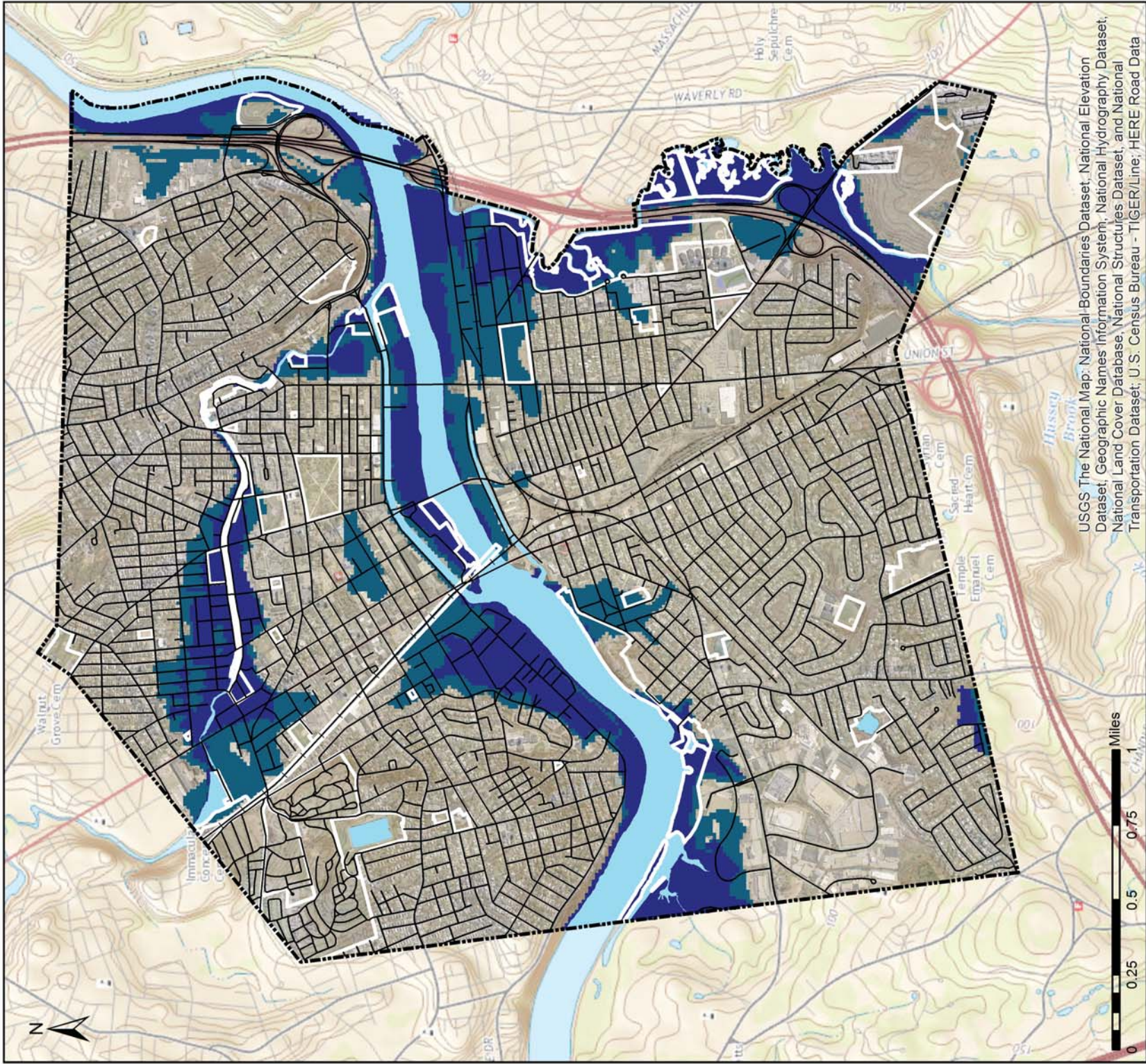
## APPENDIX B: PARK PLANNING AND ASSESSMENT TOOL MAPPING





<h3>Historic and Conservation</h3>	<h3>Historic and Conservation Suitability</h3> <div data-bbox="1743 522 2005 1575">  <div data-bbox="1743 1055 2005 1299"> <p>1 - Very Low</p> <p>2 - Low</p> <p>3 - Medium</p> <p>4 - High</p> <p>5 - Very High</p> </div> <div data-bbox="1743 522 2005 1055"> <p>Note: Importance has been determined by:</p> <ul style="list-style-type: none"> <li>-Impervious Surface</li> <li>-Flood Zones</li> <li>-NHESP Priority Habitats</li> <li>-Open Space</li> <li>-Wetlands</li> <li>-Hydrology</li> </ul> <p>Data Source: MassGIS, City of Lawrence</p> </div> </div>
<p>Historic Districts, protected areas, and open space in Lawrence</p>	
<p>Tier 1 Map 5</p>	 
<p>Author: KB</p>	<p>Date: 4/21/2017</p>





USGS The National Map: National Boundaries Dataset, National Elevation Dataset, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; U.S. Census Bureau - TIGER/Line; HERE Road Data

### Legend



### Flood Zones

Flood zones  
Lawrence MA

Tier 1  
Map 5

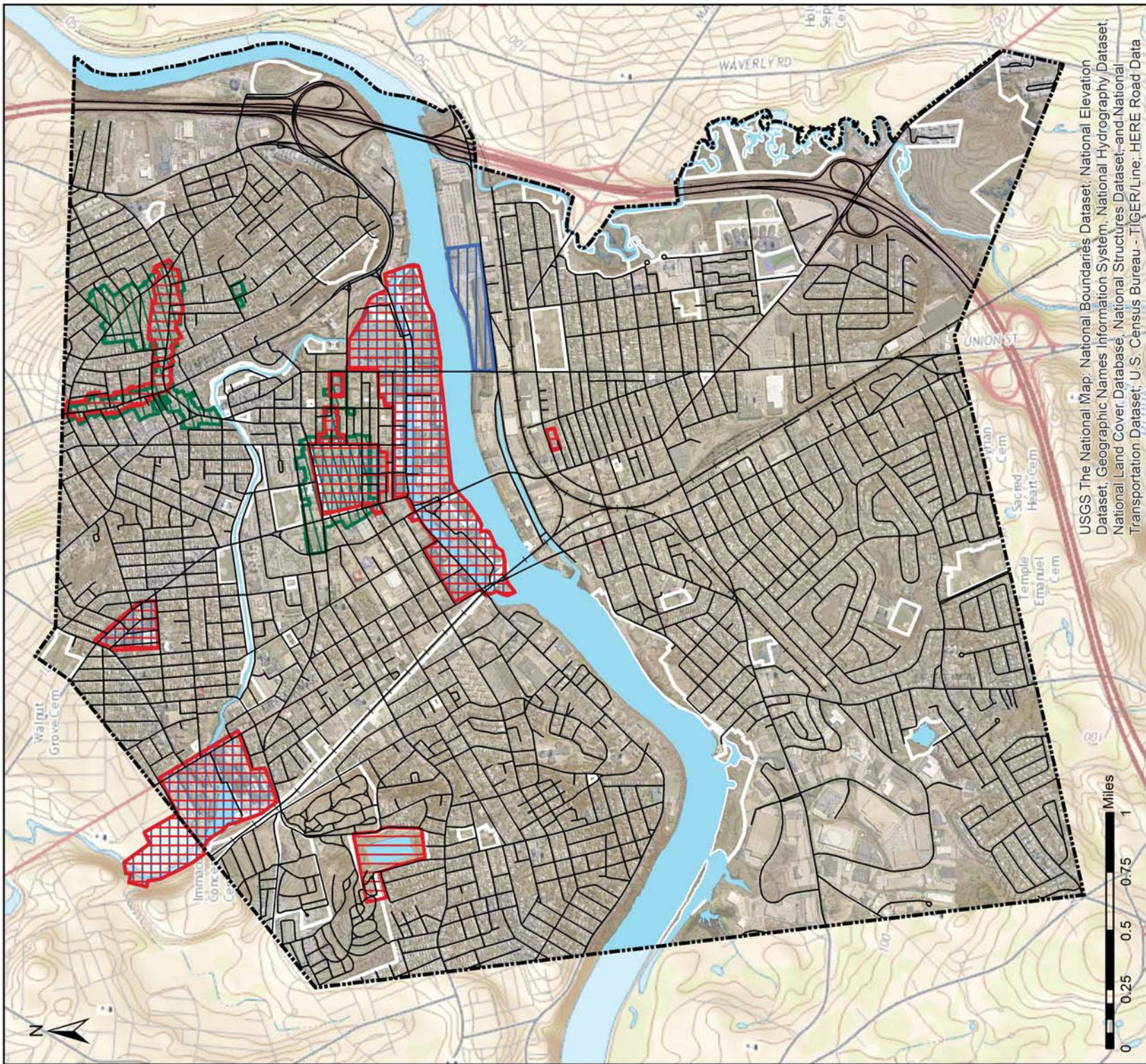


Data Source: MassGIS

Date: 2/28/2017

Author: KB






USGS The National Map: National Boundaries Dataset, National Elevation Dataset, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; U.S. Census Bureau - TIGER/Line; HERE Road Data

## Legend



 State Districts (5)

 Local Districts (5)

 National Districts (5)

## Historic and Conservation

Historic Districts  
Lawrence MA

Tier 1  
Map 5

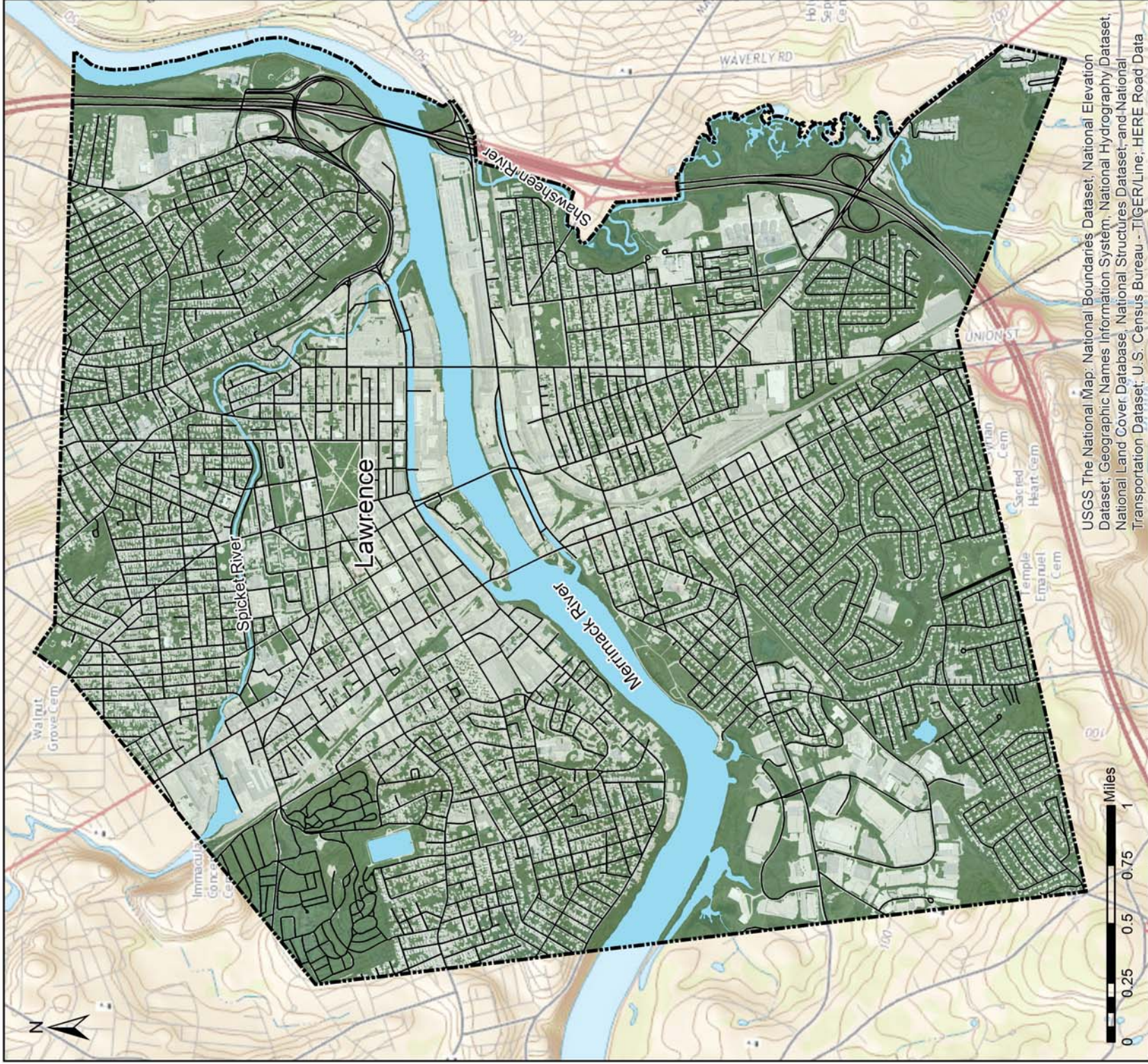


Author: KB

Date: 3/30/2017

Data Source: MassGIS, City of Lawrence

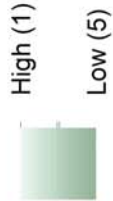




USGS The National Map: National Boundaries Dataset, National Elevation Dataset, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; U.S. Census Bureau - TIGER/Line; HERE Road Data

## Legend

### Impervious Surface



## Impervious Surface

Impervious surface in Lawrence



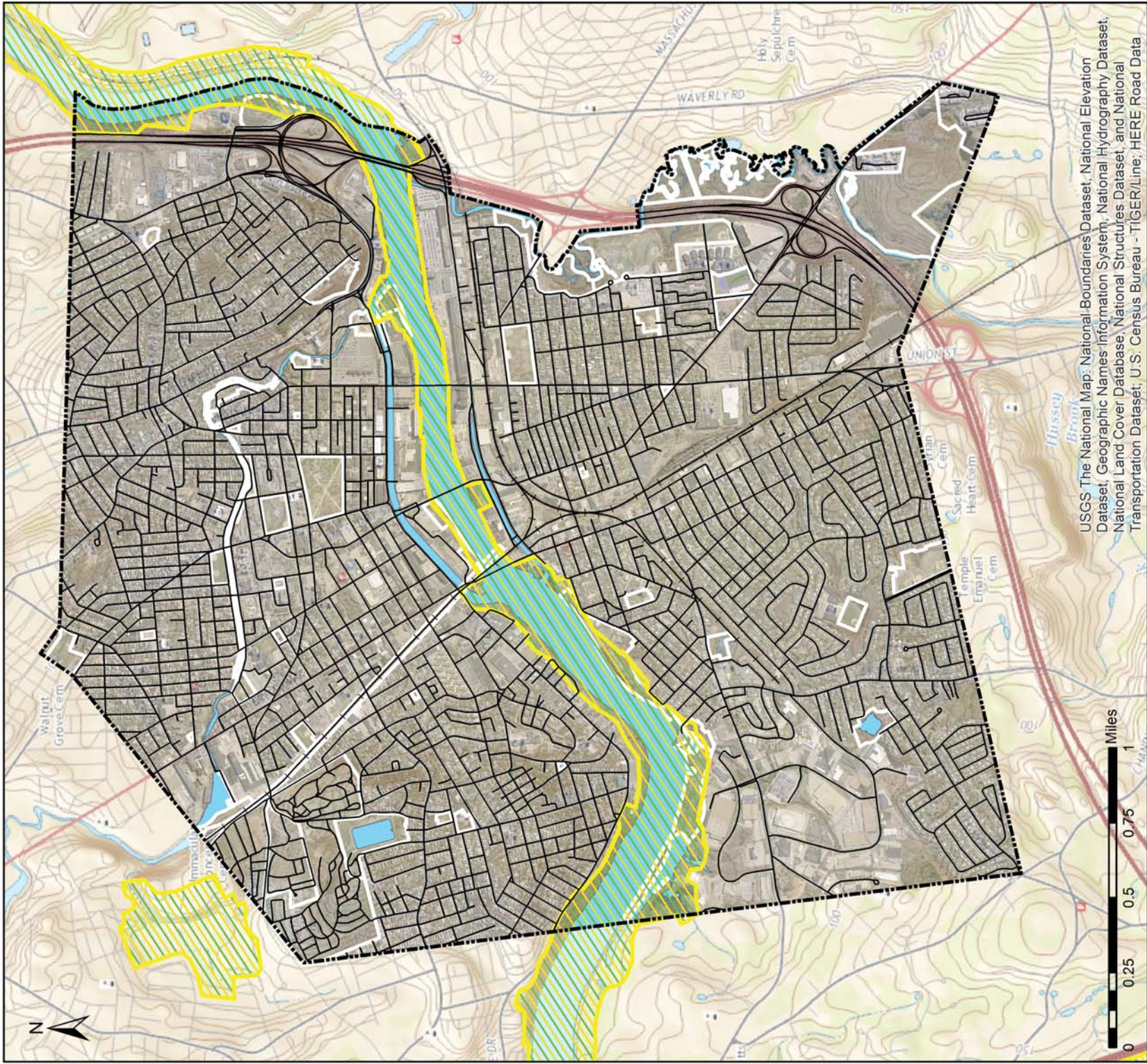
Tier 1  
Map 5

Author: KB

Data Source: MassGIS

Date: 3/30/2017





USGS The National Map: National Boundaries Dataset, National Elevation Dataset, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; U.S. Census Bureau - TIGER/Line; HERE Road Data

## Legend

-  NHESP Priority Habitats of Rare Species (5)
-  NHESP Estimated Habitats of Rare Wildlife (5)



## NHESP Areas

Priority areas for rare species and wildlife

Tier 1  
Map 5

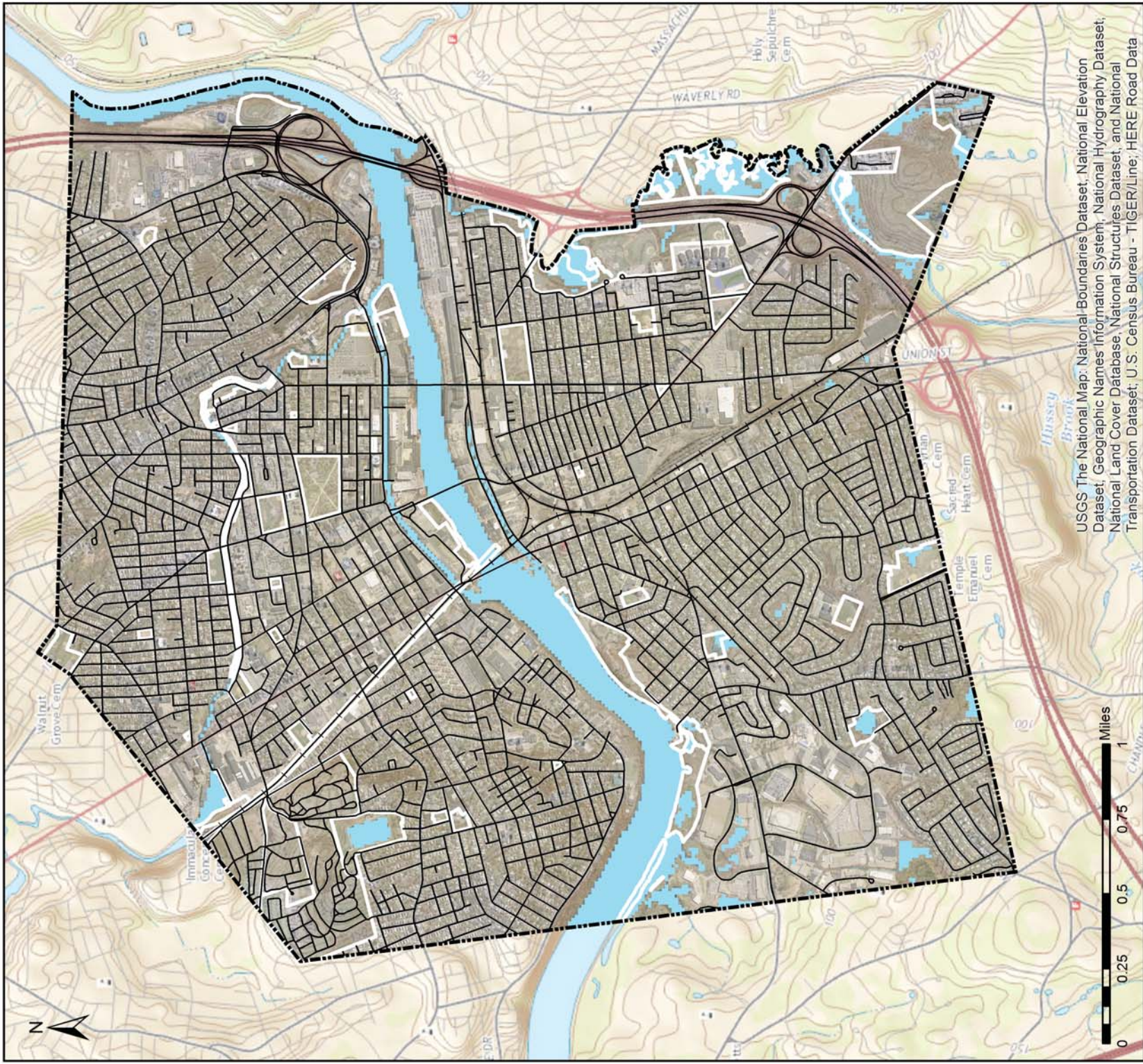


Data Source: MassGIS

Date: 2/28/2017

Author: KB





## Legend

 Wetlands or Water Resource (5)



