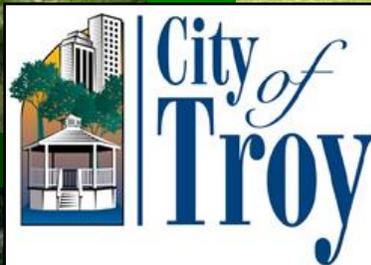


City of Troy

5 Year Parks & Recreation Plan

2015-2020



Creating Community through People, Parks and Programs!



500 W. Big Beaver.
Troy, MI 48084
248.524.3300
troymi.gov

February 24, 2015

Southeast Michigan Council of Governments
535 Griswold Street, Suite 300
Detroit, MI 48226-3602

RE: City of Troy Five Year Parks and Recreation Plan

To Whom It May Concern:

Please find attached a copy of the City of Troy Five Year Parks and Recreation Plan. The Plan was adopted by Troy City Council on January 26, 2015 and is being transmitted to you for your consideration as per Michigan Department of Natural Resources guidelines.

If you have any questions please call our office at (248) 524-3364.

Sincerely,

R. Brent Savidant, AICP, PCP
Planning Director



500 W. Big Beaver.
Troy, MI 48084
248.524.3300
troymi.gov

February 24, 2015

Planning and Economic Development Services
Oakland County Service Center
1200 North Telegraph Road, Building 34 East
Pontiac, MI 48341

RE: City of Troy Five Year Parks and Recreation Plan

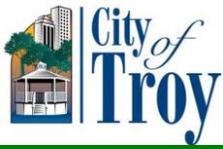
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R. Brent Savidant, AICP, PCP
Planning Director



Prepared with assistance from:

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Elaine Bo – Recreation Director

Planning Department

R. Brent Savidant – Planning Director

Information Technology Department

Carlisle/Wortman Associates, Inc.

Troy School District

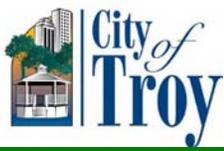
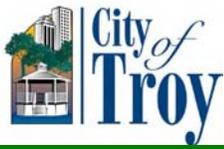


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Why Plan?

A Five Year Parks and Recreation Plan is a valuable tool for many reasons. First, planning stimulates discussion between elected representatives, administration and the community. Through community engagement, the planning organization can cultivate a more thorough understanding of residents' perceptions and desires for the future of parks and recreation offerings.

Additionally, a Plan provides a community with the opportunity to analyze its services and processes, identifying recreational needs and determine its long-range parks and recreation goals. Self-analysis can aid a municipality in ensuring the long-term provision of services that contribute to achieving organizational and departmental missions and goals. In times of fiscal stress, planning can provide the basis for making tough decisions in relation to service venues, types of services provided, and processes used to provide services.

Finally, completed Parks and Recreation Plans are submitted to the Michigan Department of Natural Resources (MDNR) for approval in order to be eligible for participation in State Parks and Recreation Grant Programs. The most popular of these programs is the Michigan Natural Resources Trust Fund (MNRTF), which provides up to 75% of the development or acquisition costs of a recreation facility or park property. A minimum of \$15,000 and a maximum of \$300,000 per project is available per development project. Applications for the grants are due April 1st and September 1st of each year. While State Recreation Grant Programs are extremely competitive, they do provide an opportunity for communities with limited funds available to improve their park systems.

Mission Statement

It is the mission of the Parks Division of the Department of Public Works and the Recreation Department to enhance the quality of life for residents and businesses by providing recreation programs, facilities, and related services. The Recreation Department and Parks Division promote a healthy lifestyle for all age groups regardless of physical abilities, and enriches cultural and natural resources through community programs.



Purpose

The Michigan Department of Natural Resources (MDNR) requires that a community's Parks and Recreation Plan include demographic information and physical characteristics that are significant to recreation. The following Community Description is a compilation of the Michigan Department of Natural Resources (MDNR) required community and demographic information.

Zoning

"Publicly owned and operated parks and recreation facilities" are permitted by right in all districts with the exception of EP (Environmental Protection), PV (Planned Vehicle Sales), and P (Vehicular Parking) Districts. More than 75% of all property in the City of Troy has zoning designations that permit public parks by right. Therefore, zoning is not a limitation to public recreation in the City of Troy.

Physical Characteristics

Location

The City of Troy is a suburban municipality located in southeastern Michigan on the I-75 corridor between Detroit and Pontiac. With access to I-75, I-696 and M-59, travel to and from the area is convenient and trouble-free. Troy is also only 45 minutes from Detroit's Metropolitan Airport (DTW) and Flint's Bishop International Airport (FNT), and fewer than 30 minutes from the Oakland County International Airport (OCIA) in Waterford. Troy also hosts the Troy-Oakland airport, which is used by business travelers and tourists using private, corporate and charter aircrafts.

The City was incorporated in 1955 and includes most of the former Troy Township. The City consists of 31 full sections and four partial sections for a total area of 34.3 square miles. The City is bounded by Sterling Heights to the east, Rochester Hills to the north, Bloomfield Township and Birmingham to the west, and Royal Oak, Clawson and Madison Heights to the south.

There are also seven school districts located within the City of Troy. These school districts include: Troy, Avondale, Birmingham, Bloomfield Hills, Lamphere, Royal Oak, and Warren Consolidated.

Map 1: City of Troy, MI

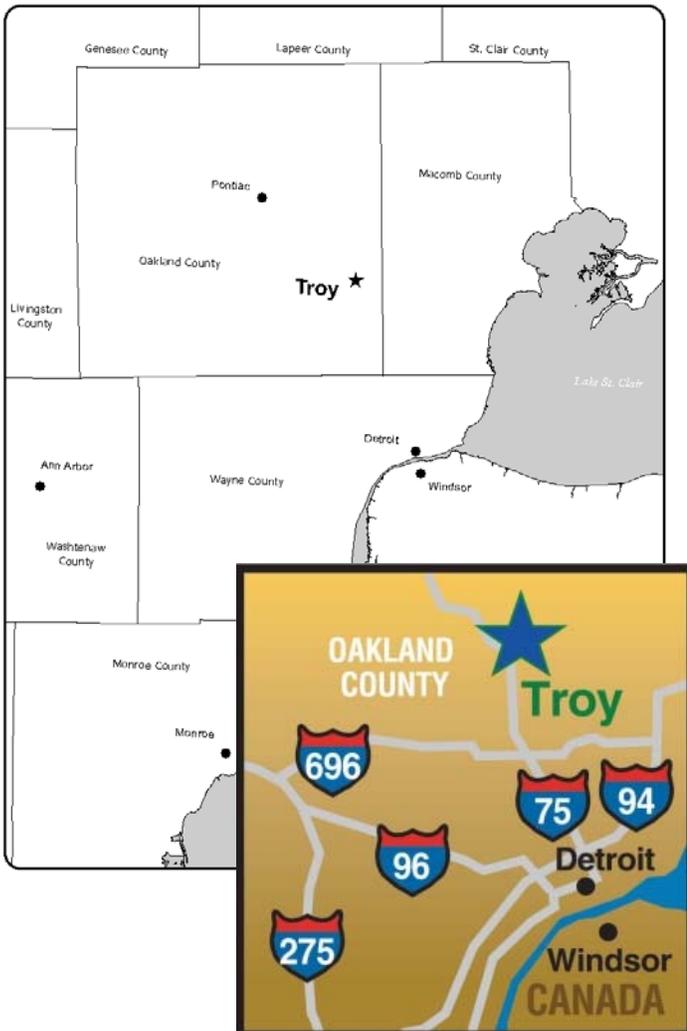


TABLE 1: LAND USE TYPE, 2008 TROY, MI	Acres	Percent
Agricultural	4	0.00%
Single-Family Residential	10,270	47.70%
Multiple-Family Residential	470	2.20%
Commercial/Office	2,229	10.40%
Industrial	1,637	7.60%
Governmental/Institutional	1,788	8.30%
Park, Recreation, and Open Space	1,017	4.70%
Airport	64	0.30%
Transportation, Communication, and Utility	3,839	17.80%
Water	201	0.90%
Total	21,520	100%

Source: SEMCOG, 2014

Land Use Patterns

Table 1 shows Troy’s land use distribution in 2008. Slightly less than one-half of Troy’s land area is comprised of single-family residential districts. Generally, parks and schools are located in close proximity to single-family residential areas. The Parks, Recreation, and Open Space classification comprises approximately 4.7% of Troy’s land area.

Because of its access to I-75, Troy is one of the premier office markets in the State of Michigan, with approximately 21 million square feet of office and engineering space in 2012. Office uses are concentrated in the Big Beaver Corridor area in the southern half of the City and in the Northfield Hills Corporate Center area in the northwest quarter of the City. Troy also has a significant industrial base, with 16 million square feet of manufacturing space in 2012. Most of this space is located in the City’s southern area.

There was 7 million square feet of retail space in Troy in 2012. Retail uses tend to be located near busy intersections and along mile roads. Significant shopping centers include Somerset Collection, Oakland Mall, and Midtown Square.

According to the data, the limited number of vacant parcels with significant development potential is a major challenge facing the City of Troy. Consequently, future development in the City will involve tear-down/rebuilds, adaptive reuse, and will take place on smaller undeveloped parcels or on parcels with development challenges such as wetlands or floodplains. With 72.5% office and 89.9% industrial occupancy rates in the second quarter of 2012, redevelopment of presently developed parcels will be an important key to adding value to the City and navigating Michigan’s economic downturn.

Transportation

Troy’s street system is characterized by a grid pattern of heavily traveled major mile roads. Interstate-75, the state’s busiest freeway, runs in roughly a north-south direction through Troy. There are four freeway interchanges in Troy: Crooks Road, Big Beaver Road, Rochester Road and 14 Mile Road. M-59 runs in an east-west direction north of the City. This system of roads and freeways provides excellent access by automobile to recreation facilities in the City as well as regional facilities in other communities. However, access to other recreational facilities can be difficult for certain segments of the population, primarily children and the elderly, who do not have the use of an automobile. City owned neighborhood parks located within subdivisions help to fill this need gap, as they are easily accessed by foot or bicycle.

The City of Troy's Development Standards require that 8-foot wide safety paths must be constructed as part of development projects along the major thoroughfare roads. This policy has resulted in a safety path system that provides for safe and convenient pedestrian movement along most mile roads. Many of the completed mile road systems are signed bike routes. There are also signed bike routes that guide cyclists through residential neighborhoods in both north-south and east-west directions. Most residential neighborhoods have 5-foot wide sidewalk systems that allow for safe and convenient pedestrian mobility.

The Suburban Mobility Authority for Regional Transportation (SMART) provides mass transit services within Metropolitan Detroit, though in December 2012, the State of Michigan passed legislation to create a Regional Transportation Authority (RTA) for the metro Detroit area. Currently, fixed-route large bus service is available primarily in the southerly part of Troy, which takes riders to a number of destinations including: Somerset Collection, Troy City Hall, and offices along Big Beaver Road. The fixed-route system also provides access to other communities within the region. Because the fixed-route service is concentrated in the southern part of the City, it provides access to only a limited number of recreational facilities. SMART also provides other types of connector services, including: Job Express, Dial-A-Ride, and Door-to-Door Advanced Registration. These services are available to all residents, but are primarily used by senior citizens and the handicapped. These services are only available during the daytime on weekdays.

Troy Medi-Go Plus is a non-profit community organization that transports older persons and people with disabilities to a variety of destinations. This is an advanced reservation service.

The Canadian National/Grand Trunk Western Railroad runs through sections 30 and 31, connecting Troy with Detroit and Lansing and points further. The existing Birmingham AMTRAK station and the future Troy Multimodal Transit Center in section 31 provide a convenient commuter connection to the Wolverine Line and the City of Detroit.

The Oakland/Troy Airport in section 32 provides private, corporate, freight and charter services.



Topography

The southwest corner of Oakland County, including Troy, is in a nearly level glacial lake plain. The topography consists of nearly flat to gently rolling land, with sandy loam to silt loam soils that are generally poorly drained. These characteristics describe the majority of the City, particularly the easterly and southerly portions of the City. The land in this part of the City slopes from northwest to southeast, with elevations ranging from 780 to 630 feet. Elevations within any one section vary by only 20 to 30 feet, which reflects the flatness of the terrain.

The topography in the northwest corner is unlike the rest of the City. This area is within the Rouge River drainage basin and contains hills and ridges and sandy loam soils. The main branch of the Upper Rouge River cuts diagonally across the northwest corner, draining the City in a northeast to southwest direction. Slopes vary from about 850 ft. in the northern part of this area to approximately 760 ft. where the Rouge River flows into Bloomfield Township.

Soils

Part of the initial planning process of potential recreational areas should include consideration and evaluation of existing soil types. This should be a contributing factor in determining the recreational use of the area.

The United States Department of Agriculture (USDA) Soil Conservation Service prepared the Soil Survey of Oakland County, Michigan in March, 1982. Soils in Troy are comprised of four broad soils associations. The soils associations have less significance than in the past because of the amount of development that has occurred and the installation of storm sewers throughout most of the City. Soil conditions are of concern on large parcels that might be considered for park development. The Soil Survey indicates that wetness, slope and slow permeability are the main limitations to the use of these soils in Troy (USDA Soil Conservation Service, 1982).

Vegetation

The pre-settlement forest in the region consisted of beech and sugar maple forests on wet loamy soils, and oak and hickory forests on dry, sandy soils. Hardwood and hardwood-tamarack swamps occupied the low-lying and poorly drained areas. Most naturally occurring vegetation has been cleared. Many species of trees have been introduced to the City, including elm, black cherry and aspen. There are some significant wooded areas scattered throughout the area, usually located within City parks, private parks or on school sites.

Water Resources

The most significant water feature in Troy is the main branch of the Rouge River, which flows southerly through the northwestern portion of the City. Several creeks and drains provide drainage to other areas within Troy. There are some small lakes and ponds scattered throughout the City. A concentration of seven lakes in section 2 is surrounded by single-family development. One of the largest lakes in Troy, Sylvan Glen Lake, serves as a water feature for Sylvan Glen Lake Park and Sylvan Glen Golf Course.

Climate

The Soil Survey of Oakland County contains climate data for Oakland County. In winter, the average temperature is 25.3 degrees F, and the average daily minimum temperature is 17.9 degrees F. In summer, the average temperature is 70.2 degrees F and the average daily maximum temperature is 81.7 degrees F.

The average annual precipitation is 29.6 inches. Of this, 17.2 inches usually falls in April through September, which includes the growing season for most crops. Average seasonal snowfall is 34.6 inches. The prevailing wind is from the southwest (USDA Soil Conservation Service, March 1982).

This data implies that recreational facilities and programming in Troy must be designed to consider the opportunities and limitations associated with the seasonal climate in Michigan.



Socioeconomic Characteristics

Population Trends

Table 2 shows population trends for the City of Troy from 1900 through 2010. The table indicates that since 1910, Troy has experienced a rapid rate of growth, which peaked between 1970 and 1980 with a population that more than doubled. The population increase from one decade to the next did not dip below 50% between 1920 and 1980, but since the 1980s, population growth has slowed, with a mere .02% increase between 2000 and 2010. For comparison, according to SEMCOG data, the State of Michigan as a whole did not experience population change exceeding 50% for any decade since 1900.

Households

Table 3 illustrates the relationship between Troy's population and the current and projected levels of housing. SEMCOG has forecasted that the City of Troy will continue to grow in both population and housing, although by differing levels. The population is expected to increase between 2010 and 2035 by 857 people, or 1.1%, while the number of households increases by 1918 or 6.2%. This disparity is then explained in the decreasing household size, from 2.63 people to 2.35 people, a trend that has been occurring in the United States since the turn of the twentieth century. These figures imply that "growth" measured in new housing does not necessarily translate into significant population growth. Therefore, Troy's land use should be planned in accordance with a population relatively consistent with what currently exists.



TABLE 2: POPULATION GROWTH, 1900-2010		
Year	Troy Twp/ City of Troy Population	% Change From Previous Decade
1900	1,527	-
1910	1,507	-1.30%
1920	2,520	67.20%
1930	3,867	53.50%
1940	6,248	61.60%
1950	10,087	61.40%
1960	19,402	92.30%
1970	39,419	103.20%
1980	67,102	70.20%
1990	72,884	8.60%
2000	80,959	11.10%
2010	80,980	0.02%

Source: SEMCOG 2012
*Note: Troy Township was incorporated as the City of Troy in 1955.

TABLE 3: POPULATION AND HOUSEHOLDS				
Component	1990 Census	2000 Census	2010 Census	2040 Forecast
Household Population	72,867	80,724	80,670	81,741
Group Quarters Population	17	235	310	321
Total Population	72,884	80,959	80,980	82,062
Households	26,167	30,018	30,703	32,721
Household Size	2.78	2.69	2.63	2.50

Source: U.S. Census, SEMCOG 2014

TABLE 4: POPULATION BY AGE

Age Group	1990 Census	2000 Census	2010 Census	2040 Forecast
0-4	4,908 (7%)	4,991 (6%)	4,171 (5%)	4,365 (5%)
5-17	14,451 (20%)	16,227 (20%)	15,140 (19%)	14,246 (17%)
18-34	17,388 (24%)	15,225 (19%)	13,935 (17%)	14,851 (19%)
35-64	30,003 (41%)	36,230 (45%)	36,588 (45%)	29,526 (36%)
65+	6,134 (8%)	8,286 (10%)	11,146 (13%)	19,074 (23%)
	72,884	80,959	80,980	82,062

Source: SEMCOG, 2014

Population Age

Table 4 shows the population breakdown by age as estimated in the 1990, 2000, and 2010 United States census and includes projections for 2035. The most significant change between 1990 and 2010 was the aging of Troy’s population. In 1990, only 49% of the population was aged 35 or older; by 2012, this number grew to 58%. The forecast for 2035 is 59% of the population aged 35 or older. Note that 23% of the population, or more than one out of every five residents, is projected to be at least 65 years of age in 2035. These figures show that recreation facilities and programming in the future should address the recreational needs of an older population base. Additionally, it is expected that the number of children aged 0-17 years will increase only slightly in the future.

Employment

Table 5 shows employment by industry for Troy residents in 2010 and 2040. A significant proportion of residents are employed in traditionally high paying industries such as finance, manufacturing, and professional and technical services. The median household income in Troy in 2010 was \$87,269. The figure for Oakland County as a whole was \$66,390, and \$48,432 for the State of Michigan (U.S. Census, 2010).

Troy’s relatively high income implies that residents are less likely to be impacted by user fees than people with lower incomes, and are able to afford and utilize certain private recreation facilities. In addition, proximity to recreational facilities is less of an issue for Troy residents since they are likely to have access to an automobile.

It is important to note that SEMCOG data indicates that approximately 135,000 people work in Troy every day (2012). Troy is a destination city in that its daytime population of approximately 174,895 exceeds its nighttime population. Recreational opportunities are also sought by employees who work in Troy but do not live there.

TABLE 5: EMPLOYMENT BY INDUSTRY

Troy, MI		
INDUSTRY	2010 Census	2040 Forecast
Knowledge-based Services	45,900	59,497
Services to Households & Firms	25,926	31,199
Retail Trade	12,983	11,054
Private Education & Healthcare	12,880	18,258
Manufacturing	8,444	7,576
Leisure & Hospitality	8,222	9,132
Wholesale Trade, Transportation, Warehousing & Utilities	8,210	7,997
Government	3,582	3,799
Natural Resources, Mining & Construction	3,214	3,617

SEMCOG, 2014

Accessibility

Table 6 is derived from the 2011 American Community Survey, which is conducted in conjunction with the decennial Census. The table shows that approximately 30.6% of Troy residents aged 65 and older in 2000 had a disability. A total of 6,973 persons aged 5 years and older had a disability. This represents approximately 8.6% of the population aged 5 and over in 2011.

Ease of access to recreational facilities is not an issue for many elderly Troy residents because of their income levels and health. However, there are some residents that live in retirement homes for which accessibility is a major concern. These facilities are: Sunrise Assisted Living (section 4); Clare Bridge House and Wynwood House (section 17); Oak Manor Retirement Home (section 25); Bethany Villa (section 26) and American House and Oakland Towers I and II (section 36).

Accessibility to recreational facilities and programming will continue to be a concern in the future as the proportion of older adults rises. The Americans with Disabilities Act (ADA) has imposed standards on recreational facilities and public land and buildings. It is important that future facilities be designed to meet these standards.

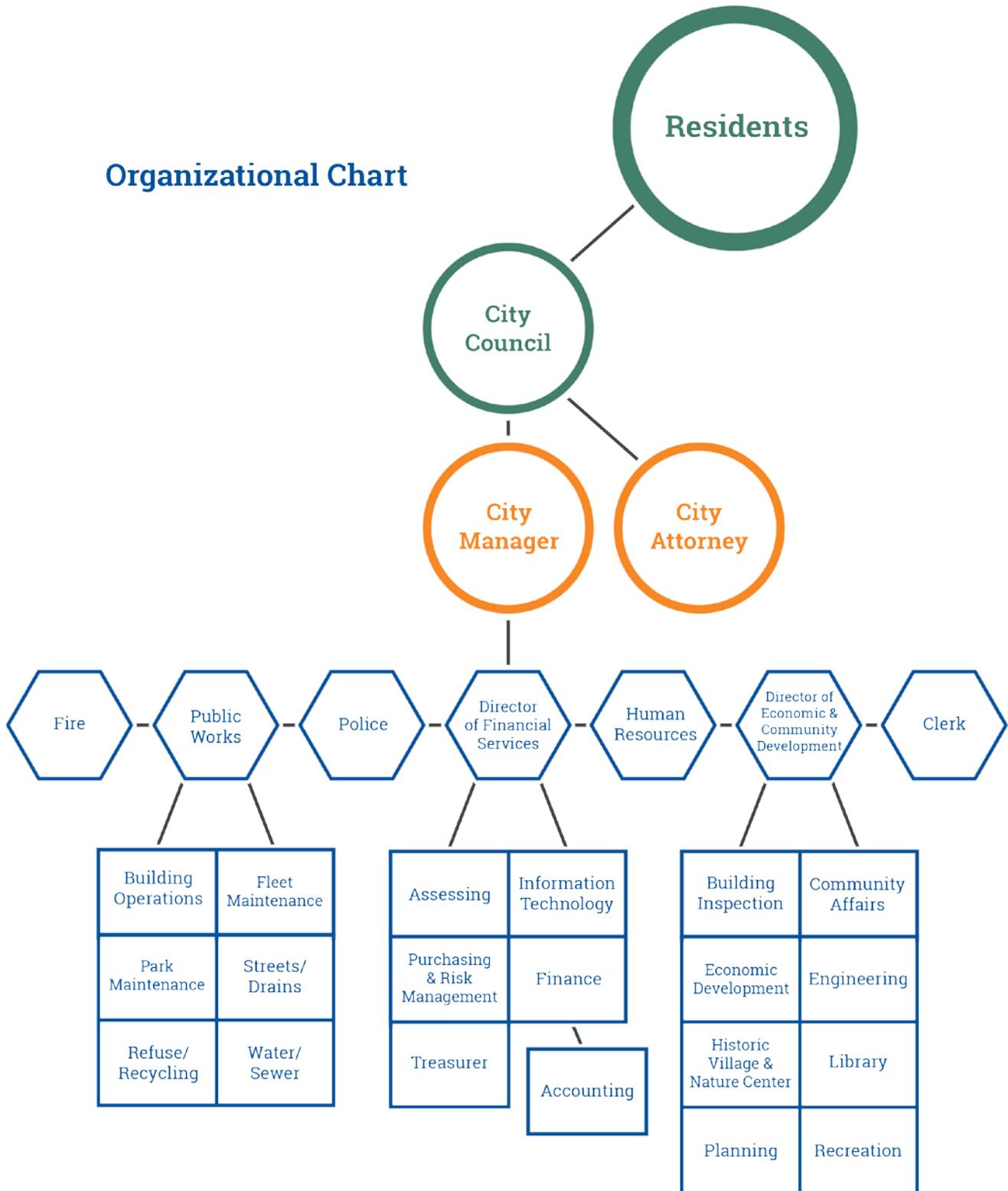


TABLE 6: DISABILITY STATUS OF THE CIVILIAN NONINSTITUTIONALIZED POPULATION, 2009-2011		
Troy, MI		
Age	Total Population	Population with Disability
5-18	20,165	659
18-64	49,863	2,939
65+	11,027	3,375

Census, 2012 American Community Survey



Organizational Chart



Administrative Structure

Parks and recreation services in Troy are provided primarily by the City government and the Troy School District. The City owns and maintains seventeen parks, five special use facilities, and operates a year-round recreation program. The recreation program is administered by the Recreation Department. The Troy School District currently maintains nineteen sites on which recreation facilities are located. The Director of Operations is responsible for developing and maintaining the school sites and other facilities. The School District and City cooperate with each other on an informal basis to maximize the use of school and park sites. In certain cases, formal agreements have been drafted to develop and use recreation facilities. In some cases, the City has constructed ball fields and soccer fields on school sites; the fields are then maintained by the School District.

Parks and Recreation History

Since 2007, there has been a dramatic shift in quality of life departments, including the former Parks and Recreation Department, in terms of how services are delivered. The Great Recession and the City's associated budget difficulties necessitated that the City of Troy re-examine its quality of life service offerings and develop a plan for reducing expenditures.

City administration developed options for reducing expenditures to meet revenues. Option 1 and Option 2 as presented to the City Council were intended to identify Council's service priorities and protect the highest priority services for as long as funding allowed. Council directed administration to implement Option 1, which held public safety and infrastructure as core values. In turn, Option 1 planned for cutting quality of life services and venues before public safety and infrastructure.

Under Option 1, quality of life venues, including the Troy Historic Village, Lloyd A. Stage Nature Center, and the Troy Community Center were slated for closure. Creative problem solving by management allowed most of these quality of life venues to remain open in varying capacities.

The management of the museum and nature center were transferred to public-private partnerships through 501(c)3 non-profit organizations. The Troy Historical Society (THS) assumed operations of the Troy Historic Village; the Troy Nature Society (TNS) assumed operations of the Lloyd A. Stage Nature Center. Also, Troy voters approved a special millage that allowed the Troy Public Library to remain in operation.



Parks and recreation functions were joined under one department until FY 2011/12. Beginning in FY 2011/12, Recreation was reorganized as an independent department under the Director of Economic and Community Development, while Parks was reorganized as a division of the Department of Public Works under supervision of the Parks, Streets and Drains Superintendent.

The Recreation Department was given instruction to maintain programmatic cost neutrality. Programs that did not cover costs were no longer offered, fees were raised on some programs, and some programs were absorbed by non-municipal organizations.



City of Troy Administration

The City of Troy was incorporated in 1955 with a council-manager form of government. Appointed by a seven person City Council, the City Manager supervises all departments, except for the City Attorney's Office, and is ultimately responsible for the day-to-day operations of the City. There are seven department heads that report directly to the City Manager. Of these direct reports to the City Manager, park services is located under the Director of Public Works, while recreation services falls under the Director of Economic and Community Development.

The Parks Division of the Department of Public Works is responsible for park site development, park maintenance and facilities preparation for all City parks. The division oversees forestry operations including planting, trimming and tree removal. Division staff also maintains all municipal sites and grounds such as fire stations, boulevards, parks and cemeteries.

The Recreation Department is responsible for the development and maintenance of recreation program schedules, publicity, and operations. Recreation staff coordinates indoor and outdoor facility use and directs part-time personnel who manage program sessions. The Recreation Department also oversees the operation and programming offered at the Troy Community Center as well as aquatics programming through the Aquatics Division.

The Aquatics Division is responsible for the operation and programming of the indoor and outdoor pools. The premier facility associated with Aquatics is the Troy Family Aquatics Center, which received the "Best of Aquatics" award in 2008 from Aquatics International.

The Recreation Department also oversees the services of the City's privately managed, but municipally owned, golf courses Sylvan Glen and Sanctuary Lake. Through contract, Billy Casper LLC is responsible for operations and maintenance of these two courses.

The City also contracted with the Troy Nature Society to provide programming at the City's Lloyd A. Stage Nature Center, with limited hours of operation from spring through fall. This programming includes classes, and special events.

To provide City Council with parks and recreation service recommendations, a Parks and Recreation Advisory Board, consisting of ten members who are appointed by council, meet with the department administrators to review ongoing programs, facilities, and other related matters. The Parks and Recreation Advisory Board operates in adherence to Chapter 27 of the City of Troy Municipal Code.

Troy School District Administration

The Troy School District operates under the guidance of an elected school board. The top administrative officers in the school district are the Superintendent and Assistant Superintendent for Instruction. As mentioned above, Recreation Department and Department of Public Works maintain a cooperative relationship with the Troy School District.



Parks and Recreation Budgets

The City of Troy's Park and Recreation Departments are funded primarily through the general fund. However, golf and aquatics functions operate as enterprise funds. The tables below summarize these Departments' FY 2012/13 Budgets and budget histories. It should be noted that the capital needs and operating fund budgets are itemized for Recreation Department and Department of Public Works parks function. The Budget for Aquatics is shown as a total.

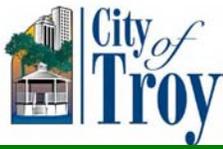


Table 7: Parks Budget

Activity	2014 Estimated	2014 Amended	2015 Proposed	2016 Proposed	2017 Proposed
Parks Administration	\$109,200	\$62,430	\$70,210	\$71,110	\$71,920
Civic Center Maintenance	\$207,060	\$274,710	\$314,780	\$307,020	\$304,300
Cemetery Maintenance	\$16,600	\$22,000	\$18,490	\$22,290	\$22,380
Parks Garage	\$80,900	\$81,670	\$82,730	\$84,210	\$85,260
Athletic Field Maintenance	\$246,640	\$273,300	\$304,830	\$329,320	\$330,820
Parks Maintenance	\$850,716	\$962,960	\$995,580	\$1,046,450	\$1,054,290
Park Equipment Repair	\$61,130	\$59,490	\$61,960	\$62,950	\$64,160
Parks Special Events	\$11,450	\$500	\$2,000	\$2,000	\$2,000
Major Tree Maintenance	\$23,050	\$600	\$500	\$500	\$500
Major Tree Planting	\$1,500	\$2,000	\$2,000	\$2,000	\$2,000
Major Tree Storm Damage	-	\$200	\$200	\$200	\$200
Local Tree Maintenance	\$393,000	\$391,920	\$424,850	\$426,650	\$428,340
Local Tree Planting	\$20,300	\$20,300	\$20,300	\$20,300	\$420,300
Local Tree Storm Damage	\$30,000	\$300	\$250	\$250	\$250
Street Island Maintenance-Major	\$81,100	\$114,600	\$130,040	\$137,390	\$137,440
Street Island Maintenance-Local	\$600	\$300	\$270	\$270	\$270
Street Island Maintenance-Northfield	-	-	-	-	-
Street Island Maintenance -DDA	\$138,600	\$132,990	\$159,680	\$160,070	\$160,410
Division Total: Parks Department	\$2,271,846	\$2,400,270	\$2,588,670	\$2,672,980	\$2,684,840

Table 8: Recreation Budget

Recreation Administration	\$666,500	\$740,590	\$740,750	\$746,910	\$753,269
Recreation	\$996,248	\$1,007,960	\$1,030,810	\$1,036,800	\$1,042,990
Senior Programs	\$228,500	\$223,500	\$226,310	\$227,210	\$228,030
Community Center	\$2,026,378	\$1,985,890	\$2,080,160	\$2,084,490	\$2,109,050
Total Recreation	\$3,917,626	\$3,957,940	\$4,078,030	\$4,095,410	\$4,133,339
Total Nature Center	\$86,600	\$85,400	\$105,290	\$86,700	\$87,240
Total: Recreation and Nature Center	\$4,004,226	\$4,043,340	\$4,183,320	\$4,182,110	\$4,220,579



Parks and Recreation 3-Year Budget

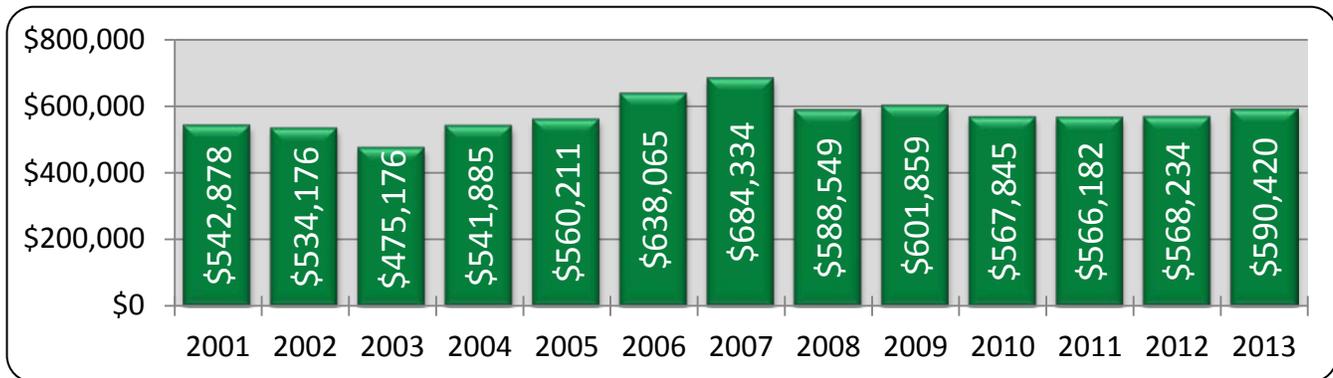
Table 9: Parks and Recreation 3-Year General Fund Budget					
Activity	2014 Estimated	2014 Amended	2015 Proposed	2016 Proposed	2017 Proposed
Total Parks	\$2,271,846	\$2,400,270	\$2,588,670	\$2,672,980	\$2,684,840
Total Recreation	\$4,004,226	\$4,043,340	\$4,183,320	\$4,182,110	\$4,220,579
Total Parks and Recreation	\$6,276,072	\$6,443,610	\$6,771,990	\$6,855,090	\$6,905,419

Table 10: Parks & Recreation 3-Year Capital Budget						
Activity	2013 Actual	2014 Estimated	2014 Amended	2015 Proposed	2016 Proposed	2017 Proposed
<u>Parks</u>						
Brinston Park	-	-	-	-	\$60,000	-
Outdoor Education Center	-	-	-	-	-	-
Various	-	-	-	\$410,000	\$450,000	\$420,000
Section 36 Pathways	-	-	-	-	-	-
Total - Parks	\$0	\$0	\$0	\$410,000	\$510,000	\$420,000
<u>Recreation</u>						
Annex Renovation	-	\$30,000	\$168,500	\$403,500	\$350,000	-
Annex Equipment	-	\$52,500	\$52,500	-	\$53,000	-
Total - Recreation	\$0	\$82,500	\$221,000	\$403,500	\$403,000	\$0
<u>Nature Center</u>						
Various	-	-	-	\$50,000	-	-
Total - Nature Center	\$0	\$0	\$0	\$50,000	\$0.00	\$0.00
<u>Historic Village</u>						
Historic Green Dev	-	-	\$12,800	\$45,000	\$50,000	-
General Repairs	\$26,926	-	\$33,700	\$203,000	\$25,000	\$25,000
Total - Historic Village	\$26,926	\$0.00	\$46,500	\$248,000	\$75,000	\$25,000
Total - Parks & Recreation	\$26,926	\$82,500	\$267,500	\$1,111,500	\$988,000	\$445,000

Aquatic Division and Golf Division Budgets

Table 11: Aquatic Division Expenditures and Revenues					
Activity	2014 Estimated	2014 Amended	2015 Proposed	2016 Proposed	2017 Proposed
Total Aquatics Center Revenue	580,400	580,500	593,500	596,500	601,500
Operating Expenditures	406,400	402,800	388,500	448,530	450,500
Capital Expenditures	57,820	226,000	88,000	65,000	85,000
Total Aquatics Center Expenditures	\$464,220	\$628,800	\$476,500	\$513,530	\$535,500
Fund Total: Sanctuary Lake	\$171,404	\$288,700	\$360,324	\$312,771	\$312,771
Table 12: Golf Division Expenditures and Revenues					
Total Sanctuary Lake Revenue	\$1,329,782	\$1,478,300	\$1,500,500	\$1,522,900	\$1,522,900
Operating Expenditures	1,052,178	1,189,600	1,140,176	1,210,129	1,210,129
Capital Expenditures	\$106,200	-	-	-	-
Total Sanctuary Lake Expenditures	\$1,158,378	\$1,189,600	\$1,140,176	\$1,210,129	\$1,210,129
Fund Total: Sanctuary Lake	\$171,404	\$288,700	\$360,324	\$312,771	\$312,771
Total Sylvan Glen Revenue	1,121,474	1,260,600	1,278,403	1,293,801	1,293,801
Operating Expenditures	1,049,339	1,063,600	1,099,719	1,107,038	1,107,138
Capital Expenditures	104,000	224,400	-	-	-
Sylvan Glen Expenditures	\$1,153,339	\$1,288,000	\$1,099,719	\$1,107,038	\$1,107,138
Fund Total: Sylvan Glen	(\$31,865)	(\$27,400)	\$178,684	\$186,763	\$186,663

Aquatics Division Operating Budget History



Parks Classification System

The Troy Department of Public Works Parks Division manages more than 900 acres of parkland including 17 existing parks. Parks range in size from 1.75 to 96 acres and contain a variety of amenities. The Recreation Department manages two golf courses, the Troy Community Center, and the Troy Family Aquatic Center. Sylvan Glen and Sanctuary Lake golf courses are 143 and 200 acres respectively. The following Summary of Municipal Recreation Resources table and Parks and Recreation Facilities Map summarize the system of Parks and Recreation facilities in Troy.

For recreation planning purposes it is useful to categorize parks based on their use potential, these standards are derived from the National Recreation and Park Association (NRPA). For the purposes of this plan, parks are classified as follows:

Mini Park

General Description – Used to address limited, isolated or unique recreational needs. Parks that serve a concentration, limited population, or specific group of people.

Service Area – Less than ¼ mile distance in residential setting.

Size Criteria – Between 2500 square feet and one acre in size.

Neighborhood Park

General Description – The neighborhood park remains the basic unit of the park system and serves as the recreational and social focus of the neighborhood. These parks should be easily accessible to the neighborhood with safe walking and bike access.

Service Area – ¼ to ½-mile distance and uninterrupted by non-residential roads and other physical barriers.

Size Criteria – Small neighborhood parks should be between 1 and 4.99 acres in size, while large neighborhood parks should be 5 to 10 acres in size.

Community Park

General Description – Serves a broader purpose than neighborhood parks. Focus is on meeting community-based recreation needs, as well as preserving unique landscapes and open spaces.

Service Area – Determined by the quality and suitability of the site. Usually serves two or more neighborhoods or subdivisions and a 1 to 2 mile radius.

Size Criteria – As needed to accommodate desired uses. Approximately 30 to 50 acres.

Special Purpose Park

General Description – Covers a broad range of parks and recreation facilities oriented toward single-purpose use, such as historic preservation or downtown open space.

Service Area – Variable; dependent on specific use. No applicable standard

Size Criteria – Variable.

Urban Green Space

General Description – Generally lands set aside for preserving drainage corridors, wetlands, or other significant community natural resource areas.

Service Area – Variable.

Size Criteria – Variable.

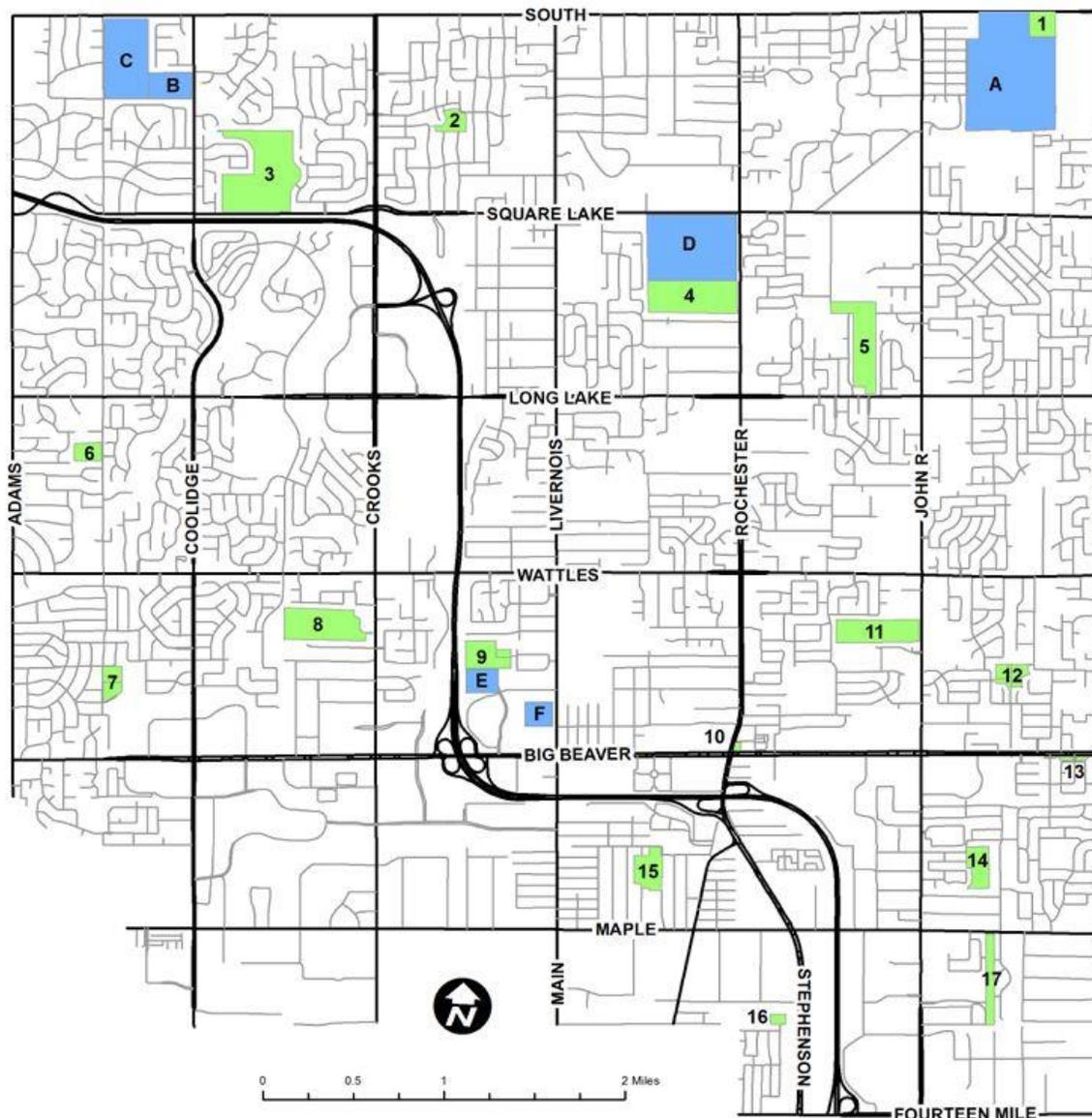
Source:

(1) National Parks and Recreation Association Classifications and Standards.

(2) Village of Menomonee Falls 2011-2015 Comprehensive Outdoor Recreation Plan, pg. 5(1) – 5(4).



Map 2: City of Troy Parks & Recreation Facility Location Map



Existing Parks

1. Donald J. Flynn Park
2. North Glen Park
3. Firefighters Park
4. Sylvan Glen Lake Park
5. Jaycee Park
6. Beach Road Park
7. Schroeder Park
8. Boulan Park
9. Phillip J. Huber Park
10. Gateway Park
11. Raintree Park
12. Beaver Trail Park
13. Big Beaver Road Park
14. Brinston Park
15. Robinwood Park
16. Redwood Park
17. Milverton Park

Recreation Facility Sites

- A. Sanctuary Lake Golf Course
- B. Lloyd A. Stage Nature Center
- C. Troy Farm
- D. Sylvan Glen Golf Course
- E. Troy Family Aquatic Center
- F. Troy Community Center



Parks and Recreation Inventory

Table 13: Summary of Municipal Recreation Resources

		<i>Flynn Park</i>	<i>North Glen Park</i>	<i>Firefighters Park</i>	<i>Sylvan Glen Park</i>	<i>Jaycee Park</i>	<i>Beach Road</i>	<i>Schroeder Park</i>	<i>Boulah Park</i>	<i>Huber Park</i>	<i>Gateway Park</i>	<i>Raintree Park</i>	<i>Beaver Trail Park</i>	<i>Big Beaver Rd Park</i>	<i>Brinston Park</i>	<i>Robinwood Park</i>	<i>Redwood Park</i>	<i>Milverton Park</i>	Total	
Park Number		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
Amenity	Unit of Measurement																			
Restroom Facilities	Each	2	0	2	0	4	0	0	4	0	0	2	0	0	2	0	0	1	17	
Concession Area	Each	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	3	
Drinking Fountain	Each	1	0	2	0	0	0	0	3	0	0	2	0	0	2	0	0	2	12	
Bar-B-Que	Each	0	0	1	0	0	0	0	2	0	0	1	0	0	1	0	0	0	5	
Picnic Shelters	Each	0	0	1	0	1	0	0	2	0	0	1	0	0	1	2	1	1	10	
Paved Pathway	Linear Feet	0	0	0	0	0	110	0	6498	0	1758	0	3342	2086	1093	5280	75	2878	23120	
Un-Paved Pathway	Linear Feet	0	2200	0	748	0	0	130	0	6864	0	0	376	0	0	0	0	0	10318	
Playscape Features	Each	1	0	1	0	0	1	0	2	0	0	2	1	0	1	2	1	0	12	
Swing Set Apparatus	Each	0	0	2	0	0	2	0	2	0	0	2	2	0	2	2	2	2	18	
5 v 5 Soccer Fields	Each	0	0	0	0	2	0	2	0	0	0	0	0	0	4	0	0	0	8	
6 v 6 Soccer Fields	Each	0	0	8	0	8	0	0	6	0	0	0	0	0	0	0	0	0	22	
8 v 8 Soccer Fields	Each	0	0	4	0	1	1	0	0	0	0	2	0	0	2	0	0	0	10	
11 v 11 Soccer Fields	Each	0	0	9	0	1	0	0	3	0	0	0	0	0	0	0	0	0	13	
Football Field	Each	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Football Practice Field	Each	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	
Baseball Field	Each	4	0	1	0	2	1	0	3	1	0	1	0	0	2	0	1	0	16	
Lacrosse Field	Each	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
Lacrosse Practice Field	Each	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
Tennis Court	Each	0	0	0	0	0	0	0	8	8	0	0	0	0	2	0	0	0	18	
Basketball Court	Each	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	3	
Volleyball Court	Each	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sand Volleyball Court	Each	0	0	2	0	1	0	0	2	0	0	1	0	0	0	1	0	0	7	
Disc Golf Course	Holes	0	0	18	0	0	0	0	0	0	0	9	0	0	0	0	0	0	27	
Exercise Course	Stations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20	
Skate Boarding Course	Stations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

City of Troy Parks

Name: **1. Donald J. Flynn Park**

Location: Southwest corner of South Boulevard and Dequindre, in Section 1 (1710 E. South Blvd.).

Area: 25 acres.

Designation: Community Park.

Amenities: Four lighted ball diamonds, barrier-free play structure, restrooms and a seasonal concession stand. Parking for 285 vehicles

Name: **2. North Glen Park**

Location: North of Square Lake Road on Elmoor and Herbmooor Streets, between Livernois and Crooks Roads, in Section 4 (6500 Elmoor).

Area: 10.4 acres.

Designation: Urban Green Space

Amenities: North Glen Park is an undeveloped, heavily wooded park surrounded by residential areas. There are no parking facilities, or other amenities. Site is accessible only by unmaintained dirt pathways, which cross the woods.

Name: **3. Firefighters Park**

Location: Square Lake Road, between Crooks Road and Coolidge Highway, in Section 5 (1800 W. Square Lake).

Area: 96 acres.

Designation: Community Park.

Amenities: Firefighters Park hosts a variety of active and passive recreation facilities, including nine soccer fields, two multi-purpose fields, one ball diamond, two sand volleyball courts, picnic shelter, 18-hole disc golf course, barrier-free play equipment and swings, restroom and seasonal concession stand, and parking for 375 vehicles. This park also contains a lake, allowing shore fishing. No boating or swimming is allowed in the lake.

Name: **4. Sylvan Glen Lake Park**

Location: Rochester Road between Square Lake and Long Lake Roads, south of and adjacent to Sylvan Glen Golf Course, in Section 10 (5501 Rochester Road).

Area: 40 acres.

Designation: Community Park.

Amenities: Sylvan Glen Lake Park includes a 16-acre lake, 10 acre wooded area with natural pathways, picnic tables and parking for 16 vehicles. Shore fishing is allowed at the lake. Boating and swimming are prohibited.

Name: **5. Jaycee Park**

Location: Long Lake Road between Rochester and John R Roads, in Section 11 (1755 E. Long Lake Rd.).

Area: 45 acres.

Designation: Community Park.

Amenities: The recreational facilities offered in Jaycee Park include two ball diamonds, three soccer fields plus six seasonal soccer fields, two sand volleyball courts, two barrier-free play structures, swing set, two restroom buildings and one reservable picnic shelter. Parking is provided for 200 vehicles.

Name: **6. Beach Road Park**

Location: On the west side of Beach Road between Long Lake Road and Wattles Road, in Section 18.

Area: 10 acres.

Designation: Neighborhood Park.

Amenities: Beach Road Park consists of one ball diamond, one practice soccer field, play equipment and swings. This park can also accommodate up to 37 vehicles in its paved parking lot.

Name: *7. Schroeder Park*
Location: Located adjacent to Schroeder Elementary School, between Coolidge Highway and Beach Road and between Big Beaver and Wattles Roads, in Section 19 (3500 Beach Rd.).
Area: 12 acres.
Designation: Neighborhood Park.
Amenities: Schroeder Park consists of 10 acres of woods with natural pathways throughout, and two soccer fields. The site is adjacent to Schroeder Elementary which also maintains a ball diamond and play equipment. Schroeder Park has no parking.

Name: *8. Boulan Park*
Location: West off of Crooks Road between Big Beaver and Wattles Roads, in Section 20 (3671 Crooks Rd.).
Area: 53 acres.
Designation: Community Park.
Amenities: One of Troy’s major community parks, Boulan Park offers a wide variety of recreation facilities, including three ball diamonds (two lighted), eight lighted tennis courts, four full-sized soccer fields, two sand volleyball courts, two barrier free play structures and swing set. Boulan Park also has two reservable picnic shelters, over a mile of asphalt walking path, two restroom buildings and seasonal concession stand. Parking is available for up to 450 vehicles.



Name: *9. Phillip J. Huber Park*
Location: In the Civic Center, adjacent to the Troy Family Aquatic Center – north of Big Beaver Road and west of Livernois, in Section 21 (3500 Civic Center Drive).
Area: 20 acres.
Designation: Community Park.
Amenities: Huber Park features a 1.3-acre natural fitness trail, eight lighted tennis courts, and a picnic area. The courts are privately operated and covered in fall, winter and spring. The property is heavily wooded. Ample parking is available at the tennis courts, Aquatic Center and nearby Troy Community Center. Restrooms and drinking fountains are available at the Aquatic Center during summer operating hours.

Name: *10. The Gateway Park*
Location: On the northeast corner of Big Beaver and Rochester Road, in Section 23.
Area: 1.75 acres
Designation: Mini Park
Amenities: The Gateway Park offers a connecting lighted sidewalk to Big Beaver and Rochester Road. The park has several benches and bicycle racks for pedestrians. During the summer months, the retention pond has a lighted fountain that can be enjoyed by pedestrians and passing motorists. The Gateway Park has no designated parking.

Name: *11. Raintree Park*
Location: On John R between Big Beaver and Wattles Roads, in Section 23 (3775 John R. Rd.).
Area: 41 acres.
Designation: Community Park.
Amenities: Raintree Park boasts a 9-hole disc golf course, one ball diamond, two seasonal soccer fields, two barrier-free play structures, a swing set, sand volleyball court, restrooms and reservable picnic shelter. Parking is also available for 126 vehicles.



Name: *12. Beaver Trail Park*
Location: East of John R between Big Beaver Road and Wattles Road, in Section 24. Pedestrian park access from both Pasadena and Avalon (3458 Pasadena).
Area: 7 acres.
Designation: Neighborhood Park.
Amenities: Beaver Trail Park is characterized as a pedestrian friendly park with asphalt walking path throughout open space and natural walking path through the wooded area. This park also contains picnic tables, play structure, and swings.

Name: *13. Big Beaver Road Park*
Location: At Big Beaver and Dover, west of Dequindre, in Section 25.
Area: 4 acres.
Designation: Mini Park.
Amenities: Big Beaver Road Park provides a connecting sidewalk along Thames Drive.



Name: *14. Brinston Park*
Location: End of Brinston Road, east off John R between Maple Road and Big Beaver Road, in Section 25 (2262 Brinston).
Area: 18 acres.
Designation: Community Park.
Amenities: Brinston Park offers a wide variety of recreational opportunities including two ball diamonds, two soccer fields, barrier-free play equipment and swings, basketball court, two tennis courts, reservable picnic shelter that can accommodate up to 150 people, restrooms and paved parking for up to 110 vehicles.

Name: *15. Robinwood Park*
Location: On Robinwood Street, west of Rochester Road between Maple and Big Beaver Roads, in Section 27 (640 Robinwood).
Area: 18 acres.
Designation: Neighborhood Park.
Amenities: Robinwood Park is largely open space and tree cover with a mile of asphalt walking path, two barrier-free play structures, swings and two small picnic shelters. There is no parking at this site, although parking is available at Morse Elementary, across the street.

Name: *16. Redwood Park*
Location: Accessible from 14 Mile Road between Stephenson Highway and Rochester Road. Turn north on Lyon and left at Redwood. Follow Redwood to the park. Located in Section 35 (750 Redwood).
Area: 3 acres.
Designation: Neighborhood Park.
Amenities: Although the smallest of the City parks, Redwood offers a ball diamond, basketball court, barrier-free play equipment and swings, a small picnic shelter and parking for eight vehicles.

Name: *17. Milverton Park*
Location: South of Maple Road, between Milverton and Leafgreen, section 36 (2384 E. Maple).
Area: 15 acres.
Designation: Community Park.
Amenities: Milverton Park is long and narrow, measuring approximately 250' wide by a half mile long. It is intersected by the Spencer Drain and contains a wooded wetland area as well as significant open space. The Park includes a shelter, restrooms, climbing boulders, exercise equipment, three-quarter mile long walking path, and paved parking.

Name: *C. Troy Farm*
Location: The Troy Farm is located on South Boulevard at Beach Road, in Section 6 (3305 South Blvd.).
Area: 71 acres.
Designation: Special Use Facility
Amenities: The Troy Farm is an historic farm located in the northern portion of the site. A farmhouse, constructed in 1898 and two barns, built between 1826 and 1830 also grace the site. The Senior Gardens with 86 gardening plots, four of which are raised beds, available to Troy seniors are located near the barns. There is gravel parking for 20 vehicles.

Municipal Recreation Facilities

Name: *A. Sanctuary Lake Golf Course*
Location: South Boulevard between Dequindre and John R, in Section 1. The site is adjacent to Flynn Park (1450 E. South Blvd.).
Area: 200 acres.
Designation: Special Use Facility.
Amenities: Sanctuary Lakes Golf Course is an 18-hole municipal golf course. The course has a bar and grill operated by a contracted vendor, pro shop, driving range, and paved parking for 207 vehicles.

Name: *B. Lloyd A. Stage Nature Center*
Location: Main entrance to Stage Nature Center is on the west side of Coolidge Highway, between Square Lake Road and South Boulevard (6685 Coolidge).
Area: 23 acres.
Designation: Special Use Facility.
Amenities: The Stage Nature Center provides residents with the opportunity to learn about and enjoy the natural environment, offering nature-oriented facilities and programming, passive recreation areas, the Nature Center building, nature trails, pond, picnic area, and a wooded area. Paved parking is available for 64 vehicles. Programs and building activities are operated by the Troy Nature Society.



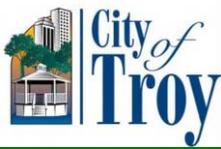
Senior Gardens at the Troy Farm

Name: *D. Sylvan Glen Golf Course*
Location: Southwest corner of Rochester Road and Square Lake Road, in Section 10 (5725 Rochester Rd.).
Area: 143 acres.
Designation: Special Use Facility.
Amenities: Sylvan Glen Golf Course is a 143-acre, eighteen hole municipal golf course. The course has a pro shop and a privately operated restaurant (Camp Ticonderoga). A paved parking lot with 421 spaces serves the facility.

Name: *E. Troy Family Aquatic Center*
Location: On the Civic Center site adjacent to Huber Park and the Tennis Bubble, in Section 21 (3425 Civic Center Dr.).
Area: 4 acres.
Designation: Special Use Facility.
Amenities: The Troy Family Aquatic Center is an outdoor special use facility open from Memorial Day weekend to Labor Day. Amenities include a main pool with zero-depth entry, three water slides (one for children under ten), two spray pools, waterfall, two sand volleyball courts, play equipment area, and concession stand.



Name: *F. Troy Community Center*
Location: On the Civic Center site, on the west side of Livernois, north of Big Beaver and south of Town Center Drive, in Section 21 (3179 Livernois Rd.).
Area: 12 acres.
Designation: Recreation Facility - Community Center.
Amenities: Interior - This facility houses the Recreation Department offices, as well as an indoor pool, fitness room, gymnasium with two full-size basketball courts, locker rooms, aerobics and dance studios, drop off child care center, game room, teen room, pre-school rooms, and meeting and banquet rooms. In addition, there are a variety of amenities for seniors including a reading room, computer lab, and store offering senior craft items for sale.
 Exterior - There are a total of 528 parking spaces serving the Community Center building.



Parks and Recreation Inventory

School Facilities

As in many communities in Michigan, the local school districts provide a valuable resource of facilities and programs for local community recreation. The Troy School District operates twelve elementary, four middle and two high schools within the City. These schools occupy about 390 acres of land. In addition to the schools, the Troy School District has other properties in the City, including the Niles Continuing Education Building, the Administration Building, a bus garage, and several vacant properties.

The Troy School District encompasses most of the City, but small segments along its perimeter are served by six other school districts. Two of these school districts, Birmingham School District and Warren Consolidated Schools, have elementary schools in Troy.

School sites are designed and maintained chiefly to meet the recreation needs of the children during school hours. However school facilities also provide recreation opportunities normally found in neighborhood parks for the general public. In sections that do not have a municipal park, the school site serves as a surrogate park. Schools also have indoor facilities that are available to the public on a restricted basis.

Troy School District Schools

Name: **Hamilton Elementary School**
Location: South of I-75, on west side of Northfield Parkway, in Section 8.
Area: 20 acres.
Amenities: One ball diamond, one soccer field, two basketball courts, tetherball, playground, walking path, and combined cafeteria/gymnasium.

Name: **Charles B. Martell Elementary School**
Location: East side of Livernois, south of Square Lake, in Section 10.
Area: 30 acres.
Amenities: Three ball diamonds, soccer field, asphalt play area, tetherball, playground, walking path, and combination cafeteria/gymnasium.

Name: **Troy Union Elementary School**
Location: South of Square Lake, east of Rochester, in Section 11.
Area: 30 acres.
Amenities: One soccer field, two basketball courts, walking path, playground, and combined cafeteria/gymnasium.

Name: **Wass Elementary School**
Location: North of Long Lake, west of Dequindre, in Section 12.
Area: 21.5 acres.
Amenities: Two soccer fields, two ball diamonds, two basketball half-courts, asphalt play area, tetherball, playground, walking path, and combined cafeteria/gymnasium.

Name: **Hill Elementary School**
Location: South of Long Lake, west of Dequindre, in Section 13.
Area: 12 acres.
Amenities: One ball diamond, two basketball courts, walking path, asphalt play area, tetherball, playground, and gymnasium.

Name: **Costello Elementary School**
Location: East of Rochester, south of Long Lake, in Section 14.
Area: 23 acres.
Amenities: Two soccer fields, two ball diamonds, three basketball half-courts, tetherball, playground, walking path, and combined cafeteria/gymnasium.

Name: *Leonard Elementary School*
Location: East of Livernois, north of Wattles, in Section 15.
Area: 30 acres.
Amenities: One soccer field, one ball diamond, two basketball courts, tetherball, playgrounds, walking path, gymnasium and nature area.

Name: *Schroeder Elementary School*
Location: West of Coolidge, north of Big Beaver, in Section 19.
Area: 10 acres.
Amenities: One soccer field, one ball diamond, two basketball courts, asphalt play area, tetherball, playground, walking path, and combined cafeteria/gymnasium.

Name: *Bemis Elementary School*
Location: East of Coolidge, south of Wattles, in Section 20.
Area: 14 acres.
Amenities: Multi-purpose field, two ball diamonds, two basketball courts, asphalt play area, tetherball, playgrounds, walking path, and combined cafeteria/gymnasium.

Name: *Wattles Elementary School*
Location: South of Wattles, east of Livernois, in Section 22.
Area: 14.9 acres.
Amenities: One soccer field, two ball diamonds, two basketball half-courts, asphalt play area, playgrounds, walking path, and combined cafeteria/gymnasium.

Name: *Barnard Elementary School*
Location: West side of John R, south of Wattles, in Section 24.
Area: 17.3 acres.
Amenities: Two ball diamonds, four basketball half-courts, asphalt play area, playground, walking path, and combined cafeteria/gymnasium.



Name: *Morse Elementary School*
Location: West of Rochester, south of I-75, in Section 27.
Area: 9 acres.
Amenities: One soccer field, one ball diamond, two basketball courts, asphalt play area, tetherball, playgrounds, walking path, picnic area, and gymnasium.

Name: *Smith Middle School*
Location: West side of Livernois, south of Square Lake, in Section 10.
Area: 20 acres.
Amenities: Football field, two ball diamonds, running track, four tennis courts, cafeteria, gymnasium and indoor pool.

Name: *Larson Middle School*
Location: East side of John R, south of Long Lake, in Section 13.
Area: 32 acres.
Amenities: Two soccer fields, three ball diamonds, running track, football field, four tennis courts, indoor pool, cafeteria, and gymnasium.

Name: *Boulan Park Middle School*
Location: West of Crooks, south of Wattles, in Section 20.
Area: 16 acres.
Amenities: One soccer field, one multi-purpose field, running track, cafeteria, gymnasium, and indoor pool.

Name: ***Baker Middle School***
Location: North of Big Beaver, west of Rochester, in Section 23.
Area: 38 acres.
Amenities: One ball diamond, football field, running track, four tennis courts, two basketball half-courts, cafeteria, gymnasium and indoor pool, and a full-size gymnasium.

Name: ***Troy Athens High School***
Location: West side of John R, north of Wattles, in Section 14.
Area: 50 acres.
Amenities: Two soccer fields, two softball diamonds, two baseball diamonds, football field, multi-purpose field, eight lane running track, eight tennis courts, two gymnasiums, indoor pool, indoor track, sports deck and auditorium.

Name: ***Troy High School***
Location: South of Long Lake, west of Northfield Parkway, in Section 17.
Area: 75 acres.
Amenities: Two softball diamonds, two baseball diamonds, one multi-use field, stadium, eight lane running track, eight tennis courts, wooded area, two gymnasiums, swimming pool, auditorium, and meeting rooms.

Name: ***Niles Continuing Education Center***
Location: South side of Square Lake, west of Livernois, in Section 9.
Area: 13.6 acres.
Amenities: One ball diamond, playground, and two soccer fields.

Name: ***International Academy East***
Location: North of Big Beaver, west of Rochester, in Section 23.
Area: See Baker Middle School.
Amenities: See Baker Middle School.

Other Schools

Name: ***Pembroke Elementary School***
(Birmingham School District)
Location: South of Big Beaver, east of Adams, in Section 30.
Area: 10 acres.
Amenities: Two ball diamonds, one soccer field, three basketball half-courts, asphalt play area, playgrounds, tot lot and picnic area.

Name: ***Susick Elementary School***
(Warren Consolidated School District)
Location: West of Dequindre, south of Big Beaver, in Section 25.
Area: 12 acres.
Amenities: One ball diamond, two basketball half-courts, asphalt play area, multi-purpose field and a playground.

Name: ***Brookfield Academy*** *(private school)*
Location: Southeast corner of Wattles and Livernois, in Section 22.
Area: 3.4 acres.
Amenities: Playground and picnic area.

Name: ***Bethany Christian School*** *(private school)*
Location: West of John R, south of Big Beaver, in Section 26.
Area: 9 acres.
Amenities: Two ball diamonds, two soccer fields, playground and picnic area.



NON-PUBLIC RECREATIONAL FACILITIES

Private Facilities

Private recreation developments are important because they can relieve the demand and use pressures on public facilities. These include for-profit and non-profit facilities and clubs and can address a wide range of interests. For this reason the following inventory of private facilities has been included in the Plan.

**TABLE 14:
PRIVATE RECREATIONAL FACILITIES**

FACILITY NAME	FACILITY TYPE	ADDRESS
Bowl One	Bowling Center	1639 E. 14 Mile
Thunderbird Lanes	Bowling Center	400 W. Maple
Troy Lanes	Bowling Center	1950 E. Square Lake
Troy Elks Club	Community Club	2549 Elliott Drive
Clayton Academy of Dance	Dance Studio	3527 Rochester
Juliart Dance Studios	Dance Studio	6036 Rochester
Link School of the Arts	Dance Studio	1077 Rankin
Troy Dance Studio	Dance Studio	4963 Rochester
Renaissance Fencing Club	Fencing Club	408 Oliver Street
Curves for Women	Fitness Center	120 W. Maple
Fit Zone for Women	Fitness Center	4924 John R. Rd.

FACILITY NAME	FACILITY TYPE	ADDRESS
LA Fitness	Fitness Center	710 E. Big Beaver
Lifetime Fitness	Fitness Center	4700 Investment
Peak Physique Fitness Training	Fitness Center	6044 Rochester
Planet Fitness	Fitness Center	1639 E. 14 Mile
Power House Gym	Fitness Center	2585 Livernois
Boys and Girls Club of Troy	Gymnasium, playground	3670 John R
Troy Gymnastics	Gymnastics Facility	1600 W. Maple
Troy Sports Center	Ice Rinks (4), Training Center and Dance Studio	1819 E. Big Beaver
Kils Taekwondo	Martial Arts Center	1881 W. South Blvd.
Krav Maga Detroit	Martial Arts Center	950 W. Maple Rd Ste D
Taekwondo USA	Martial Arts Center	2903 E. Big Beaver
Troy Black Belt Academy	Martial Arts Center	5939 John R
Skate World of Troy	Roller Skating Rink	2825 E. Maple
Troy Swim Club	Swimming Pool	538 E. Long Lake
Troy Racquet Club	Tennis Courts	3400 Civic Center Drive
Bikram Yoga	Yoga Center	2559 Livernois
Padmakshi Yoga	Yoga Center	1640 Axtell Drive

Churches

In addition to these facilities, there are over fifty churches in Troy, many of which provide indoor or outdoor recreational opportunities to Troy families.

Subdivision Open Space Areas

Many subdivision developments in Troy have open space common areas. These areas provide passive leisure pursuits and add to the aesthetic quality of the neighborhood. Subdivision open space area in Troy encompasses approximately 250 acres of land. They typically consist of open grassy areas with trees and wetland areas, although some contain basic recreational facilities such as playgrounds and ball diamonds. They provide passive recreational opportunities and assist in alleviating demand for public parks.

Apartments and Condominium Facilities

Most apartment and condominium developments in Troy have some recreational facilities to serve the needs of the residents. The most common types of facilities provided in these residential complexes are oriented toward adults, such as outdoor pools, clubhouses and tennis courts. Some complexes have playgrounds. The Somerset Park Apartments complex includes a 9-hole golf course, tennis courts, playground, community center and outdoor pools. These recreational facilities address the recreational needs of the residents and alleviate the need for public recreational facilities in the neighborhood.

Gateways and Corridors

Gateways and Corridors provide passive recreation opportunities. The Big Beaver Corridor features sidewalks on both sides, plus a landscaped boulevard. Beach Road is a scenic parkway that includes sidewalks in some areas. Sections of major thoroughfares in Troy have sidewalks on one or both sides of the road.

