

ADOPTED BUDGET

# QUALITY OF LIFE

CITY OF TROY | 2017/2018

# Budget



MICHIGAN

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# Manager's Message

Dear Mayor and  
City Council  
Members:

What does our story become when our priorities are set not by a few, but determined through the collective?

The steps we will take this year to improve the quality of life in Troy were determined by the voices of those who work for and within our community every day.

That message and this budget reaffirm our commitment that we want everyone to choose Troy as their community for life. We have listened to the diverse voices of residents and leaders and are here to answer.





## Thus, it is my pleasure, in accordance with the City Charter, to present to you the 2018-2020 City Budget.

This budget document stands atop our sound financial bedrock with the forward-thinking principles of a three-year budget, organizationally set strategic priorities, directed financial decisions focused on results, and true partnerships with our stakeholders. Budget priorities arise from the discussions at the annual retreat, which this year was attended by staff, City Council, and the Planning Commission.

This vital annual convening was supplemented by City Council study sessions held throughout the year. This year's study sessions included:

1. Joint City Council, Planning Commission, and Downtown Development Authority meeting for a presentation on the Troy Town Center Redevelopment Project
2. Discussion of transportation alternatives on Big Beaver Road
3. Joint City Council and Troy School Board special meeting
4. Joint City Council and Troy Chamber of Commerce Special Meeting
5. Additional joint City Council and Planning Commission meeting on the Troy Town Center Redevelopment Project

City administration pursues a policy of inclusion. Our investments in this budget comes from a continual spirit of engagement with City Council, staff, the Financial Ideas Team, and various partners. Our financial strategy incorporates analysis, benchmarking, and long-term projections. This spending plan continues to meet these standards and the result is a balanced approach towards allocating our resources.

We are proud to continue to highlight our AAA bond rating and strong financial standing in Oakland County and the State of Michigan. Troy maintains its AAA bond rating as rated by Standard and Poor's Municipal Bond Rating Analysis. Troy receives this rating under a three-year rolling budget that incorporates a five-year outlook. The city's overall financial profile and financial management practices remain very strong and indicate that these practices are well embedded and sustainable.

In 2018 total General Fund revenues are budgeted at \$58.9 million, an uptick of \$2.0 million or 3.45% over the previous year. This modest increase can primarily be attributed to state shared revenues, transfers, and tax revenues. The General Fund's main source of revenue, tax revenue, increased by \$736,000 or 2.4% totally out to \$31.7 million.

Current state legislation, Proposal A and the Headlee Amendment, continue to mandate that taxable value can only increase the rate of inflation or 5%, whichever is less. So although residential assessed values have seen significant increases and commercial assessed values have stabilized, the combination creates an environment of basic property tax revenue stagnation.



When this minimalist increase is coupled with a \$4.6 billion total tax base, essentially there is no growth. Additionally, the phase in of the manufacturing personal property tax exemption has impacted the overall tax base.

Expenditures, both operating and transfers out, are budgeted at \$60.5 million. This is a decrease of \$2.3 million from prior the year. In 2017, the elevated expenditures were attributed to increased transfers to the Capital Projects Fund such as

- \$1.8 million in carry forward funds for Fire Station#4
- \$1.6 million for local roads
- \$1.0 million for major roads, and an additional,

The proposed General Fund budget has no proposed Capital Projects Fund contributions.

Adjustments in staffing aid the quality of life for both current employees and the residents who receive elevated service levels. In 2018, a \$1.3 million budget increase in personal services will provide staff an average wage increase of 1.5% and the community six new Police Officers, a new Facility Manager, two new Library Technical Services Supervisors, and one new Recreation Supervisor specializing in senior programming.

The City of Troy continues to practice conservative budgeting management that falls within the established General Fund Balance Policy. The policy states that the General Fund must maintain a minimum unassigned fund balance at a level of 20% to 30% of annual expenditures. The fund balance policy guides us in fiscal decision-making while providing stability and flexibility to respond to unexpected opportunities or economic adversity. Fund balance is used to cover the cost of one time, capital expenditures. The 2018 fund balance honors the policy by projecting 24.8% unassigned fund balance as a percentage of operating expense.

As we prioritize our needs against available resources, we are naturally inclined to innovate. Successes are found when we collectively rise to the challenge and target attention toward improvement.



# Retreat

Quality of Life







Our focus on quality of life kicked into full gear at the annual retreat on February 25th. While condensed into a single day, the staff, City Council, and Planning Commission were invited to spotlight our most important annual output, the ten strategies.

The annual strategies continue to be the driving force for the leadership team and City Council throughout the year. Our new initiatives and continued successes often find links back to the current or prior year's top strategies or foundation in the city's Why Statement:

“We believe a strong community embraces diversity, promotes innovation, and encourages collaboration. We strive to lead by example within the region. We do this because we want everyone to choose Troy as their community for life. We believe in doing government the best.”

Listening and adapting to feedback, city management reserved five categories as “carryover strategies” that would automatically be included in the final 2017 strategies list due to their continued importance and multi-year needs. These five topics were excluded from discussion during the retreat so that attention would be given to those innovative ideas that truly came from within. The remaining five strategies were therefore born out of attendees Pit Projects. These Pit Projects, or Pits, are not so easily defined as a single thing!

A Pit might have been a new funding project, city-wide initiative, or internal improvement. It was a project one is passionate about and that he or she believed would make the City of Troy a better community possessing a higher quality of life.

This is the fifth consecutive budget year that we have established top strategies to guide our priorities. But this is the first year our final strategies reflect the true collective voice of those who attended our retreat. Following multiple stages of voting we identified ten strategies that best outline our vision moving forward. These are the ten strategies that we will accomplish as adopted by City Council:

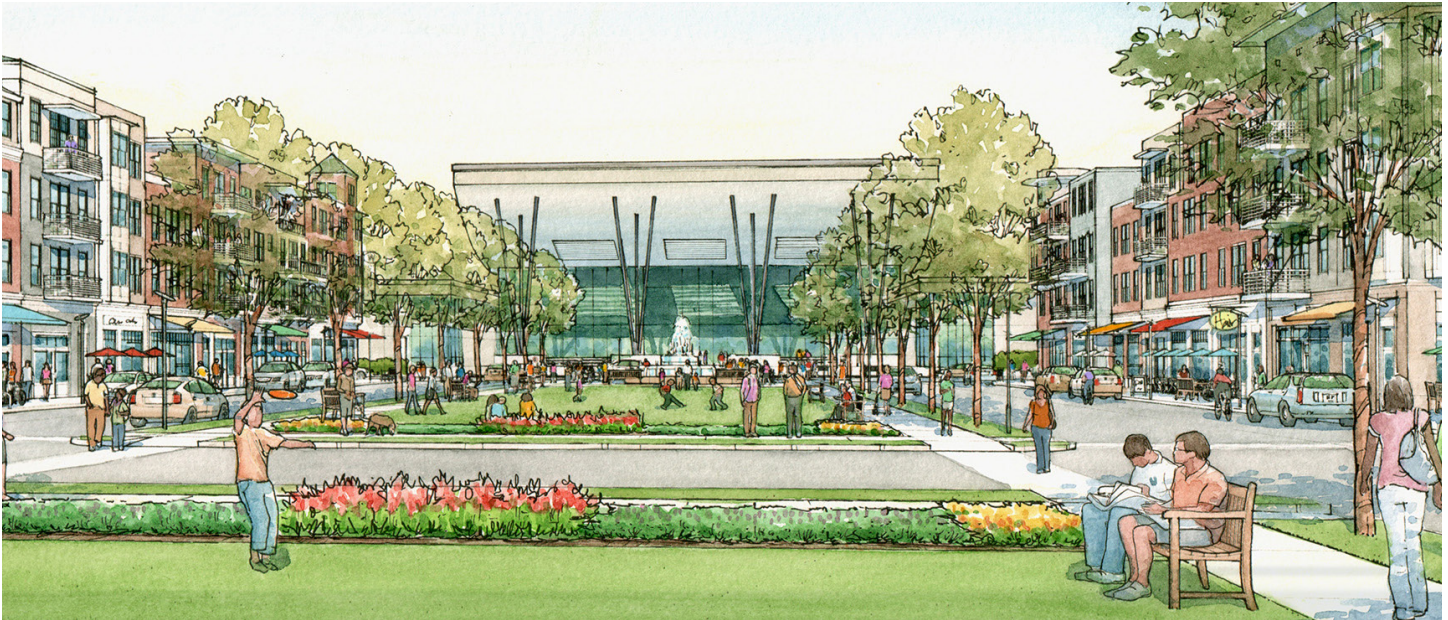
1. Refine expanded mobility options and install enhanced bus stop amenities within the Big Beaver Corridor
2. Review city ordinances and policies and explore the need for new ordinances
3. Cooperate with the region by offering single stream recycling convenience
4. Bolster the Global Troy Advisory Committee mission through partnership with the Troy Family Daze celebration
5. Select a master developer for the development of the Town Center Master Plan
6. Host a farmer's market
7. Beautify key city entryways utilizing new brand guidelines
8. Infuse creativity through public art to strengthen community development and engagement
9. Identify neighborhood node segments for continued Trail and Pathway connectivity
10. Reestablish senior programming and classes at Troy Recreation with elevated staff service





# Strategies





The first five strategies encompass previous strategic goals of the organization. These carryover strategies were identified by the management team as automatic priorities for the upcoming year. These strategies are all part of multi-faceted plans that have measurable benchmarks for growth.

Our commitment to Move Across Troy and mobility in the Big Beaver corridor is reaffirmed in strategy one as both the scope and support for this project grow. This fiscal year we have allocated \$870,000 to refine expanded mobility options and install enhanced bus stop amenities in the Big Beaver corridor. As we evaluate the Big Beaver Shuttle route and solidify destination stops, we will partner with SMART to identify and place appropriate conveniences. The enhanced pedestrian crosswalk at Automation Alley will come to fruition with substituted public art pieces that complete our holistic approach to this busy thoroughfare. This model will connect the businesses, retail, and restaurant clients in the “Golden Corridor” like never before!

Financial and environmental efficiency policy is an established best practice in our organizational culture. Our commitment this year is to extend that policy to the residents of Troy in strategy three, cooperate with the region by offering single stream recycling convenience. As a member of the regional cooperative SOCRRA, or the Southeastern Oakland County Resource Recovery Authority, we will contribute \$330,000 to convert our shared facility and assets to accommodate this modernization. This will be accomplished with zero increase in the refuse millage rate. Additionally, each resident will be provided a larger recycling receptacle at no cost to them.

Our fifth strategy addresses the next step in our long envisioned plan to turn the civic center property into a vibrant town center with a combination of public, residential and retail spaces. This carryover strategy is a much discussed priority, and in 2018 \$25,000 will be used to sustain the project’s momentum to select a master developer for the redevelopment of the Town Center Master Plan.

The sixth strategy is the first funding priority to emerge with our collective retreat voice. \$50,000 has been allocated to host a farmer’s market. The trendy vibrancy of an outdoor market which honors the roots of our past won easy favor with those in attendance at our annual retreat. While our dedicated community affairs team analyzes what defines success in this strategy, community engagement and responsible planning we direct the final outcome.

In 2016 we said City Hall is the face of our community and the website is our digital front door. Strategy seven, the second Pit strategy to solidify, is the logical progression of this ideology. To beautify key city entryways utilizing new brand guidelines is a \$150,000 commitment in the upcoming financial year. Collaboration between the marketing team and the Department of Public Works will result in a striking, yet artful, improvement on our border delineations.



Phase one is the scenic beginning to the trail and pathway at the Troy Dog Park and is nearing completion! While this phase was low-impact, high-reward for surrounding neighbors, staff is not naive to the challenges for extension that lie ahead. \$750,000 has been budgeted to continue the Trail and Pathway project.

The tenth strategy with specific budgetary funding was overwhelmingly favored by retreat attendees. In an effort to invest in our valued senior population, \$152,000 is set aside to reestablish senior programming and classes at Troy Recreation with elevated staff service. This strategy includes one new full-time staff member dedicated solely to senior needs; expansions in existing program support such as Medi-Go funding, travel programs, and senior dances and dinners; and finally, new programs to enhance traditional quality of life standards such as fitness classes, monthly speaker series, and multi-generational bonding events. Sacrifices across demographics were made in year's past but Troy is ready to give back to the seniors that have invested in us.

The remaining three strategies – review city ordinances and policies and explore the need for new ordinances, bolster the Global Troy Advisory Committee mission through the partnership with the Troy Family Daze celebration, and infuse creativity through public art to strengthen community development and engagement – contain both new and continued strategic goals. Staff will continue to partner with our boards, committees, and expert consultants to remove antiquated policy that burden progress.

Additionally, management will continue to refine processes to ensure integrity and transparency as the organizational standard. The Troy Family Daze celebration represents one aspect of the Global Troy Advisory Committee's overall mission of completing, adopting and implementing a diversity, equity, and inclusion (DEI) plan for Troy that will be accomplished in the upcoming calendar year. Finally, by pursuing grants, public-private partnerships, and other creative avenues for implementation, the incorporation of art in public realms will be the benchmark.





The 2018 budget process for developing the three-year spending plan is reinforced by our 2017 Strategies. We identified the strategies that address the shared beliefs of the City Council, Planning Commission, and staff. The resulting ten strategies are representative initiatives with measurable results that will best serve our residents.

I would like to thank the staff of our entire organization for thoroughly reviewing their operations and dedicating time to create this responsible financial plan. I want to thank Finance Services Director Thomas Darling for compiling this comprehensive budget document.

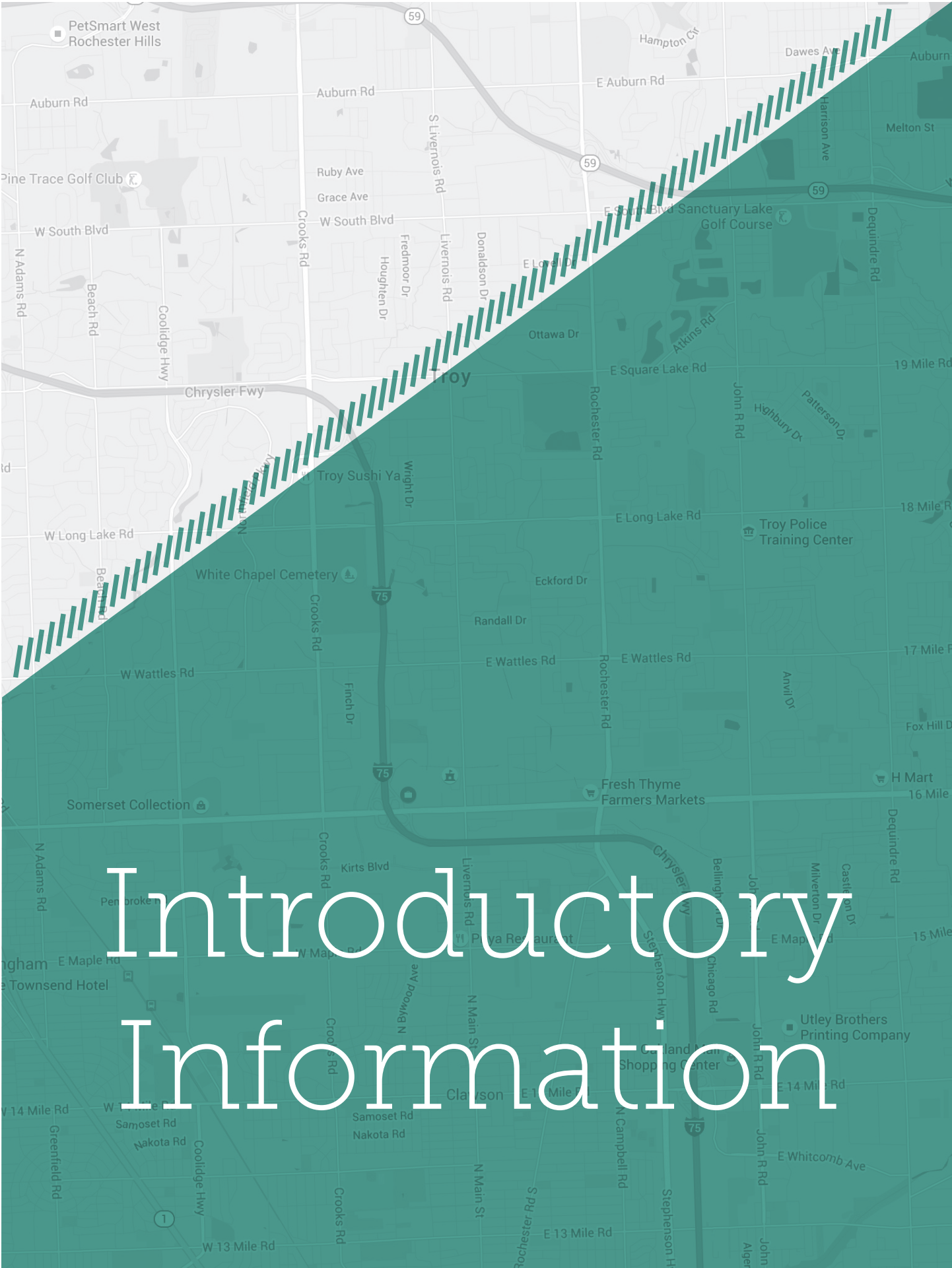
Special thanks to Office Coordinator Beth Tashnick, Marketing Coordinator Stephanie Fleischer, Management Assistant Eleanor Yoon, and Management Analyst Maggie Hughes for their continued oversight and production of the budget.

I would also like to thank the community residents of the Financial Ideas Team for donating their time and providing valuable insight into our budget proposal.

Finally, I wish to thank the Mayor and City Council Members for their guidance and assistance in supporting the full budgeting process that began at the 2017 Retreat. I am confident that together we will continue to build Troy as a community for life.

Respectfully submitted,

Brian Kischnick,  
City Manager



# Introductory Information

**Elected Officials and Executive Management**

**City Council**

- *Mayor*..... Dane M. Slater
- *Mayor Pro Tem*..... Ellen Hodorek
- *Council Member*..... Dave Henderson
- *Council Member*..... Ed Pennington
- *Council Member*..... Edna Abraham
- *Council Member*..... Ethan Baker
- *Council Member*..... Paul McCown

**Executive Management**

- *City Manager*..... Brian M. Kischnick
- *City Attorney*..... Lori Grigg Bluhm
- *Director of Economic and Community Development*..... Mark F. Miller
- *Director of Financial Services*..... Thomas E. Darling, CPA

## Senior Staff

- *City Manager*
- *City Attorney*
- *Director of Economic and Community Development*
- *Director of Financial Services*
- *City Assessor*
- *City Clerk*
- *City Engineer*
- *City Treasurer*
- *City Accounting*
- *Community Affairs Director*
- *Director of Building Operations*
- *Fire Chief*
- *Human Resources Director*
- *Information Technology Director*
- *Library Director*
- *Recreation Director*
- *Planning Director*
- *Police Chief*
- *Public Works Director*
- *Purchasing Director*

**Brian M. Kischnick**  
**Lori Grigg Bluhm**  
**Mark F. Miller**  
**Thomas Darling, CPA**  
**Leger (Nino) Licari**  
**Aileen Dickson**  
**Steven J. Vandette**  
**Sandra Kasperek**  
**Lisa Burnham**  
**Cindy Stewart**  
**Steve Pallotta**  
**Dave Roberts**  
**Jeanette Menig**  
**Gert Paraskevin**  
**Cathleen A. Russ**  
**Elaine S. Bo**  
**R. Brent Savidant**  
**Gary G. Mayer**  
**Kurt Bovensiep**  
**MaryBeth Murz**

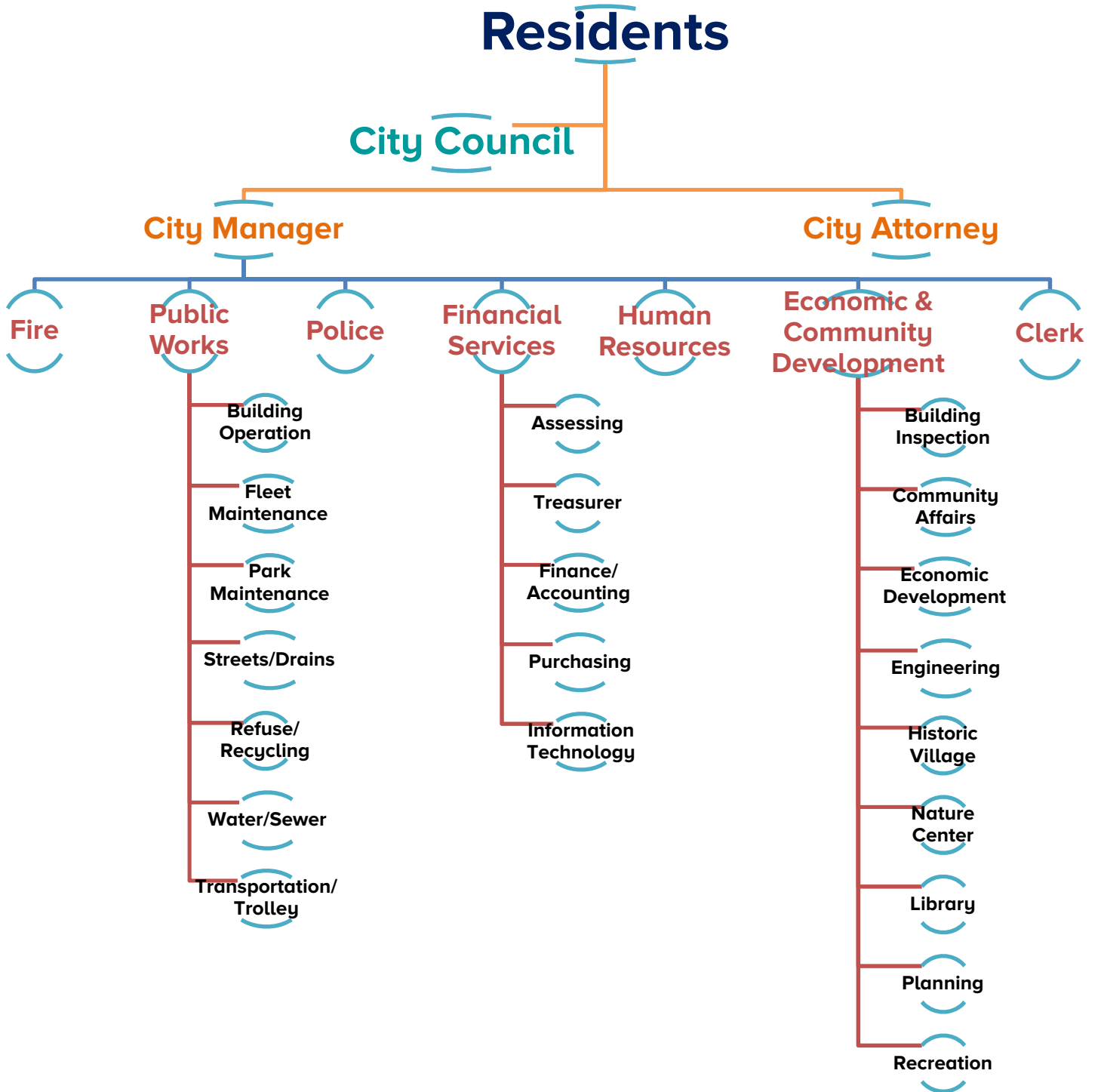
### City Seal

The figure represented on the official seal of the City of Troy is that of Athena, mythological Greek goddess of wisdom. Athena was known as the dispenser of prudent restraint and practical insight, maintainer of law. Her association with civilization and society rather than wilderness and nature earned her reverence as the protectress of Greek cities. Athena's ethical standards and precepts remain worthy today, making her an appropriate symbol for the modern City of Troy and a model for all who live, work, or play here.