## Wetlands and Water Resources

Wetlands and Water Resources  
in the City of Lawrence Massachusetts

Tier 1  
Map 5

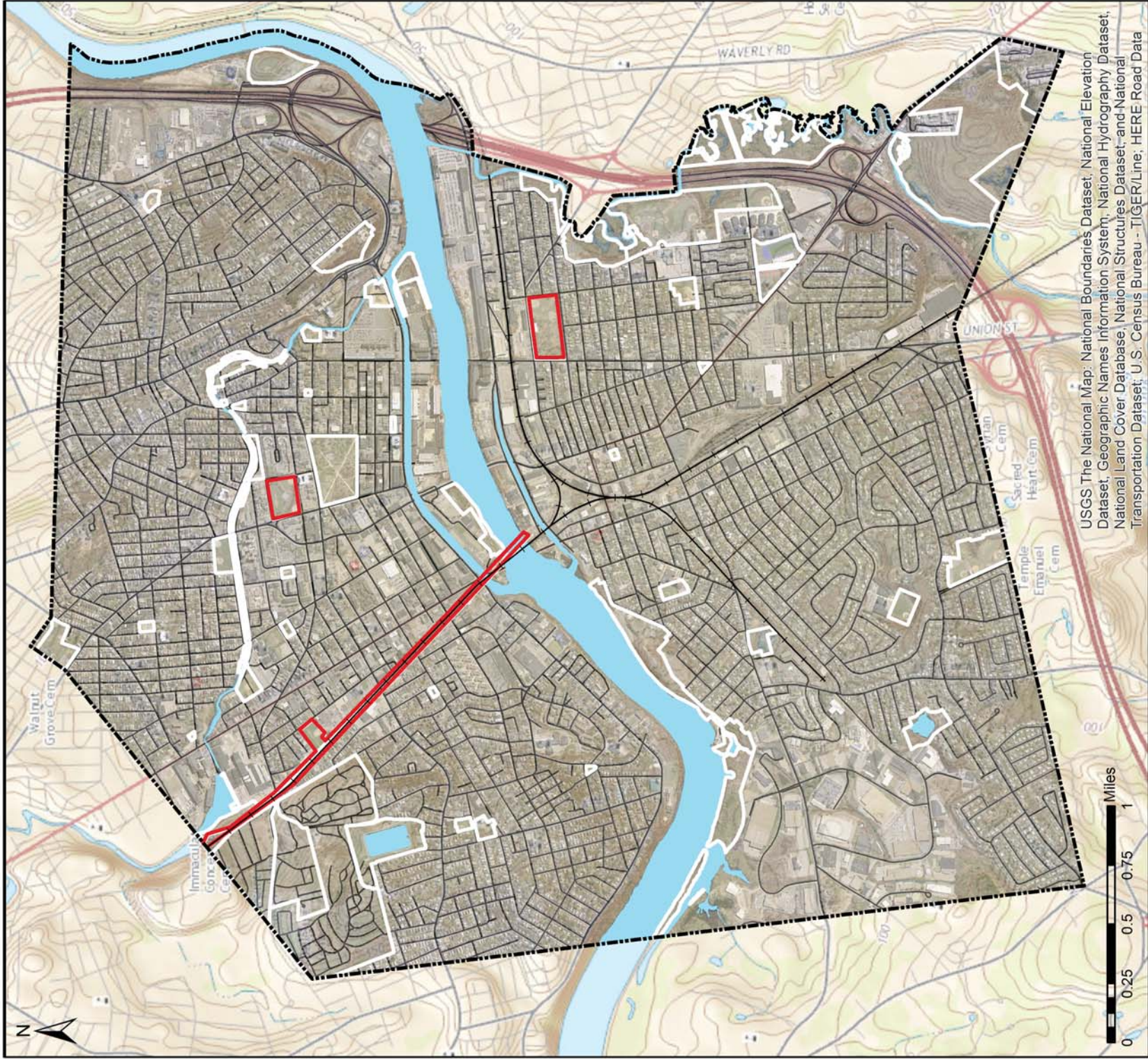






Data Source: MassGIS

Date: 2/28/2017

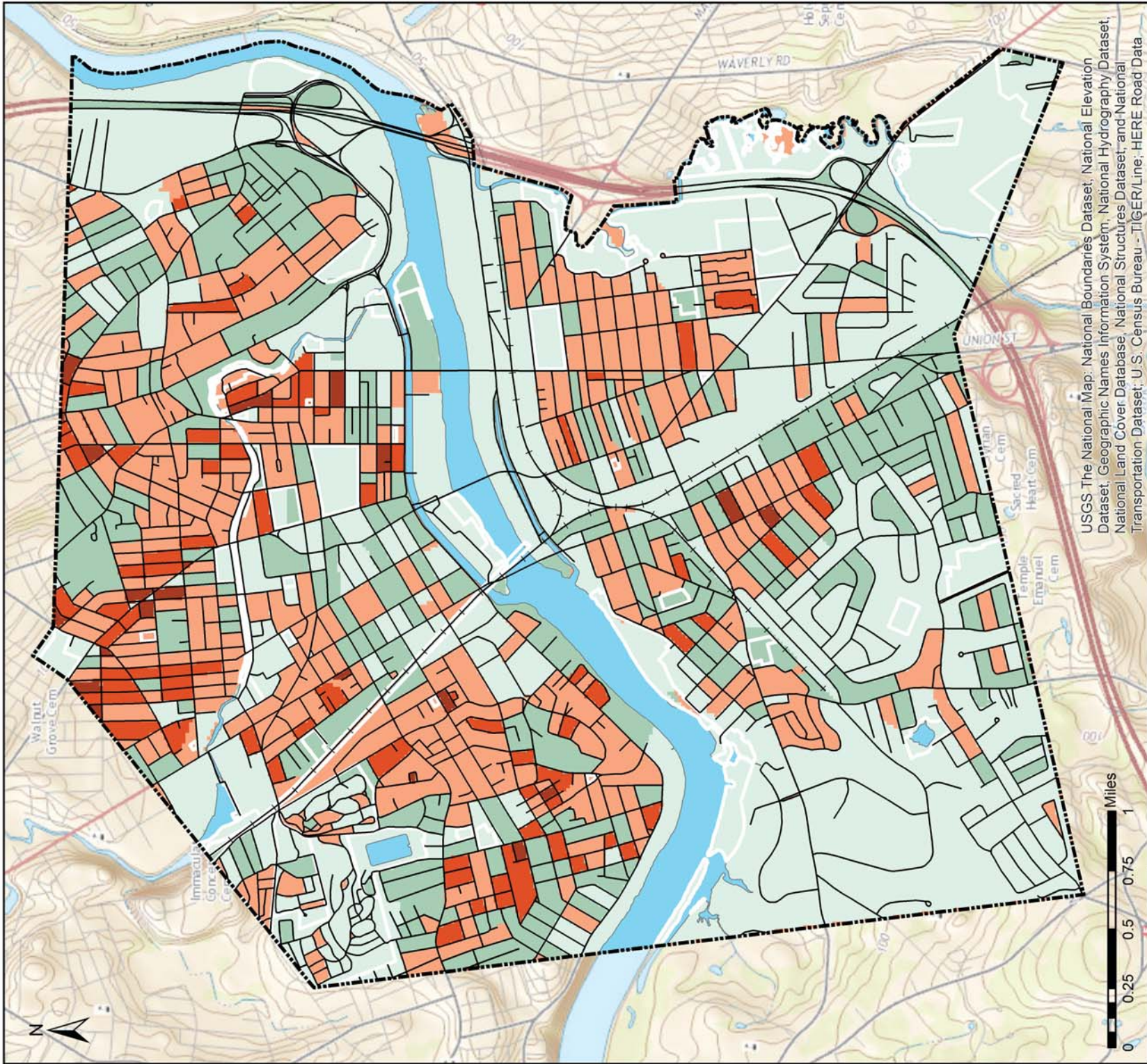
Author: KB





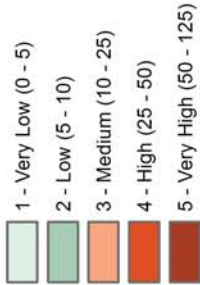
<b>Legend</b> 		<b>Local Open Space Priorities</b>	
 Open Space Priorities		Open Space Priorities in the City of Lawrence Massachusetts	
		Tier 1 Map 1	
Data Source: MassGIS, City of Lawrence		Author: KB	Date: 5/17/2017





## Legend

### Number of Youth and Seniors per Acre



Density of Populations:  
(Number of people per acre)  
65 years and older  
18 years and younger

Data Source: MassGIS, City of Lawrence

## Population

Population of youth and elderly

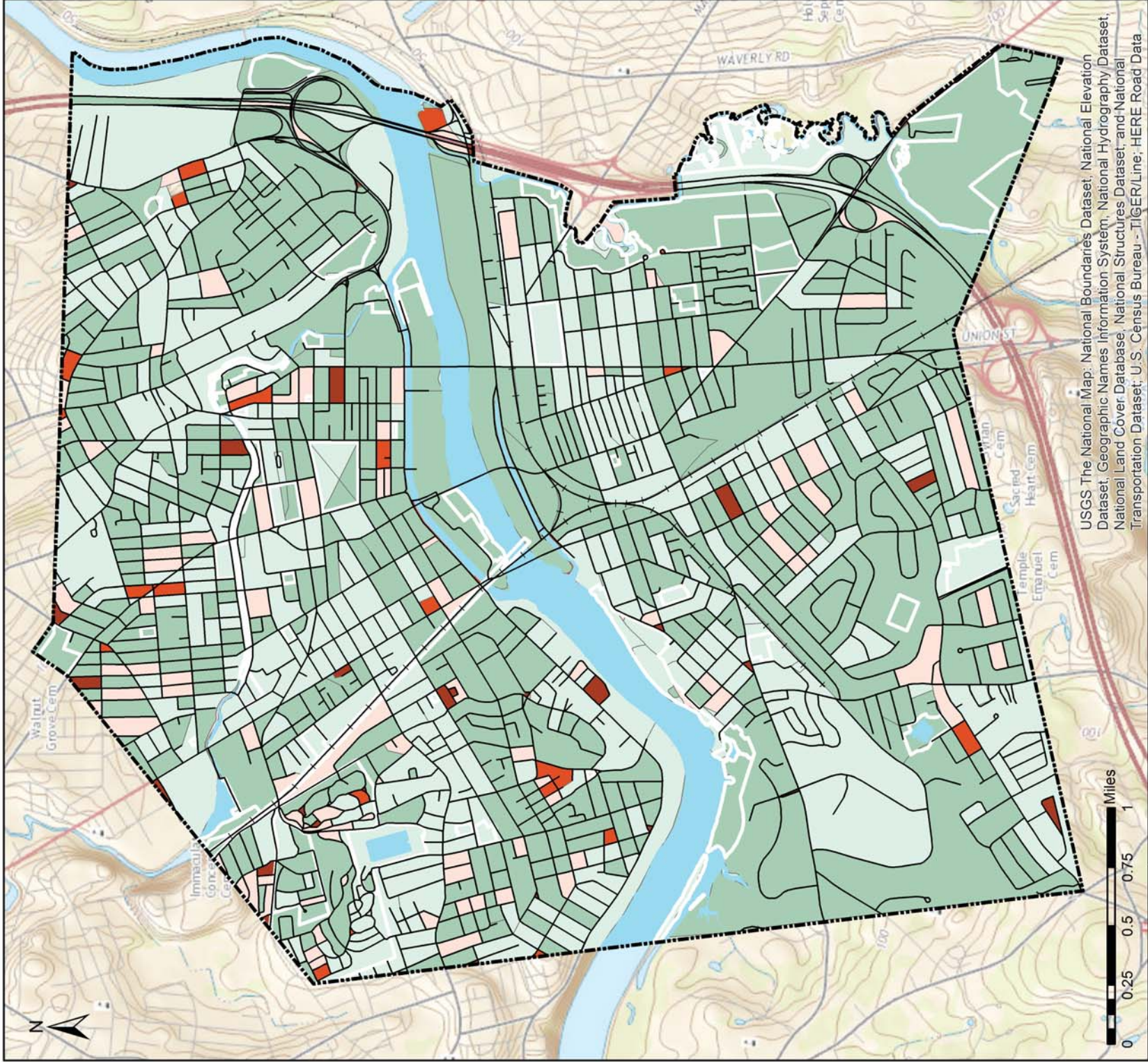
Tier 1  
Map 4



Author: KB

Date: 4/21/2017





USGS The National Map; National Boundaries Dataset, National Elevation Dataset, Geographic Names Information System; National Hydrography Dataset, National Land Cover Database, National Structures Dataset; and National Transportation Dataset; U.S. Census Bureau - TIGER/Line; HERE Road Data

### Legend

- Number of Seniors per Acre**
- 0.000000 (1)
  - 0.000001 - 5.000000 (2)
  - 5.000001 - 15.000000 (3)
  - 15.000001 - 25.000000 (4)
  - 25.000001 - 100.000000 (5)



### Population

Representation of people 65 years old and older in Lawrence

Tier 1  
Map 4

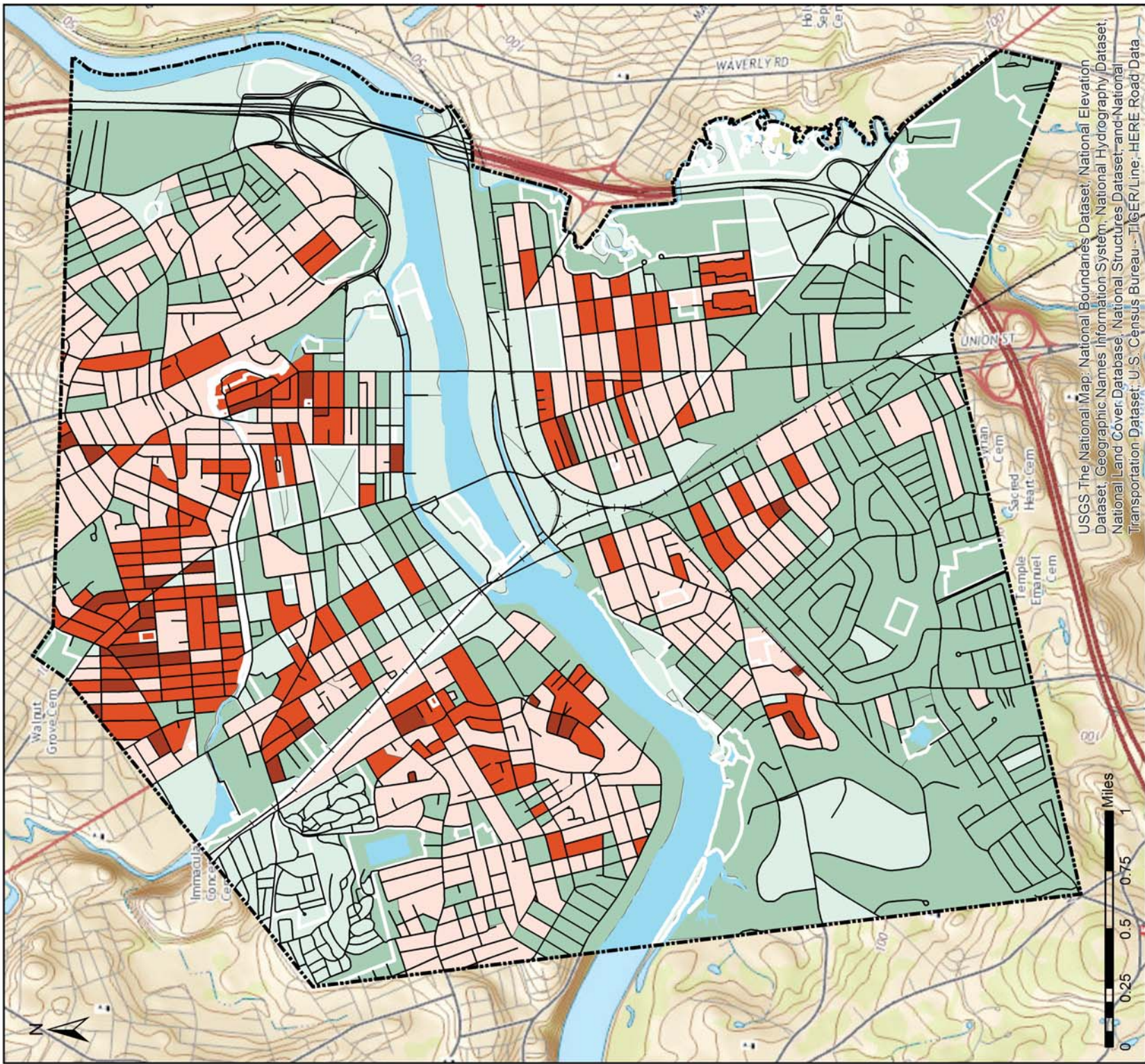


Data Source: MassGIS, 2010 U.S. Census

Author: KB

Date: 4/21/2017

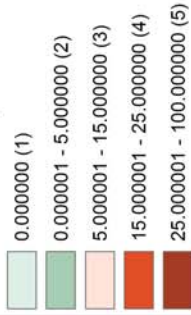




USGS The National Map; National Boundaries Dataset; National Elevation Dataset; Geographic Names Information System; National Hydrography Dataset; National Land Cover Database; National Structures Dataset; and National Transportation Dataset; U.S. Census Bureau - TIGER/Line; HERE Road Data

## Legend

### Number of Youth per Acre



## Population

Representation of people 18 years old and younger in Lawrence

Tier 1  
Map 4

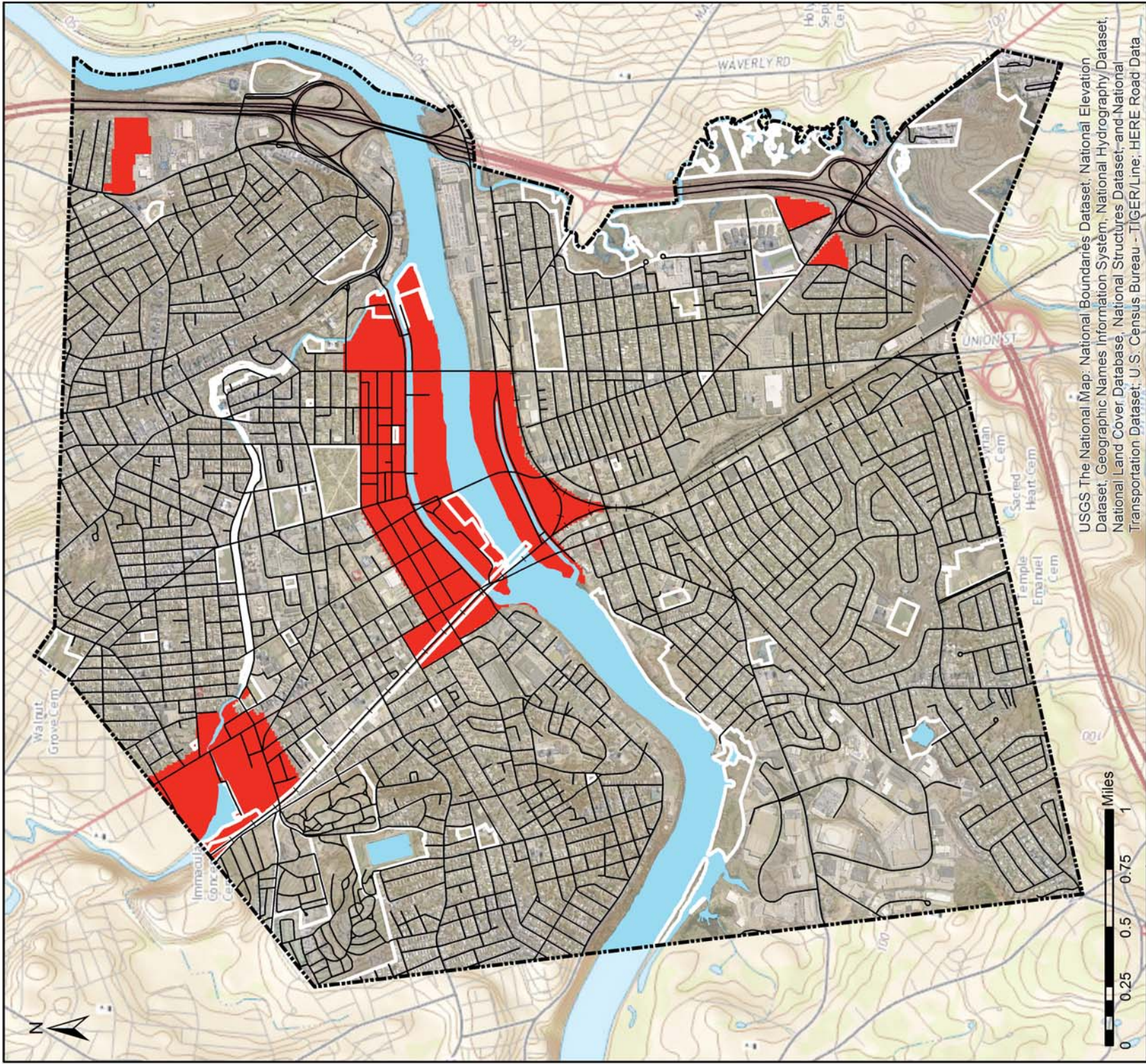


Data Source: MassGIS, 2010 U.S. Census

Author: KB

Date: 4/21/2017

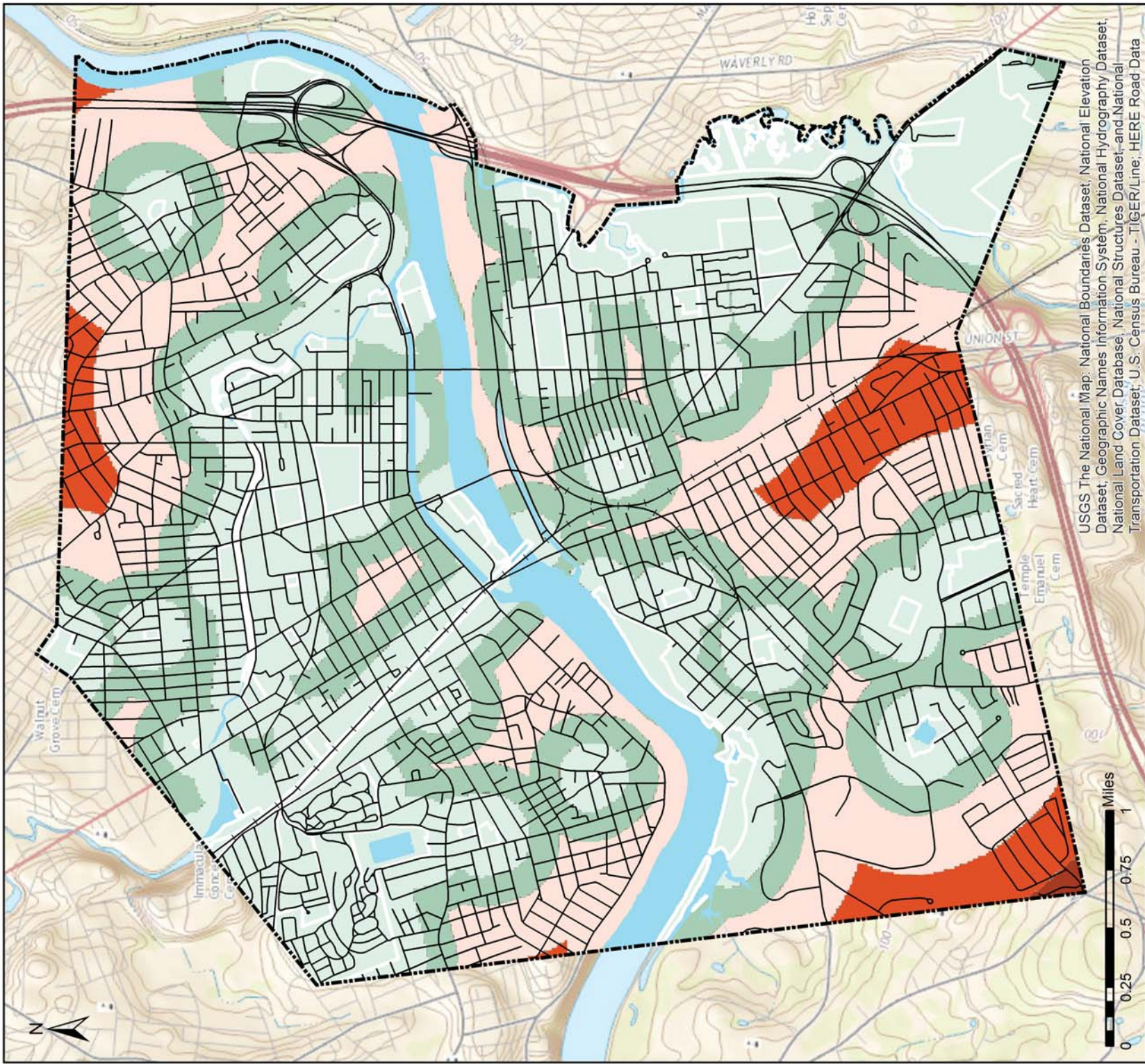




USGS The National Map: National Boundaries Dataset, National Elevation Dataset, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; U.S. Census Bureau - TIGER/Line; HERE Road Data