Cemeteries

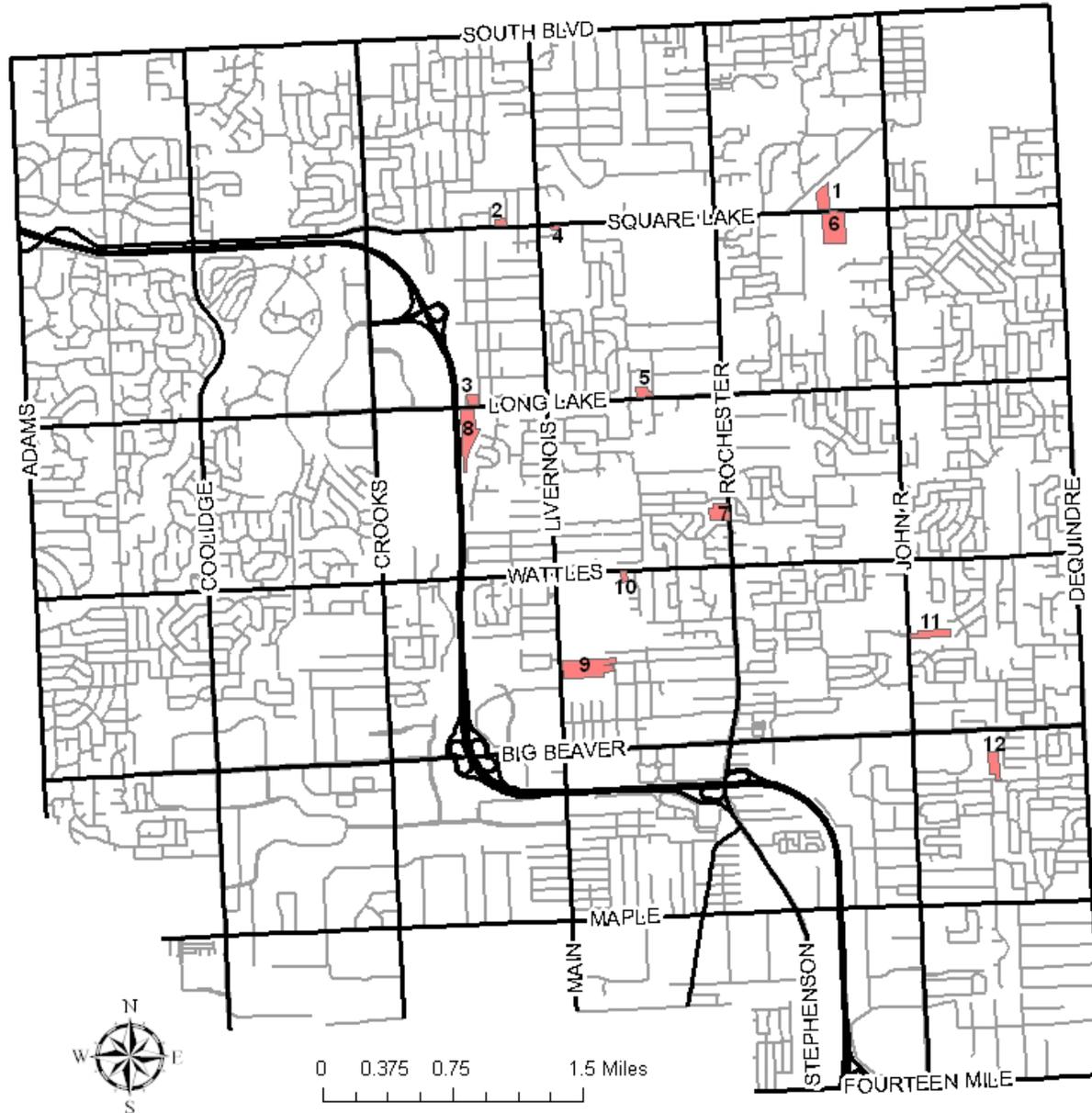
Cemeteries provide passive open space and historical and cultural educational opportunities.

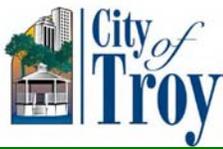
Troy has four publicly-owned cemeteries:

- Troy Union Corners Cemetery, 1199 E. Square Lake Road
- Crooks Road Cemetery, 3701 Crooks Road
- Beach Road Cemetery, 5360 Beach Road
- Perrin Cemetery, 1050 Coolidge Highway



Map 3: City of Troy Undeveloped Parks





Parks and Recreation Inventory

City of Troy Undeveloped Parks

The City of Troy 2007-2012 Parks and Recreation Plan included 12 parcels designated as “Undeveloped Parks.” During the 5-year plan period, three of these parcels were developed into City parks while the remaining nine parcels remain undeveloped. In addition to the nine parcels that were included in the former plan, three additional pieces of land were purchased for park development, equating to the following twelve pieces of undeveloped park property.

As a result of financial realities and limited funds for park development going forward, the City will seek direction regarding the best utilization of these twelve pieces of land for the betterment of the City.

Site #1

Parcel #: 88-20-02-451-010
 Location: Section 2, north of Square Lake/Willow Grove, west of Kensington Church
 Area: 6.5 acres

Site #2

Parcel #: 88-20-04-476-011 & 012
 Location: Section 4, north of Square Lake/Willow Grove, west of Livernois
 Area: 1.7 acres

Site #3

Parcel #: 88-20-09-451-014, 015, 016 & 017
 Location: Section 9, north of Long Lake East of I-75.
 Area: 2.48 acres

Site #4

Parcel #: 88-20-10-101-004
 Location: Section 10, on Square Lake East of Livernois.
 Area: .70 acres

Site #5

Parcel #: 88-20-10-452-010, 007 & 014
 Location: Section 10, on Long Lake between Livernois and Rochester.
 Area: 3.04 acres

Site #6

Parcel #: 88-20-11-201-029
 Location: Section 11, south of Square Lake between Rochester and John R.
 Area: 14.6 acres

Site #7

Parcel #: 88-20-15-426-053 & 054
 Location: Section 15, on Rochester between Long Lake and Wattles
 Area: 5.02 acres

Site #8

Parcel #: 88-20-16-200-026
 Location: Section 16, south of Long Lake east of Livernois.
 Area: 14.12 Acres

Site #9

Parcel #: 88-20-22-301-011
 Location: Section 22, east of Livernois between Wattles and Big Beaver
 Area: 18.9 acres

Site #10

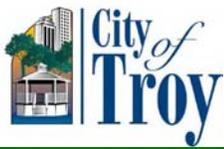
Parcel #: 88-20-22-101-041
 Location: Section 22, on Wattles between Livernois and Rochester
 Area: 1.4 acres

Site #11

Parcel #: 88-20-24-100-041
 Location: Section 24, east of John R. between Wattles and Big Beaver.
 Area: 6.13 acre

Site #12

Parcel #: 88-20-25-126-018
 Location: Section 25, south of Big Beaver and east of John R.
 Area: 5.82 acres



Parks and Recreation Inventory

Regional Recreational Opportunities

There are a number of public agencies in the region that provide recreational opportunities to residents. Troy is located in Oakland County but borders Macomb County along its eastern boundary. Given this proximity, it is important to consider Macomb County when determining regional recreational opportunities.

State of Michigan Parks

The Michigan Department of Natural Resources (MDNR) is committed to the conservation, protection, management, use and enjoyment of the State's natural and cultural resources for current and future generations. Given Troy's location, State parks in Oakland, Macomb, and Wayne Counties provide a wide range of passive and active recreational opportunities to residents, including hiking, biking, fishing and boating. There are currently 11 State parks in Oakland, Macomb, and Wayne Counties:

- Name: ***Bald Mountain Recreation Area***
 County: Oakland
 Location: 1330 E. Greenshield Road
 Lake Orion, MI 48360
 Area: 4637 acres.
- Name: ***Dodge #4 State Park***
 County: Oakland
 Location: 4250 Parkway Drive
 Waterford, MI 48327
 Area: 139 acres.
- Name: ***Highland Recreation Area***
 County: Oakland
 Location: 5200 Highland Road
 White Lake, MI 48383
 Area: 5903 acres.
- Name: ***Holly Recreation Area***
 County: Oakland
 Location: 8100 Grange Hall Road
 Holly, MI 48442
 Area: 7817 acres.

Table 15: State Park Recreation Amenities (Oakland, Macomb, Wayne)

	Bald Mountain Recreation Area	Dodge #4 State Park	Highland Recreation Area	Holly Recreation Area	Maybury State Park	Ortonville Recreation Area	Pontiac Lake Recreation Area	Proud Lake Recreation Area	Seven Lakes State Park	W.C. Wetzel State Recreation Area	William G. Milliken State Park & Harbor
Beach	x		x	x			x	x	x		
Boat Launch	x	x	x	x			x	x	x	x	
Cabins	x			x					x		
Concession/Store		x							x	x	
Fishing Pier		x									
Hunting	x		x	x			x	x	x	x	x
Nature Programs	x			x	x	x	x	x	x		
Picnic Area	x	x	x	x	x	x	x	x	x	x	x
Picnic Shelter	x	x	x	x	x	x	x	x	x	x	x
Playground	x	x			x	x	x	x	x	x	
Restrooms		x		x				x	x	x	x
Shooting Range	x						x	x			

Name: **Maybury State Park**
 County: Wayne
 Location: 20145 Beck Road
 Northville, MI 48167
 Area: 944 acres.

Name: **Ortonville Recreation Area**
 County: Oakland
 Location: 5779 Hadley Road
 Ortonville, MI 48462
 Area: 5400 acres.

Name: **Pontiac Lake Recreation Area**
 County: Oakland
 Location: 7800 Gale Road
 Waterford, MI 48327
 Area: 3745 acres.

Name: **Proud Lake Recreation Area**
 County: Oakland
 Location: 3500 Wixom Road
 Commerce Twp, MI 48382
 Area: 4700 acres.

Name: **Seven Lakes State Park**
 County: Oakland
 Location: 14390 Fish Lake Road
 Holly, MI 48442
 Area: 1434 acres.

Name: **W.C. Wetzel State Recreation Area**
 County: Macomb
 Location: 4732 River Rd.
 Marine City, MI 48039
 Area: 900 acres.

Name: **William G. Milliken State Park & Harbor**
 County: Wayne
 Location: 1900 Atwater Street
 Detroit, MI 48207
 Area: 25 acres.



Oakland and Macomb County Parks

While typically not as large as State parks, County parks also provide recreational opportunities for City residents. The following table lists the park facilities in Oakland and Macomb Counties:



Table 16: County Park Recreation Amenities (Oakland, Macomb)

Park	City	County	Size Acres	Amenities
Addison Oaks	Addison Twp	Oakland	1141	Includes 2 lakes and spring fed ponds, swimming, fishing and picnicing, camp sites with cabin rentals, beach with concession building, boat and bike rentals, biking and hiking trails, disc golf course, Buhl Lake Trail, and equestrian trail.
Catalpa Oaks	Southfield	Oakland	24	Includes 6 soccer fields, a baseball diamond, and softball field. Coming soon will be a concession/restroom facility, picnic shelter/pavilion, 2 playgrounds, utilities and infrastructure improvements.
Glen Oaks Golf Course	Farmington Hills	Oakland		18-hole golf course with pro shop and club room
Groveland Oaks	Holly Twp	Oakland	360	Includes beach, concessions and bathhouse building on Stewart Lake, boat and bike rentals, picnicing, mini golf course, playscape and skateboarding area, 363 capsites and cabin rentals.
Independence Oaks	Independence Twp	Oakland	1088	Includes Crooked Lake, picnicing, fishing, swimming, nature study, overnight camping area, nature and ski trails, multi-use pathway, boat launch (non-motorized) and boat rentals, picnic areas, ball field, sand volleyball courts, playground equipment and horseshoes pits, cross-country skiing, ski rental, ice skating, ice fishing, warming shelters and vending machines.
Lyon Oaks	Lyon Twp	Oakland	1043	Includes 800 acres of wetlands, fenced dog park, hiking trails, picnic shelter and playground, recreation fields, nature interpretive center and 18-hole golf course with driving range.
Orion Oaks	Orion Twp	Oakland	927	Includes 90-acre Lake Sixteen, 14-acre fenced dog park, boat launch, 10 miles of hiking and biking trails and wheelchair-accessible fishing dock and boardwalk.
Red Oaks	Madison Heights	Oakland	163	Includes a dog park, golf course, nature center, waterpark, and youth soccer complex.
Rose Oaks	Holly	Oakland	640	The park is undeveloped, but fishing, hiking, bicycling and equestrian use are allowed.
Springfield Oaks	Davisburg	Oakland	332	Includes the Springfield Oaks Golf Course, community garden, and historic Ellis Barn.
Waterford Oaks	Waterford	Oakland	185	Includes a waterpark, hiking trails, banquet facility, and greenhouse.
Freedom Hill County Park	Sterling Heights	Macomb	100	Includes an amphitheater, hiking and biking paths, nature trail, playscape, covered picnic shelters and pavilions.

Metroparks

The Huron-Clinton Metropolitan Authority is a regional special park district encompassing Wayne, Oakland, Macomb, Washtenaw and Livingston counties. It was sanctioned by the Michigan State Legislature in Act No.147 of the Public Acts of 1939, and was approved in 1940 by the residents of the five counties.

The Authority is responsible for management of the Metroparks, which are funded principally by a property tax levy, limited to one-quarter of one mill, and by revenues from vehicle entry fees and other user fees for various facilities such as golf courses.

Currently, 13 Metroparks covering almost 24,000 acres, serve about 9.5 million visitors annually. The Metroparks are located along the Huron and Clinton rivers, providing a greenbelt around the Detroit metropolitan area. Five of these parks are located near Troy, three in Macomb County (Wolcott Mill, Metro Beach and Stony Creek) and two in Oakland County (Kensington and Indian Springs). The following table summarizes the facilities at these five area Metroparks:

Park	Location	Size Acres	Amenities
Delhi	Ann Arbor	53	Picnicking, playgrounds, canoeing, fishing, softball diamonds
Dexter-Huron	Dexter	122	Picnicking, playgrounds, canoeing, fishing, softball diamond
Hudson Mills	Dexter	1549	Disc golf, picnicking, fishing, camping, cross-country skiing; courts for tennis, basketball, volleyball, and shuffleboard; 18-hole golf course, baseball / softball diamonds, playgrounds, hike-bike trail, nature trail; Activity Center with natural exhibits, interpretive programs, and rental equipment
Huron Meadows	Brighton	1540	Picnicking, fishing, ice fishing, cross-country skiing, boat rental, hiking trails, 18-hole golf course
Indian Springs	White Lake Twp	2215	Cross-country skiing, picnicking, sledding, "tot lot" playscape, paved hike-bike trail, 18-hole golf course, Environmental Education Center
Lake Erie	Brownstown Charter Twp	1607	Bird-watching, fishing, ice fishing, hiking, picnicking, sledding; basketball, tennis, and volleyball courts; wave action swimming pool, 18-hole golf course, museum and nature center, boat launches and marina, children's play area with a child-sized town
Lower Huron	Belleville	1258	Fishing, camping, canoeing, cross-country skiing, picnicking; ice skating, basketball, tennis, and volleyball courts; golf course, swimming pool with waterslide, hike-bike trails, self-guided nature trails
Kensington	Milford	4357	Disc golf, picnicking, bird-watching, canoeing, cross-country skiing, fishing ice fishing, camping, horseback riding, swimming, sledding and tobogganing, 18-hole golf course, nature center, farm learning center, beaches with boat rentals, paved bike-hike trail, fitness trail
Lake St. Clair Metro Beach	Harrison Twp	770	Hiking, biking, bird-watching, fishing, ice fishing, cross-country skiing, ice skating and ice-hockey, picnicking; tennis, shuffleboard, and volleyball courts; fitness trail; swimming at 1000 foot-long beach with bathhouse, beach stop, and food bar; spray park, boat launch and marina, boat shows, activity enter/facility for concerts and dancing, nature center
Oakwoods	Belleville	1756	Hiking, biking, bird-watching, fishing, horseback riding, canoeing, picnicking, nature center
Stony Creek	Rochester	4461	Hiking, biking, disc golf, fishing, ice skating, swimming, sledding, snowboarding, tobogganing, cross-country skiing, picnicking, canoeing, bird-watching, nature center, boat launch, fitness trail, 18-hole golf course, boat rental
Willow	Belleville	1531	Hiking, biking, cross-country skiing, disc golf, fishing, ice fishing, ice skating, sledding and tobogganing; basketball, tennis, shuffleboard, and volleyball courts; Olympic-sized swimming pool, tot lot, 18-hole golf course, boat rental
Wolcott Mill	Ray Twp	2625	Camping, hiking, horseback riding, 18-hole golf course, historic grist mill, farm learning center, activity building and picnic pavillion.

Regional Trail Systems

Oakland County Parks & Recreation (OCPR) and its partners, The Oakland Trails Advisory Council (OTAC), are teaming up to expand and coordinate a network of trails. OTAC envisions an interconnected trail system throughout the region for enjoyment of the outdoors and fitness activities. The OTAC group is represented by various partners involved in trails and pathways.

According to the Oakland County website, there are 72 miles of completed trails, 27 miles of trails in the planning, design and development stage, and 142 miles of trails under consideration in Oakland County. Macomb County has two trail systems totaling 39 miles in length. Most of the system is completed but some portions of the trail are unimproved. The following is a summary of the trail systems in the region:

The nearest trail system is the Clinton River Trail, which crosses Adams Road approximately 1.25 miles north of Troy's northern boundary at South Boulevard. The systems are interconnected, and comprise a network of approximately 80 miles of trails. The following map demonstrates Troy's proximity to this regional network of trails.

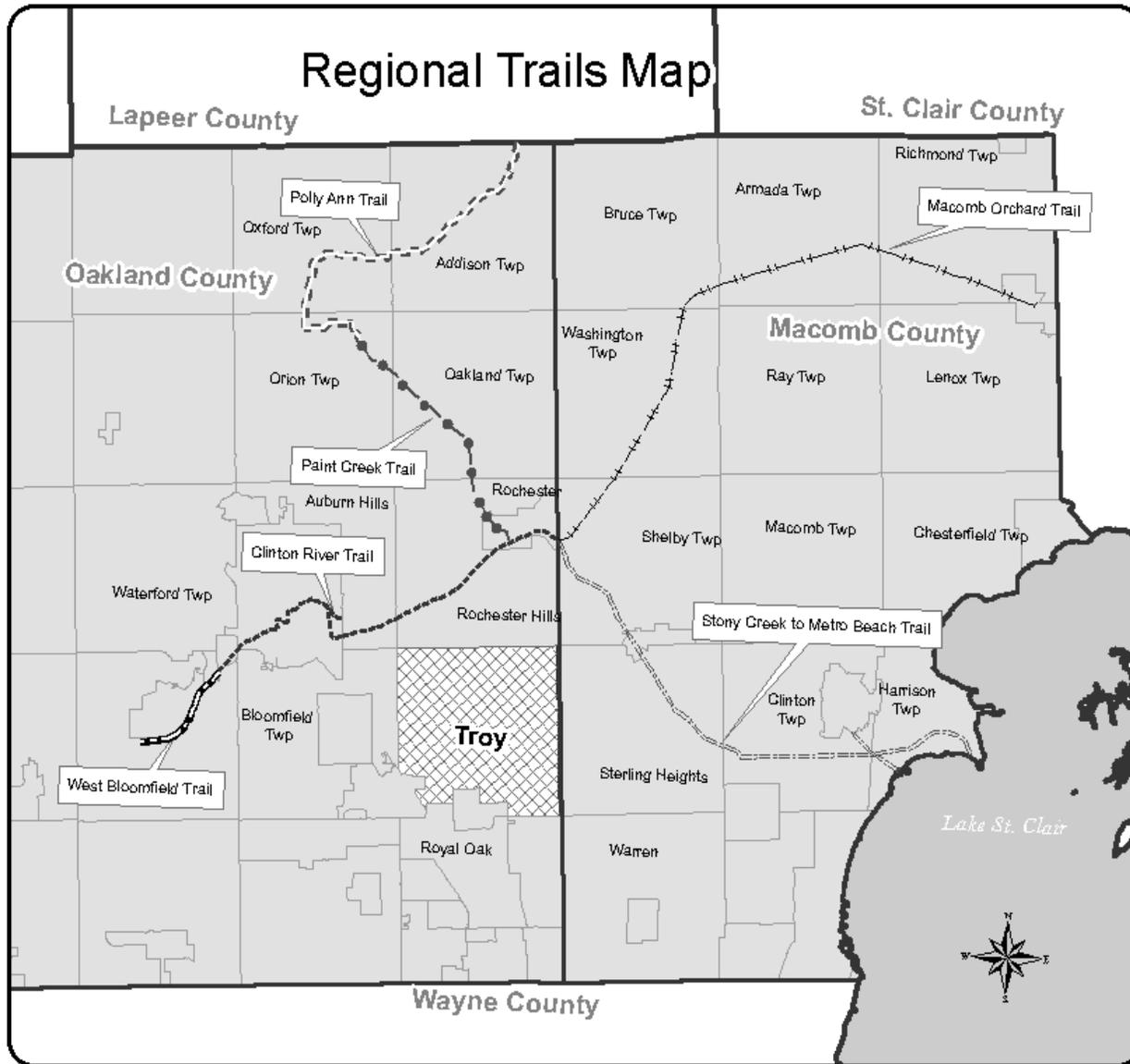
Troy has a relatively complete system of 8-foot wide sidewalks along the major thoroughfares and 5-foot wide sidewalks on many local streets. These paths are sidewalks and do not function as recreational trails. Some of the City parks feature trails, however linkages to adjacent properties are limited. There is not a system of recreational trails within Troy.

**TABLE 18:
REGIONAL TRAIL SYSTEMS**

Trail System	Communities	Trail Length
Clinton River Trail	Sylvan Lake, Pontiac, Auburn Hills, Rochester Hills, Rochester (Oakland County)	12 miles
Macomb Orchard Trail	Shelby Twp, Washington Twp, Bruce Twp, Armada Twp, Armada, Richmond Twp, Richmond (Macomb County)	19.5 miles
Paint Creek Trail	Rochester, Rochester Hills, Orion Twp, Lake Orion (Oakland County)	8.5 miles
Polly Ann Trail	Orion Twp, Oxford Twp, Oxford, Addison Twp, Leonard (Oakland County)	14.2 miles
Stony Creek to Metro Beach Trail	Shelby Twp, Utica, Sterling Heights, Clinton Twp, Harrison Twp, Mt. Clemens (Macomb County)	19.5 miles
West Bloomfield Trail	West Bloomfield Twp, Orchard Lake, Keego Harbor, Sylvan Lake (Oakland County)	4.25 miles



Map 4: Regional Trail Systems



The Michigan Department of Natural Resources requires communities to conduct an assessment of the accessibility of all public recreational facilities and the access routes to them. The following is a summary of the accessibility of each public City facility in Troy:

City of Troy Parks

1. Donald J. Flynn Park

This site has an asphalt pathway leading from the parking lot to the four ball diamonds and to the restroom/concession building. All spectator seating (bleachers) is situated on concrete slab surrounded by asphalt and is accessible to and from the parking lot, other ball diamonds, and the restroom/concession building. Asphalt pathways do not connect existing facilities with sidewalk outside the park boundary along South Blvd., or to the children's play area.

The asphalt parking lot holds 285 vehicles, with six of those spaces designated for handicap parking. The handicap parking stalls are not cross sloped greater than 2% within the stall, nor is there a cross slope greater than 2% from the handicap parking space to the asphalt pathway.

Play equipment at this site includes many barrier-free elements, including access via ramp to the structure. Playground safety surface is sand, with rubberized run-off mats beneath the slides; all rubberized mats are CPSC compliant. The structure is not accessible from the parking lot via sidewalk or asphalt pathway.

Ball diamonds (4) are accessible from the parking lot, restroom/concession structure, and from each other via continuous asphalt surface. The diamonds themselves are not of barrier-free design.

There are very few picnic tables at the site, but all are located on hard surfaces with accessibility to each table via an asphalt surface.

Restrooms are not fully ADA accessible, though there are no steps or ramps to impede access into restroom. There are no thresholds across the restroom entries. Doorways provide a minimum of 32" of unobstructed opening. However, there are no handicap accessible stalls or barrier free sinks. Toilet flushing mechanisms and sink faucet actuators are battery-operated automatic units.

2. North Glen Park

North Glen Park is an undeveloped, heavily wooded park surrounded by residential areas. There are no parking facilities or other amenities. The site is accessible only by unmaintained dirt pathways, which cross the woods.

3. Firefighters Park

Firefighters Park has a limited number of sidewalks and pathways. There is an asphalt pathway leading from the front and rear parking lots to the restroom, play equipment area, and lake. A concrete pathway connects the parking lot to the bleachers of a nearby soccer field via a handicap compliant crosswalk.

The asphalt parking lot has 375 spaces, nine of which are handicap stalls. The parking lot does not exceed a 2% cross slope within these handicap stalls. Ramps lead from the parking lot to pathway and do not exceed 12% in grade change. Four additional handicap parking spots were added that do not meet slope requirements.

Play equipment and swings are compliant with the most recent barrier-free codes, with rubberized pour in place safety surface beneath the composite play structure and mulch beneath the swings. Only the swing area is bounded by a raised concrete curb, and is accessible by wheelchair from the adjoining asphalt pathway via concrete ramp into the swing area.

Most of the other facilities – soccer fields, ball diamond, disc golf course are not accessible via a hard surface path. This is an area of concern and one expected to be addressed in the near future with the installation of asphalt walkway to soccer fields and picnic shelter.

Picnic tables at this facility are a mix of standard and ADA design units. The ADA tables have extended tops to allow for wheelchair accessibility. Most picnic tables are located in the picnic shelter, which is not accessible from the parking lot, or sidewalk via hard-surface pathway.

Although both drinking fountains are accessible in height and feature a barrier-free button, only one is located on the restroom/concession building and it is fully accessible in placement. The other is located at the picnic shelter, which does not have an accessible pathway from the parking lot.

The park has one restroom facility, which is combined with a privately operated concession stand. The restroom is connected to the parking lots via sidewalk and asphalt path. There are no steps, or ramps to enter the facility. Doorways into the restrooms are a minimum of 32". There are no handicap stalls or barrier-free sinks.

4. *Sylvan Glen Lake Park*

This site measures 40 acres with a 16-acre lake and 10-acre wooded area. There is a gravel drive and gravel parking lot with capacity for 16 vehicles. There are no handicap stalls. The wooded area has wood chipped trails leading from a subdivision to the west. The trails in the wooded area are not barrier-free and there are no sidewalks, trails or pathways leading from the gravel parking lot to the lake, or wooded area. No drinking fountains, restrooms, buildings, or play equipment are available. There is a mix of standard and ADA compliant picnic tables located in several areas throughout the park, and as of January 2013, the City is considering the addition of barbeque grills and portable restrooms.



5. *Jaycee Park*

Jaycee Park contains an asphalt pathway along the east side of its parking area leading from the sidewalk along Long Lake Road to restroom facilities in the northern part of the park, a distance of approximately 2,100 feet. However, the pathway does not link to the play areas, the picnic shelter or another restroom building without crossing the parking lot. Two play areas are accessible from the asphalt parking lot via asphalt pathway. There are no accessible pathways or sidewalks leading to the soccer fields or ball diamonds. The asphalt parking lot has 200 spaces, nine of which are designated as handicap spots.

Both play structures and the swing areas are ADA compliant and accessible from the parking lot. One composite play structure uses rubberized pour in place safety surface; the other structure has sand and rubberized run-off mats beneath play components and the swing area utilizes wood mulch as its safety surface. All structures are compliant with the most recent barrier-free codes.

The soccer fields, ball diamonds, and sand volleyball areas are not accessible from other areas of the park or from the parking lot, nor are any of those facilities of barrier-free design.

Picnic tables are a mix of standard and ADA compliant units. Barrier-free tables have extended tabletops to allow wheelchairs to sit at the end of table. Most tables are located under the picnic shelter on a concrete surface.

Water fountains are located on each of the two restroom buildings, are accessible in height and placement and include barrier-free push button.

Two restroom facilities have limited connection to some park facilities via an asphalt path. The picnic shelter is connected via an asphalt path to one restroom. Both are connected from the parking lots; however, there is no direct connection via hard surface walkway between restroom and the soccer fields, ball diamonds, volleyball courts or play equipment areas. Restrooms themselves have no ramps, steps, or thresholds limiting entry into the building. Entry doors provide a minimum of 32" of clear, unobstructed opening. There are no handicap-designated restroom stalls or barrier-free sinks, although sink faucets and toilet flushing valves are battery-operated automatic units.

6. Beach Road Park

This park has a 37-space asphalt parking lot with 2 handicap spots. The slope of the lot is less than 2%. There are no stairs from the lot to the field, but a curb surrounds the parking lot. There is one 8' curb opening, with asphalt pathway leading to the Rain Garden area and the swing area. The playground equipment is compliant with the most recent barrier-free codes. The swing area is surrounded by concrete curbing to contain the wood mulch surrounding the swings. This area is accessible from the asphalt pathway. However, the rest of the play equipment is not accessible via a sidewalk or hard-surface path. The playground safety surface is sand, with rubberized mats at the end of the slide components. Safety surface material in the play equipment area is contained within a concrete border and there is a step to gain access.

Beach Road contains one practice soccer field and one ball diamond. Neither is accessible from the parking lot or other areas of the park via concrete or asphalt walk.

Picnic Tables at the site are a mix of standard and ADA compliant tables, located on grass with no hard surface access to tables.

There are no water fountains, buildings, or restrooms, but as of January 2013, the City is considering adding portable restrooms and a drinking fountain. Water is currently available to the site for irrigation.

7. Schroeder Park

This site consists of a soccer field and a wooded area. There is pedestrian access to the site via 5' wide asphalt pathway from the cul-de-sac on Chelsea Court. The pathway crosses the corner of the site and leads to a 6' asphalt pathway on the adjacent school grounds. There is a pipe fence across the entrance of the pathway at the end of Chelsea Court with a 33" opening for pedestrians. Additional access is present from Schroeder Elementary School. There is no parking specifically designated for the Schroeder Park site. There are parking spaces at the adjacent Schroeder Elementary School, but the school does not allow parking and walking across the playground during school hours. There are no drinking fountains, picnic tables or restrooms at the site. The site contains approximately 10 acres of woods with natural, unimproved walking pathway, which is not barrier-free. It does not connect to another pathway system inside or outside the park.

8. Boulan Park

Boulan Park has an 8-foot wide asphalt pathway running in excess of one mile throughout the park. It is accessible at several points from the various parking areas. The pathway connects the parking lot to two restrooms, one picnic shelter, one concession stand, three ball diamonds, two play structures, one swing set area, and rings four soccer fields. The pathway also connects to a sidewalk leading from an adjoining subdivision, a sidewalk along Crooks Road, and to Boulan Middle School. The grade along the path is less than 5%. There are no stairs or ramps on the path, except for a concrete ramp into the swing set area.

The asphalt parking area includes spaces for 451 vehicles. Ten of those spaces are signed and identified as handicap parking spaces. Parking lots are generally flat with cross slope in the handicap spaces not exceeding 2%.

The play equipment and swing sets meet the most recent barrier-free codes with access via asphalt path. Safety surface beneath two play structures is rubberized pour in place material. Surface in swing set area is mulch, bounded by concrete curb. Curb is breached in one section by a concrete ramp leading from asphalt path into safety surface area.

Other facilities in the park are accessible from the asphalt pathways, including three ball diamonds, one picnic shelter, two restroom buildings, and one concession stand. Asphalt pathway also circles four soccer fields, but does not lead to soccer field bleacher areas. The pathway also flanks the eight tennis courts, although direct access to the courts is from the handicap parking area located between the two four-court tennis areas.

Picnic tables in the park are a mix of standard and ADA compliant models with extended tops allowing wheelchairs to pull up to the end of the table. Drinking fountains on the restroom buildings are accessible in height and placement. Drinking fountains at the picnic shelters are also accessible in height, although hard surfaces have not yet been established to make them fully accessible. All fountains are equipped with a barrier-free actuator button.

Both restroom buildings were retrofitted in 2001 to bring them into barrier-free compliance, including an automated door opening system. One of the two picnic shelters is accessible by an asphalt pathway. Future plans include extending the asphalt path to the second picnic shelter.

9. Phillip J. Huber Park

There is no sidewalk on the north side of Troy Center Drive at this site. Park users who are not arriving by automobile must use the vehicular drive or the lawn area. There is an asphalt ramp leading from the tennis court parking lot to the sidewalk at the entrance to the tennis facility, however the ramp is not painted and is difficult to see. The benches, barbecue and bleachers surrounding the tennis court are located on the lawn area and are not accessible by a barrier-free surface.

The parking area near Huber Park is surrounded by a concrete curb, with no break in the curb or ramp over the curb. There is no trail or sidewalk leading from the parking lot to the entrance to the Huber Park trail system, users must walk on grass. The Huber Park trail varies in width from 8 to 10 feet wide. The trail is comprised of wood chips and is well maintained. The trail is not barrier-free because during periods of rain or melting snow, it becomes very soft and is not usable for users with mobility limitations.

10. Gateway Park

Gateway Park has no designated parking, but it is accessible from the southern sidewalk lining Urbancrest as well as the east and north sidewalks lining Rochester and Big Beaver Roads respectively. The park features a lighted pathway, benches, and bicycle racks. During the summer months there is a lighted fountain in the detention pond.

11. Raintree Park

This site has an 8-foot wide asphalt pathway leading from the sidewalk on John R west into the park, to the play equipment and picnic shelter. The pathway connects the play area with the restroom building and parking lot. Pathway does not connect to the baseball diamond or soccer fields. Nor does the pathway connect to the disc golf or volleyball court areas of the park. However, a new pathway measuring 3093 sq. ft. borders the entire park and connects to the parking lot, but does not access the adjacent subdivisions.

There are a total of 126 parking spaces at Raintree Park, including six designated handicap spots. The cross slope on all spaces does not exceed 2% and access from the parking lot to the asphalt pathway does not exceed 12%.

All play equipment and swings are compliant with the most recent barrier-free codes and are accessible from the asphalt pathway and parking lot. The safety surface beneath one of the play structures is pour in place rubberized material; the other play structure uses sand as the safety surface with rubberized run-off mats at the slide exits. The swings are set in an area contained by concrete curbing with mulch as the safety surface material. Access into the swing area is via concrete ramp from asphalt pathway.

The ball diamonds, soccer fields, picnic shelter, sand volleyball, and disc golf areas are not accessible via hard-surface walkway from the parking lot or from other areas of the park.

12. Beaver Trail Park

Entire pathway system throughout the site is asphalt, 8 feet in width. There is no parking at the facility, but the pathway does connect with residential sidewalk outside the park. Grade is less than 5% with cross grade less than 2%. There are no stairs or ramps except a ramp leading from the pathway into the swing set area.

Playground equipment and swings are ADA compliant. Safety surface beneath play structure is poured in place rubberized safety surface. The surface in the swing area is mulch with rubberized safety mats directly beneath swing seats. Pour in place surface is at ground level. Engineered wood fiber is contained by concrete border. A concrete ramp leads from asphalt pathway into the swing area.

The Picnic tables are a mix of standard and ADA compliant tables with extended table top to accommodate a wheelchair at the end of table. There are no parking areas, water fountains, park buildings or restrooms at this site.

13. Big Beaver Road Park

Big Beaver Road Park has no designated parking spaces, but parking is available along Thames, a subdivision street. The park also has 5 foot paved sidewalks along Thames that connect to the 8 foot paved pathways along Big Beaver Road, all of which are ADA compliant. The park is accessible via these connecting sidewalks.

14. Brinston Park

Brinston Park has an 8-foot wide asphalt pathway leading from the parking lot to the soccer field area. There is also a pathway from the parking lot to the restrooms, play equipment area and picnic shelter. Pathway does not exceed 5% in grade, nor 2% in cross-slope. The asphalt parking lot contains 110 parking spots, five of which are handicap stalls.

The playground equipment is accessible via 8-foot wide asphalt pathway from parking lot, restroom, and picnic shelter. The safety surface beneath play equipment is pour in place, rubberized material in compliance with ADA guidelines. The safety surface is flush with the surrounding grade without a raised border. The play equipment is fully compliant with most recent barrier-free codes. The safety surface beneath swings is mulch.

Not all of the other facilities in the park are accessible from the parking lot via sidewalk or paved pathway. The two soccer fields are accessible from the parking lot. The tennis courts and basketball court are accessible from the parking lot. The picnic shelter and restroom are accessible via asphalt path. The two ball diamonds are not accessible via hard path.

The picnic tables are a mix of standard and ADA tables which allow wheelchairs to sit at end of table. Tables are located under picnic shelter and are accessible from the parking lot via an asphalt pathway. Accessible drinking fountain is located on the restroom building and contains a barrier-free button.

The Restroom building is ADA compliant, located off of the parking lot with hard surface access from the parking lot, picnic shelter, play equipment area, and soccer fields. There are no steps or ramps entering the building, and all doorways are wide enough to be recognized as barrier-free. The restroom contains handicap accessible stalls and barrier-free sinks, although there is no automatic door opening mechanism.

15. Robinwood Park

This site has a one-mile long, 8-foot wide asphalt pathway winding from Cherry Street on the north side of the park past two small picnic shelters, play equipment, and swings through this 19-acre park site. Robinwood Park does not have any parking areas, drinking fountains, or restrooms. However, parking is available at Morse Elementary School directly across Cherry Street from the park. A crosswalk across Cherry Street connects the school parking area with the park. Pathway does not connect to sand volleyball court.

All play equipment and swings are compliant with the most recent barrier-free codes and are accessible from the asphalt pathway and adjacent school parking lot. The safety surface beneath the play structures is pour in place rubberized surfacing. The swings are set in an area contained by concrete curbing with mulch as the safety surface material. Access into the swing area is via concrete ramp from the asphalt pathway.

16. Redwood Park

Redwood Park has a small 8-space asphalt parking lot with 2 dedicated handicap spaces. An asphalt pathway, 8 feet in width leads from the parking lot to the children's play area and swing set. The pathway does not connect to existing sidewalks in the adjoining subdivision. Grade throughout the asphalt parking lot and pathway is less than 5% with cross grade less than 2%. There are no stairs or ramps except for a ramp leading into the safety surface of the swing set area.

Playground equipment and swings are ADA compliant. Safety surface beneath the play structure is pour in place rubberized safety surface. The Surface in the swing area is mulch. Pour in place surface beneath play structure is at ground level. The mulch in the swing area is contained by concrete border. A concrete ramp leads from the asphalt pathway into the swing area.

There are no pathways leading from the parking lot or play areas to the backstop or players' benches at the ball diamond located at this site. Redwood Park has no restroom facility. Drinking fountain is ADA compliant. Picnic tables are a mix of standard and ADA compliant tables, located throughout the site. Some are on hard surface with access from the parking lot.

17. Milverton Park

Milverton Park contains 23 parking spaces, of which 3 are designated for handicap parking. The park also has an 8 foot pathway around park connecting to the restroom facility, picnic shelter, and senior exercising equipment. The park has swings and climbing boulders with wood mulch as surfacing. Senior exercising equipment is ADA compliant and is stationed on a paved surface. A path extends to the south property line of the senior complex. The restrooms are ADA compliant.

Municipal Recreation Facilities

A. Sanctuary Lakes Golf Course

This golf course has a paved parking lot with 203 parking spaces, of which 7 are handicap accessible spaces. The entrances, drinking fountains and restrooms in the clubhouse facility are barrier-free. Access to the golf carts and golf course from the parking lot and clubhouse are barrier-free. Sanctuary Lake GC also offers an accessible golf program. The heart of this program is the Solo Rider accessible golf cart. Two of these carts can be used by individuals with any type of mobility impairment (they are not limited to wheelchair users).

Sanctuary Lakes also has adaptive golf clubs designed to be used from a seated positions and in some cases the golf professionals can adapt your current clubs to be used with the Solo Rider. The Solo Rider and clubs are available for use at clinics and lessons, or can be available at the golf course with prior request (please give 24 hours to insure the availability and functionality of the Solo Riders). Accessible golf clinics, individual golf lessons and instruction on using Solo Rider carts are available throughout the golf season.

B. Lloyd A. Stage Nature Center

The Nature Center has 53 total parking spaces, 3 of which are handicapped parking located. There is a paved path from the parking lot to the building. The Nature Center grounds have a non-paved walking path throughout the park, which also uses wood boards as a boardwalk.

C. Troy Farm

The Troy Farm facility has no paved parking, but has 4 handicap parking spots located close to the gardening area. The senior garden features a raised garden with packed slag pathway for wheelchair accessibility. There are no restroom facilities on site.

D. Sylvan Glen Golf Course

This golf course has a paved parking lot, which is shared with the restaurant Camp Ticonderoga, with 368 parking spaces, of which 8 are accessible spaces. The entrances, drinking fountains and restrooms in the clubhouse facility are barrier-free. Access to the golf carts and golf course from the parking lot and clubhouse are barrier-free. Sylvan Glen GC also offers an accessible golf program. The heart of this program is the Solo Rider accessible golf cart. Two of these carts can be used by individuals with any type of mobility impairment (they are not limited to wheelchair users). Sylvan Glen also has adaptive golf clubs designed to be used from a seated positions and in some cases the golf professionals can adapt standard clubs to be used with the Solo Rider.

E. Troy Family Aquatic Center

The entrances, locker rooms, and showers are handicap accessible. The main pool and kiddie pools are sloped and accessible. A portable lift and water wheelchairs are available for use upon request. The concession area has handicap accessible tables. The slides and sand area are not accessible to wheelchairs. There are a total of 8 handicap parking spaces in the parking lot.



F. Troy Community Center

All public spaces inside and outside of building are accessible, and the second floor is accessible via elevator. Exterior play equipment and an asphalt pathway are accessible from the parking lot as well as from Community Center building. There are a total of 28 handicap parking spaces in the parking lot.

Description of the Public Input Process

The Michigan Department of Natural Resources mandates that the parks and recreation planning process must incorporate public input using at least two means.

The City of Troy utilized both traditional and technological methods to gather public opinion, comments, and feedback on the City's parks and recreation services and facilities. First, the City developed a Parks and Recreation Plan project website, www.troyrecplan.com (Attachment 3), which included a project introduction, a link to the community survey (Attachment 7), and a MiCommunity Remarks Tool (Attachment 18). The project website served as a central hub for public notification of important dates as well as the location of online input gathering methods. In concurrent processes, the City developed and distributed a parks and recreation survey, and made available the MI Community Remarks public comment tool. The City then hosted a public input meeting, which gave residents the opportunity to review preliminary findings drawn from the data gathering tools, and give feedback on the analysis of results generated by City staff.

Public Awareness Campaign

The City used several means to engage the community and spread awareness of the process as well as the numerous financial/maintenance issues impacting parks and recreation services. This process began with a report and oral presentation to the City Council on November 12, 2012 (Attachment 1). The public presentation was followed by two notification e-mails on November 26, 2012 and January 4, 2013, to the City of Troy listserv, which contains over 10,000 resident and business e-mail addresses (Attachment 4). The City posted an informational flier at the Troy Community Center and Library promoting the project website, survey, and public input session (Attachment 9).

Additionally, promotional articles of the City's planning process were published in the Troy Times during the week of January 7, 2013 (Attachment 5), and online at the Troy Patch website on November 12, 2012 and January 16, 2013 (Attachment 6).



City of Troy Parks and Recreation Survey – 2013 (Attachment 7)

One of the first steps of the five-year planning process is to gather input on the parks and recreation issues that are important to the community. To ascertain these important issues, the City of Troy developed a Parks and Recreation Survey using a free online software program called Survey Monkey. The survey was made available on the City's project website from November 27, 2012 through January 21, 2013. Paper copies of the survey were also made available to residents at the Troy Community Center, Planning Department, and City Manager's Office.

Through the previously mentioned public awareness processes, the City actively solicited residents and other relevant stakeholders to complete and submit the survey. Hard copy surveys that were returned to City staff were inputted into the Survey Monkey software by hand. Once the survey closed to public access on January 21, 2013, the Survey Monkey software allowed staff to generate response results and draft conclusions. In total, 893 parks and recreation stakeholders completed the survey and submitted 705 textual comments.

MI Community Remarks Tool (Attachment 8)

In conjunction with the launch of the project website and the release of the public survey, the City also utilized the MiCommunity Remarks geographic information systems tool that guided users to place geographic specific comments on various existing park sites. Users were also allowed to comment on highlighted parks and recreation sites, which were divided into “existing sites,” and those identified as “future parks” in the 2007-2012 Parks and Recreation Master Plan. The tool categorized comments into the following topics:

- New Recreation Amenity Needed
- Potential Passive Park/Nature Area
- Park and/or Facility Maintenance Issue
- Development/Redevelopment Opportunity
- Other

Users could also read the comments left by other users, and were able to engage other stakeholders, discussing issues in the categories listed. MiCommunity Remark users commented a total of 24 times on a variety of issues.

Public Input Session – January 17, 2013 (Attachments 10, 11)

After extensive promotion of the event, on January 17, 2013, City staff presented a project introduction and preliminary survey findings to a crowd of approximately 30 community stakeholders. After a question and answer period, stakeholders were asked to participate in two activities designed to gather opinion on parks and recreation services and the City’s preliminary survey findings.

First, the stakeholders were asked to participate in an issue identification exercise. Citizens were presented with five posters, labeled:

1. Facilities
2. Programming
3. Alternative Revenue Sources
4. What to do with “Future Park” Properties
5. Other?

Each of the poster topics was accompanied by list of the major issues and concerns that were identified from the survey and MiCommunity Remarks tool. All citizens were then given the opportunity to take markers and to write down any issues that they believed were missing from these lists.

When the group finished their issue additions, staff led the group in a consensus building exercise. During the exercise, each citizen was then given a set of five stickers, and everyone in attendance was given the opportunity to affix their stickers on the boards next to the issues that they believed were the most critical for the plan to address (Attachment 12).

Finally, citizens were asked to write down any follow-up comments or concerns on notepads that were distributed (Attachment 13).

Going Forward

1. The Draft Plan will be brought before the Planning Commission for an informal review. A time for public comment will be scheduled during the Planning Commission meeting.
2. The planning process will require publishing a Notice of the Plan for a 30 day public comment period.
3. Finally, City Council will hold a Public Hearing and review the Plan for adoption.



Summary of Findings

Passive recreational areas are more commonly used than active recreational areas.

According to survey respondents, and comments made at the January 17, 2013 public input session, there were indications of high usage of parks and recreation programs and facilities among participants. 90% of survey respondents indicated that they participate in programs and services offered by the Parks and Recreation Departments at least occasionally, while 35.6% indicated that they are “very regular” users.

The facilities and amenities most commonly used by survey respondents were passive recreation uses, the top three responses to “Which of the following recreation facilities (amenities) in Troy parks do you or your family use?” were:

1. Fitness Walking Trails – 442 Responses;
2. Golf Courses – 411 Responses;
3. Passive Nature Areas – 379 Responses.

Active recreation areas including Baseball/softball diamonds, basketball courts, soccer fields, and tennis courts received fewer responses. This trend was also articulated in the comments received at the January 17, 2013 public input session, and the text comments attached to the survey.

In regards to the use of parks and facilities, survey-takers indicated that they used the larger Community Parks (Boulan, Firefighters) and the Troy Community Center more often than any of the other parks or facilities.

The most desired recreation amenities are multi-purpose trails/pathways, and dog parks.

According to the data, there is a high demand for trails and pathways, a desire that has remained consistent since the development of the 2007-2012 Parks and Recreation Master Plan. A parks and recreation survey conducted in 2005 for the 2007-2012 Master Plan rated trails and pathways as the most desired recreational amenity by Troy residents. The information gathered for current Plan illustrates a trend in the desire for trails and pathways.

Based on the responses to questions 2, 3, and 8 of the public survey in addition to the feedback generated by the public input session, development of “multi-purpose trails and pathways” are the number one recreation priority for Troy residents moving forward. Trails and pathways was the most frequent response in terms of amenity used (Q #2) among survey respondents.

Additionally, when asked “which of the following recreation facilities in Troy parks would you like to see more?” (Q #3), the number of “First Choice” responses for Multi-purpose trails and Paths was more than any other amenity/facility received for First, Second, and Third Choices combined. The total responses for Multi-purpose Trails and Paths was 671.

Furthermore, 52.3% of respondents rated “Developing a City-wide system of pathways & trails for walking and biking” as “very important” (Q #8), the second highest number of responses only to “Maintaining existing recreation programs. Only 9% of respondents believed that developing a pathways and trails system was “not important.”

During public engagement, there was significant support for the development of a dog park. In response to desired recreation facilities (Q #3), “Dog Park” received the second highest number of responses for “First Choice” (121).

Stakeholders that attended the January 17, 2013 public input session also showed support for a dog park throughout the consensus building exercise. In fact, “Build Dog Park” received more issue support stickers (29) than did “Create Trails/Paths” (27). These two items were the first and second most important issues identified during the public participation exercises conducted at the public input session.

The maintenance and improvement of existing parks and recreation programs are high priority issues. Developing additional City-owned properties into parks is not a priority.

In addition to the high levels of support for trails, pathways, and dog parks, the stakeholders that participated in the public input process ranked maintenance and improvement of existing parks and recreation programs as high priority issues.

According to the survey (Q #8), 59.3% of respondents stated that “Maintaining Existing Recreation Programming” was very important to Troy parks and recreation services, while only 2.3% responded that it was not important.

Additionally, 49.7% of survey-takers responded that “Maintaining and Upgrading/Renovating Existing Parks” was very important, while 2% stated that it was not important (Q #8). In turn, to question 9, 75.5% of respondents said that existing parks should be improved.

For existing non-developed City-owned property, 51.3% of survey respondents said that this land should not be developed into new parks (Q #10). This feeling is supported by the responses to question 8, in which 35% of people responded that “Acquiring and/or Developing New Parks and Open Spaces” was “not important.” To the same question, only 17% of respondents answered that this issue was “very important.”

The Parks and Recreation Departments should depart from traditional means of funding, and pursue non-conventional revenue sources.

In order to meet the recreational vision of Troy residents and businesses, the Parks Division of the Department of Public Works and the Recreation Department will need to be creative in the provision of services and programs. Some challenges that face the departments are: continuing to provide a high level of parks maintenance, maintaining steady funding for recreation programs, and making capital improvements to parks and facilities.

According to the data, survey respondents were highly supportive of the Parks Division and Recreation Department pursuing alternative funding sources such as public-private partnerships and grants, and were moderately supportive of user fees. According to questions 11 and 12, there is approximately 75% support for the development of public-private partnerships, 78.6% support for grants, and 55.1% support for user fees.

Although there is generally a high level of satisfaction with parks and facilities, there is also public recognition and dislike that there have been reductions in service.

Since the development of the previous 5-Year Parks and Recreation Master Plan, the City has engaged in numerous cost-saving measures in relation to parks and recreation. Some examples of these reductions include:

- staff in both Departments has been severely reduced;
- the level of parks maintenance has been reduced;
- recreation program fees and pass rates have been implemented/increased to accomplish cost neutrality;
- the operations of the Lloyd A. Stage Nature Center were contracted to the Troy nature Society 501(c)3 non-profit organization.

These changes have had a noticeable impact on the residents that enjoy the use of these services.

When asked what reasons prevent respondents from using parks or recreation facilities, responses indicated that the top three hindrances were:

1. "I don't have time" – 43.8%
2. "Desired program or facility not offered" – 24%
3. "I do not know what is being offered" – 21.8%

Numerous comments attached to the survey, and comments made at the January 17, 2013 public input session, indicated dissatisfaction with the discontinuation of certain recreation programs, and an increase in fees for other programs. Also, a high frequency of comments expressed dissatisfaction at a lack of funding for the Troy Nature Center and the Troy Farm (Senior Gardens)

Meanwhile, several comments left on the MiCommunity Remarks map focused primarily on maintenance issues facing City parks.

On question 5 of the survey, when asked about the level of satisfaction with parks and recreation facilities, a large number of survey-takers responded with "Don't Know," which may indicate that respondents were not aware of the park/facility, or that they had not visited the park/facility recently. In regards to 15 out of 25 parks and recreation facilities, more than 50% (in some cases 80% - 90%) of respondents answered "Don't Know."

For the facilities that had a high level of opinion in regard to the level of satisfaction, the most common response was "very satisfied."



Goals and objectives provide a list of general guidelines and recommendations for decision making regarding parks and recreation programs and facilities that are consistent and in accordance with the desires of the community. A community should consistently strive to meet the stated goals and objectives, and they should influence the nature and extent of administrative, programming, development, and maintenance actions. The following goals and objectives have been supported by the Parks and Recreation Advisory Board:

Goal A) Continue to provide a range of parks and recreational facilities to meet the needs of all components of the population and all geographic areas of the city.

- Objective 1) Maintain and improve access to parks and recreation facilities.
- Objective 2) Develop existing park sites for appropriate use in consideration of community needs and resource limitations.
- Objective 3) Maintain an urban forest program.
- Objective 4) Encourage protection of natural features, such as wooded areas, wetlands, wildlife habitat, natural drainage ways, and open space.
- Objective 5) Review and update the parks and recreation Action Plan annually.

Goal B) Encourage usable open space and recreation facilities in subdivisions, apartments and condominiums, and other residential developments.

- Objective 1) Utilize existing parks and recreation facilities to their maximum potential given available resources.
- Objective 2) Provide for citizen input in recreation planning and decision making.

Goal C) Actively promote parks and recreation facilities and opportunities.

- Objective 1) Implement recreation programming at parks.
- Objective 2) Collaborate and coordinate with other agencies and organizations to provide recreation resources for residents.
- Objective 3) Support and promote a system of trails, pathways and sidewalks in collaboration with other state and local entities.

Goal D) Implement innovative techniques of maintaining acceptable levels of service.

- Objective 1) Adhere to high standards of maintenance for all parks and recreational facilities given available resources.

Goal E) Practice sound fiscal management of the parks and recreation system.

- Objective 1) Pursue funding sources for capital improvements, operations, and maintenance including local sources, state and federal grants programs, sponsorships, fundraising committees, public-private partnerships, and other sources.
- Objective 2) Augment recreation operations with user fees as needed.

The Action Plan identifies how the City of Troy intends to work towards meeting the Plan's Goals and Objectives over the next five years. The following is a list of proposed projects, with justification provided for each. Note that the list is not broken down by year, but rather it reflects all of the recreational improvements proposed for the next five years.

1. Develop a comprehensive trails and pathway system throughout Troy.

Review and update the 2009 City of Troy Trails and Pathways Master Plan (Attachment 14).

The development of a trail system in Troy is the City's number one recreational priority based on the results of the public input. There is a wide range of benefits associated with the establishment of a trail system:

- Health and physical fitness.
- Increases property values.
- Promotes community enrichment/character.
- Provides connectivity to neighboring communities.
- Improve landscape aesthetics.
- Recreation for diverse users.
- Income for Michigan's tourism related business.
- Linkages for a statewide network of trails.
- Safe non-motorized transportation routes.
- Conservation of green space and wildlife habitat.
- Environmental quality education opportunities.
- Transportation alternative.
- Connect with existing and proposed bicycle lanes.

In the previous 5-Year Parks and Recreation Master Plan, residents identified a comprehensive network of trails and pathways as their number one recreational desire. As a result of the Master Planning Process the City contracted for the development of a comprehensive Trails and Pathways Master Plan. As a part of the process a volunteer Troy Trails and Pathways Committee (TTC), was formed in collaboration with the North Woodward Community Foundation (NWCF) to provide information and recommendations to help identify development strategies.

The resulting document was an aggressive and comprehensive trails and pathways plan that would serve as the guide for establishing a network of recreational, multi-purpose trails throughout the City of Troy. The Plan was designed to be implemented in phases. To follow through with implementation, the City established a trails and pathways fund in the Parks Division of the former Parks and Recreation Department.

Unfortunately, the end of the planning process was accompanied by the fiscal crisis of 2008/09. Due to severely declining revenues and the large task of restructuring the organization as a whole to meet financial realities, the Plan was shelved. In turn, money that was set aside to begin implementing the plan was redirected to ensuring the solvency of higher priority capital needs, and the Plan was never approved by City Council.

The 2009 Trails and Pathways Plan is now four years old and outdated. Due to the continuing desire of Troy residents for a comprehensive network of trails and pathways, the Plan should be reviewed and updated as necessary.

The following tasks establish a basic framework for organizing, planning, designing, funding and constructing a system of recreational trails in Troy. The tasks are listed in chronological order:

- I. Establish an internal Trails and Pathways Master Plan Revision Committee
 - a. Appoint members
 - b. Create a meeting schedule
- II. Review 2009 Troy Trails and Pathways Master Plan
 - a. Analyze Plan's existing trails and pathways recommendations
 - b. Update plan sections and recommendations as appropriate
 - c. Recommend adoption of Plan to City Council
 - d. Identify funding opportunities
- III. Develop support for City of Troy Trails and Pathways Master Plan
 - a. Media coverage
 - b. Place information on City website
 - c. Obtain City Council approval
- IV. Construct future phases of trailway system, beginning with Phase 1

2. Pursue alternative revenue opportunities to maintain and improve parks and recreation facilities and programs.

Develop an internal structure that promotes working with community partners through public-private partnerships, volunteers, and pursuing grant opportunities.

In an environment of restricted revenues, the City's Parks Division and Recreation Department face numerous challenges in maintaining the high level of service that Troy citizens have come to expect. In order to continue providing high levels of service, City staff must explore all opportunities to fund projects, programs, and capital improvements that promote Troy's recreational needs. According to the public input results, the community supports taking advantage of grant opportunities, and engaging residents, businesses, and community partners as team members.

There are numerous types of public-private partnerships, including:

- Co-sponsoring
 - Naming Rights
 - Signage
 - Lighting
 - Amenities (Benches, Play structures)
- Long-term/Short-term leases
- Private operations/maintenance agreements
 - Non-profit organizations
 - Businesses
- Private sponsoring of City projects
- Utilizing volunteer groups

There are also opportunities within these departments for utilizing grant funding for projects that will benefit the community. Grants typically require matching funds. Potential grant sources include:

- Land and Water Conservation Fund
- Michigan Natural Resources Trust Fund
- Recreation Passport Grants
- Waterways Program Grants
- Off-Road Vehicle Trail Improvement Program
- Recreation Improvement Fund Grant
- Recreational Trails Program Grants
- Community Development Block Grant

3. Develop a community dog park.

Identify and work with partners to develop a community dog park taking into consideration financial limitations, maintenance requirements, and existing park sites/amenities.

The second highest rated recreational need according to the public input results was a dog park. There are multiple community-wide benefits that result from the development from a fenced, off-leash dog park. These benefits include:

- Promotes people and dog socialization
- Promotes people and dog physical health and mental stimulation
- Central location for off-leash activities reduces the likelihood of owners letting their dogs off-leash in on-leash parks
- Unlikely that cars, bikes or other dangers will be encountered
- Good opportunity for dog owners to learn behavioral management techniques from more experienced owners
- Allows dogs to receive adequate physical exercise, decreasing negative behaviors

The development of a dog park in the City of Troy would need to take into consideration several key factors, such as the availability of appropriate land, availability of private partners, design, the cost of long-term maintenance, and the cost of the permit required to access the dog park. Additionally, according to the survey data, stakeholders indicated that they do not wish to see any more City-owned property developed as park land, and therefore any dog park development plan would need to utilize existing park facilities and amenities.

4. Continually analyze and refine recreation program offerings.

Determine if current program offerings meet the recreational needs of citizens, and adjust programming to provide the greatest benefit to residents.

As stated in the previous section, the City reduced service levels and eliminated programs in the Parks and Recreation Departments. The program cuts and fee increases necessary for the Recreation Department to achieve program cost neutrality have impacted residents and community stakeholders.

Going forward, the Recreation Department should evaluate staffing levels and the programs offered to determine if cost neutrality is maintained while offering more or alternative programs that suit the needs and desires of those that live, work, and play in the City of Troy.



	Approved 2012/13		Approved 2013/14		Requested 2014/15	
	FT	PT	FT	PT	FT	PT
Aquatic Center						
Aquatics Coordinator	0.40					
Assistant Pool Manager-TFAC		1.00		0.90		0.80
Cashier-Aquatic Center		1.20		1.20		1.10
Instructor-Water Safety TFAC		1.10		1.80		1.60
Instructor-Water Safety-PrivTFAC		0.10		0.20		0.10
Lifeguard TFAC		6.70		7.00		6.60
Pool Manager-TFAC		0.30		0.30		0.40
Total for Aquatic Center	0.40	10.40	0.00	11.40	0.00	10.60
Golf Courses						
	0.00	0.00	0.00	0.00	0.00	0.00
Total for Golf Courses	0.00	0.00	0.00	0.00	0.00	0.00
Parks						
Field Supervisor	1.00		1.00		1.00	
MSE-C Equipment Operator I	1.90		1.90		1.90	
MSE-D Service Tech I-Parks	1.00		1.00		1.00	
MSE-F Trade Specialist I	1.00		1.00		1.00	
MSE-G Leader	1.00		1.00		1.00	
Ordinance Enforcement Officer		0.40		0.40		0.40
Seasonal Supervisor		1.20		1.20		1.20
Summer Laborer - Parks		8.90		8.90		7.20
Supt of Parks, Streets & Drains	0.33		0.33		0.33	
Total for Parks	6.23	10.50	6.23	10.50	6.23	8.80
Recreation						
Account Clerk II	1.00		1.00		1.00	
Aide-Adaptive Program		0.70		1.10		0.70
Aide-Safety Town		0.10				0.10
Aquatics & Fitness Coordinator			1.00			
Aquatics Coordinator	0.60					
Assistant Pool Manager-CC		1.90		1.90		2.40
Assistant Recreation Director					1.00	
Attendant-Community Center		3.80		5.10		3.40
Babysitter		1.50		1.60		1.50
Coordinator-Adaptive Program		0.50		0.80		0.40
Coordinator-Day Camp		0.30		0.30		0.30

	Approved 2012/13		Approved 2013/14		Requested 2014/15	
	FT	PT	FT	PT	FT	PT
Recreation (Cont)						
Coordinator-PreSchool		0.60		0.60		0.60
Coordinator-Recreation		5.90		4.50		5.60
Coordinator-Rentals						0.70
Coordinator-Safety Town		0.10		0.10		0.10
Coordinator-Senior Program		1.40				
Coordinator-Soccer-Adult				0.10		0.10
Coordinator-Soccer-Youth		0.10				
Coordinator-Softball-Adult		0.10		0.10		0.10
Coordinator-Softball-Youth		0.10		0.10		0.10
Coordinator-Volleyball-Adult		0.10		0.10		0.10
Day Camp Leader		1.10		1.60		0.90
Fitness/Wellness Specialist-CC		0.30		0.30		0.30
Fitness/Wellness Specialist-REC		0.20		0.30		0.30
Fitness/Wellness Specialist-SEN						0.30
Instructor-Dance-Senior						0.10
Instructor-PreSchool		2.30		2.30		2.40
Instructor-Safety Town		0.10		0.20		0.20
Instructor-Sports-Youth		0.10		0.10		0.20
Instructor-Water Safety CC		2.00		1.90		
Instructor-Water Safety-Priv CC		0.10		0.40		0.30
Lifeguard CC		7.60		8.50		8.80
Official-Basketball-Youth		0.30		0.30		0.20
Pool Manager-CC		0.60		0.50		0.40
Recreation Aide		6.00		6.10		5.20
Recreation Aide-PreSchool		0.20		0.70		0.30
Recreation Aide-REC		0.40		0.30		1.10
Recreation Director	1.00		1.00		1.00	
Recreation Supervisor	2.00		2.00		2.00	
Recreation Supervisor-PT-REC						0.60
Recreation Supervisor-PT-SEN						0.50
Referee-Hockey		0.10				
Scorekeeper		0.20				
Secretary II	1.00		1.00		1.00	
Umpire		0.10				0.10
Total for Recreation	5.60	38.90	6.00	39.90	6.00	38.40

MDNR Recreation Grant Inventory

The Michigan Department of Natural Resources (MDNR) requires that Five Year Parks and Recreation Plans include information on each park that was funded or developed using MDNR recreation grant funds. The following addresses this requirement.

Park	Boulan
Grant #	26-00054
Grant Type	LWCF, Acquisition
Acreage Acquired	38 acres
Date	1967
Description	Boulan park has three ball diamonds, three soccer fields, eight lighted tennis courts, football field, two sand volleyball courts lacrosse field, paved walking path, two picnic shelters, two play structures, restrooms and concession area. Condition of facility is good with newly renovated tennis courts. One picnic shelter has been recently replaced and the other is slated for replacement in 2007. Play equipment has been replaced within the last 7 years.

Park	Raintree
Grant #	26-00263
Grant Type	LWCF Acquisition
Acreage Acquired	38 Acres
Date	1972
Description	Park is currently being used as a community park with ball diamond, soccer field, 9-hole disc golf course, two play structures, sand volleyball court picnic shelter, restrooms and wooded area. Park facilities are in good condition with new play equipment within the last 7 years. Restroom will require renovation, or replacement in near future (3-5 years)

Park	Raintree
Grant #	26-00855, amended 26-00855.1
Grant Type	LWCF, Development
Date	1977
Items Constructed	Multi-use sports field, shuffleboard courts, bocce courts, handball courts, picnic area, roadway, water sewer, restroom. Shuffleboard, bocce, and handball were never installed. Reason unknown. Condition of existing facilities is good, although restroom will require renovation, or replacement in near future (3-5 years).

Park	Brinston
Grant #	B-1164-AD
Grant Type	Michigan DNR Recreation Bond Fund, Acquisition
Acreage Acquired	9.4 Acres
Date	1972
Description	Park is currently used as a community park with two soccer fields, two ball diamonds, picnic shelter, play structure, two tennis courts, basketball courts and restroom. Condition of facilities is good, with new picnic shelter and play equipment installed within the last 7 years.

Park	Brinston
Grant #	26-00382
Grant Type	LWCF, Development
Date	1973
Items Constructed	Magic Square (combined tennis and basketball court), play area, two ball diamonds, group shelter, restroom, parking, landscaping, fencing. Current condition of facilities at this park is good, although tennis court will require re-surfacing in near future.

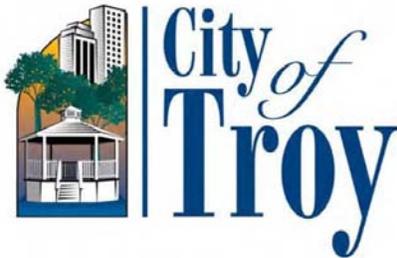
Park
Grant # 26-00382.1 Amendment
Grant Type LWCF, Development
Date 1976
Description Amended to remove the group shelter and restroom and add one shelter.

Park
Grant # 26-01502
Grant Type LWCF, Development
Date 1993
Items Constructed Soccer fields, ball diamonds, picnic shelter, restroom building, play structure, paved parking lot, lighting parking lot, site work/landscaping, bleachers. Facilities at this site are in good condition.

Park
Grant # TF 98-157
Grant Type Michigan Natural Resources Trust Fund, Development
Date 1999
Items Constructed New interpretive center with classrooms, library, gift shop, display rooms, staff offices, staff kitchen, restrooms, site work, paved handicapped parking. Facilities at the site are in excellent condition.