# Organizational Chart



**Fact Sheet****2017/18 Budget At A Glance**

Total City revenues (before transfers in) are budgeted at \$132.1 million. This shows a modest increase of \$0.9 million or 0.6% over estimated fiscal 2017 amounts.. Total tax revenues of \$49.6 million are up \$1.4 million or 2.9% due to increases in taxable values for residential, commercial and industrial real property. Grants, including State Shared Revenue of \$16.7 million increased \$656 thousand or 3.9% primarily through expected gas and weight revenues from the state for major and local road funding. Charges for services are budgeted at \$48.4 million. This is down \$374 thousand from estimated 2017 amounts primarily due to water and sanitary sewer sales based on a normal season (2017 was an exceptional year for water and sanitary sewer sales). Interest and rents are budgeted at \$6.1 million for a \$309 thousand or 5.3% increase due to expected favorable interest rate returns. Other revenues of \$6.8 million are expected to decrease \$614 thousand due to a decrease in capital contributions from developers. Operating transfers in represent reimbursements from other funds for costs incurred on their behalf.

The total City budget for expenditures (before transfers out) of \$144.3 million is relatively flat compared to the 2017 budget and an increase of \$9.2 million or 6.4% compared to 2017 estimates. Expenditures can be further defined by "Operating" costs and "Capital and Debt" related costs. The City's budgeted operating costs are \$115.1 million and are up \$5.0 million or 4.3% from the prior year budget. This increase is primarily in personal services (\$1.7 million) and other services charges (\$3.1 million). Capital and debt expenditures of \$28.7 million represent a decrease of \$4.5 million or 1.3% and is primarily associated with significant completion of major capital projects in streets and fire station #4. Operating transfers out represent reimbursements to other funds for costs incurred on their behalf.

The City created nine new full-time employee positions. The nine new positions include six Police Officers, a Facility/Grounds Manager, a Recreation Supervisor for Senior Programs and a Library Technical Services Supervisor. In addition, an overall 1.5% increase in wages and 3% increase in healthcare costs account for the increase in personal services.

Other service charges include the cost of water and sanitary sewer services. The City purchases water from the Great Lakes Water Authority (GLWA) and sanitary sewer services from the Oakland County Water Resource Commission (OCWRC). Water costs have increased approximately \$420 thousand or 3.1% and sanitary sewer services increased \$750 thousand or 7.7%. The increased costs were incurred primarily from a rate change directly by the providers. The water costs are approximately 60% fixed cost in nature while the sanitary sewer costs are 100% fixed costs. The City charges residents and businesses on a rate per volume consumed platform. Accordingly, volume sales have a minor impact on City costs but is a major consideration in adjusting fees charged by the City to consumers to generate offsetting income. The City has introduced new rates to consumers to offset the increased costs from the providers.

Capital Outlay totals \$24.4 million and although less than the prior year budgeted amounts, includes a significant investment in the City's infrastructure. This includes \$10.2 million in major and local street projects, \$2.9 million in building improvements including the completion of fire station #4 and the Niles Barnard House Restoration, \$2.6 million in land improvements including \$900 thousand for irrigation at Sylvan Glen Golf Course and \$750 thousand for trails and pathways. Investment in the water and sanitary sewer systems total \$4.7 million.

## Community Profile

Troy is a vibrant community with a strong sense of civic pride and dedicated community leaders, rich in cultural diversity, community wellness, and economic vitality.

Since its incorporation on June 13, 1955 Troy has been governed by a 7-member City Council, including a Mayor, all of which serve 4-year terms. Under the Council-Manager form of government, Mayor and City Council appoint 2 officials: the City Manager and the City Attorney.

The City Manager appoints five additional administrative officials including the City Clerk, Treasurer, Assessor, Police and Fire Chiefs subject to City Council confirmation. In addition, the City Manager appoints all Department Directors.

The 2016 estimated population for Troy is 83,181 according to the Southeast Michigan Council of Governments (SEMCOG), which compares to 80,980 from the 2010 census. In terms of population, Troy is the 11th largest city in Michigan and its total property value is the third highest in the state.

Troy is a full-service community with public transportation provided by a regional authority.

The City of Troy currently maintains 17 developed park sites, 8 of which are major parks. City parks provide a variety of recreational opportunities from baseball diamonds to miles of developed walking; jogging; and bicycle riding pathways. Troy has 1000 acres of parkland (active and passive). Additionally, the total acreage of City and private parks, including two golf courses, is 1,446.

Troy has received awards from various professional associations and municipal services organizations for innovative approaches to service delivery and quality improvements.

Troy enjoys a solid reputation for municipal planning and growth management. Its development of a new comprehensive master land use plan and corridor studies will guide development of the Big Beaver corridor, other business corridors and high quality mixed residential development as the community's most significant focal points.

The strong commercial and industrial business environment is a mix of service, product and technological employers. This impressive mix of business opportunities has allowed Troy to maintain low unemployment rates. Principal employers include:

- √ Beaumont Hospital - Troy
- √ Flagstar Bank
- √ Kelly Services
- √ Troy School District
- √ United Shore Financial Services
- √ Magna
- √ Suburban Collection
- √ Meritor
- √ Altair
- √ Delphi

Troy also enjoys a wide variety of fine restaurants, churches and retail shops. The City occupies 34.3 square miles, and over 98% of its land is developed.

## CITY OF TROY

# 2017 STRATEGIES

*We believe a strong community embraces diversity, promotes innovation, and encourages collaboration.*

*We strive to lead by example within the region.*

*We do this because we want everyone to choose Troy as their community for life.*

*We believe in doing government the best.*

- 1** Refine expanded mobility options and install enhanced bus stop amenities within the Big Beaver Corridor
- 2** Review city ordinances and policies and explore the need for new ordinances
- 3** Cooperate with the region by offering single stream recycling convenience
- 4** Bolster the Global Troy Advisory Committee mission through partnership with the Troy Family Daze celebration
- 5** Select a master developer for the development of the Town Center Master Plan
- 6** Host a farmer's market
- 7** Beautify key city entryways utilizing new brand guidelines
- 8** Infuse creativity through public art to strengthen community development and engagement
- 9** Identify neighborhood node segments for continued Trail and Pathway connectivity
- 10** Reestablish senior programming and classes at Troy Recreation with elevated staff service

**Budget Policies**

In recent years, changing conditions and fiscal capacities combined with the demand for increased services have forced a reassessment of the role played by local governmental units.

Public officials are charged with the responsibility of ensuring that services are provided within acceptable levels of cost and, when required, seeking alternative methods of financing.

The budgetary process allows for accumulation of financial and performance information relative to these services. It provides the opportunity to analyze and debate the merits of each service as well as to make decisions about the level and cost of the services to be provided.

This budget continues the conservative spending approach that residents of Troy expect from City government. This document also assists our efforts to make the operations of the City more efficient, less costly, and more importantly, to target available resources to functions according to City Council priority rating.

**FINANCIAL POLICIES**

The City of Troy’s financial policies set forth basic tenets for overall fiscal management of the City. These policies provide a framework of decision making for City Council and Administration. They should enforce any policy choice, regardless of changing circumstances and conditions.

These policies provide guidelines for evaluating current activities as well as proposals for future programs.

- ✓ The budget process involves personnel and management areas of long-term importance: Provide a safe, clean and livable city; provide effective and efficient local government; build a sense of community and attract and retain business investment.
- ✓ Expansion of existing service programs or addition of a new service program is only considered in the proposed budget when a revenue source can support all of the ongoing cost, or when the requesting department can identify an existing service which can be reduced or eliminated. Programs financed with grant money shall be budgeted in special funds and, when grant revenues are reduced or eliminated, the service program shall be adjusted accordingly.
- ✓ The City maintains a budgetary control system to ensure adherence to the budget and prepare monthly reports comparing actual revenues and expenditures to budgeted amounts. The City reports its financial performance quarterly.
- ✓ The City monitors departmental expenditures on a monthly basis to ensure conformity to budgets.
- ✓ The City stresses results, integrating performance measurement and productivity indicators with the budget.
- ✓ The City avoids budgetary practices or procedures that balance current period expenditures at the expense of future years’ revenues.
- ✓ The budget provides for adequate maintenance of capital facilities and equipment, and for their orderly replacement.

## Budget Policies

- ✓ The budget provides for adequate levels of funding for all retirement systems and other postemployment benefits.
- ✓ The City develops and maintains accounting and budgetary control systems to adequately safeguard the assets held in public trust.
- ✓ The operating and capital budgets fully describe the major goals to be achieved and the services and programs to be delivered based upon the levels of funding anticipated or provided.
- ✓ The City finances essential City services that have a City-wide benefit in the budget from revenue sources which are generated from a broad base, i.e. property taxes, state revenue sharing, assessments, and fees.
- ✓ The City seeks to minimize the impact in use of property tax financing by seeking alternative financing for City services that focus on user fees for responsive services, and upgrading and enhancing the property tax base.
- ✓ Special assessment financing formulas and user-fee rate structures accurately charge the cost of service provided to the benefiting property owners and customers served while being sensitive to the needs of low-income people.
- ✓ The definition of a balanced budget includes one in which estimated revenues plus prior year accumulated reserves are equal to or greater than estimated expenditures.

### REVENUE POLICIES

- ✓ The City makes every attempt to maintain a diversified and stable revenue base to shelter it from short- or long-term fluctuations in any one revenue source.
- ✓ The City projects its annual revenues by an objective and thorough analytical process.
- ✓ The City maintains sound appraisal procedures and practices to reflect current property values.
- ✓ The City establishes user charges and sets fees for services for its enterprise funds at a level that fully supports the total direct and indirect costs of the activities. Indirect costs include the recognition of annualized depreciation of capital assets. Cash flow requirements to adequately defray bond retirement and capital outlay are primary determinants in the development of user charges.
- ✓ The City follows an aggressive policy of collecting revenues.
- ✓ The City reviews fees/charges annually and design or modify revenue systems to include provisions that automatically allow charges to grow at a rate that keeps pace with the cost of providing the service.

## Budget Policies

### RESERVE POLICIES

- ✓ The City accounts for reserves in accordance with *Governmental Accounting Standards Board (GASB ) No. 54*. City policy calls for a range of General Fund unassigned fund balance between 20% to 30%. A financial plan is required should the General Fund unassigned fund balance fall outside of this range.

### ACCOUNTING, AUDITING, AND FINANCIAL REPORTING POLICIES

- ✓ An independent audit is performed annually.
- ✓ The City produces comprehensive annual financial reports in accordance with Generally Accepted Accounting Principles (GAAP), the body of accounting and financial reporting standards, conventions, and practices that have authoritative support from standard setting bodies such as the Governmental Accounting Standards Board (GASB).

### INVESTMENT POLICIES

- ✓ The City conducts a cash-flow analysis of all funds on a regular basis. Disbursement, collection, and deposit of all funds is scheduled to insure maximum investment capabilities.
- ✓ When permitted by law, the City pools cash from several different funds for investment purposes to maximize potential earnings.
- ✓ The City analyzes market conditions and potential investments to maximize its yield, while maintaining the integrity, diversification, and safety of the principal.

- ✓ The City's accounting system provides regular information concerning cash position and investment performance.

### DEBT POLICIES

- ✓ The City confines long-term borrowing to capital improvements or projects that cannot be financed from current revenues, and where the issuance of long-term debt is required, pays back the bonds within a period not to exceed the expected useful life of the project.
- ✓ The City attempts to keep the average maturity of general obligation bonds at or below 20 years.
- ✓ When possible, the City uses special assessment, revenue, tax increment, or other self-supporting bonds.
- ✓ The City does not incur long-term debt to support current operations.
- ✓ The City maintains a sound relationship with all bond rating agencies and keeps them informed about our current capital projects.

### CAPITAL IMPROVEMENT BUDGET POLICIES

- ✓ Capital investments foster Troy's goal of providing a safe, clean and livable city.
- ✓ The City attempts to maintain all its assets at a level adequate to protect the City's capital investment and to minimize future maintenance and replacement costs



## Budget Policies

- ✓ The City maintains the fiscal integrity of its operating debt service and capital improvement budgets in order to provide services, and construct and maintain public facilities, streets, and utilities.
- ✓ The City implements a multi-year plan for capital improvements with proposed funding sources, and updates it annually.
- ✓ The City makes all capital improvements in accordance with an adopted capital acquisition program.
- ✓ The City coordinates decision-making for the capital improvement budget with the operating budget to make effective use of the City's limited resources for operating and maintaining existing services and facilities.
- ✓ The City uses inter-governmental assistance to finance only those capital improvements that are consistent with the adopted capital improvement plan, City priorities, and for which operating and maintenance costs have been included in the operating budget.
- ✓ The City maintains a responsible and prudent fiscal condition to minimize long-term interest expense when financing capital improvements.
- ✓ Capital investments are enhanced when there is the ability to leverage City assets.
- ✓ The capital dollar threshold has been established at \$10,000 with the exception of federally funded projects (\$5,000).

### BUDGET PROCESS

- ✓ Study Sessions with City Council to gain direction, priority and public feedback.
- ✓ Focus Group meetings are organized to solicit community recommendations and feedback. This includes a Financial Ideas Team "FIT" and other stakeholder groups.
- ✓ Budget worksheets received from departments incorporating direction and goals.
- ✓ Department budget worksheets compiled, analyzed and refined to meet proposed direction and goals.
- ✓ Per City Charter, City Manager submits to City Council proposed budget for fiscal year commencing July 1 on or before the third Monday in April.
- ✓ Budget workshop with City Council to review proposed budget and make any directed modifications.
- ✓ Per City Charter a Public Hearing shall be held prior to adoption of budget to obtain public comments.
- ✓ The budget shall be adopted on or before the third Monday in May.
- ✓ The City Manager is authorized to transfer budgeted amounts within budgetary functions however, any revisions that alter the total expenditure of any budgetary function must be approved by a majority of the members elect of the City Council.

## Budget Calendar

### July

Begin preparing updated Capital Improvements Plan (CIP)  
 Begin monitoring budget performance  
 Approved 2016/17 budget document distributed at the first City Council meeting in July

### November

Quarterly financial performance report prepared

### December

Prior year's annual audit released  
 Director of Financial Services prepares personnel costs and operating cost targets for proposed budget  
 Distribute operating budget manual and revenue worksheets

### January

Preparation of the water supply and sewerage disposal system rate analysis  
 Revenue worksheets due from all departments

### February

Operating budget worksheets due from departments  
 2017/18 revenue forecast prepared by City management  
 City management analyzes department budget requests  
 Capital budget unit (CBU) develops Capital requests and presents the CBU's Capital improvement report to the City Manager  
 Quarterly financial performance report prepared  
 Director of Financial Services prepares proposed budget document

### March

City Manager's final Capital recommendations are reported to all offices and included in the proposed budget  
 Three year budget update and revisions  
 Focus Group study sessions

**Budget Calendar****April**

City Manager makes final proposed budget recommendations

Proposed budget document presented to the City Council Thursday, April 13, 2017  
City Council workshops: Budget review, questions, and adjustments, Monday April 17, 2017  
and Thursday, April 22, 2017

**May**

Budget notice is published in local newspapers  
City Manager prepares approved 2017/18 Three Year Budget document incorporating City  
Council adjustments  
Quarterly financial performance report prepared  
Public hearing for budget, Monday, May 8, 2017

City Council adopts taxation resolution and appropriations ordinance, Monday, May 8, 2017

**June**

Director of Financial Services prepares final current year budget amendment



# Trends & Summaries

### Millage Rates for Troy Residents and Businesses

Taxing Entity	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	Proposed 2017/18
<b>Tax Rate Shown in Mills</b>								
Troy School District	9.74	9.74	10.51	10.07	10.07	9.69	10.10	10.10
Oakland County Gov.	4.65	4.65	4.65	4.65	4.65	4.55	4.49	4.49
O.C. Comm. College	1.58	1.58	1.58	1.58	1.58	1.58	1.57	1.57
Intermediate School Dist.	3.37	3.37	3.37	3.37	3.37	3.36	3.34	3.34
S.M.A.R.T.	0.59	0.59	0.59	0.59	0.59	1.00	0.99	0.99
State Education	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
Zoo	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
O.C. Art Institute	-	-	-	0.20	0.20	0.20	0.20	0.20
<b>City of Troy</b>	<b>9.40</b>	<b>10.19</b>	<b>10.48</b>	<b>10.52</b>	<b>10.50</b>	<b>10.50</b>	<b>10.40</b>	<b>10.36</b>
<b>Total - Millage Rates</b>	<b>35.43</b>	<b>36.22</b>	<b>37.28</b>	<b>37.08</b>	<b>37.06</b>	<b>36.98</b>	<b>37.19</b>	<b>37.15</b>

Millage rates are estimated for other taxing jurisdictions.

Average Residential Taxable Value	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
	102,490	96,775	97,742	99,172	102,190	105,888	108,371	114,222

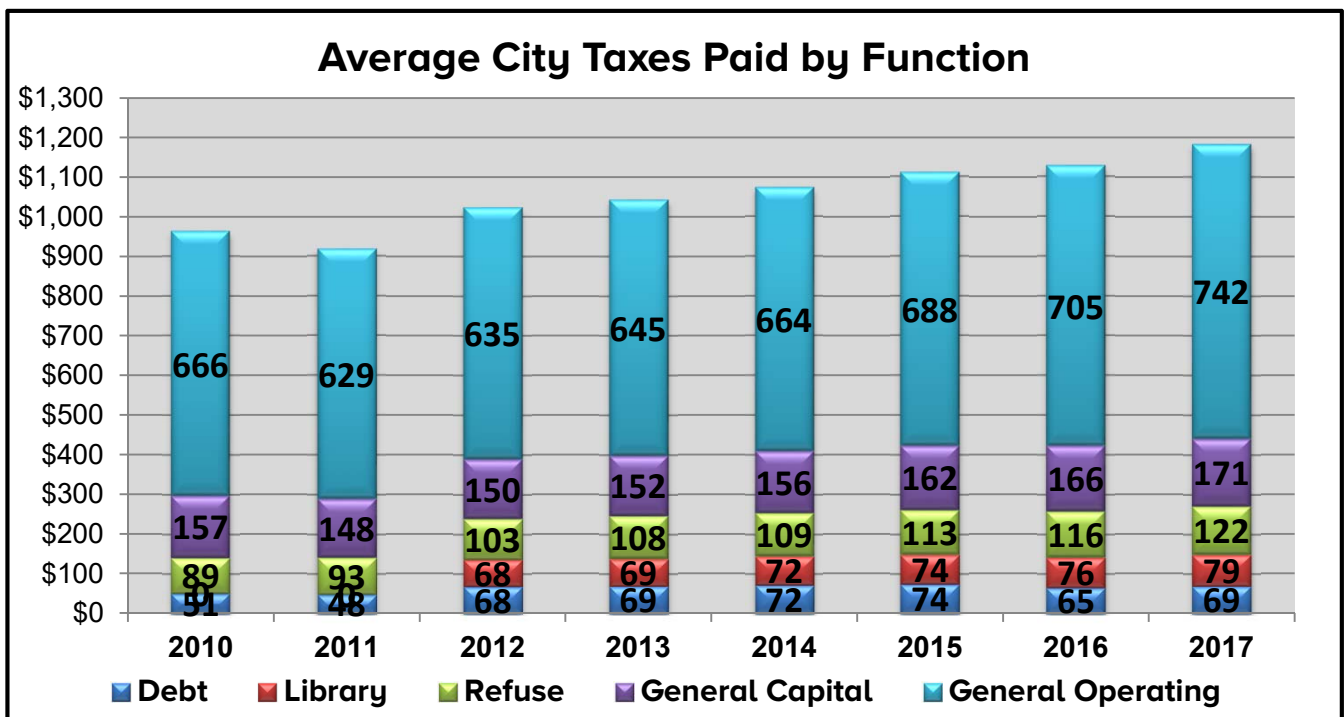
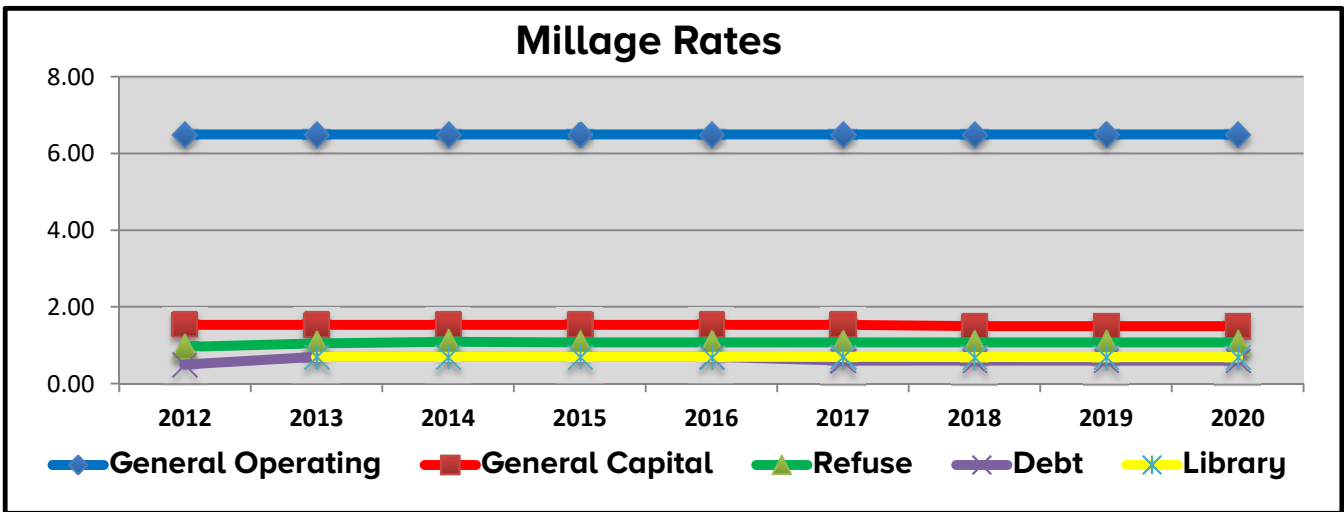
Taxing Entity	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	Proposed 2017/18
<b>Average Tax Rates Shown in Dollars</b>								
Troy School District	\$998	\$943	\$952	\$999	\$1,029	\$1,026	\$1,095	\$1,154
Oakland County Gov.	477	450	455	\$461	\$475	\$482	\$487	\$513
O.C. Comm. College	162	153	154	\$157	\$161	\$167	\$170	\$179
Intermediate School Dist.	345	326	329	\$334	\$344	\$356	\$362	\$382
S.M.A.R.T.	60	57	58	\$59	\$60	\$106	\$107	\$113
State Education	615	581	586	\$595	\$613	\$635	\$650	\$685
Zoo	10	10	10	\$10	\$10	\$11	\$11	\$11
O.C. Art Institute	-	-	-	\$20	\$20	\$21	\$22	\$23
<b>City of Troy</b>	<b>963</b>	<b>986</b>	<b>1,024</b>	<b>\$1,043</b>	<b>\$1,073</b>	<b>\$1,112</b>	<b>\$1,127</b>	<b>\$1,183</b>
<b>Total - Dollars</b>	<b>\$ 3,630</b>	<b>\$ 3,506</b>	<b>\$ 3,568</b>	<b>\$ 3,678</b>	<b>\$ 3,785</b>	<b>\$ 3,916</b>	<b>\$ 4,031</b>	<b>\$ 4,243</b>

Average tax rates are based on residential homestead property within the Troy School District.