	<h1>Legend</h1> <div><div data-bbox="1757 1187 1808 1268" style="display: inline-block; width: 20px; height: 15px; background-color: red; margin-right: 5px;"></div>Priority Development Areas (5)</div>	<p>Data Source: MassGIS, City of Lawrence</p>
<h2>Local Priority Development Areas</h2>		
Priority Development Areas Lawrence MA		
Tier 1 Map 2	 	
Author: KB		Date: 3/30/2017





USGS The National Map; National Boundaries Dataset; National Elevation Dataset; Geographic Names Information System; National Hydrography Dataset; National Land Cover Database; National Structures Dataset; and National Transportation Dataset; U.S. Census Bureau - TIGER/Line; HERE Road Data

### Legend

#### Recreational Access

- 1 - Within 1/8 mile
- 2 - 1/8-1/4 mile
- 3 - 1/4-1/2 mile
- 4 - 1/2-3/4 mile
- 5 - Greater than 3/4



### Recreation Access

Distance from closest park in miles

Tier 1  
Map 3

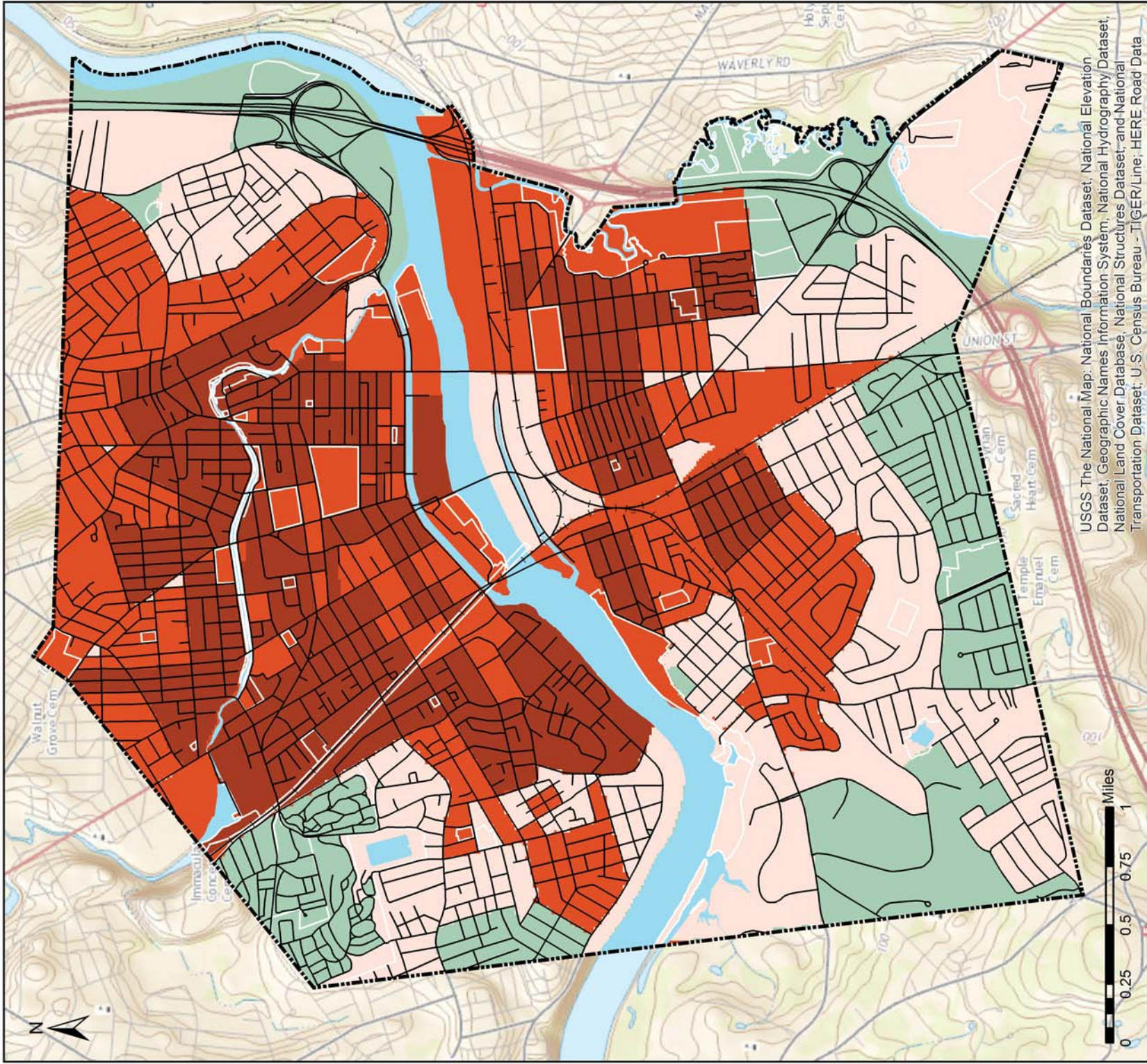


Author: KB

Data Source: MassGIS

Date: 4/21/2017





USGS The National Map; National Boundaries Dataset; National Elevation Dataset; Geographic Names Information System; National Hydrography Dataset; National Land Cover Database; National Structures Dataset; and National Transportation Dataset; U.S. Census Bureau - TIGER/Line; HERE Road Data

## Legend

### EJ Suitability

- 1 - Very Low
- 2 - Low
- 3 - Medium
- 4 - High
- 5 - Very High



Note: Social and Environmental Justice Qualifications are:

- Low Income
- English Language Isolation
- Low Educational Attainment
- Housing Density (Units per Acre)

Every Block Group in the city meets the criteria of being at least 25% minority. For this reason, Minority criteria does not affect this map, and was not used.

Data Source: MassGIS, 2010 U.S. Census

## Social and Environmental Justice

Social and Environmental Justice Factors Affecting the City of Lawrence

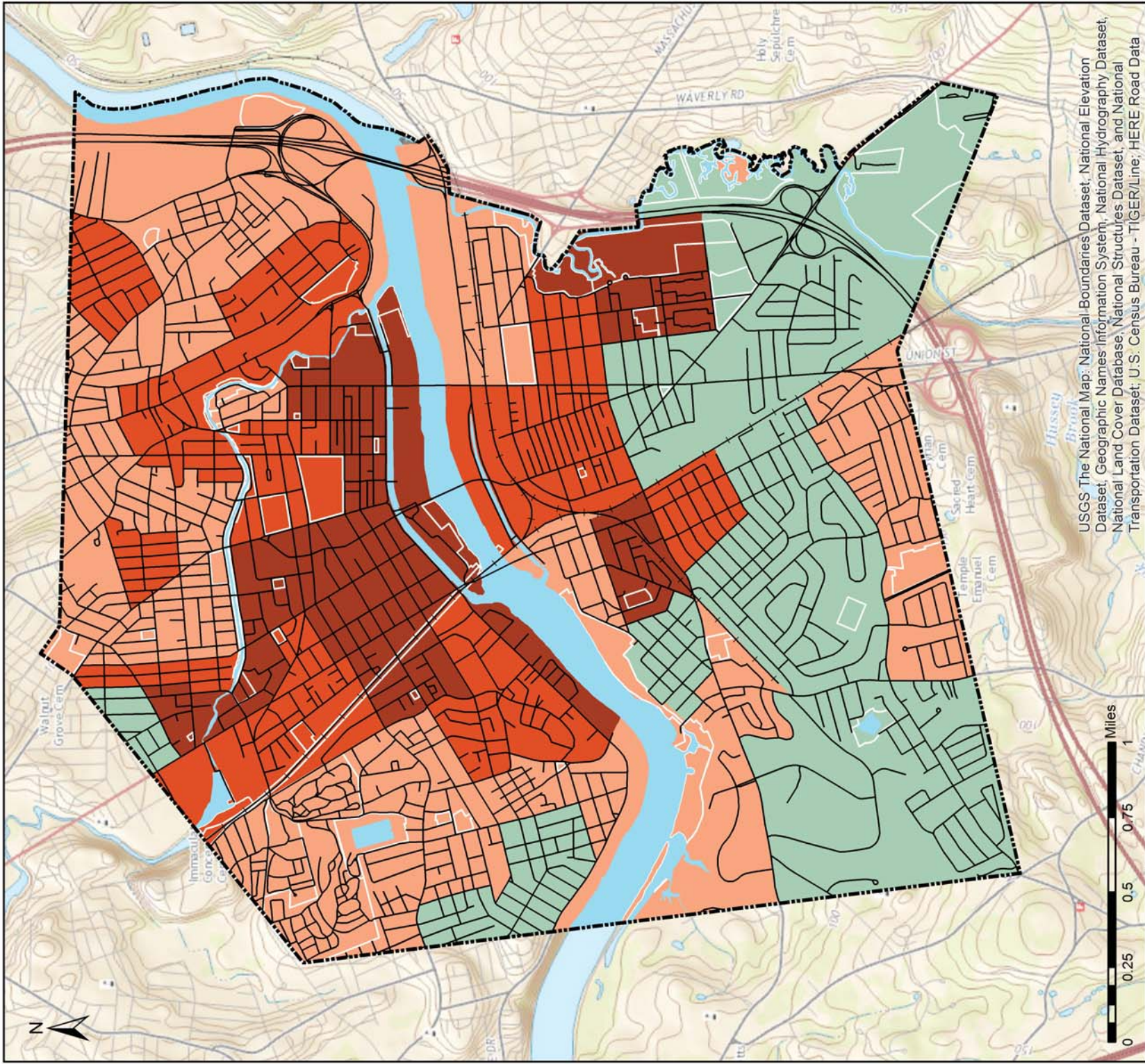
Tier 1  
Map 6



Author: KB

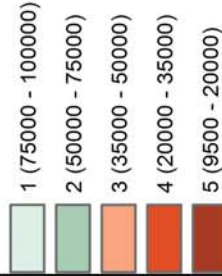
Date: 4/21/2017





## Legend

### Household Income Levels



Any Block Group with a median household income in 2010 less than or equal to \$40,673 (65.49% of state median income) was selected as an EJ population.

Data Source: MassGIS, U.S. 2010 Census

## Environmental Justice

Low Income in Lawrence MA

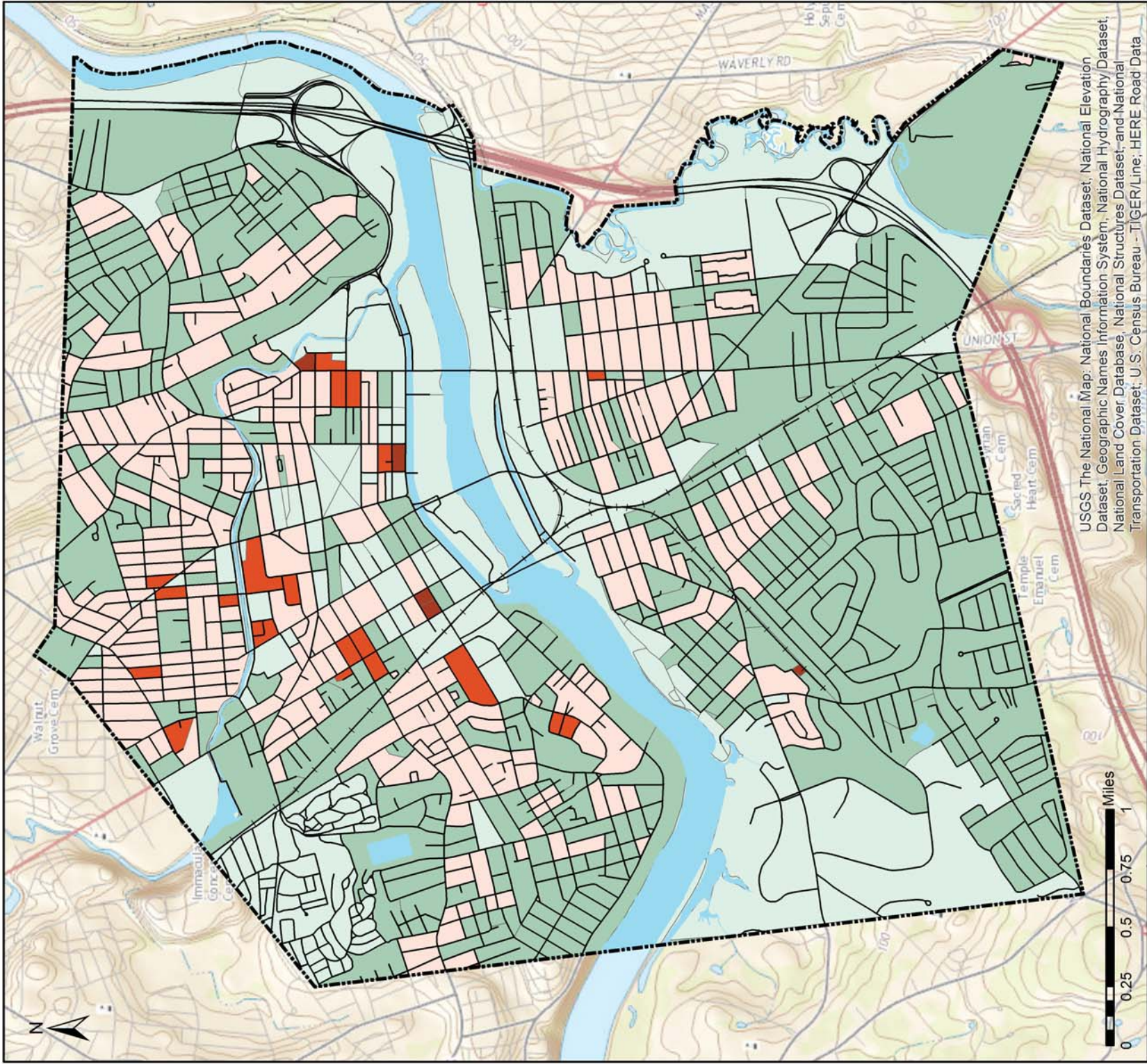
Tier 1  
Map 6



Author: KB

Date: 4/12/2017

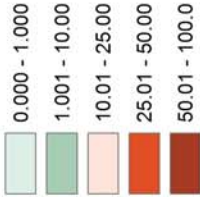




USGS The National Map; National Boundaries Dataset; National Elevation Dataset; Geographic Names Information System; National Hydrography Dataset; National Land Cover Database; National Structures Dataset; and National Transportation Dataset; U.S. Census Bureau - TIGER/Line; HERE Road Data

## Legend

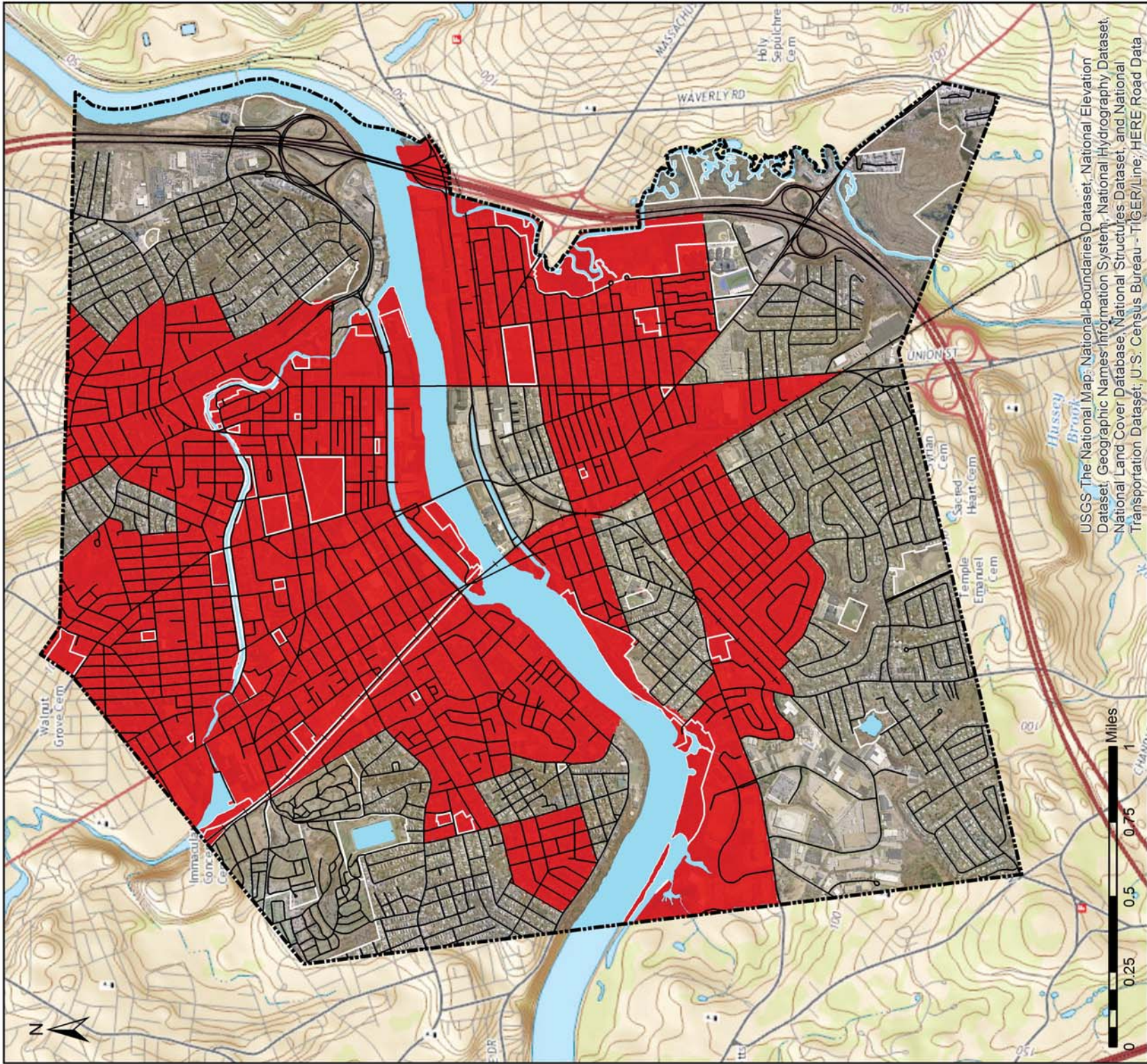
### Housing Units Per Acre



Data Source: MassGIS, City of Lawrence

<b>Social and Environmental Justice</b>	
Housing Density and Priority Development Areas Lawrence MA	
Tier 1 Map 6	 
Author: KB	Date: 4/21/2017





## Legend



English Isolation (5)



Any Block Group with 25% or more of all households identified as English-isolated was selected as an EJ population.

Data Source: MassGIS, U.S. 2010 Census

## Environmental Justice

English Isolation in Lawrence

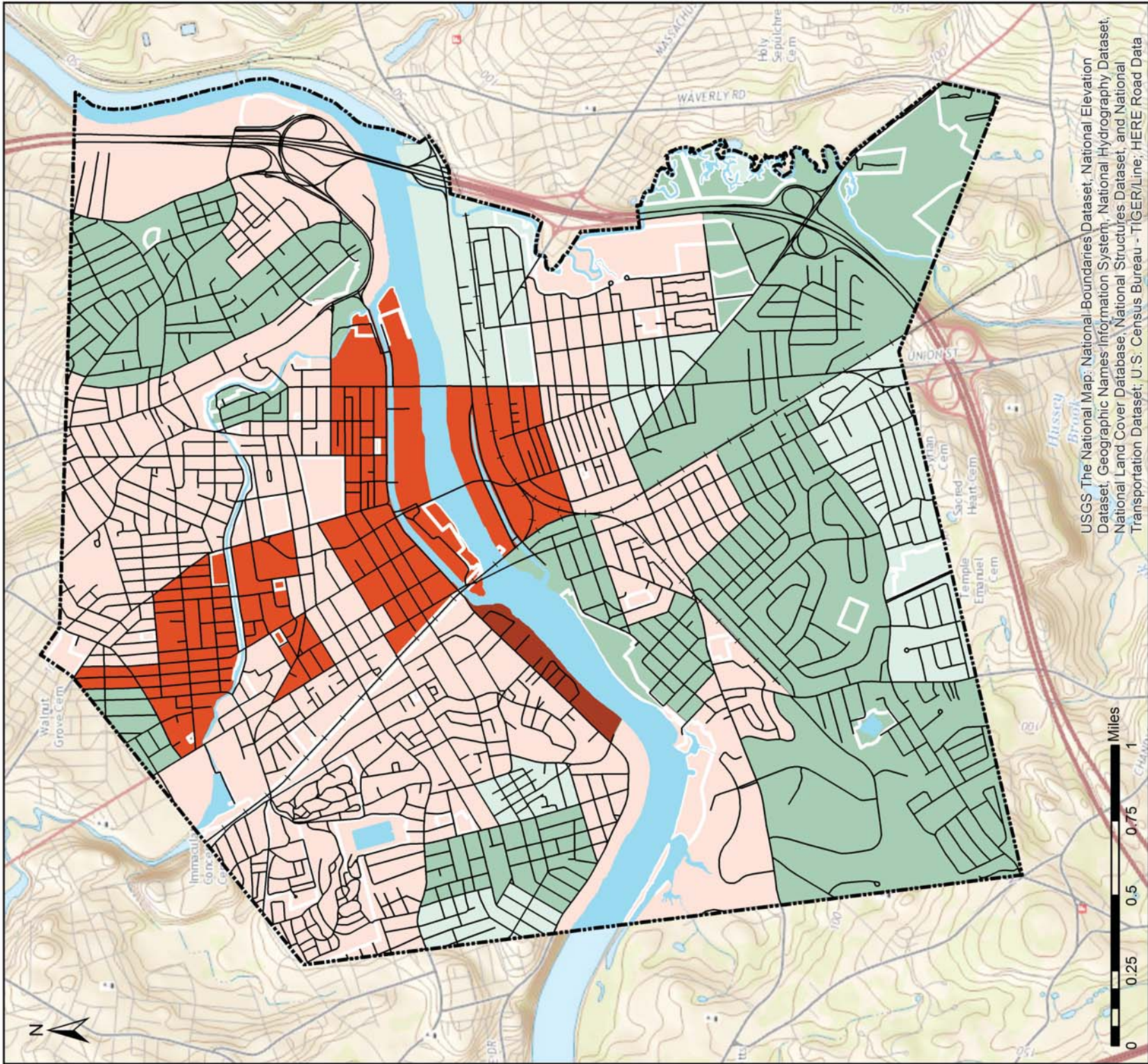
Tier 1  
Map 6



Author: KB

Date: 3/30/2017





USGS The National Map; National Boundaries Dataset, National Elevation Dataset, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; U.S. Census Bureau - TIGER/Line; HERE Road Data

## Legend

### EDUCATION

Less Than High School Diploma

- 0-15% (1)
- 15-30% (2)
- 30-50% (3)
- 50-70% (4)
- 70-80% (5)