The following items are included in the Appendix:

1. City Council Agenda Item (O-05) from November 12, 2012
 - Report: Five Year Parks and Recreation Plan Update
 - Draft Parks and Recreation Advisory Board Meeting Minutes from October 25, 2012
2. City of Troy, MI Website: City News – Parks and Recreation 5 Year Master Plan Public Meeting
3. Front page of www.troyrecplan.com
4. E-Mail Notifications to City of Troy, MI List Serve
 - November 26, 2012: “Take Part in a Survey for Troy Parks and Recreation Plan – 2012 Strategic Planning Process”
 - January 3, 2013: Take Part in Troy Parks and Recreation 5-Year Master Plan Public Meeting
5. Troy Times: January 7, 2013 “Take Part in Shaping City’s Parks and Recreation Plan”
6. TroyPatch: January 16, 2013 “Public Input Wanted on Parks & Recreation Plan”
7. Survey Monkey: Troy Parks and Recreation Plan Public Survey with Results
8. Comments from MiCommunity Remarks Tool, www.troyrecplan.com
9. January 17, 2013 Public Input Session Flier
10. January 17, 2013 Public Input Session Handout
11. Troy Parks and Recreation Plan Public Input Session January 17, 2013 Powerpoint Presentation “Troy Rec Plan Public Input Session”
12. January 17, 2013 Public Input Session Poster Boards
13. Written Comments from January 17, 2013 Public Input Session
14. City of Troy, MI 2009 Trails and Pathways Master Plan



Attachment 1

City Council Agenda Item (O-05) from November 12, 2012

- Report: Five Year Parks and Recreation Plan Update
- Draft Parks and Recreation Advisory Board Meeting Minutes from October 25, 2012



CITY COUNCIL AGENDA ITEM

Date: November 2, 2012

To: Mike Culpepper, Interim City Manager

From: Mark F. Miller, Director of Economic & Community Development
R. Brent Savidant, Planning Director

Subject: FIVE YEAR PARKS AND RECREATION PLAN UPDATE

The Planning Department, Recreation Department and Department of Public Works are participating in a joint effort to update the City of Troy Five Year Parks and Recreation Plan. The Plan was adopted in 2007 and expires on December 31, 2012. The Plan will meet the Michigan Department of Natural Resources (MDNR) Guidelines for the Development of Community Park, Recreation, Open Space and Greenway Plans.

A Five Year Parks and Recreation Plan identifies recreational need and determines long-range parks and recreation goals. One of the goals of this planning process is to determine a course of action for undeveloped properties identified in the previous Plan as future parks. A Parks and Recreation Plan is necessary to become eligible to participate in State Parks and Recreation Grant Programs for improvements included in the Plan. There is no obligation to apply for grant funding.

Public input will be solicited in a number of ways: (1) Online Parks and Recreation Survey; (2) MiCommunity Remarks online tool; (3) Parks and Recreation Advisory Board public meetings; and (4) City Council meeting.

A project website was created to be a central point of community engagement and information clearing house. The project website can be found here: <http://troyrecplan.com/site/>. November 26, 2012 is the targeted date for release of the Parks and Recreation Survey and the MiCommunity Remarks online tool. The Parks and Recreation Survey will utilize Survey Monkey and is intended to gather input on various parks and recreation issues. The MiCommunity Remarks online tool will provide residents with an opportunity to leave specific comments related to City parks, and engage in dialogue with other residents online. The survey and MiCommunity Remarks tool can be found on the project website.

The Parks and Recreation Advisory Board held a public meeting on October 25, 2012 and adopted a resolution of support for the project.

The Parks and Recreation Advisory Board will be a recommending body for the document. City Council will have final approval authority.

Attachment:

1. Minutes from October 25, 2012 Parks and Recreation Advisory Board meeting

PARKS AND RECREATION ADVISORY BOARD

A special meeting of the Troy Parks and Recreation Advisory Board was held Thursday, October 25th, 2012 at the Troy Community Center, Administration Meeting Room. Chairperson Janice Zikakis called the meeting to order at 6:30 p.m.

Present: Janice Zikakis, Orestes Kaltsounis, Jeff Stewart, Kathleen Fejes, Laurie Huber, Jeff Biegler, Kurt Bovensiepe, Aditya Yelamanchi (student representative)

Absent: Tod Gazetti, Meaghan Kovacs, Gary Hauff

Visitors: Justin Breyer, intern City Manager's Office

Discussion Item

At the November 12th, 2012 City Council meeting the resolution for the Parks and Recreation Five-Year Planning process will be forwarded to the City Council.

The survey that is approved tonight will then be placed online on Tuesday, November 13th, 2012. Justin is looking into various ways to let residents know the survey is available online. Hard copies will be available at the Planning Department.

Resolution # PR - 2012 - 10 - 001

Moved by Orestes Kaltsounis

Seconded by Kathleen Fejes

RESOLVED

WHEREAS, The City of Troy Parks and Recreation Plan of 2007-2012 expires on December 31, 2012; and

WHEREAS, It is necessary to develop a Parks and Recreation Five Year Master Plan to apply for park improvement grants through the Michigan Department of Nature Resources; and

WHEREAS, The Parks and Recreation Advisory Board and City administration seek comprehensive and inclusive public input in to the Parks and Recreation planning process; and

WHEREAS, The Parks and Recreation Advisory Board and City administration find it prudent to develop a Parks and Recreation Five-Year Plan to use as a guide for the future of the Parks and Recreation Departments;

THEREFORE, BE IT RESOLVED, That the City of Troy Parks and Recreation Advisory Board supports the furtherance of the Parks and Recreation Five-year planning process

Yes: 5

No: 0

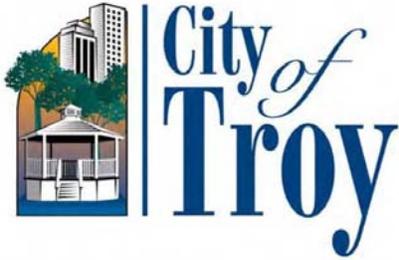
MOTION CARRIED

The meeting adjourned at 7:35 p.m.

Next meeting is scheduled for Thursday, November 15th, 2012 at 6:30 p.m.

Janice Zikakis, Vice Chairperson

Lynne Lambert, Recording Secretary



Attachment 2

City of Troy, MI Website: City News – Parks and Recreation 5
Year Master Plan Public Meeting



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Live Here

Troy, MI is one of the most dynamic and livable cities in Michigan, and the country. Troy is renowned for A+ rated schools, excellent public services, and a community that's [second to none](#).

Work Here

Troy is a vibrant business and technology center, home to over 6,100 thriving businesses -- everything from high tech to high finance -- that [employ 125,000](#).

Play Here

With world-class shopping, unparalleled dining, and over 900 acres of parklands, Troy is a great place to [relax and have fun](#).

City Updates

Economic Development

City Services

City News

Parks and Recreation 5 Year Master Plan Public Meeting will be held Thursday, January 17, 2013 at 6:30 pm, Troy Community Center, Room 402. Everyone is invited. Public Meeting Info [Click here](#).

Public Sidewalk Snow Removal. [Check out the City's Policy](#)

[CNN Money](#) listed Troy as one of America's top 100 best places to live.

Link to Information on Troy's [Multi-Modal Transit Center](#).



Events

[Troy Colt Drum Line Holding Can and Bottle Drive After Super Bowl](#)

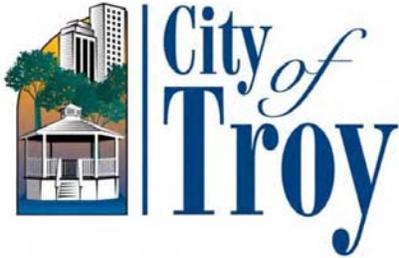
Date: February 4
Location: Troy High School Auditorium Circle, 4777 Northfield Pkwy

[City Council Special Study Meeting](#)

Date: February 4
Location: Council Board Room

[City Council Meeting](#)

Date: February 4
Location: City Council Chambers



Attachment 3

Front page of www.troyrecplan.com



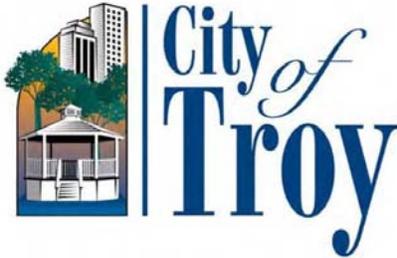
Let's Make Improvements To Your Parks

Communities adopt a Parks and Recreation Plan every five years, which helps to define the vision, scope, and goals for these services moving forward. The 5-Year Plan also helps to determine whether the direction of the Parks and Recreation Department meets the desires of residents and to sustainable government resources. With the expiration of the current Parks and Recreation 5-Year Plan, City of Troy staff has begun a comprehensive re-evaluation of the Plan to guide the development of a more realistic vision for the future of Troy's parks and recreation service offerings.

Although the City of Troy actively works to provide residents with the high quality services that they expect, the previous 5-Year Plan indicated improvements and areas of concern from the Parks and Recreation Departments that are no longer realistic. Since 2008, the City of Troy has faced several years of drastically declining revenues. Between the 2007/08 and 2012/13 fiscal years, the total City budget has decreased from over \$101 million to \$131 million, a drop of \$30 million in 5 years. The combined budgets for the Parks and Recreation Departments have dropped

[View the Survey](#)





Attachment 4

E-Mail Notifications to City of Troy, MI List Serve

- November 26, 2012: “Take Part in a Survey for Troy Parks and Recreation Plan – 2012 Strategic Planning Process”
- January 3, 2013: Take Part in Troy Parks and Recreation 5-Year Master Plan Public Meeting

From: [City of Troy, Michigan](#)
To: [Justin Breyer](#)
Subject: Corrected link attached - Take Part in a Survey for Troy Parks and Recreation Plan - 2012 Strategic Planning Process
Date: Monday, November 26, 2012 4:48:26 PM

Troy News Header



[Take Part in a Survey for Troy Parks and Recreation Plan](#)

(TROY, MI) –With the expiration of the former Parks and Recreation 5-Year Plan, City of Troy staff has begun a comprehensive re-analysis of the Plan to guide the development of a realistic vision for the future of Troy’s Parks and Recreation service offerings.

Although the City of Troy actively works to provide residents with the high quality services that they expect, the previous 5-Year Plan indicated improvements and levels of service from the Parks and Recreation Departments that may no longer be realistic.

In the previous 5-Year Plan, 12 parcels of land were identified as “future park sites.” Since the Plan was put into implementation, 3 of these sites have been improved (Gateway Park, Milverton Park, Big Beaver Road Park). The remainders of the “future park sites” are undeveloped. Due to financial limitations, it appears unlikely that these sites will be developed in the next 5 years.

This survey is intended to assist the City in determining the need for parks and recreation facilities and programming today and in the future. The survey can be accessed online through this link:

<http://troyrecplan.com/>

The survey will be available from November 26 until December 21.



Update your subscriptions, modify your password or e-mail address, or stop subscriptions at any time on your [Subscriber Preferences Page](#). You will need to use your e-mail address to log in. If you have questions or problems with the subscription service, please contact support@govdelivery.com.

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From: [City of Troy, Michigan](#)
To: [Justin Breyer](#)
Subject: Take Part in Troy Parks and Recreation 5-Year Master Plan Public Meeting
Date: Thursday, January 03, 2013 1:56:53 PM

Troy News Header



Take Part in a Troy Parks and Recreation 5-Year Master Plan Public Meeting

(TROY, MI) – Troy residents and business owners are invited to take part in a Parks and Recreation 5-Year Master Plan Public Meeting on Thursday, January 17, 6:30 pm at the Troy Community Center, Room 402. Share your ideas for Troy's Parks and Recreation. All residents will have the opportunity to engage in participatory activities in order to build a plan that will determine the direction of Troy's Parks and Recreation services for the next five years.

For more information about the Parks and Recreation Master Plan or if you are unable to attend, please visit www.troyrecplan.com.

Communities adopt a Parks and Recreation Plan every five years, which helps to define the vision, scope, and goals for these services moving forward. The 5-Year Plan also helps to determine whether the direction of the Parks and Recreation Department matches the desires of residents and is sustainable given available resources. With the expiration of the former Parks and Recreation 5-Year Plan, City of Troy staff has begun a comprehensive re-analysis of the Plan to guide the development of a more realistic vision for the future of Troy's Parks and Recreation service offerings.

Although the City of Troy actively works to provide residents with the high quality services that they expect, the previous 5-Year Plan indicated improvements and levels of service from the Parks and Recreation Departments that are no longer realistic. Since 2008, the City of Troy has faced several years of drastically declining revenues. Between the 2007/08 and 2012/13 fiscal years, the total City budget has decreased from over \$151 million to \$131 million, a drop of \$20 million in 5 years. The combined budgets for the Parks and Recreation Departments have dropped from \$9.5 million to \$6.2 million, a \$3.3 million or 35% reduction.

In the previous 5-Year Plan, 12 pieces of land were identified as "future park sites." Since the Plan was implemented, three of these sites have been improved (Gateway Park, Milverton Park, Big Beaver Road Park). The remainder of the "future park sites"

are undeveloped and due to financial limitations, it is unlikely that these sites will be developed in the next five years.

For residents and business owners that will be unable to attend these Public Input Sessions (second one is scheduled for February 21) , please make your comments known by visiting the City of Troy's 5-Year Parks and Recreation development website at www.troyrecplan.com, take the online survey and comment on the MI Community Remarks Map.

###

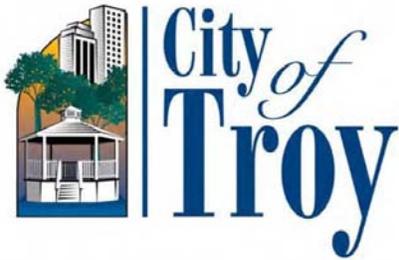


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This email was sent to j.breyer@troymi.gov using GovDelivery, on behalf of: City of Troy, Michigan · 500 W. Big Beaver Rd. · Troy, MI 48084 · 248-524-3300





Attachment 5

Troy Times: January 7, 2013 "Take Part in Shaping City's
Parks and Recreation Plan"

Take part in shaping city's parks and recreation plan

BY TERRY OPARKA
toparka@candgnews.com

Hoping for some more picnic tables or trails at your neighborhood park? Those who live and work in Troy can have a say in how the city shapes its 5-Year Parks and Recreation Master Plan.

Troy City Planning Director Brent Savi-

dant explained that, every five years, the Michigan Department of Natural Resources requires municipalities to redefine or update their parks and recreation plans, in order to be eligible to apply for grant funding. Savidant said that, while the city hasn't pursued the grants in the past, it is good practice to update the plan every five years. They may pursue grants in the future, but there have

been no matching funds to do so since the economic downturn.

"It allows the community to prioritize goals," he said.

To that end, those who wish to help define what parks and recreation programs will look like in Troy may complete a survey online or attend community forums to talk with city leaders about improvements to

parks and levels of service.

Ben Carlisle of Carlisle/Wortman Associates, the city's planning consultant, said the survey allows people to leave specific comments on geographic areas in the city.

The site, www.troyrecplan.com, features the 17 existing municipal parks, as well as undeveloped sites of proposed parks, and

See PLAN on page 15A

Plan

from page 1A

lets users leave specific comments or suggestions — for upgrades or maintenance on existing parks or requests to develop areas as parkland, for example. Also, users can see comments others have already made.

Savidant said that the plan will address the question, "Is it realistic to develop some or all of the parkland, in light of economic challenges?"

The combined budgets for the Parks and Recreation departments dropped from \$9.5 million in 2007-08 to \$3.3 million in 2012-13. In the last five-year plan, 12 pieces of land were designated as future park sites. Of those, three were developed: Gateway Park, Milverton Park and Big Beaver Road Park. The remaining sites are undeveloped and are likely to remain so, due to financial limitations, Savidant said.

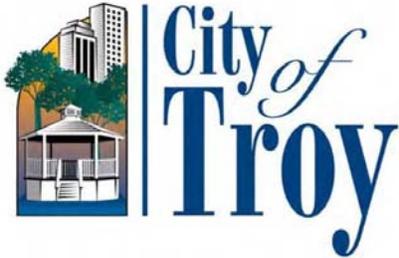
"It's very important that residents are involved in this process," Savidant said. "Your vote counts, and you can continue to be involved."

"The survey is an attempt to look at the big picture," Carlisle added.

At press time, more than 750 people had responded to the survey. It will remain live until after a Jan. 17 public forum. "We've had good feedback so far," Savidant said. "It's also a referendum on how well the Parks and Recreation departments are doing with limited resources."

After the public forums, the Parks and Recreation Board, then the Planning Commission, will review the plan before it goes to the City Council for consideration and approval in coming months.

*The first public input session will be held at 6:30 p.m. Jan. 17 at the Troy Community Center, 3179 Liver-
nois. There will be another session held in February. Take the survey online at www.troyrecplan.com.*



Attachment 6

TroyPatch: January 16, 2013 "Public Input Wanted on
Parks & Recreation Plan"


Safer swimming begins at Goldfish Swim School!
 www.GoldfishSwimSchool.com Located in the heart of Birmingham and Rochester. Enroll online!

TroyPatch  20°

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Public Input Wanted on Parks & Recreation Plan

Residents are encouraged to fill out a survey to help determine the future of parks and recreation in the City of Troy.

By [Judy Davids](#) [Email the author](#) | January 16, 2013

 Recommend 16  Tweet 1  Email  Print  Comment

Related Topics: [Parks and Recreation Plan](#)



Communities adopt a Parks and Recreation Plan every five years, which helps to define the vision, scope, and goals for these services moving forward. The 5-Year Plan also helps to determine whether the direction of the Parks and Recreation Departments matches the desires of residents and is sustainable given available resources.

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In the previous 5-Year Plan, 12 pieces of land were identified as "future park sites." Since the Plan was put into implementation, 3 of these sites have been improved (Gateway Park, Milverton Park, Big Beaver Rd. Park). The remainders of the "future park sites" are undeveloped and due to financial limitations, it is unlikely that these sites will be developed the in next 5 years.

Share your ideas

Residents are encouraged to provide input. [Please click here to take the survey.](#)

Source: City of Troy

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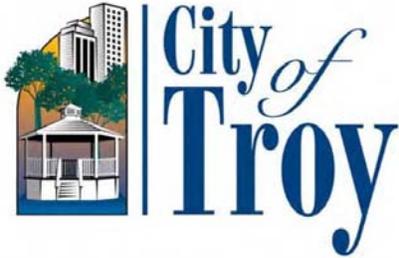
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Attachment 7

Survey Monkey: Troy Parks and Recreation Plan Public Survey
with Results

1. My family and/or I participate in the programs and services offered by Troy Parks and Recreation Departments:

		Response Percent	Response Count
Never		9.5%	83
Infrequently (5 times a year)		31.0%	270
Frequently (6-10 times a year)		23.9%	208
Very regularly (over 10 times a year)		35.6%	310
answered question			871
skipped question			22

2. Which of the following recreation facilities in Troy parks do you or your family use?

	Check all that may apply	Rating Count
Baseball / Softball Diamonds	100.0% (201)	201
Basketball Courts	100.0% (82)	82
Bocce & Shuffleboard Courts	100.0% (21)	21
Cricket Field	100.0% (6)	6
Disc Golf Courses	100.0% (101)	101
Fitness Walking Trails	100.0% (442)	442
Fishing Dock	100.0% (44)	44
Golf Courses	100.0% (411)	411
Passive Nature Areas	100.0% (379)	379
Picnic Structures	100.0% (299)	299
Play Structures/ Equipment	100.0% (317)	317
Sand Volleyball Courts	100.0% (67)	67
Skateboarding Park	100.0% (36)	36
Soccer Fields	100.0% (206)	206
Swimming Pools	100.0% (340)	340
Tennis Courts	100.0% (178)	178
	answered question	826
	skipped question	67

**3. Which of the following recreation facilities in Troy parks would you like to see more?
Please mark THREE in order of priority:**

	First Choice	Second Choice	Third Choice	Rating Count
Baseball / Softball Diamonds	34.7% (25)	37.5% (27)	27.8% (20)	72
Basketball Courts	34.2% (13)	36.8% (14)	28.9% (11)	38
Bocce & Shuffleboard Courts	25.0% (9)	25.0% (9)	50.0% (18)	36
Cricket Field	23.1% (3)	15.4% (2)	61.5% (8)	13
Disc Golf Courses	43.2% (19)	25.0% (11)	31.8% (14)	44
Dog Park	56.5% (121)	22.0% (47)	21.5% (46)	214
Fitness Center	44.6% (79)	30.5% (54)	24.9% (44)	177
Fishing Dock	35.8% (19)	30.2% (16)	34.0% (18)	53
Golf Courses	66.5% (115)	19.7% (34)	13.9% (24)	173
Ice Skating Rink	33.5% (54)	35.4% (57)	31.1% (50)	161
Multipurpose Trails	39.3% (157)	35.3% (141)	25.3% (101)	399
Nature Center	37.7% (81)	38.1% (82)	24.2% (52)	215
Passive Nature Areas	24.4% (52)	31.9% (68)	43.7% (93)	213
Paths	24.6% (67)	38.6% (105)	36.8% (100)	272
Pickleball Courts	63.5% (40)	14.3% (9)	22.2% (14)	63
Picnic Structures	18.8% (15)	41.3% (33)	40.0% (32)	80
Play Structures / Equipment	40.1% (55)	26.3% (36)	33.6% (46)	137
Sand Volleyball Courts	31.8% (7)	22.7% (5)	45.5% (10)	22
Skateboarding Park	0.0% (0)	21.4% (3)	78.6% (11)	14
Soccer Fields	32.7% (17)	30.8% (16)	36.5% (19)	52
Swings	24.4% (10)	29.3% (12)	46.3% (19)	41
Tennis Courts	38.0% (30)	32.9% (26)	29.1% (23)	79

Volleyball Courts	20.6% (7)	17.6% (6)	61.8% (21)	34
			Other (please specify)	72
			answered question	838
			skipped question	55

4. From the following list of City parks or facilities, please tell us how often you used each park in the past year:

	Never	1 to 5 times	6 to 10 times	More than 10 times	Rating Count
Beach Road Park (Beach Road and Tranquil Drive)	81.4% (460)	14.2% (80)	2.5% (14)	1.9% (11)	565
Beaver Trail Park (Pasadena Drive)	87.4% (485)	6.8% (38)	0.5% (3)	5.2% (29)	555
Boulan Park (Crooks Road and McManus Drive)	31.8% (205)	43.0% (277)	10.9% (70)	14.3% (92)	644
Brinston Park (Brinston Drive)	79.6% (437)	12.4% (68)	3.3% (18)	4.7% (26)	549
Flynn Park (South Boulevard)	66.7% (374)	22.1% (124)	5.9% (33)	5.3% (30)	561
Firefighters Park (Square Lake Road)	29.9% (199)	38.0% (253)	13.2% (88)	18.9% (126)	666
Gateway Park (Big Beaver Road and Rochester Road)	92.6% (491)	5.5% (29)	1.1% (6)	0.8% (4)	530
Huber Park (Civic Center Drive)	78.1% (420)	16.0% (86)	3.0% (16)	3.0% (16)	538
Jaycee Park (Long Lake Road)	42.6% (263)	32.4% (200)	10.7% (66)	14.3% (88)	617
Lloyd A. Stage Nature Center (Coolidge Highway)	46.8% (288)	36.0% (222)	8.4% (52)	8.8% (54)	616
Milverton Park (Maple Road)	91.6% (488)	6.2% (33)	0.8% (4)	1.5% (8)	533
North Glen Park (Elmoor Drive)	96.9% (507)	2.1% (11)	0.8% (4)	0.2% (1)	523
Raintree Park (John R Road and Raintree Park Entrance Drive)	43.0% (260)	38.3% (232)	8.3% (50)	10.4% (63)	605
Redwood Park (Redwood Drive)	97.7% (511)	1.9% (10)	0.2% (1)	0.2% (1)	523

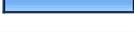
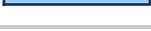
Robinwood Park (Robinwood Drive)	93.6% (494)	3.0% (16)	0.8% (4)	2.7% (14)	528
Schroeder Park (Beach Road)	88.9% (473)	7.7% (41)	1.3% (7)	2.1% (11)	532
Sanctuary Lake Golf Course (South Boulevard)	46.6% (290)	31.0% (193)	10.9% (68)	11.4% (71)	622
Sylvan Glen Golf Course (Rochester Road)	39.6% (256)	31.5% (204)	13.4% (87)	15.5% (100)	647
Sylvan Glen Park (Rochester Road)	63.5% (357)	27.2% (153)	4.3% (24)	5.0% (28)	562
Troy Aquatic Center (Civic Center Drive)	49.2% (296)	31.2% (188)	10.8% (65)	8.8% (53)	602
Troy Civic Center Park (Civic Center Drive)	60.6% (339)	27.4% (153)	6.3% (35)	5.7% (32)	559
Troy Community Center (Livernois Road)	18.9% (129)	29.8% (203)	14.2% (97)	37.0% (252)	681
Troy Farm (South Boulevard)	75.8% (411)	19.4% (105)	1.7% (9)	3.1% (17)	542
Troy Historic Village (Wattles Road)	53.7% (314)	36.6% (214)	5.0% (29)	4.8% (28)	585
Troy Skate Park (Town Center Drive)	91.0% (476)	6.7% (35)	1.7% (9)	0.6% (3)	523
answered question					814
skipped question					79

5. Please rate your satisfaction with City parks on a scale of 1 to 4, where 1 means “very satisfied” and 4 means “very dissatisfied” :

	1- Very Satisfied	2- Somewhat Satisfied	3- Somewhat Dissatisfied	4- Very Dissatisfied	Don't Know	Rating Count
Beach Road Park (Beach Road and Tranquil Drive)	10.9% (54)	10.7% (53)	1.2% (6)	1.2% (6)	76.0% (376)	495
Beaver Trail Park (Pasadena Drive)	8.5% (41)	6.8% (33)	2.5% (12)	1.0% (5)	81.2% (392)	483
Boulan Park (Crooks Road and Boulan Park Drive)	38.4% (223)	27.6% (160)	2.4% (14)	1.6% (9)	30.0% (174)	580
Brinston Park (Brinston Drive)	14.0% (68)	11.5% (56)	2.3% (11)	0.8% (4)	71.4% (347)	486
Flynn Park (South Boulevard)	19.6% (98)	13.2% (66)	2.6% (13)	1.8% (9)	62.7% (313)	499
Firefighters Park (Big Beaver Road)	45.2% (275)	24.3% (148)	2.1% (13)	1.8% (11)	26.6% (162)	609
Gateway Park (Big Beaver Road and Rochester Road)	6.4% (30)	4.9% (23)	2.6% (12)	5.1% (24)	80.9% (378)	467
Huber Park (Civic Center Drive)	10.4% (50)	9.3% (45)	2.7% (13)	1.0% (5)	76.6% (370)	483
Jaycee Park (Long Lake Road)	32.4% (178)	23.3% (128)	4.0% (22)	1.6% (9)	38.7% (213)	550
Lloyd A. Stage Nature Center (Coolidge Highway)	34.8% (194)	19.4% (108)	4.1% (23)	2.0% (11)	39.8% (222)	558
Milverton Park (Maple Road)	6.7% (32)	5.2% (25)	2.1% (10)	1.0% (5)	85.0% (408)	480
North Glen Park (Hurst Drive)	3.9% (18)	2.8% (13)	0.6% (3)	0.9% (4)	91.8% (424)	462
Raintree Park (John R Road and Raintree Park Entrance Drive)	28.2% (154)	26.7% (146)	4.6% (25)	2.7% (15)	37.7% (206)	546
Redwood Park (Redwood Drive)	4.7% (22)	2.6% (12)	1.5% (7)	0.6% (3)	90.5% (421)	465
Robinwood Park (Robinwood Drive)	6.2% (29)	5.2% (24)	1.3% (6)	0.6% (3)	86.7% (403)	465
Schroeder Park (Beach Road)	6.6% (31)	7.4% (35)	1.5% (7)	0.6% (3)	83.9% (396)	472
Sanctuary Lake Golf Course (South Boulevard)	28.5% (169)	21.6% (128)	5.6% (33)	3.2% (19)	41.0% (243)	592
Sylvan Glen Golf Course (Rochester Road)	36.3% (222)	21.9% (134)	4.9% (30)	2.3% (14)	34.5% (211)	611

Sylvan Glen Park (Rochester Road)	15.7% (81)	16.5% (85)	6.6% (34)	2.3% (12)	58.9% (304)	516
Troy Aquatic Center (Civic Center Drive)	34.1% (186)	19.8% (108)	4.4% (24)	3.7% (20)	38.0% (207)	545
Troy Civic Center Park (Civic Center Drive)	20.1% (104)	19.5% (101)	4.8% (25)	1.5% (8)	54.0% (279)	517
Troy Community Center (Livernois Road)	49.5% (313)	25.5% (161)	4.0% (25)	3.2% (20)	17.9% (113)	632
Troy Farm (South Boulevard)	12.9% (64)	12.0% (60)	5.0% (25)	1.8% (9)	68.3% (340)	498
Troy Historic Village (Wattles Road)	35.0% (189)	17.8% (96)	3.0% (16)	2.2% (12)	42.0% (227)	540
Troy Skate Park (Town Center Drive)	7.0% (33)	7.4% (35)	2.1% (10)	1.3% (6)	82.2% (388)	472
					answered question	782
					skipped question	111

6. Please check all the reasons that prevent you or other members of your household from using Parks or Recreation Facilities:

		Response Percent	Response Count
Facilities are not well maintained		7.0%	42
Desired program or facility not offered		24.0%	144
Facilities do not have the right equipment		11.8%	71
Security is insufficient		5.7%	34
Lack of quality programs		7.3%	44
Health problems		4.8%	29
Program costs are too high		20.5%	123
Program times are not convenient		18.2%	109
Use services of other organizations		14.2%	85
Poor customer service by staff		3.7%	22
I do not know locations of facilities		19.2%	115
Availability of parking		4.8%	29
I do not know what is being offered		21.8%	131
Facilities operating hours not convenient		5.8%	35
Don't have time		43.8%	263
Registration for programs is difficult		2.3%	14
	Other (please specify)		131
answered question			600
skipped question			293

7. Please indicate whether you were aware of the following City of Troy cost-savings initiatives related to the Parks and Recreation Departments

	I was aware	I was unaware	Rating Count
That the Lloyd A. Stage Nature Center is operated through contract by the Troy Nature Society non-profit group	64.8% (509)	35.2% (277)	786
That the Troy Historic Village is operated through contract by the Troy Historical Society non-profit group	70.9% (555)	29.1% (228)	783
That the Troy Community Center offers discounts to people that work in Troy	70.4% (556)	29.6% (234)	790
That Recreation Department programs are required to break even on the revenue generated by user fees	40.8% (320)	59.2% (464)	784
		answered question	794
		skipped question	99

8. In your opinion, how important are the following for Troy parks and recreation services?

	very important	important	somewhat important	not important	no opinion	Rating Count
Maintaining existing recreation programs	59.3% (457)	26.6% (205)	8.8% (68)	3.0% (23)	2.3% (18)	771
Expand recreational programming offerings	28.7% (217)	23.9% (181)	25.9% (196)	17.9% (135)	3.6% (27)	756
Maintaining and upgrading/renovating existing parks	49.7% (381)	34.6% (265)	10.8% (83)	3.0% (23)	2.0% (15)	767
Developing more indoor recreation space	16.9% (127)	19.9% (149)	30.8% (231)	27.2% (204)	5.2% (39)	750
Developing a City-wide system of pathways & trails for walking and biking	52.3% (406)	23.4% (182)	13.3% (103)	9.0% (70)	2.1% (16)	777
Acquiring and/or developing new parks and open spaces	17.0% (129)	18.5% (141)	26.3% (200)	35.0% (266)	3.3% (25)	761
				Other (please specify)		75
				answered question		795
				skipped question		98

9. Should existing parks be improved?

		Response Percent	Response Count
Yes		75.5%	580
No		24.5%	188
		answered question	768
		skipped question	125

10. Should City-owned land be improved as new parks?

		Response Percent	Response Count
Yes		48.7%	372
No		51.3%	392
answered question			764
skipped question			129

11. What other sources of revenue should City administration consider to keep funding steady for current programs? (please check all that apply)

		Response Percent	Response Count
User Fees		55.1%	407
Public-Private Partnerships		75.2%	555
Dedicated Millage		40.2%	297
Other (please specify)			58
answered question			738
skipped question			155

12. What other sources of revenue should City administration consider to fund capital improvements including development of new parks? (please check all that apply)

		Response Percent	Response Count
Grants		78.6%	581
Public-Private Partnerships		74.7%	552
Dedicated Millage		33.3%	246
	Other (please specify)		42
answered question			739
skipped question			154

13. Residency?

		Response Percent	Response Count
City of Troy Resident		86.7%	700
Non-Resident		13.3%	107
answered question			807
skipped question			86

14. I have resided in Troy for:

		Response Percent	Response Count
Less than one year		1.5%	12
1 – 3 years		3.9%	31
4 - 10 years		10.5%	83
11-20 years		24.6%	195
21+ years		49.3%	391
I do not reside in Troy		10.2%	81
answered question			793
skipped question			100

15. The number of children in your household:

		Response Percent	Response Count
Zero		51.4%	414
One		12.8%	103
Two		24.3%	196
Three		8.1%	65
Four or More		3.4%	27
answered question			805
skipped question			88

16. My sex is:

		Response Percent	Response Count
Male		53.9%	426
Female		46.1%	365
answered question			791
skipped question			102

17. My age is:

		Response Percent	Response Count
Under 20 years		1.1%	9
21-30 years		4.0%	32
31-40 years		11.1%	88
41-50 years		23.1%	184
51-60 years		24.4%	194
61+ years		36.2%	288
answered question			795
skipped question			98

18. My ethnicity is:

		Response Percent	Response Count
Asian		4.4%	33
African – American / Black		1.5%	11
Caucasian / White		91.2%	684
Hispanic		0.8%	6
Native American		0.1%	1
Multi-racial		2.0%	15
Other (please specify)			22
answered question			750
skipped question			143

19. My family household Income is:

		Response Percent	Response Count
\$0-25,000		3.8%	25
\$25,000-50,000		10.4%	69
\$50-100,000		36.9%	244
\$100,000-150,000		26.9%	178
\$150,000 +		21.9%	145
answered question			661
skipped question			232

20. My educational attainment is:

		Response Percent	Response Count
Some High School		0.3%	2
High School Graduate		3.0%	24
Some College – No Degree		11.6%	92
Associates Degree		6.3%	50
Bachelor's Degree		40.0%	316
Master's Degree or higher		38.7%	306
answered question			790
skipped question			103

21. Please use this space for additional comments you may have on Troy Parks and Recreation Departments:

	Response Count
	305
answered question	305
skipped question	588

Page 2, Q3. Which of the following recreation facilities in Troy parks would you like to see more? Please mark THREE in order of priority:

1	Senior Programs at Community Center (non-athletic, hobbies)	Feb 8, 2013 1:24 PM
2	Long bike trail	Jan 20, 2013 4:44 AM
3	Huge Physical Exercise equipment outdoor Park , with all levels of difficulty, for whole families at once and also for wheelchair/handicapped people all together. I was at one in Lewiston, Pennsylvania 5 or so years back.	Jan 18, 2013 3:59 PM
4	Nature trails and surrounding protected habitat for wildlife	Jan 18, 2013 11:50 AM
5	Bike Paths like Rochester has	Jan 16, 2013 4:57 PM
6	Indoor bocce courts, there would be seniors standing in line to join leagues.	Jan 16, 2013 12:41 PM
7	Bike trails!	Jan 16, 2013 9:47 AM
8	Bike paths	Jan 15, 2013 12:35 PM
9	Drinking water	Jan 15, 2013 11:22 AM
10	BMX or mountain biking	Jan 15, 2013 8:36 AM
11	SNOW HILL e.g. Mad.Hts., Ferndale	Jan 14, 2013 7:48 PM
12	First Priority: A bicycle dirt jumping area to supplement the skatepark	Jan 14, 2013 8:17 AM
13	trails for cycling and running	Jan 13, 2013 2:47 PM
14	Mountain biking trails	Jan 13, 2013 1:15 PM
15	linking parks with safe paths, and linking with the many Oakland county rail trails	Jan 13, 2013 12:46 PM
16	A large heated therapy pool so senior citizens can walk as exercise	Jan 12, 2013 6:11 PM
17	dog park	Jan 12, 2013 8:46 AM
18	Troy Cowboys Football Field @ Firefighters Park	Jan 11, 2013 12:38 PM
19	Please finish the sidewalks on the mile roads.	Jan 11, 2013 12:26 PM
20	bandshell for outdoor concerts or larger auditorium for indoor performances	Jan 10, 2013 8:30 PM
21	# 1 Senior Garden Site with restrooms available	Jan 10, 2013 7:31 AM
22	Troy Senior Gardens - 70 gardens and four raised =74	Jan 9, 2013 4:20 PM
23	linear park for bike riding from north to south in a park setting	Jan 9, 2013 2:42 PM
24	Baseball fields with grass infields. Another nice complex needs to be added so the high schools don't have to be used for city purposes.	Jan 6, 2013 7:35 PM
25	Live music / bandshell	Jan 3, 2013 5:02 PM

Page 2, Q3. Which of the following recreation facilities in Troy parks would you like to see more? Please mark THREE in order of priority:

26	Rollerblade (in-line skate) smooth trails	Dec 31, 2012 6:45 AM
27	I use the community center (great) and golf courses	Dec 11, 2012 11:46 AM
28	3 pools	Dec 10, 2012 3:57 PM
29	olympic pools	Dec 10, 2012 8:49 AM
30	Pickleball courts	Dec 7, 2012 7:14 AM
31	Passive Nature Areas, Golf Courses, Soccer Fields, Swings, Nature Center, Picnic Structures, Basketball Courts.	Dec 7, 2012 5:30 AM
32	swimming pools	Dec 6, 2012 5:47 PM
33	Bar-b-que areas with disposal cans	Dec 6, 2012 2:41 PM
34	Bicycle Trails	Dec 6, 2012 1:29 PM
35	More safe areas to Bike with a road bike	Dec 6, 2012 12:53 PM
36	none - no desire to see more facilities	Dec 6, 2012 12:07 PM
37	Adaptive	Dec 5, 2012 7:23 AM
38	More community garders	Dec 3, 2012 10:48 AM
39	Bike trails	Dec 3, 2012 9:10 AM
40	More available pickleball courts	Dec 3, 2012 8:04 AM
41	Bike Paths	Nov 30, 2012 8:25 PM
42	Mountain Biking Paths	Nov 29, 2012 7:52 AM
43	larger water park-lazy river	Nov 29, 2012 7:40 AM
44	outdoor floor hockey	Nov 29, 2012 5:53 AM
45	off-road bike trails	Nov 28, 2012 6:47 PM
46	#1 INDOOR TRACK TO WALK AROUND; THESE ARE GETTING TO BE EXTINCT	Nov 28, 2012 7:43 AM
47	Splash parks (first choice)	Nov 28, 2012 2:30 AM
48	Trails & Pathways - walking, jogging, bicycle; linked plan	Nov 27, 2012 5:22 PM
49	Bicycle trails	Nov 27, 2012 3:07 PM
50	Not sure more are needed	Nov 27, 2012 2:01 PM
51	Bike paths/lanes	Nov 27, 2012 1:52 PM

Page 2, Q3. Which of the following recreation facilities in Troy parks would you like to see more? Please mark THREE in order of priority:

52	lighted trails	Nov 27, 2012 10:37 AM
53	no more	Nov 27, 2012 8:51 AM
54	veledrome	Nov 27, 2012 7:14 AM
55	Swimming Pools	Nov 27, 2012 7:04 AM
56	urban fishing	Nov 27, 2012 6:30 AM
57	It is critical that Troy preserves open, natural park land. Think of Royal Oak and it's reputation for excellent and plentiful park area - NY's Central Park...	Nov 27, 2012 6:05 AM
58	A bike/walk path like Paint Creek in Rochester, etc. Even Detroit has this and yet the Troy can't get this together for their residents - absurd.	Nov 27, 2012 5:34 AM
59	Bike Trails - in parks and through the City	Nov 27, 2012 5:12 AM
60	Trees and sidewalks along all major streets with lighting	Nov 27, 2012 5:04 AM
61	bike trails	Nov 27, 2012 4:46 AM
62	New residents as of July 2012 our children are adults but have grandchildren.	Nov 27, 2012 4:33 AM
63	Swimming pools	Nov 26, 2012 6:57 PM
64	Trails for biking...but thought this is mulitpurpose...	Nov 26, 2012 6:29 PM
65	gun range	Nov 26, 2012 6:19 PM
66	bike trails	Nov 26, 2012 5:54 PM
67	Dog Play Area	Nov 26, 2012 5:18 PM
68	i prefer the family oriented events involving the family vs events such as baseball or soccer that is more a team event.	Nov 26, 2012 5:15 PM
69	none	Nov 26, 2012 3:20 PM
70	senior center	Nov 26, 2012 1:57 PM
71	R/C flying field	Nov 26, 2012 1:55 PM
72	Bike trails and bike lanes	Nov 26, 2012 1:51 PM

Page 4, Q6. Please check all the reasons that prevent you or other members of your household from using Parks or Recreation Facilities:

1	Handicapped not enough at all doors. Back too far to walk to activities except lunch	Feb 8, 2013 1:26 PM
2	Some program costs are too high. OMPT 1 hr class drop in costs are cheaper than community center	Jan 26, 2013 1:30 PM
3	None	Jan 26, 2013 1:18 PM
4	TROY NEEDS LESS GOLF COURSE AND MORE DOG PARKS	Jan 25, 2013 1:22 PM
5	Troy community center could use a larger weight room	Jan 20, 2013 4:49 AM
6	The Troy nature Center needs to be staffed again.	Jan 19, 2013 2:12 PM
7	Stage Nature center needs more staff	Jan 18, 2013 4:30 PM
8	not a Troy Resident	Jan 18, 2013 7:51 AM
9	No reasons prevent us from using them	Jan 18, 2013 6:49 AM
10	On leash regulation at parks not monitored or enforced. Too many people pretending they have off leash control. Doesn't feel safe to walk my dog.	Jan 17, 2013 6:04 PM
11	Troy Farm not open due to no bathroom facilities	Jan 17, 2013 12:38 PM
12	lack of walking or running paths	Jan 16, 2013 7:06 PM
13	We utilize facilities quite a bit	Jan 16, 2013 5:53 PM
14	Community center classrooms are dirty. Historic Village & Troy Nature Center need more operating funds	Jan 16, 2013 5:04 PM
15	don't have kids	Jan 16, 2013 3:04 PM
16	Should be discounts for senior citizens	Jan 14, 2013 7:53 PM
17	lap pool space extremely limited	Jan 14, 2013 6:01 PM
18	Garbage cans are not provided year-round	Jan 13, 2013 2:54 PM
19	Snow mobiles and other motorized off road vehicles being used in Brinston Park	Jan 13, 2013 12:58 PM
20	lack of connecting paths to bike or walk to the parks	Jan 13, 2013 12:53 PM
21	Many areas not senior friendly - no close parking, no paved walkways.	Jan 13, 2013 5:43 AM
22	Rules and regulations are prohibitive in some ways, especially regarding restrictions saying that all who use parks or rent a facility for a family event, must all be Troy Residence. And, then we have to give you a list of participants. That does not work for me.	Jan 12, 2013 7:48 PM
23	aggressive Chinese women make me afraid	Jan 12, 2013 6:18 PM

Page 4, Q6. Please check all the reasons that prevent you or other members of your household from using Parks or Recreation Facilities:

24	Difficult to get to without a vehicle	Jan 12, 2013 2:20 PM
25	no desire on my part to use the facilities	Jan 12, 2013 10:04 AM
26	NO Restrooms Sylvan lake park!!!! City should fund nature center again!!!	Jan 12, 2013 6:02 AM
27	many parks are parking lots for non-residents	Jan 11, 2013 1:51 PM
28	Protect our vehicles in the lots...Can we get Cameras??	Jan 11, 2013 12:42 PM
29	if we could bike there it would be preferrable.	Jan 11, 2013 12:32 PM
30	Cuts at Troy Farms, Bathrooms closed, High Fees	Jan 9, 2013 4:25 PM
31	not really intrested in the other parks	Jan 9, 2013 2:49 PM
32	Fitness Center music decibel level was too high some years ago, so switched to LA Fitness	Jan 9, 2013 1:38 PM
33	location not convenient	Jan 3, 2013 5:21 PM
34	i am very satisfied with what you have to offer-and thankful!	Jan 3, 2013 2:23 PM
35	All need restroom facilities open year round	Jan 3, 2013 11:54 AM
36	Sanctuary doesn't have any golf leagues, green fees too high	Dec 12, 2012 6:39 AM
37	requesting more indoor and outdoor pickleball courts	Dec 10, 2012 3:30 PM
38	Current outdoor pickleball courts (4) are inadequate and too few	Dec 10, 2012 9:56 AM
39	no reasons for preventing	Dec 8, 2012 8:30 PM
40	Need more pickleball courts &/or court time	Dec 8, 2012 8:20 AM
41	Looking for bike paths, similar to Stoney Creek	Dec 8, 2012 6:10 AM
42	none	Dec 8, 2012 3:38 AM
43	What we use is based on location.	Dec 7, 2012 3:51 PM
44	Please offer more at the Troy Nature Center!	Dec 7, 2012 1:21 PM
45	no other reason than interest and time	Dec 7, 2012 11:32 AM
46	Shortage of golf Carts at golf courses	Dec 7, 2012 7:22 AM
47	Golf plays too slow, not supervised appropriately	Dec 7, 2012 7:19 AM
48	We make a decision to partake in the services that appeal to us the best.	Dec 7, 2012 5:37 AM
49	more pickleball times and courts	Dec 7, 2012 4:09 AM

Page 4, Q6. Please check all the reasons that prevent you or other members of your household from using Parks or Recreation Facilities:

50	Did not know there was so many parks	Dec 6, 2012 2:51 PM
51	I don't reside in Troy	Dec 6, 2012 2:30 PM
52	public tennis courts are very full and busy all summer long	Dec 6, 2012 2:00 PM
53	using competitors services	Dec 6, 2012 1:16 PM
54	no reason to use them, due to age and lack of family activity	Dec 6, 2012 1:14 PM
55	Laziness	Dec 6, 2012 12:48 PM
56	none	Dec 6, 2012 12:33 PM
57	None apply would use all facilities	Dec 6, 2012 12:27 PM
58	We live in Royal Oak	Dec 6, 2012 12:19 PM
59	lights.. my friends and I want to play ultimate frisbee or football at night and thats not possible in Troy.	Dec 6, 2012 12:10 PM
60	cost as it relates to golf for Troy Citizens needs to be addressed. If our tax dollars support the operation, then the discounts need to be more in line based on the offering of golf that is provided from the facility.	Dec 6, 2012 11:52 AM
61	None.	Dec 6, 2012 11:47 AM
62	OUT OF TOWN--PLAY WHEN IN TOWN ON TRAVEL	Dec 6, 2012 11:41 AM
63	Golf prices are higher than comperable courses!!!	Dec 6, 2012 11:38 AM
64	Non-resident	Dec 6, 2012 11:33 AM
65	no liquor license at sanctuary	Dec 6, 2012 11:28 AM
66	Need more pickleball courts	Dec 5, 2012 6:05 PM
67	Lack of time allocated for pickleball players at community center	Dec 4, 2012 5:38 AM
68	We'd use them more if we had more time.	Dec 3, 2012 8:39 AM
69	lack pickleball facilities	Dec 3, 2012 8:12 AM
70	would visit the Stage Nature Center if it were open more with fulltime staff not just volunteers	Nov 30, 2012 10:50 AM
71	Age	Nov 30, 2012 10:27 AM
72	program cost is not too much difference between residents with non-residents.	Nov 29, 2012 4:47 PM
73	would like racquetball courts	Nov 29, 2012 4:08 PM
74	I am not at a stage of life that would cause me to use all the facilities.	Nov 29, 2012 6:55 AM

Page 4, Q6. Please check all the reasons that prevent you or other members of your household from using Parks or Recreation Facilities:

75	none	Nov 28, 2012 7:27 PM
76	Certain classes at Community Center have gotten too expensive. Better alternatives available for less cost.	Nov 28, 2012 7:00 PM
77	I do not live very close to the City of Troy.	Nov 28, 2012 9:11 AM
78	Want an INDOOR TRACK; Want a pool you can swim laps that is not too warm and have enough lanes	Nov 28, 2012 7:54 AM
79	none	Nov 28, 2012 3:31 AM
80	need bike trails	Nov 27, 2012 6:21 PM
81	Lack of linkage between sites; no sidewalks or "gaps"	Nov 27, 2012 5:29 PM
82	No dog park	Nov 27, 2012 3:45 PM
83	Only 1 close enough to bike to	Nov 27, 2012 1:36 PM
84	no children at home anymore	Nov 27, 2012 12:56 PM
85	just haven't had to experience some of them yet but plan to in the future	Nov 27, 2012 12:40 PM
86	I have had to send my children else where for open gym - specifically for open volleyball times, practice and private lessons	Nov 27, 2012 10:27 AM
87	Indoor open basketball -- always too crowded and full of adults. Need a child area	Nov 27, 2012 10:07 AM
88	TOO MANY RESRICTIONS ON ADULT HOBBY USE>	Nov 27, 2012 8:55 AM
89	no problems. love the parks that I use.	Nov 27, 2012 8:04 AM
90	facilities I visited are all good no complaints	Nov 27, 2012 7:40 AM
91	children are older	Nov 27, 2012 7:20 AM
92	not all facilities have restrooms	Nov 27, 2012 6:52 AM
93	no pathway into raintree park walkway from sub	Nov 27, 2012 6:25 AM
94	I try to use city services as much as time will allow.	Nov 27, 2012 5:34 AM
95	Bike access to and from parks	Nov 27, 2012 5:19 AM
96	Need a car to access, need more within walking distance	Nov 27, 2012 5:08 AM
97	haven't had a chance to yet but plan on using the aquatic and fitness center	Nov 27, 2012 4:36 AM
98	Dogs running loose in Firefighters Park	Nov 27, 2012 4:34 AM
99	Better bike paths	Nov 27, 2012 4:06 AM

Page 4, Q6. Please check all the reasons that prevent you or other members of your household from using Parks or Recreation Facilities:

100	Use some but not others - habits	Nov 26, 2012 10:57 PM
101	bring back kids soccer and floor hockey programs!	Nov 26, 2012 8:33 PM
102	I just use what is near my home.	Nov 26, 2012 8:24 PM
103	we used them all when children were young	Nov 26, 2012 8:11 PM
104	My kids are getting older, not in as many programs now.	Nov 26, 2012 7:59 PM
105	Too far	Nov 26, 2012 7:55 PM
106	I just never think about utilizing the facilities because I'm a senior.	Nov 26, 2012 7:41 PM
107	No longer have children in Troy.	Nov 26, 2012 7:14 PM
108	There is not enough information out there about all of the different facilities. I think the city needs to utilize their advertising and social media.	Nov 26, 2012 7:05 PM
109	Don't think about using the parks as often as I should.	Nov 26, 2012 7:00 PM
110	kids have grown and moved on. We exercise at other facilities	Nov 26, 2012 6:39 PM
111	location is not convenient	Nov 26, 2012 6:39 PM
112	poison ivy (there before and after the recession)	Nov 26, 2012 6:31 PM
113	LACK OF TIME	Nov 26, 2012 6:03 PM
114	location not convenient, Birmingham is more convenient	Nov 26, 2012 5:59 PM
115	We just use the facilities that are near to our home	Nov 26, 2012 5:50 PM
116	Use them, but not as often as I wish. Hope they are there when I retire.	Nov 26, 2012 5:35 PM
117	short on handicapp parking some parks	Nov 26, 2012 5:21 PM
118	i use them as i want to use them	Nov 26, 2012 5:18 PM
119	Nature Center is closed too often.	Nov 26, 2012 5:17 PM
120	Distance	Nov 26, 2012 5:04 PM
121	more tennis courts would be nice	Nov 26, 2012 4:52 PM
122	Waste of taxpayer money for a few people	Nov 26, 2012 4:47 PM
123	An outdoor park for senior citizens and activities designed for them.	Nov 26, 2012 4:34 PM
124	Currently working 2 jobs and caregiver for elderly parent!	Nov 26, 2012 3:49 PM
125	not needed	Nov 26, 2012 3:25 PM

Page 4, Q6. Please check all the reasons that prevent you or other members of your household from using Parks or Recreation Facilities:

126	just don't get out much	Nov 26, 2012 3:03 PM
127	Distance. I either walk or ride a bike with my grandchildren.	Nov 26, 2012 2:42 PM
128	None of these	Nov 26, 2012 2:28 PM
129	N/A	Nov 26, 2012 2:19 PM
130	N/A	Nov 26, 2012 2:14 PM
131	TROY NEEDS ITS OWN DOG PARK	Nov 26, 2012 1:59 PM

Page 4, Q8. In your opinion, how important are the following for Troy parks and recreation services?

1	More senior non-athletic programing	Feb 8, 2013 1:26 PM
2	senior nutrition and exercise programs, speakers, and education.	Jan 26, 2013 1:36 PM
3	You cry "poor" so be prudent	Jan 26, 2013 1:30 PM
4	Take care of what you have now and don't make more.	Jan 19, 2013 2:12 PM
5	developing new parks/spaces in coord.with paths and trails	Jan 18, 2013 4:01 PM
6	Would love to see Frankel do something with the KMart Headquarters campus building and parking lot! It's an albatross that sits there empty. Prime real estate in Troy and could be a downtown, recreational area that would increase the value of our property, schools, community etc. He needs to get moving!!! In this lifetime!!!	Jan 17, 2013 7:24 PM
7	Before paths, funds should be restored to the village and Nature center. Support the gems you already have.	Jan 16, 2013 5:04 PM
8	skill programs for middle-school age children (arts and science)	Jan 15, 2013 12:58 PM
9	Dog park where residents can take their dogs to run	Jan 15, 2013 11:40 AM
10	seems we have enough, just improve and let everyone in Troy know about whats going on. Weekly notices in mail would keep everyone aware of the fine offerings we have :).	Jan 15, 2013 10:25 AM
11	dog parks & snow hill	Jan 14, 2013 7:53 PM
12	community can support dog park freeing up space for others	Jan 14, 2013 6:01 PM
13	Adding closer parking and paved walkways.	Jan 13, 2013 5:43 AM
14	We need to be able to walk from one end of Troy to the other on walking trails that are maintained. Same with bikes. Troy is a city that REQUIRES a car to get around.	Jan 12, 2013 7:48 PM
15	if subtle racial aggression against white people would continue, I'm not interested	Jan 12, 2013 6:18 PM
16	Did I mention Restrooms @ Sylvan Lake???	Jan 12, 2013 6:02 AM
17	Offering undeveloped natural areas.	Jan 11, 2013 3:05 PM
18	keep future sites cleaned up, but undeveloped until money available	Jan 10, 2013 7:31 AM
19	more indoor picklball cts on tue safternoons when the other side sits empty Fill it with PB players produces some revenues	Jan 9, 2013 2:49 PM
20	This city needs places where you can ride your bike. My wife and I drive downtown to ride on the dequindre cut and river walk to enjoy a good ride. Around here, no good trails. No easy access.	Jan 6, 2013 7:41 PM
21	Maintain the diverse eco-system still present in this area: Very Important	Jan 6, 2013 2:28 PM

Page 4, Q8. In your opinion, how important are the following for Troy parks and recreation services?

22	staying w/in a reasonable budget w/out increasing taxes	Jan 3, 2013 5:21 PM
23	bring back concerts in park	Jan 3, 2013 5:07 PM
24	create sledding hills in parks	Jan 3, 2013 11:54 AM
25	Most important, especially to attract 20 somethings, is to have bike lanes. Younger folks are increasingly not driving. There are plenty of young people moving to Detroit and biking around the city.	Jan 3, 2013 11:15 AM
26	DOG PARK	Dec 17, 2012 4:47 PM
27	walking/riding paths- need more	Dec 14, 2012 7:27 AM
28	lower costs for golf league and give more choices of days	Dec 12, 2012 6:39 AM
29	maintain the golf course and the community center programs	Dec 11, 2012 11:49 AM
30	no more parks we need open spaces!!!!	Dec 11, 2012 5:39 AM
31	Having sidewalks on all the main roads would help with bicycling and walking activities.	Dec 10, 2012 9:56 AM
32	maintaining and increasing green space	Dec 9, 2012 7:47 AM
33	The Troy Nature Center is a Gem and needs to be a priority!	Dec 7, 2012 1:21 PM
34	Soccer field should be available for a fee like Rochester Hills	Dec 7, 2012 12:43 PM
35	You need new golf carts at the golf courses	Dec 7, 2012 7:22 AM
36	Biking Trails - yeah! (preferably NOT just bike lanes, as the feel of biking on a lane or shoulder is much different and less calming than biking on a trail.	Dec 6, 2012 9:24 PM
37	With so many parks why create more...information of existing parks a key.	Dec 6, 2012 2:51 PM
38	places to have family time at little or no cost -VERY IMPORTANT	Dec 6, 2012 1:17 PM
39	Hire a new Director for Parks and Rec!	Dec 6, 2012 1:06 PM
40	somewhere with lights for night time sports!!! also, grass fields at flynn	Dec 6, 2012 12:10 PM
41	Close Useless Outside Swim Pool	Dec 6, 2012 6:47 AM
42	Community gardens in unused/undeveloped parks	Dec 3, 2012 10:57 AM
43	more pickleball specific courts	Dec 3, 2012 7:04 AM
44	Would like to see more pickleball sessions added...	Dec 2, 2012 8:17 PM
45	do not have sidewalks for walking - need trails connecting city	Dec 2, 2012 5:37 PM
46	It is important to improve on the facilities tha already exist. To maximize usage by putting in recreational facilities that will be utilized and kept up.	Nov 30, 2012 6:53 PM

Page 4, Q8. In your opinion, how important are the following for Troy parks and recreation services?

47	It is more important to maintain in good condition the things we have than to buy more park land.	Nov 30, 2012 10:50 AM
48	Don't need more. Need to develop and maintain what we have	Nov 30, 2012 10:27 AM
49	Dog Park is most important missing P&R space	Nov 29, 2012 1:32 PM
50	I frequently use the trails & pathways in Rochester Hills -- Troy has essentially nothing to compare	Nov 28, 2012 7:00 PM
51	Preserving Nature Areas, or opening Community Gardens	Nov 28, 2012 11:51 AM
52	The outdoor pool needs MORE lounge chairs.	Nov 28, 2012 10:30 AM
53	Please make a dog park a priority!	Nov 28, 2012 9:27 AM
54	MORE SWIMMING POOLS TO SWIM LAPS THAT ARE CLEAN AND KID FREE	Nov 28, 2012 7:54 AM
55	city wide pathways and trails for biking and walking most important	Nov 27, 2012 6:21 PM
56	Walking paths around all parks -- like Jaycee	Nov 27, 2012 10:07 AM
57	restrooms at all parks	Nov 27, 2012 6:52 AM
58	Troy has the potential to be a model city - a destination city - the city should position itself as a progressive city - "the future today" - as the population grows, the desire for fitness opportunities will also increase - likewise, the desire to be "green" will only increase - more bike paths etc will be a wise investment for Troy	Nov 27, 2012 6:11 AM
59	Bike paths and dedicated bike routes on roads	Nov 27, 2012 5:19 AM
60	Dog park	Nov 27, 2012 4:41 AM
61	Please, no new capital investments in tight budget times	Nov 27, 2012 4:34 AM
62	Nicer neighborhood parks you can walk to without crossing major roads	Nov 26, 2012 8:13 PM
63	bike paths & dog parks are important to a healthy city & to attract healthy citizens	Nov 26, 2012 8:11 PM
64	Ice Rink	Nov 26, 2012 6:43 PM
65	I would offer a fenced in dog park for developing new space you can even charge a fee for maintenance and dog owners would use it to let their dogs run off leash. Sort of membership fee like the community center. I'm sure we have parks existing that could take space for this improvement.	Nov 26, 2012 6:39 PM
66	keeping land for future & maintaining current parks #1	Nov 26, 2012 6:14 PM
67	DO NOT RAISE OUR TAXES	Nov 26, 2012 5:59 PM
68	keep what we have well maintained and safe	Nov 26, 2012 4:52 PM
69	More sidewalks	Nov 26, 2012 4:47 PM

Page 4, Q8. In your opinion, how important are the following for Troy parks and recreation services?