The 2017/18 adopted budget reflects City taxes for the average residential household at \$1,183. This is an increase of \$56 or 5.0%. This increase is the combined result of a reduction in the City millage rate of 0.04 mills due to the mandatory rollback from the Headlee Amendment and the increase in average residential value which includes un-capping of sold properties along with new construction.

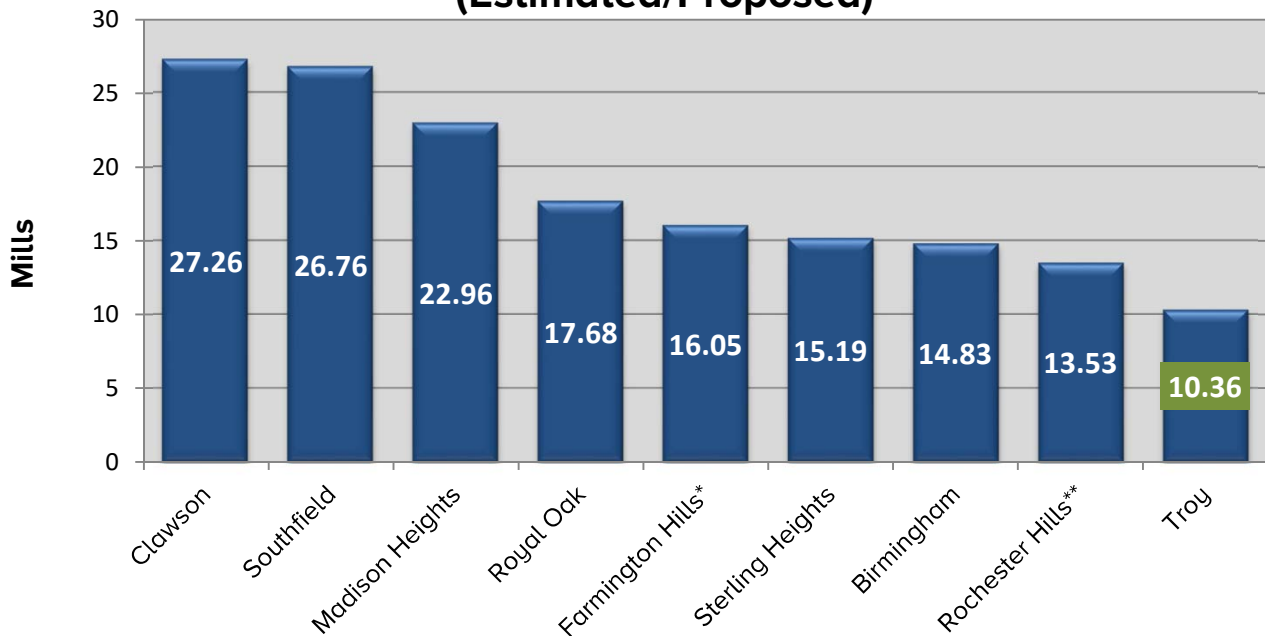
### Millage Rates for Troy Residents and Businesses

	2012/13	2013/14	2014/15	2015/16	2016/17	Proposed 2017/18	Proposed 2018/19	Proposed 2019/20
General Operating	6.5000	6.5000	6.5000	6.5000	6.5000	6.5000	6.5000	6.5000
Capital	1.5300	1.5300	1.5300	1.5300	1.5300	1.4949	1.4949	1.4949
Refuse	1.0500	1.0900	1.0700	1.0700	1.0700	1.0700	1.0700	1.0700
Debt	0.7000	0.7000	0.7000	0.7000	0.6000	0.6000	0.6000	0.6000
Library	0.7000	0.7000	0.7000	0.6974	0.6989	0.6934	0.6934	0.6934
<b>Total</b>	<b>10.4800</b>	<b>10.5200</b>	<b>10.5000</b>	<b>10.4974</b>	<b>10.3989</b>	<b>10.3583</b>	<b>10.3583</b>	<b>10.3583</b>



**Millage Rates for Troy Residents and Businesses**

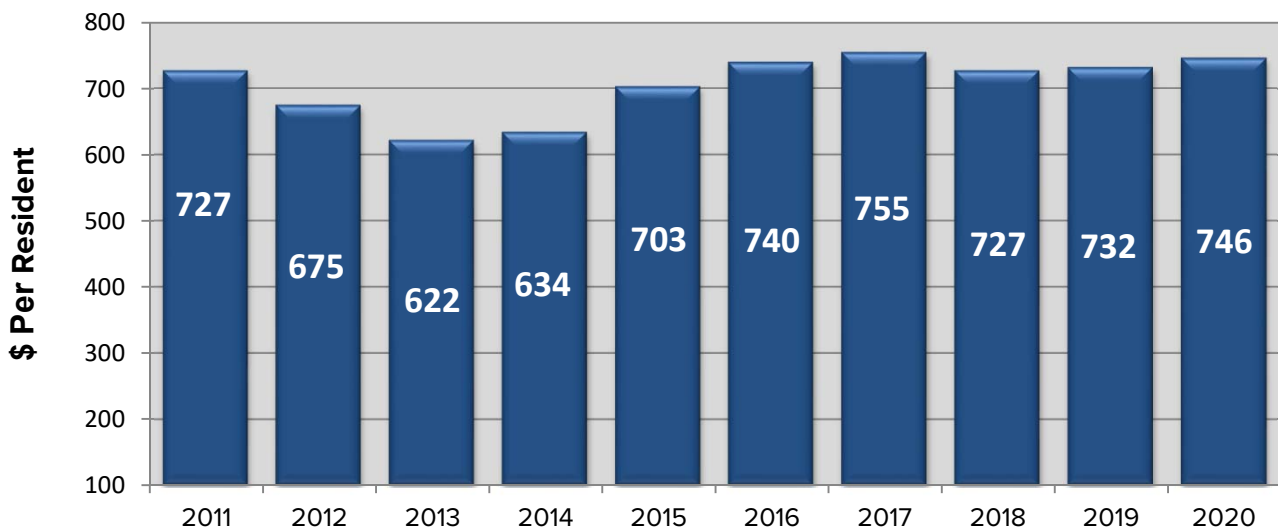
**Comparison of Municipal Millage Rates For FY 2018  
(Estimated/Proposed)**



\*Includes estimated millage rate for Library of 0.7 mill.

\*\* Includes estimated millage rate for refuse collection (3 mill) and Library (0.7 mill).

**General Fund Budget Per Resident**



## Major Revenue Sources

### GENERAL FUND

#### Property Taxes

The City's major source of revenue comes from property taxes. This revenue is calculated by multiplying the taxable valuation of the property by the specific tax levy for general operations. If either variable increases or decreases, a relative change to the City tax revenue will be experienced.

In the 2017/18 budget, City property tax revenue of \$31.6 million represents 53.7% of total revenue and other sources, an increase of \$736 thousand or 2.4% to prior year budget.

Taxable values have leveled out and are beginning to see modest increases. These increases are restricted by the lesser of 5% or the rate of inflation. The CPI index used in the 2017/18 taxable value was 0.9%. Taxable values were further restricted by the phase out of personal property tax on manufacturing equipment. In spite of these limitations, taxable value was \$4.7 billion representing an increase of \$127.0 million or 2.8%.

The general operations tax levy for the 2017/18 fiscal year is 6.50 mills per \$1,000 taxable value. The operating millage rate remains at the same level since 2005/06.

The City's total tax rate of 10.3583 mills **decreased by 0.0406 mills** compared to the prior year due mandatory permanent reductions invoked by the Headlee Amendment equating to a reduction of \$191 thousand. The operating millage rate of 7.9949 mills (general operating = 6.50 mills and Capital = 1.4949 mills) continues to be below the 8.10 millage rate established by the approved (November 2008) City Charter amendment.

#### Licenses and Permits

The revenue source from licenses and permits is made up of business licenses and permits and non-business licenses and permits. This revenue source of \$2.6 million represents 4.5% of total revenue and other financing sources, and is generated by fees charged to individuals and businesses for the building of new structures as well as improvements made to existing structures. Building permits generate the largest source of revenue, accounting for \$1.8 million or 69% of the total from licenses and permits.

#### Charges for Services

Charges for services are broken into the following 4 categories:

- 1.) Fees
- 2.) Services Rendered
- 3.) Sales
- 4.) Uses

In total, this revenue source generates \$8.0 million or 13.6% of total General Fund revenue and other sources. The \$8.0 million compares to \$7.7 million estimated for the 2016/17 fiscal year. The major sources of revenue are CATV franchise fees, Parks and Recreation program fees, Community Center pass fees and Engineering fees. The Community Center and its program revenue are reviewed annually to meet the goals established by City Council.

#### Other Financing Sources

The main revenue sources are: 1.) Transfers to reimburse the General Fund for Major and Local Street Expenditures 2.) Component Unit Administrative Charges .

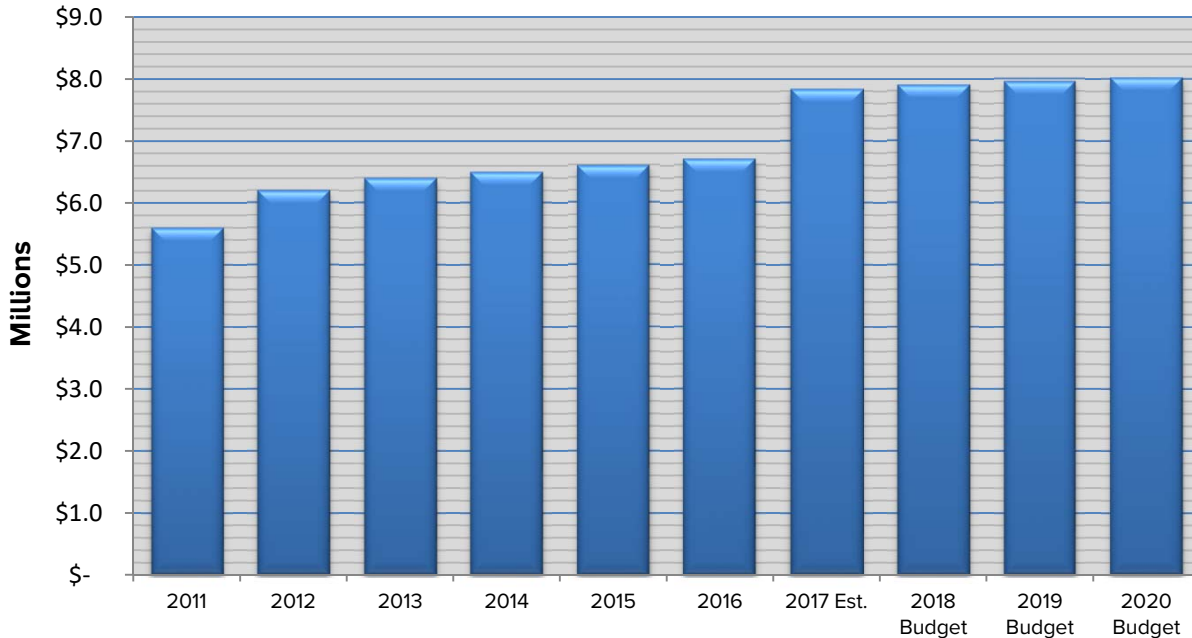


**Major Revenue Sources**

GENERAL FUND

Licenses and Permits

**State Shared Revenue**



State Shared Revenues

Another source of revenue to the City is federal, state and local grants and contributions. The major source in this revenue category is state revenue sharing.

State revenue sharing estimates amount to \$7.9 million or 13.4% of total General Fund revenue and other sources. State shared revenue is the return of a percentage of the 6% state sales tax to local units of government. Distribution of state shared revenue is based on population, relative tax efforts, valuation and state operating and reporting mandates.

This source of revenue has come under pressure as a result of the condition of the state economy and state budget shortfalls in previous years.

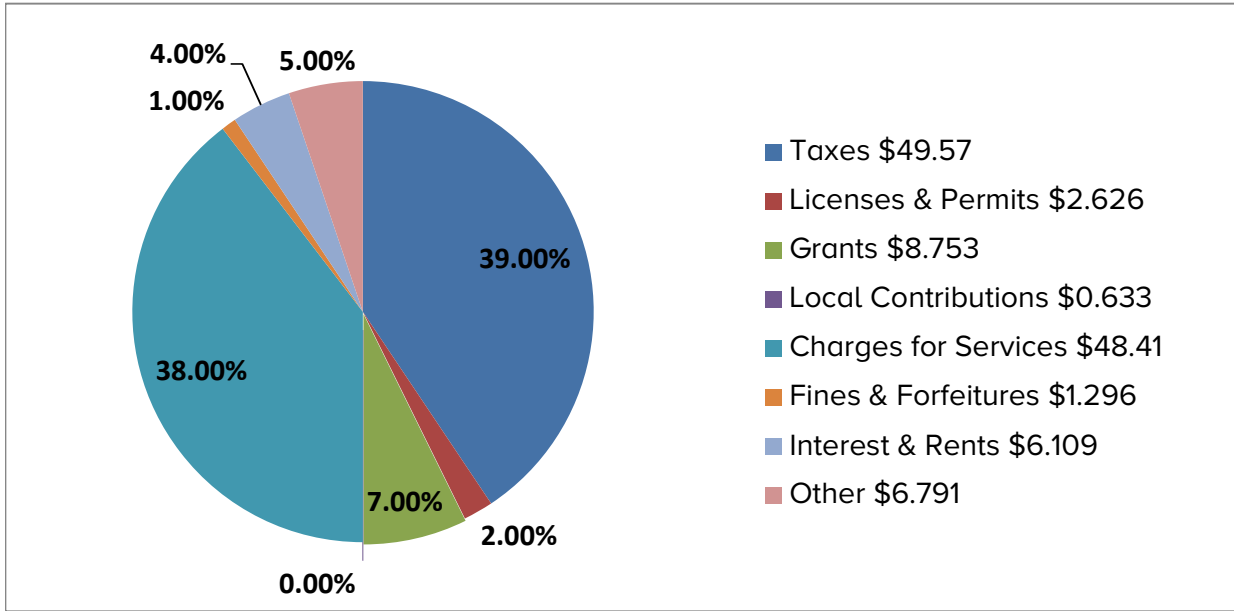
A trend of modest increases have been realized from State Shared Revenues since fiscal 2011. It should be noted however that these revenues were over \$8 million annually in early 2000. In addition, the increase expected to start in the 2016/17 fiscal year are reimbursements from the state for lost revenues from state mandated personal property tax exclusions on manufacturing equipment. These reimbursements are funded by the State of Michigan through the Local Community Stabilization Authority (LCSA) and contingent on available funds in the Authority. As such, total reimbursement for lost personal property taxes are not guaranteed into the future.

**Major Revenue Sources**

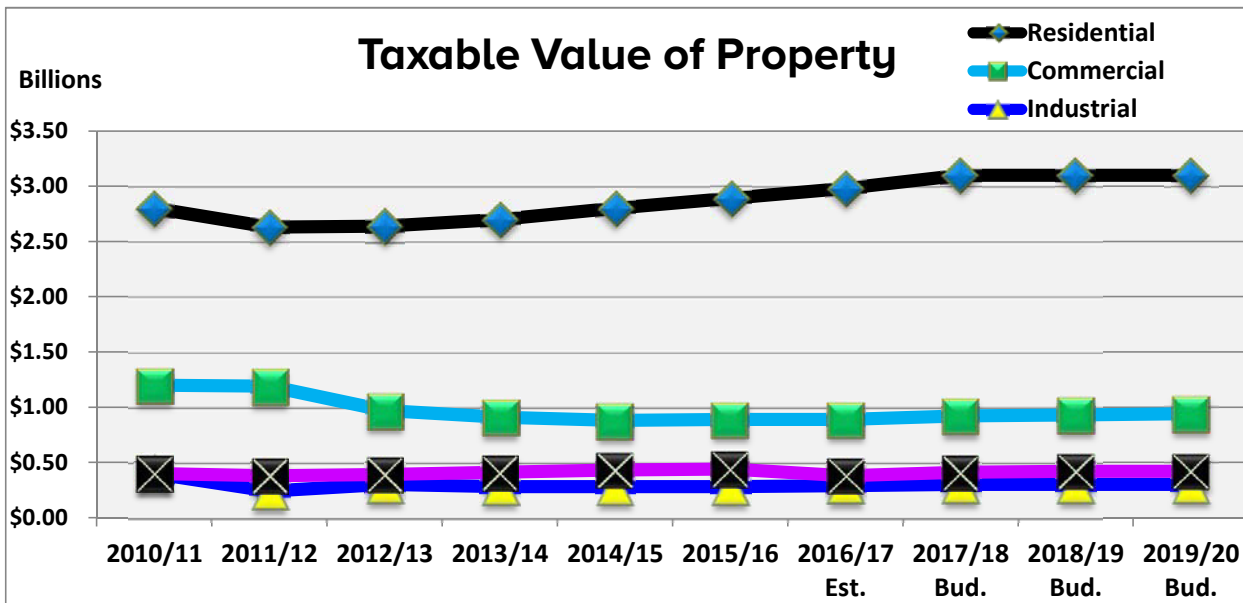
**ALL FUNDS**

The graph below illustrates total fund revenues as a percent of All City funds.

(Millions)



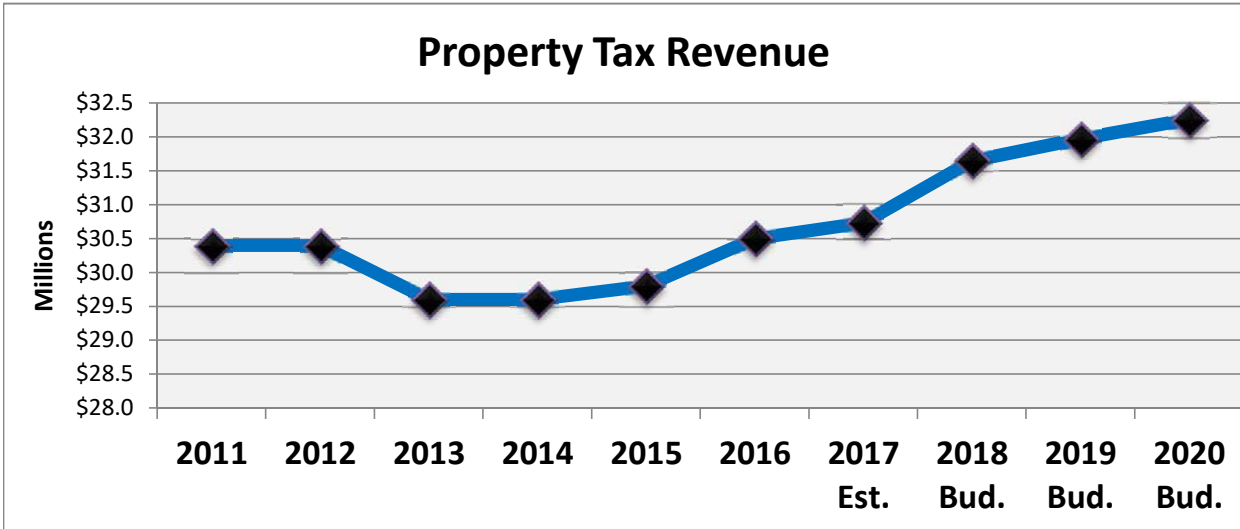
The following graph shows property value assessments by property type. The taxable value, along with the millage rate, determines the total property tax collected.