Data Source: MassGIS, 2010 U.S. Census

## Environmental Justice

Education Level  
Lawrence MA

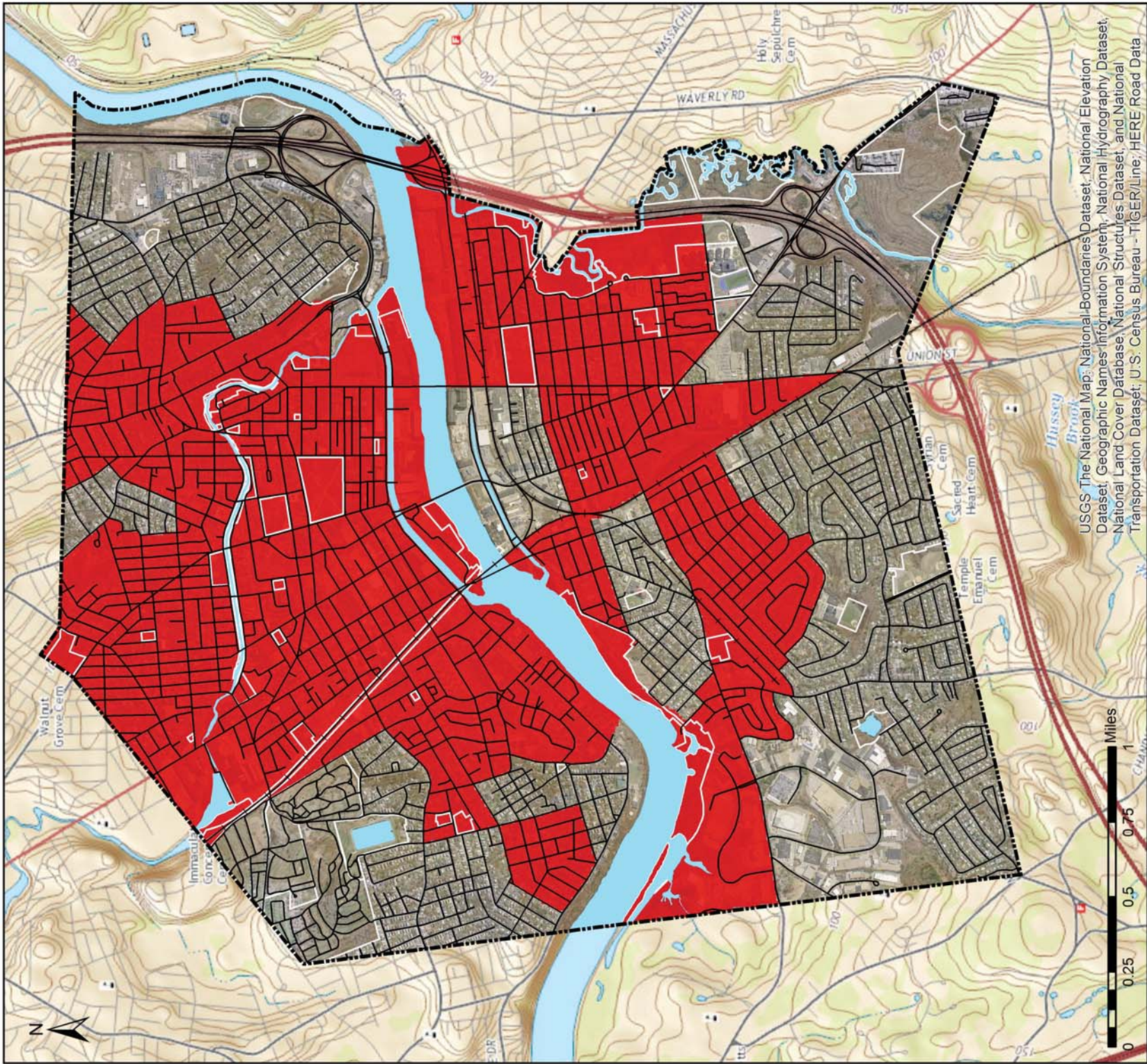
Tier 1  
Map 6



Author: KB

Date: 4/21/2017





USGS The National Map; National Boundaries Dataset; National Elevation Dataset; Geographic Names Information System; National Hydrography Dataset; National Land Cover Database; National Structures Dataset; and National Transportation Dataset; U.S. Census Bureau - TIGER/Line; HERE Road Data



## Legend

English Isolation (5)

Any Block Group with 25% or more of all households identified as English-isolated was selected as an EJ population.

Data Source: MassGIS, U.S. 2010 Census

## Environmental Justice

English Isolation in Lawrence

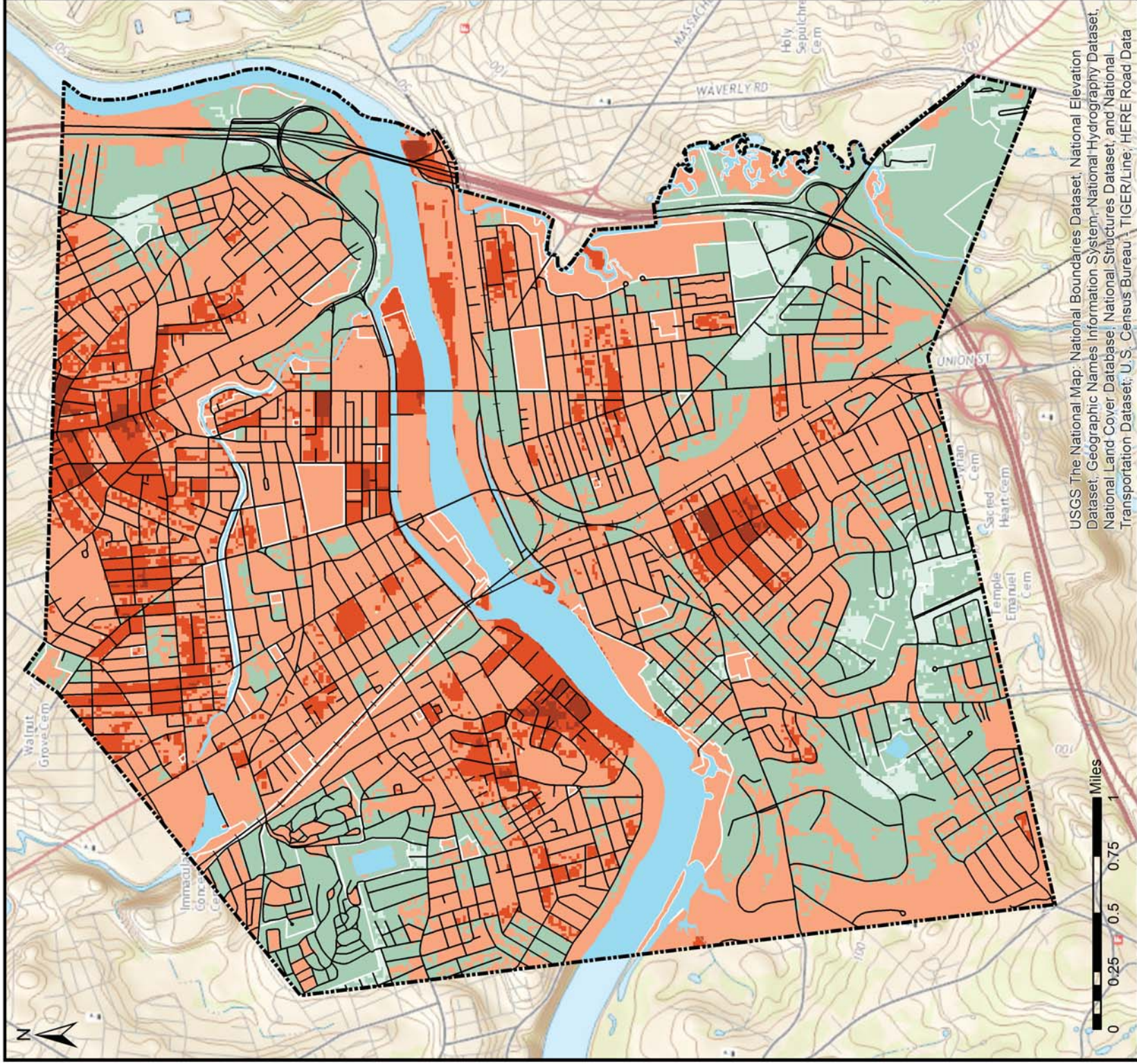
Tier 1  
Map 6



Author: KB

Date: 3/30/2017

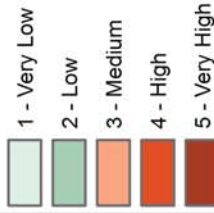




USGS The National Map: National Boundaries Dataset, National Elevation Dataset, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; U.S. Census Bureau: TIGER/Line; HERE Road Data

## Legend

<VALUE>



1 - Very Low  
2 - Low  
3 - Medium  
4 - High  
5 - Very High



### Option A

- Social and Environmental Justice
- Historic and Conservation
- Recreational Access
- Population

Data Source: MassGIS, 2010 U.S. Census, City of Lawrence

## Tier 1 Suitability Map

Tier 1 Suitability for Park Acquisition or Reinvestment

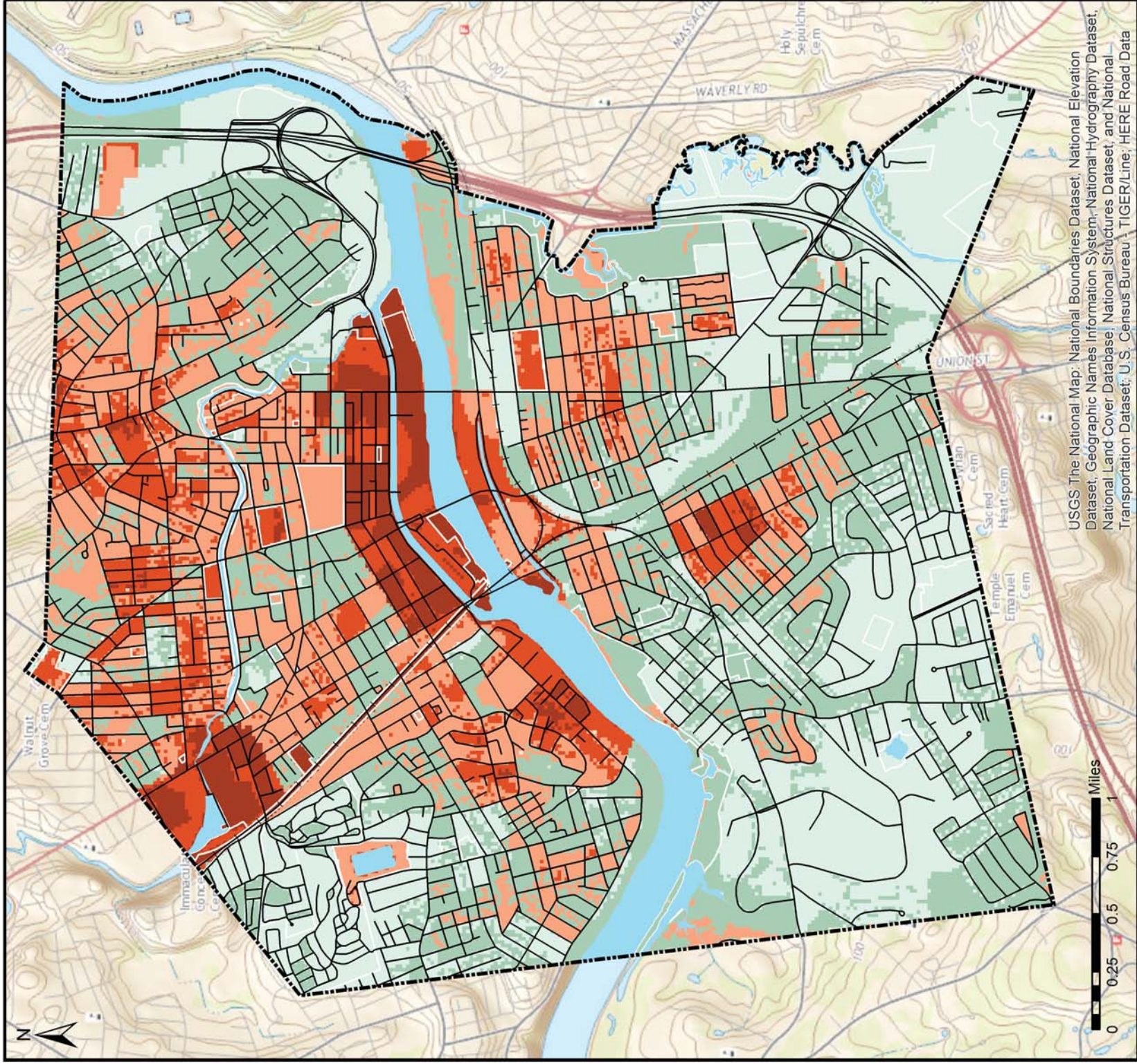
Tier 1  
Final



Author: KB

Date: 4/12/2017

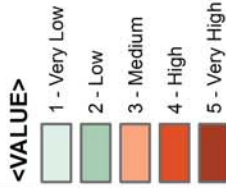




USGS The National Map: National Boundaries Dataset, National Elevation Dataset, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; U.S. Census Bureau: TIGER/Line; HERE Road Data

## Legend

### Suitability



Option B

- Open Space Priorities
- Priority Development Areas
- Social and Environmental Justice
- Historic and Conservation
- Recreational Access
- Population

Data Source: MassGIS, 2010 U.S. Census, City of Lawrence

## Tier 1 Suitability Map

Tier 1 Suitability for Park Acquisition or Reinvestment

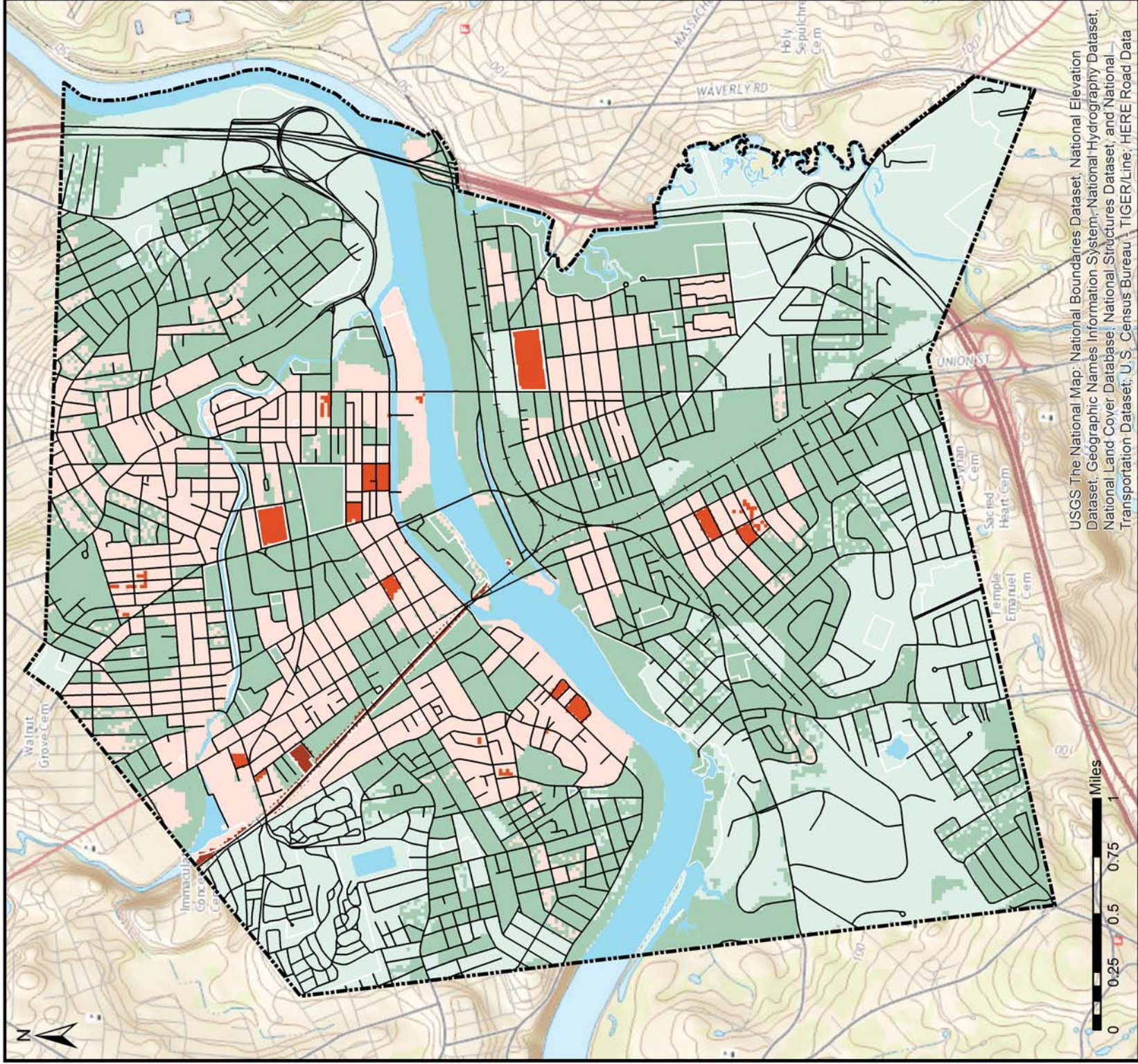
Tier 1  
Final



Author: KB

Date: 4/12/2017





USGS The National Map: National Boundaries Dataset, National Elevation Dataset, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; U.S. Census Bureau, TIGER/Line, HERE Road Data

## Legend



- Option C
- Open Space Priorities
  - Priority Development Areas
  - Social and Environmental Justice
  - Historic and Conservation
  - Recreational Access
  - Population

Data Source: MassGIS, 2010 U.S. Census, City of Lawrence

## Tier 1 Suitability Map

Tier 1 Suitability for Park Acquisition or Reinvestment

Tier 1 Final



Author: KB

Date: 5/16/2017



## APPENDIX C: PUBLIC COMMENTS



Hi, just a quick note to cover what was said in our phone conversation, that our (LHC) concerns are understood, that ground works knows of the goals of preservation of our historical districts:

1. incorporate necessary project into proper funding cycles so that progress and preservation can work hand and hand. The example I gave was the entrance to the Everett Mill was not incorporated into the Gateway project on Canal and Union Sts. because the LHC was unaware of the details of the project even though it was in the North Canal National Historic District. Those appropriated federal funds were given because of the existence of the Nat'l historical district and we could have got "a better bang for the buck" had the Commission been informed. here is the statement voted on the North Common. it was great talking to you, and we will talk after our meeting.

best regards      Jonas Stundza.

#### North Common Statement

The seventeen acre North Common has a unique history in Lawrence. Known as "The Common" since its conception in 1845, it was established as an open place to relieve urban congestion. It was part of the urban park movement of the 19<sup>th</sup> century, which was influenced by the transcendentalist movement in the U.S. The site was carved out of parcels purchased by the Essex Company and planned by the city engineer Charles S. Storrow. The gift of land stipulated that the common 1) "shall be forever kept open," devoid of structures beyond fountains and statues, 2) include perimeter fencing, 3) provide walking paths and plantings of trees and shrubs, and 4) that the city contribute \$300 annually for the duration of 20 years for the general upkeep and ongoing development of the Common. Prominent landscape architect, Fredrick Law Olmsted was placed on the city payroll to initially resolve drainage issues and work in concert with Storrow in designing the formal urban landscape as a refuge for its citizens. It typifies the ideal, open landscape architecture of its time.

Over the years, the deeded purpose and integrity of the Common has been threatened, including proposals of parking lots as well as being used as a site of a new high school. Through the efforts of local community advocates these intrusions on The Common were thwarted. As a result of a movement during our nation's bicentennial for preservation of historical parks and monuments, efforts were made to recognize and protect our urban history and place this important landmark on the National Register of Historic Places. It made The Common part of the Downtown National Historic District. In the 1990's the Lawrence Historical Commission created a new local historic district, The North Common Historic District. The primary purpose was to protect The Common and to facilitate this goal, under the State Law, Chapter 40C-3, all of the periphery structures were to be included, up to the alleys, to create a buffer for The Common.

It is not by chance that this passive open space has survived. The Common has been recognized as one of the best examples of intact commons in the Commonwealth, and this open space concept is different from playgrounds and other public spaces. The aesthetic value of The Common and the service it provides has been recognized by The National Urban Development Action Grant (UDAG) while doing a review of the city in the late 1990's. They identified The Common as a treasure for the city, requiring special attention to guarantee its protection for future generations.

\*Voted on and accepted for the second time by the Lawrence Historical Commission on its Sept. 2016 meeting.

# PLANNING BOARD

JUNE 2017

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**CHAIR**  
Tamar Kotelchuck

May 15, 2018

Susan E. Fink  
City of Lawrence  
225 Essex Street  
Lawrence MA 01840

Dear Susan,

Thank you for the opportunity to review the update to the city's Open Space and Recreation Plan. Lawrence's many wonderful parks are well used by its residents. We are delighted there is a plan outlining the city's goals and improvements to its parks.

The Planning Board has reviewed the plan and offers the following comments:

1. Please prioritize maintenance of existing parks and open spaces by focusing on the basic features to ensure residents have safe places to recreate.
2. When considering new parks prioritize interventions that will impact as many residents as possible.
3. Consideration should be given to prioritizing the open space enhancements outlined in the recently adopted Lawrence Redevelopment Plan such as working with MA DCR to improve Pemberton Park.

Thank you for this opportunity to comment on the plan.

Sincerely,

  
Tamar Kotelchuck, Chair





## Merrimack Valley Planning Commission

June 7, 2018

Susan Fink  
Manager of Financial and Administrative Services  
Lawrence Community Development Dept.  
225 Essex Street – 3<sup>rd</sup> Floor  
Lawrence, MA 01840

Re: Lawrence Open Space & Recreation Plan 2018 Update

  
Dear Ms. Fink:

The Merrimack Valley Planning Commission has reviewed the most recent draft of the 2018 update to the Lawrence Open Space and Recreation Plan prepared by the City with Groundwork Lawrence.

All who participated in the plan update are to be commended for the effort undertaken in inventorying the City's conservation and park resources and setting five-year action priorities. The plan contains valuable resource information and complements regional planning initiatives and the City's recent planning work in housing, economic development, natural hazard mitigation and community resilience

Based on our review, the plan update incorporates all required plan elements.

MVPC is fully supportive of the plan implementation goals and strategies which are consistent with both the Merrimack Valley Region Priority Growth Strategy and the Regional Multi-Hazard Mitigation Plan 2016 Update adopted by the City and endorsed by FEMA.