70	My property backs up to future parkland. I appreciate its being left natural with a little mowing once in awhile. Its very pleasant to look at for now. (Between Longfellow and Barclay on Rochester)	Nov 26, 2012 3:49 PM
71	I would love to see indoor yoga/pilates classes at the Lloyd A. Stage Nature Center. That would be a great place for a yoga center.	Nov 26, 2012 3:24 PM
72	The city needs to make ends meet, and do what is necessary to offer the best solutions.	Nov 26, 2012 3:17 PM
73	senior center	Nov 26, 2012 2:03 PM
74	Dog park	Nov 26, 2012 1:59 PM
75	Pave Slyvan Glen Park drive and parking lot	Nov 26, 2012 1:45 PM

Page 5, Q11. What other sources of revenue should City administration consider to keep funding steady for current programs? (please check all that apply)

1	Grants	Feb 8, 2013 1:27 PM
2	Increase non resident fees only	Jan 26, 2013 1:37 PM
3	Stop what you cant afford. Dont be like Fed govt. Troy can't print money	Jan 26, 2013 1:32 PM
4	none	Jan 26, 2013 1:11 PM
5	should be within the budget provided by paying taxes	Jan 16, 2013 4:29 PM
6	Residents should have priority, and be offered a discount	Jan 15, 2013 11:44 AM
7	Re #10-not necessarily. Everything does not need to be a park. City council needs to start thinking more about making Troy a "user friendly" city like several that are nearby. Our public areas would be used more if costs and "rules" were not so prohibitive.	Jan 12, 2013 7:52 PM
8	you're not asking the correct questions. Ask how to improve current programs and my answer would be to stop "below the radar" behavior of non-white people who are are aggressive in a subtle way I am afraid of them	Jan 12, 2013 6:21 PM
9	Fund better from current revenue I fell the budget crisis was overblown.	Jan 12, 2013 6:06 AM
10	Too broad a question.	Jan 11, 2013 3:08 PM
11	costs for parks & rec defrayed through charges for services, i.e. troy baseball boosters, etc.	Jan 11, 2013 1:53 PM
12	Take \$\$ from City workers retirement & health care funds	Jan 11, 2013 12:44 PM
13	No more tax hikes on everyone to pay for the few who use the parks	Jan 11, 2013 12:10 PM
14	ad sponsorships by local businesses	Jan 10, 2013 8:42 PM
15	no discount for in Troy companies employees. cost are low enough to encourage membership.	Jan 10, 2013 7:31 AM
16	think you have all 3 now-	Jan 9, 2013 4:18 PM
17	Review, cut and align with other cities, the salaries of the city's staff, including commissioners, all the departments and support staff and clerical.	Jan 5, 2013 3:47 PM
18	just stay w/in your budget	Jan 3, 2013 5:23 PM
19	people who use should pay. most people dont use parks = dont make them pay!!	Dec 11, 2012 5:41 AM
20	reduce spending to self fund	Dec 8, 2012 6:11 AM
21	Used the trash pick from the highway to put money back into the city parks. cans , bottles and thing like that to help the fees go down. It keep the city clean and you can get a revnew off the trash.	Dec 8, 2012 3:41 AM
22	a	Dec 6, 2012 3:59 PM

Page 5, Q11. What other sources of revenue should City administration consider to keep funding steady for current programs? (please check all that apply)

23	All facilities should be self funded (cost centers)	Dec 6, 2012 3:56 PM
24	Maybe 1 time low cost fee for use of all parks...But the cost enforce this would probably be higher. Millage increases cost seniors and other who may not use parks...NOT GOOD Avoid millages	Dec 6, 2012 2:55 PM
25	expanded budget within existing tax base	Dec 6, 2012 2:45 PM
26	different fee structure for non-residents (golf, for example)	Dec 6, 2012 1:31 PM
27	No ideas, but I love that the parks are free!!	Dec 6, 2012 11:05 AM
28	Stop competing with Free Enterprise	Dec 6, 2012 6:48 AM
29	Why would you not look at all opportunities?	Dec 5, 2012 6:08 PM
30	support from the general fund budget	Dec 3, 2012 2:39 PM
31	Recreation Authority instead of City dept.	Dec 3, 2012 10:58 AM
32	The soccer leagues, disc golf club, etc. should be paying fees for park maintenance and such.	Nov 30, 2012 6:55 PM
33	New grant-worthy programs like community gardening, Rainwater gardens, renewable energy gardens	Nov 28, 2012 11:54 AM
34	seniors over 60 should get discount	Nov 28, 2012 7:57 AM
35	People outside of Troy use many of our facilities, which makes user fees a fair source for funds.	Nov 27, 2012 3:39 PM
36	take back control of golf courses to contain renew for support all parks.	Nov 27, 2012 7:26 AM
37	No new taxes.	Nov 27, 2012 6:41 AM
38	none	Nov 27, 2012 6:26 AM
39	Small scale solar energy farms	Nov 27, 2012 6:19 AM
40	a combination of all of the above. It's time to focus on the future of Troy - young progressive views vs the older ones which do not use city facilities and therefore see no value and do not to want to spend their money on	Nov 27, 2012 6:15 AM
41	I liked that tree purchasing program from a few years ago. It helped make the city look great and people were happy to purchase the trees for the parks.	Nov 27, 2012 6:04 AM
42	Tax Revenues	Nov 27, 2012 5:59 AM
43	User fees for non-residents ONLY - we already pay	Nov 27, 2012 5:48 AM
44	Please do not increase the millage for park revenue!!!	Nov 27, 2012 4:43 AM
45	taxes should be raised to cover public parks/services	Nov 26, 2012 8:16 PM

Page 5, Q11. What other sources of revenue should City administration consider to keep funding steady for current programs? (please check all that apply)

46	current taxes, even though they have decreased	Nov 26, 2012 6:41 PM
47	selling land for proposed parks like 2, 7 & 8 near other parks & small	Nov 26, 2012 6:28 PM
48	current taxes, please do not raise our taxes	Nov 26, 2012 6:01 PM
49	Could do a pass like Rochester does for Borden	Nov 26, 2012 5:23 PM
50	work within current budget	Nov 26, 2012 5:19 PM
51	Park expansion, land preservation specific capital	Nov 26, 2012 5:09 PM
52	Better use of current funds	Nov 26, 2012 4:41 PM
53	don't waste money on this.	Nov 26, 2012 3:26 PM
54	not sure	Nov 26, 2012 3:18 PM
55	please, no more taxes!	Nov 26, 2012 2:43 PM
56	Use existing revenue sources only - no tax/fee increases	Nov 26, 2012 2:18 PM
57	taxes	Nov 26, 2012 2:07 PM
58	none. manage with what we have. when we have more budget in the future, then do the wish list.	Nov 26, 2012 1:42 PM

Page 5, Q12. What other sources of revenue should City administration consider to fund capital improvements including development of new parks? (please check all that apply)

1	Stop over-spending	Jan 26, 2013 1:32 PM
2	Do not develop more parks the city should restore what it cut if there are funds.	Jan 16, 2013 5:06 PM
3	It's not always about raising milages and other taxes.	Jan 12, 2013 7:52 PM
4	see answer #11	Jan 12, 2013 6:21 PM
5	Too broad a question.	Jan 11, 2013 3:08 PM
6	None. Close some down to save money	Jan 11, 2013 12:10 PM
7	Taxes Paid by Troy land owners.	Jan 9, 2013 4:27 PM
8	Wasteful spending	Jan 5, 2013 3:47 PM
9	just stay w/in your budget	Jan 3, 2013 5:23 PM
10	just hold onto the property you own and build when you have the money	Dec 20, 2012 1:34 PM
11	undecided	Dec 8, 2012 8:21 AM
12	self fund through cost reductions	Dec 8, 2012 6:11 AM
13	User fees	Dec 7, 2012 7:24 AM
14	Solicit donors & patrons just like other non-profits do. Name benches paths trees etc after donors. Sell bricks. Etc. etc.	Dec 6, 2012 3:39 PM
15	bonds offerings	Dec 6, 2012 12:57 PM
16	Don't need new parks.	Dec 6, 2012 12:50 PM
17	development of new parks not needed	Dec 6, 2012 12:13 PM
18	Stop competing with Free Enterprise	Dec 6, 2012 6:48 AM
19	Why would you not consider all options?	Dec 5, 2012 6:08 PM
20	support from the city's capital budget	Dec 3, 2012 2:39 PM
21	Sell smaller under-used parks in order to concentrate revenue on larger more in-demand parks	Dec 3, 2012 8:17 AM
22	I'd support a millage increase for a dog park.	Nov 28, 2012 9:28 AM
23	take back control of golf courses to contain renews for support all parks.	Nov 27, 2012 7:26 AM
24	not a big priority to me	Nov 27, 2012 6:36 AM
25	none	Nov 27, 2012 6:26 AM
26	Small solar energy farms	Nov 27, 2012 6:19 AM

Page 5, Q12. What other sources of revenue should City administration consider to fund capital improvements including development of new parks? (please check all that apply)

27	No money, No New Park; why ask ???	Nov 27, 2012 6:05 AM
28	Maybe an event or something to raise money? Make it for something, like a play structure or nature trail. People like to see exactly where their money is going.	Nov 27, 2012 6:04 AM
29	Capital improvements should not be considered due to tight budget.	Nov 27, 2012 4:35 AM
30	donations	Nov 26, 2012 11:09 PM
31	our taxes are extremely low - they should be raised to cover the Nature Center & Historical Society - and our parks	Nov 26, 2012 8:16 PM
32	I don't think the city needs any new parks, especially none like the one at Big Beaver and Rochester Rds	Nov 26, 2012 7:03 PM
33	use existing capital improvement fund	Nov 26, 2012 6:34 PM
34	current taxes, please do not raise our taxes	Nov 26, 2012 6:01 PM
35	if you cant develop new funds then wait until the state economy changes. nione of this needs to be a short term goal, this is a long term goal.	Nov 26, 2012 5:24 PM
36	Work within current budget	Nov 26, 2012 5:19 PM
37	Park expansion, land preservation specific capital	Nov 26, 2012 5:09 PM
38	None	Nov 26, 2012 4:49 PM
39	don't wast money on this.	Nov 26, 2012 3:26 PM
40	Companies should help, if they are located in Troy.	Nov 26, 2012 3:20 PM
41	Use existing revenue sources only - no tax/fee increases	Nov 26, 2012 2:18 PM
42	none. if we can't afford to develop them, then we probably can't afford to maintain them. Wait until we have the budget to manage them.	Nov 26, 2012 1:42 PM

Page 5, Q18. My ethnicity is:

1	None of your business	Jan 26, 2013 1:32 PM
2	Scottish	Jan 13, 2013 5:44 AM
3	South Asian	Jan 12, 2013 2:21 PM
4	Not your business	Jan 11, 2013 12:10 PM
5	Mix - Amer.	Jan 9, 2013 4:27 PM
6	Why does it matter...?	Jan 7, 2013 12:46 PM
7	american	Dec 11, 2012 11:42 PM
8	we are all americans----are we not	Dec 7, 2012 12:22 PM
9	American	Dec 6, 2012 5:17 PM
10	refused	Dec 6, 2012 11:06 AM
11	Human	Nov 29, 2012 8:08 AM
12	American	Nov 27, 2012 2:08 PM
13	n/a	Nov 27, 2012 8:34 AM
14	American	Nov 27, 2012 7:26 AM
15	Love Troy's diversity	Nov 27, 2012 6:15 AM
16	Irish	Nov 26, 2012 8:12 PM
17	american	Nov 26, 2012 6:34 PM
18	has no bearing on your survey, this is racism, discriminating againe the white anglosaxon that has one family livin g in a home as your city charter calls for. i do not have 2 or more families living in my home. those people should pay for two families not based on price/value of home. next question wants to know how much money i make. FUCK YOU.	Nov 26, 2012 5:24 PM
19	Private	Nov 26, 2012 5:19 PM
20	Native Detroit, 3rd + generation	Nov 26, 2012 5:09 PM
21	white/asian	Nov 26, 2012 4:54 PM
22	Prefer not to reply	Nov 26, 2012 1:59 PM

Page 6, Q21. Please use this space for additional comments you may have on Troy Parks and Recreation Departments:

1	Support existing facilities-Troy Historic Village, Lloyd Stage Nature Center allowing increased hours of operation	Feb 8, 2013 1:40 PM
2	Registration priority is given to online: In person or drop off are delayed one day making it unavailable for popular classes. If you don't use a computer as classes fill on some things before you can register the next day. The community center has lost a lot of use for the community activities because others are renting all available space. Turning into a business. The clubs and AA groups have been priced out using what is supposed to be for community activities. When i mentioned to staff that senior programs that are run by volunteers are free in the surrounding communities i was told to go to those communities and participate there if i didn't want to Pay to Play. I like it here and have paid taxes on my home for more than 50 years. My tax money goes to support recreation for those physically able to use parks, trails, etc. Be fair to seniors that use only a room-no staff-to do their hobbies. Let us keep pride and not have to let city see our finances. Why are other trips offered by troy more costly than other communities? On extended trips we pay \$50 or more than other cities charge. Is Troy trying to make a profit while other communities offer these trips at cost. These trips have been offered cheaper by travel businesses that are for profit ventures.	Feb 8, 2013 1:33 PM
3	OPC, W. Bloomfield offer caregivers for Alzheimer and other estate planning classes (multi session). I'd like to see more senior oriented programming (besides trips). Thanks for asking	Jan 26, 2013 1:38 PM
4	Niles does a find job--painting classes, etc	Jan 26, 2013 1:32 PM
5	I would like to see water aerobics for seniors presented with the therapy pool for those of us with joint pain. The regular pool is too cold and painful.	Jan 26, 2013 1:16 PM
6	Troy needs a least 2 or more dog parks	Jan 25, 2013 1:24 PM
7	I think it's important to choose the programs and services the community values and maintain them with high standards.	Jan 20, 2013 8:48 AM
8	You must start charging for non residents at the Troy Nature Center. And something must be done to maintain the property other that donations. The Nature Center is going down hill fast.	Jan 19, 2013 2:21 PM
9	Placemaking rule of triangulation	Jan 19, 2013 11:54 AM
10	Whoever is reading this probably already knows that Trails and Pathways for the city have been recommended by Troy citizens in their Troy Futures groups for the last 20 years; once at the last Troy Futures 20/20 and then the group 10 years before that. (I participated in Troy futures 20/20 on the Life Styles research group, and also in the Trails and Pathways project when Carol Anderson was head of Parks and Rec. Under Carol Anderson, Trails and Pathways was well nigh to the end of the physical planning stage with detailed maps etc. and there seemed to be some money in the form of a grant, to even make a beginning at building. Then 5 years ago happened. If this project and group gets under way again count me in. I am a retired teacher and can talk to groups and spread information, if needed. Are you going to have more citizen	Jan 18, 2013 8:15 PM

Page 6, Q21. Please use this space for additional comments you may have on Troy Parks and Recreation Departments:

meetings? I couldn't get to your meeting at the Community Center last night. Willing to involve myself and spend time and efforts to help my city, Sandra Clark
 Drive 3939 Gate
 48083 Troy, MI
 7259 (new number this past year) 248-729-

11	More funding for Stage Nature center	Jan 18, 2013 4:33 PM
12	I would love to see little "pocket parks" spring up in odd places: little patches of preserved woodlands where people could stop for a lunch break and to observe nature (even if restored nature) in a serene environment, spread thruout the city. This would combat "concrete fatigue" and make Troy a really special place to work and live. This would seem to be an easy thing to accomplish, low maintenance (self-maintaining by and large) and good for establishing a connection with nature on a small scale, a human scale which would hopefully carry over into a love of nature and a concurrent awareness of the need for a stewardship of nature as well as a wish to see more natural settings preserved thruout the city, the county, the state, the country!! This is what I would like to see our "City of Tomorrow" become.	Jan 18, 2013 12:03 PM
13	Make Troy a destination for people living in other communities come to Troy. An example would be the Rochester Arts and Apple Festival- this is not only for Rochester residents but has become a go to recreational desination for the tri-county.	Jan 18, 2013 11:48 AM
14	love Loyd Stage park ---a true gem all year long	Jan 18, 2013 7:53 AM
15	I love Parks and Rec. One program not mentioned was the skiing/snowboarding. Though it does not occur in city parks, it is a terrific program for kids.	Jan 18, 2013 6:51 AM
16	I have extensively used Troy parks, and parks and rec program offerings while raising my two children. The various parks with play structures were a god-send for me with my pre-schoolers and elementary kids! Although my children are now grown, I want the parks maintained for future generations...it keeps Troy a nice place to live for families. Thank you and keep up the good work.	Jan 17, 2013 11:25 PM
17	Please let's do something with the KMart Headquarters building and parking lot! It has sat empty for years ! It is such a lost opportunity for the City of Troy. I know it's owned by Forbes/Frankel, but they need to do something valuable to the Troy Community with that property in our lifetime. It could be a wonderful place that enhances the lifestyle and property values in Troy!	Jan 17, 2013 7:26 PM
18	As a Cub Scout leader, basketball coach, long-time Troy resident and father of two active young boys, the library, parks, and nature center facilities are the three most valuable public facilities for me. We love to walk and bike trails, and find ourselves forced to go to Suburbs west and north of Troy. Nature trails, and improved funding for the nature center programs, are the major deficiency areas for Troy, in my opinion.	Jan 17, 2013 6:35 PM
19	Maintain and fund the nature center.	Jan 17, 2013 6:31 PM

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20	Continue to work with nonprofits and business community to avoid closing and loss of wonderful facilities and programs located in Troy.	Jan 17, 2013 1:50 PM
21	did a great job; very sorry, however, that funding was removed from the Stage Nature Center for it is certainly a jewel in the city	Jan 17, 2013 12:47 PM
22	I work within the Parks and Rec system and had lived within Troy for over 30 years. I hope we can keep up the cultural side of the city as it is pretty important to me.	Jan 17, 2013 12:43 PM
23	I love the breadth of programs offered by Parks and Rec. I appreciate programs for all ages and abilities. The Community Center is well maintained and a real gem of a place. The P and R staff is dedicated and helpful and tries new things to keep us all interested. Parks and Rec are one of the best things about our City. Thanks for working hard on them.	Jan 16, 2013 5:55 PM
24	We need a dog park. This kind of park doesn't need much in the way of facilities or equipment--just a double gate system, fencing and a port- a-potty. Of course, if you wanted to do something as nice as Orion Oaks dog park, that would be great. You could sell stickers for passes and restrict it to Troy residents. Not sure if you can collect fines for people without a park pass like they do for the Oakland Cty parks.	Jan 16, 2013 5:34 PM
25	Obviously I am upset that you would consider funding more parks or pathways after washing your hands of the Village and Nature Center. 2 important facilities that make this city unique.	Jan 16, 2013 5:07 PM
26	I've experienced parking problems at Firefighters Park when many fields are in use. People double park, Park where there's no parking. Etc. The police should frequent Firefighters more often in the spring, summer and fall. It gets completely out of order leaving through the one exit. Total log jam.... something has got to change.	Jan 16, 2013 4:32 PM
27	please implement more parks, including dog parks, bike/walking paths throughout city, saving green space as parks.	Jan 16, 2013 3:06 PM
28	Would love to see flowers and plantings on the boulevards again. They make people proud of the appearance of their city and visitors likely to come to activities here.	Jan 16, 2013 12:53 PM
29	Would really, really like to see a dog park constructed somewhere in Troy. If the Nature Center ever closes; this land would be ideal.	Jan 16, 2013 10:48 AM
30	I love the Troy Pool - that you were going to bulldoze - except I take my grandkids and it is rather expensive and is becoming too ethnic (arab)	Jan 16, 2013 10:10 AM
31	I go to Rochester for most of my recreational needs. I bike and run and Troy is not friendly for either of these activities. Things I've noted: 1) I don't know where I can get water when running in Troy. There is a water fountain at Firefighters park but not enough pressure to get the water to come up out of the fountain so I can use it! 2) We don't have any really traffic-safe areas to bike or run long distance. Our drivers have no respect for pedestrians/bikers and our sidewalks	Jan 16, 2013 9:54 AM

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	run out in many areas. Also, we are equipped with walk signals in many areas but most do not work unless you push the button which means you might miss a whole light cycle while waiting for the signal to wake up which is no good when trying to run. Most of the traffic lights themselves are hard for pedestrians to see, so we rely on walk signals. If the infrastructure of the walk signals is already there, why don't they just work automatically? 3) There is no place in the city where I can let my dog run off-leash legally. Do we have a pond somewhere where dogs can swim?	
32	Simple walking/jogging/biking paths should run around the perimeter of EVERY Troy park. It's amazing we only have that available at a few parks.	Jan 16, 2013 8:17 AM
33	.I don't think that you should make us pay for every program that we take. we have to pay for everything Let the city manager and all the city workers take a cut in pay, we have to live on our income and when you raise the cost of participation fee, a lot of my .friends had to stop attending because they could"t afford the raise	Jan 16, 2013 6:23 AM
34	I would like to see more programs for middle-school age children. Art, knitting, science, crafts, field trips, farm, history, outings. . .	Jan 15, 2013 1:01 PM
35	Until Troy is on more secure financial footing, I don't think we should build any new parks. Maintaining the ones we have is important. My husband and I would love to see more dedicated walking/biking paths. Right now you risk your life trying to bicycle around Troy. Other than that we consider ourselves lucky to live in a community that has such wonderful recreational facilities and opportunities. Kudos to everyone who works in Troy Parks and Recreation.	Jan 15, 2013 12:48 PM
36	Some of Troy's Parks are nicer than other. Troys Municipal Golf courses cost more than most in this area. Troy doesn't have a dog park.	Jan 15, 2013 11:47 AM
37	community center pool needs expansion- three sometimes four in a lane just frustrating. dog park has more than enough "patrons" to support it. don't need to improve land that much. really needs fencing & person to take usage fees. this would also free up space at overly crowded parks like firefighters. fishing area - didn't know troy had one. this would also free up space at firefighters	Jan 14, 2013 6:08 PM
38	I would really like to be able to bike to more places/parks as a family but there are not always developed sidewalks along the roads (i.e.: Square Lake Road, Dequindre Road, etc.). A system of paths linking the various green areas would bring more continuity and provide more opportunities for biking, hiking, etc.	Jan 14, 2013 5:13 PM
39	Please upgrade Raintree Park and Big Beaver trail park.	Jan 14, 2013 4:25 PM
40	There was a park from my visit in Germany that was developed for all ages and all abilities. Cement painted into a chess-board, and it was very large. Each of the chess-pieces were 4-feet tall. Seniors could pick up the chess-pieces and move it to the next appropriate square. One person represented each of the pieces giving exercise, socialization. There were other stone seats and tables where seniors could either rent or bring chess/checkers board games. Also games for children. The elderly can use the parks when kids are in school. Picnic benches near parking at Raintree Park. Encourage office workers to eat	Jan 14, 2013 11:25 AM

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outside, because most eat lunch in their cars/trucks on their lunch hour.

41 My only wish is that the Huber Park fitness trail be maintained as it was in the past. Right now it's a mulchy, muddy mess. It needs to be re-chipped at least every 2-3 years. Heck, put the chips in the adjacent parking lot and let us use the city golf carts and we'll do the job for nothing. Jan 14, 2013 10:09 AM

42 I think the city should find ways to help fund the Lloyd Stage Nature Center again. It would be wonderful to have the building open to the public more and have more staff. The city should also do a better job of advertising the nature center to the citizens of Troy, letting them know what is available there. It is an amazing resource for nature! I want more places to see wildlife. I would like to see bluebird houses put up in more of the city parks. Jan 14, 2013 8:35 AM

43 Mountain bike and bmx riding is a growing sport with our children and it would be nice if we could expand the opportunities. A semi load of clean fill/clay costs roughly \$500 and with several loads and some volunteers a MTB/BMX dirt jump area could be established very easily. I believe that this could be done at one of two locations, the Civic Center or the piece of JC Park that is north of the creek (Nelson drain?). That parcel has been vacant ever since I have lived in Troy and would be easy to develop if some dirt was trucked in. I am affiliated with the Michigan Mountain Bike Association and would be able to amass a crew of volunteers to build and maintain the facility if that was required. Other than several loads of dirt and a few days of having a heavy equipment piece and operator on site the overall cost to build and maintain this would be minimal. Jan 14, 2013 8:28 AM

44 Troy Parks and School areas need more garbage bins so residents can be responsible and dispose of their trash and dog waste responsibly. Resident use the parks year-round so why are the garbage bins removed in winter? The parks are in dire need of educated landscape professionals. Mulching of trees in the spring of 2012 was completely incorrect and may kill the young trees. Also, many residents plant invasive ground covers near the park which have begun to take over native habitat. Thank you for your time. Jan 13, 2013 3:09 PM

45 We have frequent problems in Brinston Park with people using the park as their private off road vehicle haven. Snow mobiles, and dune buggys are used in the park. A large sign should be posted with a heavy fine for violations. Also, I would like to see the trees along the Brinston Park property line evaluated for disease and removed if necessary. Homeowners should not have to manage city trees that extend over their property that are in dire need of removal or trimming. And much better weed control is needed along the property line as well. We should not have to make spraying on city property for all sorts of invasive weeds part of our lawn maitenance. In the warm weather kids climb up on the roof of the Brinston Park pavilion and lounge around. Very dangerous and a libability exposure for the city. And finally, better control needs to be exercised over people using the Brinston Park pavilion and a loud speaker system. We have had issues with the loud speaker systems blasting an otherwise quiet neighborhood. Someone should be checking to make sure that they are approved to use a speaker system and that the volume is acceptable. The police should not have to be responsible for this. Jan 13, 2013 1:10 PM

46 connectivity of the parks via paths for walking and biking, including connectivity Jan 13, 2013 12:55 PM

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	to oakland county rail trails is very important. The next most important is a dog park	
47	The little park bench parks such as the one at Big Beaver and Rochester are a waste of taxpayer money. Focus on improving the serenity of the existing parks which are not in the middle of a busy intersection.	Jan 13, 2013 5:47 AM
48	Please consider the following improvements I would like to see at every park. 1. Replace sand or wood chips around playground areas with rubberized surface. 2. Add a dog play area, fenced in if required. 3. Add a hill for sledding in winter. 4. Add more signage with park rules near parking areas.	Jan 13, 2013 5:14 AM
49	Troy has a subtle racial problem. So I'm not comfortable going places where I know non-white people will be waling in front of me, ignoring me or in other ways making me feel put down and frightened.	Jan 12, 2013 6:23 PM
50	Would also love to see improved sidewalks and/or trails to all public schools in Troy.	Jan 12, 2013 2:22 PM
51	I use the Troy Comm Ctr 5 days a week and love it. Anytime my wife and I consider moving, our first thought is to stay in Troy and not lose the comm ctr and the great city services.	Jan 12, 2013 10:08 AM
52	A dog park please,please,please!!!!	Jan 12, 2013 7:51 AM
53	I'm in the Troy Heritage Band- not even mentioned in the survey are many of the other programs like it. We appreciate the facility we use every other week. As a taxpayer, I feel like we were lied to about our 'dire' financial situation. As soon as we voted for a library millage, all of a sudden, there was more of a budget surplus. A great city funds it's nature, rec, ARTS!, library and Police. Programs shouldn't have to 'Break Even' to exist. Did I mention the need for restrooms at Sylvan Lake Park? Almost every similar Troy park has a very nice place to 'go'.	Jan 12, 2013 6:13 AM
54	Troy Parks and Rec has always offered a good variety of recreational programs, and they have taken center stage. Acquisition of land for open space, connector trails, and passive use is overdue. Development of low-impact trails could be achieved with time and money donations from civic groups and volunteers from the many churches and businesses headquartered in Troy. Mow less and plant less annuals in the medians.	Jan 11, 2013 6:41 PM
55	I do not understand the program cost fee in community center. The senior volleyball program fee has risen substantially and yet we are told we are not "covering our costs. " What other event can generate income on Mon and Thurs mornings besides a senior program . Kids are in school, others are at work. We are losing people due to high cost and will continue to lose people if this continues.	Jan 11, 2013 6:34 PM
56	I use Sterling Heights or Shelby Townships facilities a lot for nature walks. It's a shame that I feel I have to support their facilities because Troy doesn't have anything as good to offer.	Jan 11, 2013 3:13 PM
57	with the exceptions of the golf courses and other pay to participate facilities, the	Jan 11, 2013 2:04 PM

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	normal "parks" are in wonderful condition usually and are used more sporadic than a destination site, unless a specific activity is happening. Often the parks are used by non- resident who don't pay taxes! What is the ratio of resident to non-resident useage! Perhaps a dedicated tax on businesses for their non-resident employees to help defray the costs.	
58	I have heard that recreation programs such as pickleball have to make a 20% profit. If so that is outrageous for a progressive city.	Jan 11, 2013 12:57 PM
59	no more taxes to pay for stuff i don't intend to use.	Jan 11, 2013 12:11 PM
60	Troy Parks do a wonderful job. We are not always aware of programs in other neighborhoods other than where we live.	Jan 11, 2013 7:44 AM
61	I feel that the city should consider creating a revenue generating indoor soccer/multi-sport facility within the city of Troy. This could support year round soccer training/practice, clinics, camps, tournaments and games along with lacrosse, golf, perhaps tennis, etc. The space and field time can be rented by local clubs orgainizations to support their needs as well as be used for Parks and Rec Programs. A "sports bubble" or warehouse like facility would be the possible structure with possible land adjacent to the Recreation Center being utilized or other vacant space/buildings that the city could acquire from private sources.	Jan 10, 2013 7:44 PM
62	The current and growing popularity of soccer at the youth and adult level creates limitations on space and time of use for practice/training and games. As more clubs are forming in the area I would like to see more of a partnership between the city, recreational and club soccer programs to dedicate time, space, maintenance, and acquisition of new or development of existing space for soccer. The number of games that are played on common fields from all age levels is creating burdens on resident players and visiting families/clubs and resulting in dederiorating field quality and equipment.	Jan 10, 2013 7:10 PM
63	Restrooms at senior garden need to be opened back up.	Jan 10, 2013 7:43 AM
64	I think the Parks & Rec Department should look more at teaming with Private, nonprofit organizations to offset some of the department costs. As the President of the Troy Soccer Club, I would welcome the opportunity to discuss way to work together with the department to keep cost in check while meeting our player's needs.	Jan 10, 2013 5:51 AM
65	Senior Gardens in 2012, LATE, POOR START UP! GRASS NOT CUT, STAKING NEW AND LATE. The weather was dry with sun in May 2012. The Charge went from \$26 in three years to \$70, Yet the service went downhill! Bathrooms closed.	Jan 9, 2013 4:34 PM
66	It would be fantastic if trailways connected parks and recreational areas so that older kids could ride their bicycles from one area to another without necessarily riding along busy streets like crooks and livernois.	Jan 9, 2013 4:19 PM
67	1-new restrooms at Sylvan they smell and are outdated get rid of the shower and make it nicer 2- I believe breaking even on programs is fine, but to make	Jan 9, 2013 4:18 PM

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	20% profit is not needed 3- shouldn't be a \$2 fee for outdoor pickleball when there is no admistration cost at the schools 4 go back to the free park reservation system for fields and cts 5 new pickleball cts there are just for PB	
68	Expand the play structure at Fire Fighters Park to make it more appropriate for children ages 8 to 12.	Jan 9, 2013 2:05 PM
69	Troy N	Jan 9, 2013 11:13 AM
70	Would love to see more parks developed on vacant land if possible. Would love a dog park!	Jan 9, 2013 10:35 AM
71	The Community Center Gym and Fitness Passport is a terrible value. Other Fitness Gyms in Troy offer memberships at a cheaper price and include classes. What is the purpose of this community gym if it is more expensive and has less options?	Jan 8, 2013 8:36 AM
72	I applaud the job Troy has done with parks and recreation over the past 35 years.	Jan 8, 2013 5:49 AM
73	Recent changes to rectrac may require more employee hours either on the phone or at the desk. Seniors have complained about having to wait in long lines to pay the annual fee to participate in senior activities. Several Troy residents have stopped using the Troy Recreation Center and started going to other places, notably Royal Oak to play euchre, pinochle and bridge. The drop in fee is \$1 or less.	Jan 8, 2013 3:54 AM
74	Being a Troy resident my whole life, the schools, parks, and sports programs is what Troy is known for (other than Somerset). Right now, the parks and sports programs have taken the turn for the worst. Troy needs to figure out its identity. Improve the parks and recreation programs. Right now, Birmingham is really starting to pull away in all aspects. Let's hope people make the right decisions.	Jan 6, 2013 7:46 PM
75	My family enjoys using the Troy Recreation Facility. I have played disc golf at Firefighters park many times. The parks and recreational facilities were a strong influence in my decision to move to Troy, and I hope the city continues to emphasize the value that parks and recreational facilities have to young families.	Jan 6, 2013 2:35 PM
76	Open areas of the parks are not maintained and should be as with all other areas of the parks. Don't be penny wise and pound foolish.	Jan 6, 2013 4:58 AM
77	I would love to see a map pin-pointing the location all the Troy parks and included the features and services (trails, benches, talk's sports, etc) that it offers. I would also like to see organized volunteer programs that included scheduled walks, talks, cleanups etc., these could be lead and headed by Troy residences, capitalizing on their talents, wisdom, and skills (scouts, retired teachers, birders and nature lovers, long term residences with their family histories)	Jan 5, 2013 4:16 PM
78	A better maintained Troy Farm, ie, mowing the paths a little better. Having a park where dogs can be without a leash.	Jan 5, 2013 2:07 PM

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79	Please, no new taxes or mills. We have decreased income yet our taxes go up. Our budget is decreasing...	Jan 3, 2013 5:24 PM
80	Should have concerts in the park and have me play. I will volunteer. danthebandmusic.com	Jan 3, 2013 5:09 PM
81	Our family has been pleased for the most part with the Troy P&R programs, and feel that the city of Troy's dedication to providing space, recreation opportunities, and commitment to the citizens is exemplary. Our family utilizes the P&R programs throughout the year. Our friends who come to visit our parks, etc..., have been impressed. We are hopeful that Troy will be able to maintain the quality and integrity of the /parks/programs/opportunities available for families to enjoy in the future.	Jan 3, 2013 3:48 PM
82	I love the Fitness program. I am there 4 or 5 times a week. Great instructors and participants.	Jan 3, 2013 2:25 PM
83	Develop walking trails and bi cycle trail	Jan 3, 2013 2:25 PM
84	I feel we made a poor decision to develop the Sanctuary Lakes Golf area	Jan 3, 2013 11:52 AM
85	I have been a physical education teacher for 30 years and would like to discuss trends in recreation and how Troy can develop and fund new programs. 248-212-4262 Bob Lees	Jan 3, 2013 11:35 AM
86	FYI, I'm a lifelong Troy resident. Just moved out of the city 4 weeks ago. It's still important to me, which is why I responded.	Jan 3, 2013 11:17 AM
87	I am pleased that parks/recreation need to be self funding from a revenue operational view.	Dec 31, 2012 6:51 AM
88	Dog walking is big in our parks. Many people enjoy going to Firefighters early in the morning to walk their dogs. There are big groups who do this. Dogs are unleashed and left to run and have fun. While this is nice for the dogs, the owners are not always cleaning up after them. This is an issue for people who walk the paths there and those who play there, often stepping in or playing where piles are left. Maybe we should introduce dog runs that are fenced in and paid for by those who use them. St. Clair Shores and Warren have them. They are financially stable and often used by pet owners. This would fix a lot of dog droppings in our parks and save a few squirrels as well. Something to think about...	Dec 27, 2012 10:14 PM
89	Please don't waste money on things like re-doing the grass on rochester road boulevard. Use money to keep existing vacant land VACANT and safe so kids can just enjoy some trees and a nice field to run around in. You don't need to have fancy stuff in a park, just cut the grass and let people run around and play.	Dec 20, 2012 1:36 PM
90	Parking at Firefighters Park should be improved. More parking closer to soccer fields. It is very difficult for extended family (grandparents) to attend games at FF due to the distance they may have to walk to fields.	Dec 18, 2012 9:07 AM
91	I enjoy using the Community Center, people are very friendly. Wish fees were	Dec 17, 2012 4:50 PM

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	lower for passports. We really need a dog park!!	
92	Better use of gym at Community Center. Linear dog park so people can walk themselves while walking their dog off leash. Outdoor pickleball courts. Use the farm for something other than senior gardens. Why is dog walking not allowed there?	Dec 16, 2012 6:58 AM
93	Consider the funds generated by fees for pickleball at the Community Center, and extrapolate what outdoor, dedicated pickleball courts might bring in during the warmer months.	Dec 14, 2012 5:18 PM
94	Great job on the Troy Senior Garden	Dec 14, 2012 7:30 AM
95	Shame on troy city ,look at the wasted money to recall our mayor. she only had one more year, what a shame full effort ,to all involved .	Dec 11, 2012 11:51 PM
96	I am very satisfied with the Troy facilities. If parks need to be updated the people that participate in them should possibly pay a charge	Dec 11, 2012 11:52 AM
97	do you really use this? or just a formality before you go on with your own agenda???	Dec 11, 2012 5:42 AM
98	In many areas I believe we offer too many programs with a limited audience. we should focus on what works and has been well supported in the past. New programs are fine, but if there is little interest they should be dropped.	Dec 10, 2012 9:59 AM
99	As an avid golfer who has been fortunate to play golf across the country, I have not been impressed with the overall experience at Sanctuary Lake. While not involved with the planning or design process, the facility design is quite poor and very far from being user friendly. The course is in poor condition and not conducive to walking, something that should be present in every municipal facility. The conditioning is far below that of Sylvan Glen, which is hard to understand considering the higher fees charged at Sanctuary.	Dec 10, 2012 8:10 AM
100	I am very proud to live in Troy, and enjoy having a community that has luxuries that other cities are unfortunately unable to provide, such as a great park system. It is important to keep these assets with the city, as Troy has a reputation. I moved to Troy so I could live in a nice city with nice things, and I am happy to pay taxes to have that nice city. My wife and I plan to start a family, and when we do, we will certainly begin to use the parks more than we are able to now, with our busy schedule.	Dec 10, 2012 6:43 AM
101	I would like to see racket ball courts in the Civic Center Gym. Thank you and Merry Christmas!	Dec 9, 2012 10:12 AM
102	I think it is important to maintain "Green Space" within the City of Troy.	Dec 9, 2012 8:12 AM
103	maybe you should form a citizens committee.	Dec 8, 2012 6:12 AM
104	Some of the parking lots in Troy seem excessively large (Oakland Mall, the area near DSW and Home Goods on John R, the strip mall at Maple and Coolidge with Home Depot, Dunhams, etc). Not sure what the requirement is for parking, but these never seem full of cars (even at Christmas shopping times). It is a	Dec 8, 2012 5:34 AM

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waste of space and maybe could be converted to basketball/volleyball court, ice-skating rink, skateboard park, etc?

105	I ENJOY TROY WHEN I COME TO THE CITY, IT A GREAT TIME FOR GOLF AND YOU DON'T HAVE TO WORRY ABOUT BAD THINGS HAPPENING TO YOU WHILE YOU ARE THERE. THE PEOPLE AT THE GOLF COURSE HAVE BEEN GREAT. I AM TRYING TO GET A GROUP OF GOLFERS TO COME AND SEE THE BEAUTY THAT I HAVE SEEN, THANK YOU FOR A GREAT TIME IN TROY, I WILL BE BACK. THANKS, CLARENCE ROQUEMORE JR(ROCKY)614-208-9717 COLUMBUS , OHIO 43207	Dec 8, 2012 3:45 AM
106	Generally well done.	Dec 7, 2012 4:24 PM
107	What we have is good. Adding more, or expanding will only strain available funds. Increasing taxes for recreation is unacceptable for the near future.	Dec 7, 2012 3:56 PM
108	The golf carts at the city courses are very, very old. They break down all the time resulting in high repair costs, shortage of carts for golfer utilization and overall dissatisfaction. This results in lost revenue for the city. They also look horrible and have broken plastic parts which cause injury to users. Replace the fleet.....lease new carts this season.	Dec 7, 2012 7:29 AM
109	Please continue to offer discounts to seniors especially for golf.	Dec 7, 2012 7:25 AM
110	Sylvan Glen Golf Course needs a driving range that can pay its own way.	Dec 7, 2012 6:50 AM
111	Of the two city owned courses onley one has a practice area last year the shart game area at Sanctuary lake was all but destroyed and cannibalized , All the local High schools and local residents use these areas a lot please restore them.	Dec 7, 2012 6:38 AM
112	The Sanctuary lake golf course fees are too high and since Billy Casper Golf has taken over the condition of the course has deteriorated to the point where it is starting to look like a cow pasture. The service is terrible ie. I played there on a Saturday in July, had booked a 10:30 tee time and didn't tee off until 11:20, the round of 18 holes took over 6 hours to play and we didn't see a ranger on the course until we reached the 18th hole, even after I had called the club house to complain that we had 4 groups waiting on the 15th tee box. When I went inside to complain I was told "sorry we were busy today!" It shouldn't matter if they were busy, 4 1/2 hours is the maximum length of time it should take to play 18 holes. Very dissappointed. I recently went back to play 9 holes last Sunday the 2nd of December and was told it would be \$25 dollars to play, and that was the all day rate, I only wanted to play 9 as there was only about 2 hours of daylight left in the day but I didn't have that option. Vey inflexible policies, needless to say I wasn't about to pay \$25 for 9 holes so I went somewhere else.	Dec 7, 2012 6:34 AM
113	Thank you for the opportunity to express my feelings of what the City Services mean to me. They are a vital part of Troy and its appeal to all current and future residents. Regards.	Dec 7, 2012 5:39 AM
114	stop using every park for soccer, use firefighters more often for soccer, leave a few parks open without soccer	Dec 7, 2012 5:28 AM

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115	more pickleball times and courts	Dec 7, 2012 4:10 AM
116	The Community Center and Parks and Rec offerings were one of the MAIN reasons we moved to Troy 8 years ago. I would like to see at least the current level maintained, if not improved. The community center and the parks need to be seen as ASSETS that will attract individuals and families to Troy, and not simply as expenses that need to be maintained.	Dec 6, 2012 11:53 PM
117	I think that improvements should be made to the turf and soil at Sanctuary Golf course. It seems they did not put enough top soil on the cap. Great course, but the grounds are bad. Also, how about an indoor golf dome in Troy.	Dec 6, 2012 7:24 PM
118	Let's keep improving what we have. Keep politics out of this area.	Dec 6, 2012 6:34 PM
119	Many classes do not correspond with the Troy School District which has various start/end times. Therefore, many parents cannot participate in morning classes because they start before the schools. Some afternoon programs do not consider drive times necessary for afterschool programs.	Dec 6, 2012 5:19 PM
120	There should be a City Championship Golf Tournament again for Seniors, Men, Women, and Children held as separate events	Dec 6, 2012 4:28 PM
121	Troy has a nice park system with enough parks within the city limits. I am not in favor of using taxpayer dollars to fund additional parks.	Dec 6, 2012 4:26 PM
122	Improve the sand traps at Sylvan Glenn with better sand.	Dec 6, 2012 4:07 PM
123	In the current economic condition, each and every facilities and services should generate their own funding---there could be discounted fees from any additional funding available from state or private donations	Dec 6, 2012 4:01 PM
124	I joined the Community Center to work out and was disappointed to discover there is no hot-tub spa in the swim area. What were you thinking? A hot tub spa is a great place to relax after a workout and socialize. I'd renew my membership if the place had a hot tub. Frankly more useful and desirable than the underutilized senior exercise pool.	Dec 6, 2012 3:46 PM
125	This survey has opened my eyes to the fact there are soo many parks...Do it again as often as needed. I will be visiting more parks to give a better opinion next time...Like, did you ask about over crowding or bathroom facilities...I may have missed it.	Dec 6, 2012 2:57 PM
126	Maintain what we have, add walking trails, avoid major projects that require a lot of capital	Dec 6, 2012 2:45 PM
127	I understand the budget process so maybe don't improve current parks but certainly maintain them or the cost to fix them later will be much higher	Dec 6, 2012 2:02 PM
128	Please fix the tennis courts at Brinston Park. The cracked cement is dangerous.	Dec 6, 2012 1:36 PM
129	We enjoy our parks. For a city our size, it seems that we should have more parks.	Dec 6, 2012 1:32 PM

Page 6, Q21. Please use this space for additional comments you may have on Troy Parks and Recreation Departments:

130	I am 25 yrs old and want to start a family soon. I plan on raising that family in Troy. The Parks and Recreation Department is an overlooked commodity that is a vital resource and voice for this community. Not only should the focus be on maintaining what the city has now, but working towards a better future for our kids to really make a better tomorrow today. Don't think about the empty land, think about the community and the right choice will always be made.	Dec 6, 2012 1:24 PM
131	Troy farm could be inexpensively improved and needs badly. look at Bowers farm.	Dec 6, 2012 1:21 PM
132	We need a new Director of Parks and Rec. One who has a creative mind for future programs and also is willing to be flexible in needs of children for programs offered.	Dec 6, 2012 1:09 PM
133	Need more biking paved paths. Also, fees should be substantially higher for non residents.	Dec 6, 2012 12:59 PM
134	To date we have only used the golf courses.	Dec 6, 2012 12:50 PM
135	preserve old trees, make nature trails	Dec 6, 2012 12:37 PM
136	both golf courses are well run, continue to good work, thanks	Dec 6, 2012 12:35 PM
137	The Parks and Recreation Department is great. I really appreciate the job they do at keeping up our parks and the services they provide. I believe we have a sufficient amount of parks at this time and we should continue funding to maintain them. I am reluctant to support adding new parks because I am unsure if there is a need for more. I don't observe the existing parks to be over-used, so I would rather use funds to keep up what we already have. Lastly, I enjoy golfing at Sylvan Glen, but have been routinely disappointed in Sanctuary Lake. I don't believe it is worth the cost and my friends and I generally avoid it as an option when we go golfing. Otherwise, I am very pleased with the value I get for my tax dollars.	Dec 6, 2012 12:16 PM
138	Please bring back your Sand Volleyball summer sports offering. I find it hard to believe the fees obtained from the teams wasn't enough to cover the costs.	Dec 6, 2012 12:10 PM
139	The Casper golf management has greatly improved Sylvan Glen GC, but Sanctuary Lake has some interpersonal attitude problems.	Dec 6, 2012 12:09 PM
140	Larson Middle school has 3 baseball diamonds. Not to many years ago all backstops were replace at quite an expense to us taxpayers. NO maintenance has been done to these diamonds in the last severl years. Weeds and ruts have overtaken the infields. Suggest the school district either maintain and use these diamonds if only for Troy little leagues or give the money they spent on these backstops back to Troy so Troy can use the funds for park maintenance and development. I hate to see my school district waste my hard earned money such as they have in this instance.	Dec 6, 2012 12:03 PM
141	As a city, I do believe we have a great deal to offer. I support our city in their efforts to keep services at the current level and challenge city officials to look at better ways to improve our city going forward. Many families utilize our park	Dec 6, 2012 12:00 PM

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	and rec's and I believe new property owners and renters look for the offerings that we provide today. I strongly support a larger scale pathway for both bikes and walkers. I support a way to utilize private funding or shared business arrangements to offset our golf course costs and would hope that we consider providing a lower cost for Troy's citizens to use the course. Thanks!!	
142	troy are well kept	Dec 6, 2012 11:53 AM
143	We need an indoor soccer bubble. It could also be used for other activities. It would keep us from having to drive to Auburn Hills, Royal Oak, or where ever else we go for indoor soccer. Let's have people drive to Troy for soccer. Call me if you want additional ideas in this area. 248-229-9371	Dec 6, 2012 11:50 AM
144	I think the city of Troy has enough parks and recreation offerings for its residents. In time of financial hardship like now, I think it is more important to focus on maintaining the current offerings, safety, equipment and facilities of what is available now, instead of worrying about 'expanding'.	Dec 6, 2012 11:49 AM
145	Golf Courses are over priced. I would play them often since I work in Troy, but often go else where because of the unreasonable price.	Dec 6, 2012 11:41 AM
146	The company running the golf courses is doing a fantastic job. Keep them. It wpuld be nice (don't know how) to have a driving range at Sylvan Glen. Firefighter Park should have a play structure for younger children similar to JayCee.	Dec 6, 2012 11:24 AM
147	Keeping up Parks and recreation is very important.	Dec 6, 2012 11:10 AM
148	I just wanted to comment on Brinston Park. Many times we have been there and it was very dirty with food all over the play area. I don't blame the parks and rec for this but the parents who do not supervise the kids, we need to figure out how to stop this so all of us can enjoy the play area without stepping over food. Also, many times kids over 12 are running all over the play structure even though there is a sign that says it is for ages 5-12.	Dec 6, 2012 11:08 AM
149	I love Troy, please don't change anything !!! :-)	Dec 6, 2012 11:01 AM
150	Troy Outdoor Pool should be bulldozed as not worth the investment and ongoing costs for outside few months of year as it was a poor choice when built outside.	Dec 6, 2012 6:49 AM
151	To attract young workers, you need good parks and outdoors activity availability.	Dec 5, 2012 9:15 PM
152	I greatly appreciate the new friendlier staff at the Community Center.	Dec 5, 2012 6:09 PM
153	I would like to see more bike / walking paths.	Dec 5, 2012 6:07 PM
154	I do not care for going to the pools at the Troy Community Center or the large outdoor pool as I feel there are too many children. That said, I wonder if the city could use more pools and some of them might be adult only or mostly adult. I would be in favor of a fee for a wave action pool. We are most interested in outdoor walking trails that would have some interest to them. Could you partner with English Gardens, Bordines, etc. and garden clubs to plant or build interesting art/displays along the way on some of these parks. And, bike trails	Dec 5, 2012 5:42 PM

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would also be of interest. As a home owner, I often wonder with all the apt complexes if we might have better revenue to do things if apt dwellers paid a fee, but I guess that the property owners pay taxes for those dwellers. I love our city and feel that most of it is well developed and managed, but it is rather sad to go to a "park" that is just an open field with no points of interest or activities. Thank you for asking our opinion.

155	I hope the city can create a real system of bike paths that are not the paltry set of signs indicating bike routes along city streets. Riding bikes like this through neighborhoods is not useful for exercise, or even for getting through a neighborhood. Asphalt bike paths are available all over Rochester Hills and Roshester along the major city streets. I go there to bike right now even though I live in Troy because these paths require me to stop and go less often, and the asphalt is easier to roll over than concrete with all its seams. Troy needs to COMPLETE a biking-friendly sidewalk system along side all its major streets, or create dedicated 5 foot wide bike lanes along the road sides like is done in Ann Arbor.	Dec 5, 2012 6:36 AM
156	Need more pickball facilities considering the growth of this sport in the city.	Dec 4, 2012 5:40 AM
157	Keep current parks attractive and well maintained but do not develop what we cannot afford.	Dec 3, 2012 7:16 PM
158	The Troy Farm is totally underused. It is potentially a great educational and enrichment resource. Some open age pickleball programs are much desired by my family - it's a great game for families to enjoy, not just for seniors. The Troy Historic Village is a great resource...ongoing city support is appropriate and critically important to protect both programming and the city's historic district property.	Dec 3, 2012 2:42 PM
159	Community gardens for people of all ages, not just seniors could be a way to productively use undeveloped parkland. Plot rentals could be calibrated to cover costs of water, tilling, fencing, etc. Given property values, parkland cannot be developed as rapidly as predicted, but providing additional parks and park improvements needs to remain a priority.	Dec 3, 2012 11:01 AM
160	pickleball courts are awesome. need more.	Dec 3, 2012 8:57 AM
161	You're doing a great job with limited funds and fewer staff. I'd vote for millages to support green space purchase and to maintain/improve our parks and facilities, but in the current political climate in Troy, I fear the anti-tax folks would win.	Dec 3, 2012 8:42 AM
162	More indoor Pickleball hours are needed given the number of existing and potential players.	Dec 3, 2012 7:43 AM
163	build more outdoor PICKLEBALL COURTS	Dec 3, 2012 6:43 AM
164	Would like to see more pickleball sessions...besides Friday open session...	Dec 2, 2012 8:21 PM
165	I am not a resident; however if I were to move, I would consider Troy.	Dec 2, 2012 7:34 PM

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166	would like to see pickleball and user fees reduced	Dec 2, 2012 1:11 PM
167	Post this announcement: "Copy of Troy Parks/Rec Survey available at registration counter". For users who do not have access to a computer.	Dec 2, 2012 12:41 PM
168	I would like to see a path added to Brinston park. I would also like to see lights on the path to Brinston park. The tennis courts could stand to be fixed there as well.	Dec 1, 2012 6:49 PM
169	Generally Troy does a good job with its Parks. The water park is one that is redundant with the lakes and other water parks in the area.	Dec 1, 2012 6:28 AM
170	Developing a city wide bike & walking trail system that connects up with those in adjacent communities.	Nov 30, 2012 8:34 PM
171	My home backs up to Firefighters park and I see all kinds of activities going on in the park. This is inclusive of illegal activities such as public urination and marijuana smoking. The park is also used quite frequently by people that let their unleashed dogs run free. I have frequently been working in my yard to find someone's dog right behind me. Therefore, I am not in favor of adding a dog park to our existing parks. One of the beautiful aspects of Firefighters park is that a lot of the area is natural and home to fish, ducks, deer, and other natural habitat. It provides a wonderful learning environment for children. My family and I frequently walk through the trail back by the ponds and listen to the bullfrogs or watch the rabbits and deer. With all the sidewalks and existing rails to trails through Oakland county I believe the additional cost of adding more bike or walking paths is an unnecessary added expense and would detract from the natural beauty of many of the parks. The Troy farm area could be a great money maker for the city by offering activities such as those that the Bloomfield Bowers farm offers. With the right direction the farm could possibly be a good money maker for the city of Troy.	Nov 30, 2012 7:21 PM
172	When an established partner asks to participate they shouldn't be summarily told to go on line and fill out the survey. In addition when the long time director of p&r says he would like to review the plan he shouldn't be summarily referred to the online survey, after all he did write or direct the plans from 1970-1997	Nov 30, 2012 10:31 AM
173	In the winter Troy could boost the use of its parks by offering groomed cross country skiing trails and maybe snowshoeing/cross country ski rentals at either city owned golf course. Which may add business to onsite eating opportunities.	Nov 30, 2012 9:11 AM
174	Establish dedicated outdoor pickleball courts to compete with surrounding communities. Establish more play time at TCC for indoor pickleball. Upgrade/maintenance of softball diamonds so they are safe for off the field players and spectators.	Nov 29, 2012 9:00 PM
175	We should have at least one Dog Park. We have multiples of pretty much everything else. R.O. has 4 Dog Parks.	Nov 29, 2012 1:36 PM
176	Trash Cans should not be removed in the fall, especially at Firefighters Park around the disc golf course.	Nov 29, 2012 9:11 AM

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177	No mileage, user fees are fine because if we want to go somewhere or do something, we have to pay our share. The mileage place's the financial burden on the residents and businesses and non residents can participate for free while their city gets away with not funding programs.	Nov 29, 2012 7:49 AM
178	Use bar scanner or other method to ensure people who attend classes at recreation center have paid.	Nov 29, 2012 7:11 AM
179	Needs and wants during times of fiscal distress have to be carefully balanced. However, we NEED to maintain the jewels we have here in Troy and protect them.	Nov 29, 2012 6:58 AM
180	The Trails & Pathways Master Plan document needs to be reviewed and approved by the City Council. Make that a priority!	Nov 28, 2012 7:29 PM
181	Demographics of the city are changing and the recreational facilities are not tracking those changes. Team sports like soccer - although still very popular - are not what seniors want. The soccer fields in Troy used to be overbooked, now many days in season they are vacant. Five years ago residents said they wanted trails, pathways and bike paths -- the city did nothing to address that. So, I use facilities in Rochester Hills. Sad!	Nov 28, 2012 7:08 PM
182	The parks department is overfunded and has created facilities that the private sector knew would not work.	Nov 28, 2012 5:03 PM
183	I just cancelled my Troy gym membership this week. I felt the price (\$20 a month) was too high.	Nov 28, 2012 1:31 PM
184	Work in Troy, but do not qualify for any discounts.	Nov 28, 2012 12:28 PM
185	In the last few years, I have noticed that the outdoor pool has less and less lounge chairs available to use, thus resulting in us sitting on the ground, and if you happen to be near the shaded areas there are many ants!	Nov 28, 2012 10:33 AM
186	We use and love our Troy Parks and the Aquatic Center. Dog park is a great idea. Wish there was a way to expand parking in our Soccer parks, it gets really busy.	Nov 28, 2012 9:49 AM
187	I feel it is very important to maintain and continue to grow City parks and recreational facilities. I certainly do not want to see public land sold to private developers and have wooded areas torn down and developed; that would be very shameful.	Nov 28, 2012 9:46 AM
188	Boulan Park seriously lacks less open spaces, such as the trail in Raintree Park. The park is too open in my opinion.	Nov 28, 2012 9:34 AM
189	With more than 5000 dogs in Troy, developing a dog park is a necessity. There are dog parks in the area, but residents would appreciate the convenience of having one in Troy. I even believe residents would have interest in raising funds to assist with the development of a dog park as they did for the skatepark.	Nov 28, 2012 9:32 AM
190	The baby boom generation is getting older. The majority are Seniors. We need activities, exercise programs geared for helping them to keep them healthy and	Nov 28, 2012 8:00 AM

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	active which will help our public finances. MORE YOGA, EXERCISE PROGRAMS, MENTAL STIMULATION, COMPUTER TEACHING CLASSES, for the elderly. More High School programs for kids to help in the community and help the elderly for credit (rake leaves, shovel snow, take out trash, weed).	
191	Priority should be to maintain what exists.	Nov 28, 2012 6:40 AM
192	Recreation choice in tough economic times generally is to stay local and choose from options in your vicinity. Low cost options and a variety of options are what need to be available to all age groups. Troy needs to maintain what the city currently has - make short/long term plans to enhance current facilities and add space to areas that resources can manage. Adding personnel or long term capital demands may not be the best option unless grant or supportive funds come available.	Nov 28, 2012 6:01 AM
193	A vibrant Park and Rec department is critical for a vibrant Troy.	Nov 27, 2012 6:25 PM
194	We stopped using the aquatic center for swimming lessons because our kids were not learning and being challenged. We moved to Goldfish and our kids are progressing quickly and learning a lot..just something to consider.	Nov 27, 2012 5:49 PM
195	Doing very well under budget constraints. Thank you.	Nov 27, 2012 5:47 PM
196	Worked on the Citizens Committee for Trails & Pathways and would really like to see some of the design at least implemented as feasible.	Nov 27, 2012 5:32 PM
197	I am active Senior. The reasons for me answering the questions the way I did are probably very different from that of younger homeowners. I can afford to live in my home, and I beleve in supporting the Troy community. I was proud to be able to move and live here with all the services and amenities that the community had to offer. I think it's very unfortunate that a vocal group of non-supporters assumes that they speak for the majority when they oppose improvements and upgrades to our existing facilities.	Nov 27, 2012 4:41 PM
198	make it part of the over-all budget and not a dedicated milage	Nov 27, 2012 3:48 PM
199	Bicycle trails and walking paths - the most important initiatives from my family's point of view. Totally uninterested in indoors activities like the ones offered by the aquatic center etc. - there are plenty of other places to go for that.	Nov 27, 2012 3:12 PM
200	Schroeder park is the only park close enough for us to walk/bike to. The grass is often very long (knee high to kids) and kids practicing soccer frequently step or fall into dog poop. Also, trash (esp. fast food wrappers, beer cans and used condoms) are frequently found around play structures. Unfortunately, I don't know how you keep people from trashing the park/playgrounds. Maybe police patrols driving through at night?	Nov 27, 2012 1:41 PM
201	I'd love to see a senior aquatic class take place in the therapy pool. The large pool is just too cold for those of us with severe joint pain.	Nov 27, 2012 1:39 PM
202	The growth over the years is definitely appreciated. Security seems to be an increasing problem.	Nov 27, 2012 12:58 PM

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203	swimmng lessons are great, the parks are great, programs at community center are great. They changed fun to be 3 class to 2 days a week. I do not want to do 2 days a week, and they don't offer a 1 day a week option, so I am looking elsewhere for a parent / tot programs for my almost 3 year old.	Nov 27, 2012 12:44 PM
204	Clean up, mow and maintain all city owned space to help with security. Provide parking for parks where there is none (Robinwood). Disk golf at more parks would be nice.	Nov 27, 2012 11:01 AM
205	Thank you for having public parks, and asking us our opinions on future plans for them!	Nov 27, 2012 9:25 AM
206	Who thought income and ethnicity were good questions?	Nov 27, 2012 8:36 AM
207	I love the programs for children and fitness at the Troy Community Center. My children have been to many of their classes and attend the Rainbow preschool. I was disappointed to see that some of the programs from the prior two years did not return this Winter.	Nov 27, 2012 7:56 AM
208	Job well done appreciate all their efforts thanks	Nov 27, 2012 7:42 AM
209	The Parks and Recreation staff do a wonderful job, however, they are woefully understaffed. If you are going to spend money in that department, pay them what they are worth!	Nov 27, 2012 7:32 AM
210	Take back control of golf courses to contain renews for support all parks.	Nov 27, 2012 7:26 AM
211	We like taking our dogs for walks on the nature trail in the Civic Center Park. Would like to do the same at the Lloyd Stage Nature Center but dogs on a leash are not allowed.	Nov 27, 2012 6:42 AM
212	most residents unaware of wonderful job city is doing--their fault, not city's!	Nov 27, 2012 6:34 AM
213	Would like to see the Raintree park (john r) biking/walking trails connected to Raintree sub entries. thanks	Nov 27, 2012 6:28 AM
214	I work in Troy and interact with many Troy families.	Nov 27, 2012 6:19 AM
215	thank you for asking	Nov 27, 2012 6:15 AM
216	I personally would like to see more trees planted in the local parks. Our home boarders Beaver Trail park (which we are very fortunate for) and the lack of privacy could really be improved. Unfortunately the two large oak trees in my back yard prevent me from planting any privacy shrubs along the fence line. However if there were some pine trees planted along the south west corner of the park, I know quite a few residents would be happier. This lack of privacy also was the reason for a series of garage break-ins,(ours included) three months after moving to Troy. (what a welcome gift..) The open space also creates a strong wind that whips through the houses, bringing in garage, leaves, etc. I've even considered planting a tree of two myself in the park.... Is that allowed? Thank you for your time and all the hard work the Parks and Recreation Department puts into the city. It certainly is one of the reasons we selected Troy, as a city to raise our new family. Just wanted to share the	Nov 27, 2012 6:14 AM

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thoughts of a few residents.

217	I love our parks! I grew up with these parks. My family moved to Troy in 1976 for a reason and I am raising my family here because I love Troy. We do not need more parks. That will drive up maintance fees and less trees when you drive around. The parks just need maintance and otherwise they are great. The Aquatic center needs some work. I have elementary aged girls. We go with other families. Everyone we go with says the same thing. In a word, gross. There is standing water in the locker room, the side of the pool needs to be cleaned better, and maybe limit the amount of people at one time. We only went twice this year and it was so packed there was no where to put your belongings and the kids were on top of each other. My friend told me that was not even as busy as she has seen it. Unfortunately, I do not think we are going back. Other then the Aquatic center, I am very happy with our parks! Thank you for getting people's opinion on this!	Nov 27, 2012 6:13 AM
218	Use the farm for more than just the senior gardens. Also, allow dog walking there. Definately need pickelball courts. Better use of Community Center gym. It is empty a lot during the day. Need SOME free programs and services for seniors at the Communtiy Center to draw them in for other things.	Nov 27, 2012 6:05 AM
219	Troy has some of the best park and rec areas around. They deserve to be maintained and improved upon for everyone's benefit. Due to the large number of existing parks, I believe any and all city owned spaces should be left in their natural state since untouched spaces are becoming increasingly rare.	Nov 27, 2012 6:02 AM
220	I find it frustrating that the difference between resident and non-resident fees is so small. There is barely a distinction. I think there should be a greater discount for residents - or a greater surcharge for non-residents because we already pay for the services in our taxes.	Nov 27, 2012 5:49 AM
221	Thank you for the wonderful job you do!	Nov 27, 2012 5:36 AM
222	Parks and Rec needs to take the lead in introducing new bike paths and bike routes in the City	Nov 27, 2012 5:21 AM
223	I don't use the outdoor aquatic center because I feel that the cost is too high. I have three kids and if it was more reasonable I would be there quite often.	Nov 27, 2012 5:08 AM
224	Need fitness trails badly. First and foremost.	Nov 27, 2012 4:48 AM
225	Part of our decision to live where we do, was the proximity to Brinston Park. I would love to introduce tennis to my daughters, but the courts (for the entire 13 years that we have lived here) have been in DANGEROUS CONDITION! The huge cracks are a broken ankle waiting to happen, not to mention the curb that surrounds it. We have tried to play basketball and tennis, but determined that it just isn't safe. I have made a couple of calls over the years, and have been told that it is not a priority (the first call was 12 years ago), when the economy was great! My girls will soon be out of high school in a few years, and we will never get the chance to use those facilities, and when we have tried to drive to other parks, they are often full, or reserved. We, and some of our neighbors that we have talked to about this, feel the same way and are disappointed with the	Nov 27, 2012 4:48 AM

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	attention that Brinston Park gets compared with Boulan and the Civic Center. We really hope we can use this park more before it is too late. Thank you for your consideration in this matter.	
226	Even though there may not be sufficient money to improve parks now, we should NOT sell any land or park/recreation assets.	Nov 27, 2012 4:45 AM
227	Although Troy has some awesome parks, please do not raise the milage as a means of revenue to operate the parks. Thanks!	Nov 27, 2012 4:44 AM
228	Use of acre area for designated dog park. Charge yearly maintenance fee.	Nov 27, 2012 4:44 AM
229	I suggest maintaining current facilities without additional capital expenditures. The current facilities seem to adequately serve the citizens of Troy. I and my family don't use Firefighters Park so much any more because of the loose dogs. Some of these dogs are pretty big and some jump on other people in the park. I had one dog jump on me after he took a dip in the pond. The leash law should be more tightly enforced.	Nov 27, 2012 4:40 AM
230	I've been very satisfied with the Parks and Recreation's in Troy. My four children and six grandchildren enjoy the facilities. Thank you!	Nov 27, 2012 3:57 AM
231	Many of the parks need upgrading of equipment like boulan. No sand under equipment.	Nov 27, 2012 3:18 AM
232	I have worked for Department of Parks and Recreations for approximately 21 years, in several different cities and states, so I have had to address these same issues. I would suggest you take a strategic look at the where the unused properties are and how they could affect the various businesses that are next to the properties- if those properties could be used to benefit the local businesses, then you should consider selling off some of those unused properties and get them off of your books. If you chose to keep the properties, then you might want to consider getting local businesses or social groups involved to adapt or sponsor a property, and they could help develop it and to maintain it- for example the Boy Scouts and Girl Scouts usually have to participate in local service projects, so they may want to help build a playground set, and commit to cleaning the park. By getting local businesses involved in a park, they will take ownership and pride in maintaining it. In order to help get businesses involved, you could offer them various sponsor packages- for example give them 100 free passes to the ice skating rink for a time that is not a busy time- or give them a discount if they organize a baseball team and play in your league- this may sound like you are losing money, but you will make it up at the concession stand, and it may encourage more people to join or support future programs. The sponsor packages should include tickets or passes to some of your least profitable or struggling events- use these packages to help re-build interest in those programs. The sponsorship packages should be offered as a way to get involved in the hidden treasures of the City of Troy. Well good luck with your project, and keep up the good work- I have taken my nephews and nieces to several of your parks and events.	Nov 27, 2012 2:39 AM
233	Always appreciated them ! Thanks	Nov 26, 2012 11:10 PM

Page 6, Q21. Please use this space for additional comments you may have on Troy Parks and Recreation Departments:

234	Please build a dog park!	Nov 26, 2012 8:41 PM
235	No new taxes, please. We need to cut wasteful programs to release funding for more worthwhile projects. Don't want to hear that there are no wasteful programs.	Nov 26, 2012 8:23 PM
236	A healthy community has walking & bike paths, dog parks & public transportation in addition to lovely parks & community centers. Troy can afford to invest in these things to insure our good health and our future.	Nov 26, 2012 8:19 PM
237	We're new to Troy, but lived in Madison Heights for the last 8 years. I miss the fact that I'm MH I could walk to two nice parks (play structures for the kids) in 5-10 minutes and 2-3 more in a 10-15 minute walk.	Nov 26, 2012 8:17 PM
238	We hope that Troy can maintain the parks.	Nov 26, 2012 8:13 PM
239	Although not a frequent user due to health issues, I think it is important for the community to maintain and enhance when possible our current public spaces.	Nov 26, 2012 8:10 PM
240	If you give community groups the opportunity to rehabilitate/maintain recreational facilities like baseball and soccer fields, they will be in better shape at no cost to the city. People in the community that use those facilities care enough to put their own efforts into improving those facilities.	Nov 26, 2012 7:52 PM
241	seemily excellent job with limited funding	Nov 26, 2012 7:51 PM
242	I think overall Troy Parks do a very good job. You need a port-o-potty at Beach Park, by the way. I ABSOLUTELY LOVE the trails that were put into Raintree Park a few years back. It is a very well maintained park that many people enjoy. We do have a problem with teens 'hanging around'. They mess up the picnic tables and some are smoking. Not sure what we residents can do. Do the police want us to call?	Nov 26, 2012 7:38 PM
243	I am in favor of using turning city property into parks as long as it is financially feasible. Upgrading and continuing to improve existing parks should take a priority. I would really like to see more playground equipment at the Milverton Park. At least play structure. Thank you to all the park and recreation employees (including management) for you dedication to improving our great city. Even the folks who cut the grass and lay the asphalt are friendly and courteous. My son was enthralled with the laying of the asphalt at Milverton park and the employees didn't have a problem with letting him watch the rollers flatten out the apshalt. Thank you. all of your good deeds are appreciated.	Nov 26, 2012 7:22 PM
244	Please NO added millage.	Nov 26, 2012 7:16 PM
245	I believe the City of Troy is doing a great job with keeping the Troy Community Center and Troy Family Aquatic Center open and maintaining operation on an equal level. I don't think it is necessary to add additional parks. More people would attend the parks if they were better equipped. For instance, the disc golf course at Raintree Park is a complete joke. Updating rather than adding is much more important.	Nov 26, 2012 7:08 PM

Page 6, Q21. Please use this space for additional comments you may have on Troy Parks and Recreation Departments:

246	More bikes are needed in the gym. Five in not enough.	Nov 26, 2012 6:56 PM
247	Online surveys are biased polls by thier very nature and should be treated as such. They are easily gamed by dedicated minorities (ex: disc golfers, cyclists, etc) and should not be given the same weight as a professional survey (ex: random stratified.) The last 5 year plan was gamed by cyclists. Paid activists organizations then steered the "community stakeholder mtgs" away from "bike paths" (ie: linear trails and connected sidewalks) and into "smart streets" (ie: bike lanes.) In any case, I vote for a simple pistol/long arm gun range. More range time means more humane hunting and less firearm related accidents.	Nov 26, 2012 6:51 PM
248	I think Troy already has great existing parks and recreation programs...we just need to continue where there is interest in programming... The only area lacking is a fenced area for dogs to run and play off leash. Currently, owners are often breaking Troy's leash law to allow their dogs to run...each park should have a dog designated fenced in area. This could be "paid" for by a membership fee that allows members to use all dog parks. Ideally, each existing park should have an "off leash play area" for dogs. Membership allows a pass/key access entry	Nov 26, 2012 6:46 PM
249	I think we have enough parks, but we should make trails or fitness trails that aren't in the woods and in the open so women can walk and feel safe and no mosquitos (like Nature Center or Big Beaver trail)	Nov 26, 2012 6:42 PM
250	our facilites are under-utilized - need more open houses or ways to feature the parks and prgrams - I didn't know half those parks exist but perhaps that's because they are not along my daily travel routes. I would like to see more senior programs offered in evening hours - some of us 50+ residents are still working but would love to attend some of the offerings and trips.	Nov 26, 2012 6:42 PM
251	It would be appreciated if you could make due w/ the money you have. We have taken pay cuts in our home and need to budget accordingly, but the city keeps imposing new taxes (library, for example). Please don't try to extricate more money from taxpayers.	Nov 26, 2012 6:03 PM
252	I think the green spaces are important in a community and I hope to see them continue to thrive for the good of the community. When are children were younger, we frequented the parks and facilities. The recreation experiences have been a great for our children which are now adults which is why we chose to live here and have been residents for nearly 30 yrs. Keep up the great work/effort keeping the city going and growing forward!	Nov 26, 2012 5:56 PM
253	Girls softball for 5th and 6th graders should be slow pitch not fast pitch.	Nov 26, 2012 5:45 PM
254	Would like to see the Comm Center store expanded -could raise more funds for senior programs.	Nov 26, 2012 5:39 PM
255	DOG PARK!	Nov 26, 2012 5:32 PM
256	There should be Therapy Instructor for the Therapy pool at the Community Center to Assist patrons Free of Charge.	Nov 26, 2012 5:27 PM

Page 6, Q21. Please use this space for additional comments you may have on Troy Parks and Recreation Departments:

257	I love the parks in Troy, it makes it a community.	Nov 26, 2012 5:24 PM
258	Troy has good parks that need to be maintained. I agree that is your top priority. Secondly, we have very little open (undeveloped) space left in our city. I would like see the Parks and Rec department acquire as much open space, especially woodlands, as possible with a capital campaign. Once the trees are ripped down, it is too late. I would like to see a concerted effort to build a trail network (walk / bike) that leverages the existing parks (i.e. Rain tree, Jaycee linking into a JohnR path up to Bloomer) and newly acquired property. The path network should hook up with existing path ways (JohnR, Clinton River, Paint Creek, etc.). I suggest a capital campaign (ask for contributions specific to land acquisition targeted for natural preservation and path use). As properties are identified, solicit nearby residents to get locals excited about preserving nearby open areas.	Nov 26, 2012 5:24 PM
259	I'd love to see an inter-connected system of dedicated bike trails throughout the city. Expensive, I know.	Nov 26, 2012 5:16 PM
260	Would love to see trails in park intended areas. Keep some natural areas with quiet seating.	Nov 26, 2012 5:04 PM
261	Troy has great amenities and I hope the city will continue to maintain and improve programs.	Nov 26, 2012 4:56 PM
262	Keep the city parks clean, safe and in good repair. We do not need more parks at this time.	Nov 26, 2012 4:55 PM
263	every park we have in troy is priceless, however, i feel it's really important to hold onto the undeveloped land the city currently owns. that means even IF it cannot be developed in the next couple of yrs. once sold, it can never be bought back.	Nov 26, 2012 4:55 PM
264	We do not need to offer so many parks, perhaps just a few. Sell the land. Get out of the library business, reduce the need for more government spending in the city of Troy. Just make more sidewalks so we can walk or ride bikes safely.	Nov 26, 2012 4:50 PM
265	My family and I have been very satisfied with the Parks and Recreation Programs offered in Troy. Many of our friends and family who don't live in Troy are impressed by the program offerings and facilities. They are envious of Troy's commitment to residents through the Parks and Recreation Department.	Nov 26, 2012 4:42 PM
266	I think that there needs to be a recognition that our community has a growing senior citizens population. They have more time to experience Troy parks. Thus, design activities for them during daytime, when non-retired seniors are going to work or school.	Nov 26, 2012 4:41 PM
267	More sidewalks and trails so I can commute within the city via bike safely	Nov 26, 2012 4:36 PM
268	You must find a way to keep the Troy Parks & Recreation Departments operating!	Nov 26, 2012 4:22 PM
269	No children living here now but grandkids visit and stay often. We have always enjoyed the troy parks	Nov 26, 2012 4:13 PM

Page 6, Q21. Please use this space for additional comments you may have on Troy Parks and Recreation Departments:

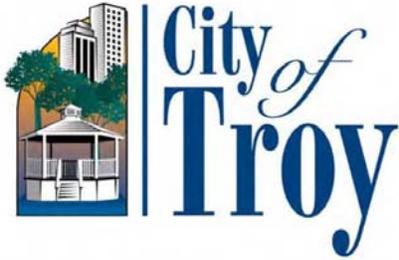
270	important to have open spaces within the city.	Nov 26, 2012 4:12 PM
271	The parks do well. We don't need to expand until the city is on more solid ground budget wise. The city is reasonably mature, and the quantity or mix of parks seems adequate. I do vote in favor of millage proposals that support parks, so if the matter is put to a vote, if it appears that the expenditure is reasonable, I'll support it.	Nov 26, 2012 3:56 PM
272	Keep it family friendly. My kids are 31 and 28 but I hope Troy stays nice for raising children.	Nov 26, 2012 3:55 PM
273	As a family grows, so does their needs. For instance, when my child was young, we visited the Nature Center, the Historical Village, Aquatic Center, etc and the library plenty. Now in college, the emphasis has switched from some of these locations to others such as use of more of the outdoor parks and paths. The single best thing Troy ever did was put the walking paths around the soccer/baseball fields. It is nice to have them paved and in a nice setting. We love Troy's amenities and plan to enjoy them with grandchildren.	Nov 26, 2012 3:49 PM
274	I am retired and use parks for my grandchildren. The golf course is all mine.	Nov 26, 2012 3:45 PM
275	No new taxes or millages....The elderly people in Troy cannot afford any new taxes or millages...	Nov 26, 2012 3:39 PM
276	I would really like to see hiking/biking trails that have loops which are 3-4 miles. Ideally I would like wooded paths possibly with a combination of paved and unpaved areas to walk. The hiking/mountain biking trails at Stoney Creek Metropark are ideal. Although hills might not be possible shaded trails with multiple route options so you vary the length and difficulty of walks is extremely valuable. I would love if our city had something similar. In terms of dog parks, I do like the dog park at Orion Oaks. Something of that size is ideal whereas in my opinion the park at Madison Heights is not even worthwhile. Trees and shade are key as are physical trails within the fenced dog park which stops people and dogs from congregating. It is also important to rotate used and unused areas so that grass is maintained. Another great feature would be an off leash area for dogs which has water front where dogs can swim and retrieve. This park would not need the same size. I would prefer one or more docks plus areas where dogs could wade into the water. I think that the park near Sylvan Glen might be ideal for this. It would be important that the water is tested regularly so it is safe for dogs to swim in and drink from.	Nov 26, 2012 3:38 PM
277	In times when there are economic issues, why does Troy insist on wasting money?	Nov 26, 2012 3:27 PM
278	We use Robinwood park almost daily & enjoy living off the park	Nov 26, 2012 3:23 PM
279	I am glad we have parks. I wish the fees for the Comm. Center were lower, so I could use it more often.	Nov 26, 2012 3:21 PM
280	No Millage requests - get your budget inside the box.	Nov 26, 2012 3:20 PM
281	The children were unable to play on the "Fire Truck" in Firefighters Park because	Nov 26, 2012 3:14 PM

Page 6, Q21. Please use this space for additional comments you may have on Troy Parks and Recreation Departments:

	they were being attacked by bees that nested in the equipment. This happened from mid summer through the fall. Park was always clean - we always felt safe - seemed that picnic structure was always full.	
282	I'm glad we have the parks we do and hope that continued funding is made available. I	Nov 26, 2012 3:05 PM
283	Although I'm no longer a Troy/MI resident, we still maintain our second home in Troy and make use of the parks and rec programs in the summer. So as Troy homeowners and real estate tax payers we are keenly interested in maintaining and improving the Troy park and rec facilities.	Nov 26, 2012 3:00 PM
284	Troy has a great amount of parks and facilities, those should be maintained and no additional added. I work and live in Troy.	Nov 26, 2012 2:53 PM
285	Troys fitness classes are exceptional, the instructors are very good and the number of classes and type of classes are great.	Nov 26, 2012 2:51 PM
286	Will the City of Troy consider volunteer projects to maintain or help develop parks? Can we use paint or markers to indicate a bike or walking trail. Will, eventually, this join other local trails?	Nov 26, 2012 2:45 PM
287	I am willing to volunteer to help with this effort to sustain and improve the Quality of Life in Troy through Troy Parks and Recreation facilities and activities.	Nov 26, 2012 2:43 PM
288	More bicycling facilities. PLEASE add a family locker room at the Family Aquatic Center - I am so tired of young boys walking through the locker room when I am taking a shower or dressing.	Nov 26, 2012 2:42 PM
289	Everything has been cut, its a time were things should just be maintained, with no new operating costs until economy picks up.	Nov 26, 2012 2:31 PM
290	I lived in Troy for 38 years before moving to Royal Oak with my family. My parents still live in Troy and regularly use the parks as do my family & I. We love that there are bathrooms and great things for the kids.	Nov 26, 2012 2:28 PM
291	I would like to see another indoor tennis facility as the one in Troy currently has very little court time availability due to high usage.	Nov 26, 2012 2:26 PM
292	The parks, rec center, troy farms, nature center are jewels in the city of Troy. Keep up the good work.	Nov 26, 2012 2:20 PM
293	I am grateful that the parks that I use continue to be maintained in an excellant manner despite the reduction in revenue to the City.	Nov 26, 2012 2:16 PM
294	Thank you for all that you offer - We love the Troy Parks & Recreation Department!!	Nov 26, 2012 2:15 PM
295	I would love to see lot 22 (the one off Livernois near 16) turned into a park because it would fix the drainage issue that makes the Mosquitos so unbearable in the summer that my yard is unusable. It would also be wonderful to have that in the back yard for my children.	Nov 26, 2012 2:10 PM

Page 6, Q21. Please use this space for additional comments you may have on Troy Parks and Recreation Departments:

296	I have enjoyed opc and Bloomfield Senior centers. I am surprised Troy doesn't do more for seniors.	Nov 26, 2012 2:06 PM
297	Would gladly pay for dedicated milage to maintain level of services historically offered in Troy.	Nov 26, 2012 2:03 PM
298	For me and my family, parks are of no use	Nov 26, 2012 2:00 PM
299	more bicycle friendly areas please.	Nov 26, 2012 2:00 PM
300	Please just maintain the facilities we currently have. We should not develop new facilities.	Nov 26, 2012 1:59 PM
301	I have taken this survey as a resident with grown children who no longer use the park facilities. My husband and I mainly use the fitness center and golf courses. Would love to see more community and cultural events in Troy.	Nov 26, 2012 1:58 PM
302	One suggestion is offering a family discount for families with more than 2 children who want to attend programs. With 3 kids at full price the cost is prohibitve to them participating.	Nov 26, 2012 1:56 PM
303	Love the idea of dedicated cycle paths in Troy -- both in and outside of the parks. It's been a huge pet peeve of mine that so much of the city is so unfriendly to non-motorized traffic, any improvement would be very welcome.	Nov 26, 2012 1:40 PM
304	a cohesive city-wide initiative should be implemented. a discohesive, piece-meal plan would only hinder citizen participation. also involvement of neighboring municipalities is encouraged to establish a more regional approach to "parks and recreation".	Nov 26, 2012 1:38 PM
305	We need to have the bathroom facilities at Troy Farm opened on a seasonal basis. The city needs to fund the Troy Nature Society the same way that the Troy Historical Society is funded.	Nov 26, 2012 12:26 PM



Attachment 8

Comments from MiCommunity Remarks Tool,
www.troyrecplan.com

Written Comments on MiCommunity Remarks Tool, www.troyrecplan.com

Topic: New Recreation and Amenity Needed (11)

Dave Meinhard

-7 Votes  

A disc golf course around the civic/recreation center complex would be welcome. A dog park making use of the police dog training area might be nice as well.