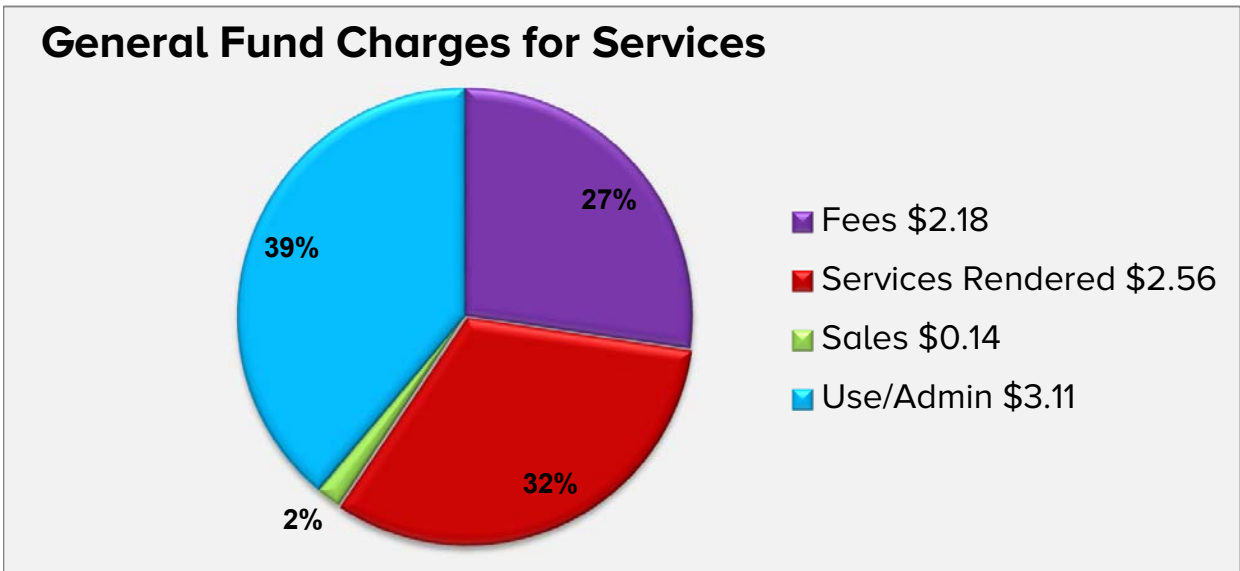
**Major Revenue Sources**

**GENERAL FUND**

Property tax revenue is generated by multiplying the applicable millage rate times the available taxable value of the city. Restraints on the growth of this revenue source are tied to the "Consumer Price Index" (CPI), or 5%, whichever is less, for existing properties.



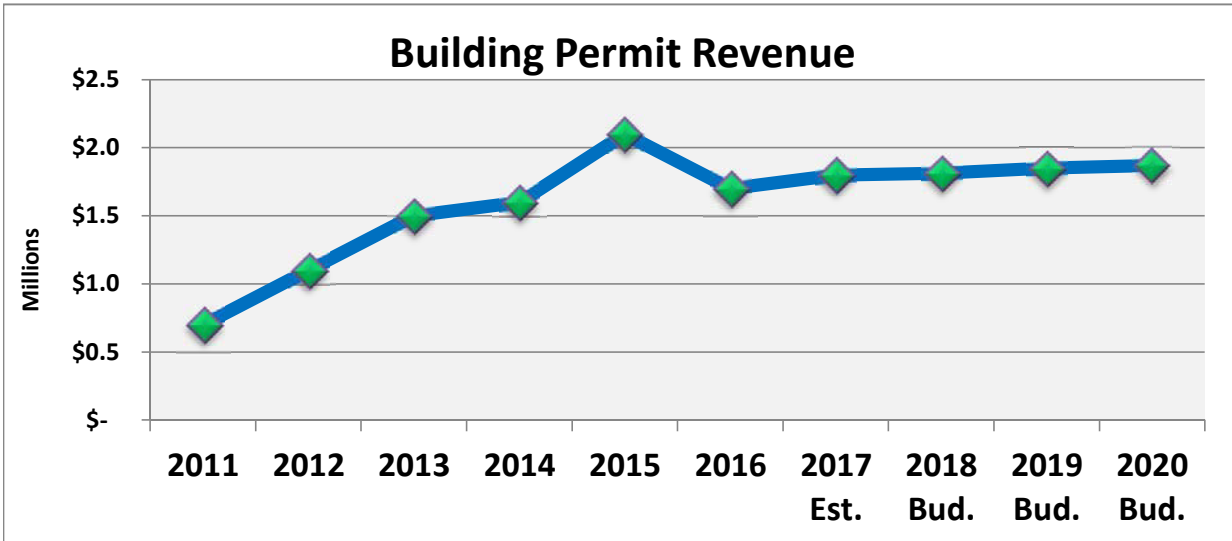
The major sources of revenues are CATV franchise fees, Parks and Recreation program fees, Community Center passes and Engineering fees (\$8.0 million)



**Major Revenue Sources**

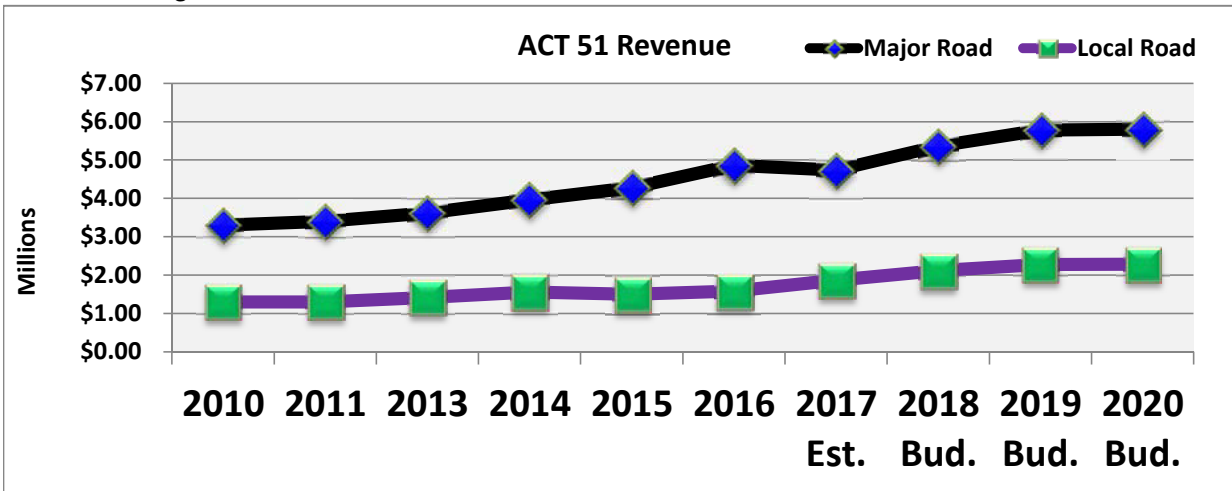
**GENERAL FUND, continued**

The fee amount for a building permit is calculated based upon the estimated cost of construction. This revenue source is affected by the economy, and in Troy's case, the amount of buildable property remaining.



**SPECIAL REVENUES FUNDS**

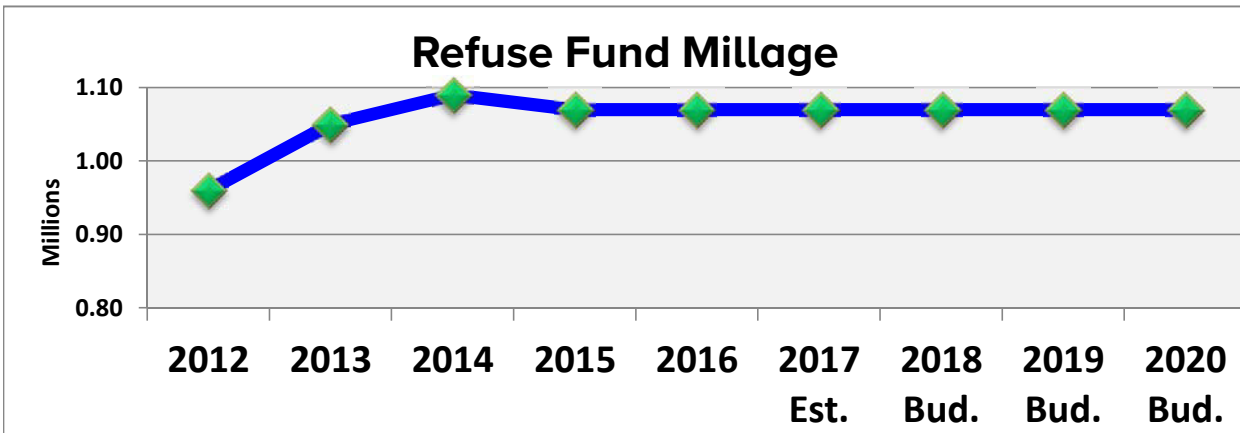
ACT 51 revenue is funded by the state and are based on a \$0.19 tax per gallon of gasoline sales, which is then returned to local units of government using a formula that includes population and number of miles of major and local roads. This source of revenue is tied directly to and affected by the price of gasoline, fuel efficiency and the number of miles driven. Recent legislation to increase the gasoline tax and vehicle registration fees "fuels" the increased budgeted revenues in fiscal 2016/17 through 2019/20.



**Major Revenue Sources**

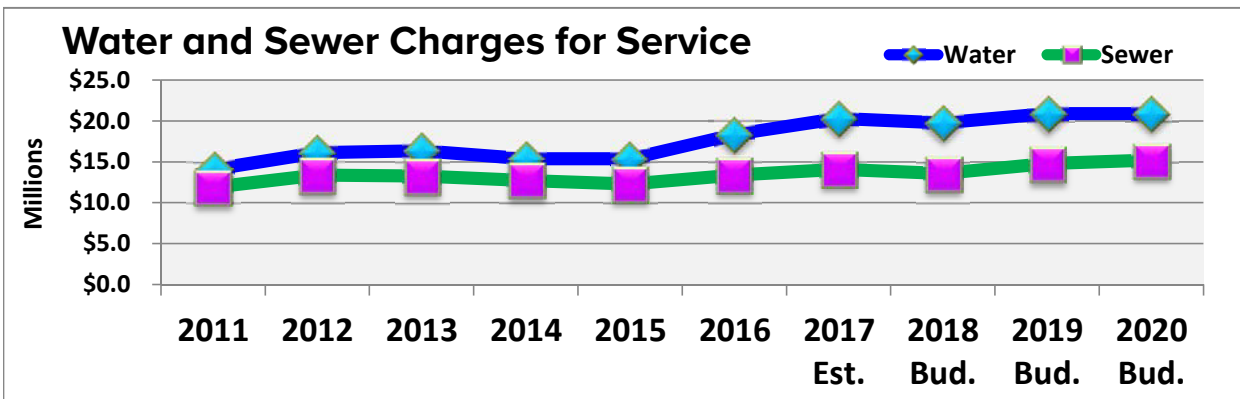
**SPECIAL REVENUES FUNDS, continued**

The Refuse Fund millage rate is determined by multiplying this rate (1.07) times the taxable value in order to generate sufficient revenue to cover the cost of refuse collection and disposal as well as the recycling collection. The 2008 rate was reduced by 0.15 mills due to the re-bidding of collection and disposal services by SOCRRA member communities. The 2011/12 budget reflected a need to increase this millage rate due to a decrease in taxable value and an increase in costs. The 0.07 mill increase in 2009/10 came from the Capital millage rate. Due to the further reduction in taxable value, there was a need to increase the Refuse millage rate 0.09 to 0.96 in 2012, 0.09 to 1.05 mills in 2013, 0.04 mills to 1.09 in 2014 and down 0.02 mills for 2015 through 2020 as a recognition of the stabilization and recovery of taxable values.



**ENTERPRISE FUNDS**

Water and Sewer Rates are reviewed annually. The City purchases water directly from the Great Lakes Water Authority (GLWA) and sewer treatment indirectly from GLWA through Oakland County. Accordingly, rates set by GLWA have a direct impact on the rates charged by the City.

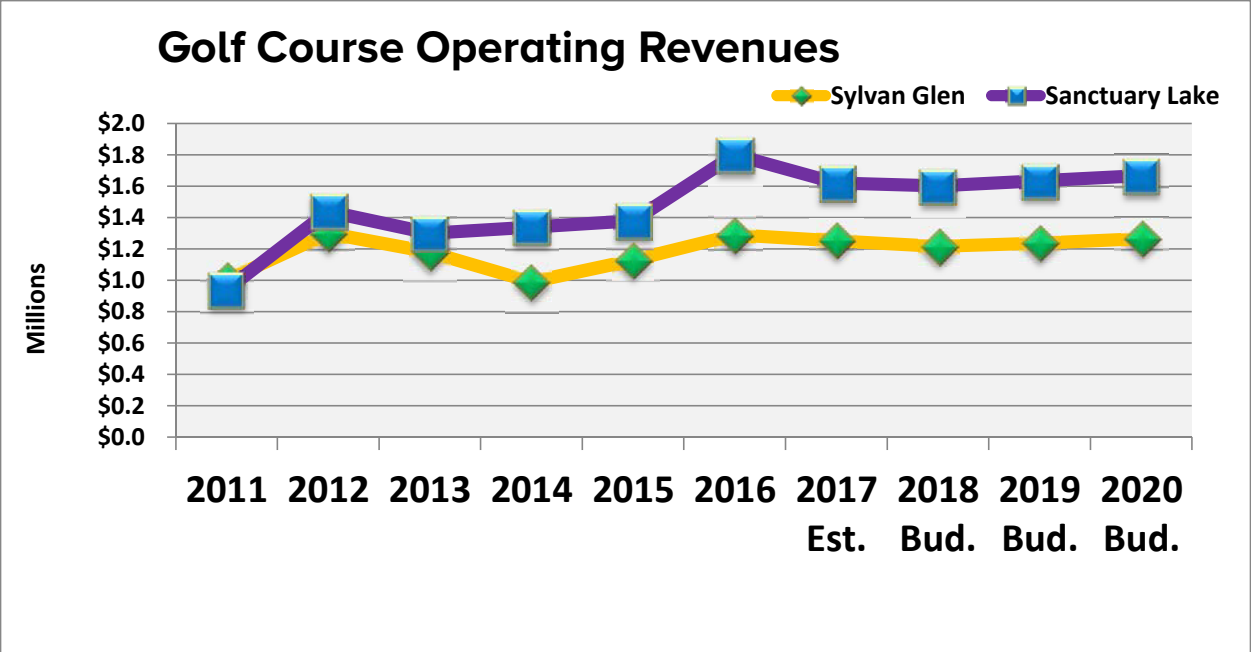


**Major Revenue Sources**

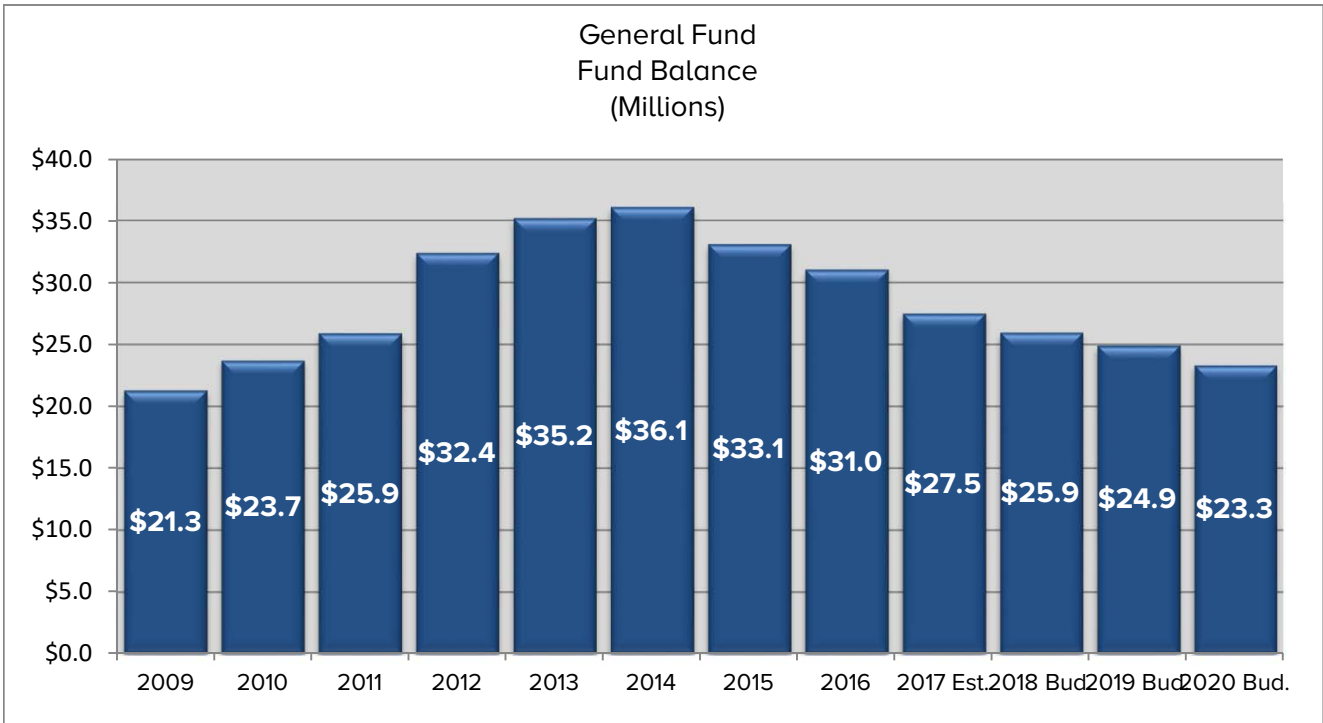
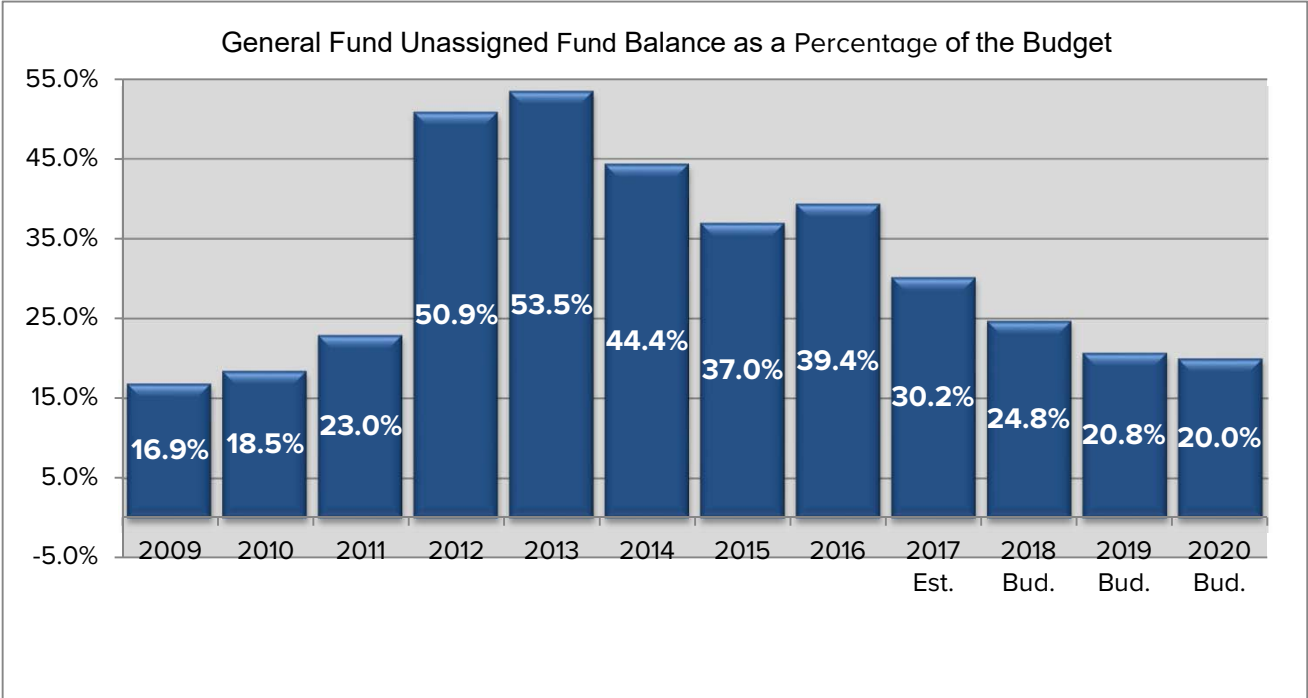
**ENTERPRISE FUNDS, continued**

The City of Troy owns two public golf courses which are now operated and maintained by Billy Casper Golf. Sylvan Glen Golf course is expected to produce 44,000 rounds of golf in 2017 and 2018. Sanctuary Lake, the newer links style public course is expected to produce 37,500 rounds in 2017 and 36,500 in 2018. The greens fees are higher at Sanctuary Lake and golfers are required to take a cart due to the challenging terrain, which accounts for the difference in the amount of revenue and projected rounds. Sanctuary Lake also has a practice facility consisting of a driving range, chipping area and putting greens.

The decrease in 2014 and 2015 for Sylvan Glen was due to significant green damage from the winter kill. It is estimated that rounds and revenue for the 2014 Fiscal Year was down 6,200 rounds and \$180,00 respectively.



**General Fund  
Fund Balance**



This chart depicts the cumulative result of excess revenues over or (under) expenditures in the General Fund.



# All Funds



**Executive Summary**

The Executive Summary is prepared as an introduction to the 2017/18 through 2019/2020 budgets and provides a summary of Administration's financial plans for the upcoming fiscal years. It will explain how the City plans to utilize its resources and highlights some of the more significant changes to the City's budget. If a more in-depth understanding of the budget is desired, please take some time to review the wealth of information found within the graphs, charts, narrative text, significant notes and funding level summaries provided in the budget. The budget is available at the City Clerk's Office and on the City of Troy's web site.

**2017/2018 BUDGET YEAR*****Total City Funds***

The 2017/18 budget for all City funds totals \$157.7 million. The City establishes a budget for 21 General Fund Departments as well as 29 separate funds; these 29 funds can be further paired down into 6 major fund groupings. The largest is the General Fund, which accounts for \$60.5 million in services to residents and businesses.

Special Revenues Funds provide a total of \$19.1 million for major and local road maintenance, refuse and recycling, library operations, federally funded Community Development Block Grant programs, federal and state drug forfeiture programs, budget stabilization contingency and cemetery maintenance.

Several notable items in the Special Revenues Funds 2017/18 budget include:

Maintain and repair major roads (\$5.9 million)

Maintain local roads (\$3.6 million)

Refuse collection and disposal and recycling activities (\$5.1 million). Millage rate of 1.07 mills is well below the state maximum of 3 mills.

Library operations (\$3.9 million). Millage rate of 0.7 mills which expires July 1, 2021.

Debt Service Funds total \$6.6 million, which provides for debt payments on voter approved debt for road construction projects, public safety facilities and the Community Center projects. In addition it provides for Downtown Development Authority (DDA) financed debt that was refunded under the city name but is paid by the DDA.

Capital Projects Fund totals \$17.3 million for 2017/18. These funds are used for capital equipment and vehicles, construction and improvement of municipal facilities and road construction. Notable capital projects in the 2015/16 budget include:

Major road construction and Improvements (\$7.1 million)

Local road reconstruction and improvements (\$3.5 million).