We look forward to continuing work with the City and Groundwork Lawrence in the years ahead in helping implement plan recommendations. Thank you again for your work and please contact me at (978)374-0519 x16 if we at MVPC can be of any further assistance

Sincerely,

  
Joseph M. Cosgrove  
Environmental Program Manager

160 Main Street, Haverhill, MA 01830

Phone: (978) 374-0519 • Fax: (978) 374-1800

Serving the communities of:  
Andover Andover Boston Georgetown Groveland Haverhill Lawrence Merrimack Melrose  
Newbury Newburyport North Andover Reading Salisbury West Newbury

## APPENDIX D: SURVEY RESULTS



1. How important are the following actions to improving Lawrence's parks and recreation facilities?											
	Very Important		Important		Less Important		Not Important		No Opinion		Total
Maintain existing park facilities, such as sports fields and playground equipment	83%	297	15%	53	1%	4	1%	2	1%	4	360
Activate existing parks by adding new amenities	58%	207	29%	104	10%	37	1%	5	1%	3	356
More offstreet walking paths similar to the Spicket River Greenway	51%	178	31%	110	14%	50	2%	6	2%	7	351
Additional community garden opportunities	45%	158	34%	119	14%	49	5%	18	3%	11	355
Improve accessibility for those with disabilities	60%	214	30%	108	7%	25	1%	2	2%	8	357
Other:											37
									Answered		411
									Skipped		5

OTHER
more trash barrels so there could be a possibility of less trash on the ground.
Park concession at South Lawrence East Little League
More benches. More soil buildup for trees--we are walking on their roots--need tree surgeons
Bathrooms
More important kept clean
Parent pick up parking
#1... Properly maintain what we have!
More Soccer, Baseball Fields, Basketball Courts, access to Ice Skating
Reserve funding for park development for paid jobs in Lawrence for residents to support these projects.
Increase lighting and trash barrels in parks. Perhaps have a emergency phone and/or cameras set up. Concern about security. A lot of homelessness issues and drug abuse.
Make sure trash disposal systems are in place!
Dog Parks
Spraypaint and graffiti and trash must be removed on weekly basis (if not more frequently).
Better security, do not like bringing my kids to some of the parks. Perhaps some sort of collaboration with the LPD to increase their presence.
Bathrooms for playground
Bathrooms for playground
Bathrooms for playground
Bathrooms for playground
Bathrooms for playground
Bathrooms for playground
More lights at parks, clean up the grounds.
Ponds

2. What are your priorities for Lawrence's parks? Check all that apply.		
Answer Choices		Responses
Cleaning / Litter removal		80% 329
Lighting		71% 290
Security		63% 260
Walking paths		63% 257
Children's play equipment		57% 235
Benches / Tables		57% 234
Playgrounds		57% 232
Bathrooms		56% 229
Recreation / Sports programs		50% 204
Paths		48% 195
Sport fields		46% 188
Drinking fountains		43% 176
Dog park / run		40% 163
Public art		39% 159
Beach on the Merrimack River		26% 108
Pool		24% 98
Track		24% 97
Synthetic turf fields		21% 85
Dominoes		20% 84
Other:		10% 39
	<b>Answered</b>	<b>410</b>
	<b>Skipped</b>	<b>6</b>

**OTHER:**

Security, there seem to be addicted and homeless people actively living and doing illegal activities in the parks. As a mother, this worries me that my kids are been exposed to this.
Bike paths
open space that provides people to enjoy the natural environment and sun.
Tennis Courts
Concession stand
Water park, Bowling area, Skating
activities for ages: poetry in the parks
Passive recreation, picnics etc, = less cost and less liability.
Also, include picnic tables and umbrellas at picnic tables . Include a senior park -out-recreational activities for seniors.
Library Open on Sunday
Keeping the parks as vandalism free as possible.
For the water fountains to be water bottle friendly and more historical art primarily from 1970s- now
Maintenance & trash removal
only certain parks should be for dogs; most should be dog free
Would love a digital screen that shows all the calendar of events and photos of past events as well as future projects
Walking signs like the ones at the Commons, giving users an idea of how far they have walked, and/or how many calories they might have burned
Have a senior park that design for senior's to stay fit and active!
Security
River clean up
More activities for kids
Splash pads
clean streets
Ponds/bridges, more diverse plants



3. What amenities, sports or activities you would like to add to Lawrence's park system?		
Answered	192	
Skipped	176	
Respondents	Responses	
1	Heavy Security	
2	Exercise park exercise poles and bars	
3	sprinkles	
4	gardening activities around the community parks.	
5	Not sure if each park has its own summer program but it would be nice to know which park has the summer recreation programming where kids get breakfast and go on field trips.	
6	Have some kind of program for kids in the summer, involving staff of course, where kids could go out, play and gather with their friends.	
7	Pick up games at schools in the summer. Such as kickball, basketball etc.	
8	More water features that children can play with, ice skating in winter, picnic tables	
9	-Community gathering spaces -Bike paths -Gazebos -Water/splash parks	
10	A soccer field.	
11	Tennis Courts, Disc Golf, squash courts, outdoor exercise equipment	
12	Water Sprinkler, roller skating floor & Volley ball courts.	
13	safe, clean spaces	
14	Tennis and Volleyball	
15	Ball fields in North Lawrence - Prospect Hill area. It's so sad our kids can't walk to a well maintained ball field to play baseball or soccer.	
16	Kids sport programs!	
17	More soccer	
18	Concession stand and lighting at SLE.	
19	Tennis Court, Picnic Tables, and more benches to sit on.	
20	Tennis	
21	Beach volleyball	
22	Basketball at North Common	
23	Literature groups	
24	Basket ball hoops	
25	More gym systems	
26	A court to play volleyball and basketball	
27	Nothing	
28	i dont live in lawrance , but I would say a volleyball ground.	
29	Volleyball and tennis field	
30	basketball (boys & girls), football, tennis, baseball, football, 4 square, fun playgrounds no ROCKS involved, track for kids that love to run, something with art for kids to explore their imagination.	
31	Bowling area, skating, volleyball, tennis	

32	More basketball courts
33	Football, basketball, baseball
34	movies dancing in tthe parks music , better stage in the Common ,movies
35	Keep parks passive and pastoral... Find a way to utilize all those empty, well equipped gyms in the schools... think outside the box!!
36	I THINK OUR YOUTH FOOTBALL TEAM SHOULD HAVE A PLACE TO CALL THEIR HOME!!!!!!
37	To have an Outdoor stage so we could have out-door performances,such as: open mic, spring/summer concert series, plays, area to do outdoor arts and crafts. Have paths to do nature walks, or savager hunts with the children etc.
38	Baseball, football, and fishing
39	Free summer outdoor fitness classes at the parks
40	Bike trails
41	bathrooms, more trash receptacles
42	community/family activities
43	none at this time.
44	Periodic Craft or Art Fairs
45	ice skating, concerts, outdoor movies
46	More benches
47	Anything that will be fun, safe, healthy for our new generations... Dominos in the park not a great idea... we want to space for our young generations to play
48	Not sure if there are soccer leagues. It is a great team sport all can experience.
49	Handball
50	stations to work out...
51	none
52	Tracks for running, volleyball, bicycling, tennis
53	Security Lighting. It's a shame to create a nice park and then have it ruined by vandals. 2. Sports fields to keep kids active.
54	baseball and baseball fields
55	Volleyball
56	batting cages, walking tracks like Andover has in Balmoral park
57	Volleyball nets and Tennis nets in north Lawrence.
58	more trash cans
59	I would like to see more activities for children outside the playground area. For instance, flying kites, learning field hockey or lacrosse. Sports that children in Lawrence may not be exposed to while they are in school and that are different from the typical activities offered in an after school program. Lawrence also needs more tracks that are safe to walk, jog and run in. A dog park should also be prioritize since it will give an opportunity for families who have dogs to go out together and play in a safe space. My family has to travel all summer to North Andover and other cities to have fun with our husky and yorkie out in the open in a secure area where we don't feel our pets will be in danger of running out to the street, etc.
60	I am not familiar with what is there already so cannot respond
61	volleyball
62	MORE SOCCER FIELDS
63	active recreation areas



96	I think turf would benefit residents if approached and developed collaboratively and creatively. The fields demands just cannot keep up with population size and activities. I see new fields get beat up so quickly.
97	Urban farms, community gardens and pollinator gardens
98	Trails and ways to cross streets safely will help reduce car dependence and encourage pedestrian / bike usage of parks and trails!
99	Love that we have an urban farm at Costello Park. Would love to see something like that in North Lawrence.
100	Art structures/statues
101	I would like to add bathrooms, lighting, benches, trash cans, and public art to Lawrence's park system
102	Women's weight loss/Nutrition group
103	Add more fields and courts and have more sport events at all the parks
104	I want public art to be shown in the park. I want all amenities to be fair for all people.
105	It is important for the parks to be cleaned
106	I would like to add in Lawrence parks is activity like sports and like children activity
107	water park for summertime
108	Swings, trash, recycle
109	Capture the flag
110	Soccer fields, baseball fields
111	stakeboard park
112	Art both as display and art making in public spaces
113	I know a lot of kids that like to play 4 square maybe if there were things of that sort on the floor that kids could play.. Maybe a rock climbing wall or a cave looking thing where kids can feel like they're in new spaces if they climb or get inside.. graffiti wall as well.
114	Tennis, soccer, putting green, outdoor concert/event stage
115	Walking club
116	walking paths and good lighting
117	Public access to gardening
118	exercise programs
119	safe clean areas
120	riverwalk all along the meerrimack river
121	Poles & pull up bars
122	water sprinklers in the summer, soccer, baseball, basketball, dominoes
123	Softball, Men and Women, softball plays a very important part in the city of Lawrence.
124	Soccer
125	safer dugouts...clean fields and maintenance of the fields! Teams pay a ridiculous amount of money to the recreation department to just play on the fields and there is basically nothing to show for it besides an open field on game day.
126	Baseball field.
127	Functional Basketball Courts.
128	More outdoor fitness parks!
129	Static work out structures
130	water fountains for kids to use in the summer
131	Fitness exercises posted along paths for people who participate in interval training.
132	Basketball for youths

133	I would love to add a more structured summer program for kids. A program that would provide staff to run activities like sports and, art and crafts.
134	Community gardens
135	More recreation programs for children
136	Swimming, gardening, playground
137	Police patrols to eliminate drug and alcohol use in parks.
138	areas that provide shade
139	Parking areas
140	splash park for kids
141	Newer playground equipment and some adult exercise structures
142	Tennis courts in the north side.
143	TENNIS
144	Something for the youth sports... Any sport at all just make it for the kids
145	a park with several shaded charcoal bbq areas and a bathroom for the water splash park
146	Gatekeeper's property should be made into science and visitor center similar to those on Plum Island. Perfect spot to educate people on the value of the river.
147	Water park
148	Security and clean parks free of drugs and garbage
149	Dog park, singers and bands performances
150	Softball & Soccer fields.
151	More walking trails
152	Regulation size softball field suitable for men's leagues and coed leagues. Fences must be 300' all the way around. Turf field could be used for other sports off-season. A similar field was built in Methuen.
153	A concession stand and restrooms at South Lawrence east little league.
154	Not sure. What are the options?
155	Add during the summer months college students/ with related majors to act as counselors, instructors, some monitoring activities
156	Bathrooms
157	More walking paths for exercise
158	friendly leagues for all ages
159	volleyball courts, bicycle routes
160	Take care of what we have first
161	Bicycle parks. A City of Lawrence Soccer Association
162	More maps available at more locations with what is available and when
163	More trees, gardening opportunities
164	More soccer fields open to public use; Maybe bocci or shuffleboard--games that seniors could use (on the Campagnone common would be nice, since that would be near the Senior's Center)
165	More walking paths connecting areas of the city.
166	Soccer more soccer fields, right now in the city we only have one official soccer field, the the soccer field in the city is not a regular size field, and the last playing soccer space is located on a baseball field and when baseball is on the field we don't get to use it.



167	Litter cleanup and security to prevent people from littering to begin with
168	Sunday coed softball
169	Volleyball
170	Beach Volleyball, Lights at ball fields, turf
171	Public workout space. Many communities across the country and world have workout space for residents.
172	Canchas para niños mas pequeño
173	Any
174	Banos
175	Hacer un programa de como cuidar los parques y como compartir en ellos, principar a los ninos
176	Piscinas bajo techo
177	Piscinas bajo techo
178	Una plataforma para concerencia, con temas relativos a como estan trabajando los concejales y el alcalde
179	En algunos parque de estados unidos tienen mecaninos para hacer cacao en el verano, aqui deberian implementarlo
180	Agregar mas recreacion para los niños y adolescentes y multar a los q tiran basuras ya que muchos parques se llenan de basuras.
181	Baloncesto, bolibol
182	Soccer para niños
183	Baloncesto, soccer
184	Canchas de Basketball
185	Luces, banos, seguridad, y la importante organizaciones que sea para ayudar
186	Campo de socker
187	basketball y ajedrez
188	Area para caminar of correo
189	canchas de futbol (soccer), equipos de ejercicios para adultos.
190	Fútbol
191	Canchas de basketball. Espacios para ninos para montar bicicleta libremente y seguros
192	n/a

4. Which of these recreational activities does your household participate in. Check all that apply.		
Answer Choices	Responses	
Walking	88%	311
Bicycling	51%	181
Community Events	49%	171
Running / Jogging	47%	165
Playgrounds	39%	136
Basketball	36%	127
Gardening	33%	117
Swimming	31%	109
Soccer	28%	99
Volleyball	20%	72
Football	20%	69
Senior Center Programs	21%	74
Dominoes	18%	62
Other:	13%	46
Tennis	14%	51
Fishing	14%	49
Skateboarding	10%	35
Handball	7%	24
Baseball	1%	5
Softball	1%	5
	Answered	352
	Skipped	16
<b>OTHER:</b>		
Hiking, yoga		
baseball		
Baseball		
art in the parks		
Honoring the fallen of Lawrence by visiting the memorials at the Campagnone Common, they are works of art as well and should be appreciated and respected.		
Baseball		
None other		
Kite Flying and Golf (driving range in Lawrence?)		
BASEBALL		
not a resident		
inline skating		
volunteer/community service, community outreach, arts and crafts etc.		
Public art		
Martial arts, Tae chi or moving meditation stations.		
Theatre! Performance! Dance! Music!		
Sailing, canoeing		
Hang out		



Chess
baseball
Baseball
lacrosse and hockey
dog walks
Roller skating
Pole fitness
Art
Softball
Softball
Softball
Softball
outdoor fitness
Baseball
Softball
Live music
Officiate softball, baseball, football
Little league baseball
Baseball/softball
Softball
softball
Dog walking
organized tours
Nature Appreciation Programs
Boating
Softball
Softball, baseball
Softball

5. Which of these parks does your household use regularly? Check all that apply.			Responses	
Answer Choices			54%	193
North Common / Campagnone Common / La Ardilla			33%	101
Lawrence Boathouse			27%	89
O'Connell South Common			27%	83
Riverfront State Park			25%	74
Lawrence Heritage State Park			24%	79
Tower Hill / Resevior / Beliview Cemetery			22%	69
Mount Vernon Park			20%	60
Veteran's Stadium			19%	58
South Lawrence East Fields			18%	54
Den Rock Park			18%	55
Spicket River Greenway			11%	36
Prospect Hill Park / Storrow Park			10%	32
Pemberton Park			9%	29
Parthum School Playground			9%	28
Ferrous Site			9%	31
O'Niel Park			8%	23
Other:			7%	24
Manchester Street Park			7%	22
Immigrant Place Park			7%	20
Costello Park			6%	21
Hayden - Schofield Playstead / Ollo			6%	19
Howard Playstead			5%	16
Misserville Park / Skate Park / Leonard School Playground			4%	13
Kane Park			4%	12
Jacques Pond			4%	12
Sullivan Park			3%	11
Tarbox Park / Cronin Park			3%	10
Gagnon Park			3%	11
Scarito Park / Brook Street Park			2%	7
Bourgoin / West Street Park			2%	5
Kennedy Park			0%	2
The Landfill			0%	1
Oxford Park			Answered	334
			Skipped	34
OTHER				
reveride park				
Philip j. Riley Park				
Will the South Lawrence fountain ever be fixed???				
none, not Law resident				
The park near Common Street				
Regularly visit parks in North Andover				
not a resident				
none				
Wetherbee school park				
Guilmette School Playground				
Common				
Don't live in lawrence				
Frost School Park				



Raymond J. Martin Riverside Park (Methuen)
High School Ball Fields
Frost softball field
None, no longer feel part of Lawrence community
Little league at SLELL
none of the above
I was not aware of most of these parks.
We go to surrounding towns
I don't live in Lawrence, but I've checked the ones I've enjoyed the most
Facella

6. How do you get to the Lawrence park you visit most frequently?	Answer Choices	Responses	
Car		55%	188
Walk		35%	119
Bike		5%	17
Other:		3%	10
Public transportation		2%	6
		<b>Answered</b>	<b>339</b>
		<b>Skipped</b>	<b>29</b>
<b>OTHER:</b>			
or car			
i don't			
Boat			
Car and Walk			
Don't usually go			
I have never been to a park in Lawrence.			
All the above			
Do not visit, no longer feel part of Lawrence community			
Na			

7. How frequently do you visit Lawrence Parks?	Answer Choices	Responses	
Occasionally		32%	112
Weekly		30%	104
Monthly		13%	44
Daily		12%	42
Rarely		9%	32
Other:		3%	12
		<b>Answered</b>	<b>346</b>
		<b>Skipped</b>	<b>22</b>
<b>OTHER:</b>			
not often			
summer			
Whenever I have free time usually on the weekends.			
Summer time			
never			
bi weekly spring, summer & fall (April-Oct), Occasionally during winter (Nov-March)			
Semana Hispana			
Never			
Few times a week			
Never, no longer feel part of Lawrence community			
Once baseball season begins.			
all listed above would be for those able to use as once I did and I would enjoy being able to do again			





9. Do you consider parks and recreational facilities to be well distributed throughout the city?		
Answer Choices		Responses
Yes	72%	228
No	28%	88
		33
	Answered	316
	Skipped	52
<b>Additional comments:</b>		
Leroy street area has no clean green space to encourage community to meet together.		
Need more in Tower hill neighborhood.		
There is shortage of park space in lower Tower Hill. Also there is no access to the Marrimack Riiver on lower tower Hill		
More than enough for less than six square miles....		
This may be because of lack of information or community events not being hosted throughout the city parks to highlight the communities.		
don't know		
I am not familiar with the City of Lawrence parks locations. I work in Lawrence near a Park.		
Both Libraries should be open on Saturday/Sunday		
But not easy to find, not enough street signs indicating if there is within a mile a park nearby.		
There are enough parks but we need more amenities and park activities		
Yes, but the quality of parks is not equally distributed throughout the city. Some parks are well maintained while others have suffered from years of neglect like Gagnon park until very recently since renovations have begun.		
But I wish the South Lawrence Common would get as much attention as Campagnone Common.		
There's too many parks for such a small city. Some of these parks are eyesores. Contraction is the		
None in good shape and all need upgrading.		
We usually have to go to other towns for well kept safe parks.		
However, the quality of those parks are not good, and we need more to meet growing sports		
Example: Kids from north Lawrence walk all the way to south to get to a crowded swimming pool in		
but not well maintained such as the North Andover and Andover parks which are in close proximity		
Keep them updated and clean of over grown grass and that makes them more welcoming		
North Lawrence parks are taken away by city to build schools on former parks		
Tower Hill has very limited parks		
I son not know where all of the parks listed ate located.		
N/a		
There is no full-sized baseball field in North Lawrence.		
NA		
More trash cans and recycling . Bathrooms		
"Water/Splash" Park NEVER should have been placed at Newbury St with NOTHING going to the		
Most that I am aware of are in North Lawrence. Fewer are in South Lawrence.		
not enough done to the South Common needs a better playground benches lighting.basketball court		
Pero se necesitan mas		
Creo que se necesita ponerles mas areas para niños asi como esta el del Parque Las Ardillas y el que esta al Lado de la frutera por la Manchester st.		
Debe de haber mas		
por ejemplo en el area de Towerhill no hay suficientes parques para niños pequenos		

10. In what ways would you be willing to help Lawrence improve its parks and recreational facilities?					
	Yes		No		Total
	70%	173	30%	75	248
Volunteer to help build and maintain parks					
Donate money towards improvements and programs	37%	79	63%	136	215
Participate in a monthly meeting group to discuss parks	54%	126	46%	106	232
If Yes, please provide best contact information.					67
				<b>Answered</b>	<b>274</b>
				<b>Skipped</b>	<b>94</b>

11. How many people reside in your house?		
Answer Choices	Responses	
Two	24%	80
Four	24%	79
Three	21%	70
Five	12%	39
One	10%	34
More than five	8%	25
	<b>Answered</b>	<b>327</b>
	<b>Skipped</b>	<b>41</b>

12. How many individuals in your household are children (under 18 years old)?		
Answer Choices	Responses	
Zero	42%	143
Two	22%	74
One	19%	65
Three	8%	27
Four	1%	4
More than five	1%	2
Five	0%	0
	<b>Answered</b>	<b>342</b>
	<b>Skipped</b>	<b>74</b>

13. How many individuals in your household are over the age of 65?		
Answer Choices	Responses	
Zero	75%	235
One	13%	40
Two	11%	36
Three	1%	2
Five	0%	1
More than five	0%	1
Four	0%	0
	<b>Answered</b>	<b>315</b>
	<b>Skipped</b>	<b>53</b>



14. How many years have you lived in Lawrence?			
Answer Choices		Responses	
More than 20 years		30%	97
More than 10 years		24%	77
3-10		22%	71
0-2		14%	44
More than 50 years		10%	31
		<b>Answered</b>	<b>320</b>
		<b>Skipped</b>	<b>48</b>

15. Which Lawrence neighborhood do you live in?			
Answer Choices		Responses	
Mount Vernon		23%	72
North Common		16%	49
Prospect Hill		15%	46
Other:		14%	45
South Common		13%	39
Tower Hill		12%	38
Arlington		5%	17
Colonial Heights		2%	6
		<b>Answered</b>	<b>312</b>
		<b>Skipped</b>	<b>56</b>

OTHER:	
South lawrence	
South Lawrence	
Methuen	
Methuen	
x	
Cross St	
Merrimack Court	
I work in the North Canal District	
South Lawrence West/Sacred Heart	
Carletonville	
Downtown	
I dont live in lawrence	
saratoga st	
none	
Work in Lawrence	
Not applicable	
Spicket River	
West St. (Tower Hill?)	
Essex St. area	
not a resident	
District B not labeled	
South west	
I no longer live in the city	
Don't live here anymore, but am here everyday working or visiting family. I love Lawrence! Thank you, GWL, for all you do for the city!	
I don't live in Lawrence. I work and play in Lawrence	
carletonville	
unknown	
unknown	
Riverwalk Lofts	

Riverwalk
Riverwalk lofts
Riverside lofts
Riverwalk
Don't live in Lawrence
work at Riverwalk
no comment
Riverwalk Lofts
near South Lawrence East school
I do not live in Lawrence.
south lawrnce west
work in Lawrence
I grew up in South Lawrence, currently live in Methuen, but I am still very interested in the development of parks
NA
Clover Hill--not to be overlooked !!
I do not live in Lawrence, but I work here
no comment
Riverwalk Lofts
near South Lawrence East school
I do not live in Lawrence.
south lawrnce west
work in Lawrence
I grew up in South Lawrence, currently live in Methuen, but I am still very interested in the development of parks
NA
Clover Hill--not to be overlooked !!
I do not live in Lawrence, but I work here