Dave Meinhard

12 Votes  

I would like to see disc golf added here around the lake as well as restroom facilities. Every other similar Troy park has restrooms. I also would like to be able to put a kayak or canoe in here. I see no reason why that is illegal. As long as a small watercraft can be carried-not trailered to the lake, it should be allowed (no motors). Every city-owned golf course should also have DISC GOLF- a fun and less expensive sport included in the land use plan. I think the money spent for golf benefits a small number of people at high cost.

Patty

11 Votes  

I would love to see a dog park near the Adams & South Blvd area.

Javier Samayoa

20 Votes  

I would love to see a DJ/BMX park.

Pete van der Harst

21 Votes  

Could someone finish the sidewalks along Square Lake Road near Dequindre? It's only missing a few hundred feet on the south side of Square Lake (one house/lot West of Marble, 3 house/lots East of Marble). While I'm at it, Dequindre needs to be widened & completed from Long Lake to South Blvd. While we wait for that, completing the sidewalks on the West side of Dequindre would allow access to the 18 Mile/Long Lake retail areas.

Ryan Theuer

10 Votes  

Why does Troy feel that they have to develop every piece of property in the city? Can't you just leave some of the property alone and let nature do its thing? Troy is a nice city but you can tell as you drive through Troy city hall has to be involved in everything. Just leave some of these precious rare properties alone. Choose your battles!!!

Kevin Chalk

161 Votes  

The portion of JC Park that is north of the creek has never been developed. A Mountain Bike/BMX jump park could be developed here with several loads of clean-fill/clay trucked in. If this location is not available for development then the other option would be to develop something like this at the civic center. Several local communities have these facilities (Ann Arbor, Hamburg, St Clair and Meridian Twp) so liabilities issues can obviously be addressed to allow for the operation of this kind of facility. Below is a link to what Bellingham, WA has put together as an example of what I had in mind. Other community examples include The Garden (Chicago); 9th street (Austin, TX); Pleasonton (CA); Hurricane (UT); Tom Brown Park (Tallahassee FL) and Rapid City (SD).

<http://home.comcast.net/~kdunruh/bellingham/jumppark.htm> Tom Brown Park:
http://youtu.be/H_S37qWGAqk

Dave Meinhard

24 Votes  

I enjoy playing disc golf, but am disappointed at the lack of decent signage at the tees. A little effort to get these updated would make the games there more enjoyable. Many of the tees need upkeep (Filling in the muddy spots around them with wood chips or dirt). Also, to cut down on the litter, trash cans need to be placed at every tee, I'm sad to say. Small things, but they would be very welcome by all who use the disc golf course.

2007-2012 Troy Rec Plan

29 Votes  

It would be nice for the city to place several picnic tables at the Sylvan Glen Lake Park near the driveway and overlooking the lake.

Javier Samayoa

4 Votes  

I would love to see a DJ/BMX park.



Topic: Potential Passive Park/Nature Area (3)

Timothy McCann

6 Votes  

At the northern end of Jaycee Park there is access to a system of trails along the creek in the wooded areas extending east and west from Jaycee. These trails could be better developed (e.g., widened) and maintained (i.e., bushes trimmed back away from the trails), thereby providing hiking/walking trails for residents. These trails could easily be connected so as to permit someone to walk along the creek from John R to Rochester Rd. And it would require very little in terms of funding. There are likely other areas in Troy like this that could be used to improve opportunities for walking trails with relatively little expense involved.

Carol Kasprzak

-1 Votes  

This section of Troy has no parks! Residents need to cross roads that have 45mph speed limits to reach one. The City did a great job in creating Lovell Pond; it has become a destination for neighborhood kids to explore nature. It is planted with plenty of native vegetation and it is a great adventure to hike down to it and take in all the natural activity: Green Herons, Great Blue Herons, Egrets, Sandhill Cranes, Cooper's Hawks, Green Frogs, Blanding's Turtles, etc. Doesn't seem like it would be too hard for Parks and Engineering (or whichever department is responsible for the pond) to work together and take care of it, maybe treat the Phragmites that is encroaching along the edges. Or how about a woodchip trail around the top of it?

Ray Braun

-5 Votes  

The parcel East of Livernois and opposite the Civic Center could easily be upgraded to a Nature Pathway at least with linkage between the neighborhoods and a Crossing to the Civic Center area. Early proposals for game fields and a parking lot could be held, with pathway &/or boardwalk development and grass mowing of open spaces as priority.

Topic: Park and/or Facility Maintenance Issue (4)

Greg Kroesing

3 Votes  

There could be more attention paid to the Beaver Trail Park. Additional Trees, gardens, flower beds, etc. The play structure and swing sets also need updating. Corner of park behind (behind 3452 and 3446 Pasadena) floods after a rain, leaving it unusable. Addressing this problem and planting a couple pine trees in this area would improve ambiance and functionality of that area

Robert E. Winter

-8 Votes  

Troy Senior Gardens not on list at Troy Farm.

John Marcozzi

-5 Votes  

The City of Troy golf courses need new golf carts. They are very old with high maintenance costs, broken plastic parts which injure the golfers and there is always a shortage of carts on the weekend which results in lost revenue for the city.

Dave Meinhard

38 Votes  

While cross-country skiing here the last several winters, I am dismayed to see the debris left to rust in the woods. It is a park, not a dump.

Topic: Development/Redevelopment Opportunity (4)

John Rogers

1 Votes  

Is it possible to add a Bike Path connection to existing Rails to trails bike paths Clinton River Trail, Paint Creek Trail and Macomb Orchard Trail? Bike path connections within the City would also be very beneficial. The new 8' wide sidewalks along Long Lake Road are very inviting for residents to get out and exercise. This connections should be identified by providing signage for new designated bike paths and would encourage bike path use and help residents to find the paths. Is it possible to work with Oakland County Road commission to provide a bike lane on Dequindre or John R Road? Sidewalk improvements along Dequindre Rd - North of Long Lake, would also be very beneficial for bike riding north of Long Lake Rd and commuting to Beaumont Troy.

Jim Werpetinski

0 Votes  

The undeveloped parkland on the West side of Rochester Rd between Wattles Rd and Long Lake Rd that the City purchased 4 or 5 years ago should be developed into Troy's first and long overdue Dog Park.

Christine Hsu

2 Votes  

Should we count and see if we have the money FIRST ?

David Eisenbacher

-2 Votes  

The pavement paths in Raintree Park was an excellent addition but they don't connect to the park access sidewalk within Raintree Village subdivision in the northwest corner. A stub of asphalt to the existing sidewalk will provide easier park access and reduce back yard

Topic: Other (2)

2007-2012 Troy Rec Plan

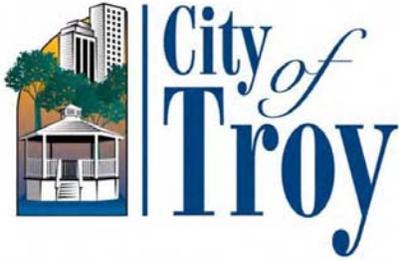
1 Votes  

Troy residents are very much concerned with open spaces, paths for bicycling and walking, and the protection of natural resources.

Nancie VanderBeke

3 Votes  

Could the area along the Chrysler Fwy be used for a future dog park?



Attachment 9

January 17, 2013 Public Input Session Flier



City of Troy 5-Year Parks and Recreation Master Plan Public Meeting

Thursday January 17, 2013 @ 6:30 PM

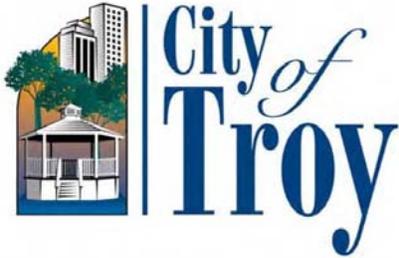
Troy Community Center | Room 402

3179 Livernois
Troy, MI 48083

Share your ideas for Troy's Parks and Recreation! All residents will have the opportunity to engage in participatory activities in order to build a plan that will determine the direction of Troy's Parks and Recreation services for the next 5 years. For more information about the Parks and Recreation Master Plan or if you are unable to attend, please visit www.troyrecplan.com.



Contact | Justin Breyer | (248) 524-3375 | www.Troymi.gov



Attachment 10

January 17, 2013 Public Input Session Handout

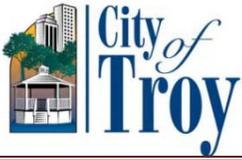
Agenda

- 1) Parks and Recreation Plan Background
- 2) Review of Park, Recreation, and Open Space Issues
- 3) Results from Public Survey
- 4) Discussion, Additions, and Revisions
- 5) Priority Setting and Consensus Building
- 6) Next Steps and Questions



Why Plan?

- Communities adopt a Parks and Recreation Plan every five years because:
 - It helps to define the vision, scope, and goals for these services moving forward.
 - To determine and prioritize Troy Parks and Recreation Programming and Funding.
 - Residents' needs, desires and expectations of these services are changing.
 - Changing Demographics – Average age of the population is increasing.
 - Revenue for Quality of Life services has decreased significantly in the last 4 years.

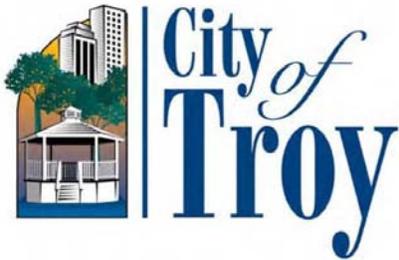


Public Input Meeting Informational Handout January 17, 2013

Parks and Recreation Community Survey Results

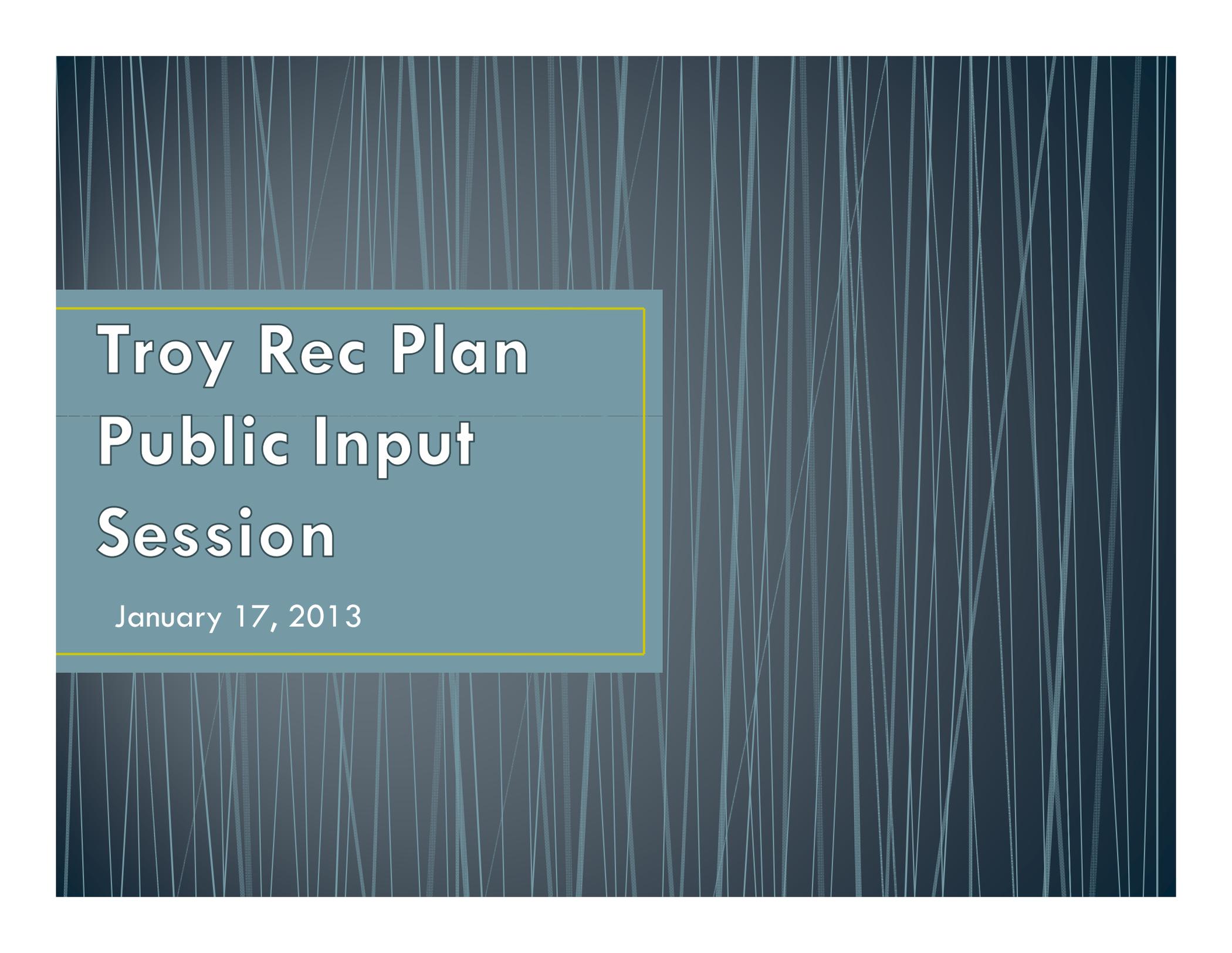
- Survey Response and Facility Use
 - 795 surveys taken as of January 14, 2013
 - 85% of survey respondents were Troy residents.
 - 535 responses to open-ended questions
 - Program/Facility Use – Indications of high use
 - 58% of survey respondents were at least frequent users, more than 1/3 responded that they participated “very regularly.”
 - Top 3 responses for the reasons that prevent respondents from using Parks and Recreation Facilities were: Time, Knowledge of Programming, and Desired Program was not Offered.
 - Troy Community Center, Golf Courses, and Community Parks received the most responses for the number of times respondents visited each park and facility
 - Trails, Golf Courses, and Passive Nature Areas were the top 3 responses of facility use within the Troy Parks system
 - Active recreation areas (Baseball, Tennis, Basketball) received significantly fewer responses
- Improvements, Funding, and Issues
 - Respondents overwhelmingly listed Multipurpose Trails and Pathways as their most desired additional facilities
 - Dog Parks, Nature Center Programming, and Passive Nature Areas followed
 - Respondents indicated that there is a strong desire to maintain existing facilities
 - In response to “Should existing Parks be improved?” 75% of responses indicated yes
 - In ranking of issues, developing a City-wide system of pathways and trails ranked first, followed by maintaining existing facilities and recreation programs
 - Should City-owned properties be developed as new parks – 52.3% “no” response.
 - Seek alternative sources of funding for programs and capital facilities
 - Grants, user fees, self-fund, public-private partnerships
 - Be open to all alternative sources of funding

For more information, please visit Troyrecplan.com, or e-mail J.Breyer@troymi.gov.



Attachment 11

Troy Parks and Recreation Plan Public Input Session
January 17, 2013 Powerpoint Presentation
"Troy Rec Plan Public Input Session"

The background of the slide is a dark blue color with a pattern of thin, light blue vertical lines of varying heights and positions, creating a textured, rain-like effect.

Troy Rec Plan Public Input Session

January 17, 2013

Agenda

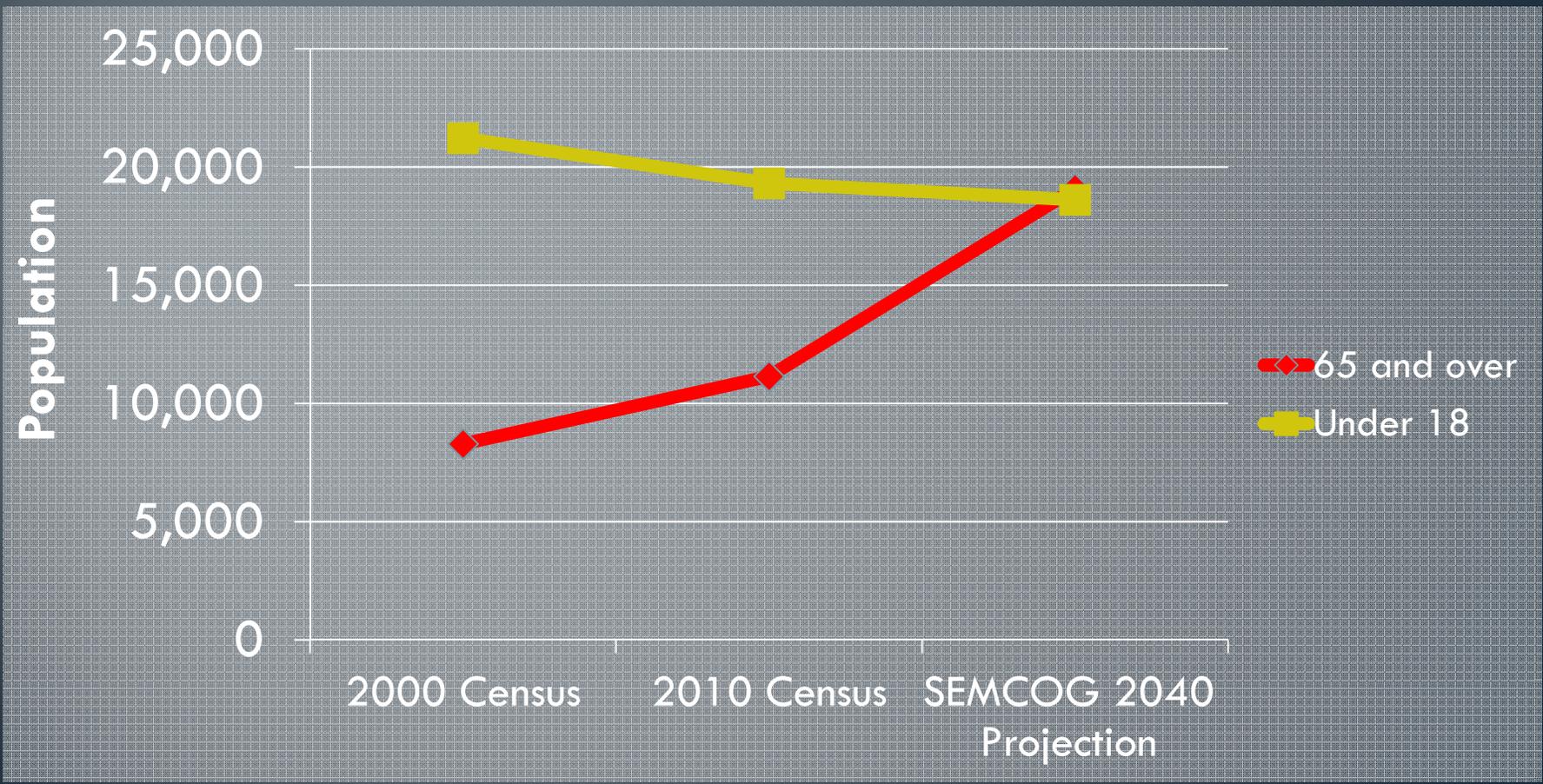
- Park and Recreation Plan Background
 - Purpose and content
 - Status of work to date
 - Upcoming tasks
- Survey Results and review of park, recreation, and open space issues
- Discussion, additions, and revisions
- Priority setting and consensus building
- Next Steps

Why Plan?

- Communities adopt a Parks and Recreation Plan every five years:
 - Helps to define the vision, scope, and goals for these services moving forward.
 - Needed to obtain state grants.

Why Plan?

- Changing Demographics / Needs / Desires



Why Plan?

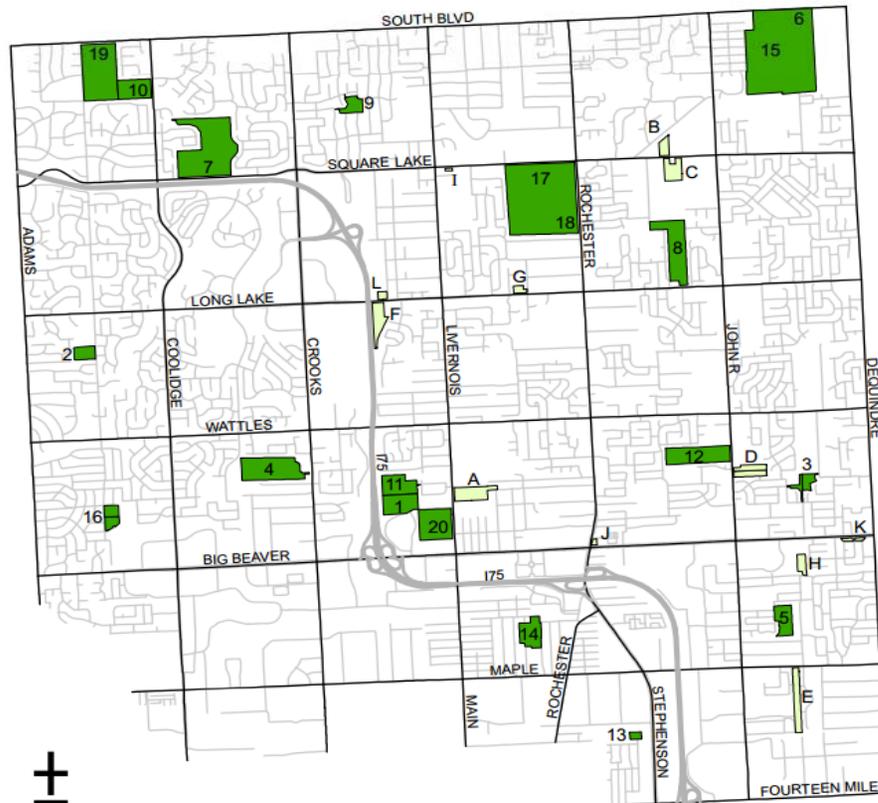
- Financial consideration



Why Plan?

- In the previous 5-Year Plan, 12 pieces of land were identified as “future park sites.”

CITY OF TROY PARKS & RECREATION FACILITY LOCATION MAP



EXISTING PARKS & REC. FACILITY SITES

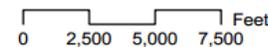
- 1 TROY AQUATIC CENTER
- 2 BEACH ROAD PARK
- 3 BEAVER TRAIL PARK
- 4 BOULAN COMMUNITY PARK
- 5 BRINSTON PARK
- 6 DONALD J. FLYNN PARK
- 7 FIRE FIGHTERS PARK
- 8 JAY CEE PARK
- 9 NORTH GLEN PARK
- 10 LLOYD A. STAGE NATURE CENTER
- 11 PHILLIP J. HUBER PARK
- 12 RAINTREE PARK
- 13 REDWOOD PARK
- 14 ROBINWOOD PARK
- 15 SANCTUARY LAKE GOLF COURSE
- 16 SCHROEDER PARK
- 17 SYLVAN GLEN GOLF COURSE
- 18 SYLVAN GLEN LAKE PARK
- 19 TROY FARM
- 20 TROY COMMUNITY CENTER

PROPOSED NEW CITY PARK SITES

- A SITE #1 - SECTION 22
- B SITE #2 - SECTION 2
- C SITE #3 - SECTION 11
- D SITE #4 - SECTION 24
- E SITE #5 - SECTION 36
- F SITE #6 - SECTION 16
- G SITE #7 - SECTION 10
- H SITE #8 - SECTION 25
- I SITE #9 - SECTION 10
- J SITE #10 - SECTION 23
- K SITE #11 - SECTION 25
- L SITE #12 - SECTION 9

KEY

- PROPOSED NEW CITY PARK SITES
- EXISTING PARK & REC SITES



Why Plan?

- Determine and prioritize Troy park funding and recreation programming:
 - Current financial situation
 - Changing demographics

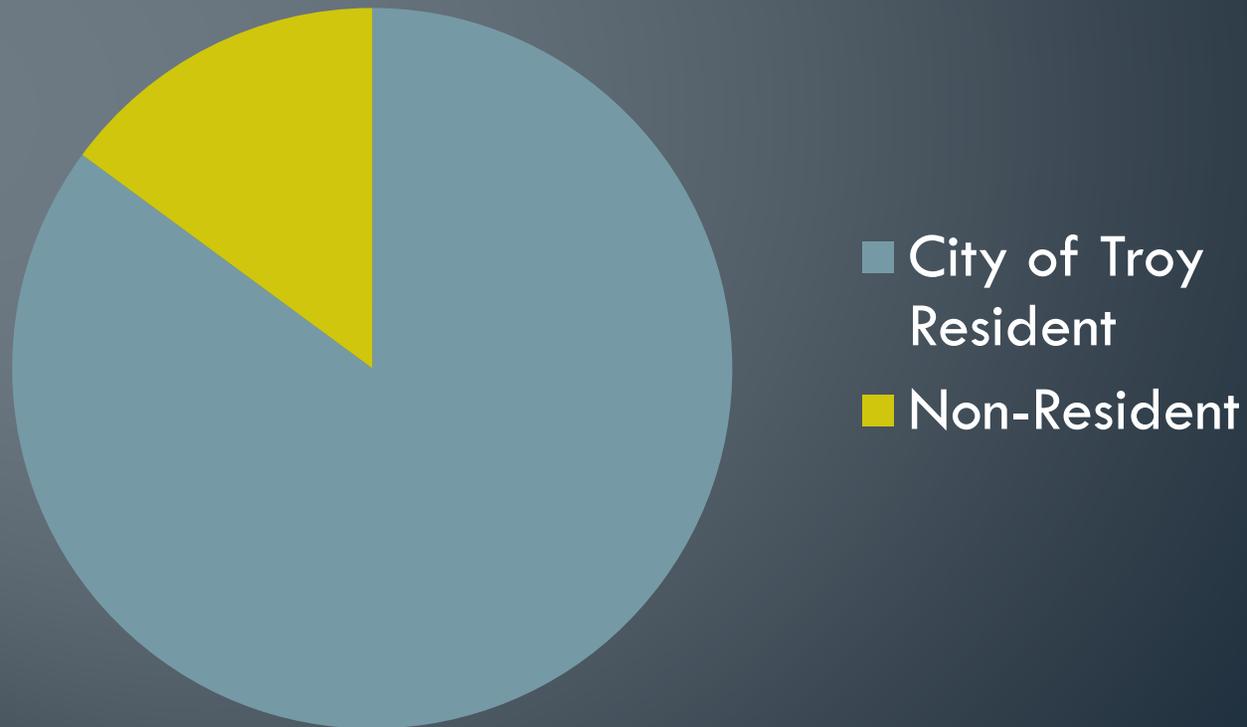
Progress to Date

- 2007-2012 Plan
- Seeking Community Input for 2013-2018 Plan
 - Survey / MiCommunity Remarks Results

Survey Results

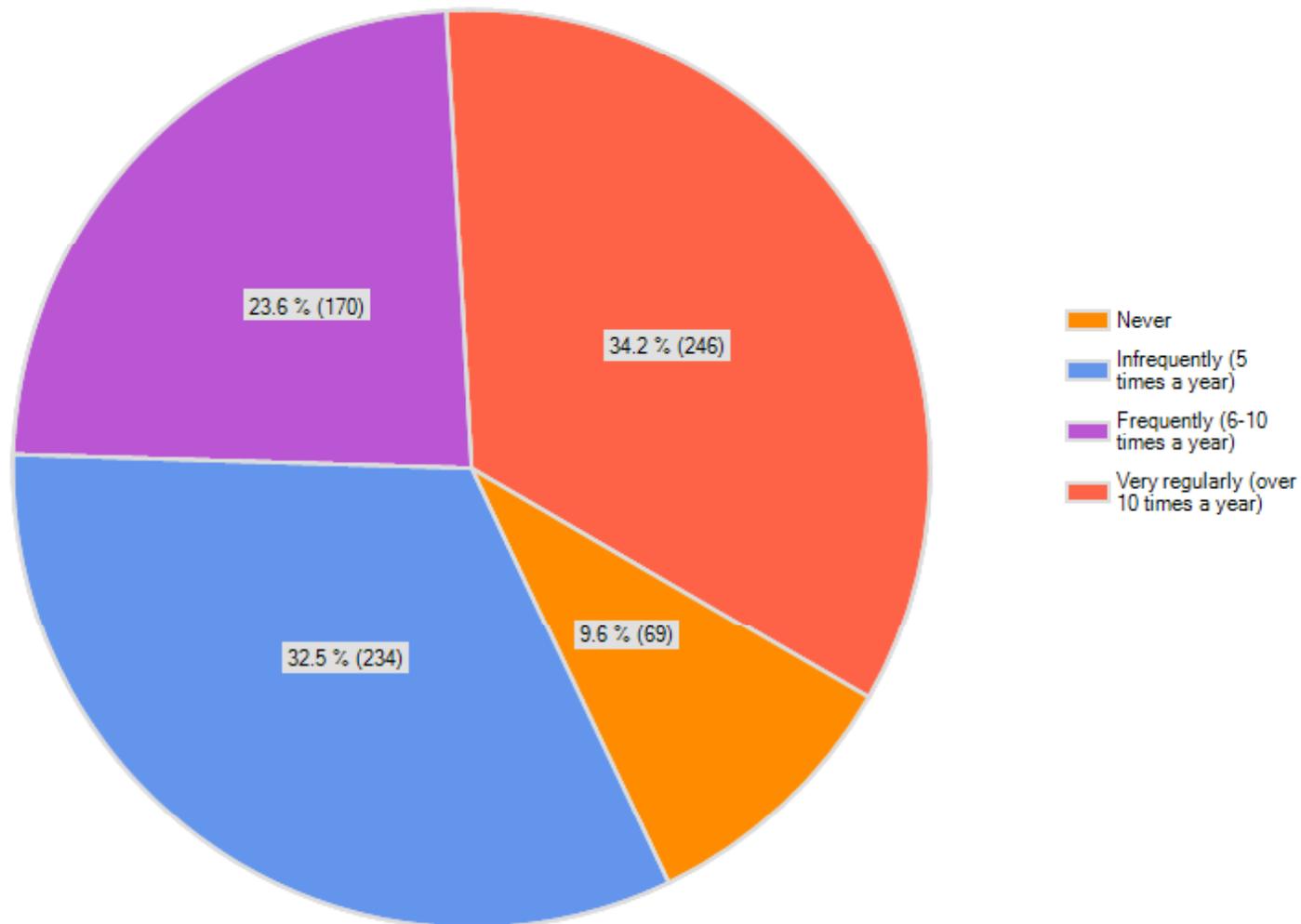
- 744 surveys to date

Residency



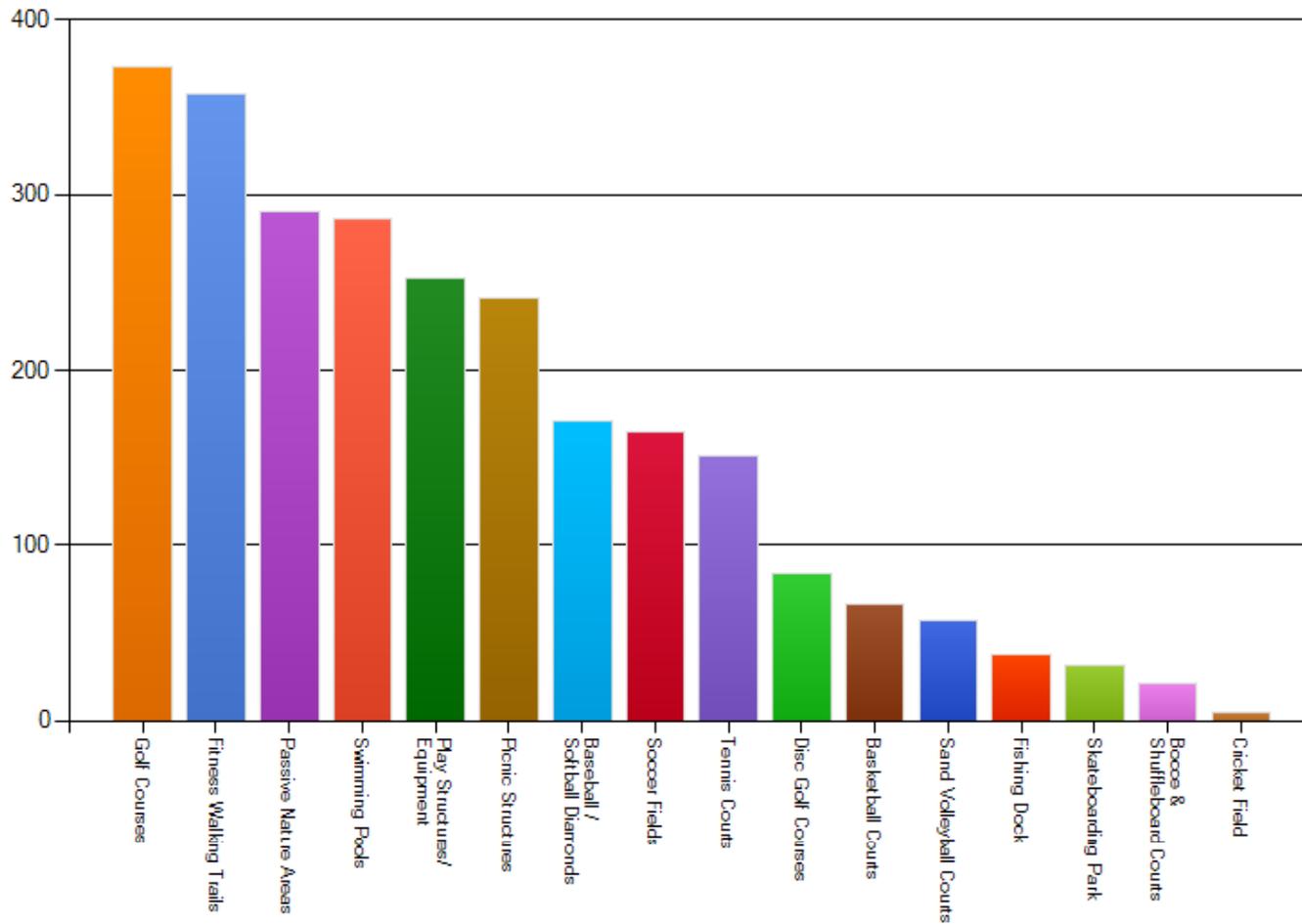
Recreation Participation

My family and/or I participate in the programs and services offered by Troy Parks and Recreation Departments:



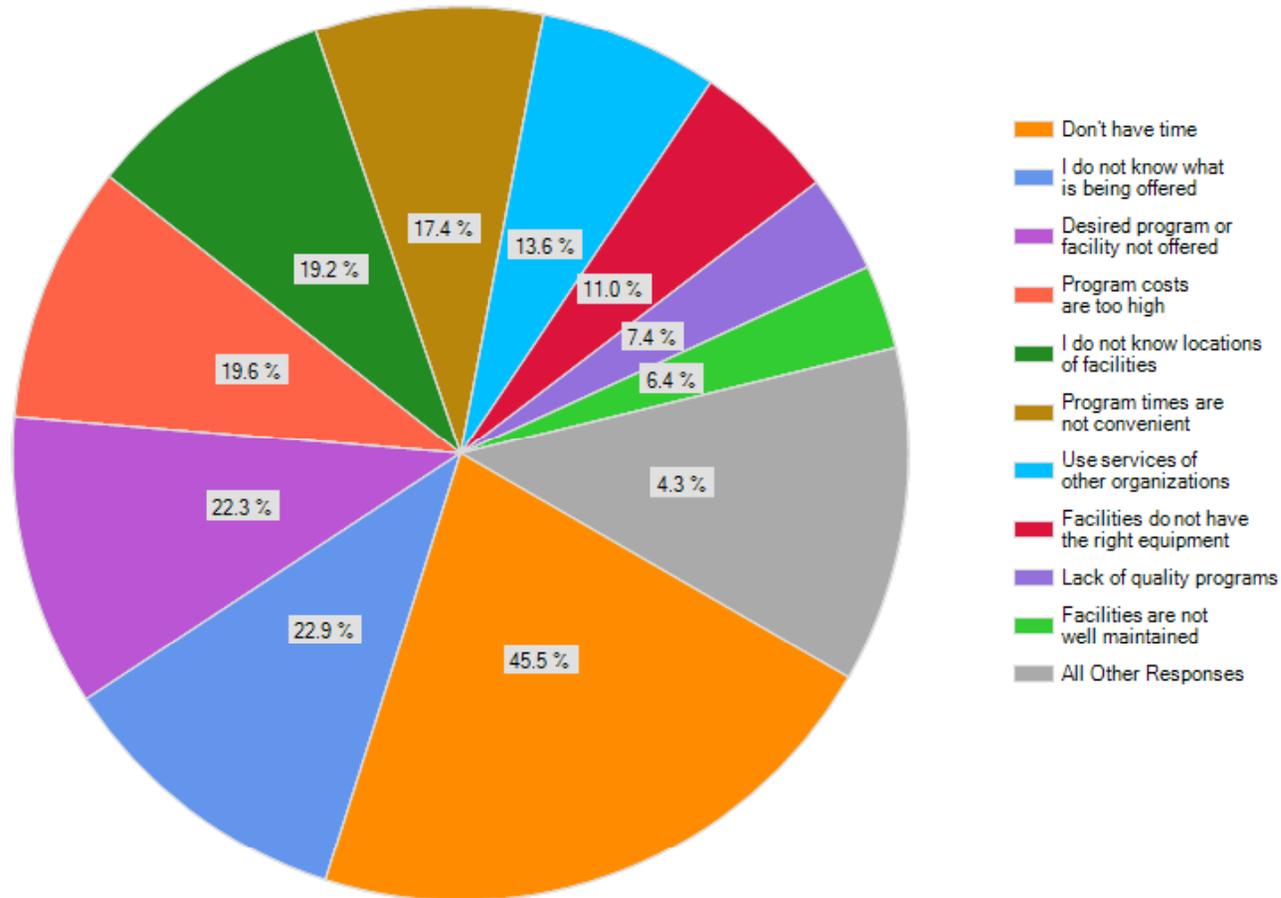
Park and Recreation Facility Use

Which of the following recreation facilities in Troy parks do you or your family use?



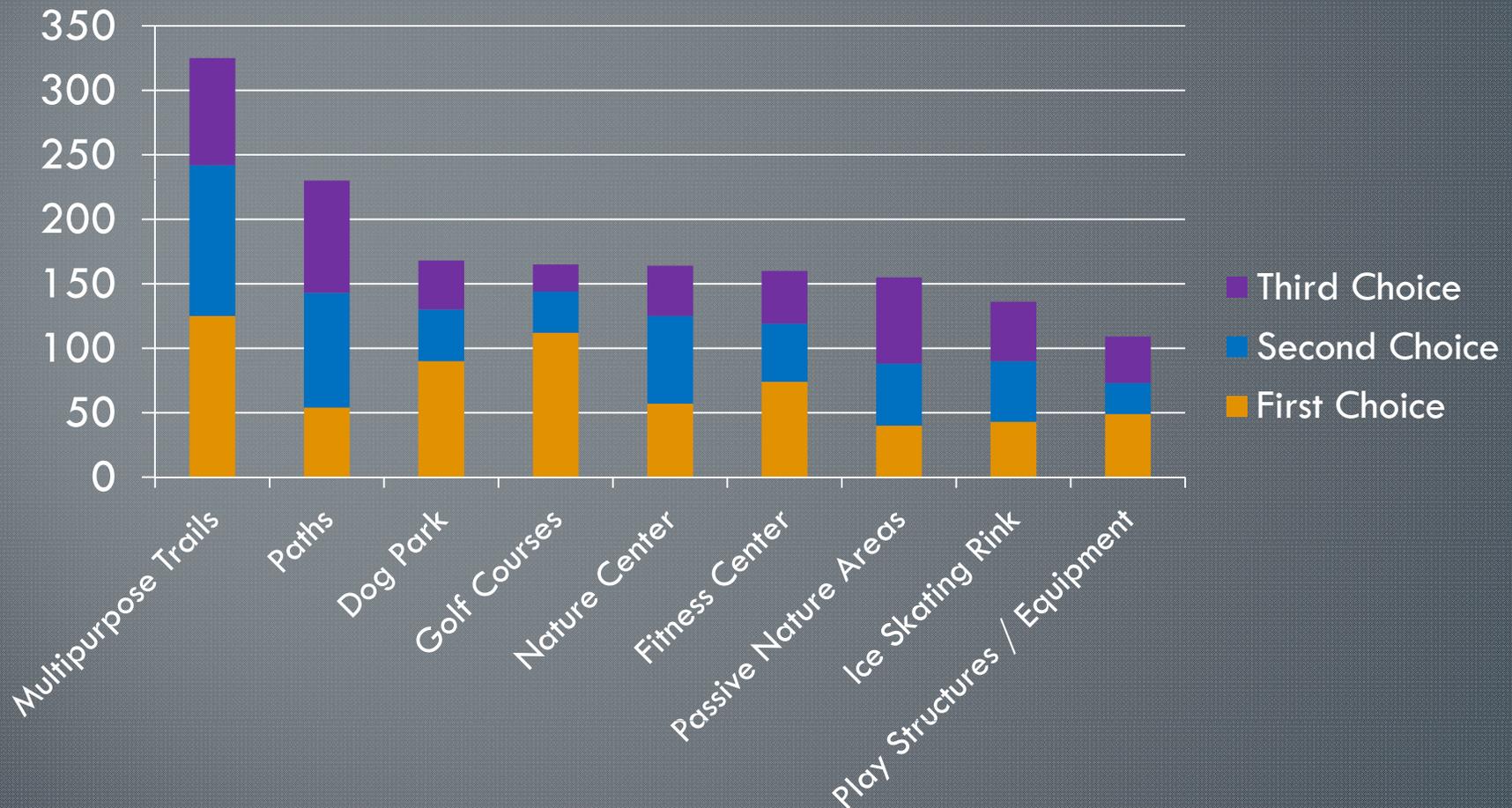
Participation

Please check all the reasons that prevent you or other members of your household from using Parks or Recreation Facilities:



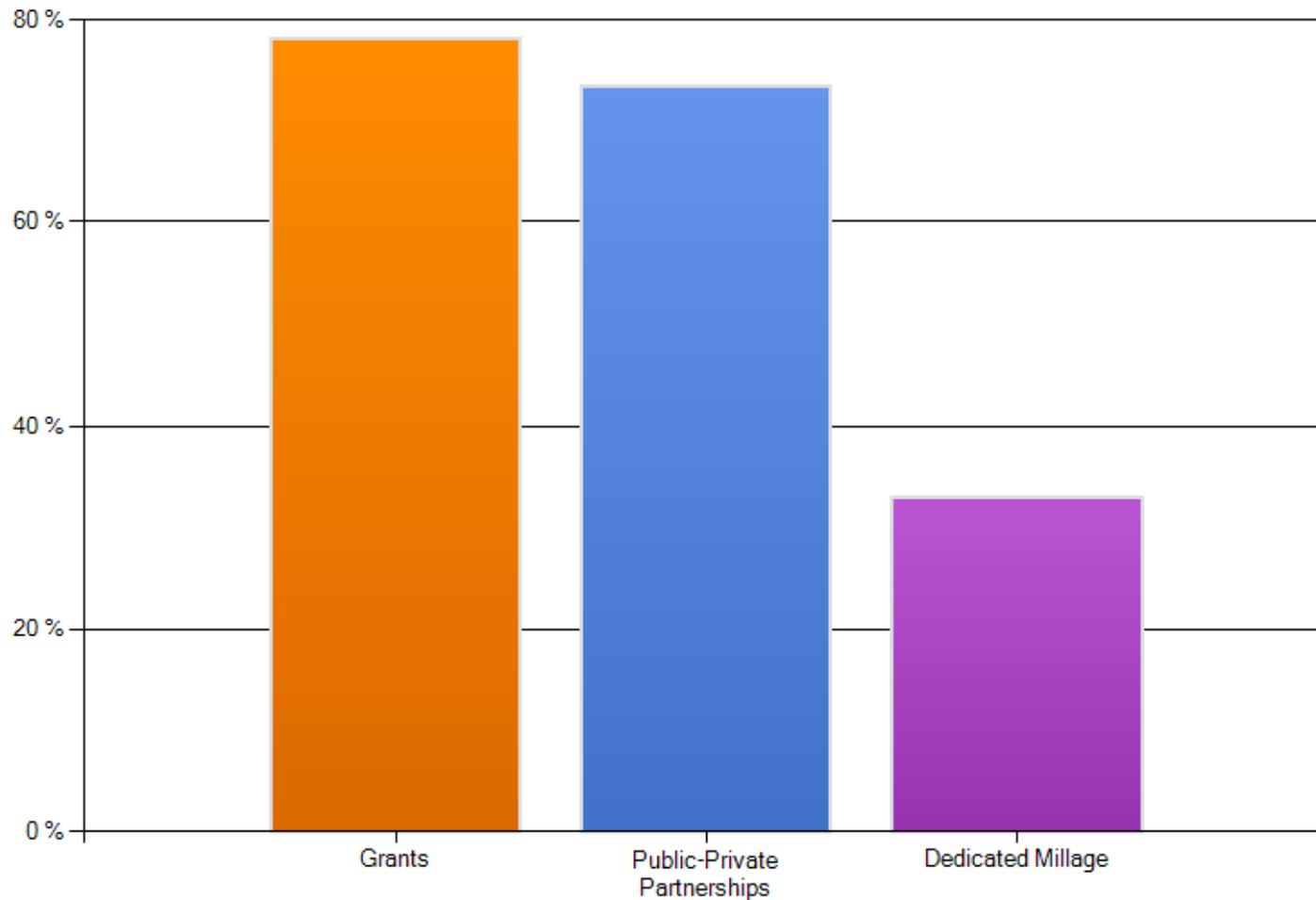
Park and Recreation Facilities

Which of the following recreation facilities in Troy parks would you like to see more?



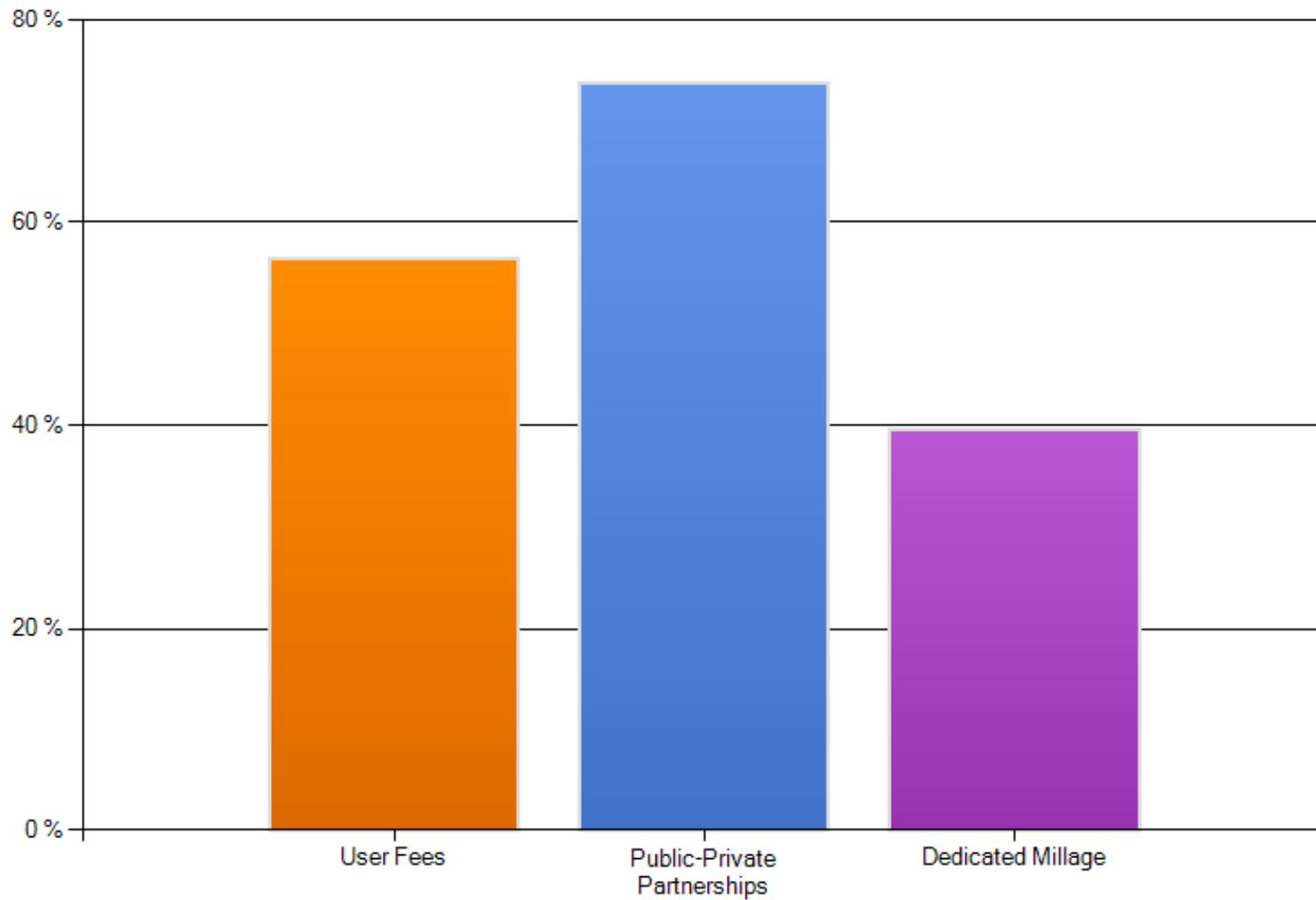
Sources of Revenue

What other sources of revenue should City administration consider to fund capital improvements including development of new parks? (please check all that apply)



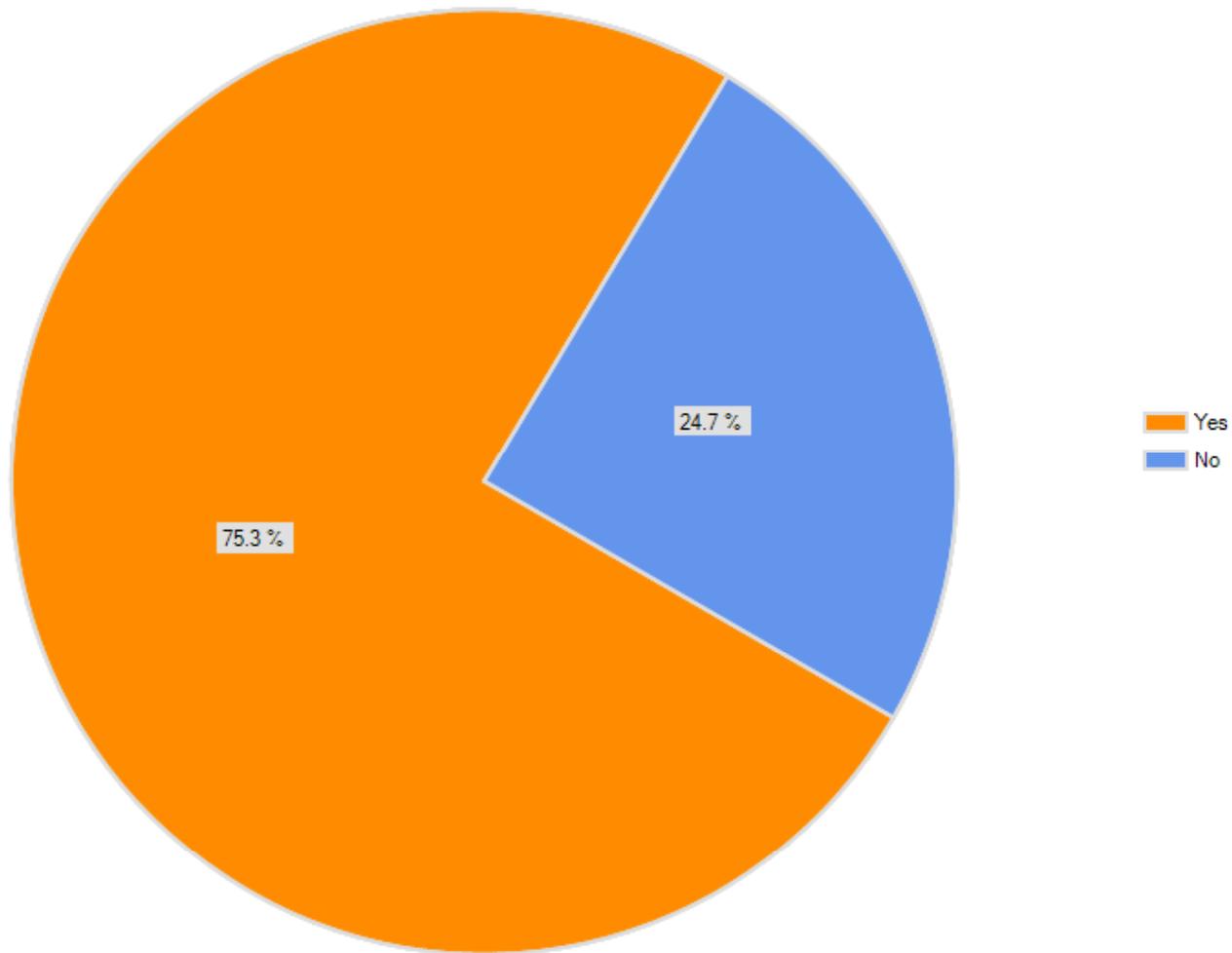
Sources of Revenue

What other sources of revenue should City administration consider to keep funding steady for current programs? (please check all that apply)



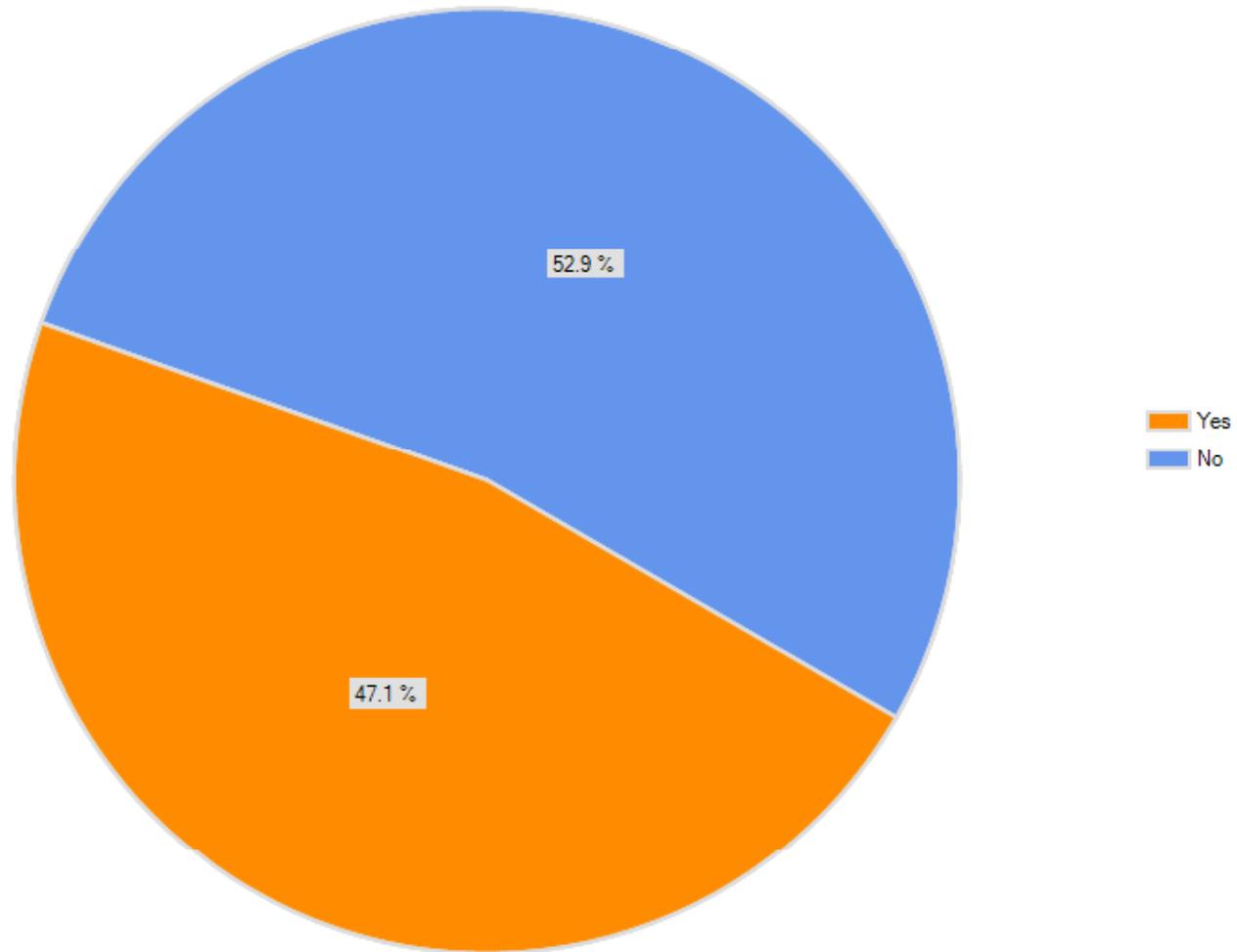
Existing Park Improvement

Should existing parks be improved?



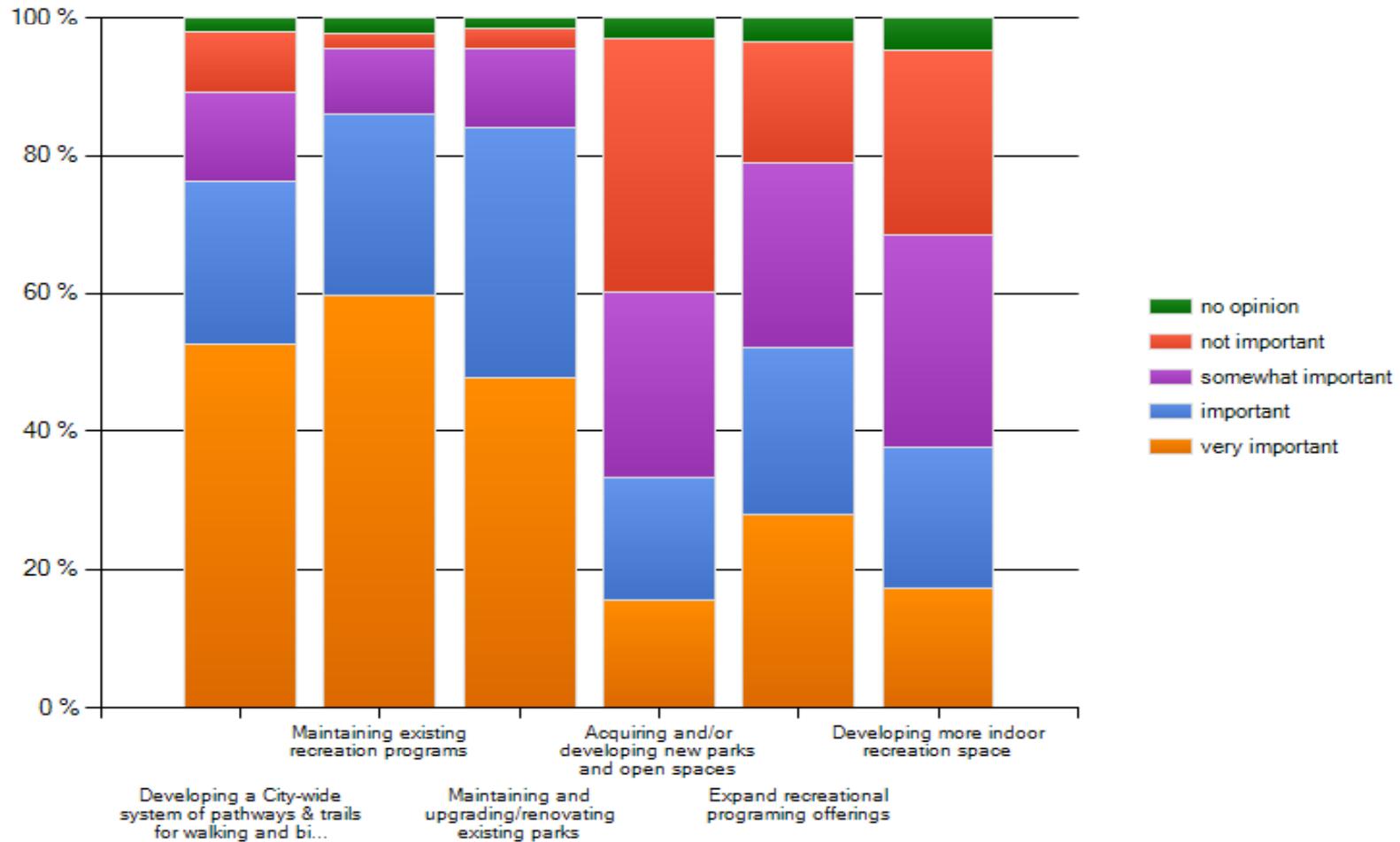
City-Owned Land

Should City-owned land be improved as new parks?

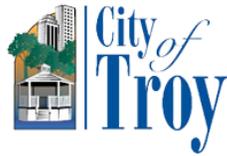


Ranking of Issues

In your opinion, how important are the following for Troy parks and recreation services?