**Executive Summary**

Rebuilding of Fire Station #4 (\$1.0 million). The total cost of the project was budgeted at \$3.8 million and spans over fiscal years 2014/2015 and 2017/2018. The project has been and will be funded by a special transfer from the General Fund totaling \$3.8 million.

Continuation of Trails and Pathways project estimated at \$750 thousand.

Niles Barnard House restoration at \$450,000

District Court roof budgeted at \$450,000

City Entry-Way signage budgeted at \$150,000

Enterprise Funds total \$41.1 million and provide for \$5.0 million in recreational activities from the City golf courses and the Aquatic Center along with \$36.1 million for public utilities of water and sanitary sewer services.

Internal Service Funds account for \$13.2 million in services to all departments including Fleet Maintenance of \$5.0 million, Information Technology of \$2.2 million and Compensated Absences of \$4.3 million.

**General Fund**

General Fund revenues and other sources are budgeted at \$58.9 million, an increase of \$2.0 million or 3.4% over the prior year budget. This modest increase is primarily in tax revenues, state shared revenues and transfers in from other funds.

Tax revenues of \$31.7 million increased \$736 thousand or 2.4%. Although residential assessed values have seen significant increases and commercial assessed values have stabilized, taxable value can only increase the lesser of inflation or 5%. The CPI index used for the 2017/18 fiscal budget was 0.9%. In addition, the phase in of the exemption for manufacturing personal property has reduced the tax base.

State Shared Revenue of \$7.9 million increased \$799 thousand or 11.3% from reimbursements of lost personal property tax revenues due to the phase in of the exemption for manufacturing personal property.

Transfers in of \$5.2 million increased \$404 thousand or 8.4% due to reimbursements from Major and Local Street funds for direct costs incurred by the General Fund for street maintenance.

The 2017/18 General Fund expenditure and other uses budget is \$60.5 million, a decrease of \$2.3 million or 3.7% under the 2016/17 General Fund budget. The primary contributor to the decrease are the one-time transfers to the Capital Project Fund. Prior year transfers included the "Troy Roads Rock" initiative, a fire station pumper truck and partial funding for the rebuilding of fire station #4. The 2017/18 budget has no capital contributions budgeted. Other notable changes in expenditures include an additional \$600 thousand contribution to the Volunteer Firefighters Incentive Trust Fund totaling \$1.7 million, 1-year budgeting for Transportation/Trolley services along the Big Beaver Corridor totaling \$169 thousand, Engineering consulting services for increased road maintenance, and an increase for Recreation to support Senior Programming services.

## Executive Summary

### ***Revenues by Category***

The General Fund derives its revenue from a variety of sources, the largest being property taxes. The City's general operating millage rate of 6.50 mills will provide approximately \$31.6 million, or 53.7% of the total General Fund budget for revenues and other sources.

Troy's proposed overall millage rate of 10.3583 was reduced by 0.0406 mills due to a mandatory permanent rollback from application of the Headlee Amendment.

The General Fund also realizes revenue from a variety of smaller categories to lessen the burden and reliance on property taxes:

Categories	Amount (Millions)	% of Total
Licenses & Permits	\$ 2.626	4.46%
Federal, State and Local Grants	0.133	0.23%
State Shared Revenues	7.899	13.40%
Charges for Services	8.003	13.58%
Fines & Forfeitures	1.012	1.72%
Interest & Rents	1.295	2.20%
Other Revenues	1.085	1.84%
Transfers In	5.23	8.88%

### ***Expenditures by Object***

The \$60.5 million General Fund budget is comprised of 4 separate expenditure objects or categories as follows:

Categories	Amount (Millions)	% of Total
Personal Services	\$ 38.496	63.65%
Supplies	3.025	5.00%
Other Service Charges	18.957	31.35%
Operating Transfers Out	-	0.00%

The largest category of General Fund Expenditures is for Personal Services. The budget for Personal Services is \$38.5 million, an increase of \$1.3 million or 3.6% over the prior year budget. Major factors to the increase include:

- Salary & Wage increase \$1.1 million or 5.3% due to projected annual increases of approximately 1.5% and the addition of nine employees including six new police officers, a new facility/grounds manager, a recreation supervisor for senior programming and a library technical services supervisor. Additional part-time positions include 4.3 FTE's (Full-Time Equivalents) for shuttle/trolley services and 6 FTE's for recreational coordinators (porters) to replace previously contracted services.

**Executive Summary**

Supplies are budgeted at \$3.0 million representing an increase of \$28 thousand or 0.9%. The decrease is in the area of repairs and maintenance for one-time building repairs and supplies such as ruggedized laptops for police, traffic light generators, lighted cross-walk signs and general painting and carpet for departments.

Other Services/Charges of \$19.0 million increased \$1.0 million or 5.8% due primarily to a budgeted one-time additional contribution of \$600 thousand to the Volunteer Firefighters Incentive Trust Program.

All departmental outlay for major capital purchases is found in the Capital Projects Fund.

***Expenditures by Budgetary Center***

The General Fund can be further broken down to departmental or budgetary center level. These budgetary centers represent the 21 City operating departments as well as other ancillary expenditure cost centers.

***Water and Sewer Fund***

The Water and Sewer Fund is a completely self-supporting activity that does not receive funding from property taxes or any other City fund.

It is designed to break even, as well as provide funding for improvements to the system, and is expressly for the purpose of providing water distribution and sewer disposal services to the City of Troy's residents and businesses.

The City purchases its water directly and sewage disposal services indirectly, from the Great Lakes Water Authority (GLWA), which directly influences the rates Troy charges.

Water costs charged to the City of Troy are made of two components. These include a fixed rate component and a variable rate per usage component. The City of Troy cost of water is expected to increase approximately \$420 thousand or 3.1% based on increases to the combination of these two components.

The Great Lakes Water Authority will increase the water rate that it charges to the City of Troy effective July 1, 2017.

## Executive Summary

The Oakland County Water Resource Commission (OCWRC) establishes rates for the two sanitary sewer systems utilized by the City of Troy. Although the majority of the charges are a direct result of pass through charges from the GLWA. The fees charged by the OCWRC are a 100% fixed cost per month fee. The fixed cost are derived by the average 4 year city usage of the particular system. Based on the amount required to maintain the system, each community is then charged their share, based on the average 4 year usage.

Total cost for the George W. Kuhn (GWK) drain and the Evergreen-Farmington drain are estimated at \$10.5 million representing a combined increase of \$750 thousand or 7.7%.

The OCWRC will increase the sanitary sewer rates it charges the City of Troy effective July 1, 2017.

The budget recommends that City sewer rates increase from \$25.30 to \$26.60 per thousand cubic feet (mcf) used representing a \$1.30 or 5.1% increase. The sanitary sewer rates charged to Troy consumers is budgeted artificially low in order to help reduce the "overall" consumer cost of combined water and sewer. It is expected that current reserves in the sewer fund will offset the increased cost.

The water rate is recommended to increase from \$38.50 to \$39.30 per mcf an increase of \$0.80 or 2.0% per mcf.

The combined water/sewer rates are recommended to increase from \$63.80 to \$65.90 per mcf, an increase of \$2.10 or 3.3%. The average residential customer uses 3.9 MCF per quarter, which equates to a quarterly bill of \$257.01. This would be an increase of \$8.19 per quarter per average residential customer. Despite the increase, the City of Troy still maintains one of the lowest rates in the area.

Capital expenditures budgeted for both systems include \$2.1 million for water and \$2.6 million for sanitary sewer. Water capital expenditures include PRV replacement at Beach and South Blvd. (\$600 thousand), Water Main crossings on Crooks (\$310 thousand) and Gate Valve replacement on 14 Mile and John R (\$340 thousand). Sewer capital expenditures include Lift Station Renovations (\$500 thousand), Dequindre, Long Lake to Square Lake widening (\$600 thousand) and the Sturgis sewer drain bank stabilization project at \$600 thousand.

The system as a whole is expected to operate with an economic loss of \$1.6 million in the coming year and with a reduction in working capital of approximately \$2.8 million as the City meets the infrastructure needs of the system.

**Executive Summary**

The budget was developed under the assumption of 470,000 mcf in unit sales. Due to the fixed cost nature of these systems, actual results could vary significantly based on unit sale volumes.

The City continues to control its discretionary costs within this fund and provide the necessary equipment to properly maintain the system.

***Refuse Fund***

The Refuse Fund operates as a Special Revenue Fund of the City. It is primarily funded through tax dollars from a dedicated millage. The proposed millage for the 2017/2018 budget calls for no change in the 1.07 mills. Based on the taxable value of the average residential home in the City of \$114,222, the average cost per resident is \$122 annually.

The 2017/18 budgeted expenditures of \$5.1 million have increased \$153 thousand or 3.1%. This is a direct result of "Single Stream Recycling" introduced by the Southeastern Oakland County Resource Recovery Authority (SOCRRA). SOCCRA is a 12 member community organization designed to assist members in containing costs through collective contractor agreements while maintaining a high level of service. The single stream recycling service is budget at approximately \$300 thousand.

***Capital Projects Fund***

Property taxes, grants and transfers from the Major and Local Street Funds provide for the funding of \$16.7 million in capital projects. Significant projects include Major/County Streets of \$7.1 million, Local Streets of \$3.5 million, Completion of Fire Station #4 replacement at \$1.0 million, Niles Barnard Building renovation \$450 thousand and Trails and Pathways at \$750 thousand.

***Debt Service Funds***

The Debt Service Funds generate their revenue by applying 0.60 mills times the taxable value. Total debt service for voter approved millage is only \$2.8 million and will be paid by 2021. Series 2013 DDA Debt is financed by the DDA through transfers to the debt service fund.

***Internal Service Funds***

Internal Service Funds are used to account for the financing of goods and services provided by a department to other departments of the government, on a cost reimbursement basis.

***Major Funds***

The General Fund is always a major fund. In addition, governments may report as major funds whatever other individual funds they believe to be of particular importance to financial statements users (for instance, because of public interest).

For budgeting purposes, in addition to the General Fund, any fund that reports an appropriated amount of 10% or more of the entities total revenues or total expenditures/expenses is considered a major fund.

**Executive Summary**

For financial statement (CAFR) purposes, at a minimum, governmental funds other than the General Fund must be reported as major funds if they meet both of the following criteria (as applied to the final adjusted balances reported in the funds):

10% criterion – An individual governmental fund reports at least 10% of any of the following:

- a) Total governmental fund assets
- b) Total governmental fund liabilities
- c) Total governmental fund revenues; or
- d) Total governmental fund expenditures

5% criterion – An individual governmental fund reports at least 5% of the aggregated total for both governmental funds and enterprise funds of any of the items for which it met the 10% criterion.

The major funds are: General Fund, Capital Projects Fund, Water Fund and Sanitary Sewer Fund.

***Non - Major Funds***

The non-major funds are: Debt Service Funds, Special Revenue Funds, Aquatic Center Fund, Golf Course Funds and Internal Service Funds.

***Basis of Budgeting***

All governmental funds which includes the General Fund, Special Revenues Fund, Capital Projects Funds and Debt Service Funds were budgeted using the Modified Accrual basis of accounting which is used for financial reporting purposes in the City's audited Comprehensive Annual Financial Report (CAFR).

All proprietary funds which include the Enterprise Funds and Internal Service Funds were budgeted using the accrual basis of accounting with the exception of using a cash basis approach for the purchase of capital assets and not recognizing depreciation expense. A full accrual basis of accounting is used for financial reporting purposes in the City's Comprehensive Annual Financial Report (CAFR).

**All Funds Consolidated  
Revenues and Expenditures**

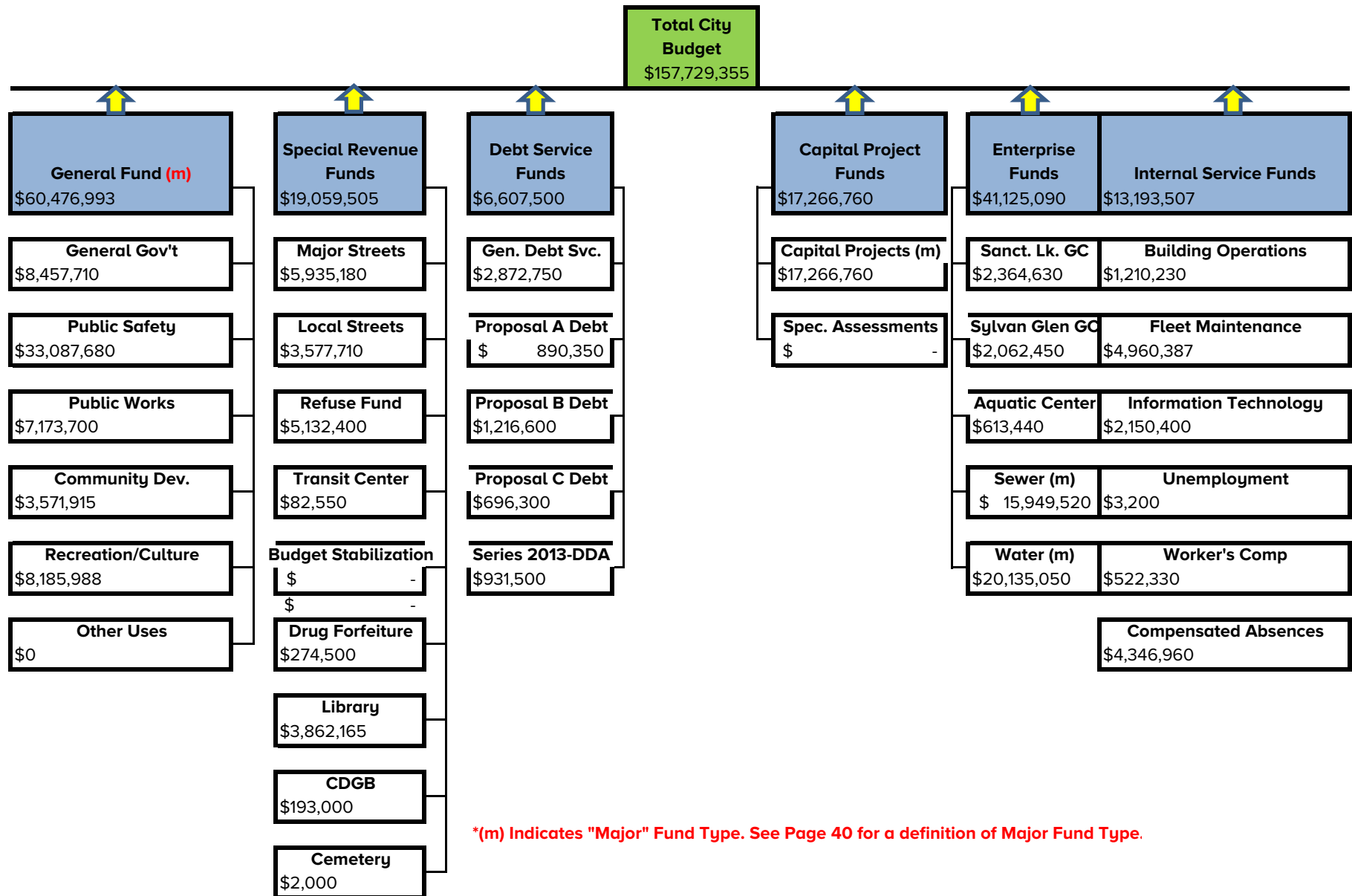
	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>REVENUE</b>								
Taxes	\$ 47,032,044	\$ 48,181,712	\$ 48,132,732	\$ 48,327,570	\$ 49,579,040	2.59%	\$ 50,087,030	\$ 50,541,370
Licenses And Permits	2,896,531	2,519,343	2,597,640	2,613,750	2,626,250	0.48%	2,675,960	2,709,670
Grants	9,900,912	9,970,316	8,159,632	9,230,320	8,753,990	-5.16%	10,227,290	10,247,390
State Shared Revenues	6,604,085	6,604,137	7,837,270	7,100,080	7,899,200	11.26%	7,961,200	8,025,200
Contributions - Local	265,391	982,207	1,148,032	1,189,010	633,650	-46.71%	634,550	635,450
Charges For Services	41,582,388	46,361,083	48,791,515	46,718,120	48,417,730	3.64%	51,345,204	51,925,860
Fines And Forfeitures	1,418,353	1,183,572	1,379,820	1,213,250	1,296,750	6.88%	1,221,750	1,222,750
Interest & Rent	5,022,157	6,242,148	5,800,838	5,681,600	6,109,773	7.54%	6,102,514	6,132,422
Other Revenue	7,164,272	7,926,866	7,405,553	6,548,830	6,791,850	3.71%	6,843,470	6,916,340
<b>Total Revenue</b>	<b>121,886,132</b>	<b>129,971,385</b>	<b>131,253,032</b>	<b>128,622,530</b>	<b>132,108,233</b>	<b>2.71%</b>	<b>137,098,968</b>	<b>138,356,452</b>
<b>OTHER FINANCING SOURCES</b>								
Operating Transfers in	15,680,772	18,483,033	16,558,310	17,306,110	13,782,890	-20.36%	13,597,240	13,492,140
<b>Total Revenues and Other Sources</b>	<b>137,566,905</b>	<b>148,454,418</b>	<b>147,811,342</b>	<b>145,928,640</b>	<b>145,891,123</b>	<b>-0.03%</b>	<b>150,696,208</b>	<b>151,848,592</b>
<b>EXPENDITURES</b>								
Personal Services	46,028,521	46,689,177	49,715,730	52,521,740	54,200,800	3.20%	55,465,940	56,669,760
Supplies	5,818,613	5,645,905	5,648,676	6,106,030	6,303,975	3.24%	6,218,310	6,254,483
Other Services and Charges	46,723,094	46,648,646	51,476,305	51,465,340	54,563,700	6.02%	55,595,466	57,095,450
Depreciation	4,791,340	4,841,114	-	-	-	0.00%	-	-
<b>Expenditures for Operations</b>	<b>103,361,569</b>	<b>103,824,842</b>	<b>106,840,711</b>	<b>110,093,110</b>	<b>115,068,475</b>	<b>4.52%</b>	<b>117,279,716</b>	<b>120,019,693</b>
Debt Service	4,576,361	4,548,163	5,050,360	5,054,950	4,841,380	-4.22%	4,990,910	4,875,600
Capital Outlay	19,562,036	25,012,987	23,216,285	28,702,625	24,433,860	-14.87%	19,926,820	18,676,900
<b>Total Expenditures</b>	<b>127,499,965</b>	<b>133,385,992</b>	<b>135,107,356</b>	<b>143,850,685</b>	<b>144,343,715</b>	<b>0.34%</b>	<b>142,197,446</b>	<b>143,572,193</b>
Operating Transfers out	15,422,693	18,265,452	16,327,820	16,991,680	13,385,640	-21.22%	13,320,040	13,210,590
<b>Total Expenditures and Other Uses</b>	<b>142,922,659</b>	<b>151,651,444</b>	<b>151,435,176</b>	<b>160,842,365</b>	<b>157,729,355</b>	<b>-1.94%</b>	<b>155,517,486</b>	<b>156,782,783</b>
<b>Net Revenues Over/(Under) Expenditures</b>	<b>(5,355,754)</b>	<b>(3,197,026)</b>	<b>(3,623,834)</b>	<b>(14,913,725)</b>	<b>(11,838,232)</b>	<b>-20.62%</b>	<b>(4,821,278)</b>	<b>(4,934,191)</b>

\* Note: Variance in transfers in to transfers out due to component units (DDA, LDFA and Brownfield) not included in City annual budget.