<b>16. Thank you for taking our survey and helping to shape the future of Lawrence. Please</b>		
Answered		44
Skipped		324
<b>Respondents</b>		
1	If you have any questions, please feel free to reach me at 978 XXX XXXX.	
2	More clean green space need, picnic areas with grills wo7ld be nice.	
3	I would like to be updated about future planning meetings and events	
	I appreciate the effort Safety has to be addressed in order for this to be successful.	
4	Thank you	
5	I've been a home owner in Lawrence for 17yrs, I believe that our tax dollars should be distributed evenly throughout our city's funds. 1st responders should be 1st.	
6	Please help us build a desperately needed concession stand at South Lawrence East and Lawrence Pop Warner.	
	North common is filthy, trash is all around the park and street is not cleaned when sign says street cleaning--never have seen street sweepers 12AM-6AM Why? \$12 million in bank why money not being used?	
8	The pathways at Immigrant Place are not accessible for the visually impaired	
9	Sidewalks must be fixed to make the parks accessible	
	Need Bathrooms at the commons. Need to maintain benches. Need to remove rocks at the playgrounds in North Lawrence. Need to do community surveys before construction, not after	
10	Too much money is wasted on consultants and other administrative B.S. . JUST KEEP IT CLEAN, TIDY AND PLEASANT... FOLLOW THE K.I.S.S. PRINCIPAL (keep it simple, stupid)	
11	;) )	
	help our future by getting them off the streets and doing something active were they can learn life lessons not just the sport activity	
13	South lawrence east fields need a concession/ storage just like Mount Vernon	
	im just concern that this improvement will increase my taxes as I am already having a hard time paying them right now.	
14	Driving municipal vehicles over lawns/grass, leaving trash behind, and abandoning projects and clean-ups before they're done indicates a lack of pride or even interest in city property. These are not behaviors that would be accepted or tolerated in neighboring communities and we shouldn't accept or tolerate it in Lawrence either.	
16	i work in lawrence and live in north andover.	
	We need better security as well. Many parks get get little things address for the kids but the drug addicts hang there and destroy the property and deal drugs in the parks in front of the kids and do drugs and leave their syringes laying around and residue from the drugs every where. That is not safe for these children at all.	
17	Please pick up the trash and fine people that have their dogs go to bathroom in parks (but do not clean up after the dogs).	
19	I work in Lawrence, & don't live here.	
	I DO NOT LIVE IN LAWRENCE THEREFORE I COULD NOT ANSWER EVER SINGLE QUESTION ... BUT I DO CARE FOR THE MAINTENANCE AND SECURITY OF THE PARKS	
21	Would love ice rink outside. Perhaps in the common park.	
	The amount of littering in the parks is terrible and the garbage barrels are usually overflowing play structures should be added to the parks that lack them and maintained better in the parks that currently have them	
22		
	I feel that would should have clean up at least once a week in the areas we reside in. I am all about clean and safe environment!	
23		
24	Storrow Park can be a centerpiece of Lawrence. It's big and has a nice view of the city during	

25	I was born and raised in Boston mass so most my answers are reflections of the
26	Let's bring the arts to our Parks!!
27	O'Neill field is always littered with drug paraphernalia and it's dangerous for my kids play soccer there
28	Love the work that Groundwork Lawrence does.
29	Great job Groundwork Lawrence, Inc. I love your progress over the years.
30	We need bike lanes to keep citizens active, healthy, not dependable on expensive local rides, and develop a sense of ownership of public spaces.
31	Would love to see Lawrence become a vibrant safe city to walk in
32	I'm an avid softball player and feel that Lawrence would be able to host various tournaments
33	A lot of security is needed to be able to accomplish and maintain this vision.
34	I think the parks are well distributed and plentiful, but the drug activity is prevalent and dangerous at O'Neil park.
35	Lawrence has become too one-sided in regards to demographics. I am no longer comfortable
36	We desperately need concessions at SLELL.
37	I think the public needs to be informed about these parks and where they are.
38	We have more than 30 parks in a city less than 7 square miles. We don't need more parks that we can't afford and don't maintain.
39	Maintenance is the biggest concerns for the Lawrence parks.
	the parks and playing spaces on this city are only for baseball and softball soccer and this sport is very low in the city and we have tried ot develop more soccer playing spaces and rebuild the existing soccer fields but is hard because the high demand here is baseball and thats what they take care of first.
40	
41	Try to keep the parks from getting vandalized. Also potter potty from getting destroyed.
42	Mas policia en la calle
43	Mas actividades
	Los parques de Lawrence tienen que tener reglas y hacerlas cumplir, muchas veces ocurren actos ofensivos a la moral de los demasNo soy una moralista extrema pero pienso que deben de ponerse limites y cada cosa en su lugar, un parque es para recrearse no para ser testigos de actos bochornosos.
44	



## **APPENDIX E: ADA ACCESS SELF EVALUATION**

FACILITY: BOURGOIN SQUARE

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Recently installed tables are accessible. Benches will be installed as part of a spray park renovation.
	GRILLS	NA
	TRASH CANS	All trash receptacles are accessible
	PICNIC SHELTERS	NA
GAME AREAS	BASEBALL	The field is not accessible
	BASKETBALL	NA
	HAND BALL	NA
	TURF FIELD	The field is not accessible
	VOLLEYBALL	NA
PLAY AREAS	EQUIPMENT	The equipment is accessible
	ACCESS ROUTES	There is an accessible route for the equipment
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	The Spray Park will be accessible
BOAT DOCKS	ACCESS ROUTES	NA
BAND STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PROGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	



FACILITY: BOURGOIN SQUARE

PARKING

TOTAL SPACES	0		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance			
Drop off provided within 100' of accessible entrance			
Minimum width of 13' includes 8' space plus 5' access aisle			
Van Space: One van space for every accessible space			
HC parking signage at each space			
Sign minimum 4', maximum 8' to top			
Surface evenly paved or hard packed			
Slope less than 5%			
Curb cut to pathway from parking lot at each space			
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%			
NOTES: The city does not have any parking spaces at Bourgoin Square Park. HC parking should be added on street.			

FACILITY: BOURGOIN SQUARE

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance		X	
Disembarking area at accessible entrance		X	
No ponding of water		X	
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES: The paths need to be addressed due to asphalt heaving from tree roots.			



FACILITY: BOURGOIN SQUARE

PICNICKING	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access	X		
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.	X		
Top of table no higher than 32" above ground	X		
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions	X		
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter	X		
NOTES: The city has four picnic tables at the Bourgoin. They are accessible			

FACILITY: BRUCE SCHOOL DIAMOND

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	NA
	GRILLS	NA
	TRASH CANS	NA
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	NA
	BASEBALL	Field is not accessible
	TURF FIELD	NA
	HANDBALL COURT	NA
PLAY AREAS	EQUIPMENT	NA
	ACCESS ROUTES	NA
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PRGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	Small park with baseball field next to the Bruce School.



FACILITY: BRUCE SCHOOL DIAMOND

PARKING

TOTAL SPACES	0		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance		X	
Drop off provided within 100' of accessible entrance		X	
Minimum width of 13' includes 8' space plus 5' access aisle		X	
Van Space: One van space for every accessible space		X	
HC parking signage at each space		X	
Sign minimum 4', maximum 8' to top		X	
Surface evenly paved or hard packed		X	
Slope less than 5%		X	
Curb cut to pathway from parking lot at each space		X	
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%		X	
NOTES:			

FACILITY: BRUCE SCHOOL DIAMOND

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance		X	
Grates in path of travel have openings of ½" maximum	X		
NOTES:			



FACILITY: BRUCE SCHOOL DIAMOND

PICNICKING	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		X	
Top of table no higher than 32" above ground		X	
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		X	
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter		X	
NOTES: There are no picnicking facilities in this park.			

FACILITY: CAMPAGNONE COMMON

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	All benches are accessible. Five tables are in lawn. Two tables are accessible.
	GRILLS	NA
	TRASH CANS	All trash receptacles are accessible
	PICNIC SHELTERS	NA
GAME AREAS	BASEBALL	Accessible routes to bleachers do not exist due to permitting constraints.
	BASKETBALL	NA
	HAND BALL	NA
	TURF FIELD	NA
	TENNIS	NA
PLAY AREAS	EQUIPMENT	The rubber play surface is accessible as are the paths around the playground.
	ACCESS ROUTES	Yes
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
BAND STAND	ACCESS ROUTES	The access routes are not accessible
	EQUIPMENT	The handrails are not compliant with current code relative to falls from height.
PROGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	The common has many sculptures. Most of the older statues have accessible paths. Newer sculptures have been placed in lawn areas that are not accessible.



FACILITY: CAMPAGNONE COMMON

PARKING

TOTAL SPACES	0		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance			
Drop off provided within 100' of accessible entrance			
Minimum width of 13' includes 8' space plus 5' access aisle			
Van Space: One van space for every accessible space			
HC parking signage at each space			
Sign minimum 4', maximum 8' to top			
Surface evenly paved or hard packed			
Slope less than 5%			
Curb cut to pathway from parking lot at each space			
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%			
NOTES: The city does not have any parking spaces at the common.			

FACILITY: CAMPAGNONE COMMON

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL	X		
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant			
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
<p>NOTES: The city renovated the main paths in the common with support from the PARC program. The primary issue of concern with the path system is the flag pole plaza. The joints between the brick pavement has been compromised. The recently renovated HC ramps meet code, but issue remain.</p>			



**FACILITY: CAMPAGNONE COMMON**

<b>PICNICKING</b>	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access	X		
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.	X		
Top of table no higher than 32" above ground	X		
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions	X		
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter	X		
NOTES: The city added two accessible picnic tables with support from the PARC program. Two of the seven tables are accessible.			

FACILITY: CONNECTOR ALLEYWAY AT NECC

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Benches are accessible
	GRILLS	NA
	TRASH CANS	NA
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	NA
	BASEBALL	NA
	TURF FIELD	NA
	HANDBALL COURT	NA
PLAY AREAS	EQUIPMENT	NA
	ACCESS ROUTES	NA
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PRGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	Small plaza between the El Hefni building and Essex Street.



FACILITY: CONNECTOR ALLEYWAY AT NECC

PARKING

TOTAL SPACES	0		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance		X	
Drop off provided within 100' of accessible entrance		X	
Minimum width of 13' includes 8' space plus 5' access aisle		X	
Van Space: One van space for every accessible space		X	
HC parking signage at each space		X	
Sign minimum 4', maximum 8' to top		X	
Surface evenly paved or hard packed		X	
Slope less than 5%		X	
Curb cut to pathway from parking lot at each space		X	
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%		X	
NOTES:			

FACILITY: CONNECTOR ALLEYWAY AT NECC

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES:			



FACILITY: CONNECTOR ALLEYWAY AT NECC

PICNICKING	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		X	
Top of table no higher than 32" above ground		X	
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		X	
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter		X	
NOTES: There are no picnicking facilities in this park.			

FACILITY: COSTELLO PARK

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Benches are accessible.
	GRILLS	NA
	TRASH CANS	Trash barrels are accessible.
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	Court is accessible
	BASEBALL	NA
	TURF FIELD	NA
	HANDBALL COURT	Court is accessible
PLAY AREAS	EQUIPMENT	Equipment is accessible
	ACCESS ROUTES	There is not an accessible route to the playground. Playground surface is not ADA compliant.
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PRGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	The community garden / farm is not accessible.



FACILITY: COSTELLO PARK

PARKING

TOTAL SPACES	24		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance		X	
Drop off provided within 100' of accessible entrance	X		
Minimum width of 13' includes 8' space plus 5' access aisle		X	
Van Space: One van space for every accessible space		X	
HC parking signage at each space		X	
Sign minimum 4', maximum 8' to top		X	
Surface evenly paved or hard packed		X	
Slope less than 5%		X	
Curb cut to pathway from parking lot at each space		X	
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%		X	
NOTES:			

FACILITY: COSTELLO PARK

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES:			



FACILITY: COSTELLO PARK

PICNICKING	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		X	
Top of table no higher than 32" above ground		X	
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		X	
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter		X	
NOTES: There are no picnicking facilities in this park			

FACILITY: COYNE PARK

PARKING

TOTAL SPACES	0		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance		X	
Drop off provided within 100' of accessible entrance		X	
Minimum width of 13' includes 8' space plus 5' access aisle		X	
Van Space: One van space for every accessible space		X	
HC parking signage at each space		X	
Sign minimum 4', maximum 8' to top		X	
Surface evenly paved or hard packed		X	
Slope less than 5%		X	
Curb cut to pathway from parking lot at each space		X	
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%		X	
NOTES:			



FACILITY: COYNE PARK

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES:			

FACILITY: COYNE PARK

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES:			



**FACILITY: COYNE PARK**

<b>PICNICKING</b>	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		X	
Top of table no higher than 32" above ground		X	
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		X	
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter		X	
NOTES: There are no picnicking facilities in this park.			

FACILITY: CRONIN PARK

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Tables and Benches are accessible
	GRILLS	NA
	TRASH CANS	All trash receptacles are accessible
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	NA
	HAND BALL	NA
	TURF FIELD	NA
	VOLLEYBALL	NA
PLAY AREAS	EQUIPMENT	Equipment is not accessible.
	ACCESS ROUTES	Playground is accessible from the sidewalk, but the playground wood chip surface is not accessible
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PROGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	The nine community garden beds are accessible.



FACILITY: CRONIN PARK

PARKING

TOTAL SPACES	0		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance		X	There are no HC designated spaces
Drop off provided within 100' of accessible entrance		X	
Minimum width of 13' includes 8' space plus 5' access aisle		X	
Van Space: One van space for every accessible space		X	
HC parking signage at each space		X	
Sign minimum 4', maximum 8' to top		X	
Surface evenly paved or hard packed		X	
Slope less than 5%		X	
Curb cut to pathway from parking lot at each space		X	
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%		X	
NOTES:			

FACILITY: CRONIN PARK

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water		X	
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES:			



**FACILITY: CRONIN PARK**

<b>PICNICKING</b>	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access	X		Three picnic tables / 8 benches.
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.	X		
Top of table no higher than 32" above ground	X		
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions	X		
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter	X		
NOTES:			

FACILITY: DEN ROCK PARK

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	NA
	GRILLS	NA
	TRASH CANS	Trash barrels not accessible.
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	NA
	BASEBALL	NA
	TURF FIELD	NA
	HANDBALL COURT	NA
PLAY AREAS	EQUIPMENT	NA
	ACCESS ROUTES	NA
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PRGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	Large park with dirt paths.



FACILITY: DEN ROCK PARK

PARKING

TOTAL SPACES	14		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance	X		1 HC Space
Drop off provided within 100' of accessible entrance	X		
Minimum width of 13' includes 8' space plus 5' access aisle	X		
Van Space: One van space for every accessible space	X		
HC parking signage at each space	X		
Sign minimum 4', maximum 8' to top	X		
Surface evenly paved or hard packed	X		
Slope less than 5%	x		
Curb cut to pathway from parking lot at each space	X		
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%	X		
NOTES:			

FACILITY: DEN ROCK PARK

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs		X	
Path is stable, firm and slip resistant		X	
3 ft wide minimum		X	
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).		X	
Continuous common surface, no changes in level greater than ½ inch		X	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane		X	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"		X	
Curb on the pathway must have curb cuts at drives, parking and drop-offs		X	
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance		X	
Grates in path of travel have openings of ½" maximum		X	
NOTES: Park is a nature preserve with dirt paths.			



FACILITY: DEN ROCK PARK

PICNICKING	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		X	
Top of table no higher than 32" above ground		X	
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		X	
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter		X	
NOTES: There are no picnicking facilities in this park			

FACILITY: DONOVAN PARK

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Benches are not accessible.
	GRILLS	NA
	TRASH CANS	Trash barrels are not accessible.
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	NA
	BASEBALL	NA
	TURF FIELD	NA
	HANDBALL COURT	NA
PLAY AREAS	EQUIPMENT	Equipment is not accessible.
	ACCESS ROUTES	The access route is not ADA compliant, nor is the playground surface.
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	
	EQUIPMENT	NA
PRGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	Small tot lot.



FACILITY: DONOVAN PARK

PARKING

TOTAL SPACES	0		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance		X	
Drop off provided within 100' of accessible entrance		X	
Minimum width of 13' includes 8' space plus 5' access aisle		X	
Van Space: One van space for every accessible space		X	
HC parking signage at each space		X	
Sign minimum 4', maximum 8' to top		X	
Surface evenly paved or hard packed		X	
Slope less than 5%		X	
Curb cut to pathway from parking lot at each space		X	
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%		X	
NOTES:			

FACILITY: DONOVAN PARK

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance		X	
Disembarking area at accessible entrance		X	
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES:			

FACILITY: DONOVAN PARK

PICNICKING	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		X	
Top of table no higher than 32" above ground		X	
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		X	
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter		X	
NOTES: There are no picnicking facilities in this park			



FACILITY: DR NINA SCARITO PARK

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Tables and benches are accessible
	GRILLS	NA
	TRASH CANS	All trash receptacles are accessible
	PICNIC SHELTERS	Pincic Shelter is accessible
GAME AREAS	BASEBALL	NA
	BASKETBALL	The courts are accessible
	HAND BALL	NA
	TURF FIELD	The field is accessible
	VOLLEYBALL	NA
PLAY AREAS	EQUIPMENT	The equipment is accessible
	ACCESS ROUTES	The route is accessible, but the rubber play surface is showing signs of age.
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	Accessible, but not operable.
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PRGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	

FACILITY: DR NINA SCARITO PARK

PARKING

TOTAL SPACES	20 spaces of which 2 are HC.		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance	X		
Drop off provided within 100' of accessible entrance	X		
Minimum width of 13' includes 8' space plus 5' access aisle	X		
Van Space: One van space for every accessible space	X		
HC parking signage at each space	X		
Sign minimum 4', maximum 8' to top	X		
Surface evenly paved or hard packed	X		
Slope less than 5%	X		
Curb cut to pathway from parking lot at each space	X		
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%	X		
NOTES:			

FACILITY: DR NINA SCARITO PARK

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES: The Brook Street alley entrance is accessible due to the installation of the Spicket River Greenway.			



FACILITY: DR NINA SCARITO PARK

PICNICKING	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access	X		
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.	X		
Top of table no higher than 32" above ground	X		
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions	X		
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter	X		
NOTES			

FACILITY: DURANT SQUARE

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	NA
	GRILLS	NA
	TRASH CANS	NA
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	NA
	BASEBALL	NA
	TURF FIELD	NA
	HANDBALL COURT	NA
PLAY AREAS	EQUIPMENT	NA
	ACCESS ROUTES	NA
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PRGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	Small square with no pedestrian access

FACILITY: ROWELL PARK

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Benches are not accessible.
	GRILLS	NA
	TRASH CANS	Trash barrels are not accessible.
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	NA
	BASEBALL	NA
	TURF FIELD	NA
	TENNIS COURT	NA
PLAY AREAS	EQUIPMENT	Equipment is not accessible
	ACCESS ROUTES	The playground does not have an accessible surface and an accessible route from the sidewalk.
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PROGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	



FACILITY: ROWELL PARK

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water		X	
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES:			

**FACILITY: ROWELL PARK**

<b>PICNICKING</b>	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		X	
Top of table no higher than 32" above ground		X	
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		X	
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter		X	
NOTES: There are no picnicking facilities in this park			

FACILITY: FACELLA LOT

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Tables and benches are accessible
	GRILLS	NA
	TRASH CANS	All trash receptacles are accessible
	PICNIC SHELTERS	NA
GAME AREAS	BASEBALL	NA
	BASKETBALL	NA
	HAND BALL	NA
	TURF FIELD	NA
	VOLLEYBALL	NA
PLAY AREAS	EQUIPMENT	NA
	ACCESS ROUTES	NA
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PROGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	This is a passive park with rustic stone steps leading to the Spicket River. The steps are not accessible and intended to minimize erosion from informal paths



FACILITY: FACELLA LOT

PARKING

TOTAL SPACES	0		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance			
Drop off provided within 100' of accessible entrance			
Minimum width of 13' includes 8' space plus 5' access aisle			
Van Space: One van space for every accessible space			
HC parking signage at each space			
Sign minimum 4', maximum 8' to top			
Surface evenly paved or hard packed			
Slope less than 5%			
Curb cut to pathway from parking lot at each space			
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%			
NOTES:			

FACILITY: FACELLA LOT

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs		X	There are stairs and a sloped walkway.
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES:			

FACILITY: FACELLA LOT

PICNICKING	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access	X		
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.	X		
Top of table no higher than 32" above ground	X		
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions	X		
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter	X		
NOTES			



FACILITY: FERROUS SITE

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Tables are accessible
	GRILLS	NA
	TRASH CANS	Trash barrels accessible.
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	NA
	TENNIS	NA
	TURF FIELD	NA
	HANDBALL COURT	NA
PLAY AREAS	EQUIPMENT	NA
	ACCESS ROUTES	NA
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PRGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	Urban wild with accessible paths

FACILITY: FERROUS SITE

PARKING

TOTAL SPACES	0		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance		X	No HC spaces
Drop off provided within 100' of accessible entrance		X	
Minimum width of 13' includes 8' space plus 5' access aisle		X	
Van Space: One van space for every accessible space		X	
HC parking signage at each space		X	
Sign minimum 4', maximum 8' to top		X	
Surface evenly paved or hard packed		X	
Slope less than 5%			
Curb cut to pathway from parking lot at each space		X	
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%		X	
NOTES:			

FACILITY: FERROUS SITE

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES: Park is a nature preserve with dirt paths.			



FACILITY: FERROUS SITE

PICNICKING	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access	X		
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.	X		
Top of table no higher than 32" above ground	X		
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions	X		
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter	X		
NOTES:			

FACILITY: FROST BASEBALL DIAMOND

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	NA
	GRILLS	NA
	TRASH CANS	NA
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	NA
	BASEBALL	Field is not accessible
	TURF FIELD	NA
	HANDBALL COURT	NA
PLAY AREAS	EQUIPMENT	Equipment is accessible
	ACCESS ROUTES	Access routes are limited due to wood chip playground surface
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PRGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	Large baseball diamond behind the Frost school

FACILITY: FROST BASEBALL DIAMOND

PARKING

TOTAL SPACES	62		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance		X	
Drop off provided within 100' of accessible entrance	X		
Minimum width of 13' includes 8' space plus 5' access aisle	X		
Van Space: One van space for every accessible space	X		
HC parking signage at each space	X		
Sign minimum 4', maximum 8' to top	X		
Surface evenly paved or hard packed	X		
Slope less than 5%	X		
Curb cut to pathway from parking lot at each space	X		
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%	X		
NOTES: There is a significant distance between the parking lot and the field.			



FACILITY: FROST BASEBALL DIAMOND

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES:			

FACILITY: FROST BASEBALL DIAMOND

PICNICKING	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		X	
Top of table no higher than 32" above ground		X	
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		X	
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter		X	
NOTES: There are no picnicking facilities in this park.			

FACILITY: GAGNON PARK

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Tables and Benches are accessible
	GRILLS	NA
	TRASH CANS	Trash barrels are accessible.
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	NA
	HAND BALL	NA
	TURF FIELD	NA
	TENNIS COURT	The court is accessible.
PLAY AREAS	EQUIPMENT	The equipment is accessible
	ACCESS ROUTES	The playground surface is rubber and the accessible route is ADA compliant.
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PROGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	



FACILITY: GAGNON PARK

PARKING

TOTAL SPACES	14		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance		X	There are no HC designated spaces
Drop off provided within 100' of accessible entrance	X		
Minimum width of 13' includes 8' space plus 5' access aisle		X	
Van Space: One van space for every accessible space		X	
HC parking signage at each space		X	
Sign minimum 4', maximum 8' to top		X	
Surface evenly paved or hard packed		X	
Slope less than 5%		X	
Curb cut to pathway from parking lot at each space		X	
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%		X	
NOTES: The parking is being renovated as part of a safe routes to school project. We anticipate the site will be ADA compliant by the end of the year.			