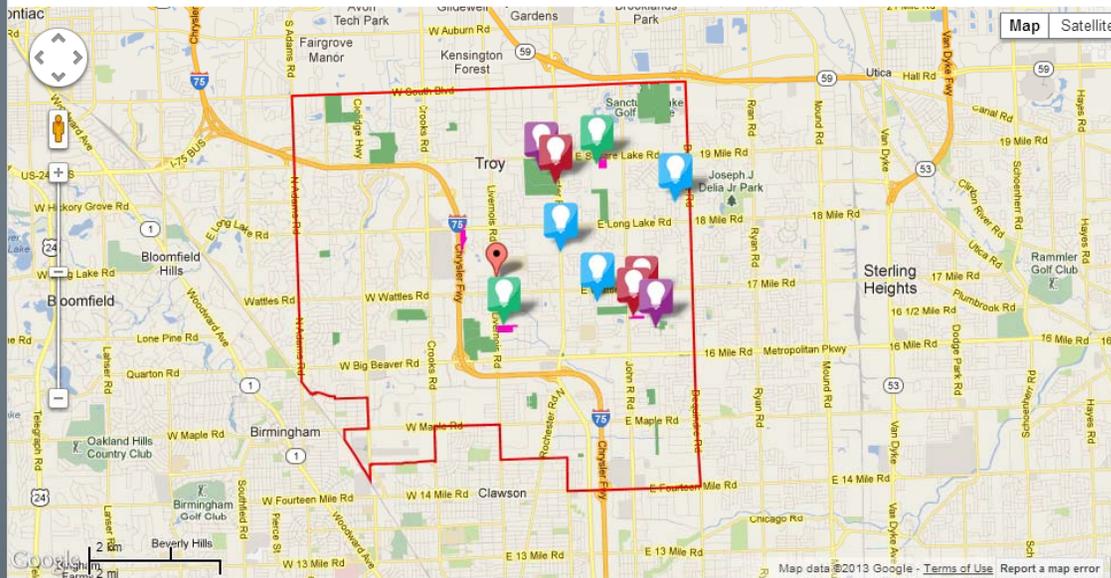


Geographic Comments



Home | Add Comment to Map

Parks, Recreation, and Open Space Master Plan



MAP LEGEND

- Municipal Parks
- Proposed Parks

Tell us on a map



Welcome to the Community Remarks map application.

Citizen Maps by Topic

- New Recreation and Amenity Needed (3)
- Potential Passive Park / Native Area (2)
- Park and/or Facility Maintenance Issue (2)
- Development / Redevelopment Opportunity (4)

We are collecting citizen feedback about Troy parks. We have created some important topics for you to comment on. Please answer a few or all of the questions to help us better serve you. **Add your comment to the map** or see what your neighbors have said by clicking on the links to the left.

Summary of Findings

- High Use of Parks and Facilities
 - Most used facilities are passive/nature areas
 - Pleased with Park and Rec Departments
- Lack of Knowledge/ Programs not Offered
 - Provide additional programming
 - Marketing of facilities and programs
- Desire for more Passive Recreation
 - Paths and Trails
 - Dog Park

Summary of Findings

- Parks
 - Improve and maintain existing parks
 - Don't create new parks
- Seek alternative source of funding
 - Grants
 - User fees
 - Self fund
 - Public private partnerships
- Limited support for dedicate millage

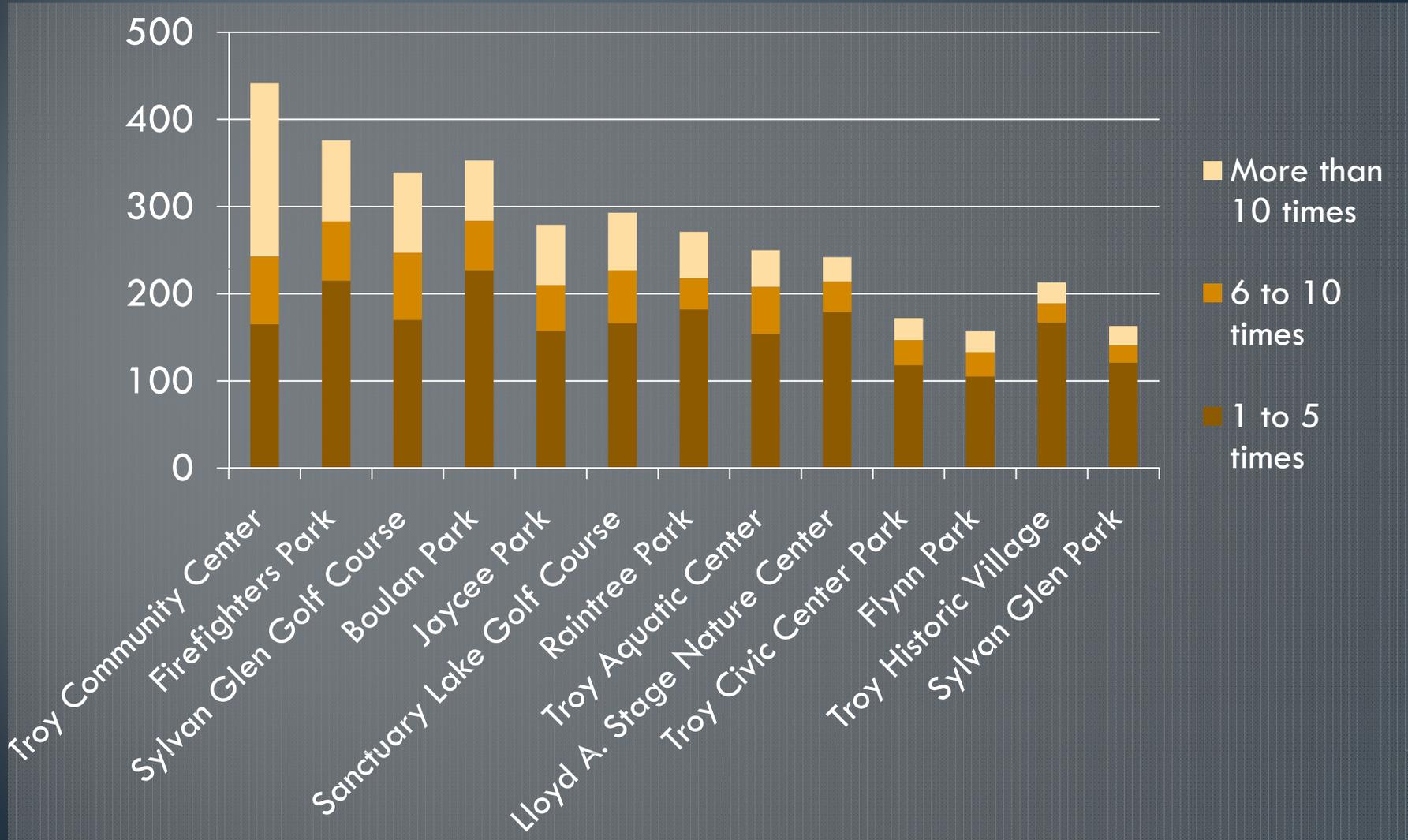
What are we missing?

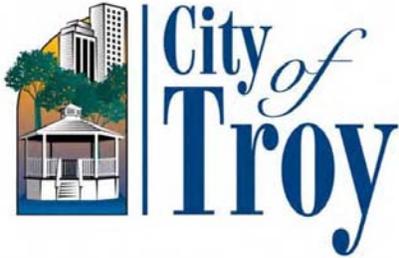
Priority Ranking Exercise

Next Steps

- January 21, 2013: Survey Closes
- February xx, 2013: Parks and Recreation Advisory Board Meeting Draft Plan for Review
- March 12, 2013: Planning Commission Review
- March 18, 2013: City Council sets Public Hearing
- April 14, 2013: City Council Public Hearing

Park/Facility Usage





Attachment 12

January 17, 2013 Public Input Session Poster Boards

Troy Parks and Recreation Plan
Public Input Session

January 17, 2013

FACILITIES

- Create Trails / Paths *MAINTAIN*
- Create Nature / Picnic Areas *MAINTAIN*
- Build Dog Park *1 BARE BONES
1 MORE ELABORATE*
- Improve and Install More Play Structure / Equipment
- Create More Active Recreation Areas (baseball, soccer, etc)
- Create More Specialized Court / Field (pickle ball, cricket, etc)
- Community Center - Senior programs
- Skate Park for kids

Troy Parks and Recreation Plan
Public Input Session

January 17, 2013

PROGRAMING

- Better Marketing and Advertising of Programs
- Maintain Existing Programing
- Offer Additional or Alternative Programing

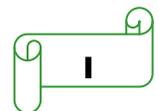
** would love a class on technology in the future - computers, cable, phone for seniors*

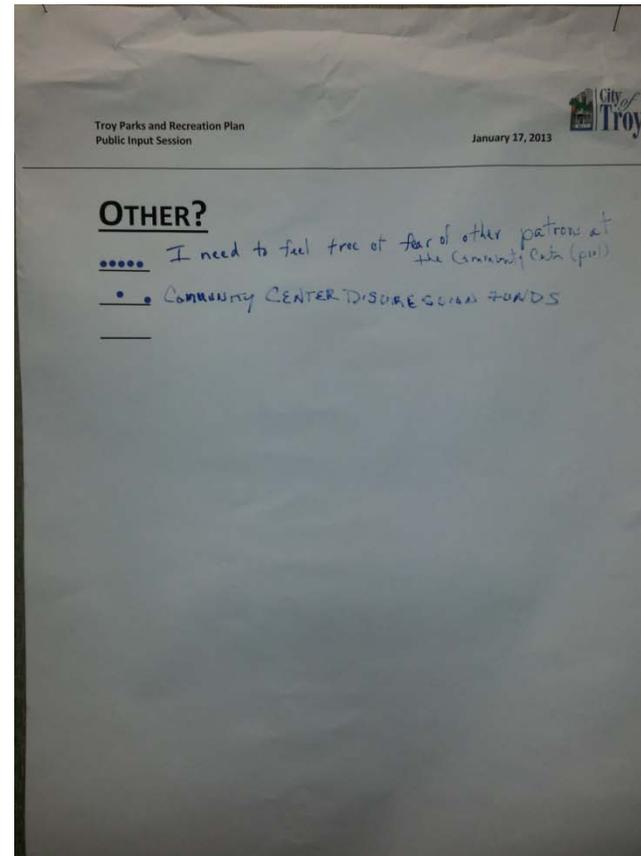
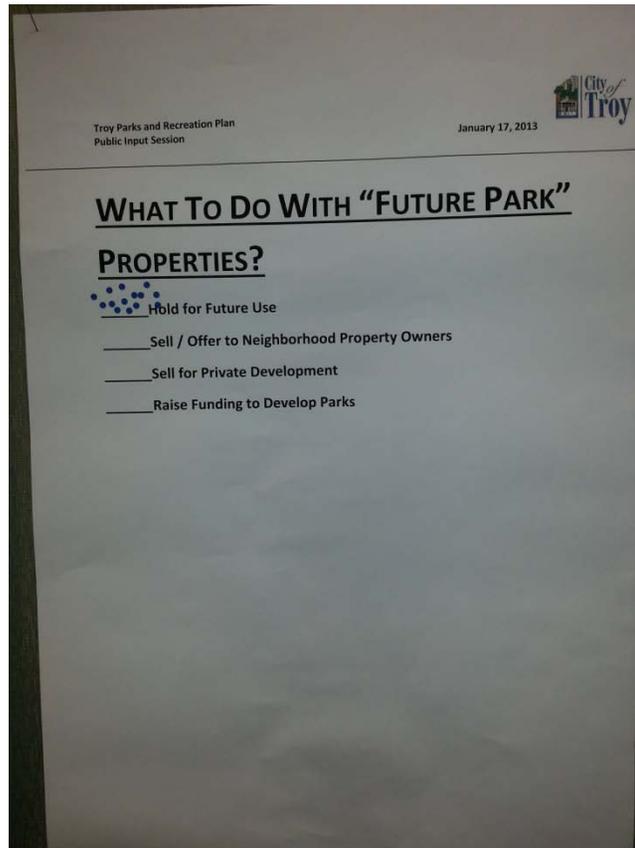
Troy Parks and Recreation Plan
Public Input Session

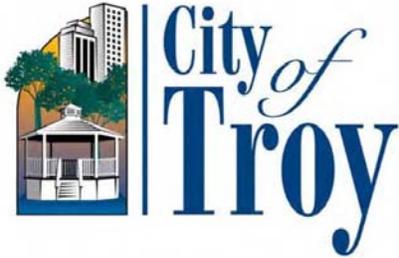
January 17, 2013

ALTERNATIVE REVENUE SOURCES

- Seek Public / Private Partnerships
- Seek Sponsorship / Donation
- Apply for More Grants
- Change Fee Structure
- Charge User Fees







Attachment 13

Written Comments from January 17, 2013 Public Input Session

Written Comments from January 17, 2013 Public Input Session

1.

Main
Raise Funds
Dog Park
Offer additional or alternative
Seek Private
Facilities – Maintain

2.

Benches in Park
Cricket Pitch

3.

Facilities

Community Center needs to be recognized and addressed more directly in the survey. The building is visited daily by a large number of people and is a very important part of the community. Senior citizens ages 50+ deserve to have funding considerations in the updated plan.

4.

-Demographics

65+ Increasing

-Dogs are therapeutic for older folks. That means that # of dogs will increase as 65+ people increase. = More need for Dog Park.

-Cheap outdoor ice skating rink. In my youth my City simply flooded a tennis court for us to skate on.

5.

- Improved and “regular” maintenance of park “open areas”
- Enforce Park rules, i.e. “dogs on leashes”
- Maintain tree cutting on home owner property lines

6.

Joint use walking/jogging path on Wilderness property owned by school district with school district & Federal fitness groups from Square Lake to 20 mile road. 1 Parking lot & circle asphalt road.

7.

- I would like to spearhead the dog park. I have experience and contacts constructing a dog park. Also, I am computer literate and over 60. How can I help older seniors?

- I love the computer classes. Helps keep me up to date & in the game.

Rcrusade@aol.com

248.641.1962 phone

Rosemary Kornacki

8.

Facilities

1) Build a Dog Park!

2) Build "crossovers" on major intersections

3) More basketball courts

-No more fees

Programming

Request IT Class for seniors on upcoming electronics – both in computers, telephone & cable

9.

1)Is it safe for a young mother to take her young children to a park without fear of teenagers smoking pot at the park?

2) Is it comfortable for a senior citizen to go to the community center without feeling threatened by other aggressive patrons.

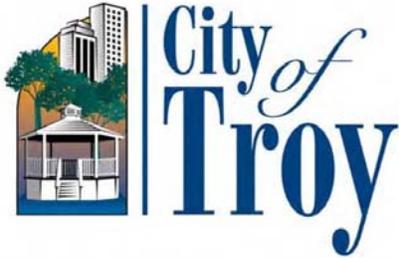
#1 – Have a citizen committee go to the high school to encourage teens to act responsibly

#2 – Have City Council pass guidelines for civil behavior at the pools and community center fro all cultures. Some may need to tone it down!

10.

1) Put more benches in the parks or seating areas.

2) More skate park for kids, you may reference skate parks in Toronto, Canada.

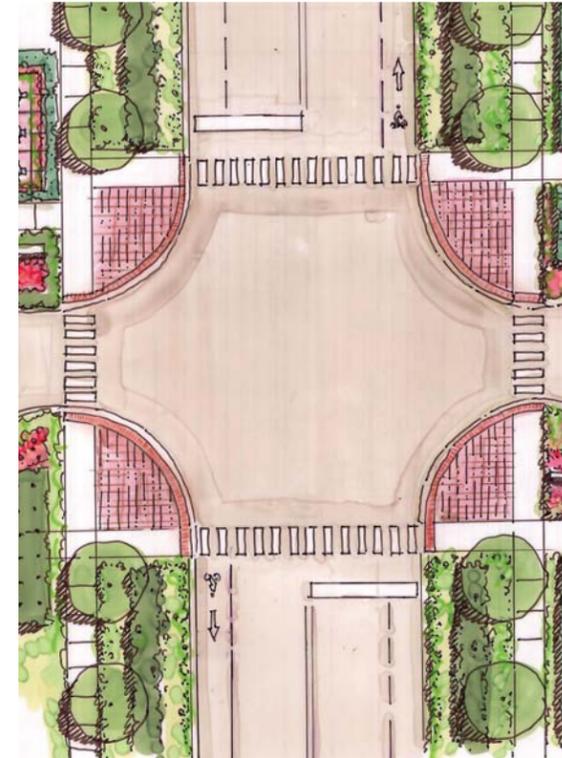


Attachment 14

2009 City of Troy Trails and Pathways Plan

TRAILS AND PATHWAYS MASTER PLAN

CITY OF TROY, MICHIGAN



TRAILS AND PATHWAYS MASTER PLAN

CITY OF TROY, MICHIGAN

DECEMBER 2009

The Troy Trails and Pathways Project is a comprehensive plan to establish a network of recreational, multi-use trails that connect people to important destinations in a safer, greener and a more accessible way appropriate for all users. The plan shall guide planning, development, management and operations of existing and future bicycle and pedestrian transportation that fits into the fabric of the City of Troy and also makes regional connections. It is designed to be a flexible document that will change and grow, incorporating new treatments as appropriate.

Prepared by:

Hamilton Anderson Associates, Inc.
The Greenway Collaborative, Inc.

**For the City of Troy Parks and
Recreation Department in Partnership with:**

Trails and Pathway Committee
City of Troy Planning Department
City of Troy Traffic Engineering
North Woodward Community Foundation



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TRENDS

- People have an increased interest in healthy lifestyles.
- People are seeking alternative modes of transportation as energy prices rise and resources are depleted.
- Progressive communities currently have or are developing non-motorized transportation systems.
- Trails are sought after amenities in desirable communities.



Communities the world over are recognizing the viability of non-motorized transportation modes. While walking has gained popularity and recreational cycling is still the primary use of bicycles in this country, the number of people walking and biking to work and other activities has been steadily increasing since the early 1970s. Nationwide, people are recognizing the energy efficiency, cost effectiveness, health benefits and environmental advantages of non-motorized travel. The emphasis now being placed on non-motorized transportation requires its consideration in all phases of transportation planning, new roadway design, roadway reconstruction capacity improvement, transit projects and off-road amenities.

This plan outlines a strategy for people to enjoy newly created plazas in places formerly occupied by speeding traffic; safely negotiate through pedestrian friendly streetscapes in school zones, senior districts, and the areas around transit stations; and ride in protected bicycle lanes. Trails offer opportunities for walkers, runners, bikers, roller bladers and skiers to exercise, improve health, reduce stress, enjoy the outdoors and view wildlife.

Any non-motorized system should create a hierarchy of amenities ranging from a network of signed bike routes and dedicated bike lanes on roads, to off-road paths and bus connections. The network should seamlessly link bicycle, pedestrian, vehicular and mass transit systems to adjacent communities and recreation systems.

The Troy Trails and Pathways Master Plan establishes and promotes a network of recreational, multi-use paths connecting people to destinations in a safer, greener, and more accessible way. These paths also connect to other trail systems in Southeast Michigan. Regionally, the pathway will add to the developing Michigan trail system, helping to implement a larger recreation model for Southeast Michigan, and will encourage the State's economic plan that identifies ecotourism as a future revenue source. Locally, the trail will enable non-motorized, sustainable travel opportunities throughout the City.

PLANNING PROCESS

A sound foundation for the Trails and Pathways Master Plan began as a collaboration between the City of Troy, Troy Trails & Pathways Committee (TTC), and the North Woodward Community Foundation (NWCF). A volunteer committee worked to establish a mission statement, vision statements and preliminary ideas for action from which the design team was able to build.

The community's vision was a pathway network plan that would identify development strategies that connect residential neighborhoods to parks, schools, shopping areas, dining, recreation and work centers. This network would then link to non-motorized systems in adjacent communities so users could easily walk or bike to nearby regional non-motorized corridors.

To transform these early ideas into a guiding document for the City's pathways system, the City of Troy engaged the consulting team to continue a highly participatory process, assess all reasonable alternatives, design a final plan and build momentum for implementation. A work plan was developed exploring ways to improve recreation opportunities and incorporate environmental enhancements while honing a sense of community identity. The health and safety of the area's residents was the primary consideration in all design decisions.

The work plan included the following tasks:

- Pre-design
- Inventory and Analysis
- Programming and Strategic Approach
- Final Master Plan

PRE-DESIGN

A project kick-off meeting was held with city staff, and key representatives of the Troy Trails and Pathways Committee (TTC) to further define the work plan, discuss general goals, transfer background information, discuss and refine the project schedule, and establish communication lines.

Existing documents were obtained and reviewed. A working list of additional needs was developed along with a process for communication with the City and TTC.

Research was conducted regarding issues that could affect the master plan such as:

- Bicycle users and facility types
- Intersection Safety
- Complete Streets
- Engaging Public Space
- Bringing Green to a Greenway
- Trends or projections that would affect the feasibility and/or development of a trail system, including all applicable codes and laws (i.e., ADA, etc.).
- Zoning and /or other City ordinance and /or code changes necessary to complete the plan.
- Sensitive areas and concerns that may have an impact on this plan and its implementation.

The Team reviewed the TTC's goals and objectives and classified them into a usable matrix from which they were able to organize their progress.



Existing Conditions

The photos above show the variety of road and pathways systems in Troy. They range from highway overpasses, to neighborhood streets, to off road trails. These varying conditions will require different design solutions to effectively equip the City with a viable non-motorized transportation system.



INVENTORY AND ANALYSIS

A base map for testing greenway design concepts was produced using information and aerial photographs provided by the City and/or Oakland County.

Site visits were conducted to review the physical conditions of the project area and survey the City's public corridors. The survey identified elements affecting character, roadway rights-of-way opportunities and constraints, potential connections to pathways outside of the City and potential linkages to community destinations such as parks and recreation facilities, historic landmarks and cultural attractions. Field observations included the following:

- Existing traffic lights
- Existing ROW planting types and condition
- On-street parking locations, existing street widths and condition
- Potential for "greening" the pathways and trails
- Potential locations for interpretive signage, kiosks and wayfinding amenities
- Priority travel routes, travel zones, origins, and destinations
- Identification of primary road segments that are candidates for the addition of bike lanes through lane narrowing, 4 to 3 lane conversions and paving of shoulders.
- Intersections and crossings such as condition, spacing, potential for improvement
- Desirable and undesirable views
- Institutional, commercial, and recreational assets, schools, parks, anchors, amenities, historic markers and other points of interest or destinations
- Recreation opportunities
- Block size
- Sidewalk condition and potential off-road trails

PROGRAMMING AND STRATEGIC APPROACH

A day/evening-long workshop with the TTC and key City of Troy department heads was held. The site analysis documents prepared in the analysis phase were used to generate discussion and guide decisions.

Programming

Based on input gained during the first workshop, the consulting team conceptualized preliminary program and pathway opportunities. These early efforts solidified fundamental project goals and objectives and began to establish parameters to separate strategic alternatives into categories of immediate and phased implementation. Preliminary documents included the following considerations:

- Bike Route and Bike Boulevard Preliminary Routes – identification of proposed routes and improvements to enhance and/or modify the existing bike route system and establish some routes as bike boulevards
- Off-Road Trail Preliminary Routes – Identification of preliminary routes for the off-road trail system
- Complete Street Recommendations – Recommendations for the primary road segments including road modifications to incorporate bike lanes, mid-block crossing islands, sidewalk enhancements, landscape, lighting and site amenities.

Strategic Plan

In addition to programming, the consultant team provided the following tools/strategies to systematically move the plan forward:

- Priority routes and improvements
- Prioritization Matrix – prioritization of all elements of the preliminary plan based on existing facilities, the existence of adjacent alternative routes, relative demand, safety concerns and street resurfacing plans. Improvements were classified into near-term, mid-term and long-term proposed improvements.
- General Cost Opinions – Order of magnitude cost estimates for all proposed elements of the plan were identified
- Phased Capital Program – cost estimates were coordinated with the prioritization matrix

FINAL MASTER PLAN

A final document was prepared outlining the process and final vision for the Troy Trails and Pathway Master Plan. The document is a tool to help the City reach its non-motorized transportation goals. It contains:

- Brief description of the planning process
- Predesign research findings
- Assessment of opportunities and constraints of existing and future paths
- Proposed Phases of implementation
- Cost estimates for development
- Performance evaluation tools and instruments for use by the City to determine levels of success
- Potential funding sources.
- Phased capital program – a phased and prioritized multi-year capital development plan with suggested implementation strategies to finance the plan.

A Final Review Meeting was held to present the draft document to designated city officials and others to obtain final input.

The Final Pathways Master Plan presented here includes all revisions as required by the City and key stakeholders.

PREDESIGN

BICYCLE USERS

In order to best accommodate bicycle traffic and create appropriate transportation linkages it is important to consider different types of users and the types of pathways they prefer.

Bicycle users fall into various categories based on their comfort level in relation to the various facilities as well as the level of frequency that they bike. Bicycle user types include the following:

Strong and Fearless

- Less than 1% of the population
- Biking is primary form of transportation
- Feel comfortable biking on any road regardless of condition

Enthusied and Confident

- About 7% of population
- Frequent rider
- Prefer designated facilities such as bike lanes

Interested but Concerned

- About 60% of population
- Occasional rider
- Prefer local roads and trails

No Way, No How

- About 33% of the population
- Do not bike, but use sidewalks, crosswalks and trails and will benefit from improved facilities



Strong and Fearless

Interested but Concerned

No Way, No How

Enthusied and Confident



Widened Sidewalk in a Neighborhood



Widened Sidewalk in an Urban Space



Local Road Biking



Traditional Bicycle Lane



Bicycle Lane Along a Transit Route



Bicycle Lane Striping



Trail Network Biking

FACILITIES

The types of bicycle pathways that will be considered are the following:

- Bike Lanes
- Shared Path
- Local Roads
- Trails

Bicycle Lanes

Bicycle lanes are used by the “strong and fearless” and “enthused and confident” riders. These facilities are located within the roadway and are dedicated for bicycle traffic only. Bicycle lanes are designated by a thick white striped line, painted bicycle icons and bike lane signage. Riders using bicycle lanes travel along side traffic in the same direction. Lanes are typically located in the outside or right lane of the direction of travel, but may also exist between automobile traffic lanes and bus/transit lanes in denser urban areas. Bicycle lanes create good visibility for a cyclist by allowing them to travel along the same route as automobiles.

Widened Sidewalks

Widened sidewalks offer another alternative for the “strong and fearless” and “enthused and confident” riders. These facilities are typically shared by cyclists and pedestrians but are not officially designated as bicycle facilities. Sidewalks are typically ten feet wide or greater in order to allow pedestrians and cyclists to comfortably pass side by side. Planted turf areas are positioned between the roadway and widened sidewalk to buffer users from roadway traffic.

Local Roads

Low traffic volumes and reduced speeds on local roads provide a facility for “interested and concerned” riders to feel comfortable. These roads do not have designed bicycle facilities, yet still allow the rider to cycle alongside of traffic. Wayfinding signs are an important element to help strengthen key linkages, since no other designations clearly mark the way.

Trails

Off road trails serve as another facility for the “interested and concerned” rider. These trails may be either paved or gravel and have little interaction with vehicular traffic. Trails are typically reserved for recreational use rather than for transit, but can provide excellent linkages between City parks and other key destinations.

Wayfinding signs are also an important element to these facilities.

PATHWAY SAFETY

Creating safe travel routes for non-motorized transportation is an essential element for a successful pathway plan. The geometric design of a street intersection is integral to how motorists, bicyclists and pedestrians behave on them. Geometry also affects a street's economic, community and environmental impact. The following design features can help slow automobile traffic and improve pedestrian and automobile awareness while beautifying spaces.

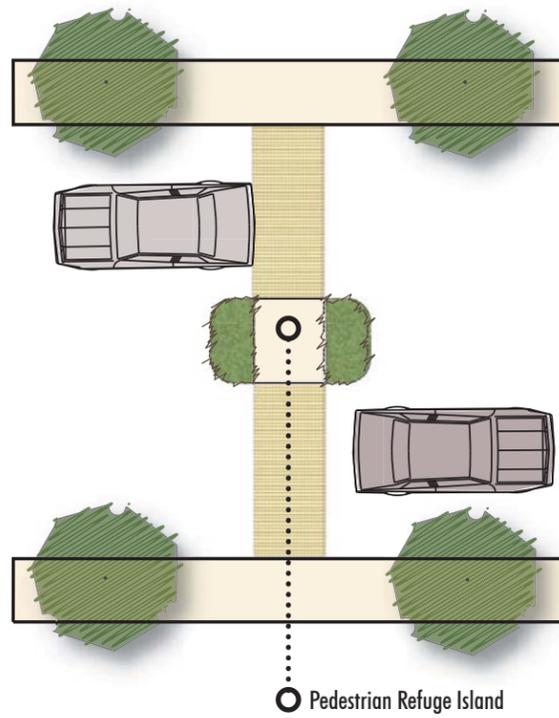
Crossing Islands

Pedestrian refuge islands are an excellent way to reduce the length a pedestrian has to cross on wide streets. Islands offer a resting place for pedestrians, allowing them to cross only one direction of traffic if time does not permit a full width crossing.

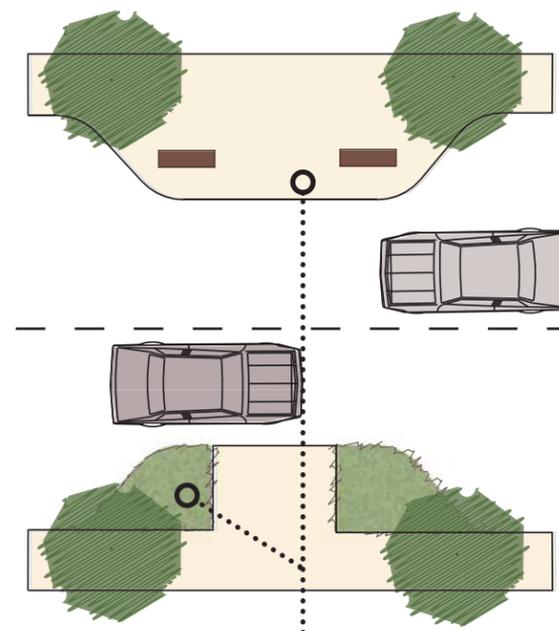
Offset crosswalks can further enhance safety offered by refuge islands. These treatments are designed so crosswalks are split by a median with an offset on either side of the median. This forces pedestrians to face oncoming traffic before turning again to complete the roadway crossing. Offset crosswalks are particularly useful for non-signalized and midblock crossings.

Bulb-Outs

Bulb-outs are curb extensions used to narrow the road and widen the sidewalk at intersections and midblock crossings. Bulb-outs not only improve driver awareness, but create better visibility for pedestrians by opening views to the street that might otherwise be blocked by parked cars. When appropriate these areas can be planted to reduce impermeable, heat absorbing asphalt and increase storm water infiltration capacity.



○ Pedestrian Refuge Island



○ Bulb-outs create opportunities for seating and landscaping



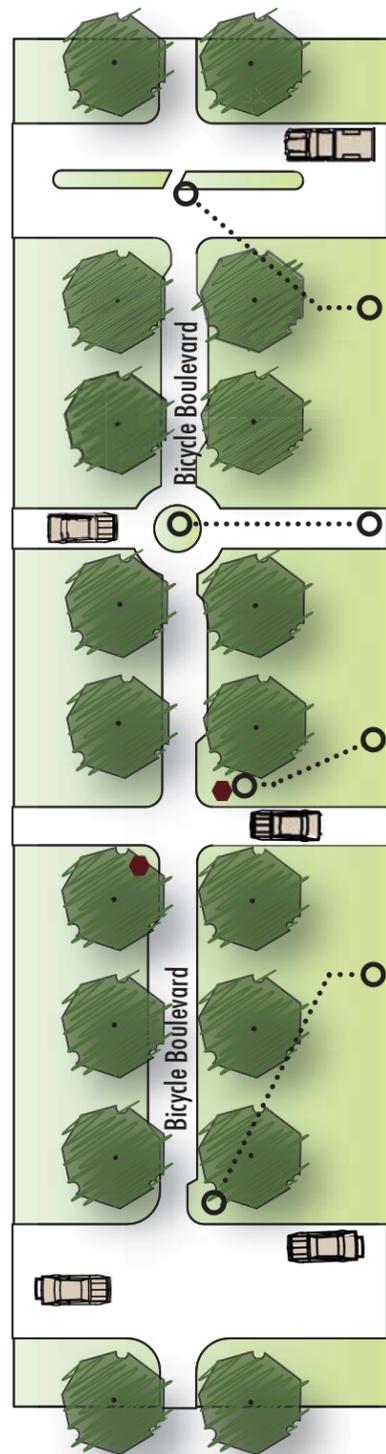
Crossing Island - Pedestrian Refuges



Crossing Island - Off Set Crosswalks



Bulb-Outs



Raised median prevents motor vehicle traffic from cutting through

Traffic circle calms traffic

Stop signs favor through movement on bike boulevard

One-way choker at road entrance prohibits motor vehicle traffic from entering from one direction, although road remains open to two-way traffic

Bicycle Boulevard Containing Additional Traffic Calming Measures



Bicycle Boulevards



Traffic Calming Circles



Chicanes



Pedestrian Beacons

Bicycle Boulevards

A bicycle boulevard is a shared roadway which has been optimized for bicycle traffic. In contrast with other shared roadways, bicycle boulevards discourage cut-through motor vehicle traffic, but typically allow local motor vehicle traffic. They are designed to give priority to cyclists as through-going traffic.

Bicycle boulevards are designed to offer the advantages of cycling on shared arterial roadways that experienced cyclists typically value, combined with the advantages of bicycle paths that appeal to would-be, inexperienced, or young riders. Thus, bicycle boulevards can be beneficial to both types of cyclists. Experienced cyclists can enjoy lower traffic without significant increases in trip time. For less experienced cyclists, bicycle boulevards can serve as “stepping stone” facilities that help them move from bicycle paths and trails to shared roadways.

Several traffic calming mechanisms can be used along a bicycle boulevard to limit automobile traffic. These include, medians with cut throughs wide enough for cyclists to travel, traffic circles, bulb-outs and stop signs for boulevard crossing traffic only.

Traffic Calming Circles

Traffic calming circles are islands typically located in the center of an intersection to slow vehicular traffic by interrupting the traditional street grid. Not only do traffic circles vary the scale of wide streets, they create additional areas for beautification and stormwater management.

Chicanes

Chicanes create S-shaped paths for traffic flow and can be either mid-block curb extensions or curb islands. Like bulb outs and calming circles, chicanes slow vehicular traffic and add space for landscaping and stormwater management but with alternate rather than aligned geometries. The unique geometry created by chicanes makes them amenable to one-way and two way roads.

Pedestrian Beacons

Pedestrian beacons are typically used at intersections where there is no signalization. Flashing lights call attention to pedestrian crosswalks where signage or other design treatments are deemed insufficient, crash rates indicate the possibility of a special need, or to provide supplementary warning of a midblock or uncontrolled school crosswalk. The flashers can be activated passively or with pedestrian push buttons.

CREATING COMPLETE STREETS

“Complete Streets” are roadways designed to accommodate safe access for all users. Pedestrians, bicyclists, motorists and transit riders of all ages and abilities are able to safely move along and across Complete Streets to school, work, play or to run errands. Complete Streets principles and concepts have been and continue to be adopted nationwide at state, county, metropolitan planning organization, and city levels.

Adopting a complete street approach to transportation planning is a critical way to create a safer, greener, and more accessible transportation network. This approach treats non-motorized and motorized transportation equally within the street environment, ultimately creating a more balanced transportation system accessible to all users.

Important elements include:

- Sidewalks
- Bicycle lanes
- Wide shoulders
- Plenty of well designed and well placed crosswalks
- Crossing islands in appropriate midblock locations when block lengths are long
- Bus pullouts or special bus lanes
- Raised crosswalks
- Universal design such as barrier free ramps and audible crossings
- Pedestrian activated intersections
- Sidewalk bulb-outs
- Street trees, planter strips and ground cover, staggered parking, and other ‘traffic calming’ techniques that tend to lower speeds and define an edge to travel ways
- Center medians with trees and ground cover
- Reduction in numbers of driveways
- On street parking and other visual speed reduction methods, when properly designed to accommodate bicycles
- Innovative stormwater techniques
- Wayfinding and signage
- Site amenities such as benches, resting areas, trash receptacles, bus stops, news stands, pedestrian scaled lighting
- Public art



Shared Streets

- Traffic calming elements
- Transit rider amenities
- Bicycle racks in parking lane



Reclaimed Unused Space

- Artistic plazas
- Landscaped medians



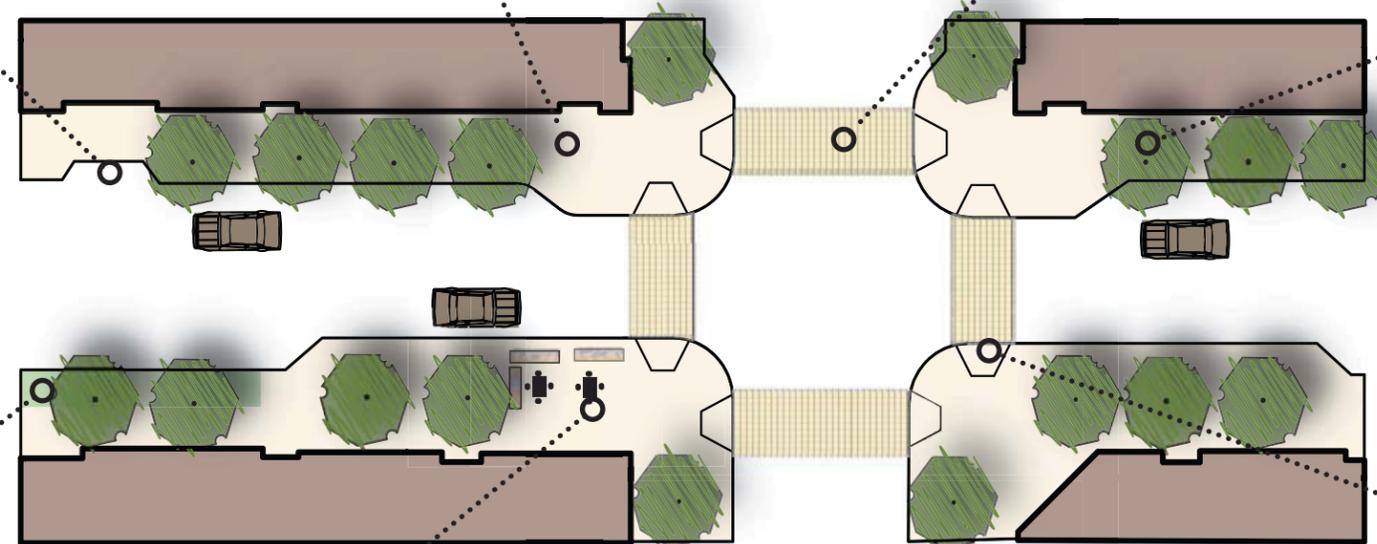
Pedestrian Safety

- Shorter crossing distances
- Visible pedestrian crossings
- Activated intersections



Landscape Improvements

- Medians
- Crossings
- Along Pathways



Environmentally Sensitive

- Stormwater management planting areas
- Permeable pavement
- Urban forests/Street greening



Public Space Elements

- Safe public seating and site furnishings
- Pedestrian oriented lighting
- Wayfinding signage



Universal Design

- Sidewalk ramps
- Accessible pedestrian signals



Bike Racks/Storage



Wayfinding Signage



Seating



Trailheads



Pavement Markings



Regulatory Signage

Engaging Public Space

Creating engaging public spaces is an important element for Complete Street design. As a pathway system grows, users will demand more amenities. Small seating areas placed periodically along the pathway system allow people opportunities for resting and gathering; these spaces make users feel comfortable and are recognized as a "place". This in turn reduces vandalism and trash accumulation as more people are invested in the "space". Other site furnishings such as bicycle racks, wayfinding signs, trash receptacles, and public art further strengthen functionality and vitality of the pedestrian realm.

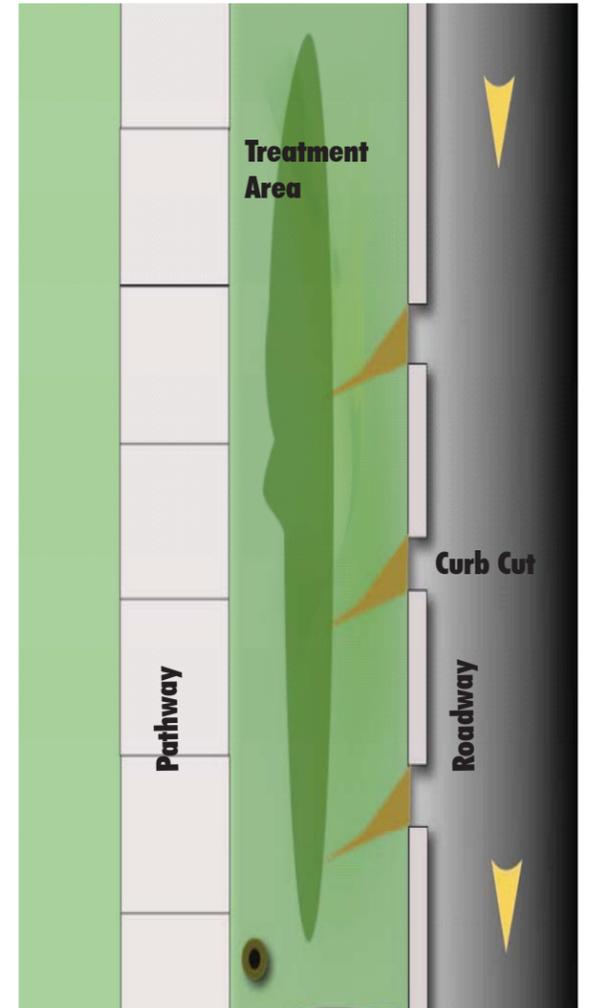
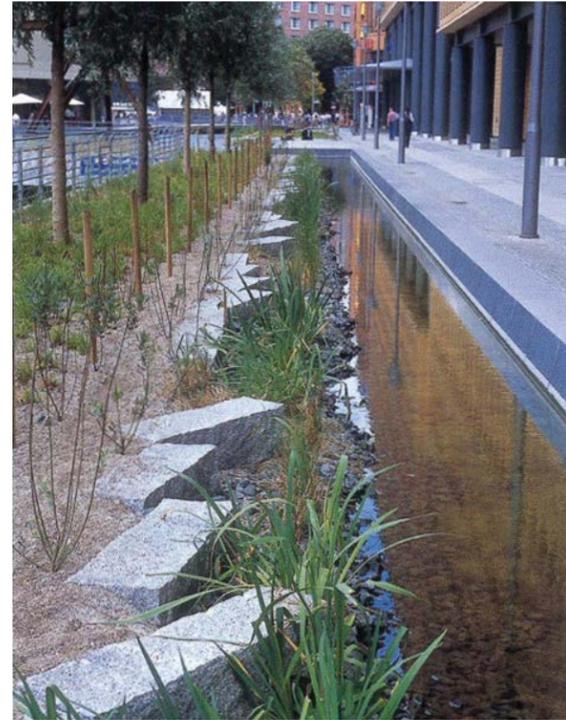
Public art is especially important for unifying spaces, adding visual interest and creating high quality public spaces along a greenway.

These images highlight creative bicycle storage, wayfinding techniques, trailheads and markers, and seating found along a greenway system.

Bringing Green to a Greenway

Promoting low impact design by providing ecological stormwater management tools is relatively easy and cost effective. Not only do components such as permeable pavement, infiltration planters, and rain gardens help to slow, store and treat stormwater runoff, they enhance traffic calming elements and beautify the pedestrian experience. Where opportunities arise, combining green stormwater initiatives with art and educational signage should be considered to strengthen the sustainability of the pathway network and educate people on the value of ecologically responsible development.

These images highlight innovative ways to incorporate stormwater management techniques into a greenway system. Many ideas are very simple and can be easily incorporated into existing systems.



Innovative Stormwater Techniques

Goals

1. Provide safe, accessible and convenient bicycling and walking facilities to support and encourage increased levels of bicycling and walking.
2. Work with stakeholders to plan and promote a safe, sustainable, non-motorized transportation network that links the people and places of Troy and the surrounding region.
3. Move people and goods safely.

Action

Planning

- Develop bikeway and walkway systems that are integrated with other transportation systems and neighboring communities.

Implementation

Create a safe, convenient and attractive bicycling and walking environment.

Education

Proactively communicate with residents about the benefits of trails and pathways

Safety

Create education programs that improve bicycle and pedestrian safety.

Strategies and Tasks

Planning

- Integrate bicycle and pedestrian facility needs into all planning, design, construction and maintenance activities of the City of Troy and other transportation providers. Adopt a “complete street” approach to transportation planning.
- Provide financial and technical assistance for bikeway and walkway projects on local streets.
- Adopt design standards that create safe and convenient facilities to encourage bicycling and walking.
- Adopt maintenance practices to preserve bikeways and walkways in a smooth, clean and safe condition.
- Plan more sidewalks, shared paths, bicycle lanes and bicycle routes and bicycle parking facilities throughout the City.
- Design connections between City uses such as schools, parks and commercial and institutional uses, and adjacent communities.
- Expand bicycle parking facilities.
- Coordinate with neighboring communities.
- Give trails a high priority during budget process.
- Align City planning and building codes and public works policies with growth in demand for trails.
- Create coherent and harmonious streetscapes.
- Provide the greatest possible value to the public.
- Contribute to a healthier and more sustainable environment.
- Create a vibrant public realm with high quality public spaces.
- Accommodate all street users, giving priority to the most energy saving, and space efficient modes.

Implementation

- Retrofit existing roadways with paved shoulders and / or bike lanes to accommodate bicyclists, and with sidewalks and safe crossings for pedestrians. Develop shared use paths where appropriate. Include street furniture, lighting, plantings and art where applicable.
- Provide uniform signing and marking of all bikeways and walkways.
- Align City planning and building codes and public works policies with growth in trails.
- Assign significant dollar amounts to the trails capital fund every year.
- Provide easy access to trail network.
- Accept Pathway Master Plan.

Education

- Monitor and analyze bicyclist and pedestrian crash data to formulate ways to improve bicyclist and pedestrian safety.
- Publish bicycling and walking maps and guides that inform the public of bicycle and pedestrian facilities benefits and services.
- Develop a promotional program and materials to encourage increased usage of bicycling and walking. (completed)
- Create informational web page (completed).

Safety

- Develop bicycling and walking safety education programs to improve skills and observance of traffic laws, and promote overall safety for bicyclists and pedestrians.
- Develop safety education programs aimed at motor vehicle drivers to improve awareness of the needs and rights of bicyclists and pedestrians.

GOALS AND OBJECTIVES

Prior to the selection of the Consultant Team, the Troy Trails Committee completed extensive work to determine their needs and desires for a trail system in their City. The Consultant Team took this information and organized it into three categories:

Goals:

- What the Committee wants to accomplish.

Action:

- How the Committee can accomplish their goals.

Strategies and Tasks:

- Specific obtainable tasks.

The information began to sort itself out in other ways also. The Actions and Strategies fell into four major categories:

Planning:

- Tasks that involve further planning and design.

Implementation:

- Tasks that can be implemented now without further planning.

Education:

- Tasks related specifically to educating the community about the pathway system and the benefits of its use.

Safety:

- Tasks that relate specifically to pathway and user safety.

By breaking down the Goals and Objectives, the tasks become manageable bits that can be broken off and accomplished. Similar tasks can be tackled jointly.

ANALYSIS

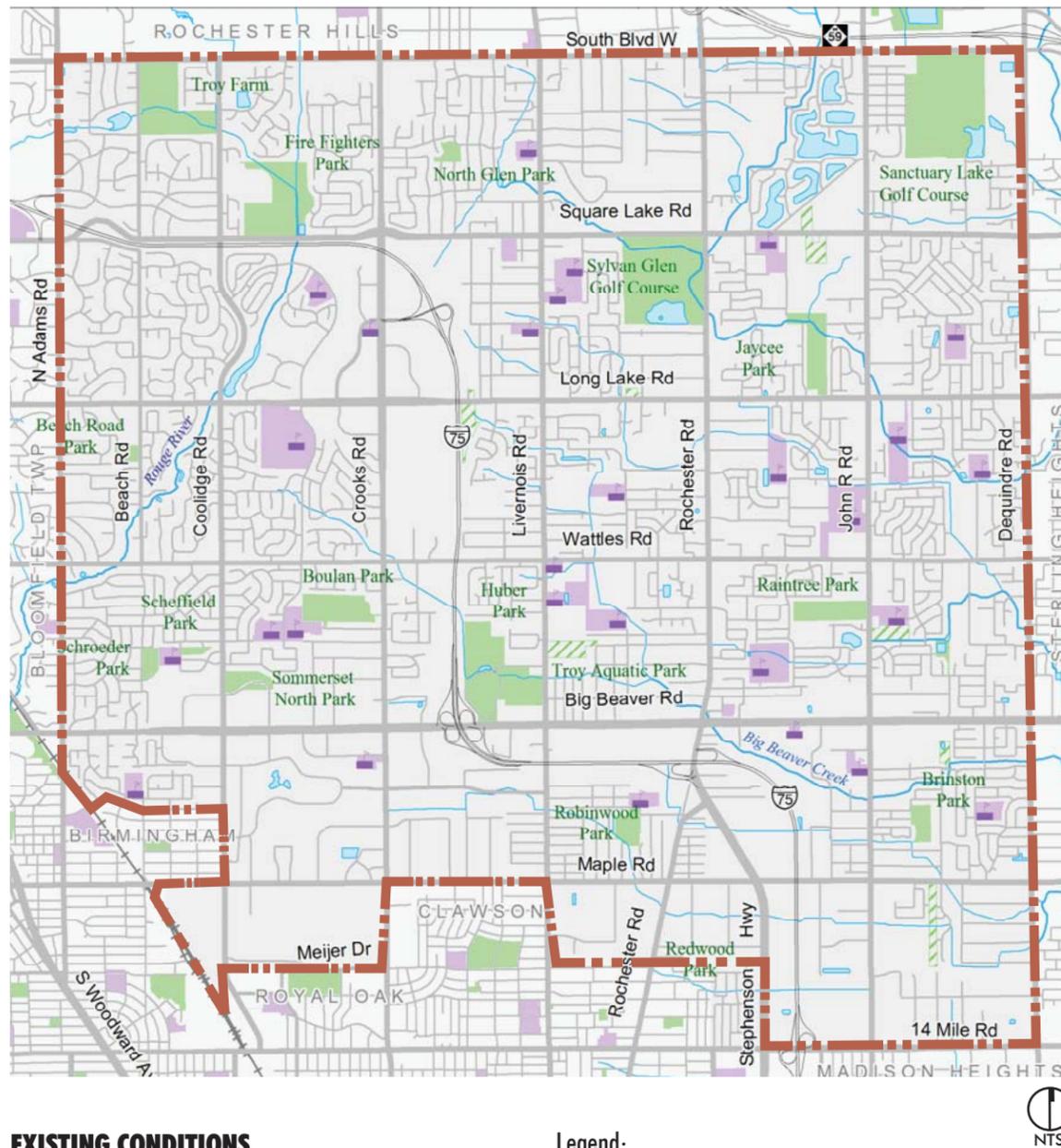
HISTORY OF DEVELOPMENT

Pioneers emigrating from New York established the community of Troy in the early 1800s, where it prospered as a farming township for over 100 years. Commercial and industrial development began shortly after World War II bringing with it intense residential growth. Troy, incorporated as a City in 1955, is now a culturally diverse community of over 81,000 residents.

Recreational amenities include the Stage Nature Center, Family Aquatic Center, Community Center, two public golf courses and fourteen neighborhood/community parks. More than 12,000 students are enrolled in twelve elementary schools, four middle schools and two traditional and one non-traditional high school.

The City is a vibrant business and technology center recognized for its civic spirit and quality of life. Located in the busy northern Detroit suburbs, Troy's approximately 5,700 businesses employ 125,000 people. Troy is a target for new and expanding businesses in Oakland County with seven million square feet in retail space, 18 million square feet of office spaces and 20 million square feet of manufacturing/engineering space.

But the City of Troy currently has a limited number of trails and pathways for walkers, runners, bikers and skaters. Realizing the significant health, economic, recreational, and environmental benefits that come with trail development, Troy City officials are taking an aggressive approach by creating a state-of-the-art non-motorized network. This document is intended to guide planning, development, management, and operations of existing and future bicycle, pedestrian and recreational transportation infrastructure within the City.



EXISTING CONDITIONS

Troy is a traditional built-out suburb bounded on all sides by municipalities: Rochester Hills (N), Sterling Heights (E), Birmingham and Bloomfield Twp. (W) and Clawson, Royal Oak and Madison Heights (S). The proposed pathway system should connect Troy's interior to the surrounding communities and regional trail systems. It is transected by arterial Mile Roads that create a strong grid pattern infilled with neighborhoods.

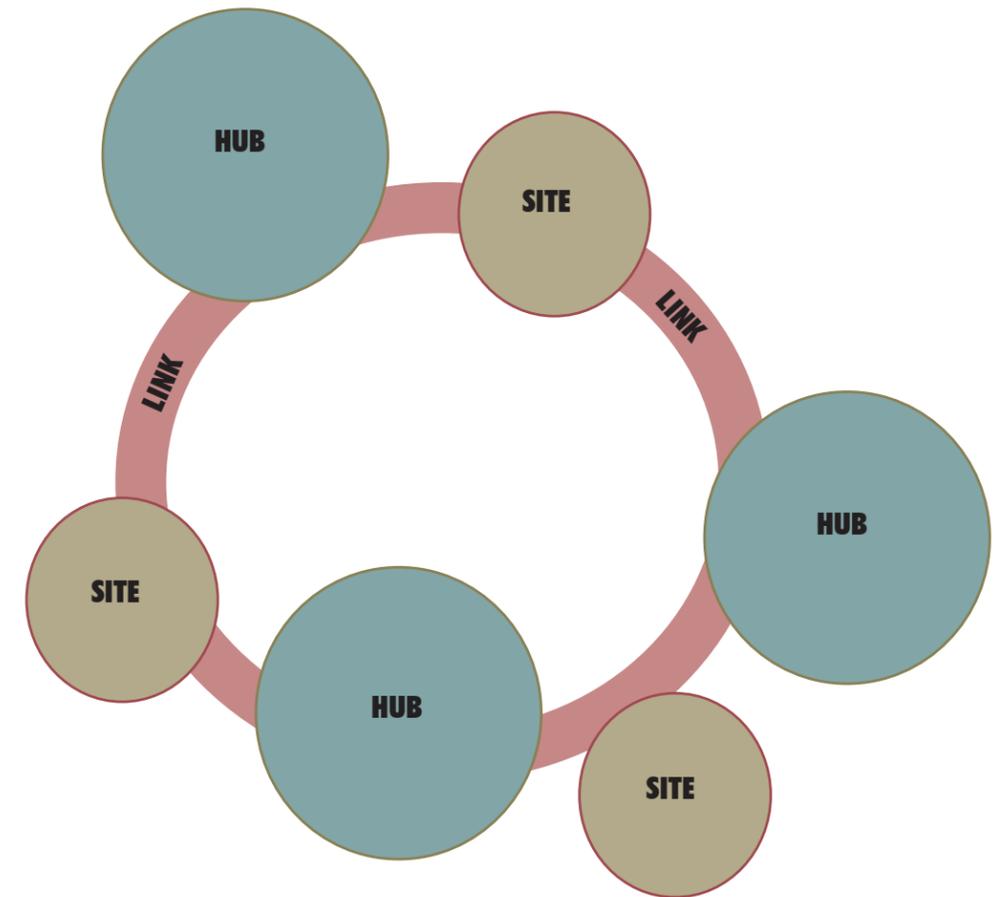
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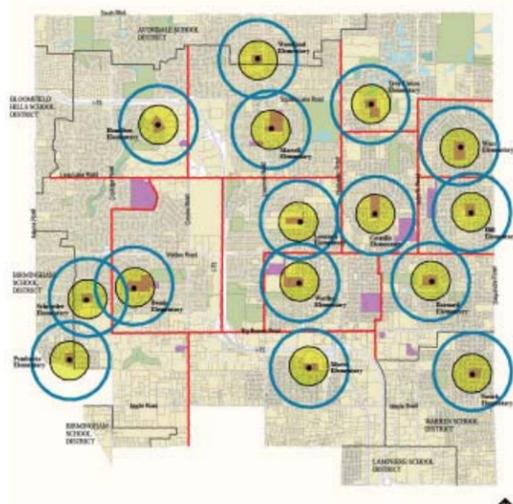
- Schools
- Freeways
- Arterials
- Collectors
- Local Roads
- Railroads
- City of Troy
- Water
- Parks and Recreation
- Proposed City Parks
- Educational Facility



FABRIC VS. LOOP PATHWAY SYSTEMS

The graphic below illustrates the common "loop" strategy for pathway systems. Traditionally, destinations within a pathway system will be spread out with the path acting as a connector between destinations. The Composite Destination Analysis graphic shows that Troy's destinations are relatively evenly distributed throughout the City, requiring a more gridlike or "fabric" pathway system that provides multiple ways to move through the grid to the various destinations.

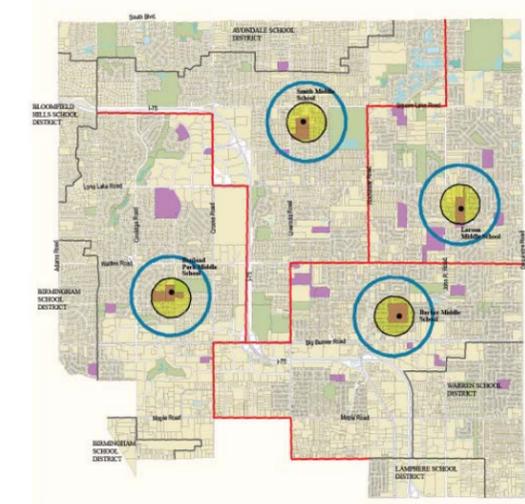




Elementary Schools

Legend:

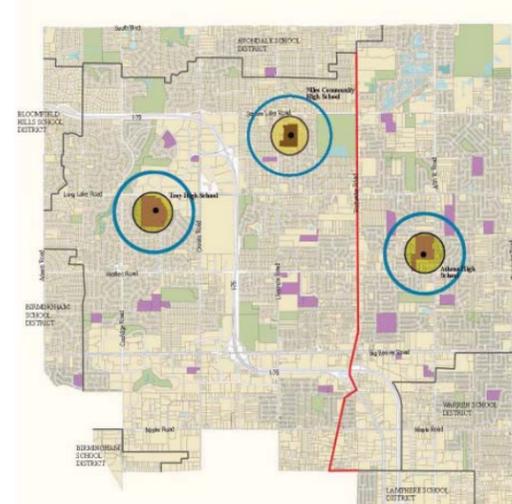
- Biking Draw Area 8 min. - 1/2 mile
- Walking Draw Area 8 min. - 1/4 mile
- School District Limits



Middle Schools

Legend:

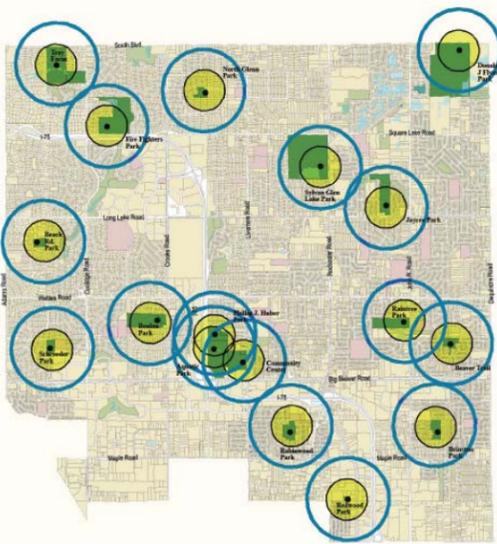
- Biking Draw Area 8 min. - 1/2 mile
- Walking Draw Area 8 min. - 1/4 mile
- School District Limits



High Schools

Legend:

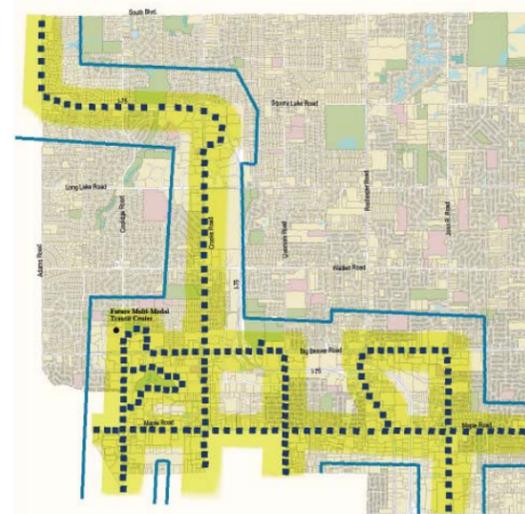
- Biking Draw Area 8 min. - 1/2 mile
- Walking Draw Area 8 min. - 1/4 mile
- School District Limits



City Parks

Legend:

- Biking Draw Area 8 min. - 1/2 mile
- Walking Draw Area 8 min. - 1/4 mile



Transit Routes

Legend:

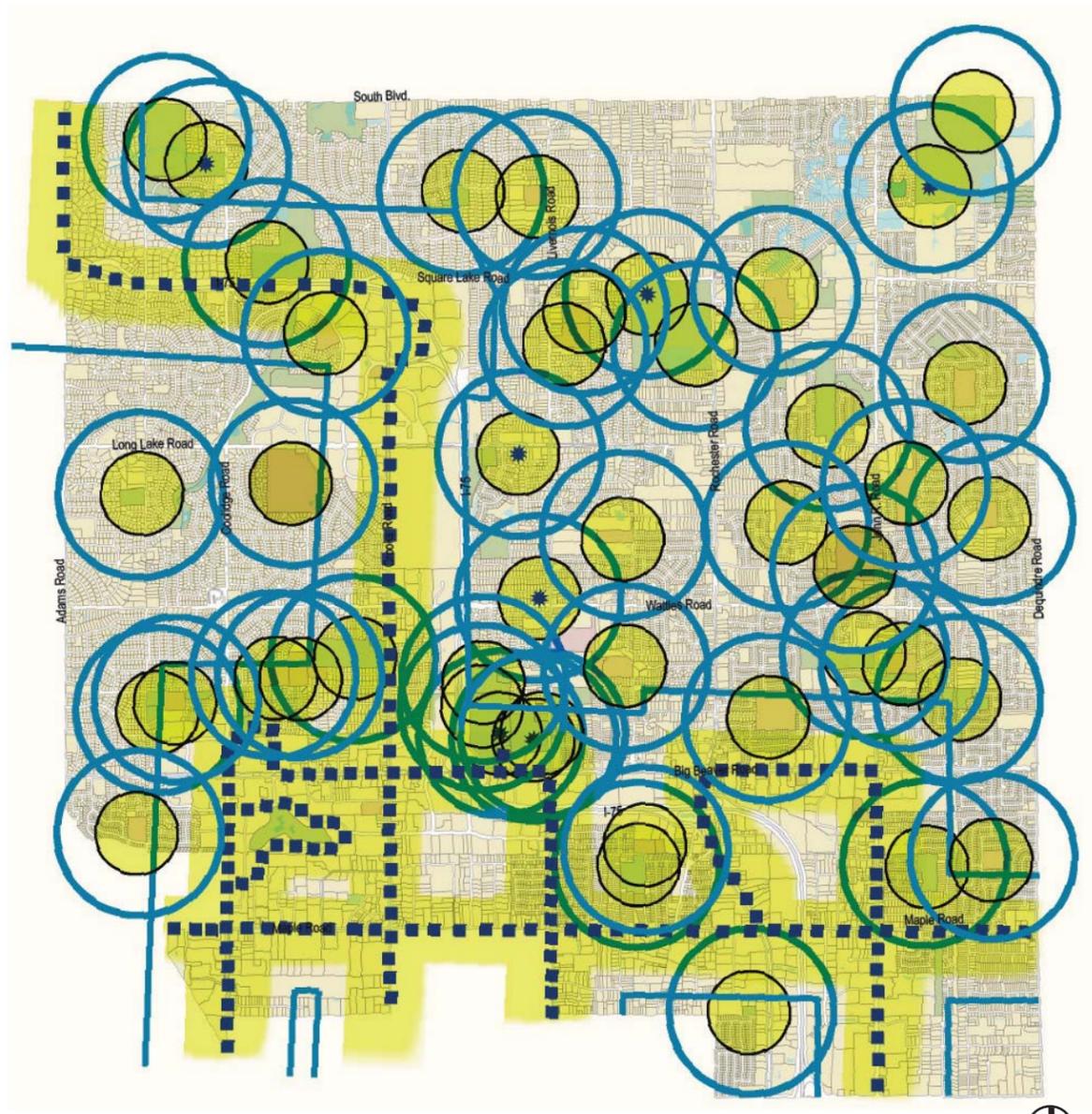
- Biking Draw Area 8 min. - 1/2 mile
- Walking Draw Area 8 min. - 1/4 mile
- SMART Bus Route



Destinations

Legend:

- Biking Draw Area 8 min. - 1/2 mile
- Walking Draw Area 8 min. - 1/4 mile



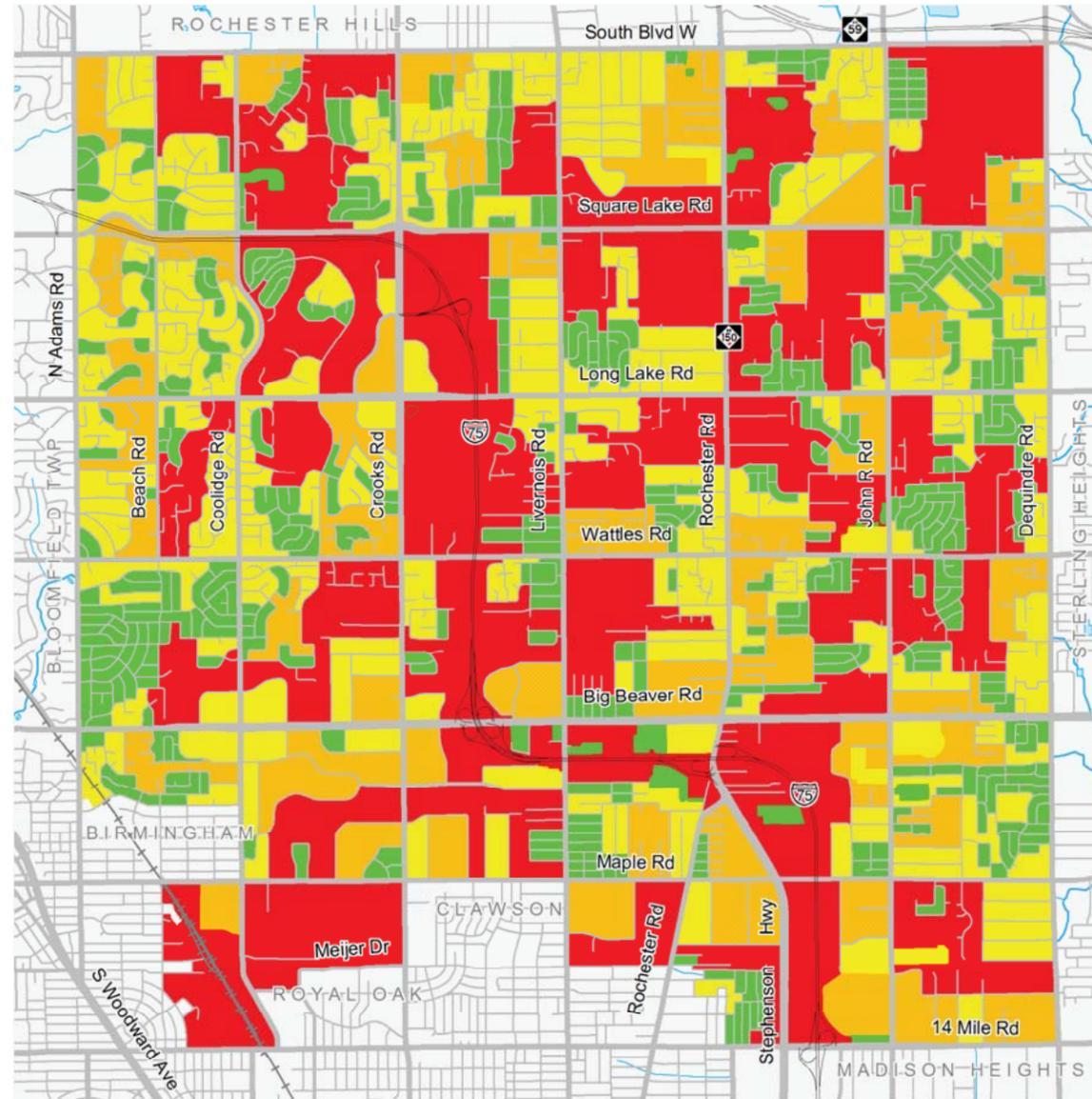
COMPOSITE DESTINATION ANALYSIS

The large plan illustrates that Troy destinations are evenly dispersed throughout the City. Therefore a "fabric" network of paths rather than a "loop" system common in more rural areas will be necessary.