## Financial Organization Chart

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**\*(m) Indicates "Major" Fund Type. See Page 40 for a definition of Major Fund Type.**

**All Funds  
Financial Summaries**

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>General Fund</b>								
Revenues and Other Sources	\$ 55,572,619	\$ 56,358,468	\$ 56,816,740	\$ 56,971,160	\$ 58,935,580	3.45%	\$ 59,883,820	\$ 60,478,520
Expenditures By Function:								
General Government	6,917,419	7,247,951	8,315,280	8,553,360	8,457,710	-1.12%	8,617,700	8,813,250
Public Safety	31,021,169	28,562,706	30,144,230	31,928,860	33,087,680	3.63%	33,129,820	33,803,543
Public Works	5,638,912	5,372,206	6,342,360	6,887,310	7,173,700	4.16%	7,356,080	7,490,920
Community Development	3,150,294	3,073,451	3,460,318	3,308,820	3,571,915	7.95%	3,698,485	3,742,846
Recreation and Culture	6,523,871	6,727,785	7,443,523	7,437,580	8,185,988	10.06%	8,106,331	8,239,280
Other Financing Uses	5,300,000	7,410,000	4,668,860	4,668,860	-	-100.00%	-	-
<b>Total Expenditures and Other Uses</b>	<b>58,551,666</b>	<b>58,394,099</b>	<b>60,374,571</b>	<b>62,784,790</b>	<b>60,476,993</b>	<b>-3.68%</b>	<b>60,908,416</b>	<b>62,089,839</b>
<b>Net Surplus/(Shortfall)</b>	<b>(2,979,048)</b>	<b>(2,035,631)</b>	<b>(3,557,831)</b>	<b>(5,813,630)</b>	<b>(1,541,413)</b>	<b>-73.49%</b>	<b>(1,024,596)</b>	<b>(1,611,319)</b>
Beginning Fund Balance	36,058,636	33,079,588	31,043,957	31,043,957	27,486,126	-11.46%	25,944,713	24,920,117
<b>Ending Fund Balance</b>	<b>\$ 33,079,588</b>	<b>\$ 31,043,957</b>	<b>\$ 27,486,126</b>	<b>\$ 25,230,327</b>	<b>\$ 25,944,713</b>	<b>2.83%</b>	<b>\$ 24,920,117</b>	<b>\$ 23,308,798</b>
<b>Special Revenue Funds</b>								
<b>Major Streets Fund</b>								
Revenues and Other Sources	\$ 4,284,062	\$ 4,914,123	\$ 4,759,900	\$ 4,897,980	\$ 5,391,100	10.07%	\$ 5,807,400	\$ 5,825,000
Expenditures - Public Works	4,366,155	4,347,952	5,066,650	5,357,240	5,935,180	10.79%	6,005,600	6,071,990
<b>Net Surplus/(Shortfall)</b>	<b>(82,093)</b>	<b>566,171</b>	<b>(306,750)</b>	<b>(459,260)</b>	<b>(544,080)</b>	<b>18.47%</b>	<b>(198,200)</b>	<b>(246,990)</b>
Beginning Fund Balance	3,428,043	3,345,950	3,912,120	3,912,120	3,605,370	-7.84%	3,061,290	2,863,090
<b>Ending Fund Balance</b>	<b>\$ 3,345,950</b>	<b>\$ 3,912,120</b>	<b>\$ 3,605,370</b>	<b>\$ 3,452,860</b>	<b>\$ 3,061,290</b>	<b>-11.34%</b>	<b>\$ 2,863,090</b>	<b>\$ 2,616,100</b>

**All Funds  
Financial Summaries**

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Local Streets Fund</b>								
Revenues and Other Sources	\$ 2,006,127	\$ 2,129,992	\$ 2,391,100	\$ 2,443,600	\$ 3,138,200	28.43%	\$ 3,302,200	\$ 3,304,700
Expenditures - Public Works	1,702,573	2,561,201	2,554,600	2,781,840	3,577,710	28.61%	3,645,860	3,706,400
<b>Net Surplus/(Shortfall)</b>	<b>303,554</b>	<b>(431,209)</b>	<b>(163,500)</b>	<b>(338,240)</b>	<b>(439,510)</b>	<b>29.94%</b>	<b>(343,660)</b>	<b>(401,700)</b>
Beginning Fund Balance	2,888,897	3,192,451	2,761,242	2,761,242	2,597,742	-5.92%	2,158,232	1,814,572
<b>Ending Fund Balance</b>	<b>\$ 3,192,451</b>	<b>\$ 2,761,242</b>	<b>\$ 2,597,742</b>	<b>\$ 2,423,002</b>	<b>\$ 2,158,232</b>	<b>-10.93%</b>	<b>\$ 1,814,572</b>	<b>\$ 1,412,872</b>
<b>Refuse Fund</b>								
Revenues and Other Sources	\$ 4,756,597	\$ 4,773,298	\$ 4,793,120	\$ 4,797,540	\$ 4,932,360	2.81%	\$ 4,983,720	\$ 5,028,560
Expenditures - Sanitation	4,606,610	4,517,909	4,944,980	4,979,650	5,132,400	3.07%	5,233,390	5,379,890
<b>Net Surplus/(Shortfall)</b>	<b>149,987</b>	<b>255,389</b>	<b>(151,860)</b>	<b>(182,110)</b>	<b>(200,040)</b>	<b>9.85%</b>	<b>(249,670)</b>	<b>(351,330)</b>
Beginning Fund Balance	580,583	730,570	985,959	985,959	834,099	-15.40%	634,059	384,389
<b>Ending Fund Balance</b>	<b>\$ 730,570</b>	<b>\$ 985,959</b>	<b>\$ 834,099</b>	<b>\$ 803,849</b>	<b>\$ 634,059</b>	<b>-21.12%</b>	<b>\$ 384,389</b>	<b>\$ 33,059</b>
<b>Transit Center</b>								
Revenues and Other Sources	\$ 67,463	\$ 58,704	\$ 85,590	\$ 82,480	\$ 82,550	0.08%	\$ 84,200	\$ 85,750
Expenditures - Community Development	63,966	59,544	85,590	82,480	82,550	0.08%	84,200	85,750
<b>Net Surplus/(Shortfall)</b>	<b>3,497</b>	<b>(840)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>
Beginning Fund Balance	21,000	24,497	23,657	23,657	23,657	0.00%	23,657	23,657
<b>Ending Fund Balance</b>	<b>\$ 24,497</b>	<b>\$ 23,657</b>	<b>\$ 23,657</b>	<b>\$ 23,657</b>	<b>\$ 23,657</b>	<b>0.00%</b>	<b>\$ 23,657</b>	<b>\$ 23,657</b>

**All Funds  
Financial Summaries**

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Budget Stabilization Fund</b>								
Revenues and Other Sources	\$ 4,740	\$ 24,324	\$ 12,000	\$ 12,000	\$ 12,000	0.00%	\$ 12,000	\$ 12,000
Expenditures - General Government	-	-	-	-	-	0.00%	-	-
<b>Net Surplus/(Shortfall)</b>	<b>4,740</b>	<b>24,324</b>	<b>12,000</b>	<b>12,000</b>	<b>12,000</b>	<b>0.00%</b>	<b>12,000</b>	<b>12,000</b>
Beginning Fund Balance	1,534,139	1,538,879	1,563,203	1,563,203	1,575,203	0.77%	1,587,203	1,599,203
<b>Ending Fund Balance</b>	<b>\$ 1,538,879</b>	<b>\$ 1,563,203</b>	<b>\$ 1,575,203</b>	<b>\$ 1,575,203</b>	<b>\$ 1,587,203</b>	<b>0.76%</b>	<b>\$ 1,599,203</b>	<b>\$ 1,611,203</b>
<b>Drug Forfeiture Fund</b>								
Revenues and Other Sources	\$ 280,508	\$ 103,415	\$ 239,000	\$ 101,000	\$ 179,000	77.23%	\$ 100,000	\$ 101,000
Expenditures - Public Safety	151,077	48,311	269,500	304,500	274,500	-9.85%	112,900	139,900
<b>Net Surplus/(Shortfall)</b>	<b>129,431</b>	<b>55,104</b>	<b>(30,500)</b>	<b>(203,500)</b>	<b>(95,500)</b>	<b>-53.07%</b>	<b>(12,900)</b>	<b>(38,900)</b>
Beginning Fund Balance	554,034	683,465	738,569	738,569	708,069	-4.13%	612,569	599,669
<b>Ending Fund Balance</b>	<b>\$ 683,465</b>	<b>\$ 738,569</b>	<b>\$ 708,069</b>	<b>\$ 535,069</b>	<b>\$ 612,569</b>	<b>14.48%</b>	<b>\$ 599,669</b>	<b>\$ 560,769</b>
<b>Library Fund</b>								
Revenues and Other Sources	\$ 3,441,896	\$ 3,487,221	\$ 3,501,391	\$ 3,490,910	\$ 3,561,350	2.02%	\$ 3,605,540	\$ 3,635,190
Expenditures - Recreation and Culture	3,439,306	3,478,880	3,707,910	3,718,910	3,862,165	3.85%	3,931,689	3,812,060
<b>Net Surplus/(Shortfall)</b>	<b>2,590</b>	<b>8,341</b>	<b>(206,519)</b>	<b>(228,000)</b>	<b>(300,815)</b>	<b>31.94%</b>	<b>(326,149)</b>	<b>(176,870)</b>
Beginning Fund Balance	1,455,225	1,457,815	1,466,156	1,466,156	1,259,637	-14.09%	958,822	632,673
<b>Ending Fund Balance</b>	<b>\$ 1,457,815</b>	<b>\$ 1,466,156</b>	<b>\$ 1,259,637</b>	<b>\$ 1,238,156</b>	<b>\$ 958,822</b>	<b>-22.56%</b>	<b>\$ 632,673</b>	<b>\$ 455,803</b>

**All Funds  
Financial Summaries**

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Community Development Block Grant</b>								
Revenues and Other Sources	\$ 56,941	\$ 239,282	\$ 82,000	\$ 287,500	\$ 193,000	-32.87%	\$ 43,000	\$ 43,000
Expenditures - Community Development	56,941	239,282	82,000	287,500	193,000	-32.87%	43,000	43,000
<b>Net Surplus/(Shortfall)</b>	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
<b>Ending Fund Balance</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.00%</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Cemetery Fund</b>								
Revenues and Other Sources	\$ 2,965	\$ 6,254	\$ 2,000	\$ 2,100	\$ 2,000	-4.76%	\$ 2,000	\$ 2,000
Expenditures - Community Development	1,565	-	2,000	2,100	2,000	-4.76%	2,000	2,000
<b>Net Surplus/(Shortfall)</b>	1,400	6,254	-	-	-	0.00%	-	-
Beginning Fund Balance	208,268	209,668	215,922	215,922	215,922	0.00%	215,922	215,922
<b>Ending Fund Balance</b>	<b>\$ 209,668</b>	<b>\$ 215,922</b>	<b>\$ 215,922</b>	<b>\$ 215,922</b>	<b>\$ 215,922</b>	<b>0.00%</b>	<b>\$ 215,922</b>	<b>\$ 215,922</b>
<b>Debt Service Funds</b>								
<b>General Debt Service Fund</b>								
Revenues and Other Sources	\$ 3,018,072	\$ 3,127,793	\$ 2,725,130	\$ 2,729,490	\$ 2,807,040	2.84%	\$ 2,835,660	\$ 2,861,250
Expenditures - Debt Service	3,103,486	3,104,061	3,044,350	3,044,350	2,872,750	-5.64%	2,947,480	2,866,700
<b>Net Surplus/(Shortfall)</b>	(85,414)	23,732	(319,220)	(314,860)	(65,710)	-79.13%	(111,820)	(5,450)
Beginning Fund Balance	1,394,054	1,308,640	1,332,372	1,332,372	1,013,152	-23.96%	947,442	835,622
<b>Ending Fund Balance</b>	<b>\$ 1,308,640</b>	<b>\$ 1,332,372</b>	<b>\$ 1,013,152</b>	<b>\$ 1,017,512</b>	<b>\$ 947,442</b>	<b>-6.89%</b>	<b>\$ 835,622</b>	<b>\$ 830,172</b>

**All Funds  
Financial Summaries**

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Proposal A Bond Debt Fund</b>								
Revenues and Other Sources	\$ 950,275	\$ 914,563	\$ 903,150	\$ 903,150	\$ 890,350	-1.42%	\$ 921,180	\$ 897,800
Expenditures - Debt Service	950,275	914,563	903,150	903,150	890,350	-1.42%	921,180	897,800
<b>Net Surplus/(Shortfall)</b>	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
<b>Ending Fund Balance</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.00%</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Proposal B Bond Debt Fund</b>								
Revenues and Other Sources	\$ 1,334,225	\$ 1,391,250	\$ 1,355,600	\$ 1,355,600	\$ 1,216,600	-10.25%	\$ 1,266,800	\$ 1,214,800
Expenditures - Debt Service	1,334,225	1,391,250	1,355,600	1,355,600	1,216,600	-10.25%	1,266,800	1,214,800
<b>Net Surplus/(Shortfall)</b>	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
<b>Ending Fund Balance</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.00%</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Proposal C Bond Debt Fund</b>								
Revenues and Other Sources	\$ 753,050	\$ 722,600	\$ 717,100	\$ 717,100	\$ 696,300	-2.90%	\$ 689,000	\$ 682,600
Expenditures - Debt Service	753,050	722,600	717,100	717,100	696,300	-2.90%	689,000	682,600
<b>Net Surplus/(Shortfall)</b>	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
<b>Ending Fund Balance</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.00%</b>	<b>\$ -</b>	<b>\$ -</b>

**All Funds  
Financial Summaries**

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Series 2013-DDA</b>								
Revenues and Other Sources	\$ 958,688	\$ 951,013	\$ 941,900	\$ 941,900	\$ 931,500	-1.10%	\$ 923,700	\$ 914,600
Expenditures - Debt Service	958,688	951,013	941,900	941,900	931,500	-1.10%	923,700	914,600
<b>Net Surplus/(Shortfall)</b>	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
<b>Ending Fund Balance</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.00%</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Capital Project Funds</b>								
<b>Capital Project Fund</b>								
Revenues and Other Sources	\$ 19,302,285	\$ 22,438,826	\$ 18,807,270	\$ 19,142,860	\$ 13,634,660	-28.77%	\$ 14,296,160	\$ 14,171,460
Expenditures - Capital Outlay	19,900,520	25,279,531	19,191,810	23,420,820	17,266,760	-26.28%	14,407,030	14,222,400
<b>Net Surplus/(Shortfall)</b>	(598,235)	(2,840,704)	(384,540)	(4,277,960)	(3,632,100)	-15.10%	(110,870)	(50,940)
Beginning Fund Balance	14,430,784	13,832,549	10,991,845	10,991,845	10,607,305	-3.50%	6,975,205	6,864,335
<b>Ending Fund Balance</b>	<b>\$ 13,832,549</b>	<b>\$ 10,991,845</b>	<b>\$ 10,607,305</b>	<b>\$ 6,713,885</b>	<b>\$ 6,975,205</b>	<b>3.89%</b>	<b>\$ 6,864,335</b>	<b>\$ 6,813,395</b>
<b>Special Assessments Fund</b>								
Revenues and Other Sources	\$ 51,758	\$ 42,186	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -
Expenditures - Capital Outlay	115,837	42,186	-	-	-	0.00%	-	-
<b>Net Surplus/(Shortfall)</b>	(64,079)	-	-	-	-	0.00%	-	-
Beginning Fund Balance	64,079	(0)	(0)	(0)	(0)	0.00%	(0)	(0)
<b>Ending Fund Balance</b>	<b>\$ (0)</b>	<b>\$ (0)</b>	<b>\$ (0)</b>	<b>\$ (0)</b>	<b>\$ (0)</b>	<b>0.00%</b>	<b>\$ (0)</b>	<b>\$ (0)</b>

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	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Enterprise Funds</b>								
<b>Sanctuary Lake Golf Course Fund</b>								
Operating Revenues	\$ 1,375,137	\$ 1,803,788	\$ 1,621,310	\$ 1,528,120	\$ 1,602,440	4.86%	\$ 1,634,680	\$ 1,667,610
Operating Expenses	1,119,466	1,291,401	1,330,280	1,329,930	1,388,330	4.39%	1,403,920	1,419,080
<b>Income Before Cap/Dep</b>	<b>255,671</b>	<b>512,388</b>	<b>291,030</b>	<b>198,190</b>	<b>214,110</b>	<b>8.03%</b>	<b>230,760</b>	<b>248,530</b>
Capital/Depreciation Expense	315,690	319,708	69,130	50,000	145,000	190.00%	55,000	-
<b>Income from Operations</b>	<b>(60,019)</b>	<b>192,680</b>	<b>221,900</b>	<b>148,190</b>	<b>69,110</b>	<b>-53.36%</b>	<b>175,760</b>	<b>248,530</b>
<b>Other Financing Uses</b>	<b>(298,686)</b>	<b>(279,881)</b>	<b>(855,280)</b>	<b>(855,280)</b>	<b>(831,300)</b>	<b>-2.80%</b>	<b>(909,600)</b>	<b>(885,200)</b>
<b>Net Income/(Loss)</b>	<b>(358,705)</b>	<b>(87,201)</b>	<b>(633,380)</b>	<b>(707,090)</b>	<b>(762,190)</b>	<b>7.79%</b>	<b>(733,840)</b>	<b>(636,670)</b>
Beginning Net Position	(5,734,102)	(6,092,807)	(6,180,008)	(6,180,008)	(6,813,388)	10.25%	(7,575,578)	(8,309,418)
<b>Ending Net Position</b>	<b>\$ (6,092,807)</b>	<b>\$ (6,180,008)</b>	<b>\$ (6,813,388)</b>	<b>\$ (6,887,098)</b>	<b>\$ (7,575,578)</b>	<b>10.00%</b>	<b>\$ (8,309,418)</b>	<b>\$ (8,946,088)</b>
<b>Sylvan Glen Golf Course Fund</b>								
Operating Revenues	\$ 1,130,360	\$ 1,291,212	\$ 1,252,220	\$ 1,172,320	\$ 1,216,610	3.78%	\$ 1,238,210	\$ 1,266,180
Operating Expenses	999,475	1,017,601	1,003,000	989,280	1,049,020	6.04%	1,059,760	1,070,080
<b>Income Before Cap/Dep</b>	<b>130,885</b>	<b>273,612</b>	<b>249,220</b>	<b>183,040</b>	<b>167,590</b>	<b>-8.44%</b>	<b>178,450</b>	<b>196,100</b>
Capital/Depreciation Expense	125,887	122,490	91,400	139,000	1,013,000	628.78%	31,720	70,000
<b>Income from Operations</b>	<b>4,999</b>	<b>151,121</b>	<b>157,820</b>	<b>44,040</b>	<b>(845,410)</b>	<b>-2019.64%</b>	<b>146,730</b>	<b>126,100</b>
<b>Other Financing Uses</b>	<b>(4,715)</b>	<b>8,529</b>	<b>(1,910)</b>	<b>(6,500)</b>	<b>(430)</b>	<b>-93.38%</b>	<b>(6,200)</b>	<b>(6,200)</b>
<b>Net Income/(Loss)</b>	<b>283</b>	<b>159,650</b>	<b>155,910</b>	<b>37,540</b>	<b>(845,840)</b>	<b>-2353.17%</b>	<b>140,530</b>	<b>119,900</b>
Beginning Net Position	5,565,686	5,565,969	5,725,619	5,725,619	5,881,529	2.72%	5,035,689	5,176,219
<b>Ending Net Position</b>	<b>\$ 5,565,969</b>	<b>\$ 5,725,619</b>	<b>\$ 5,881,529</b>	<b>\$ 5,763,159</b>	<b>\$ 5,035,689</b>	<b>-12.62%</b>	<b>\$ 5,176,219</b>	<b>\$ 5,296,119</b>



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	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Aquatic Center</b>								
Operating Revenues	\$ 431,142	\$ 724,453	\$ 647,700	\$ 702,800	\$ 704,800	0.28%	\$ 706,800	\$ 706,800
Operating Expenses	423,099	526,752	535,380	555,740	553,440	-0.41%	564,580	572,130
<b>Income Before Cap/Dep</b>	<b>8,043</b>	<b>197,701</b>	<b>112,320</b>	<b>147,060</b>	<b>151,360</b>	<b>2.92%</b>	<b>142,220</b>	<b>134,670</b>
Capital/Depreciation Expense	158,303	172,112	-	169,000	60,000	-64.50%	75,000	55,000
<b>Income from Operations</b>	<b>(150,260)</b>	<b>25,588</b>	<b>112,320</b>	<b>(21,940)</b>	<b>91,360</b>	<b>-516.41%</b>	<b>67,220</b>	<b>79,670</b>
Other Financing Uses	-	-	-	-	-	0.00%	-	-
<b>Net Income/(Loss)</b>	<b>(150,260)</b>	<b>25,588</b>	<b>112,320</b>	<b>(21,940)</b>	<b>91,360</b>	<b>-516.41%</b>	<b>67,220</b>	<b>79,670</b>
Beginning Net Position	1,222,605	1,072,345	1,097,933	1,097,933	1,210,253	10.23%	1,301,613	1,368,833
<b>Ending Net Position</b>	<b>\$ 1,072,345</b>	<b>\$ 1,097,933</b>	<b>\$ 1,210,253</b>	<b>\$ 1,075,993</b>	<b>\$ 1,301,613</b>	<b>20.97%</b>	<b>\$ 1,368,833</b>	<b>\$ 1,448,503</b>
<b>Sewer Fund</b>								
Operating Revenues	\$ 12,270,829	\$ 13,383,339	\$ 14,091,710	\$ 13,143,300	\$ 13,565,220	3.21%	\$ 14,777,480	\$ 15,201,990
Operating Expenses	11,658,592	11,437,576	11,928,640	12,480,350	13,379,520	7.20%	13,830,070	14,297,480
<b>Income Before Cap/Dep</b>	<b>612,238</b>	<b>1,945,763</b>	<b>2,163,070</b>	<b>662,950</b>	<b>185,700</b>	<b>-71.99%</b>	<b>947,410</b>	<b>904,510</b>
Capital/Depreciation Expense	1,145,173	1,158,185	1,010,000	2,058,000	2,570,000	24.88%	2,300,000	1,100,000
<b>Income from Operations</b>	<b>(532,935)</b>	<b>787,578</b>	<b>1,153,070</b>	<b>(1,395,050)</b>	<b>(2,384,300)</b>	<b>70.91%</b>	<b>(1,352,590)</b>	<b>(195,490)</b>
Other Financing Uses	-	-	-	-	-	0.00%	-	-
<b>Net Income/(Loss)</b>	<b>(532,935)</b>	<b>787,578</b>	<b>1,153,070</b>	<b>(1,395,050)</b>	<b>(2,384,300)</b>	<b>70.91%</b>	<b>(1,352,590)</b>	<b>(195,490)</b>
Beginning Net Position	65,890,626	65,357,691	66,145,269	66,145,269	67,298,339	1.74%	64,914,039	63,561,449
<b>Ending Net Position</b>	<b>\$ 65,357,691</b>	<b>\$ 66,145,269</b>	<b>\$ 67,298,339</b>	<b>\$ 64,750,219</b>	<b>\$ 64,914,039</b>	<b>0.25%</b>	<b>\$ 63,561,449</b>	<b>\$ 63,365,959</b>

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	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Water Fund</b>								
Operating Revenues	\$ 14,690,689	\$ 18,333,700	\$ 20,298,333	\$ 18,977,170	\$ 19,739,230	4.02%	\$ 20,880,100	\$ 20,880,100
Operating Expenses	13,492,942	16,209,268	17,821,010	17,475,420	18,035,050	3.20%	19,029,930	19,693,390
<b>Income Before Cap/Dep</b>	<b>1,197,746</b>	<b>2,124,432</b>	<b>2,477,323</b>	<b>1,501,750</b>	<b>1,704,180</b>	<b>13.48%</b>	<b>1,850,170</b>	<b>1,186,710</b>
Capital/Depreciation Expense	2,267,079	2,324,039	1,977,000	1,984,240	2,100,000	5.83%	1,800,000	2,000,000
<b>Income from Operations</b>	<b>(1,069,332)</b>	<b>(199,607)</b>	<b>500,323</b>	<b>(482,490)</b>	<b>(395,820)</b>	<b>-17.96%</b>	<b>50,170</b>	<b>(813,290)</b>
<b>Other Financing Uses</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>
<b>Net Income/(Loss)</b>	<b>(1,069,332)</b>	<b>(199,607)</b>	<b>500,323</b>	<b>(482,490)</b>	<b>(395,820)</b>	<b>-17.96%</b>	<b>50,170</b>	<b>(813,290)</b>
Beginning Net Position	100,708,263	99,638,931	99,439,323	99,439,323	99,939,646	0.50%	99,543,826	99,593,996
<b>Ending Net Position</b>	<b>\$ 99,638,931</b>	<b>\$ 99,439,323</b>	<b>\$ 99,939,646</b>	<b>\$ 98,956,833</b>	<b>\$ 99,543,826</b>	<b>0.59%</b>	<b>\$ 99,593,996</b>	<b>\$ 98,780,706</b>