FACILITY: GAGNON PARK

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES:			

**FACILITY: GAGNON PARK**

<b>PICNICKING</b>	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access	X		
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.	X		
Top of table no higher than 32" above ground	X		
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions	X		
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter	X		
NOTES:			



FACILITY: HAYDEN SCHOFIELD

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	The dugouts have been renovated with new benches.
	GRILLS	NA
	TRASH CANS	All trash receptacles are accessible
	PICNIC SHELTERS	NA
GAME AREAS	BASEBALL	The fields are not accessible.
	BASKETBALL	NA
	HAND BALL	NA
	TURF FIELD	NA
	VOLLEYBALL	NA
PLAY AREAS	EQUIPMENT	NA
	ACCESS ROUTES	NA
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PRGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	The baseball field has a seating area that is not accessible (route, guards, handrails). Improvements are scheduled for 2018 through the city's capital improvement plan.

FACILITY: HAYDEN SCHOFIELD

PARKING

TOTAL SPACES	0		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance		X	
Drop off provided within 100' of accessible entrance		X	
Minimum width of 13' includes 8' space plus 5' access aisle			
Van Space: One van space for every accessible space			
HC parking signage at each space			
Sign minimum 4', maximum 8' to top			
Surface evenly paved or hard packed			
Slope less than 5%			
Curb cut to pathway from parking lot at each space			
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%			
NOTES: The city should add an HC space near the entry to the park at Lawrence Street			

FACILITY: HAYDEN SCHOFIELD

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance		X	
Disembarking area at accessible entrance		X	
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs	X		The city installed at sloped walkway at Lawrence Street to eliminate existing steps
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES			



FACILITY: HAYDEN SCHOFIELD

PICNICKING	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			
Top of table no higher than 32" above ground			
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			
NOTES: The spectator seating will be used as a picnic destination during games. It currently is not ADA compliant, but will be when improvements scheduled for 20			

FACILITY: HIGHLAND PARK

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Seating is provided by raised planter seat walls.
	GRILLS	NA
	TRASH CANS	The two trash barrels are accessible.
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	NA
	HAND BALL	NA
	TURF FIELD	NA
	VOLLEYBALL	NA
PLAY AREAS	EQUIPMENT	Equipment is not accessible. This is an informal playground with concrete sculpture that kids can climb on.
	ACCESS ROUTES	Playground is not accessible from the sidewalk.
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PROGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	Urban plaza with steps and raised planters. Needs activation.

FACILITY: HIGHLAND PARK

PARKING

TOTAL SPACES	0		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance		X	There are no HC designated spaces
Drop off provided within 100' of accessible entrance		X	
Minimum width of 13' includes 8' space plus 5' access aisle		X	
Van Space: One van space for every accessible space		X	
HC parking signage at each space		X	
Sign minimum 4', maximum 8' to top		X	
Surface evenly paved or hard packed		X	
Slope less than 5%		X	
Curb cut to pathway from parking lot at each space		X	
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%		X	
NOTES:			



FACILITY: HIGHLAND PARK

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water		X	
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES:			

**FACILITY: HIGHLAND PARK**

PICNICKING	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			
Top of table no higher than 32" above ground			
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			
NOTES: The seating provided by the raised planters could be used for picnicing. This seating is not accessible.			

FACILITY: HOWARD PLAYSTEAD

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Recently installed tables and benches are accessible.
	GRILLS	NA
	TRASH CANS	All trash receptacles are accessible
	PICNIC SHELTERS	NA
GAME AREAS	BASEBALL	Two of three fields are accessible
	BASKETBALL	The court is accessible
	HAND BALL	NA
	TURF FIELD	The field is not accessible
	VOLLEYBALL	The court is accessible
PLAY AREAS	EQUIPMENT	The equipment is accessible
	ACCESS ROUTES	There is an accessible route for the equipment
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	The stand has an accessible route
	EQUIPMENT	The equipment is accessible
PROGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	NA



FACILITY: HOWARD PLAYSTEAD

PARKING

TOTAL SPACES	19 spaces including 2 HC spaces		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance	X		
Drop off provided within 100' of accessible entrance	X		
Minimum width of 13' includes 8' space plus 5' access aisle	X		
Van Space: One van space for every accessible space	X		
HC parking signage at each space	X		
Sign minimum 4', maximum 8' to top	X		
Surface evenly paved or hard packed	X		
Slope less than 5%	X		
Curb cut to pathway from parking lot at each space	X		
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%	X		
NOTES:			

FACILITY: HOWARD PLAYSTEAD

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES			

FACILITY: HOWARD PLAYSTEAD

RESTROOMS	Yes	No	Comments
5 ft turning space measured 12" from the floor	X		
<b>At least one Sink:</b>			
Clear floor space of 30" by 48" to allow a forward approach	X		
Mounted without pedestal or legs, height 34" to top of rim	X		
Extends at least 22" from the wall	X		
Open knee space a minimum 19" deep, 30" width, and 27" high	X		
Cover exposed pipes with insulation	X		
Faucets operable with closed fist (lever or spring activated handle)	X		
<b>At least one Stall:</b>			
Accessible to person using wheelchair at 60" wide by 72" deep	X		
Stall door is 36" wide	X		
Stall door swings out	X		
Stall door is self closing	X		
Stall door has a pull latch	X		
Lock on stall door is operable with a closed fist, and 32" above the floor	X		
Coat hook is 54" high	X		
<b>Toilet</b>			
18" from center to nearest side wall	X		
42" minimum clear space from center to farthest wall or fixture	X		
Top of seat 17"-19" above the floor	X		
<b>Grab Bars</b>	X		
On back and side wall closest to toilet	X		
1¼" diameter	X		
1½" clearance to wall	X		
Located 30" above and parallel to the floor	x		
Acid-etched or roughened surface	X		
42" long	X		
<b>Fixtures</b>			
Toilet paper dispenser is 24" above floor	X		
One mirror set a maximum 38" to bottom (if tilted, 42")	X		
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor	X		



FACILITY: HOWARD PLAYSTEAD

FLOORS	Yes	No	Comments
Non-slip surface	X		
<b>At least one Sink:</b>			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			NA
Corridor width minimum is 3 ft	X		
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor	X		
<b>Drinking Fountains</b>			
Spouts no higher than 36" from floor to outlet	X		
Hand operated push button or level controls	X		
Spouts located near front with stream of water as parallel to front as possible	X		
If recessed, recess a minimum 30" width, and no deeper than depth of fountain	X		
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach	X		
<b>Police Call Boxes</b>			NA
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			

FACILITY: HOWARD PLAYSTEAD

PICNICKING	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access	X		
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.	X		
Top of table no higher than 32" above ground	X		
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions	X		
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter	X		
NOTES			

FACILITY: IMMIGRANT PARK

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Tables and Benches are accessible
	GRILLS	NA
	TRASH CANS	All trash receptacles are accessible
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	NA
	HAND BALL	NA
	TURF FIELD	NA
	VOLLEYBALL	NA
PLAY AREAS	EQUIPMENT	NA
	ACCESS ROUTES	NA
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PROGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	This is a passive park with a stone amphitheater and wood overlook at the Spicket River.



FACILITY: IMMIGRANT PARK

PARKING

TOTAL SPACES	19		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance		X	There are no HC designated spaces
Drop off provided within 100' of accessible entrance		X	
Minimum width of 13' includes 8' space plus 5' access aisle		X	
Van Space: One van space for every accessible space		X	
HC parking signage at each space		X	
Sign minimum 4', maximum 8' to top		X	
Surface evenly paved or hard packed	X		
Slope less than 5%	X		
Curb cut to pathway from parking lot at each space		X	
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%	X		
NOTES:			

FACILITY: IMMIGRANT PARK

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance		X	
Disembarking area at accessible entrance	X		
No ponding of water		X	
PATH OF TRAVEL			
Path does not require the use of stairs	X		Granite steps providing safe access to the Spicket River that are not ADA compliant.
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES:			

FACILITY: IMMIGRANT PARK

PICNICKING	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			NA
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			NA
Top of table no higher than 32" above ground			NA
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			NA
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			NA
NOTES: There are no picnicing facilities at Immigrant.			



FACILITY: INCINERATOR MARSTON STREET PARK

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	NA
	GRILLS	NA
	TRASH CANS	NA
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	Courts are accessible
	BASEBALL	Field is accessible.
	TURF FIELD	NA
	HANDBALL COURT	NA
PLAY AREAS	EQUIPMENT	NA
	ACCESS ROUTES	NA
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PROGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	

FACILITY: INCINERATOR MARSTON STREET PARK

PARKING

TOTAL SPACES	55		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance	X		
Drop off provided within 100' of accessible entrance	X		
Minimum width of 13' includes 8' space plus 5' access aisle	X		
Van Space: One van space for every accessible space	X		
HC parking signage at each space	X		
Sign minimum 4', maximum 8' to top	X		
Surface evenly paved or hard packed	X		
Slope less than 5%	X		
Curb cut to pathway from parking lot at each space	X		
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%	X		
NOTES:			

FACILITY: INCINERATOR MARSTON STREET PARK

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES:			



FACILITY: INCINERATOR MARSTON STREET PARK

PICNICKING	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		X	
Top of table no higher than 32" above ground		X	
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		X	
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter		X	
NOTES: There are no picnicking facilities in this park.			

FACILITY: JAQUES POND

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	NA
	GRILLS	NA
	TRASH CANS	NA
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	NA
	BASEBALL	NA
	TURF FIELD	NA
	HANDBALL COURT	NA
PLAY AREAS	EQUIPMENT	NA
	ACCESS ROUTES	NA
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PRGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	Small urban wild with pond.

FACILITY: JAQUES POND

PARKING

TOTAL SPACES	0		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance			
Drop off provided within 100' of accessible entrance			
Minimum width of 13' includes 8' space plus 5' access aisle			
Van Space: One van space for every accessible space			
HC parking signage at each space			
Sign minimum 4', maximum 8' to top			
Surface evenly paved or hard packed			
Slope less than 5%			
Curb cut to pathway from parking lot at each space			
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%			
NOTES:			



FACILITY: JOHN P KANE PARK

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	All benches are accessible. There are four tables in the lawn.
	GRILLS	NA
	TRASH CANS	All trash receptacles are accessible
	PICNIC SHELTERS	NA
GAME AREAS	BASEBALL	NA
	BASKETBALL	NA
	HAND BALL	NA
	TURF FIELD	The field is accessible
	VOLLEYBALL	NA
PLAY AREAS	EQUIPMENT	The equipment is accessible
	ACCESS ROUTES	The playground has an accessible route.
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
BAND STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PRGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	The exercise equipment is not accessible.

FACILITY: JOHN P KANE PARK

PARKING

TOTAL SPACES	0		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance			
Drop off provided within 100' of accessible entrance			
Minimum width of 13' includes 8' space plus 5' access aisle			
Van Space: One van space for every accessible space			
HC parking signage at each space			
Sign minimum 4', maximum 8' to top			
Surface evenly paved or hard packed			
Slope less than 5%			
Curb cut to pathway from parking lot at each space			
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%			
NOTES: The city does not have any parking spaces at Kane Park.			

FACILITY: JOHN P KANE PARK

PARKING

TOTAL SPACES	0		
Specification	Yes	No	Comments
Slope max 8.33%			NA
Minimum 4' between handrails			NA
Handrails on both sides if ramp longer than 6'			NA
handrails 34" and 19" from ramp surface			NA
handrails extend beyond top and bottom			NA
Handgrip oval or round			NA
Handgrip smooth surface			NA
Handgrip DIA 1.25" to 2"			NA
Clearance of 1.5" between wall and rail			NA
Non slip surface			NA
level platforms 4' x 4') at every 30'			NA



FACILITY: JOHN P KANE PARK

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance		X	The stone dust surface is eroding
Disembarking area at accessible entrance	X		
No ponding of water		X	Water ponds at entries and on paths
PATH OF TRAVEL	X		
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant		X	
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch		X	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane		X	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"		X	
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance		X	
Grates in path of travel have openings of ½" maximum	X		
NOTES: The contractor installed the stone dust surface incorrectly creating accessibility issues. The city plans to address this issue through its capital improvement program.			

FACILITY: JOHN P KANE PARK

PICNICKING	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access	X		
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.	X		
Top of table no higher than 32" above ground	X		
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions	X		
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter	X		
NOTES: The city has added four picnic tables to Kane Park. They are located in the lawn and are accessible when lawn areas are not wet.			

FACILITY: KENNEDY PLAYSTEAD

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Benches are accessible.
	GRILLS	NA
	TRASH CANS	Trash barrels are accessible.
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	NA
	BASEBALL	The baseball field is accessible
	TURF FIELD	Turf is accessible
	TENNIS COURT	NA
PLAY AREAS	EQUIPMENT	Equipment is accessible
	ACCESS ROUTES	The playground has an accessible rubber surface and an accessible route from the playground.
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PRGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	Spicket River Greenway is accessible



FACILITY: KENNEDY PLAYSTEAD

PARKING

TOTAL SPACES	0		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance		X	
Drop off provided within 100' of accessible entrance	X		
Minimum width of 13' includes 8' space plus 5' access aisle		X	
Van Space: One van space for every accessible space		X	
HC parking signage at each space		X	
Sign minimum 4', maximum 8' to top		X	
Surface evenly paved or hard packed		X	
Slope less than 5%		X	
Curb cut to pathway from parking lot at each space		X	
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%		X	
NOTES:			

FACILITY: KENNEDY PLAYSTEAD

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water		X	Ponding at Daisy street curb cut
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES:			

FACILITY: KENNEDY PLAYSTEAD

PICNICKING	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		X	
Top of table no higher than 32" above ground		X	
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		X	
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter		X	
NOTES: There are no picnicking facilities in this park			



FACILITY: LINDQUIST PLAYSTEAD

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	NA
	GRILLS	NA
	TRASH CANS	NA
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	NA
	BASEBALL	Field is accessible.
	TURF FIELD	Field is accessible.
	HANDBALL COURT	NA
PLAY AREAS	EQUIPMENT	NA
	ACCESS ROUTES	NA
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PRGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	Small baseball field with small soccer field in outfield.

FACILITY: LINDQUIST PLAYSTEAD

PARKING

TOTAL SPACES	20		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance	X		
Drop off provided within 100' of accessible entrance	X		
Minimum width of 13' includes 8' space plus 5' access aisle	X		
Van Space: One van space for every accessible space	X		
HC parking signage at each space	X		
Sign minimum 4', maximum 8' to top	X		
Surface evenly paved or hard packed	X		
Slope less than 5%	X		
Curb cut to pathway from parking lot at each space	X		
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%	X		
NOTES:			

FACILITY: LINDQUIST PLAYSTEAD

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES:			



FACILITY: LINDQUIST PLAYSTEAD

PICNICKING	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		X	
Top of table no higher than 32" above ground		X	
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		X	
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter		X	
NOTES: There are no picnicking facilities in this park.			

FACILITY: MANCHESTER STREET PARK

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Benches are accessible, tables are in lawn and not accessible
	GRILLS	NA
	TRASH CANS	Trash barrels are accessible.
	PICNIC SHELTERS	There is an elevated plaza with a shade structure accessible by an HC ramp.
GAME AREAS	SKATE PARK	NA
	BASKETBALL	NA
	HAND BALL	NA
	TURF FIELD	NA
	VOLLEYBALL	NA
PLAY AREAS	EQUIPMENT	Equipment is accessible.
	ACCESS ROUTES	Playground is accessible from the sidewalk.
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PROGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	

FACILITY: MANCHESTER STREET PARK

PARKING

TOTAL SPACES	16		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance		X	There are no HC designated spaces
Drop off provided within 100' of accessible entrance	X		
Minimum width of 13' includes 8' space plus 5' access aisle		X	
Van Space: One van space for every accessible space		X	
HC parking signage at each space		X	
Sign minimum 4', maximum 8' to top		X	
Surface evenly paved or hard packed		X	
Slope less than 5%		X	
Curb cut to pathway from parking lot at each space		X	
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%		X	
NOTES:			



FACILITY: MANCHESTER STREET PARK

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs		X	There are stairs, but an HC ramp is provided
Path is stable, firm and slip resistant	p		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES:			

**FACILITY: MANCHESTER STREET PARK**

<b>PICNICKING</b>	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access	X		
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.	X		
Top of table no higher than 32" above ground	X		
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions	X		
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter	X		
NOTES:			

FACILITY: MANCHESTER STREET PARK

PARKING

TOTAL SPACES	18		
Specification	Yes	No	Comments
Slope max 8.33%	X		
Minimum 4' between handrails	X		
Handrails on both sides if ramp longer than 6'	X		
handrails 34" and 19" from ramp surface	X		
handrails extend beyond top and bottom	X		
Handgrip oval or round	X		
Handgrip smooth surface	X		
Handgrip DIA 1.25" to 2"	X		
Clearance of 1.5" between wall and rail	X		
Non slip surface	X		
level platforms 4' x 4') at every 30'	X		



FACILITY: MCDERMOTT PARK

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Benches are accessible.
	GRILLS	NA
	TRASH CANS	Trash barrels are accessible.
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	NA
	BASEBALL	NA
	TURF FIELD	NA
	HANDBALL COURT	NA
PLAY AREAS	EQUIPMENT	Equipment is accessible
	ACCESS ROUTES	The access route is ADA compliant, but the playground surface is not.
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	
	EQUIPMENT	NA
PRGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	Small tot lot.

FACILITY: MCDERMOTT PARK

PARKING

TOTAL SPACES	0		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance		X	
Drop off provided within 100' of accessible entrance		X	
Minimum width of 13' includes 8' space plus 5' access aisle		X	
Van Space: One van space for every accessible space		X	
HC parking signage at each space		X	
Sign minimum 4', maximum 8' to top		X	
Surface evenly paved or hard packed		X	
Slope less than 5%		X	
Curb cut to pathway from parking lot at each space		X	
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%		X	
NOTES:			

FACILITY: MCDERMOTT PARK

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES:			



FACILITY: MCDERMOTT PARK

PICNICKING	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		X	
Top of table no higher than 32" above ground		X	
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		X	
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter		X	
NOTES: There are no picnicking facilities in this park			

FACILITY: MISSERVILLE PARK

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Tables and Benches are accessible
	GRILLS	NA
	TRASH CANS	All trash receptacles are accessible
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	The skate park is accessible
	BASKETBALL	The courts are accessible
	HAND BALL	NA
	TURF FIELD	NA
	VOLLEYBALL	NA
PLAY AREAS	EQUIPMENT	NA
	ACCESS ROUTES	NA
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PROGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	

FACILITY: MISSERVILLE PARK

PARKING

TOTAL SPACES	8		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance		X	There is no accessible space
Drop off provided within 100' of accessible entrance		X	
Minimum width of 13' includes 8' space plus 5' access aisle		X	
Van Space: One van space for every accessible space		X	
HC parking signage at each space		X	
Sign minimum 4', maximum 8' to top		X	
Surface evenly paved or hard packed		X	
Slope less than 5%		X	
Curb cut to pathway from parking lot at each space		X	
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%		X	
NOTES:			

FACILITY: MISSERVILLE PARK

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance		X	
Disembarking area at accessible entrance	X		
No ponding of water		X	
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES:			



**FACILITY: MISSERVILLE PARK**

<b>PICNICKING</b>	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			NA
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			NA
Top of table no higher than 32" above ground			NA
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			NA
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			NA
NOTES: There are no picnicing facilities at Misserville.			

FACILITY: MOUNT VERNON PARK

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Benches are accessible.
	GRILLS	NA
	TRASH CANS	Trash barrels are accessible.
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	Court is accessible
	BASEBALL	Fields are accessible
	TURF FIELD	NA
	HANDBALL COURT	NA
PLAY AREAS	EQUIPMENT	NA
	ACCESS ROUTES	NA
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	Stand is accessible
	EQUIPMENT	Equipment is accessible.
PROGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	

FACILITY: MOUNT VERNON PARK

PARKING

TOTAL SPACES	128		
Specification for accessible spaces	3	No	Comments
Accessible space located closest to accessible entrance	X		8 HC spaces
Drop off provided within 100' of accessible entrance	X		
Minimum width of 13' includes 8' space plus 5' access aisle	X		
Van Space: One van space for every accessible space	X		
HC parking signage at each space	X		
Sign minimum 4', maximum 8' to top	X		
Surface evenly paved or hard packed	X		
Slope less than 5%	x		
Curb cut to pathway from parking lot at each space	X		
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%	X		
NOTES:			

FACILITY: MOUNT VERNON PARK

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES:			



FACILITY: MOUNT VERNON PARK

PICNICKING	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		X	
Top of table no higher than 32" above ground		X	
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		X	
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter		X	
NOTES: There are no picnicking facilities in this park			

FACILITY: MOUNT VERNON PARK

PICNICKING	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		X	
Top of table no higher than 32" above ground		X	
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		X	
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter		X	
NOTES: There are no picnicking facilities in this park			

FACILITY: MOUNT VERNON PARK

RESTROOMS	Yes	No	Comments
5 ft turning space measured 12" from the floor	X		
<b>At least one Sink:</b>			
Clear floor space of 30" by 48" to allow a forward approach	X		
Mounted without pedestal or legs, height 34" to top of rim	X		
Extends at least 22" from the wall	X		
Open knee space a minimum 19" deep, 30" width, and 27" high	X		
Cover exposed pipes with insulation	X		
Faucets operable with closed fist (lever or spring activated handle)	X		
<b>At least one Stall:</b>			
Accessible to person using wheelchair at 60" wide by 72" deep	X		
Stall door is 36" wide	X		
Stall door swings out	X		
Stall door is self closing	X		
Stall door has a pull latch	X		
Lock on stall door is operable with a closed fist, and 32" above the floor	X		
Coat hook is 54" high	X		
<b>Toilet</b>			
18" from center to nearest side wall	X		
42" minimum clear space from center to farthest wall or fixture	X		
Top of seat 17"-19" above the floor	X		
<b>Grab Bars</b>	X		
On back and side wall closest to toilet	X		
1¼" diameter	X		
1½" clearance to wall	X		
Located 30" above and parallel to the floor	x		
Acid-etched or roughened surface	X		
42" long	X		
<b>Fixtures</b>			
Toilet paper dispenser is 24" above floor	X		
One mirror set a maximum 38" to bottom (if tilted, 42")	X		
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor	X		

FACILITY: NORTH COMMON REVIVIENDO

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Tables and Benches are accessible
	GRILLS	NA
	TRASH CANS	All trash receptacles are accessible
	PICNIC SHELTERS	The shelter is accessible.
GAME AREAS	BASEBALL	NA
	BASKETBALL	NA
	HAND BALL	NA
	TURF FIELD	NA
	VOLLEYBALL	NA
PLAY AREAS	EQUIPMENT	The equipment is accessible
	ACCESS ROUTES	There is an accessible route and the rubber play surface is in decent shape.
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PROGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	



FACILITY: NORTH COMMON REVIVIENDO

PARKING

TOTAL SPACES	0		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance			
Drop off provided within 100' of accessible entrance			
Minimum width of 13' includes 8' space plus 5' access aisle			
Van Space: One van space for every accessible space			
HC parking signage at each space			
Sign minimum 4', maximum 8' to top			
Surface evenly paved or hard packed			
Slope less than 5%			
Curb cut to pathway from parking lot at each space			
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%			
NOTES:			

FACILITY: NORTH COMMON REVIVIENDO

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance		X	
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES:			

FACILITY: NORTH COMMON REVIVIENDO

PICNICKING	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access	X		
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.	X		
Top of table no higher than 32" above ground	X		
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions	X		
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter	X		
NOTES:			

FACILITY: OCONNELL SOUTH COMMON

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	All benches are accessible. There are no tables at the common
	GRILLS	NA
	TRASH CANS	All trash receptacles are accessible
	PICNIC SHELTERS	NA
GAME AREAS	BASEBALL	Accessible routes to bleachers do not exist due to permitting constraints.
	BASKETBALL	The park lacks an accessible route to the basketball courts
	HAND BALL	NA
	TURF FIELD	NA
	VOLLEYBALL	The park lacks an accessible route to the volleyball courts
PLAY AREAS	EQUIPMENT	The equipment is not accessible
	ACCESS ROUTES	The park lacks an accessible route to the playground
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
BAND STAND	ACCESS ROUTES	The access routes are not accessible
	EQUIPMENT	The handrails are not compliant with current code relative to falls from height.
PROGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	Programing at the bandstand is being considered for future park activation. Accessible spectator seating is planned. The bandstand needs further evaluation.