Legend:

- Bike Draw Area 8 min. - 1/2 mile
- Walking Draw Area 8 min. - 1/4 mile
- SMART Bus Route



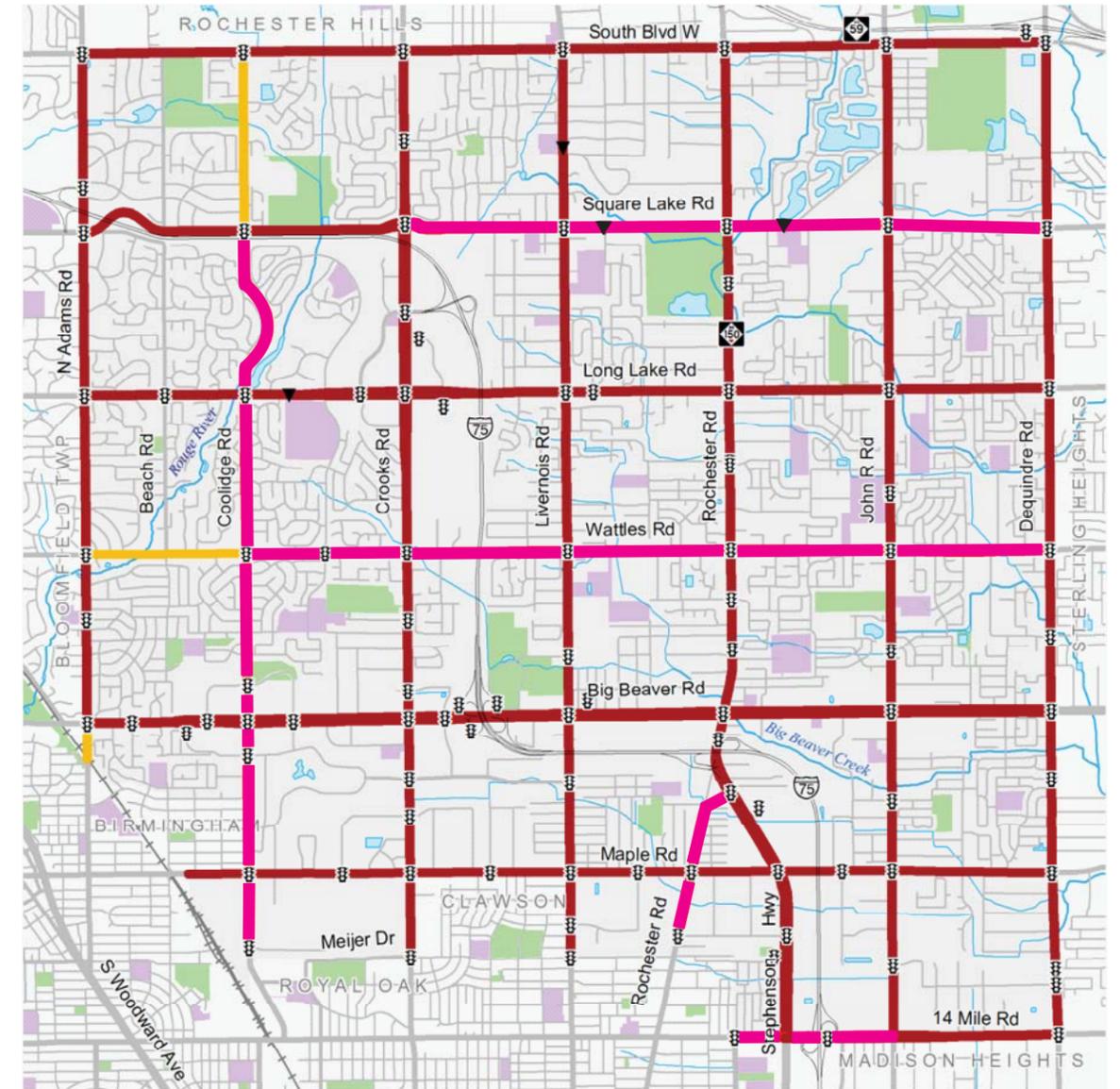


BLOCK SIZE

Block size is an excellent measurement of directness of travel. Blocks under 15 acres permit relatively direct travel between destinations. Greater block sizes create nondirect routes of travel and do not conveniently connect pedestrians to their destination.

Legend:

- Block Size in Acres
- 100 to 513
 - 50 to 100
 - 15 to 50
 - 0 to 15



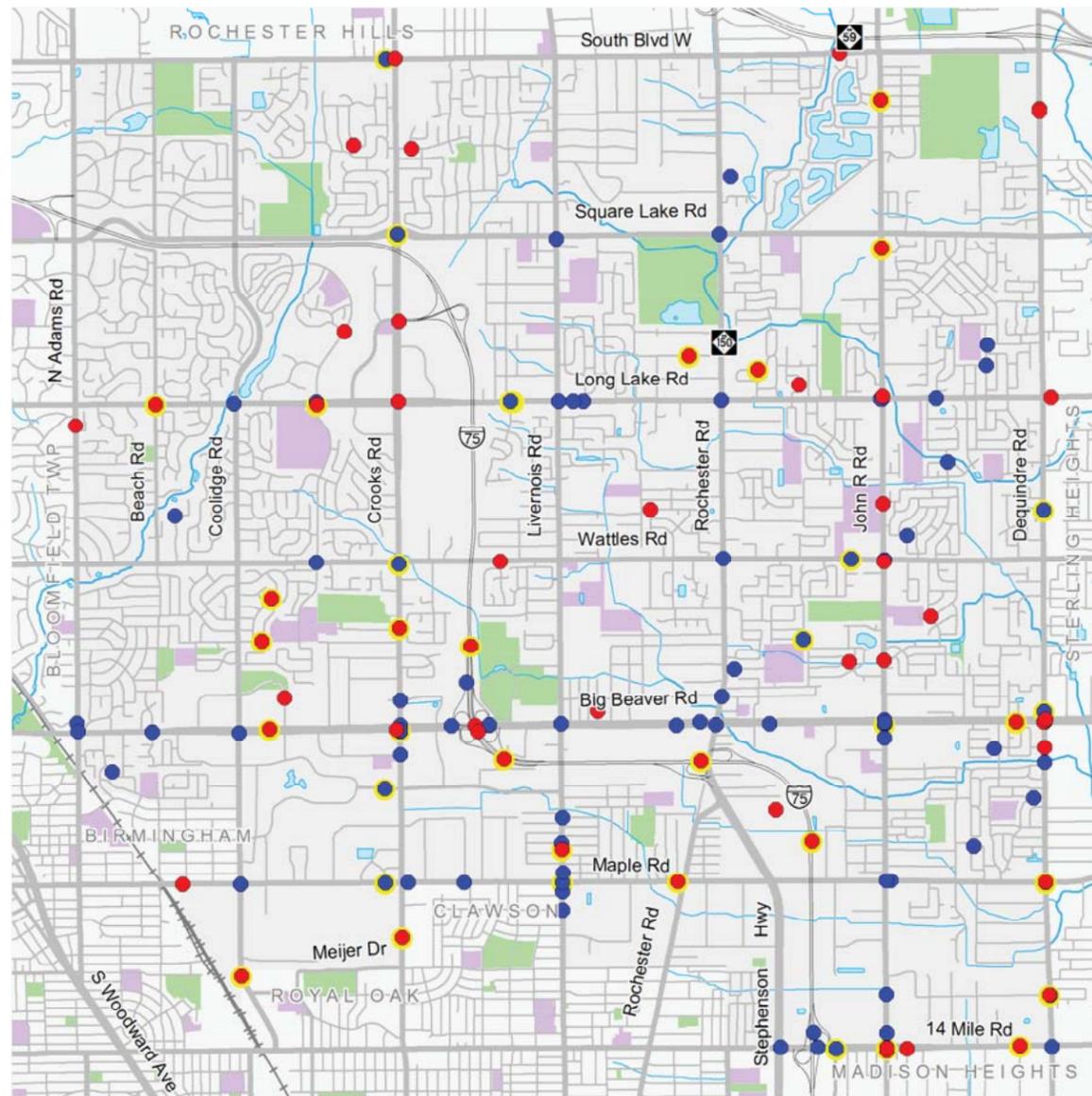
ROAD CROSSING DIFFICULTY

Road crossing difficulty is a measurement of how difficult a person would typically find it to cross a road at an unmarked mid-block crosswalk. It is based on the number of lanes, speed and average daily traffic. Grades of A (easiest to cross) through E (most difficult to cross) generally apply. However, since no roads are easy to cross within the City of Troy, only grades C through E are applicable.

Legend:

- Road Crossing Difficulty (Speed No. Lanes & ADT)
- C - moderately difficult to cross
 - D - very difficult to cross
 - E - extremely difficult to cross
 - Signalized Intersection





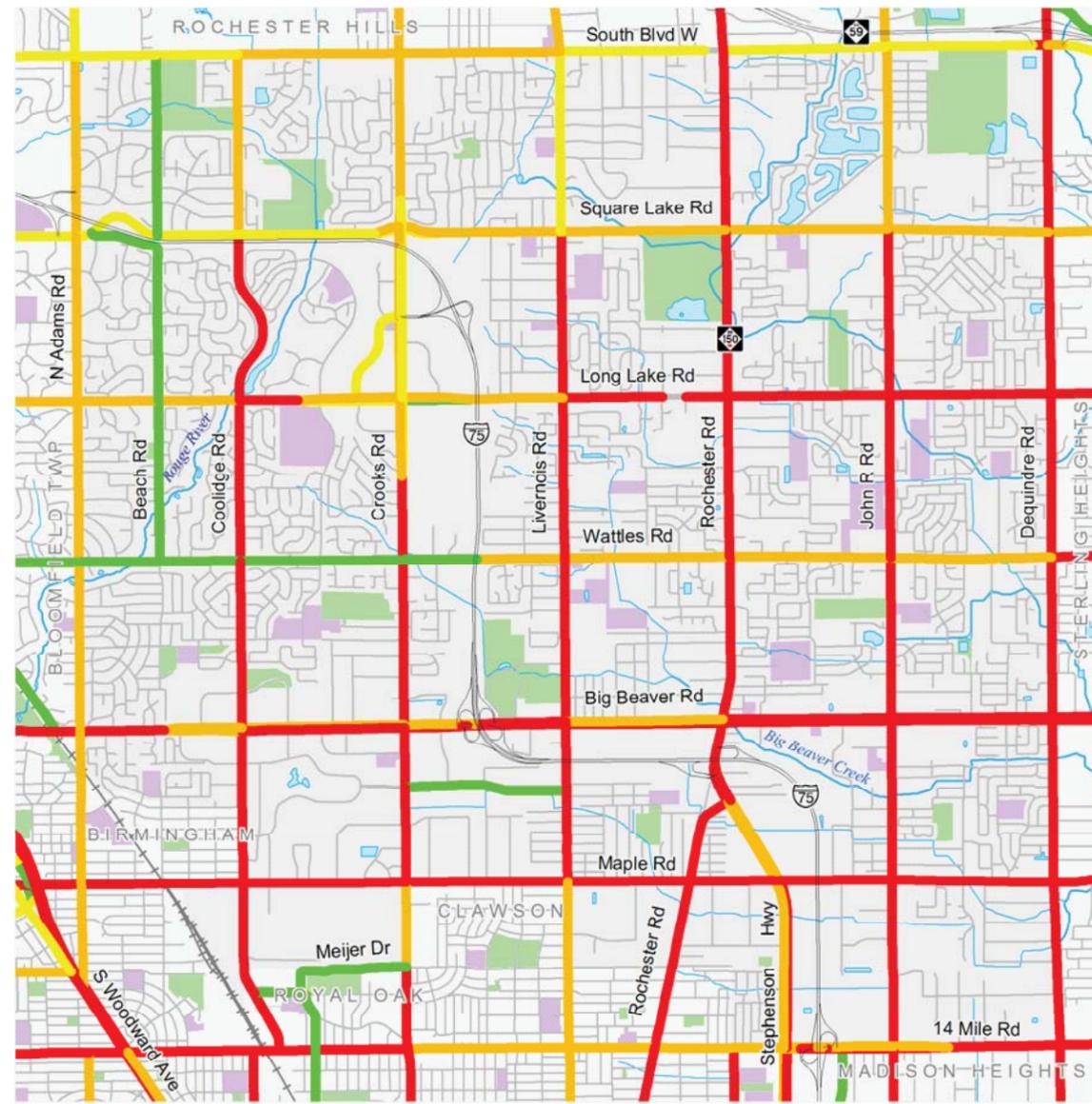
BICYCLE AND PEDESTRIAN CRASH SITES

Crashes involving pedestrians and bicyclists appear to be concentrated along arterial roadways, specifically near high traffic areas. Fatal and severe injury crashes have been highlighted in yellow.

Legend:

Bicycle & Pedestrian Crashes 2002 - 2007

- Pedestrian
- Bicycle
- Fatal or Serious Injury Pedestrian Crash
- Fatal or Serious Injury Bicycle Crash



IN-ROAD BICYCLING CONDITIONS

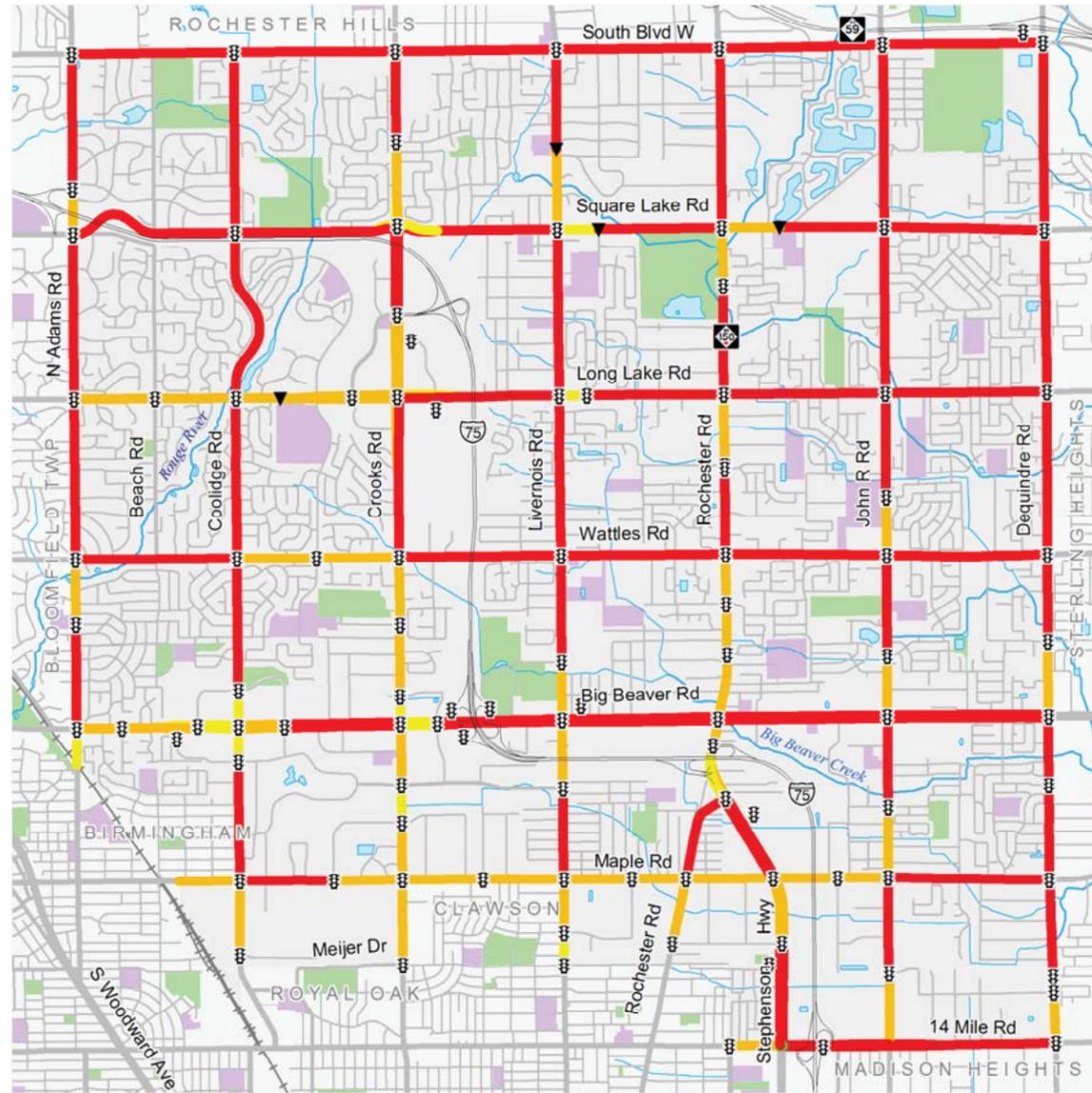
At this time there are no in-road bicycle facilities such as bike lanes or paved shoulders. Such facilities improve the quality of the bicycling experience on busy roads as typically cyclists feel most comfortable along roads with less traffic. However, it should be acknowledged that roads with higher traffic volumes are the most common transportation corridors and that cyclists will most likely continue to use them.

Legend:

In-Road Bicycling Quality
(Average daily Traffic Volumes per Vehicle)

- A 0 to 5,000 - high potential for bike facilities
- B 5,000 to 10,000 - moderate potential
- C 10,000 to 15,000 - less potential
- D 15,000 to 102,000 - not currently ideal for bike facilities



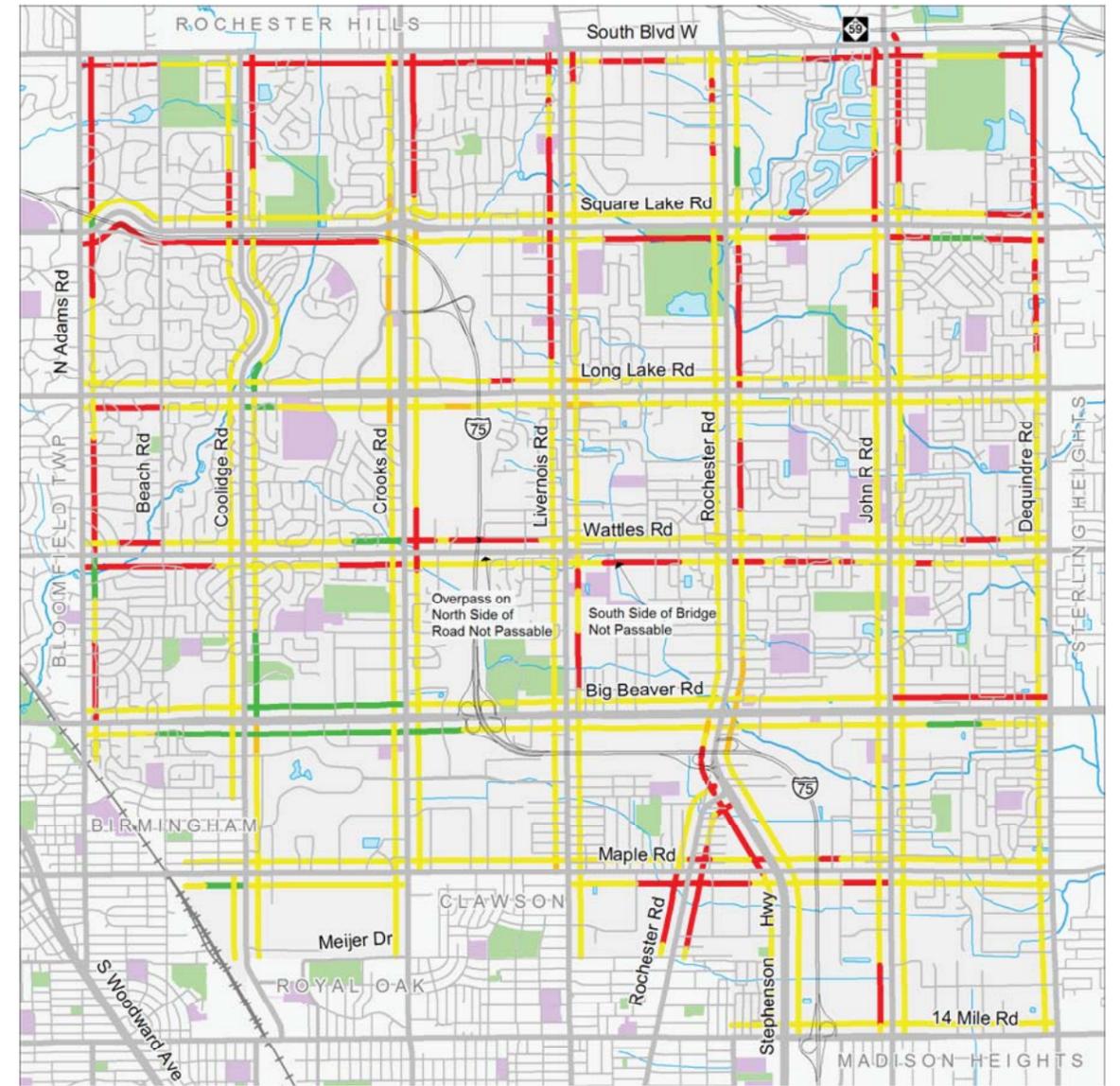


CROSSWALK SPACING

Crosswalk spacing is a key factor in directness of travel. Most pedestrian trips for personal business (like walking to the store) are about half a mile long. Where there is demand to cross the road and crosswalk spacing is over an eighth of a mile apart, mid-block crossings are likely to occur.

Legend:

- Distance Between Crosswalk
- 0 to 1/8 Mile (currently none)
- 1/8 Mile to 1/4 Mile
- 1/4 Mile to 1/2 Mile
- Over 1/2 Mile
- Signalized Intersection



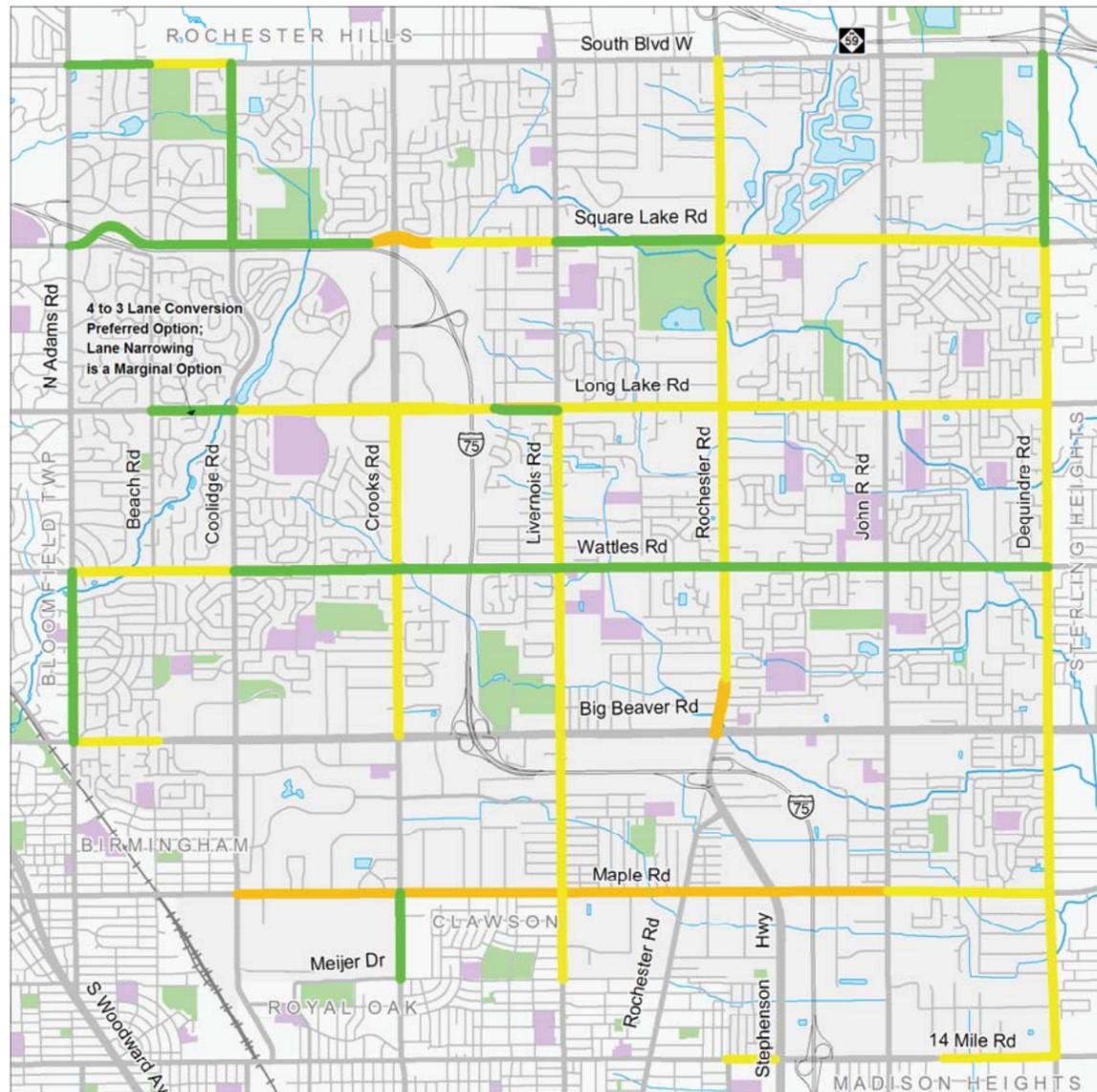
EXISTING SIDEWALK QUALITY

A key factor to pedestrian comfort on a sidewalk is the degree of separation from the roadway. Buffers such as lawn extensions, and vertical elements such as trees and light poles increase pedestrian comfort level.

Legend:

- Sidewalk Rating:
- A Buffered from Roadway with Vertical elements
- B Buffered from Roadway
- C Adjacent to Roadway
- D No Sidewalk but Passable
- E Not Passable





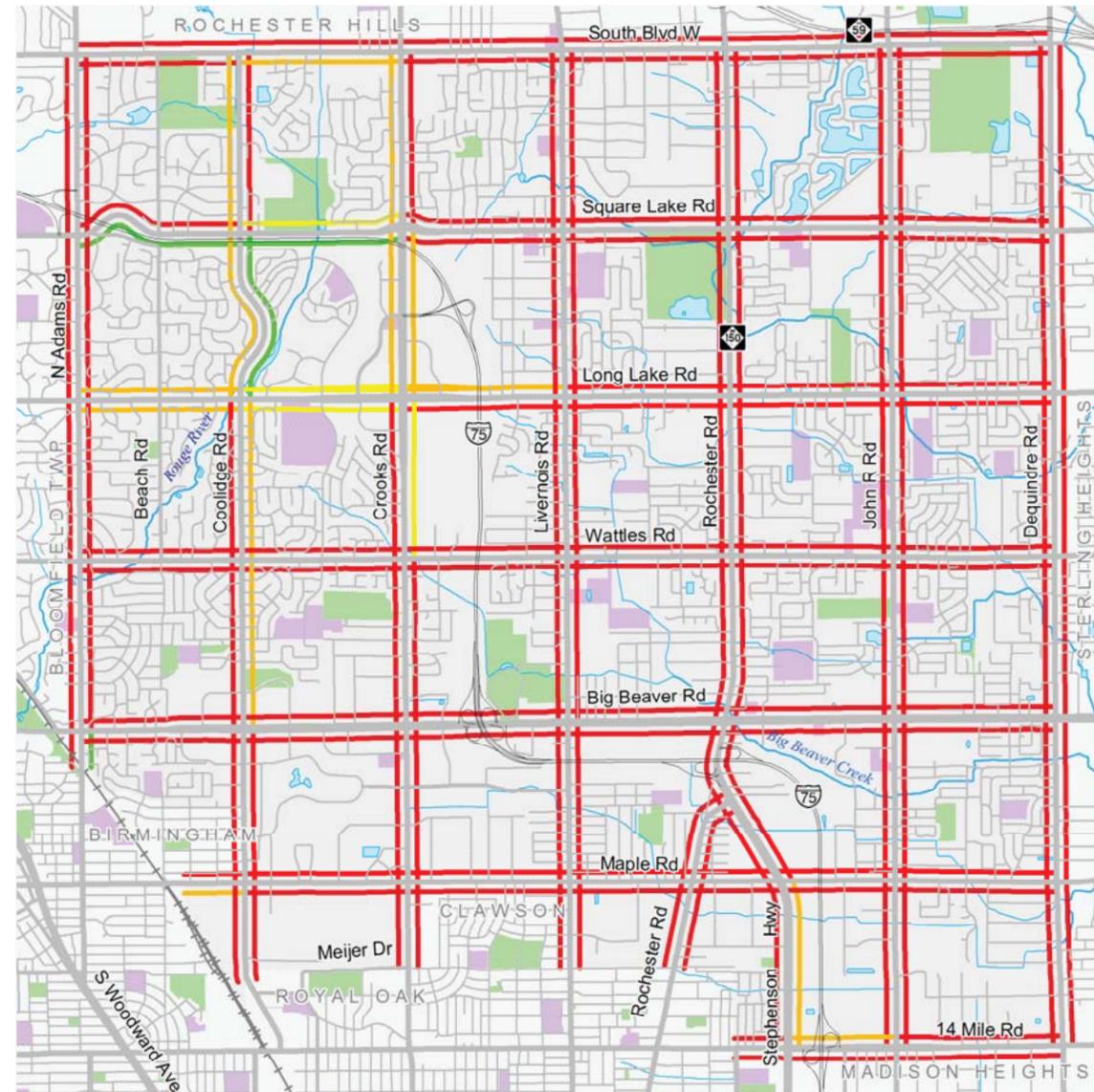
POTENTIAL ROADWAY CONVERSIONS TO BIKE LANES

The ability to convert a road to include a bike lane is influenced by both average daily traffic and the geometry of the existing roadway. High potential conversions are roads with Average Daily Trips (ADT's) below 15,000 VPD and where an eleven foot (min.) motorized travel lanes can be maintained with the addition of a bike lane. Moderate potential conversions allow for motorized lanes to be reduced to between ten feet and eleven feet. Marginal potential conversions result in travel lanes less than ten feet wide.

Legend:

Potential Road Conversions to Add Bike Lanes

- █ High Potential
- █ Moderate Potential
- █ Marginal Potential



POTENTIAL SIDEPATH SUITABILITY

The AASHTO Guide for the Development of Bicycle Facilities generally considers sidewalks undesirable as shared-use paths due to conflicts between bicycles and motorists where a pathway intersects with driveways and roads. Sidepaths refer to routes uninterrupted for long distances by driveways and roads and that provide safe and convenient road crossing opportunities to destinations. This map outlines the potential for sidepaths.

Legend:

Driveway Crossing per Mile

- █ 0 to 2
- █ 2 to 4
- █ 4 to 8
- █ 8 to 49



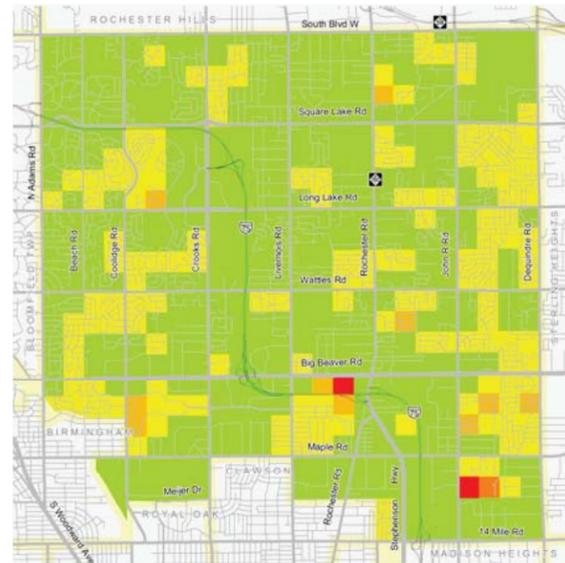
RELATIVE DEMAND ANALYSIS COMPONENTS

A relative demand analysis determines the relative amount of pedestrian traffic in an area.

Movement is generally greater in areas with high population densities, near important commercial and educational areas and along major transit routes. Therefore, these components were considered when considering the first layer of analysis.

Factors such as sidewalk quality, distance between crosswalks, road crossing difficulties and block size, which were outlined in existing conditions further dictate pedestrian movement.

Several components were considered as a part of this analysis. These include: population density, educational facility locations, land use diversity, and nearness to major transit routes.



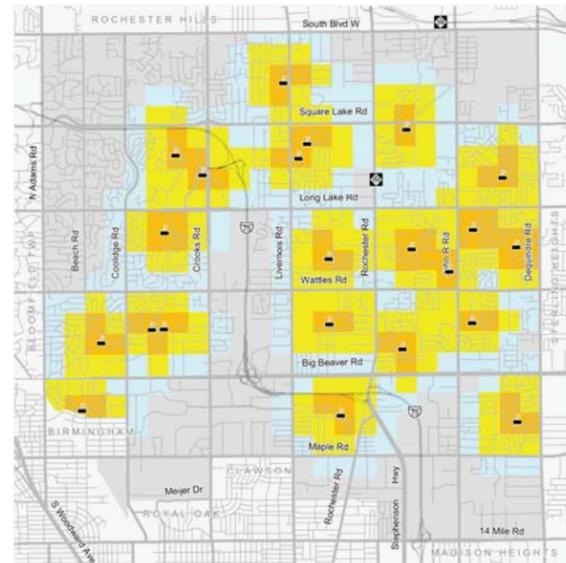
Population Density



Legend:

Population Density (Persons per Acre)

- 15 to 21.8
- 10 to 15
- 5 to 10
- 0 to 5



Educational Facilities

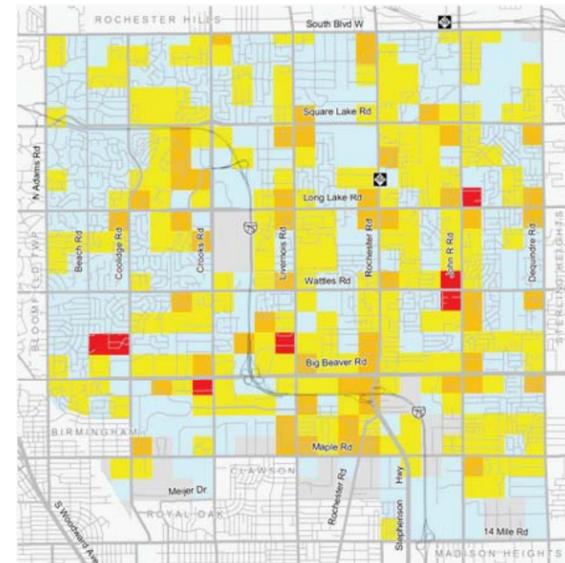


Legend:

Public School

Potential Pedestrian Traffic

- High
- Moderate
- Low
- Very Low



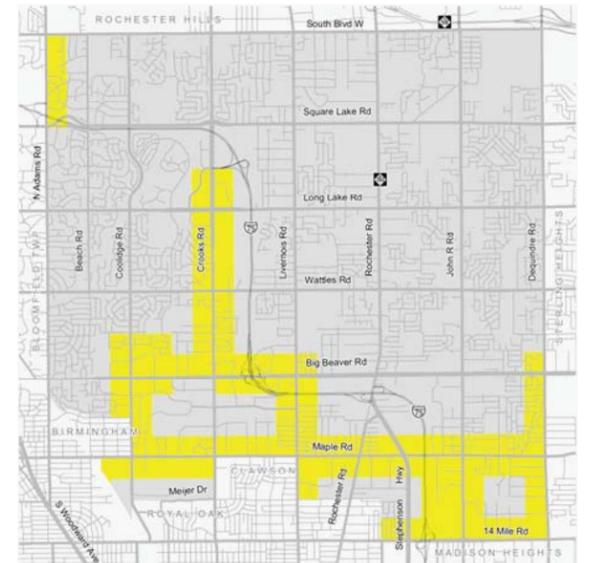
Land Use Diversity



Legend:

Land Use Diversity (Unique Types of Land Uses per Square)

- 4 types
- 3 types
- 2 types
- 1 type
- 0 types

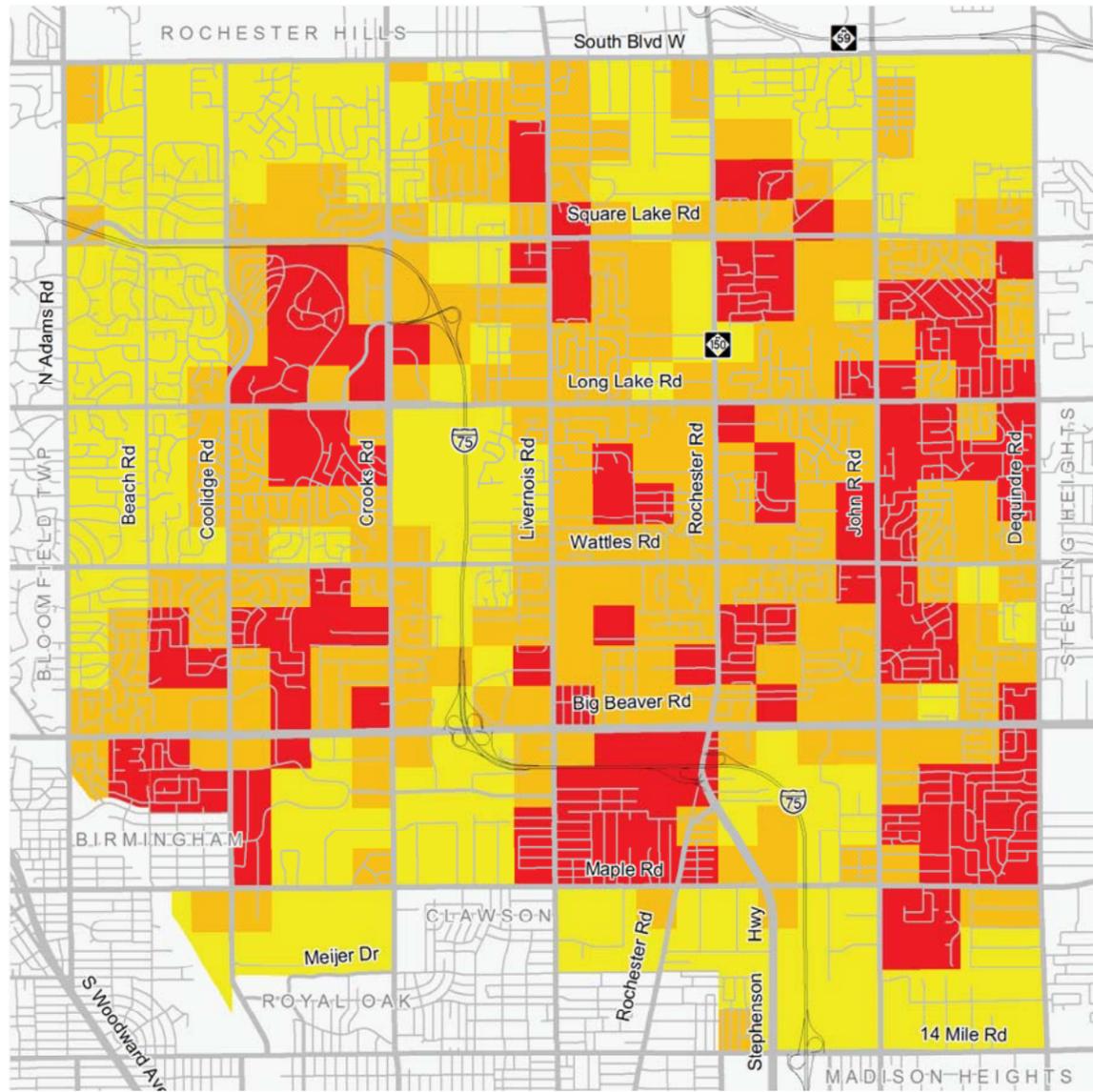


Transit Routes



Legend:

Public Bus Routes

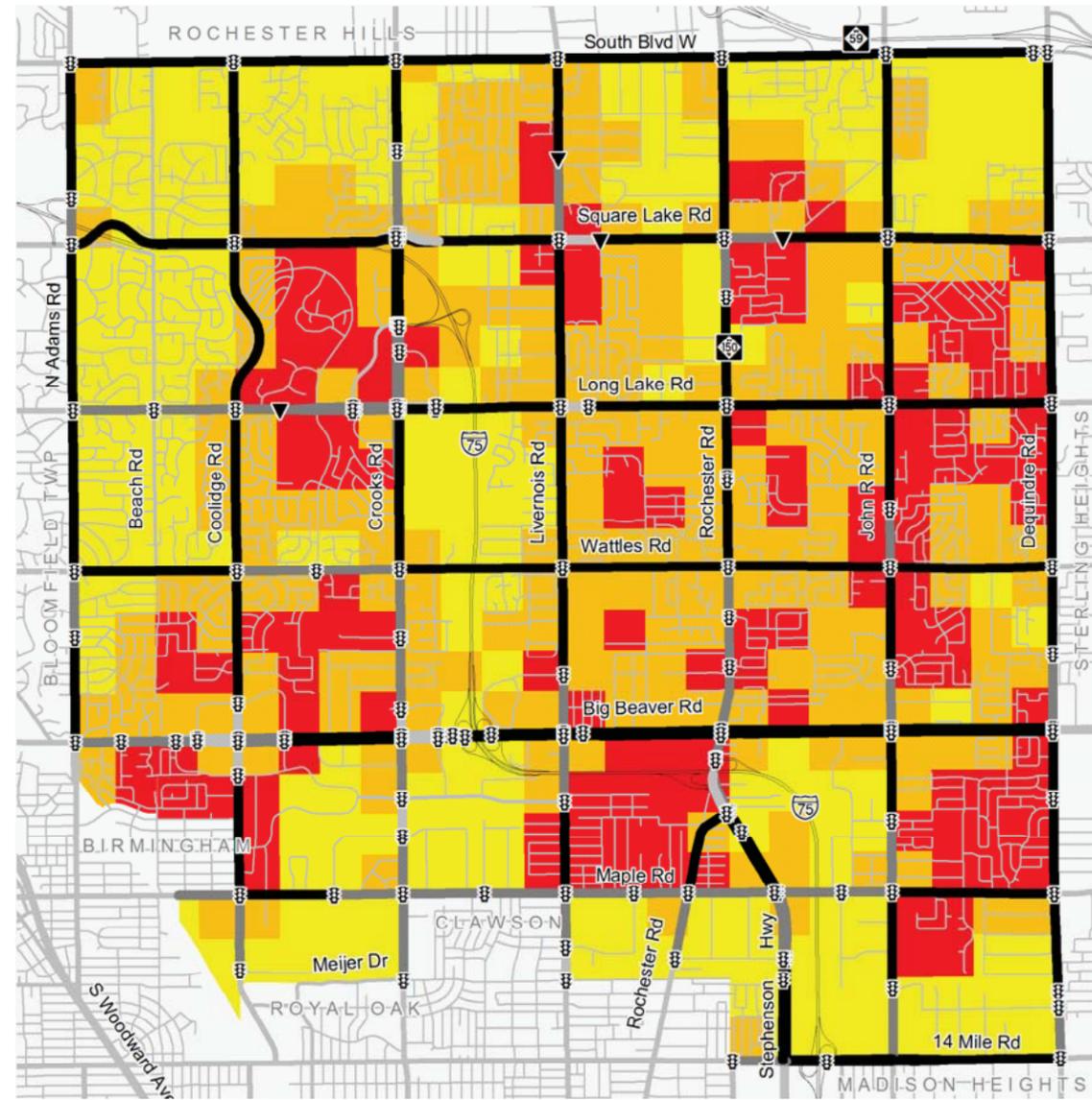


COMPOSITE RELATIVE DEMAND ANALYSIS

According to the demand analysis, higher pedestrian traffic areas seem to be located near and or around existing educational facilities, although moderate to heavy demand is evident throughout 70% of the City.

Legend:

- Relative Demand
- Lowest Demand
 - Moderate Demand
 - Highest Demand



CROSSWALK SPACING

A greater number of crosswalks are required in areas where there is a higher movement of pedestrian traffic. This map overlays the distance between crossings on Mile Roads and the demand analysis to determine where crosswalk improvements are needed.

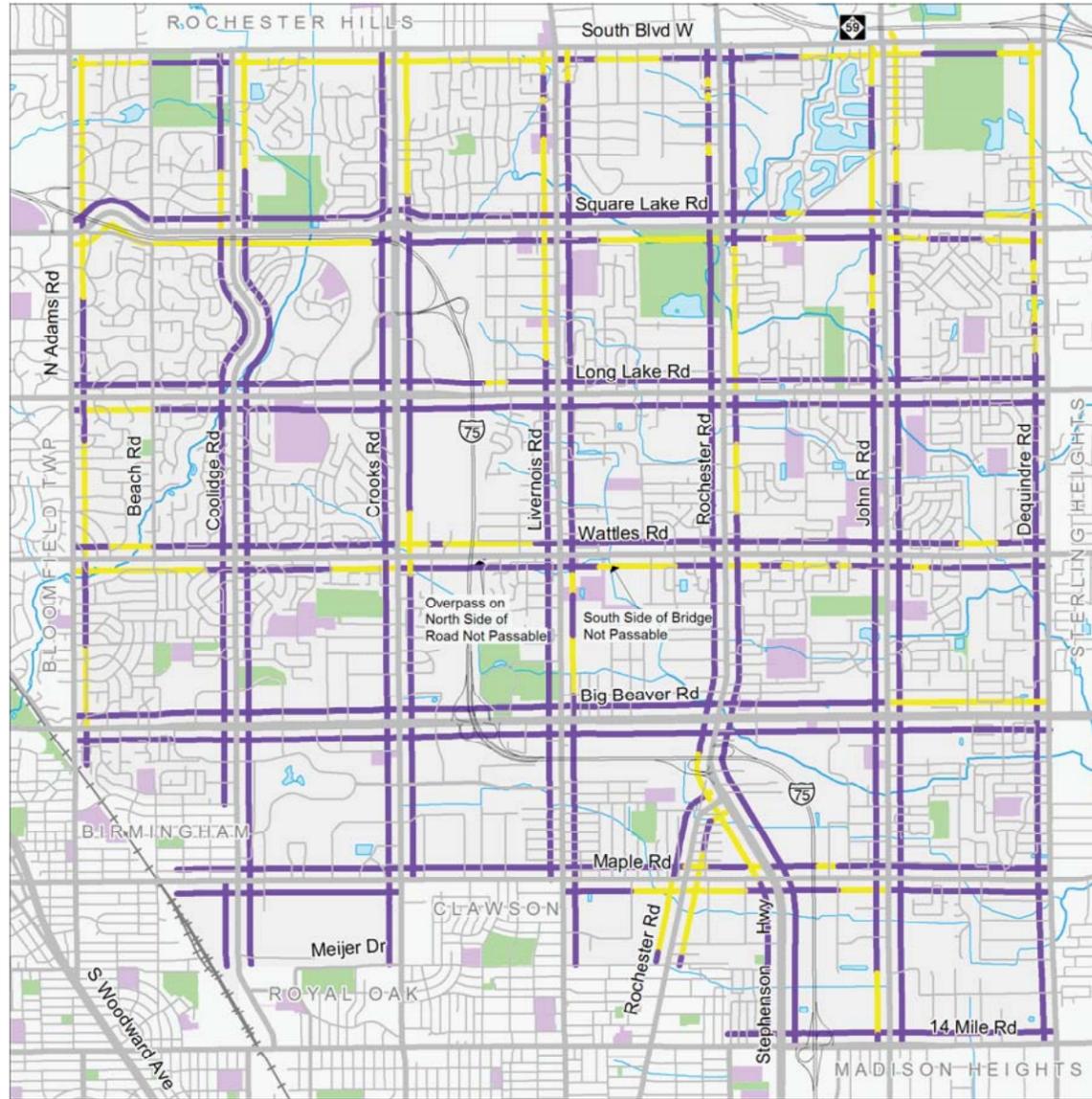
Legend:

- | | |
|--------------------------|---|
| Signalized Intersection | |
| Mid-Block Crosswalk | |
| Crosswalk Spacing | |
| 1/8 Mile to 1/4 Mile | Relative Demand |
| 1/4 Mile to 1/2 Mile | |
| Over 1/2 Mile | |
| | Lowest Demand |
| | Moderate Demand |
| | Highest Demand |



PROGRAMMING

The proposed pathway plan was developed with input gleaned from pre-design and analysis efforts including extensive input from the City and the TTC. Each of the following plans represents one facet of the entire plan detailing bike route, sidewalk, roadway and crossing improvements.

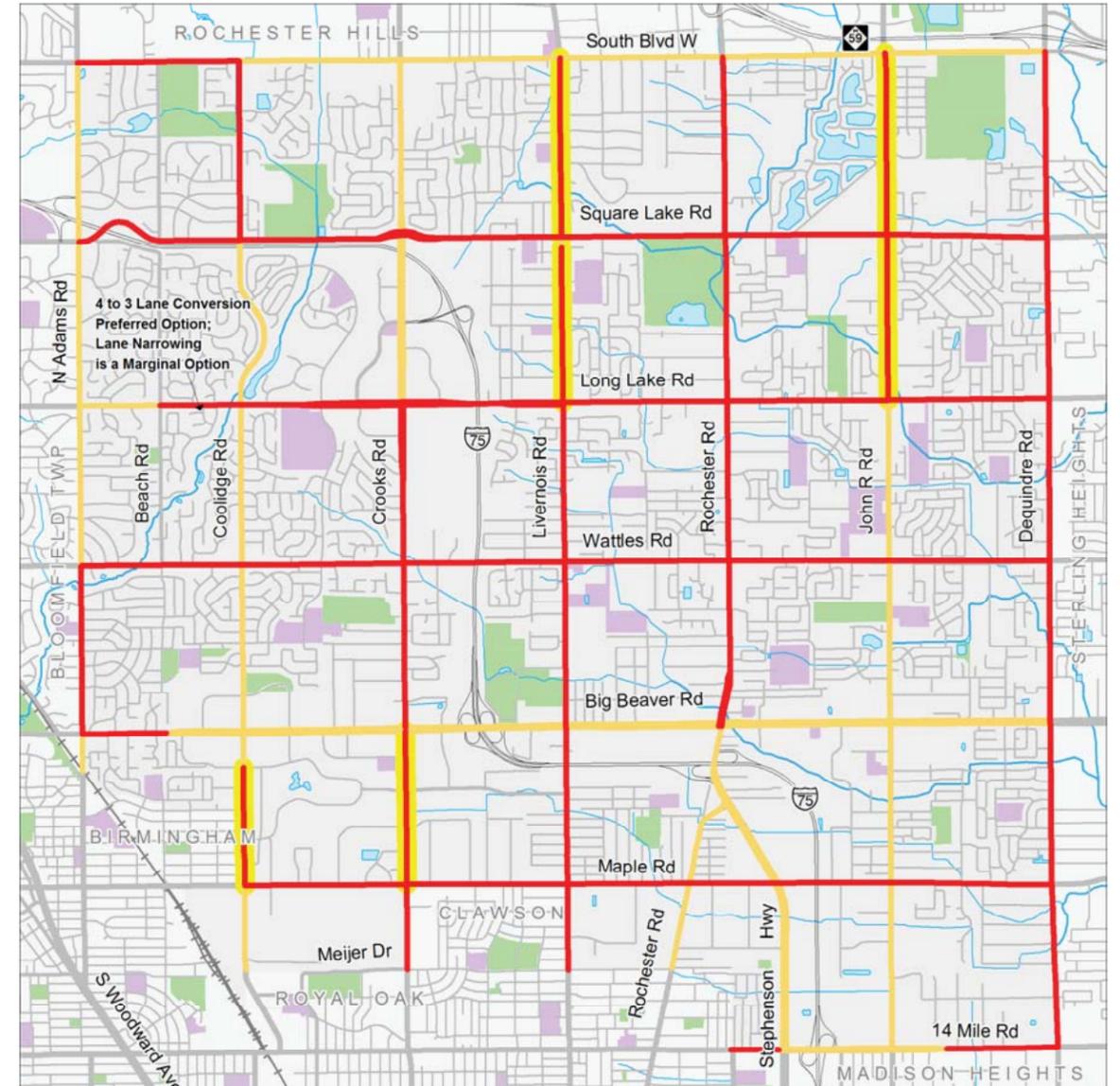


SIDEWALK IMPROVEMENTS

Sidewalks should be built on both sides of all primary roads. Sidewalks should be a minimum of six feet wide along collector roads and eight feet wide along primary roads. Where large volumes of bike traffic are anticipated, the sidewalks should be widened to ten feet to accommodate bicyclists not comfortable riding in the roadway. The sidewalks though should not be signed or designated as bicycle facilities. Wherever possible a planned buffer should be provided between the sidewalk and the roadway.

Legend:

- Existing Sidewalk
- Proposed Sidewalk



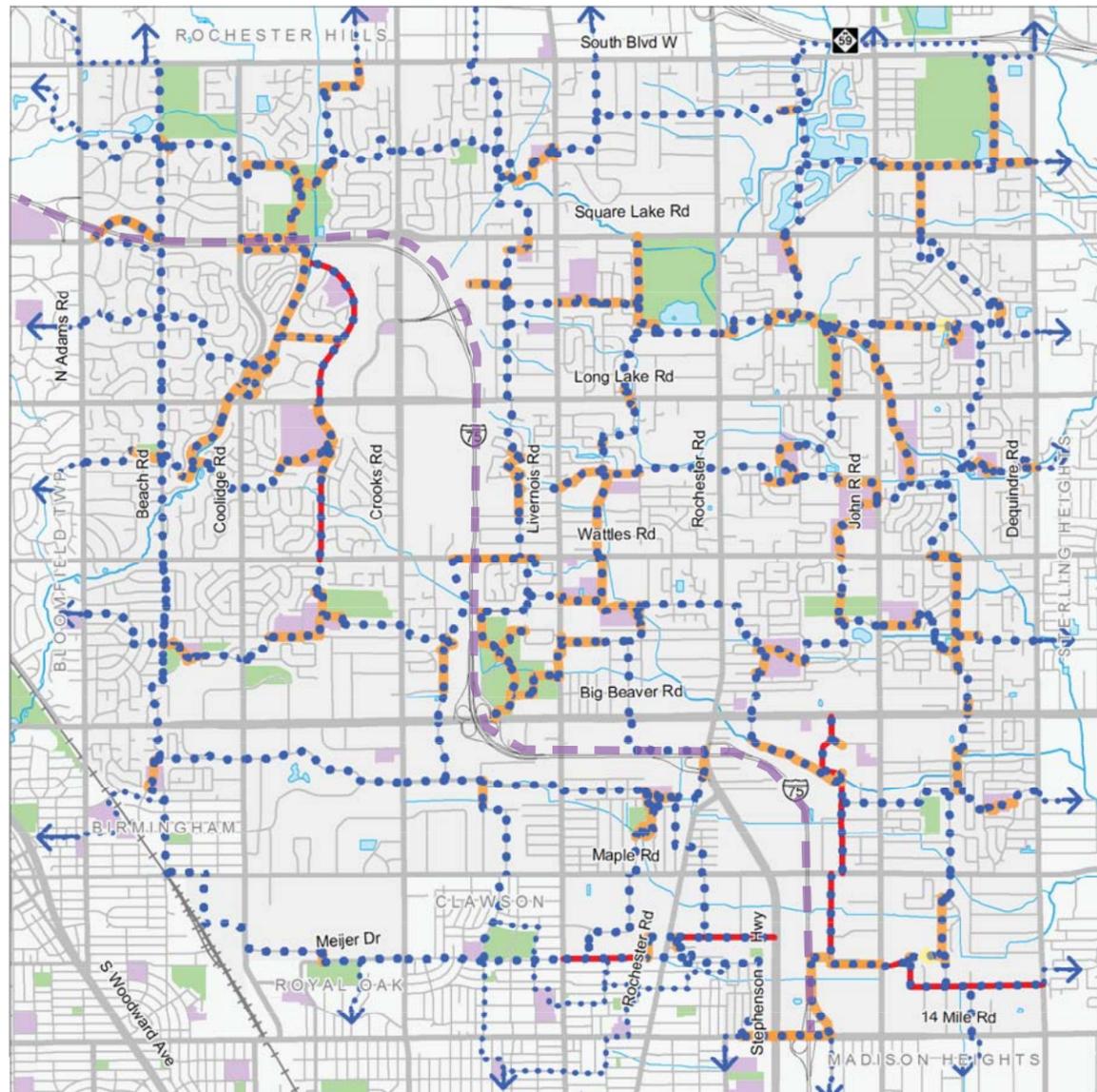
MAJOR ROAD FACILITIES (BIKE LANES)

Eventually bike lanes should be constructed along all primary roads. Based on several factors that were previously outlined, it was determined that 60% of primary roads have the potential to be converted in the near future. Since road resurfacing projects allow for simpler conversions, roadways currently slated for reconstruction should be considered the earliest bike lanes added to the transportation system.

Legend:

- Near Term Bike Lanes
- Long Term Bike Lanes
- Road Reconstruction Project





NTS

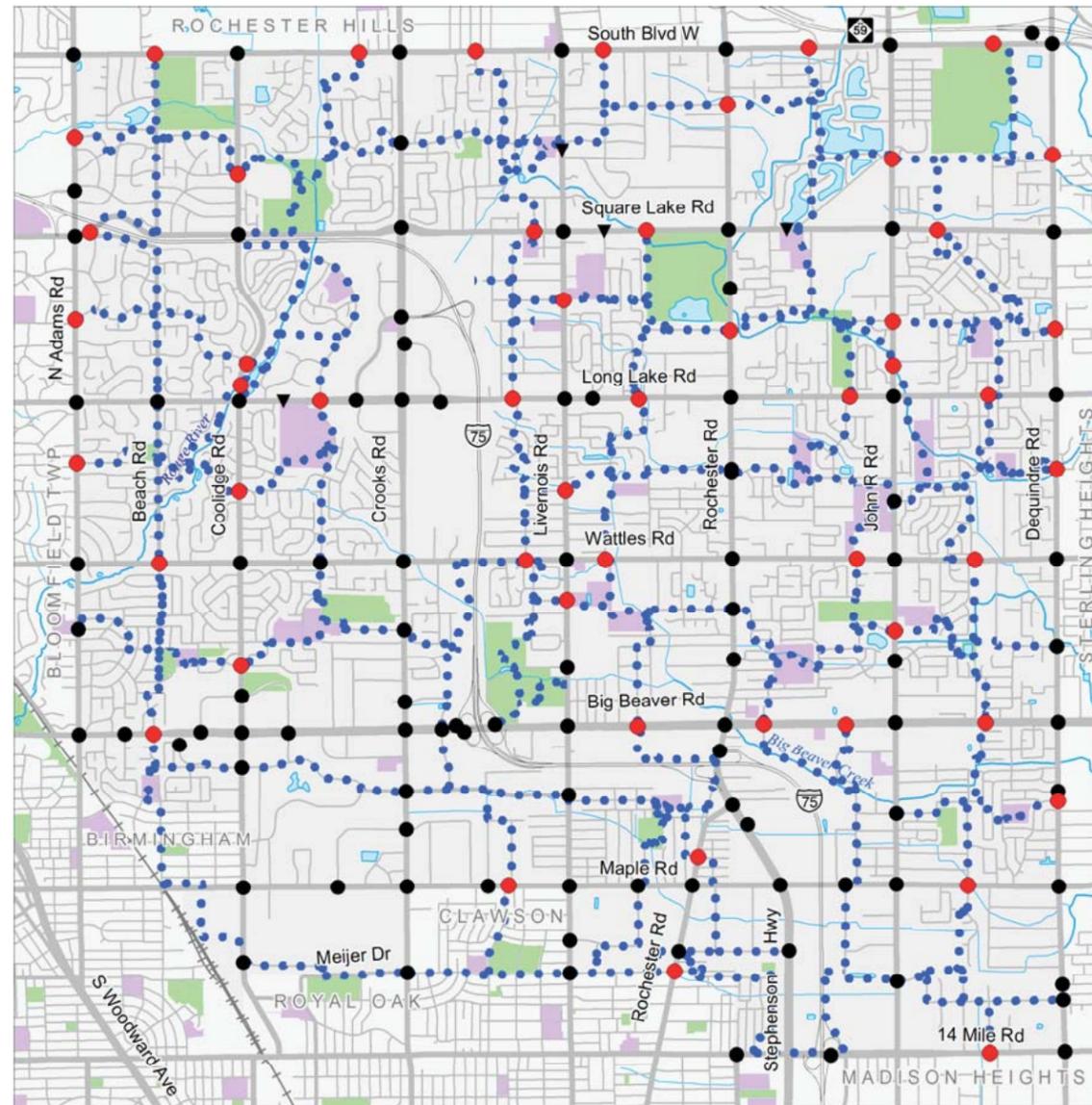
MINOR ROAD AND OFF ROAD BIKE FACILITIES

The bike route system helps bicyclists and pedestrians navigate through the local neighborhoods to the schools and parks without having to travel busy arterial roads. The bike route system is a combination of shared-use paths, bike lanes and local roads.

Long term planning for I-75 improvements should include shared use path development.

Legend:

- Bike Route
- Shared Use Path
- Bike Lanes
- - - Conceptual Trail Alignment



NTS

ROAD CROSSING IMPROVEMENTS

Road crossing improvements are recommended where the bike routes intersect primary roads wherever existing crosswalks do not exist. The crossing improvements may be unsignalized mid-block crossings that include elements such as Crossing Islands and Rectangular Rapid Flash Beacons. Where unsignalized crossings are not appropriate, Hybrid Pedestrian Signals should be considered.

Legend:

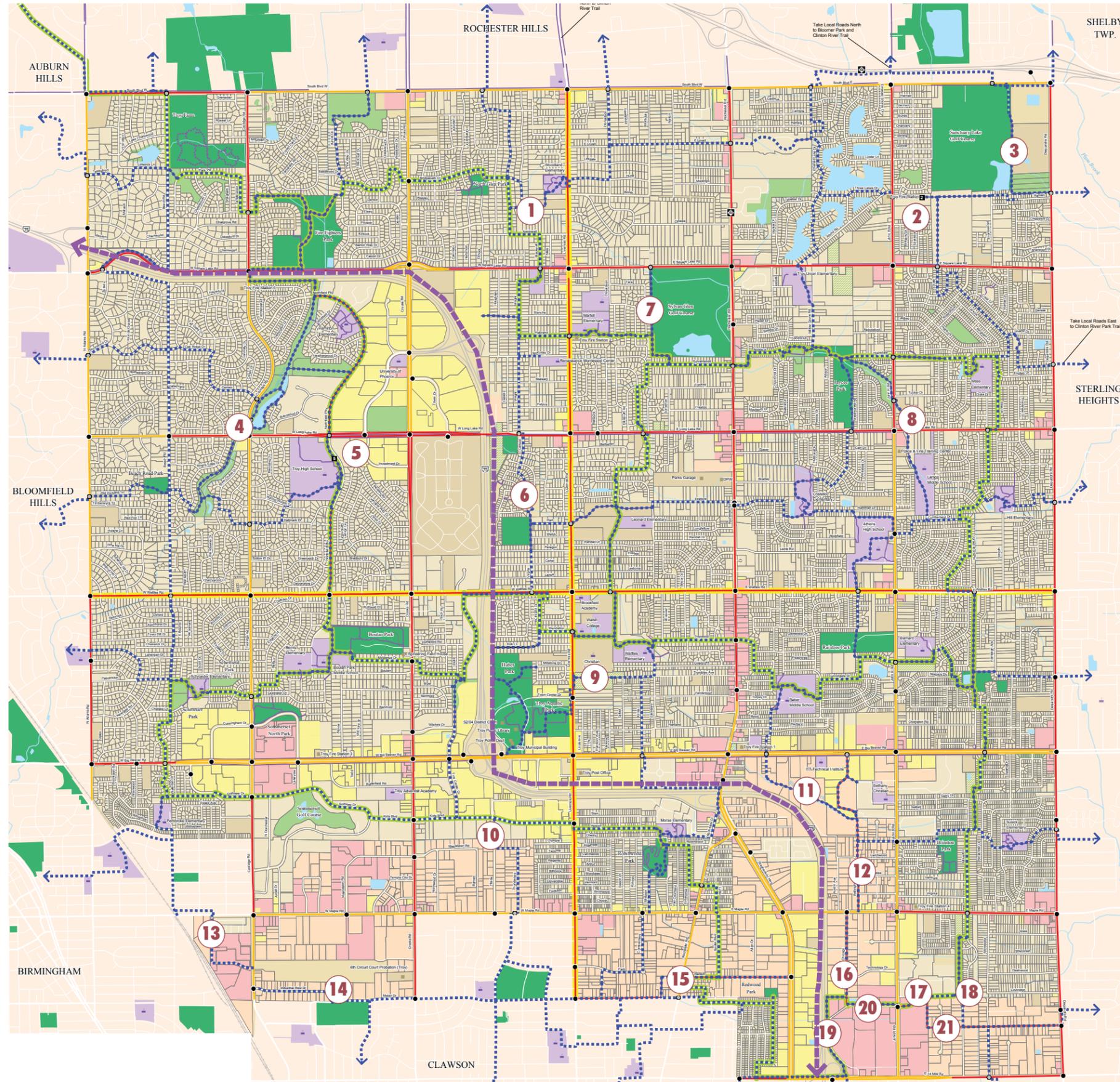
- Road Crossings**
- Signalized Road Crossings
- ▼ Unsignalized Midblock Crossing
- Road Crossing Improvements
- Bike Route

CITY OF TROY PATHWAY PLAN

The Plan at right represents the cumulative design based on preliminary plans and the desires of the City of Troy and the TTC. The plan illustrates routes, destinations, crossings and future improvements.

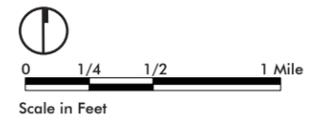
Below is a list of desired and potential projects, in no particular order of significance, to implement the Troy Pathway Trail Plan keyed numerically on the plan.