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	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Internal Service Funds</b>								
<b>Building Operations Fund</b>								
Operating Revenues	\$ 928,833	\$ 936,677	\$ 1,115,100	\$ 1,115,100	\$ 1,133,150	1.62%	\$ 1,161,930	\$ 1,185,120
Operating Expenses	928,833	936,677	1,044,630	1,115,100	1,210,230	8.53%	1,204,170	1,230,390
<b>Income Before Cap/Dep</b>	<b>-</b>	<b>-</b>	<b>70,470</b>	<b>-</b>	<b>(77,080)</b>	<b>#DIV/0!</b>	<b>(42,240)</b>	<b>(45,270)</b>
Capital/Depreciation Expense	-	-	-	-	-	0.00%	-	-
<b>Income from Operations</b>	<b>-</b>	<b>-</b>	<b>70,470</b>	<b>-</b>	<b>(77,080)</b>	<b>#DIV/0!</b>	<b>(42,240)</b>	<b>(45,270)</b>
Other Financing Uses	-	-	-	-	-	0.00%	-	-
<b>Net Income/(Loss)</b>	<b>-</b>	<b>-</b>	<b>70,470</b>	<b>-</b>	<b>(77,080)</b>	<b>#DIV/0!</b>	<b>(42,240)</b>	<b>(45,270)</b>
Beginning Net Position	600,000	600,000	600,000	600,000	670,470	11.75%	593,390	551,150
<b>Ending Net Position</b>	<b>\$ 600,000</b>	<b>\$ 600,000</b>	<b>\$ 670,470</b>	<b>\$ 600,000</b>	<b>\$ 593,390</b>	<b>-1.10%</b>	<b>\$ 551,150</b>	<b>\$ 505,880</b>
<b>Fleet Maintenance Fund</b>								
Operating Revenues	\$ 4,035,831	\$ 3,931,289	\$ 4,003,238	\$ 4,077,300	\$ 4,394,473	7.78%	\$ 4,398,114	\$ 4,428,022
Operating Expenses	3,116,617	2,769,330	2,898,850	3,585,470	3,511,387	-2.07%	3,538,071	3,647,134
<b>Income Before Cap/Dep</b>	<b>919,214</b>	<b>1,161,958</b>	<b>1,104,388</b>	<b>491,830</b>	<b>883,086</b>	<b>79.55%</b>	<b>860,043</b>	<b>780,888</b>
Capital/Depreciation Expense	676,411	626,741	1,032,365	1,028,985	1,449,000	40.82%	1,447,500	1,418,900
<b>Income from Operations</b>	<b>242,803</b>	<b>535,218</b>	<b>72,023</b>	<b>(537,155)</b>	<b>(565,914)</b>	<b>5.35%</b>	<b>(587,457)</b>	<b>(638,012)</b>
Other Financing Uses	-	-	-	-	-	0.00%	-	-
<b>Net Income/(Loss)</b>	<b>242,803</b>	<b>535,218</b>	<b>72,023</b>	<b>(537,155)</b>	<b>(565,914)</b>	<b>5.35%</b>	<b>(587,457)</b>	<b>(638,012)</b>
Beginning Net Position	9,530,151	9,772,954	10,308,171	10,308,171	10,380,194	0.70%	9,814,280	9,226,823
<b>Ending Net Position</b>	<b>\$ 9,772,954</b>	<b>\$ 10,308,171</b>	<b>\$ 10,380,194</b>	<b>\$ 9,771,016</b>	<b>\$ 9,814,280</b>	<b>0.44%</b>	<b>\$ 9,226,823</b>	<b>\$ 8,588,811</b>

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	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Information Technology Fund</b>								
Operating Revenues	\$ 1,869,625	\$ 1,853,477	\$ 1,948,770	\$ 1,948,770	\$ 2,059,120	5.66%	\$ 2,170,774	\$ 2,184,280
Operating Expenses	1,945,593	1,744,853	1,759,620	1,805,750	2,030,400	12.44%	2,067,980	2,017,810
<b>Income Before Cap/Dep</b>	<b>(75,968)</b>	<b>108,624</b>	<b>189,150</b>	<b>143,020</b>	<b>28,720</b>	<b>-79.92%</b>	<b>102,794</b>	<b>166,470</b>
Capital/Depreciation Expense	110,661	157,804	135,000	145,000	120,000	-17.24%	100,000	100,000
<b>Income from Operations</b>	<b>(186,630)</b>	<b>(49,181)</b>	<b>54,150</b>	<b>(1,980)</b>	<b>(91,280)</b>	<b>4510.10%</b>	<b>2,794</b>	<b>66,470</b>
Other Financing Uses	-	-	-	-	-	0.00%	-	-
<b>Net Income/(Loss)</b>	<b>(186,630)</b>	<b>(49,181)</b>	<b>54,150</b>	<b>(1,980)</b>	<b>(91,280)</b>	<b>4510.10%</b>	<b>2,794</b>	<b>66,470</b>
Beginning Net Position	1,450,231	1,263,601	1,214,421	1,214,421	1,268,571	4.46%	1,177,291	1,180,085
<b>Ending Net Position</b>	<b>\$ 1,263,601</b>	<b>\$ 1,214,421</b>	<b>\$ 1,268,571</b>	<b>\$ 1,212,441</b>	<b>\$ 1,177,291</b>	<b>-2.90%</b>	<b>\$ 1,180,085</b>	<b>\$ 1,246,555</b>
<b>Unemployment Fund</b>								
Operating Revenues	\$ 3,283	\$ 2,712	\$ 3,100	\$ 3,600	\$ 3,200	-11.11%	\$ 3,200	\$ 3,200
Operating Expenses	3,283	2,712	3,100	3,600	3,200	-11.11%	3,200	3,200
<b>Income Before Cap/Dep</b>	<b>-</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>
Capital/Depreciation Expense	-	-	-	-	-	0.00%	-	-
<b>Income from Operations</b>	<b>-</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>
Other Financing Uses	-	-	-	-	-	0.00%	-	-
<b>Net Income/(Loss)</b>	<b>-</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>
Beginning Net Position	40,000	40,000	40,000	40,000	40,000	0.00%	40,000	40,000
<b>Ending Net Position</b>	<b>\$ 40,000</b>	<b>\$ 40,000</b>	<b>\$ 40,000</b>	<b>\$ 40,000</b>	<b>\$ 40,000</b>	<b>0.00%</b>	<b>\$ 40,000</b>	<b>\$ 40,000</b>

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	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Worker's Compensation Fund</b>								
Operating Revenues	\$ 312,947	\$ 330,477	\$ 492,170	\$ 337,130	\$ 522,330	54.93%	\$ 535,320	\$ 545,820
Operating Expenses	312,947	330,477	492,170	337,130	522,330	54.93%	535,320	545,820
<b>Income Before Cap/Dep</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>
Capital/Depreciation Expense	-	-	-	-	-	0.00%	-	-
<b>Income from Operations</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>
<b>Other Financing Uses</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>
<b>Net Income/(Loss)</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>
Beginning Net Position	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	0.00%	2,000,000	2,000,000
<b>Ending Net Position</b>	<b>\$ 2,000,000</b>	<b>\$ 2,000,000</b>	<b>\$ 2,000,000</b>	<b>\$ 2,000,000</b>	<b>\$ 2,000,000</b>	<b>0.00%</b>	<b>\$ 2,000,000</b>	<b>\$ 2,000,000</b>
<b>Compensated Absences Fund</b>								
Operating Revenues	\$ 3,675,960	\$ 4,158,182	\$ 4,204,700	\$ 4,046,660	\$ 4,346,960	7.42%	\$ 4,433,220	\$ 4,521,240
Operating Expenses	3,763,267	4,158,182	4,204,700	4,046,660	4,346,960	7.42%	4,433,220	4,521,240
<b>Income Before Cap/Dep</b>	<b>(87,307)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>
Capital/Depreciation Expense	-	-	-	-	-	0.00%	-	-
<b>Income from Operations</b>	<b>(87,307)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>
<b>Other Financing Uses</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>
<b>Net Income/(Loss)</b>	<b>(87,307)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>
Beginning Net Position	1,000,001	912,694	912,694	912,694	912,694	0.00%	912,694	912,694
<b>Ending Net Position</b>	<b>\$ 912,694</b>	<b>\$ 912,694</b>	<b>\$ 912,694</b>	<b>\$ 912,694</b>	<b>\$ 912,694</b>	<b>0.00%</b>	<b>\$ 912,694</b>	<b>\$ 912,694</b>

<b>Personnel Summary</b>
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	Approved		Approved		Requested	
	2015/16		2016/17		2017/18	
	FT	PT	FT	PT	FT	PT
<b>Accounting</b>						
Account Clerk I						
Account Clerk II	1.00		1.00		1.00	
Accountant	4.00		4.00		4.00	
Accounting Manager	1.00		1.00		1.00	
Administrative Aide PT		0.80		0.80		0.80
Grant Specialist PT				0.80		0.80
Next Assistant		0.80				
<b>Total for Accounting</b>	<b>6.00</b>	<b>1.60</b>	<b>6.00</b>	<b>1.60</b>	<b>6.00</b>	<b>1.60</b>
<b>Aquatic Center</b>						
Aquatics Coordinator						
Assistant Pool Manager-TFAC		0.90		1.80		0.00
Cashier-Aquatic Center		1.30		2.10		2.70
Concession Manager - Harvey Hut		0.00		0.00		0.10
Coordinator - Recreation TFAC				0.10		0.10
Instructor-Water Safety TFAC		1.00		1.00		1.20
Instructor-Water Safety-PrivTFAC		0.30		0.50		0.40
Lifeguard TFAC		7.60		7.30		6.90
Pool Manager-TFAC		0.30		0.70		1.70
<b>Total for Aquatic Center</b>	<b>0.00</b>	<b>11.40</b>	<b>0.00</b>	<b>13.50</b>	<b>0.00</b>	<b>13.10</b>
<b>Assessing</b>						
Account Clerk II	2.00		2.00		2.00	
Appraiser	2.00		3.00		3.00	
Appraiser PT		0.70		0.00		0.00
City Assessor	1.00		1.00		1.00	
Deputy City Assessor	1.00		1.00		1.00	
<b>Total for Assessing</b>	<b>6.00</b>	<b>0.70</b>	<b>7.00</b>	<b>0.00</b>	<b>7.00</b>	<b>0.00</b>
<b>Building Inspection</b>						
Building Official/Code Inspector	0.35		0.35		0.35	
<b>Total for Building Inspection</b>	<b>0.35</b>	<b>0.00</b>	<b>0.35</b>	<b>0.00</b>	<b>0.35</b>	<b>0.00</b>

<b>Personnel Summary</b>
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	Approved		Approved		Requested	
	2015/16		2016/17		2017/18	
	FT	PT	FT	PT	FT	PT
<b>Building Operations</b>						
Building Maint Specialist	4.00		4.00		4.00	
Building Maint Specialist II	1.00		1.00		1.00	
Building Maint Specialist PT		1.00		0.50		0.90
Building Maint Technician			1.00		1.00	
Building Operations Director	1.00		1.00		0.00	
Division Supervisor - Facilities	0.00		0.00		1.00	
Facilities & Grounds Manager	0.00		0.00		0.50	
Public Works Director	0.00		0.00		0.13	
Next Assistant	0.00	0.80	0.00	0.80	0.00	0.50
Secretary	1.00		1.00		1.00	
<b>Total for Building Operations</b>	<b>7.00</b>	<b>1.80</b>	<b>8.00</b>	<b>1.30</b>	<b>8.63</b>	<b>1.40</b>
<b>City Attorney</b>						
Attorney II	3.00		0.00		0.00	
Assistant City Attorney	0.00		3.00		3.00	
City Attorney	1.00		1.00		1.00	
Next Assistant		0.10		0.30		0.00
Legal Assistant I	1.00		1.00		1.00	
Legal Assistant II	1.00		1.00		1.00	
Legal Secretary	1.00		1.00		1.00	
<b>Total for City Attorney</b>	<b>7.00</b>	<b>0.10</b>	<b>7.00</b>	<b>0.30</b>	<b>7.00</b>	<b>0.00</b>
<b>City Clerk</b>						
Administrative Aide	1.00		1.00		0.00	
City Clerk	1.00		1.00		1.00	
Deputy City Clerk	0.00		0.00		1.00	
Election Aide		0.20		1.20		0.00
Next Assistant		0.50		0.20		0.30
Office Assistant I	2.00		2.00		2.00	
Office Assistant PT		0.80		0.80		0.90
<b>Total for City Clerk</b>	<b>4.00</b>	<b>1.50</b>	<b>4.00</b>	<b>2.20</b>	<b>4.00</b>	<b>1.20</b>

<b>Personnel Summary</b>
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	Approved		Approved		Requested	
	2015/16		2016/17		2017/18	
	FT	PT	FT	PT	FT	PT
<b>Engineering</b>						
City Engineer	1.00		1.00		1.00	
Civil Engineer	2.00		2.00		2.00	
Deputy City Engineer	1.00		1.00		1.00	
GIS Analyst	0.20		0.20		0.20	
Inspector Supervisor	1.00		1.00		1.00	
Land Surveyor	1.00		1.00		1.00	
MSE-E Engineering Specialist II	2.00		3.00		3.00	
MSE-H Engineering Specialist III	1.00		1.00		1.00	
Secretary II	1.00		1.00		1.00	
Sr Right of Way Representative	1.00		1.00		1.00	
Sr Traffic Engineering Tech		0.00				
<b>Total for Engineering</b>	<b>11.20</b>	<b>0.00</b>	<b>12.20</b>	<b>0.00</b>	<b>12.20</b>	<b>0.00</b>
<b>Fire</b>						
Administrative Aide PT				0.50		0.50
Division Assistant Chief	1.00		1.00		1.00	
Fire Chief	1.00		1.00		1.00	
Fire Staff Assistant		1.80		1.70		1.80
Fire Staff Lieutenant	4.00		4.00		4.00	
Fire Staff Technician	5.00		5.00		5.00	
Next Assistant		0.30		0.00		0.00
Office Assistant PT		0.50		0.00		0.00
Secretary	1.00		1.00		1.00	
<b>Total for Fire</b>	<b>12.00</b>	<b>2.60</b>	<b>12.00</b>	<b>2.20</b>	<b>12.00</b>	<b>2.30</b>
<b>Historic Village - Contracted with Non-Profit Entity 2011/12</b>						
MSE-C Equipment Operator I	0.19	0.10	0.31	0.00	0.31	0.10
<b>Total for Historic Village</b>	<b>0.19</b>	<b>0.10</b>	<b>0.31</b>	<b>0.00</b>	<b>0.31</b>	<b>0.10</b>
<b>Golf Course - Contracted with Billy Casper Golf 2011/12</b>						
<b>Total for Golf Course</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>



<b>Personnel Summary</b>
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	Approved		Approved		Requested	
	2015/16		2016/17		2017/18	
	FT	PT	FT	PT	FT	PT
<b>Human Resources</b>						
Administrative Aide PT						
Administrative Aide PT - Shared						
Human Resource Coordinator	2.00		2.00		0.00	
Human Resources Director	1.00		1.00		1.00	
Human Resources Specialist					2.00	
Next Assistant		0.50		0.60		0.60
Office Leader			1.00		1.00	
Secretary II	1.00					
<b>Total for Human Resources</b>	<b>4.00</b>	<b>0.50</b>	<b>4.00</b>	<b>0.60</b>	<b>4.00</b>	<b>0.60</b>
<b>Information Technology</b>						
Application Specialist	2.00		2.00		2.00	
Application Specialist PT						
Data Proc Analyst/Programmer	1.00		1.00		1.00	
GIS Administrator	0.50		0.50		0.50	
GIS Analyst	0.20		0.20		0.20	
Information Technology Director	1.00		1.00		1.00	
Lead PC Specialist	1.00		1.00		1.00	
Network Administrator	1.00		1.00		1.00	
PC Specialist/Help Desk Tech	3.00		3.00		3.00	
<b>Total for Information Technology</b>	<b>9.70</b>	<b>0.00</b>	<b>9.70</b>	<b>0.00</b>	<b>9.70</b>	<b>0.00</b>
<b>Library</b>						
Administrative Aide	1.00		1.00		1.00	
Administrative Aide PT		0.60		0.30		0.50
Assistant Library Director	1.00		1.00		1.00	
Circulation Supervisor	1.00		1.00		1.00	
Next Assistant		1.40		0.50		1.30
Librarian I	1.00		2.00		2.00	
Librarian II	2.00		2.00		2.00	
Librarian PT		8.70		7.70		8.50

<b>Personnel Summary</b>
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	Approved		Approved		Requested	
	2015/16		2016/17		2017/18	
	FT	PT	FT	PT	FT	PT
<b>Library Continued</b>						
Librarian-Substitute		1.00		1.00		0.20
Library Aide PT		5.80		6.70		6.50
Library Aide-Substitute		0.40		0.10		1.00
Library Assistant		7.70		6.70		6.50
Library Assistant-Substitute		0.80		0.70		0.50
Library Director	1.00		1.00		1.00	
Library Page		4.90		4.90		5.30
Library Page-Substitute		0.40		0.20		0.10
Library System Specialist		0.50		0.50		0.50
Marketing & Development Coor	0.50		0.50		0.50	
Technical Services Supervisor		0.60		1.00	1.00	0.00
Technology Specialist	1.00		1.00		1.00	
<b>Total for Library</b>	<b>8.50</b>	<b>32.80</b>	<b>9.50</b>	<b>30.30</b>	<b>10.50</b>	<b>30.90</b>
<b>Manager</b>						
Acting Asst City Mgr-EconDevSrvs						
Administrative Aide						
Administrative Asst to City Mgr						
Asst City Mgr-Finance/Admin						
Asst to CM/Cont Improvement Coord	1.00		1.00		1.00	
Cable Production Specialist		0.40		0.40		0.30
Camera Operator		0.10		0.00		0.00
City Manager	1.00		1.00		1.00	
Community Affairs Director (Police/CMO)	0.50		1.00		1.00	
Customer Service/Reception			1.00		1.00	
Director of Financial Services	1.00		1.00		1.00	
Economic & Comm Development Dir	1.00		1.00		1.00	
Economic Dev Specialist	1.00		1.00		1.00	
Next Assistant		1.40		0.60		1.70
Management Analyst	1.00		1.00		1.00	

<b>Personnel Summary</b>
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	Approved		Approved		Requested	
	2015/16		2016/17		2017/18	
	FT	PT	FT	PT	FT	PT
<b>Manager Continued</b>						
Marketing Coordinator (Lib/CMO)	0.50		1.00		1.00	
Office Coordinator	1.00		1.00		1.00	
<b>Total for Manager</b>	<b>8.00</b>	<b>1.90</b>	<b>10.00</b>	<b>1.00</b>	<b>10.00</b>	<b>2.00</b>
<b>Fleet Maintenance</b>						
Field Supervisor	2.00		2.00		2.00	
Fleet Operations Manager					1.00	
Inventory Control Assistant	1.00		1.00		1.00	
MSE-D Service Tech I-Fleet	3.00		3.00		3.00	
MSE-F Trade Specialist I	6.00		6.00		6.00	
MSE-G Trade Specialist II	4.00		4.00		4.00	
Public Works Assistant		1.00		1.00		0.90
Public Works Director	0.33		0.33		0.13	
Supt of Fleet Maintenance	1.00		1.00		0.00	
<b>Total for Motor Pool</b>	<b>17.33</b>	<b>1.00</b>	<b>17.33</b>	<b>1.00</b>	<b>17.13</b>	<b>0.90</b>
<b>Nature Center - Contracted with Non-Profit Entity 2011/12</b>						
Coordinator-Nature Center						
<b>Total for Nature Center</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Parks</b>						
Facilities and Grounds Manager	0.00		0.00		0.50	
Field Supervisor	0.98		0.98		0.98	
Next Assistant		0.00		0.00		0.50
MSE-C Equipment Operator I	1.95		1.95		1.95	
MSE-D Service Tech I-Parks						
MSE-F Park Maint.Trade Spec. I	1.00		0.88		0.88	
MSE-F Trade Specialist I	1.00		1.00		1.00	
MSE-G Leader	0.88		0.88		0.88	
Ordinance Enforcement Officer		0.10		0.10		0.00
Public Works Director	0.00		0.00		0.13	
Public Works Manager	0.33		0.33		0.00	

<b>Personnel Summary</b>
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	Approved		Approved		Requested	
	2015/16		2016/17		2017/18	
	FT	PT	FT	PT	FT	PT
<b>Parks Continued</b>						
Seasonal Supervisor		1.10		1.10		1.10
Summer Laborer - Parks		8.00		8.10		8.00
Supt of Parks, Streets & Drains						
<b>Total for Parks</b>	<b>6.14</b>	<b>9.20</b>	<b>6.02</b>	<b>9.30</b>	<b>6.32</b>	<b>9.60</b>
<b>Planning</b>						
Building Official/Code Inspector	0.65		0.65		0.65	
Housing & Zoning Inspector PT		0.80		0.90		1.30
Housing & Zoning Inspector Temp		0.80		0.80		0.90
Next Assistant		0.00		0.00		0.20
Planning Director	1.00		1.00		1.00	
Secretary II	1.00		1.00		1.00	
Zoning & Compliance Specialist	1.00		1.00		1.00	
<b>Total for Planning</b>	<b>3.65</b>	<b>1.60</b>	<b>3.65</b>	<b>1.70</b>	<b>3.65</b>	<b>2.40</b>
<b>Police Department</b>						
911 Operator		0.50		0.50		0.50
Administrative Assistant PT		0.20				
Background Investigator		1.40		1.30		0.80
Communications Supervisor	8.00		8.00		8.00	
Communications Support Spec.				0.50		
Community Affairs Director	0.50					
Crime Data Analyst	1.00		1.00		1.00	
Crossing Guard		1.10		1.40		1.40
Emergency Manager Specialist	1.00		1.00		1.00	
Emergency Prep Planner						
Emergency Prep Planner PT						
Investigative Assistant		0.90		0.90		1.30
Office Assistant PT		0.50		0.50		0.30
Office Coordinator	1.00		1.00		1.00	
Police Analyst/Planner	1.00		1.00		1.00	
Police Analyst/Programmer	1.00		1.00		1.00	
Next Assistant		0.20		1.00		0.60