FACILITY: OCONNELL SOUTH COMMON

PARKING

TOTAL SPACES	0		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance			
Drop off provided within 100' of accessible entrance			
Minimum width of 13' includes 8' space plus 5' access aisle			
Van Space: One van space for every accessible space			
HC parking signage at each space			
Sign minimum 4', maximum 8' to top			
Surface evenly paved or hard packed			
Slope less than 5%			
Curb cut to pathway from parking lot at each space			
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%			
NOTES: The city does not have any parking spaces at the common.			

FACILITY: OCONNELL SOUTH COMMON

PARKING

TOTAL SPACES	0		
Specification	Yes	No	Comments
Slope max 8.33%			NA
Minimum 4' between handrails			NA
Handrails on both sides if ramp longer than 6'			NA
handrails 34" and 19" from ramp surface			NA
handrails extend beyond top and bottom			NA
Handgrip oval or round			NA
Handgrip smooth surface			NA
Handgrip DIA 1.25" to 2"			NA
Clearance of 1.5" between wall and rail			NA
Non slip surface			NA
level platforms 4' x 4') at every 30'			NA

FACILITY: OCONNELL SOUTH COMMON

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL	X		
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant			
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES: The city renovated the main paths in the common and the Market Street sidewalk with support from the PARC program. The primary issue of concern are the sidewalks crossings leading to the common.			

FACILITY: OCONNELL SOUTH COMMON

FLOORS	Yes	No	Comments
Non-slip surface	X		
At least one Sink:			NA
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains			NA
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Police Call Boxes			NA
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
NOTES: The city plans to add water service to the common in 2018 for a spray park. Drinking fountains will be accessible if included in the project.			



FACILITY: OCONNELL SOUTH COMMON

PICNICKING	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		X	
Top of table no higher than 32" above ground		X	
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		X	
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter		X	
NOTES: The city is adding accessible seating and picnicing opportunities in phase 2 of common renovations. There are currently no picnic tables exist.			

FACILITY: O'NEILL PARK

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Many benches are made of wood, over twenty years old, and need to be replaced.
	GRILLS	NA
	TRASH CANS	All trash receptacles are accessible
	PICNIC SHELTERS	NA
GAME AREAS	BASEBALL	The seating areas for the fields are not accessible and need hand rails.
	BASKETBALL	The courts are accessible
	HAND BALL	NA
	TURF FIELD	The field is not accessible
	VOLLEYBALL	NA
PLAY AREAS	EQUIPMENT	NA
	ACCESS ROUTES	NA
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
BAND STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PRGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	The paths need to be addressed due to asphalt heaving from tree roots. Street tree wells also require maintenance to increase accessibility.

FACILITY: O'NEILL PARK

PARKING

TOTAL SPACES	0		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance			
Drop off provided within 100' of accessible entrance			
Minimum width of 13' includes 8' space plus 5' access aisle			
Van Space: One van space for every accessible space			
HC parking signage at each space			
Sign minimum 4', maximum 8' to top			
Surface evenly paved or hard packed			
Slope less than 5%			
Curb cut to pathway from parking lot at each space			
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%			
NOTES: The city does not have any parking spaces at O'NEILL Park.			

FACILITY: O'NEILL PARK

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance		X	Tree routes and asphalt age are impacting accessibility
Disembarking area at accessible entrance	X		
No ponding of water		X	
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES: The paths need to be addressed due to asphalt heaving from tree roots. Street tree wells also require maintenance to increase accessibility.			



**FACILITY: O'NEILL PARK**

<b>PICNICKING</b>	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access	X		
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.	X		
Top of table no higher than 32" above ground	X		
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions	X		
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter	X		
NOTES: The city has no picnic tables at the O'Neill. They will be added if a PARC application for FY19 is awarded.			

FACILITY: OXFORD HANDBALL COURTS

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	NA
	GRILLS	NA
	TRASH CANS	NA
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	NA
	BASEBALL	NA
	TURF FIELD	NA
	HANDBALL COURT	Court is accessible
PLAY AREAS	EQUIPMENT	NA
	ACCESS ROUTES	NA
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	
	EQUIPMENT	NA
PRGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	Small park with two handball courts.

FACILITY: OXFORD HANDBALL COURTS

PARKING

TOTAL SPACES	0		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance		X	
Drop off provided within 100' of accessible entrance		X	
Minimum width of 13' includes 8' space plus 5' access aisle		X	
Van Space: One van space for every accessible space		X	
HC parking signage at each space		X	
Sign minimum 4', maximum 8' to top		X	
Surface evenly paved or hard packed		X	
Slope less than 5%		X	
Curb cut to pathway from parking lot at each space		X	
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%		X	
NOTES:			

FACILITY: OXFORD HANDBALL COURTS

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance		X	
Grates in path of travel have openings of ½" maximum	X		
NOTES:			



**FACILITY: OXFORD HANDBALL COURTS**

<b>PICNICKING</b>	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		X	
Top of table no higher than 32" above ground		X	
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		X	
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter		X	
NOTES: There are no picnicking facilities in this park.			

FACILITY: OXFORD PAPER SITE

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Benches are accessible.
	GRILLS	NA
	TRASH CANS	Trash barrels are accessible.
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	NA
	HAND BALL	NA
	TURF FIELD	NA
	TENNIS COURT	NA
PLAY AREAS	EQUIPMENT	NA
	ACCESS ROUTES	NA
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PRGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	This park's program is limited to the Spicket River Greenway.

FACILITY: OXFORD PAPER SITE

PARKING

TOTAL SPACES	10		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance	X		
Drop off provided within 100' of accessible entrance	X		
Minimum width of 13' includes 8' space plus 5' access aisle	X		
Van Space: One van space for every accessible space	X		
HC parking signage at each space	X		
Sign minimum 4', maximum 8' to top	X		
Surface evenly paved or hard packed	X		
Slope less than 5%	X		
Curb cut to pathway from parking lot at each space	X		
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%	X		
NOTES:			

FACILITY: OXFORD PAPER SITE

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES:			



FACILITY: OXFORD PAPER SITE

PICNICKING	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		X	
Top of table no higher than 32" above ground		X	
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		X	
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter		X	
NOTES:			

FACILITY: PARTHUM

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Spectator Seating is not accessible.
	GRILLS	NA
	TRASH CANS	Trash barrels are not accessible.
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	Baseball field does not have accessible route.
	BASEBALL	Court does not have accessible route.
	TURF FIELD	NA
	HANDBALL COURT	NA
PLAY AREAS	EQUIPMENT	NA
	ACCESS ROUTES	NA
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	
	EQUIPMENT	NA
PROGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	

FACILITY: PARTHUM

PARKING

TOTAL SPACES	0		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance		X	
Drop off provided within 100' of accessible entrance		X	
Minimum width of 13' includes 8' space plus 5' access aisle		X	
Van Space: One van space for every accessible space		X	
HC parking signage at each space		X	
Sign minimum 4', maximum 8' to top		X	
Surface evenly paved or hard packed		X	
Slope less than 5%		X	
Curb cut to pathway from parking lot at each space		X	
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%		X	
NOTES:			

FACILITY: PARTHUM

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance		X	
Disembarking area at accessible entrance		X	
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs		X	
Path is stable, firm and slip resistant		X	
3 ft wide minimum		X	
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).		X	
Continuous common surface, no changes in level greater than ½ inch			
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane		X	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"		X	
Curb on the pathway must have curb cuts at drives, parking and drop-offs		X	
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance		X	
Grates in path of travel have openings of ½" maximum	X		
NOTES:			



**FACILITY: PARTHUM**

<b>PICNICKING</b>	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		X	
Top of table no higher than 32" above ground		X	
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		X	
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter		X	
NOTES: There are no picnicking facilities in this park.			

FACILITY: PLAINSMAN PARK

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Benches are accessible.
	GRILLS	NA
	TRASH CANS	Trash barrels are accessible.
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	NA
	BASEBALL	NA
	TURF FIELD	NA
	TENNIS COURT	NA
PLAY AREAS	EQUIPMENT	NA
	ACCESS ROUTES	NA
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PROGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	

FACILITY: PLAINSMAN PARK

PARKING

TOTAL SPACES	0		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance		X	
Drop off provided within 100' of accessible entrance	X		
Minimum width of 13' includes 8' space plus 5' access aisle		X	
Van Space: One van space for every accessible space		X	
HC parking signage at each space		X	
Sign minimum 4', maximum 8' to top		X	
Surface evenly paved or hard packed		X	
Slope less than 5%		X	
Curb cut to pathway from parking lot at each space		X	
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%		X	
NOTES:			

FACILITY: PLAINSMAN PARK

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES:			



**FACILITY: PLAINSMAN PARK**

<b>PICNICKING</b>	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		X	
Top of table no higher than 32" above ground		X	
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		X	
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter		X	
NOTES: There are no picnicking facilities in this park			

FACILITY: RESERVOIR PARK

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	NA
	GRILLS	NA
	TRASH CANS	Trash barrels are accessible.
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	NA
	HAND BALL	NA
	TURF FIELD	NA
	TENNIS COURT	The court is accessible.
PLAY AREAS	EQUIPMENT	NA
	ACCESS ROUTES	NA
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PRGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	This park would benefit from tables and benches.

FACILITY: RESERVOIR PARK

PARKING

TOTAL SPACES	0		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance		X	There are no HC designated spaces
Drop off provided within 100' of accessible entrance	X		
Minimum width of 13' includes 8' space plus 5' access aisle		X	
Van Space: One van space for every accessible space		X	
HC parking signage at each space		X	
Sign minimum 4', maximum 8' to top		X	
Surface evenly paved or hard packed		X	
Slope less than 5%		X	
Curb cut to pathway from parking lot at each space		X	
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%		X	
NOTES:			

FACILITY: RESERVOIR PARK

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs		X	There are stairs, but an HC ramp is provided
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES: This park is on a hill overlooking the city. Many of the sidewalks leading to the park have slopes non-compliant with ADA standards. The interior circulation is meets those standards, but some secondary paths have steps and slopes greater than 5%.			



**FACILITY: RESERVOIR PARK**

PICNICKING	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			
Top of table no higher than 32" above ground			
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			
NOTES: Residents picnic on blankets.			

FACILITY: SHAWSHEEN PARK

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Benches are accessible.
	GRILLS	NA
	TRASH CANS	Trash barrels are accessible.
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	NA
	BASEBALL	Field is accessible
	TURF FIELD	Field is accessible
	HANDBALL COURT	NA
PLAY AREAS	EQUIPMENT	NA
	ACCESS ROUTES	NA
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	The stand is accessible (stand will be installed in fall 2018).
	EQUIPMENT	NA
PROGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	

FACILITY: SHAWSHEEN PARK

PARKING

TOTAL SPACES	126		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance		X	
Drop off provided within 100' of accessible entrance		X	
Minimum width of 13' includes 8' space plus 5' access aisle		X	
Van Space: One van space for every accessible space		X	
HC parking signage at each space		X	
Sign minimum 4', maximum 8' to top		X	
Surface evenly paved or hard packed		X	
Slope less than 5%		X	
Curb cut to pathway from parking lot at each space		X	
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%		X	
NOTES:			

FACILITY: SHAWSHEEN PARK

PARKING

TOTAL SPACES	126		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance		X	
Drop off provided within 100' of accessible entrance		X	
Minimum width of 13' includes 8' space plus 5' access aisle		X	
Van Space: One van space for every accessible space		X	
HC parking signage at each space		X	
Sign minimum 4', maximum 8' to top		X	
Surface evenly paved or hard packed		X	
Slope less than 5%		X	
Curb cut to pathway from parking lot at each space		X	
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%		X	
NOTES:			



**FACILITY: SHAWSHEEN PARK**

<b>PICNICKING</b>	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		X	
Top of table no higher than 32" above ground		X	
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		X	
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter		X	
NOTES: There are no picnicking facilities in this park			

FACILITY: SPICKET RIVER GREENWAY

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Benches are accessible.
	GRILLS	NA
	TRASH CANS	Trash barrels are accessible.
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	NA
	BASEBALL	NA
	TURF FIELD	NA
	HANDBALL COURT	NA
PLAY AREAS	EQUIPMENT	NA
	ACCESS ROUTES	NA
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	
	EQUIPMENT	NA
PROGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	3.5 mile long paved greenway

FACILITY: SPICKET RIVER GREENWAY

PARKING

TOTAL SPACES	0		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance		X	
Drop off provided within 100' of accessible entrance		X	
Minimum width of 13' includes 8' space plus 5' access aisle		X	
Van Space: One van space for every accessible space		X	
HC parking signage at each space		X	
Sign minimum 4', maximum 8' to top		X	
Surface evenly paved or hard packed		X	
Slope less than 5%		X	
Curb cut to pathway from parking lot at each space		X	
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%		X	
NOTES: See individual park inventories.			

FACILITY: SPICKET RIVER GREENWAY

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES: See individual park inventories.			



**FACILITY: SPICKET RIVER GREENWAY**

<b>PICNICKING</b>	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		X	
Top of table no higher than 32" above ground		X	
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		X	
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter		X	
NOTES: There are no picnicking facilities in this park. See individual park inventories.			

FACILITY: SPRAY PARK AT THE POINT

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	The stone seat wall is accessible. There are no tables.
	GRILLS	NA
	TRASH CANS	All trash receptacles are accessible
	PICNIC SHELTERS	NA
GAME AREAS	BASEBALL	NA
	BASKETBALL	NA
	HAND BALL	NA
	TURF FIELD	NA
	VOLLEYBALL	NA
PLAY AREAS	EQUIPMENT	NA
	ACCESS ROUTES	NA
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	The Spray Park is accessible.
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PROGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	

FACILITY: SPRAY PARK AT THE POINT

PARKING

TOTAL SPACES	0		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance			
Drop off provided within 100' of accessible entrance			
Minimum width of 13' includes 8' space plus 5' access aisle			
Van Space: One van space for every accessible space			
HC parking signage at each space			
Sign minimum 4', maximum 8' to top			
Surface evenly paved or hard packed			
Slope less than 5%			
Curb cut to pathway from parking lot at each space			
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%			
NOTES:			

FACILITY: SPRAY PARK AT THE POINT

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES:			



FACILITY: SPRAY PARK AT THE POINT

PICNICKING	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			
Top of table no higher than 32" above ground			
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			
NOTES: The primary location for picnicing is at the seat wall next to the spray park.			

FACILITY: STOCKTON PARK

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Benches are accessible.
	GRILLS	NA
	TRASH CANS	Trash barrels accessible.
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	NA
	BASEBALL	NA
	TURF FIELD	NA
	HANDBALL COURT	NA
PLAY AREAS	EQUIPMENT	NA
	ACCESS ROUTES	NA
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PRGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	Park isolated by roadways. Fountain doesn't work.

FACILITY: STOCKTON PARK

PARKING

TOTAL SPACES	0		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance		X	
Drop off provided within 100' of accessible entrance		X	
Minimum width of 13' includes 8' space plus 5' access aisle		X	
Van Space: One van space for every accessible space		X	
HC parking signage at each space		X	
Sign minimum 4', maximum 8' to top		X	
Surface evenly paved or hard packed		X	
Slope less than 5%		X	
Curb cut to pathway from parking lot at each space		X	
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%		X	
NOTES:			

FACILITY: STOCKTON PARK

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES:			



**FACILITY: STOCKTON PARK**

<b>PICNICKING</b>	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		X	
Top of table no higher than 32" above ground		X	
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		X	
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter		X	
NOTES: There are no picnicking facilities in this park			

FACILITY: STORROW PARK

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Benches are accessible.
	GRILLS	NA
	TRASH CANS	Trash barrels are accessible.
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	Basketball court is accessible
	HAND BALL	NA
	TURF FIELD	Turf is accessible
	TENNIS COURT	NA
PLAY AREAS	EQUIPMENT	Equipment is accessible
	ACCESS ROUTES	The playground has an accessible rubber surface and an accessible route from the playground.
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PROGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	

FACILITY: STORROW PARK

PARKING

TOTAL SPACES	15		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance	X		
Drop off provided within 100' of accessible entrance	X		
Minimum width of 13' includes 8' space plus 5' access aisle	X		
Van Space: One van space for every accessible space	X		
HC parking signage at each space		X	
Sign minimum 4', maximum 8' to top	X		
Surface evenly paved or hard packed	X		
Slope less than 5%	X		
Curb cut to pathway from parking lot at each space	X		
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%	X		
NOTES:			

FACILITY: STORROW PARK

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES:			



**FACILITY: STORROW PARK**

<b>PICNICKING</b>	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		X	
Top of table no higher than 32" above ground		X	
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		X	
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter		X	
NOTES: There are no picnicking facilities in this park			

FACILITY: SULLIVAN PARK

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Benches are accessible
	GRILLS	NA
	TRASH CANS	Trash barrels accessible.
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	Court is accessible
	TENNIS	Court is accessible
	TURF FIELD	NA
	HANDBALL COURT	NA
PLAY AREAS	EQUIPMENT	Equipment is accessible
	ACCESS ROUTES	Playground has an accessible route, but playground surface is not.
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PROGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	

FACILITY: SULLIVAN PARK

PARKING

TOTAL SPACES	39		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance		X	No HC spaces
Drop off provided within 100' of accessible entrance	X		
Minimum width of 13' includes 8' space plus 5' access aisle	X		
Van Space: One van space for every accessible space		X	
HC parking signage at each space		X	
Sign minimum 4', maximum 8' to top		X	
Surface evenly paved or hard packed		X	
Slope less than 5%	X		
Curb cut to pathway from parking lot at each space		X	
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%		X	
NOTES:			

FACILITY: SULLIVAN PARK

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES:			



**FACILITY: SULLIVAN PARK**

<b>PICNICKING</b>	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		X	
Top of table no higher than 32" above ground		X	
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		X	
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter		X	
NOTES: There are no picnicking facilities in this park			

FACILITY: VAN DOORNE PARK

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Benches are not accessible.
	GRILLS	NA
	TRASH CANS	Trash barrels are accessible.
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	NA
	HAND BALL	NA
	TURF FIELD	NA
	TENNIS COURT	NA
PLAY AREAS	EQUIPMENT	NA
	ACCESS ROUTES	NA
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	NA
	EQUIPMENT	NA
PRGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	This is an unofficial dog park with limited program.

FACILITY: VAN DOORNE PARK

PARKING

TOTAL SPACES	0		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance		X	There are no HC designated spaces
Drop off provided within 100' of accessible entrance		X	
Minimum width of 13' includes 8' space plus 5' access aisle		X	
Van Space: One van space for every accessible space		X	
HC parking signage at each space		X	
Sign minimum 4', maximum 8' to top		X	
Surface evenly paved or hard packed		X	
Slope less than 5%		X	
Curb cut to pathway from parking lot at each space		X	
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%		X	
NOTES:			

FACILITY: VAN DOORNE PARK

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance		X	
Disembarking area at accessible entrance		X	
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant		X	Paths in the park are grass
3 ft wide minimum		X	
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).		X	
Continuous common surface, no changes in level greater than ½ inch		X	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane		X	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"		X	
Curb on the pathway must have curb cuts at drives, parking and drop-offs		X	
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance		X	
Grates in path of travel have openings of ½" maximum		X	
NOTES: There are no paths in this park.			



FACILITY: VAN DOORNE PARK

PICNICKING	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		X	
Top of table no higher than 32" above ground		X	
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		X	
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter		X	
NOTES: There is no picnicking in this park.			

FACILITY: WAREHOUSE SQUARE

ACTIVITY	EQUIPMENT	NOTES
PICNIC AREAS	TABLES & BENCHES	Benches are accessible.
	GRILLS	NA
	TRASH CANS	Trash barrels are accessible.
	PICNIC SHELTERS	NA
GAME AREAS	SKATE PARK	NA
	BASKETBALL	NA
	BASEBALL	NA
	TURF FIELD	NA
	HANDBALL COURT	NA
PLAY AREAS	EQUIPMENT	NA
	ACCESS ROUTES	NA
SWIMMING FACILITIES	BEACHES	NA
	POOLS	NA
	SPRAY PARKS	NA
BOAT DOCKS	ACCESS ROUTES	NA
CONCESSION STAND	ACCESS ROUTES	
	EQUIPMENT	NA
PRGRAMMING	SPECIAL PROGRAMS ACCESSIBLE?	Small urban plaza

FACILITY: WAREHOUSE SQUARE

PARKING

TOTAL SPACES	0		
Specification for accessible spaces	Yes	No	Comments
Accessible space located closest to accessible entrance		X	
Drop off provided within 100' of accessible entrance		X	
Minimum width of 13' includes 8' space plus 5' access aisle		X	
Van Space: One van space for every accessible space		X	
HC parking signage at each space		X	
Sign minimum 4', maximum 8' to top		X	
Surface evenly paved or hard packed		X	
Slope less than 5%		X	
Curb cut to pathway from parking lot at each space		X	
Curb cut minimum of 3' width; excluding side slopes; side slopes do not exceed 8.33%		X	
NOTES:			

FACILITY: WAREHOUSE SQUARE

SITE ACCESS, PATH OF TRAVEL, ENTRANCES

SITE ACCESS	Yes	No	Comments
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
No ponding of water	X		
PATH OF TRAVEL			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than ½ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
ENTRANCES			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance	X		
Grates in path of travel have openings of ½" maximum	X		
NOTES:			



FACILITY: WAREHOUSE SQUARE

PICNICKING	Yes	No	Comments
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		X	
Top of table no higher than 32" above ground		X	
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		X	
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter		X	
NOTES: There are no picnicking facilities in this park			