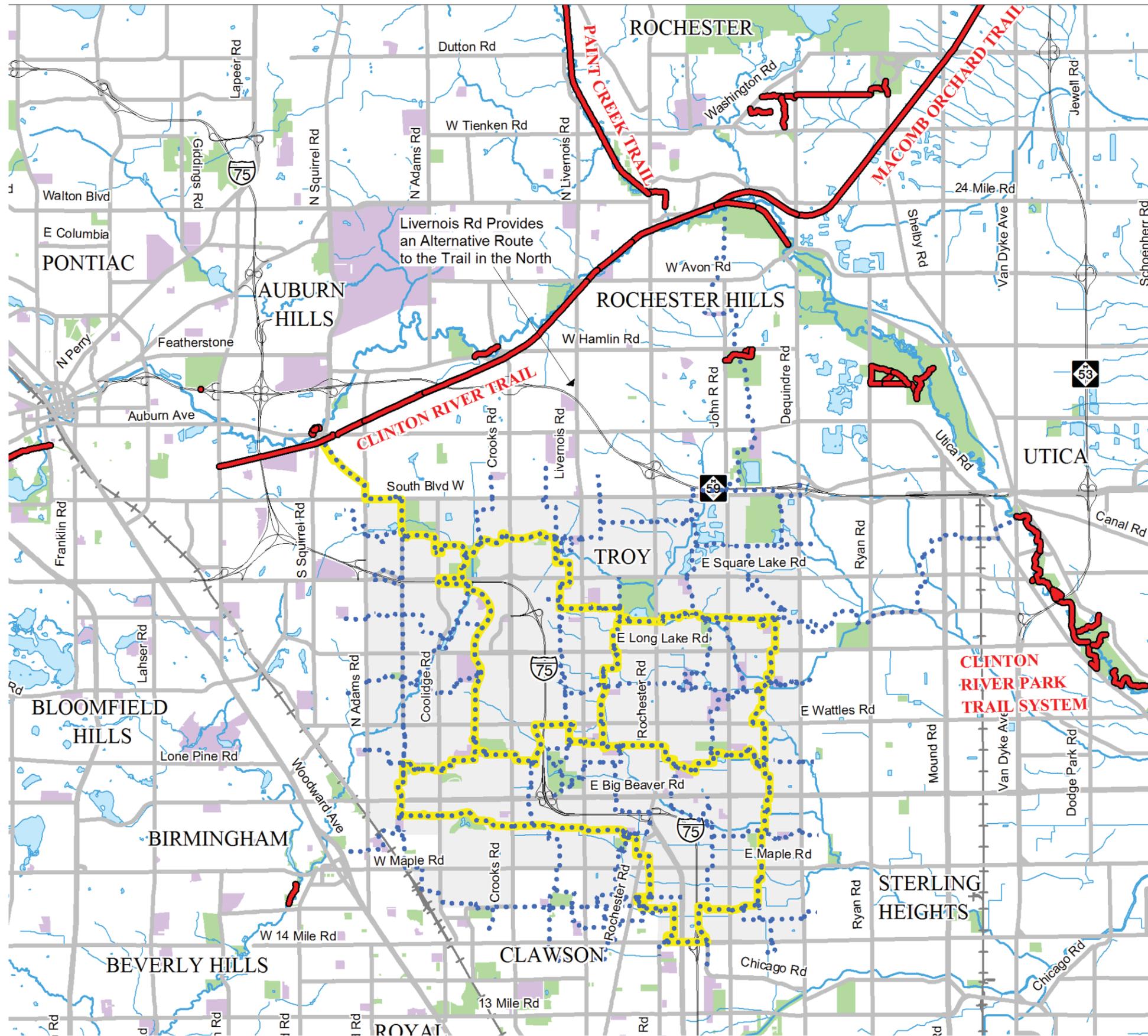
1. Desire to create pathway between Fredmor Drive and Woodland Elementary School through private property.
2. Boardwalk through wetland area.
3. Desire to create pathway segment along hospital.
4. Desire to create off-road trail segment through church property and neighborhood greenspace.
5. Add sidepath along west side of Northfield Parkway through the High School property.
6. Desire to use existing private pathway.
7. Desire to create pathway along the boundary of Sylvan Glen Golf Course.
8. Desire to create off-road trail segment through neighborhood greenspace and church property.
9. Potential to add pathway through proposed City Park.
10. Desire to create pathway between Kirts Boulevard and Heide Road through private property.
11. Desire to create pathway along creek through private property.
12. Potential to add bike lanes.
13. Coordinate route with future transit center.
14. Desire to create pathway through empty lot.
15. Desire to create pathway between Rankin Road and Elmsford Drive through private property.
16. Potential for four to three lanes conversion on Chicago Road to include bike lanes.
17. Desire to create pathway through private property between Elliot and Lovington Roads.
18. Desire to create pathway to Executive Drive through private property.
19. Desire to add sidepath on west side of Oakland Mall Service Drive.
20. Potential for sidepath along north side of Chicago Road.
21. Potential for three to two lane conversion to include bike lanes.



Legend:

- Existing Non-Motorized Facilities**
 - Shared Use Paths
 - Regional Trails
 - ... Nature Trails
- Potential Non-Motorized Facilities**
 - ... Bike Route
 - Near Term Bike Lane
 - Long Term Bike Lane
 - Priority Bike Route / Bike Boulevard
 - Priority Complete Street / Green Street
 - Conceptual Trail Alignment
- Existing Land Use**
 - Municipal Areas
 - Recreation Areas
 - Private Open Space
 - Proposed New City Park
 - Water
 - Parcel
- Places of Interest**
 - Educational facility
 - Governmental Facility
 - Commercial
 - Industrial
 - Office
 - Residential
 - Public / Open Space
- Road Crossings**
 - Existing Signalized Crossings
 - Road Crossing Improvements





BIKE ROUTES RELATIVE TO REGIONAL TRAIL SYSTEM

The map at left illustrates how the Troy pathway system can connect to the regional trail system .

Legend:

- Bike Route
- Priority Bike Route
- Regional Trails



Not to Scale

COMPLETE STREETS ILLUSTRATIONS

The sketches on the following pages illustrate what proposed improvements may look like at specific areas in Troy. Pathways are accentuated by new signage, landscaping, site furnishings and lighting.

These efforts make the pathways and trails attractive resulting in increased walking, running and biking and ultimately in improved overall health in the community. Complete streets increase property value, boost civic pride by creating spaces that promote "ownership" and greater use; and they benefit the environment by reducing carbon dioxide emissions and negating urban heat island effects, while sustainable stormwater management techniques improve water quality.



Rain Gardens and Site Amenities at Coolidge Road and South Boulevard

Bioswales along pathways allow water from the road and the trail to drain from the paved areas into rain gardens planted with shrubs, perennials and grasses that tolerate fluctuating water levels. Decorative trench drains, where necessary collect and direct stormwater runoff to the bioswales lining shared use paths. The planting beds slow, treat and allow stormwater to infiltrate, while creating a vegetative buffer between the pathway and road. Educational signage helps the public understand the process encouraging buy in and support.

Trees planted along the road and by the trail frame the path, creating pedestrian scale and framing the street. The colorful banded accents added to the path illustrate branding potential for specific trail routes.



Improvements along Big Beaver

Big Beaver Road offers many opportunities for improving the non-motorized experience that can be used throughout Troy. This page illustrates several conditions that are significantly improved through the use of Complete Street design. At left, artist elements are highlighted by colorful plantings. This brings beauty and interest to this shared pathway. Trees create canopy and a pedestrian scaled space.



The sketch at right shows how artistic elements and plantings brighten an otherwise barren boulevard space; plantings add scale, color and mass.



Widened sidewalks lined with plantings, shown above, help to buffer pedestrians from non-motorized traffic. Trees define and beautify the space and provide shade for users.



Both non-motorized and motorized traffic facilities are enhanced with textural plantings as shown at left. These not only buffer pedestrians from busy roadway traffic, but they also help mitigate some of the CO2 effects caused by automobiles and reduce heat island effect while framing the street and calming traffic.



Walks and Plantings at Troy High School

Adding walks, shade trees and plantings along school routes promote safe pedestrian access to schools, while reducing traffic and carbon footprints, increasing socialization, safety and exercise and enhancing the student experience. Green initiatives and educational signage along these paths are particularly beneficial to promote ecological stewardship in younger people.



Off-Road Path at Community Recreation Center

Colorful plantings surround this seating area to create a mini public place for gathering and resting along the pathway. What once was an uneventful pathway is transformed into a lively pedestrian experience.

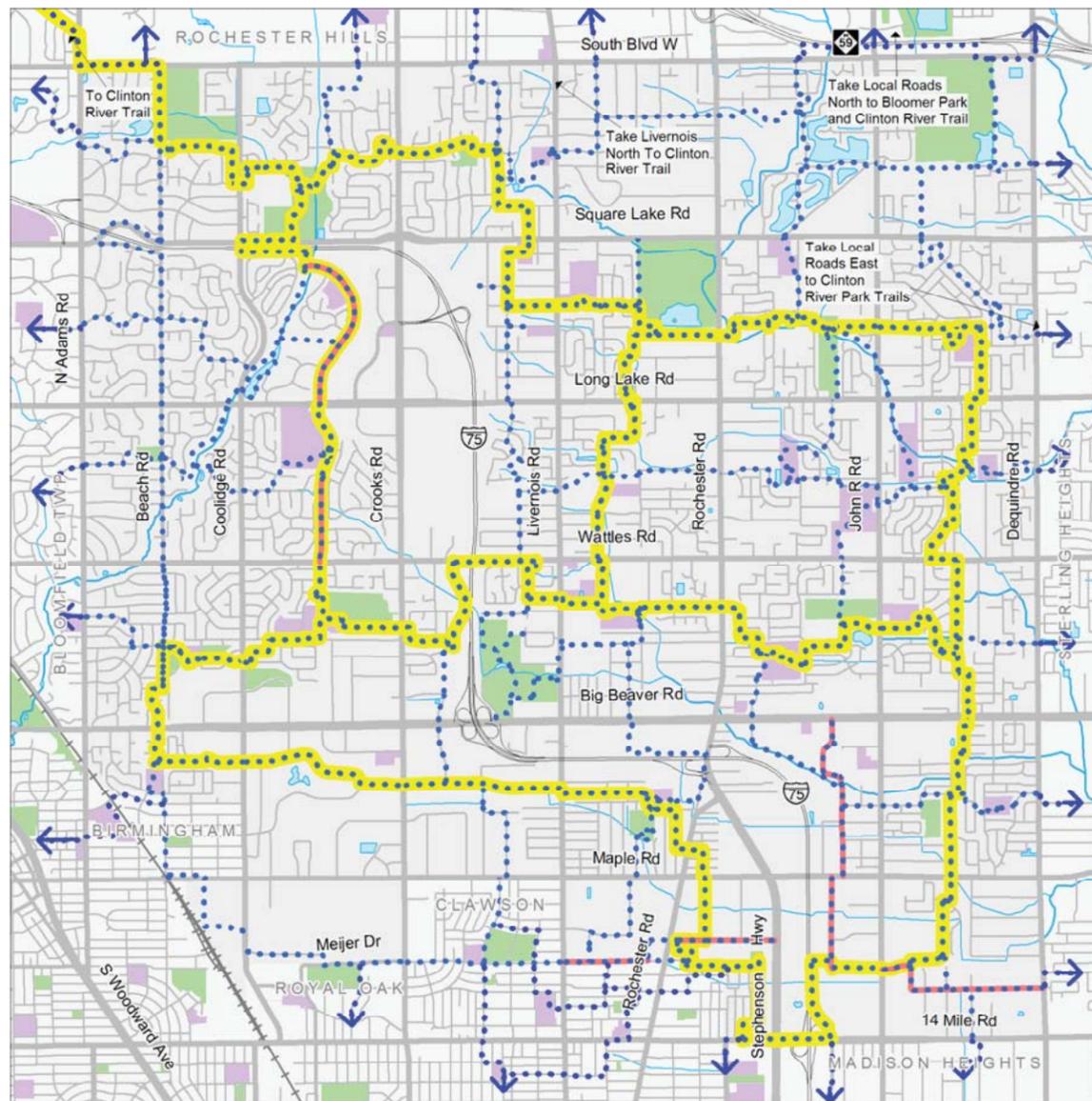


STRATEGIES

The maps at left illustrate priority projects for the Troy Pathway System. These are the areas of the plan that present the best initial opportunities for development based on location, destination or scheduled construction.

The Capital Improvement Plans shown in the appendix show priority projects that are planned to be undertaken within approximately ten years depending on the availability of funding.

Improvements to the pathway system can be integrated into these Capital Improvement Projects with a minimum of extra effort.

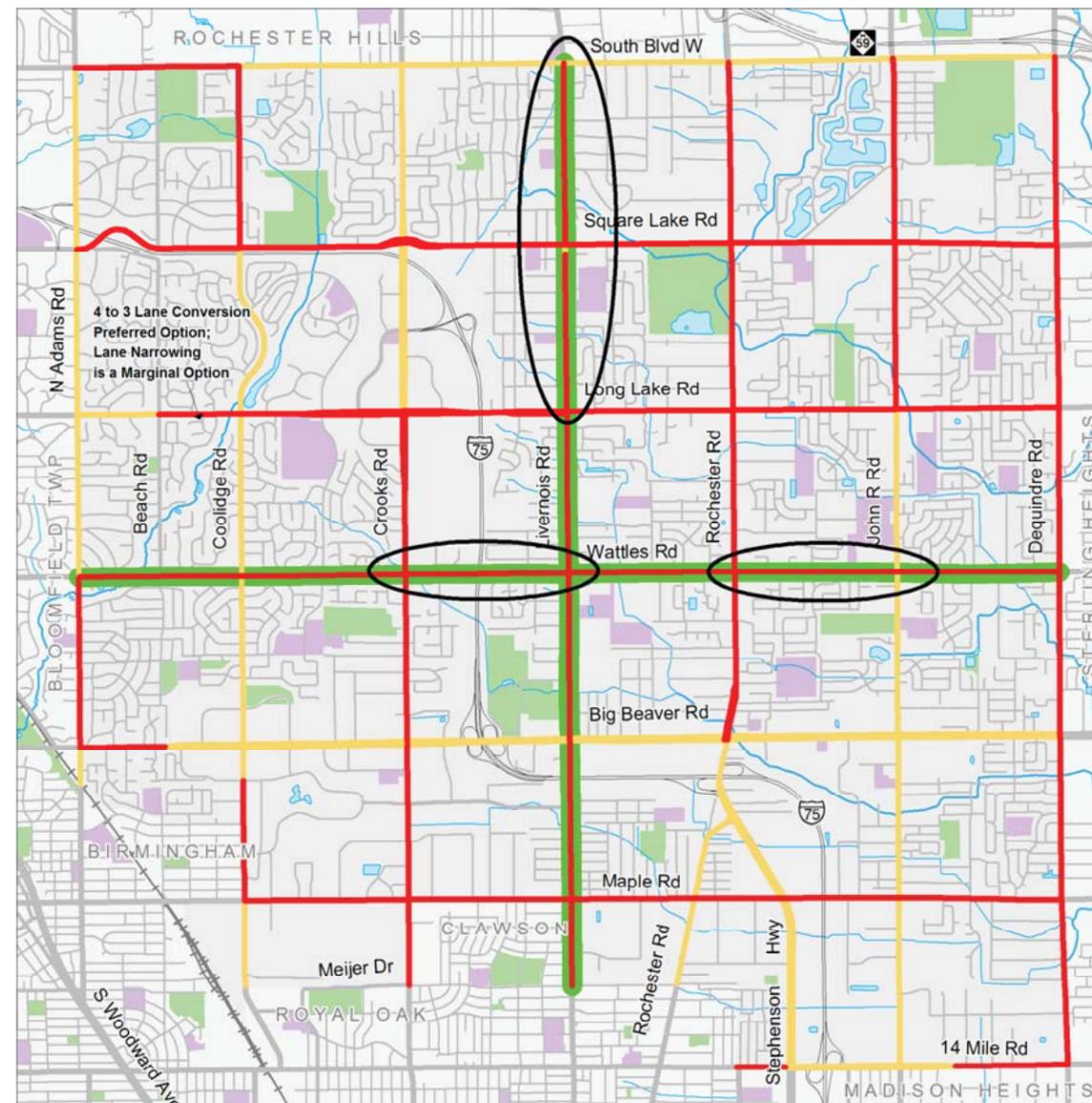


PRIORITY BIKE ROUTES / NEIGHBORHOOD GREENWAYS

The priority bike routes were selected based on their location, relative demand and connections to major destinations and regional trails. These priority bike routes may be enhanced to become neighborhood greenways through the incorporation of traffic calming measures, green street elements, wayfinding and beautification efforts.

Legend:

- Bike Route
- ▬ Priority Bike Route
- ▬ Bike Lanes



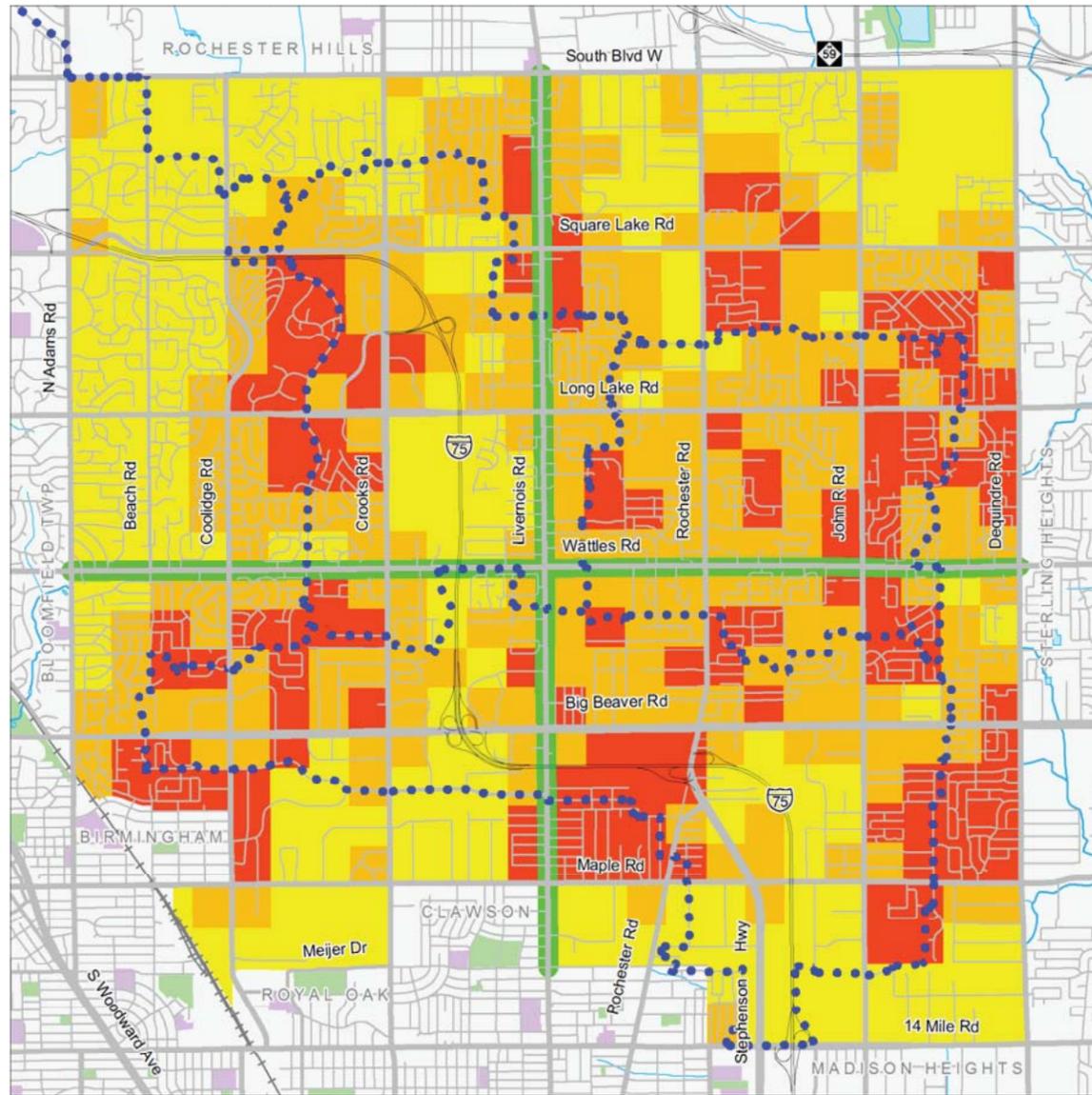
PRIORITY COMPLETE STREETS

Wattles Road and Livernois Road are both identified as high priority corridors due to their centralized location and near term potential. The road segments circled above are planned road construction projects where immediate implementation should take effect.

Legend:

- ▬ Near Term Bike Lanes
- ▬ Long Term Bike Lanes
- ▬ Priority Complete Street/Green Street





PROPOSED PRIORITY ROUTES RELATION TO RELATIVE DEMAND

The proposed priority bike routes/neighborhood greenways and priority complete streets/green streets related to the relative demand analysis are illustrated above.

Legend:

- Relative Demand
- High Demand
- Moderate Demand
- Lowest Demand
- Priority Bike Route
- Priority Complete Street / Green Street



VEGETATION, BMP's and DRAINAGE

Designs for planted area, stormwater source controls and Best Management Practices (BMP's) within public ROW's are still being designed and being tested. Because these treatments may ultimately revert to agencies for ongoing maintenance, the appropriate agencies should be consulted early in the process so all treatment are technically viable and maintainable. Path construction, infrastructure and Complete Street construction should be coordinated to avoid damage to underlying infrastructure and minimize costs.



CITY OF TROY NON-MOTORIZED MASTER PLAN - Project Progress Matrix

Project Description								
Comprehensive list - 2009 City of Troy Non-motorized Master Plan								
Primary Roads Complete Streets / Green streets	Estimated Cost	Idea	Approved Concept	Partial Funding in Place	Construction Drawings Complete	Construction Funding in Place	Construction In Progress	Complete
Priority Bike Lanes on Primary Roads								
• Livemois - South Blvd. to Long Lake	\$ 57,500.00							
• Livemois - Long Lake to Meijer Dr.	\$ 96,000.00							
• Wattles - Crooks to Livemois	\$ 27,150.00							
• Wattles - Rochester to John R	\$ 27,150.00							
• Wattles - Remainder	\$ 108,500.00							
Priority Sidewalks on Primary Roads								
• Livemois - South Blvd. to Long Lake	\$ 109,900.00							
• Livemois - Long Lake to Meijer Dr.	\$ 271,500.00							
• Wattles - Crooks to Livemois	\$ 211,200.00							
• Wattles - Rochester to John R	\$ 253,400.00							
• Wattles - Remainder	\$ 79,900.00							
Priority Plantings on Primary Roads								
• Livemois - South Blvd. to Long Lake	\$ 545,450.00							
• Livemois - Long Lake to Meijer Dr.	\$ 907,300.00							
• Wattles - Crooks to Livemois	\$ 256,100.00							
• Wattles - Rochester to John R	\$ 256,100.00							
• Wattles - Remainder	\$ 1,024,300.00							
Priority Special features on Primary Roads (furniture/art/shelters)								
• Livemois - South Blvd. to Long Lake	\$ 24,500.00							
• Livemois - Long Lake to Meijer Dr.	\$ 2,242,500.00							
• Wattles - Crooks to Livemois	\$ 1,259,000.00							
• Wattles - Rochester to John R	\$ 1,259,000.00							
• Wattles - Remainder	\$ 39,000.00							

PRIORITY MATRIX

The chart at left and below illustrate priority projects for the Troy Pathway System. These are the areas of the plan that present the best initial opportunities for development based on location, destination or scheduled construction.

An electronic matrix has been provided to the City to help them plan and chat pathway work. The matrix is intended to be a living document that is continually updated to record progress.

These costs are included for general budgeting and order of magnitude purposes only. Specific projects would be subject to more detailed estimates. Implementation is intended to be incremental, occurring over many years as funding and logistic opportunities present themselves. Additional information regarding costs in the matrix are included in the Appendix.





Priority Bike Routes		Idea	Approved Concept	Partial Funding in Place	Construction Drawings Complete	Construction Funding in Place	Construction In Progress	Complete
Priority Bike Routes - Street Crossing Improvements								
Northwest Loop and spur (complete)								
● South Blvd. West	\$ 10,700.00							
● Coolidge Rd.	\$ 11,200.00							
● Square Lake Rd.	\$ 8,900.00							
● Long Lake (east)	\$ 11,100.00							
● Long Lake (east)	\$ 11,200.00							
● Livemois Rd. (north)	\$ 10,400.00							
● Livemois Rd. (south)	\$ 10,700.00							
● Wattles Rd. (east)	\$ 10,700.00							
● Wattles Rd. (west)	\$ 10,600.00							
Northeast Loop (3 sides)								
● Rochester Rd.	\$ 10,200.00							
● John R (north)	\$ 11,000.00							
● John R (south)	\$ 10,500.00							
● Long Lake Rd.	\$ 10,800.00							
● Wattles Rd.	\$ 10,700.00							
South Loop (remaining route)								
● Big Beaver Rd. (east)	\$ 19,500.00							
● Big Beaver Rd. (west)	\$ 10,800.00							
● Coolidge Rd.	\$ 36,200.00							
● Rochester Rd.	\$ 10,700.00							
● Maple Rd.	\$ 19,800.00							

Priority Bike Routes		Idea	Approved Concept	Partial Funding in Place	Construction Drawings Complete	Construction Funding in Place	Construction In Progress	Complete
Priority Bike Routes - Shared Use Paths								
Northwest Loop and spur (complete)								
● Fire Fighter's Park	\$ 12,000.00							
● Square Lake Rd. (east & west)	\$ 7,000.00							
● Sylvan Glen Golf Course and spur to west	\$ 26,000.00							
● North and south of Wattles Rd.	\$ 11,200.00							
● Wattles Road at I-75	\$ 2,900.00							
● Boulan Park	\$ 11,000.00							
● Northfield Pky. at High school	\$ 227,600.00							
Northeast Loop (3 sides)								
● Gibson Drain Crossing east of Rochester Rd.	\$ 5,500.00							
● Gibson Drain at Jaycee Park	\$ 5,700.00							
● East of John R. Rd.	\$ 9,000.00							
● Along Wattles Rd. and south to Beaver Trail Park	\$ 9,300.00							
● Barnard Elementary School	\$ 4,600.00							
South Loop (remaining route)								
● Spencer Drain crossing	\$ 11,200.00							
● John R Rd. to Stephenson Hwy.	\$ 10,400.00							
● Robinwood Park	\$ 31,700.00							
● Schroeder Park and Elementary School	\$ 10,450.00							

PUBLIC PARTICIPATION - MEETING MINUTES

The following are meeting minutes from the public meetings held March 25, 2009 and June 11, 2009.



THE GREENWAY COLLABORATIVE, INC.

Troy Pathways Plan- Public Workshop Map Notes

Troy Community Center- June 11, 2009

A public workshop was held on June 11, 2009 at the Troy Community Center. During this workshop participants were given the opportunity to record comments and suggestions regarding the preliminary pathways plan. The following is a list of comments received during this event.

Map 1

Contacts: Peter Pez 248-879-2446
Mike McCarty 248-528-1273

Notes:

- Beach Road Should be a Priority Bike Route, Connecting up to Grey Road and the Clinton River Trail
- Potential for Trail Along South Edge of I-75 between Northfield Pkwy and Beech Road
- Woodland Elementary Surrounded by a Fence
- Part of the Path Marked by the Bike Route Exists South of Woodland Elementary
- Desire to Continue Bike Route Along South Edge of Sylvan Glen Golf Course and Make More Connections to Sylvanwood Road.
- There may be Opportunity to access Public/Quasi Public Property off of a Dead-End Road on Church Hill Drive near the Intersection of Long Lake Road and Rochester Rd.
- Greenspace near Jayce Park has a fence around it. However, it may be removed if slope issues can be addressed.

hamiltonanderson

meeting minutes

Hamilton Anderson Associates
1435 Randolph Suite 200 Detroit, Michigan 48226
p 313 964 0270 f 313 964 0170
www.hamilton-anderson.com

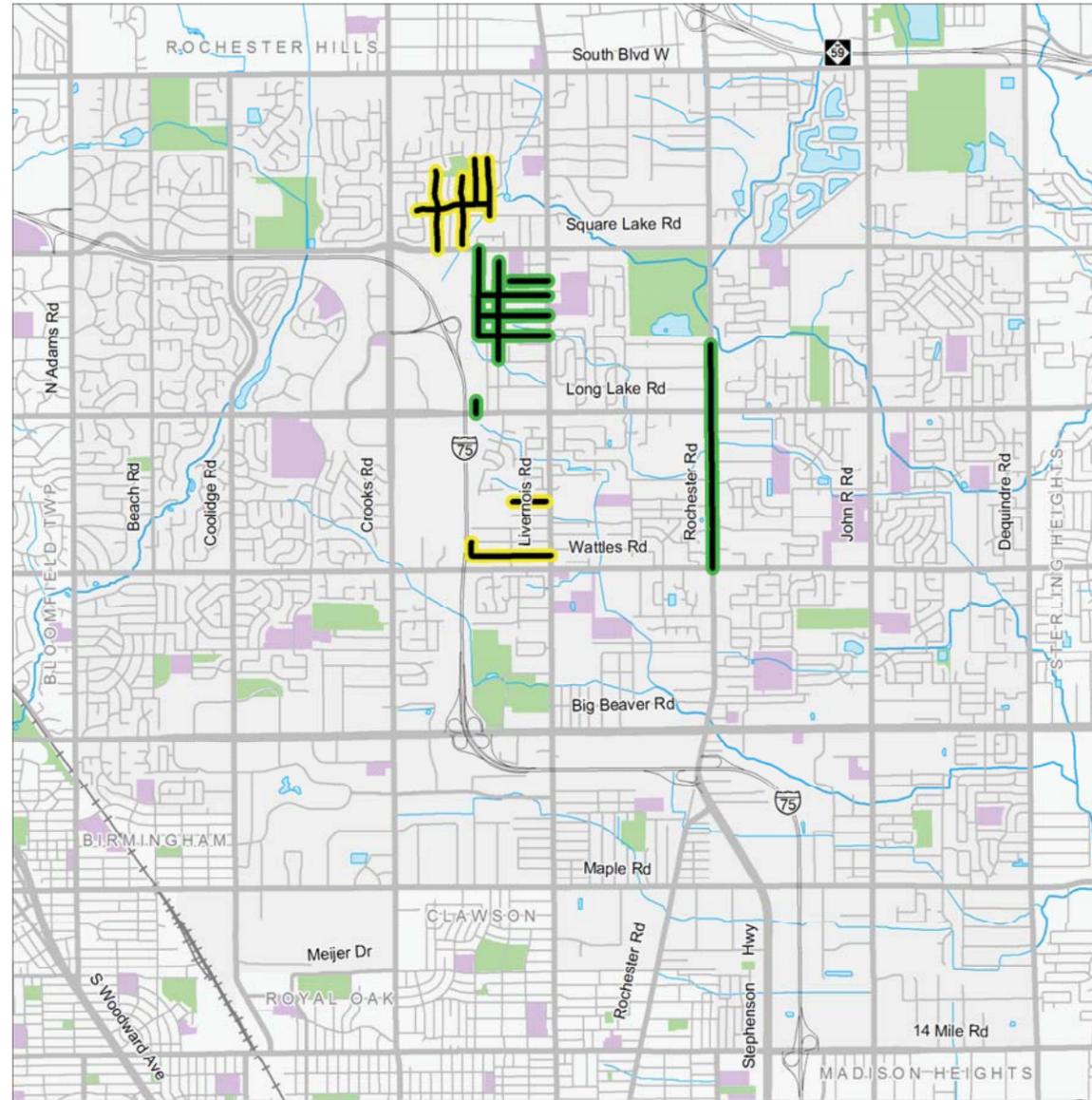
03.25.09	Troy Pathway Master Plan
Meeting Date	Project Name
6:30 pm	28232.00
Meeting Time	Project Number
Troy Community Center	Sam Lovall
Meeting Location	From
Kick off mtg.	04.01.09
Subject	Date
See attached sign-in sheet. Carol Anderson	Carol Anderson, Norm Cox
Attendees	Distribution

Item	Description	Action	Due
1	Hamilton Anderson (HAA) – Introduction and background of HAA presented by Sam Lovall.		
2	Greenways Collaborative (GC) – Introduction and background of GC presented by Norm Cox.		
3	HAA and GC requested the Troy Trails and Pathways Committee (see attached) introduce themselves and share why they are on the committee.		
4	Reasons for committee involvement- Walking, walking dogs, like the outdoors, like to find new ways around town, safety, dislike of traffic, preserving greenspace, mountain biking, back packing, urban trail, required transportation, the trails don't connect, need to travel without getting into the car, off road trails, running, roller blading, observed trails all over the US, recreation and transportation.		
5	Each chairperson of the 4 sub-committees then presented regarding the following topics; 1. Funding, 2. Outreach, 3. Routes, 4. Lights, Surface, Signage, and Zoning.		
6	Funding- Funding strategies were discussed – MDNR Trust Fund, MDOT Enhancement, city funds etc.		
7	Outreach- PR. Presentations were made to City Counsel. Brochure was prepared.		
8	Routes- The "Candidate Trail Map" was presented along with trail types, short term goals and long term goals.		
9	Lights, Surface, Signage, and Zoning – Lighting documents show what needs to be lit, could use alternative energy. Ordinance – need updating to reflect sidewalk/bike facility needs. Signage – Wayfinding, branding, could be an amenity for the city having economic value.		
10	An updated project schedule was presented that includes all		

The above minutes are Hamilton Anderson Associates' understanding of the issues discussed. If any of these items are not consistent with your understanding, please respond within five (5) business days of receipt, otherwise these minutes will become the official record of the project.

CAPITAL IMPROVEMENT PROJECTS

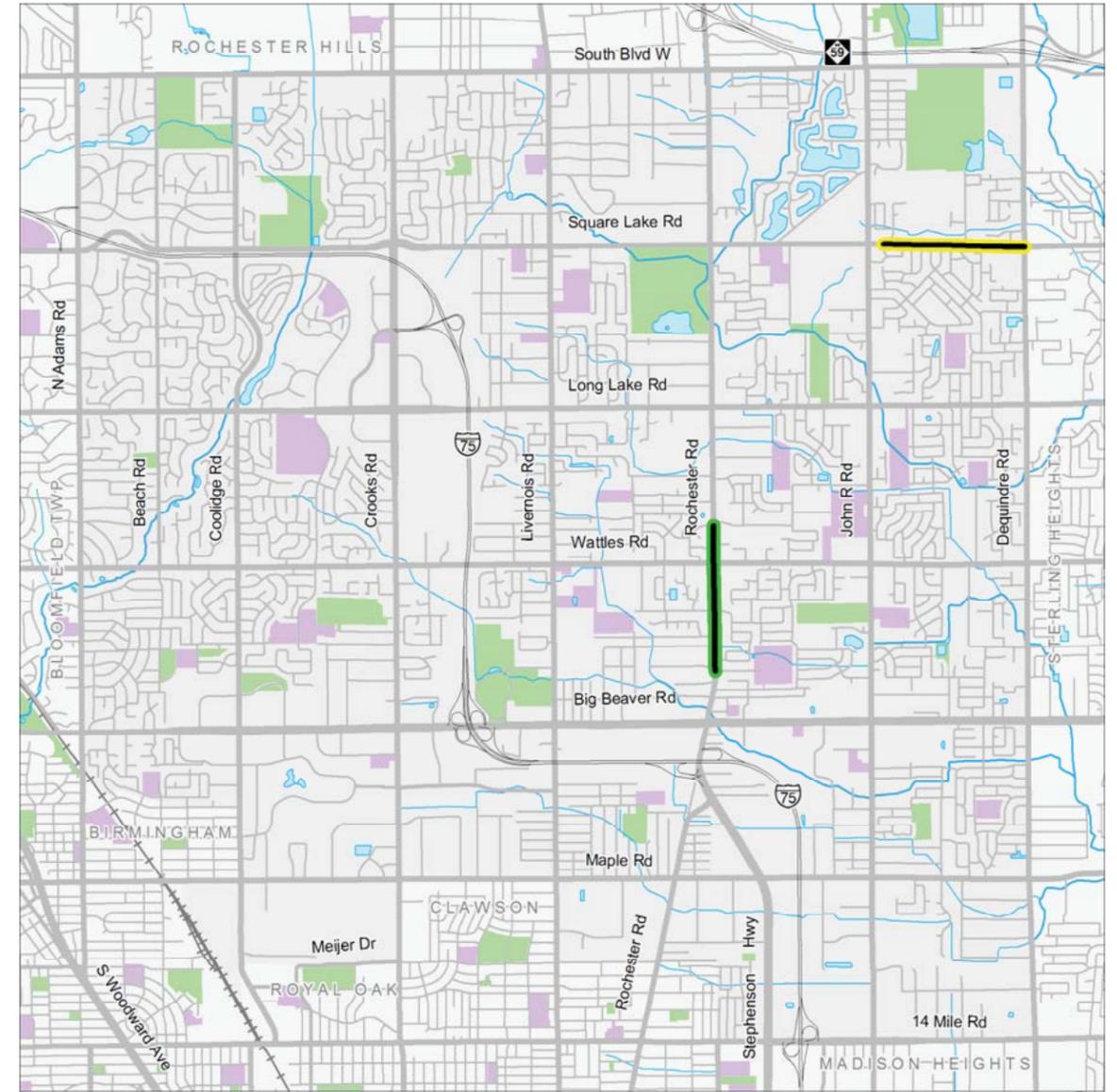
The following maps indicate Capital Improvement Projects scheduled to be completed in the next ten years.



6 Year CIP - Water

Legend:

- Type
- Resurfacing
- Proposed Date
- 0-2 years
 - 2-6 years

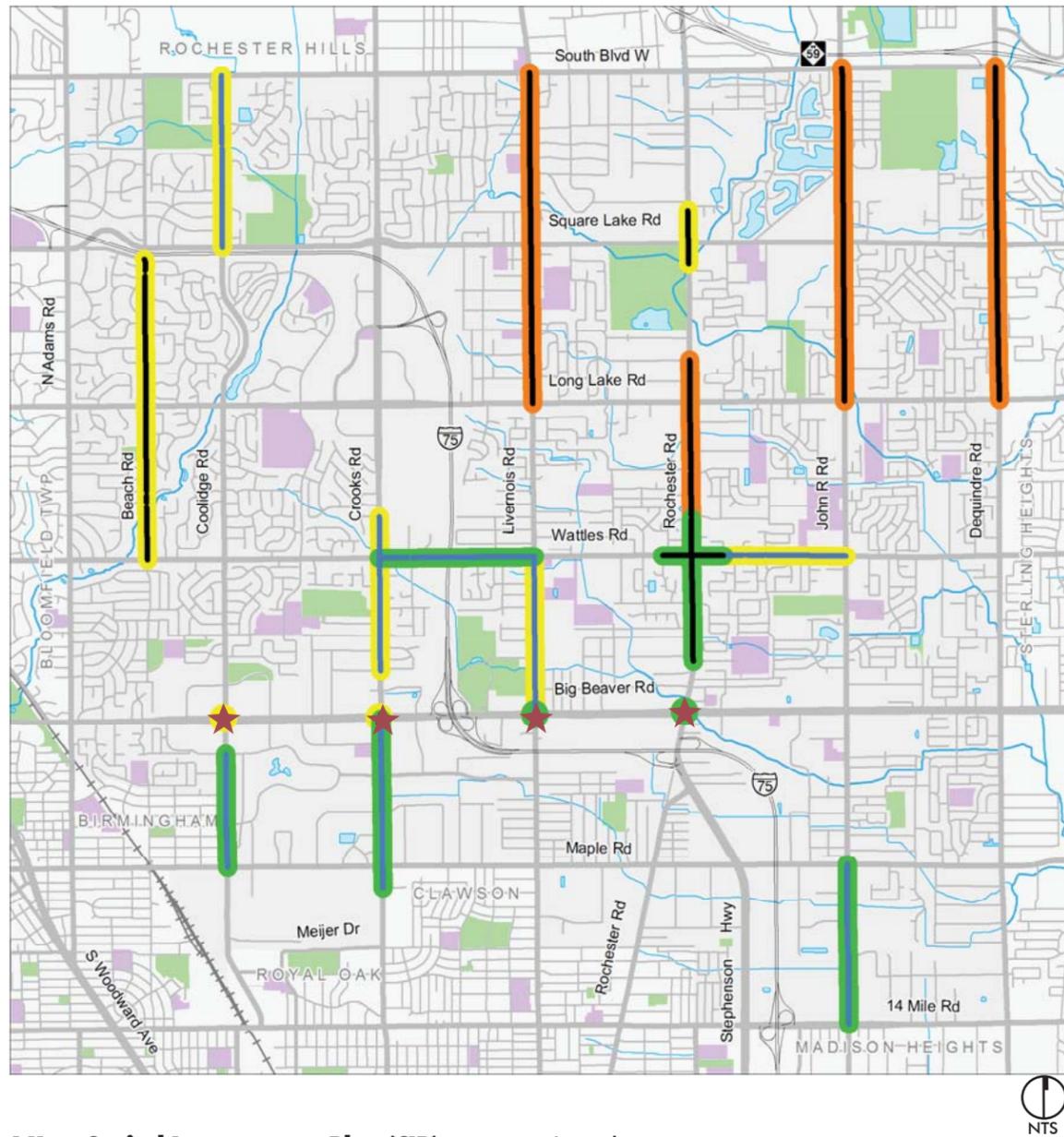


6 Year CIP - Drains

Legend:

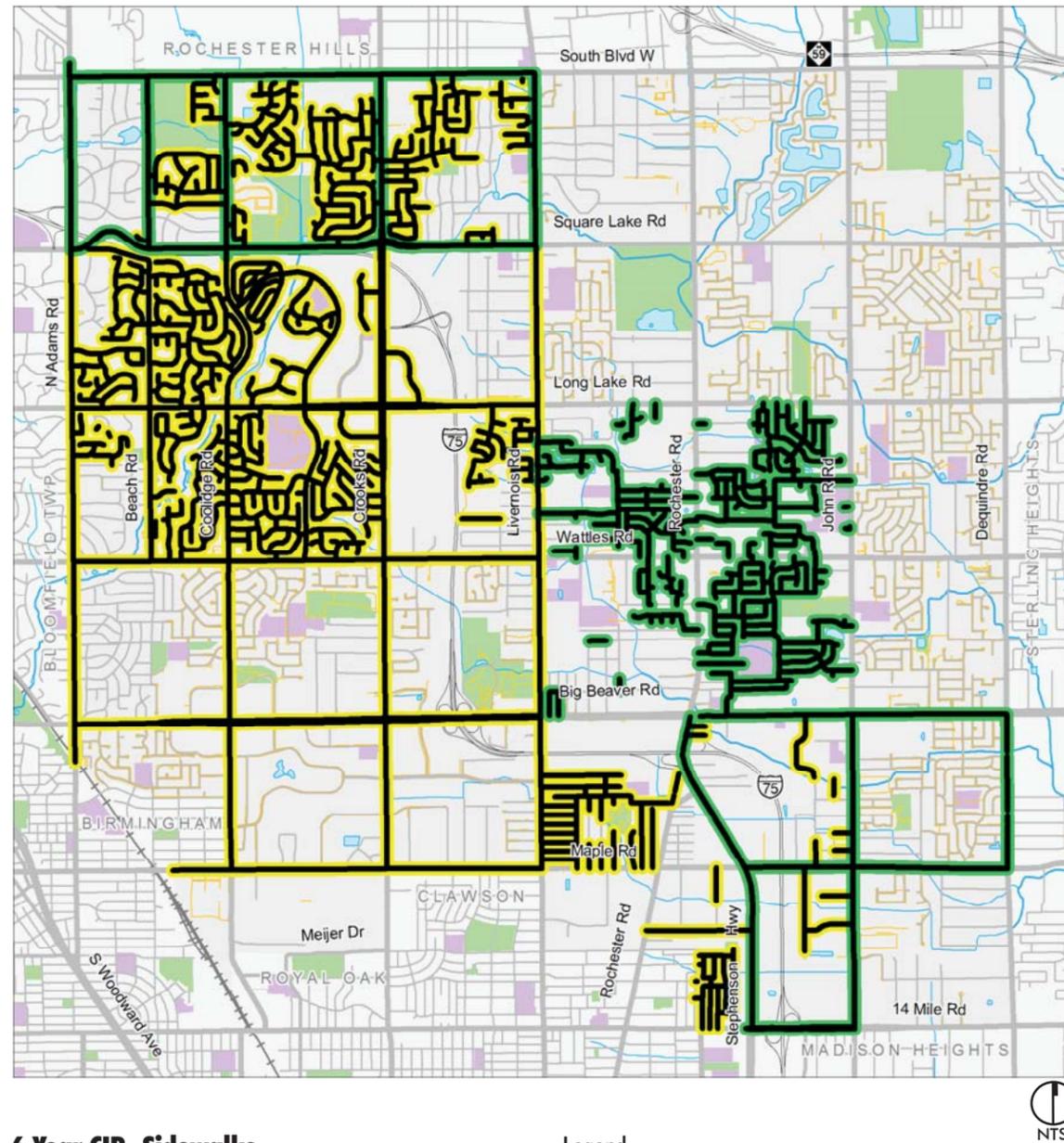
- Type
- Resurfacing
- Proposed Date
- 0-2 years
 - 2-6 years





**6 Year Capital Improvement Plan (CIP)
Major Roads**

- Legend:**
- Type
 - Overlay
 - Reconstruction
 - Intersection Enhancement
 - Proposed Construction Date
 - 0-2 years
 - 2-6 Years
 - 6+ Years



6 Year CIP -Sidewalks

- Legend:**
- Type
 - Resurfacing
 - Proposed Date
 - 0-2 years
 - 2-6 years



COST ESTIMATES

General magnitude of costs for improvements were generated to aid in setting budgets for implementation. The costs were divided into three main categories: Complete Streets, Shared Use Paths and Street Crossings. Each main category is then broken in to smaller items. Assumptions about how costs were determined are included.

These costs are included for general budgeting and order of magnitude purposes only. Specific projects would be subject to more detailed estimates.

City of Troy Trails and Pathway Master Plan

Preliminary Estimate - October 2009

PRIMARY ROADS - COMPLETE STREETS / GREEN STREETS

	Length (Miles)
Livernois - South Boulevard to Long Lake	2.1
Livernois - Long Lake to Meijer Dr	3.5
Wattles - Crooks to Livernois	1.0
Wattles - Rochester to John R	1.0
Wattles - Remainder	4.0

Bike Lanes

	Total Cost
Livernois - South Boulevard to Long Lake	\$57,506
Livernois - Long Lake to Meijer Dr	\$96,000
Wattles - Crooks to Livernois	\$27,120
Wattles - Rochester to John R	\$27,120
Wattles - Remainder	\$108,480
	\$316,226

	Item	Qty.	Unit	Unit Cost	Amount
Livernois - South Boulevard to Long Lake	Pavement Marking,	22493	lft	\$2	\$44,986
Livernois - Long Lake to Meijer Dr	4" white	37414	lft	\$2	\$74,828
Wattles - Crooks to Livernois		10560	lft	\$2	\$21,120
Wattles - Rochester to John R		10560	lft	\$2	\$21,120
Wattles - Remainder		42240	lft	\$2	\$84,480
Livernois - South Boulevard to Long Lake	Pavement Marking,	8	ea	\$250	\$2,000
Livernois - Long Lake to Meijer Dr	4" white	14	ea	\$250	\$3,500
Wattles - Crooks to Livernois		4	ea	\$250	\$1,000
Wattles - Rochester to John R		4	ea	\$250	\$1,000
Wattles - Remainder		16	ea	\$250	\$4,000
Livernois - South Boulevard to Long Lake	Bike Lane Sign	8	ea	\$250	\$2,000
Livernois - Long Lake to Meijer Dr		14	ea	\$250	\$3,500
Wattles - Crooks to Livernois		4	ea	\$250	\$1,000
Wattles - Rochester to John R		4	ea	\$250	\$1,000
Wattles - Remainder		16	ea	\$250	\$4,000
Livernois - South Boulevard to Long Lake	Wayfinding	2.13	ea	\$4,000	\$8,520
Livernois - Long Lake to Meijer Dr	Signage, Complete	3.54	ea	\$4,000	\$14,172
Wattles - Crooks to Livernois		1	ea	\$4,000	\$4,000
Wattles - Rochester to John R		1	ea	\$4,000	\$4,000
Wattles - Remainder		4	ea	\$4,000	\$16,000

City of Troy Trails and Pathway Master Plan

Preliminary Estimate - October 2009

Assumptions

- Existing road geometries support bicycle lanes without having to widen/reconstruct roads
- Bicycle lanes are located on both sides of the road
- Bicycle lane symbols shall be placed on each side of the road, two per mile on each side of the road
- Bike island signs include the cost of the sign, u-shaped post and foundation
- Bike lane placement shall be two per mile on each side of the road
- Way finding signage, complete includes the cost of the sign, post and post foundation. Pricing assumes that signage will be decorative in comparison to traditional regulatory signage
- Wayfinding signage shall be estimated as one for every two miles in each direction

Sidewalk Gaps

	Item	Qty.	Unit	Cost/Mile	Total Cost
Livernois - South Boulevard to Long Lake	4" Sidewalk Complete	1.73	mile	\$190,000	\$109,900
Livernois - Long Lake to Meijer Dr	4" Sidewalk Complete	0.7	mile	\$190,000	\$271,500
Wattles - Crooks to Livernois	4" Sidewalk Complete	0.9	mile	\$190,000	\$211,200
Wattles - Rochester to John R	4" Sidewalk Complete	0.75	mile	\$190,000	\$253,400
Wattles - Remainder	4" Sidewalk Complete	2.38	mile	\$190,000	\$79,900
					\$925,900

Assumptions

- 4" Sidewalk Complete includes installation of 6' wide, 4" thick concrete sidewalks and 4" granular base
- Cost per mile prices were estimated using Wisconsin, New York and Virginia Dot Trailway Cost Estimates

Plantings

	Total Cost
Livernois - South Boulevard to Long Lake	Plantings, Complete \$545,450
Livernois - Long Lake to Meijer Dr	\$907,291
Wattles - Crooks to Livernois	\$256,080
Wattles - Rochester to John R	\$256,080
Wattles - Remainder	\$1,024,320
	\$2,989,222

City of Troy Trails and Pathway Master Plan

Preliminary Estimate - October 2009

	Item	Qty.	Unit	Cost/Mile	Total Cost
Livernois - South Boulevard to Long Lake	Native Street Trees	562	ea	\$750	\$421,740
Livernois - Long Lake to Meijer Dr		935	ea	\$750	\$701,514
Wattles - Crooks to Livernois		264	ea	\$750	\$198,000
Wattles Rochester to John R		264	ea	\$750	\$198,000
Wattles - Remainder		1056	ea	\$750	\$792,000
Livernois - South Boulevard to Long Lake	Large Native Shrubs	1125	ea	\$60	\$67,478
Livernois - Long Lake to Meijer Dr		1871	ea	\$60	\$112,242
Wattles - Crooks to Livernois		528	ea	\$60	\$31,680
Wattles Rochester to John R		528	ea	\$60	\$31,680
Wattles - Remainder		2112	ea	\$60	\$126,720
Livernois - South Boulevard to Long Lake	Perennial plantings	2812	ea	\$20	\$56,232
Livernois - Long Lake to Meijer Dr		4677	ea	\$20	\$93,535
Wattles - Crooks to Livernois		1320	ea	\$20	\$26,400
Wattles Rochester to John R		1320	ea	\$20	\$26,400
Wattles - Remainder		5280	ea	\$20	\$105,600

Assumptions

1. Plantings, Complete includes trees, shrubs, and perennials.
2. Tree quantities were estimated for a 40' O.C. placement for 75% of the roadway
3. Shrubs and perennials will not be consistently placed along each stretch of roadway.
4. Shrubs shall be placed at 10' O.C for 50% of road length in each direction
5. Perennials shall be placed at 2' O.C. for 25% of the road length in each direction
6. All costs are slightly elevated to consider placement of topsoil and mulch

Special Features

	Total Cost
Livernois - South Boulevard to Long Lake	\$24,500
Livernois - Long Lake to Meijer Dr	\$2,242,500
Wattles - Crooks to Livernois	\$1,259,000
Wattles Rochester to John R	\$1,259,000
Wattles - Remainder	\$39,000
	\$4,824,000

City of Troy Trails and Pathway Master Plan

Preliminary Estimate - October 2009

	Item	Qty.	Unit	Cost/Mile	Total Cost
Livernois - South Boulevard to Long Lake	Benches	8	ea	\$750	\$6,000
Livernois - Long Lake to Meijer Dr		14	ea	\$750	\$10,500
Wattles - Crooks to Livernois		4	ea	\$750	\$3,000
Wattles Rochester to John R		4	ea	\$750	\$3,000
Wattles - Remainder		16	ea	\$750	\$12,000
Livernois - South Boulevard to Long Lake	Bike Racks	1	ea	\$500	\$500
Livernois - Long Lake to Meijer Dr		2	ea	\$500	\$1,000
Wattles - Crooks to Livernois		0	ea	\$500	\$0
Wattles Rochester to John R		0	ea	\$500	\$0
Wattles - Remainder		2	ea	\$500	\$1,000
Livernois - South Boulevard to Long Lake	Trash receptacles	8	ea	\$1,000	\$8,000
Livernois - Long Lake to Meijer Dr		14	ea	\$1,000	\$14,000
Wattles - Crooks to Livernois		4	ea	\$1,000	\$4,000
Wattles Rochester to John R		4	ea	\$1,000	\$4,000
Wattles - Remainder		16	ea	\$1,000	\$16,000
Livernois - South Boulevard to Long Lake	Lighting	0	ea	\$7,000	\$0
Livernois - Long Lake to Meijer Dr		311	ea	\$7,000	\$2,177,000
Wattles - Crooks to Livernois		176	ea	\$7,000	\$1,232,000
Wattles Rochester to John R		176	ea	\$7,000	\$1,232,000
Wattles - Remainder		0	ea	\$7,000	\$0
Livernois - South Boulevard to Long Lake	Art Pieces	1	ea	\$10,000	\$10,000
Livernois - Long Lake to Meijer Dr		4	ea	\$10,000	\$40,000
Wattles - Crooks to Livernois		2	ea	\$10,000	\$20,000
Wattles Rochester to John R		2	ea	\$10,000	\$20,000
Wattles - Remainder		1	ea	\$10,000	\$10,000

Assumptions

1. Special Features, Complete includes elements such as benches, trash receptacles, and art elements
2. Benches shall be placed on each side of the road, two per mile
3. Bike Racks will be placed near busy corners, near popular destinations. Bike rack estimates shall be 1 bike rack for every three miles, on each side of the road
4. Trash receptacle shall be placed on each side of the road, two per mile
5. Lighting shall be estimated in non-residential areas only, at 60' O.C., each side of the road
6. Art pieces shall highlight important gateways. Additional pieces shall considered in nonresidential areas

City of Troy Trails and Pathway Master Plan

Preliminary Estimate - October 2009

PRIORITY BIKE ROUTES - INTERSECTION IMPROVEMENTS

	Total Cost
Northwest Loop and Spur Complete	\$73,999.00
South Boulevard (at Beach Road)	\$10,660.00
Coolidge Road (at Red Maple Drive)	\$11,160.00
Square Lake Road (at Coolidge Highway)	\$8,900.00
Long Lake (at Belzair Drive)	\$11,092.00
Long Lake (at Northfield Parkway)	\$11,156.00
Livernois Road (at Habrand Drive)	\$10,336.00
Livernois Road (at Wendelton Road)	\$10,692.00
Wattles Road (at Tallman Drive)	\$10,660.00
Wattles Road (at Northfield Parkway)	\$10,546.00
Northeast Loop and Spur Complete	\$ 53,139.00
Rochester Road (at Sylvanwood Drive)	\$10,156.00
John R (at Laurel Drive)	\$10,972.00
John R (at North Lake Drive)	\$10,508.00
Long Lake Road (at Blair Drive)	\$10,792.00
Wattles Road (Forsyth Drive)	\$10,708.00
South Loop and Spur Complete	\$77,068.00
Big Beaver Road (at Cedar Crest Drive)	\$19,424.00
Big Beaver Road (at Beach Road)	\$10,792.00
Coolidge Road (at Golfview Drive)	\$36,196.00
Rochester Road (at Troywood Drive)	\$10,656.00

	Item	Qty	Unit	Cost/Mile	Total Cost
NW	South Boulevard (west)	Ramps,	4 ea	\$25.00	\$100.00
	Coolidge Road	Complete	4 ea	\$25.00	\$100.00
	Square Lake Road		4 ea	\$25.00	\$100.00
	Long Lake (east)		4 ea	\$25.00	\$100.00
	Long Lake (west)		4 ea	\$25.00	\$100.00
	Livernois Road (north)		4 ea	\$25.00	\$100.00
	Livernois Road (south)		4 ea	\$25.00	\$100.00
NE	Wattles Road (east)		4 ea	\$25.00	\$100.00
	Wattles Road (west)		4 ea	\$25.00	\$100.00
	Rochester Road		4 ea	\$25.00	\$100.00
	John R (north)		4 ea	\$25.00	\$100.00
	John R (south)		4 ea	\$25.00	\$100.00
	Long Lake Road		4 ea	\$25.00	\$100.00
	Wattles Road		4 ea	\$25.00	\$100.00

City of Troy Trails and Pathway Master Plan

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	Item	Qty	Unit	Cost/Mile	Total Cost
S	Big Beaver Road (east)	Ramps,	4 ea	\$25.00	\$100.00
	Big Beaver Road (west)	Complete, Cont.	4 ea	\$25.00	\$100.00
	Coolidge Road		4 ea	\$25.00	\$100.00
	Rochester Road		4 ea	\$25.00	\$100.00
	Maple Road		4 ea	\$25.00	\$100.00
NW	South Boulevard (west)	Curb and Gutter	50 lf	\$16.00	\$800.00
	Coolidge Road		50 lf	\$16.00	\$800.00
	Square Lake Road		lf	\$16.00	\$0.00
	Long Lake (east)		50 lf	\$16.00	\$800.00
	Long Lake (west)		50 lf	\$16.00	\$800.00
	Livernois Road (north)		46 lf	\$16.00	\$736.00
	Livernois Road (south)		46 lf	\$16.00	\$736.00
NE	Wattles Road (east)		46 lf	\$16.00	\$736.00
	Wattles Road (west)		46 lf	\$16.00	\$736.00
	Rochester Road		50 lf	\$16.00	\$800.00
	John R (north)		50 lf	\$16.00	\$800.00
	John R (south)		48 lf	\$16.00	\$768.00
S	Long Lake Road		50 lf	\$16.00	\$800.00
	Wattles Road		50 lf	\$16.00	\$800.00
	Big Beaver Road (east)		40 lf	\$16.00	\$640.00
	Big Beaver Road (west)		50 lf	\$16.00	\$800.00
	Coolidge Road		80 lf	\$16.00	\$1,280.00
Rochester Road		46 lf	\$16.00	\$736.00	
Maple Road		100 lf	\$16.00	\$1,600.00	

City of Troy Trails and Pathway Master Plan

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	Item	Qty.	Unit	Cost/Mile	Total Cost	
NW	South Boulevard (west)	Concrete Walk	240	sf	\$3.00	\$720.00
	Coolidge Road		420	sf	\$3.00	\$1,260.00
	Square Lake Road			sf	\$3.00	\$0.00
	Long Lake (east)		400	sf	\$3.00	\$1,200.00
	Long Lake (west)		400	sf	\$3.00	\$1,200.00
	Livernois Road (north)		200	sf	\$3.00	\$600.00
	Livernois Road (south)		288	sf	\$3.00	\$864.00
	Wattles Road (east)		288	sf	\$3.00	\$864.00
	Wattles Road (west)		250	sf	\$3.00	\$750.00
	NE	Rochester Road		72	sf	\$3.00
John R (north)			360	sf	\$3.00	\$1,080.00
John R (south)			216	sf	\$3.00	\$648.00
Long Lake Road			300	sf	\$3.00	\$900.00
Wattles Road			288	sf	\$3.00	\$864.00
S	Big Beaver Road (east)		500	sf	\$3.00	\$1,500.00
	Big Beaver Road (west)		300	sf	\$3.00	\$900.00
	Coolidge Road		480	sf	\$3.00	\$1,440.00
	Rochester Road		276	sf	\$3.00	\$828.00
	Maple Road		552	sf	\$3.00	\$1,656.00
NW	South Boulevard (west)	Pav't Markings,	60	lf	\$4.00	\$240.00
	Coolidge Road	Crosswalk	50	lf	\$4.00	\$200.00
	Square Lake Road			lf	\$4.00	\$0.00
	Long Lake (east)		48	lf	\$4.00	\$192.00
	Long Lake (west)		64	lf	\$4.00	\$256.00
	Livernois Road (north)		25	lf	\$4.00	\$100.00
	Livernois Road (south)		48	lf	\$4.00	\$192.00
	Wattles Road (east)		40	lf	\$4.00	\$160.00
	Wattles Road (west)		40	lf	\$4.00	\$160.00
	NE	Rochester Road		60	lf	\$4.00
John R (north)			48	lf	\$4.00	\$192.00
John R (south)			48	lf	\$4.00	\$192.00
Long Lake Road			48	lf	\$4.00	\$192.00
Wattles Road			36	lf	\$4.00	\$144.00
S	Big Beaver Road (east)		96	lf	\$4.00	\$384.00
	Big Beaver Road (west)		48	lf	\$4.00	\$192.00
	Coolidge Road		144	lf	\$4.00	\$576.00
	Rochester Road		48	lf	\$4.00	\$192.00
	Maple Road		96	lf	\$4.00	\$384.00

City of Troy Trails and Pathway Master Plan

Preliminary Estimate - October 2009

	Item	Qty.	Unit	Cost/Mile	Total Cost	
NW	South Boulevard (west)	Ped. Beacons	2	ea	\$4,000.00	\$8,000.00
	Coolidge Road		2	ea	\$4,000.00	\$8,000.00
	Square Lake Road		2	ea	\$4,000.00	\$8,000.00
	Long Lake (east)		2	ea	\$4,000.00	\$8,000.00
	Long Lake (west)		2	ea	\$4,000.00	\$8,000.00
	Livernois Road (north)		2	ea	\$4,000.00	\$8,000.00
	Livernois Road (south)		2	ea	\$4,000.00	\$8,000.00
	Wattles Road (east)		2	ea	\$4,000.00	\$8,000.00
	Wattles Road (west)		2	ea	\$4,000.00	\$8,000.00
	NE	Rochester Road		2	ea	\$4,000.00
John R (north)			2	ea	\$4,000.00	\$8,000.00
John R (south)			2	ea	\$4,000.00	\$8,000.00
Long Lake Road			2	ea	\$4,000.00	\$8,000.00
Wattles Road			2	ea	\$4,000.00	\$8,000.00
S	Big Beaver Road (east)		4	ea	\$4,000.00	\$16,000.00
	Big Beaver Road (west)		2	ea	\$4,000.00	\$8,000.00
	Coolidge Road		8	ea	\$4,000.00	\$32,000.00
	Rochester Road		2	ea	\$4,000.00	\$8,000.00
	Maple Road		4	ea	\$4,000.00	\$16,000.00
NW	South Boulevard (west)	Signage	2	ea	\$250.00	\$500.00
	Coolidge Road		2	ea	\$250.00	\$500.00
	Square Lake Road		2	ea	\$250.00	\$500.00
	Long Lake (east)		2	ea	\$250.00	\$500.00
	Long Lake (west)		2	ea	\$250.00	\$500.00
	Livernois Road (north)		2	ea	\$250.00	\$500.00
	Livernois Road (south)		2	ea	\$250.00	\$500.00
	Wattles Road (east)		2	ea	\$250.00	\$500.00
	Wattles Road (west)		2	ea	\$250.00	\$500.00
	NE	Rochester Road		2	ea	\$250.00
John R (north)			2	ea	\$250.00	\$500.00
John R (south)			2	ea	\$250.00	\$500.00
Long Lake Road			2	ea	\$250.00	\$500.00
Wattles Road			2	ea	\$250.00	\$500.00
S	Big Beaver Road (east)		2	ea	\$250.00	\$500.00
	Big Beaver Road (west)		2	ea	\$250.00	\$500.00
	Coolidge Road		2	ea	\$250.00	\$500.00
	Rochester Road		2	ea	\$250.00	\$500.00

City of Troy Trails and Pathway Master Plan

Preliminary Estimate - October 2009

	Item	Qty.	Unit	Cost/Mile	Total Cost
NW	South Boulevard (west)	2	ea	\$150.00	\$300.00
	Coolidge Road	2	ea	\$150.00	\$300.00
	Square Lake Road	2	ea	\$150.00	\$300.00
	Long Lake (east)	2	ea	\$150.00	\$300.00
	Long Lake (west)	2	ea	\$150.00	\$300.00
	Livernois Road (north)	2	ea	\$150.00	\$300.00
	Livernois Road (south)	2	ea	\$150.00	\$300.00
	Wattles Road (east)	2	ea	\$150.00	\$300.00
	Wattles Road (west)	2	ea	\$150.00	\$300.00
	NE	Rochester Road	2	ea	\$150.00
John R (north)		2	ea	\$150.00	\$300.00
John R (south)		2	ea	\$150.00	\$300.00
Long Lake Road		2	ea	\$150.00	\$300.00
Wattles Road		2	ea	\$150.00	\$300.00
S	Big Beaver Road (east)	2	ea	\$150.00	\$300.00
	Big Beaver Road (west)	2	ea	\$150.00	\$300.00
	Coolidge Road	2	ea	\$150.00	\$300.00
	Rochester Road	2	ea	\$150.00	\$300.00
	Maple Road				

Assumptions

1. Intersection improvements shall include pedestrian refuge islands, concrete sidewalk, concrete ramps, pedestrian signage and beacons, and relocation of existing stop and yield signage.
2. Concrete ramps with elevated domes shall be placed at every intersection.
3. Curb and gutter quantities shall include cost of saw cutting the existing road to place concrete curb and gutter to construct pedestrian refuge islands. Dimension of the refuges are a minimum of 8' wide and 15' long
4. Concrete sidewalk placement shall consist of 6' wide, 4" thick concrete sidewalk placed within the pedestrian refuge
5. Pedestrian beacons (walk/don't walk) will be placed at every intersection.
6. Signage shall be placed at every intersection
7. Coolidge and Maple Road include two crossings. The existing median, shall be considered the pedestrian refuge

City of Troy Trails and Pathway Master Plan

Preliminary Estimate - October 2009

PRIORITY BIKE ROUTES - SHARED USE PATHS

	Length (miles)
Northwest Loop and Spur Complete	
Fire Fighter's Park (South Blvd to FF Park)	2.20
Square Lake Road (FF Park to Coolidge Hwy)	1.30
Sylvan Glen Golf Course (FF Park to Sylvan Golf Course)	4.74
North and South Wattles (Sylvan Golf Course to Troywood Dr)	2.04
Wattles I -75 (Virgilia Dr to 3 Oaks Dr)	0.52
Boulan Park (Troywood Dr to Northfield Dr)	2.00
Northfield Parkway (Square Lake Rd to Boulan Park Middle School)	2.24
Northeast Loop and Spur Complete	
Gibson Drain crossing east of Rochester Road (Sylvan Golf Course to Willow Grove Drive)	1.01
Gibson Drain at Jaycee Park (Willow Grove Drive to Jaycee Park)	1.01
East of John R Road (Jaycee Park to Forge Dr)	1.65
Along Wattles Road and South To Big Beaver Trail Park (Raintree Park to Troywood Dr)	1.75
Barnard Elementary (Forge Dr to Raintree Park)	0.9
South Loop and Spur Complete	
Spencer Drain Crossing (Barnard Elementary to Milverton Rd)	2.03
John R Road in Stephenson Highway (14Mile/Stephenson Hwy to Milverton)	1.92
Robinswood Park (Golfview Drive to 14 Mile Rd)	5.79
Schroeder Park and Elementary School (Boulan Park to Cedar Ridge Dr)	1.94
	Item
NW	Fire Fighter's Park Square Lake Road Sylvan Glen Golf Course North and South Wattles Wattles I -75 Boulan Park Northfield Parkway
NE	Gibson Drain crossing east of Rochester Road Gibson Drain at Jaycee Park East of John R Road Along Wattles Road and South To Big Beaver Trail Park Barnard Elementary
S	Spencer Drain Crossing John R Road in Stephenson Highway Robinswood Park Schroeder Park and Elementary School
	Ramps, Complete

City of Troy Trails and Pathway Master Plan

Preliminary Estimate - October 2009

	Item
<p>NW Fire Fighter's Park Square Lake Road Sylvan Glen Golf Course North and South Wattles Wattles I -75 Boulan Park Northfield Parkway</p> <p>NE Gibson Drain crossing east of Rochester Road Gibson Drain at Jaycee Park East of John R Road Along Wattles Road and South To Big Beaver Trail Park Barnhard Elementary</p> <p>S Spencer Drain Crossing John R Road in Stephenson Highway Robinswood Park Schroeder Park and Elementary School</p>	Concrete Sidewalk
<p>NW Fire Fighter's Park Square Lake Road Sylvan Glen Golf Course North and South Wattles Wattles I -75 Boulan Park Northfield Parkway</p> <p>NE Gibson Drain crossing east of Rochester Road Gibson Drain at Jaycee Park East of John R Road Along Wattles Road and South To Big Beaver Trail Park Barnhard Elementary</p> <p>S Spencer Drain Crossing John R Road in Stephenson Highway Robinswood Park Maple Road</p>	Signage
<p>NW</p> <p>NE</p> <p>S</p>	Traffic Calming

City of Troy Trails and Pathway Master Plan

Preliminary Estimate - October 2009

Assumptions

1. Concrete sidewalks are generally located along all bike route paths. Sidewalks where shared use path are indicated, shall be widened to 10 to fill small gaps and strengthen ramp connections. Approximately 5% of the length of the pathway is estimated for sidewalk
2. Ramps shall be placed at all trail crossings, approximately 10 ramps per mile
3. Wayfinding signage shall be placed one on each side of the road, every mile. Signage shall include sign, post and foundation
4. Traffic calming such as traffic circles, refuges and bicycle boulevards shall be estimated, one for every three miles. It is estimated that a traf. each and shall include concrete curb and gutter, intersection reconstruction, signage and plantings
5. Square footage for Northfield Parkway is higher, due its designation of a shared use path (10' width)