<b>Personnel Summary</b>
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	Approved		Approved		Requested	
	2015/16		2016/17		2017/18	
	FT	PT	FT	PT	FT	PT
<b>Police Department-Continued</b>						
Police Captain	2.00		2.00		2.00	
Police Chief	1.00		1.00		1.00	
Police Computer Technician		0.50		0.50		0.50
Police Desk Attendant		2.90		2.40		2.60
Information Tech Manager					1.00	
Police Lieutenant	5.00		5.00		5.00	
Police Officer	79.00		79.00		85.00	
Police Records Supervisor	1.00		1.00		1.00	
Police Sergeant	15.00		15.00		15.00	
Police Service Aide	28.00		27.00		26.00	
Records Clerk	4.00		4.00		4.00	
Research & Tech Administrator	1.00		1.00		0.00	
Secretary II	4.00		4.00		4.00	
Student Enforcement Aide		0.10		0.10		0.10
Technical Support Specialist					1.00	
<b>Total for Police Department</b>	<b>153.50</b>	<b>8.30</b>	<b>152.00</b>	<b>9.10</b>	<b>158.00</b>	<b>8.10</b>
<b>Purchasing</b>						
Administrative Aide PT						0.80
Buyer	1.00		1.00		1.00	
Next Assistant		0.70		0.70		0.80
Purchasing Manager	1.00		1.00		1.00	
<b>Total for Purchasing</b>	<b>2.00</b>	<b>0.70</b>	<b>2.00</b>	<b>0.70</b>	<b>2.00</b>	<b>1.60</b>
<b>Recreation</b>						
Account Clerk II	1.00		1.00		1.00	
Aide-Adaptive Program		0.80		0.80		0.80
Aide-Safety Town		0.10				
Aquatics & Fitness Coordinator						
Assistant Pool Manager-CC		1.70		2.20		0.80
Assistant Recreation Director	1.00		1.00		1.00	
Attendant-Community Center		3.30		3.30		3.50
Babysitter		1.60		1.40		0.50

<b>Personnel Summary</b>
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	Approved		Approved		Requested	
	2015/16		2016/17		2017/18	
	FT	PT	FT	PT	FT	PT
<b>Recreation - Continued</b>						
Coordinator-Adaptive Program		0.40		0.40		0.40
Coordinator-Basketball Adult		0.10		0.10		0.00
Coordinator-Day Camp		0.30		0.30		1.00
Coordinator-Preschool		0.60		0.60		0.60
Coordinator-Recreation		4.90		5.90		12.60
Coordinator-Rentals						
Coordinator-Safety Town				0.10		0.10
Coordinator-Senior Program		0.20		0.20		0.20
Coordinator-Soccer-Adult		0.10		0.10		0.10
Coordinator-Softball-Adult		0.10		0.10		0.10
Coordinator-Softball-Youth				0.10		0.10
Coordinator-Volleyball-Adult						
Day Camp Leader		1.30		1.10		1.20
Fitness/Wellness Specialist-CC		0.40		0.40		0.40
Fitness/Wellness Specialist-REC		0.10		0.10		0.00
Fitness/Wellness Specialist-SEN				0.10		0.10
Instructor-Dance-Senior		0.10		0.10		0.10
Instructor-Preschool		2.30		2.70		2.90
Instructor-Safety Town		0.30		0.20		0.30
Instructor-Sports-Youth		0.10		0.10		0.10
Instructor-Water Safety CC		1.80		2.30		1.60
Instructor-Water Safety-Priv CC		0.80		0.70		0.80
Next Assistant		0.20				0.40
Lifeguard CC		8.80		7.60		6.20
Marketing Coordinator (Lib/Rec)			0.50		0.50	
Office Leader	1.00		1.00		1.00	
Official-Basketball-Youth		0.20		0.30		0.50
Pool Manager-CC		0.70		0.70		1.70
Recreation Aide		6.20		7.00		6.80

<b>Personnel Summary</b>
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	Approved		Approved		Requested	
	2015/16		2016/17		2017/18	
	FT	PT	FT	PT	FT	PT
<b>Recreation - Continued</b>						
Recreation Aide-Preschool		0.30		0.30		0.80
Recreation Aide-REC		0.80		0.50		0.00
Recreation Director	1.00		1.00		1.00	
Recreation Supervisor	2.00		2.00		2.00	
Recreation Supervisor - Seniors					1.00	
Recreation Supervisor-PT-REC		0.50		0.30		0.60
Recreation Supervisor-PT-SEN		1.20		1.10		1.60
Scorekeeper				0.10		0.30
Secretary II						
Umpire		0.10		0.10		0.10
<b>Total for Recreation</b>	<b>6.00</b>	<b>40.40</b>	<b>6.50</b>	<b>41.40</b>	<b>7.50</b>	<b>47.30</b>
<b>Refuse and Recycling</b>						
Account Clerk I	0.05		0.05		0.05	
Administrative Aide	0.05					
Ordinance Enforcement Officer		0.20		0.30		0.00
Public Works Director	0.05		0.05		0.13	
Refuse/Recycling/Office Coord	0.10		0.10		0.10	
<b>Total for Refuse and Recycling</b>	<b>0.25</b>	<b>0.20</b>	<b>0.20</b>	<b>0.30</b>	<b>0.28</b>	<b>0.00</b>
<b>Streets</b>						
Account Clerk I	0.47		0.47		0.47	
Administrative Aide	0.47					
Division Supervisor	1.00		1.00		1.00	
Field Supervisor	1.00		1.00		1.00	
Next Assistant		1.20		1.40		1.20
MSE-C Equipment Operator I	8.00		8.00		8.00	
MSE-F Equipment Operator II	8.00		8.00		8.00	
MSE-G Leader	2.00		2.00		2.00	
Ordinance Enforcement Officer		0.10		0.10		0.00
Project Construction Manager	1.00					

<b>Personnel Summary</b>
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	Approved		Approved		Requested	
	2015/16		2016/17		2017/18	
	FT	PT	FT	PT	FT	PT
<b>Streets Continued</b>						
Project Manager	1.00		1.00		1.00	
Public Works Director	0.28		0.28		0.25	
Public Works Manager	0.67		0.67		0.00	
Seasonal Supervisor		0.30		0.60		0.80
Streets & Drains Operations Mgr.					1.00	
Summer Laborer - Streets		2.60		2.50		3.10
Supt of Parks, Streets & Drains						
<b>Total for Streets</b>	<b>23.89</b>	<b>4.20</b>	<b>22.42</b>	<b>4.60</b>	<b>22.72</b>	<b>5.10</b>
<b>Transportation/Shuttle</b>						
Shuttle Driver	0.00	0.00	0.00	0.00		3.20
Trolley Bus Driver	0.00	0.00	0.00	0.00		1.10
<b>Total for Transportation/Shuttle</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>4.30</b>
<b>Treasurer</b>						
Account Clerk I						
Account Clerk II	3.00		3.00		3.00	
City Treasurer	1.00		1.00		1.00	
<b>Total for Treasurer</b>	<b>4.00</b>	<b>0.00</b>	<b>4.00</b>	<b>0.00</b>	<b>4.00</b>	<b>0.00</b>
<b>Water &amp; Sewer</b>						
Account Clerk I	0.48		0.48		0.48	
Administrative Aide	0.48					
Cross Connection Inspector	1.00		1.00		1.00	
Division Supervisor	1.00		1.00		1.00	
GIS Administrator	0.50		0.50		0.50	
GIS Analyst	0.60		0.60		0.60	
Inventory Control Assistant					1.00	
MSE-C Equipment Operator I	11.00		11.00		11.00	
MSE-D Service Tech I-Water	7.00		7.00		6.00	
MSE-F Equipment Operator II	6.00		6.00		6.00	
MSE-G Leader	3.00		3.00		3.00	
Office Assistant I	3.00		3.00		2.00	



### Personnel Summary

	Approved		Approved		Requested	
	2015/16		2016/17		2017/18	
	FT	PT	FT	PT	FT	PT
<b>Water &amp; Sewer Continued</b>						
Office Assistant II					1.00	
Public Works Coordinator					0.90	
Public Works Director	0.34		0.34		0.25	
Refuse/Recycling/Office Coord	0.90		0.90		0.00	
Summer Laborer - Water		1.40		1.00		1.50
Water & Sewer Operations Mgr.	1.00		1.00		1.00	
<b>Total for Water &amp; Sewer</b>	<b>36.30</b>	<b>1.40</b>	<b>35.82</b>	<b>1.00</b>	<b>35.73</b>	<b>1.50</b>
<b>Grand Total</b>	<b>337.00</b>	<b>122.00</b>	<b>340.00</b>	<b>122.10</b>	<b>349.02</b>	<b>134.00</b>

**New positions for 2017/2018 include:**

**Police** - Added 6 full-time police officers

**Parks/Building Operations** - Added 1 full-time Facility/Grounds Manager (Split)

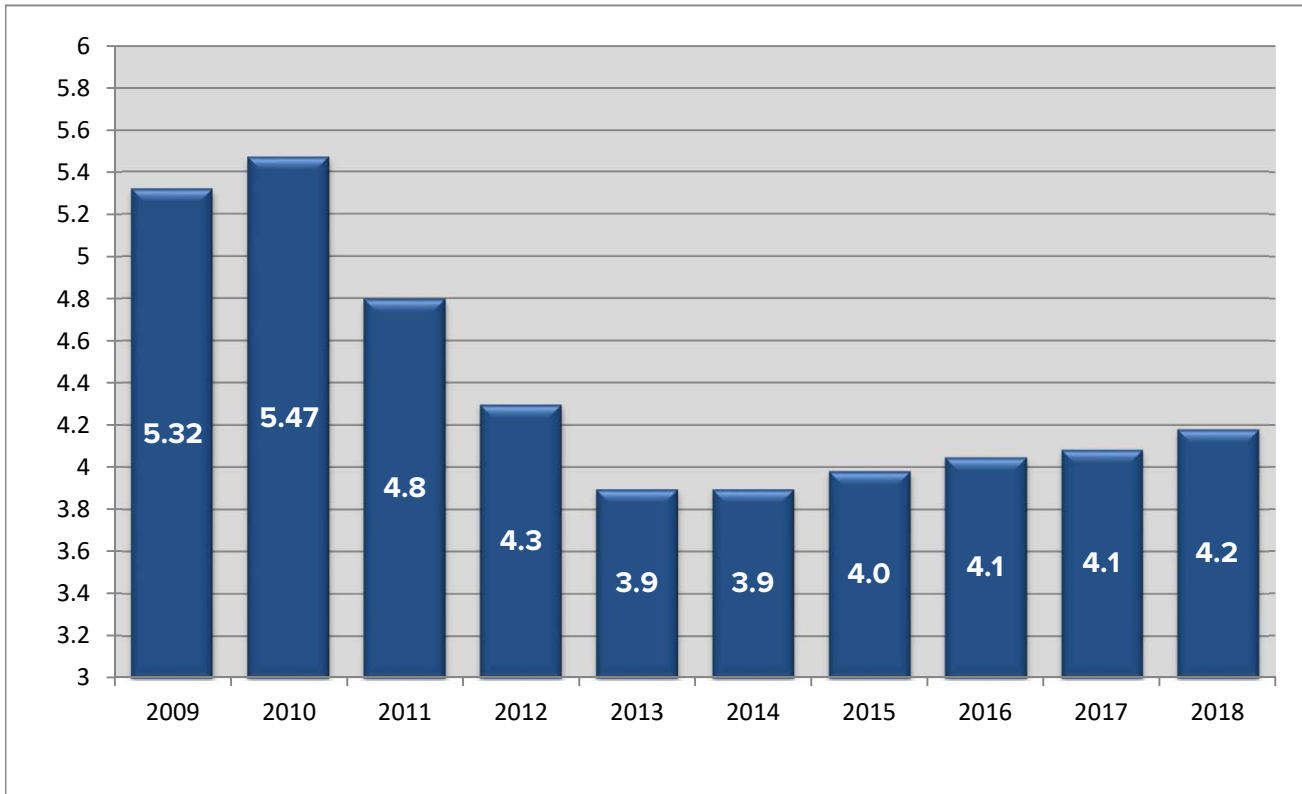
**Recreation** - Added 1 full-time Recreation Supervisor - Seniors

**Library** - Added 1 full-time Technical Services Supervisor (transfer from part-time)

**Part-time positions** - Significant increases include 4.3 FTE's for Shuttle/Trolley services and 6 FTE's for recreation coordinators (portors) to replace contracted services.

**Personnel Summary**

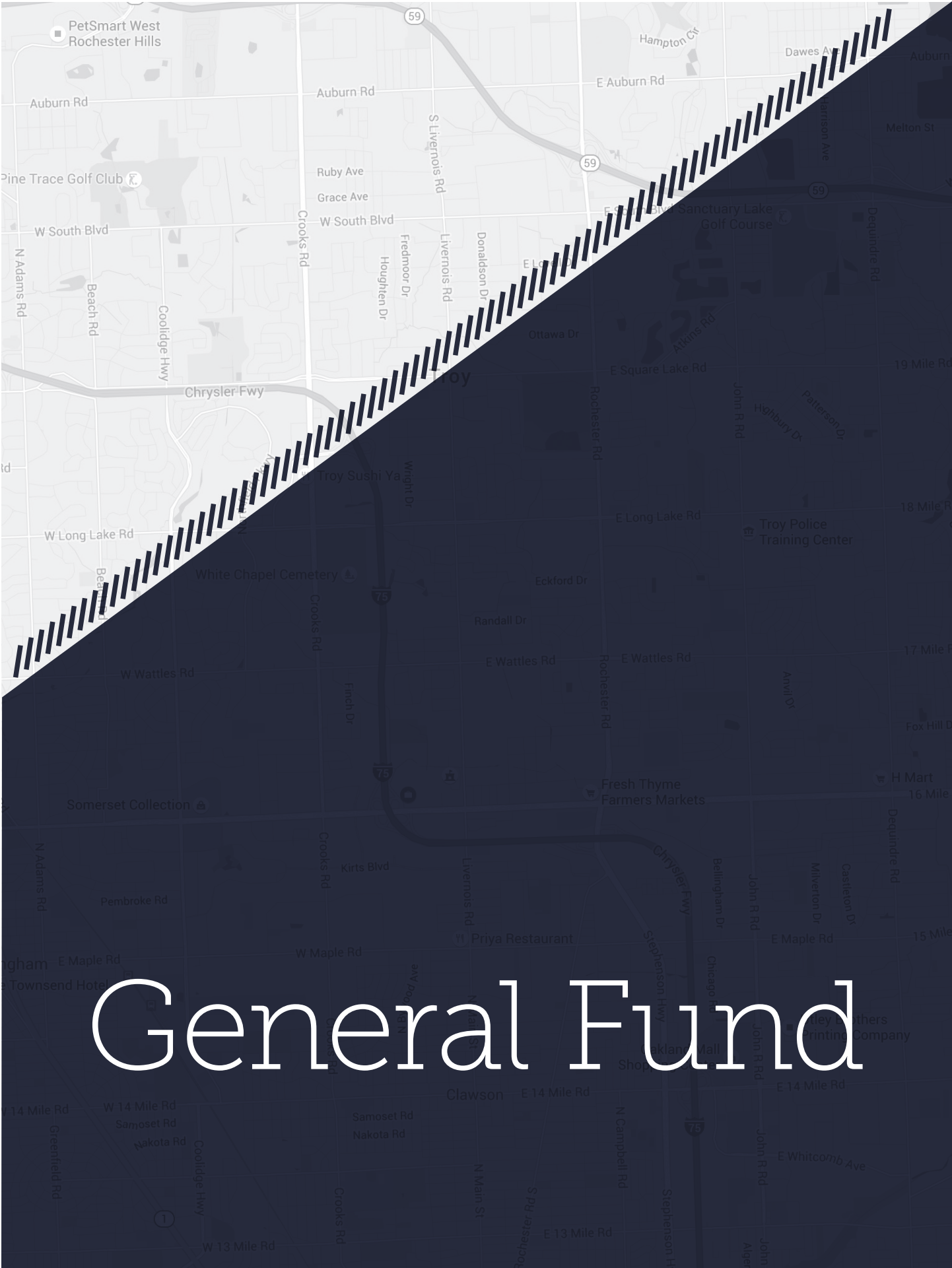
**FULL-TIME EMPLOYEES PER 1,000 POPULATION**



2018 is based on the population estimate provided by the Southeast Michigan Council of Governments (SEMCOG) for July 2015 of 82,339. The 2011 population count reflects the 2010 official U.S. census number of 80,980.



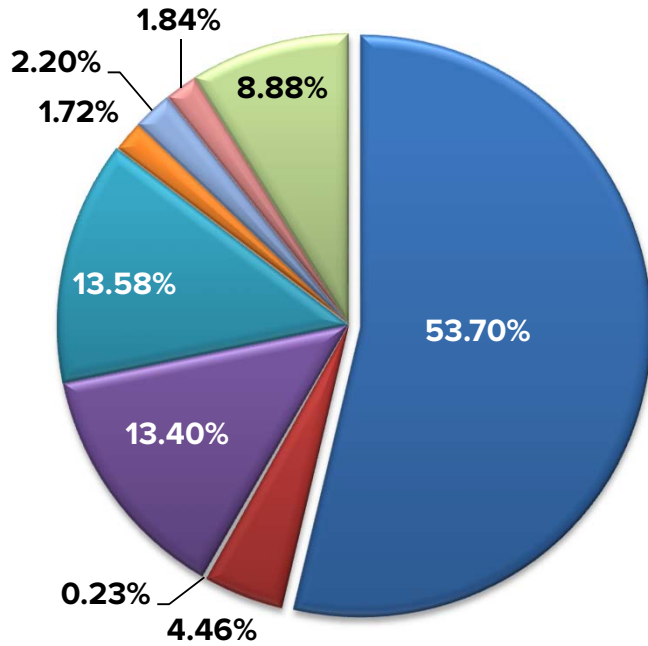
WE EMBRACE DIVERSITY,  
PROMOTE INNOVATION  
AND ENCOURAGE  
COLLABORATION



# General Fund

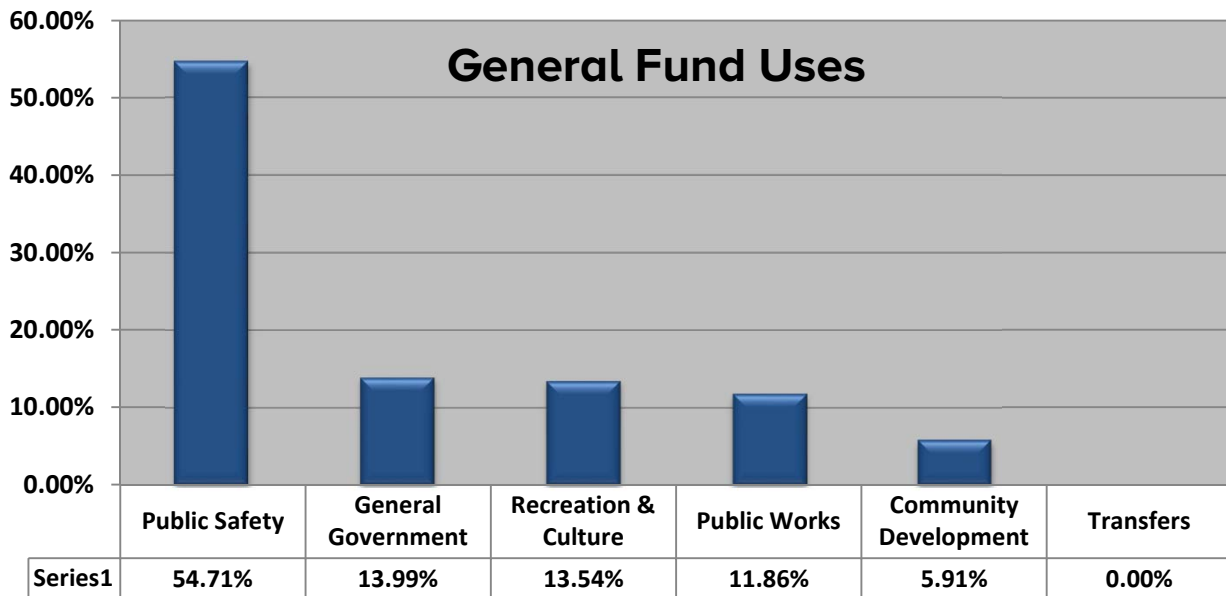
**How the City Allocates General Fund Resources**

**General Fund Revenue Sources**



Millions

- Taxes \$31.64
- Licenses and Permits \$2.626
- Federal, State & Local Grants \$0.132
- State Shared Revenue \$7.899
- Charges for Services \$8.002
- Fines & Forfeitures \$1.011
- Interest & Rents \$1.295
- Other Revenues \$1.085
- Other Sources \$5.233



**General Fund  
Revenues Expenditures and Fund Balance**

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>REVENUE</b>								
Taxes	\$ 29,844,975	\$ 30,486,065	\$ 30,732,150	\$ 30,913,240	\$ 31,648,750	2.38%	\$ 31,970,900	\$ 32,260,260
Licenses And Permits	2,896,531	2,519,343	2,597,640	2,613,750	2,626,250	0.48%	2,675,960	2,709,670
Federal Grants	58,896	29,449	19,000	3,000	18,000	500.00%	13,000	13,000
State Grants	41,034	52,158	53,240	38,500	53,200	38.18%	53,200	53,200
State Shared Revenue	6,604,085	6,604,137	7,837,270	7,100,080	7,899,200	11.26%	7,961,200	8,025,200
Contributions - Local	94,172	94,378	60,750	72,500	61,650	-14.97%	62,550	63,450
Charges For Services	8,827,342	9,313,680	7,703,030	8,150,000	8,002,550	-1.81%	8,363,950	8,419,250
Fines And Forfeitures	1,015,803	983,677	1,034,820	992,250	1,011,750	1.97%	1,011,750	1,011,750
Interest & Rent	1,067,617	1,336,920	1,360,100	1,188,100	1,295,300	9.02%	1,295,300	1,302,500
Other Revenue	1,072,792	1,084,288	1,065,000	1,069,500	1,085,150	1.46%	1,098,350	1,111,300
<b>Total Revenue</b>	<b>51,523,247</b>	<b>52,504,094</b>	<b>52,463,000</b>	<b>52,140,920</b>	<b>53,701,800</b>	<b>2.99%</b>	<b>54,506,160</b>	<b>54,969,580</b>
<b>OTHER FINANCING SOURCES</b>								
Operating Transfers in	4,049,372	3,854,374	4,353,740	4,830,240	5,233,780	8.35%	5,377,660	5,508,940
<b>Total Revenue &amp; Other Financing Sources</b>	<b>55,572,619</b>	<b>56,358,468</b>	<b>56,816,740</b>	<b>56,971,160</b>	<b>58,935,580</b>	<b>3.45%</b>	<b>59,883,820</b>	<b>60,478,520</b>
<b>EXPENDITURES</b>								
<b>General Government</b>								
Council/Executive Administration	3,696,693	3,784,272	4,601,690	4,677,040	4,477,690	-4.26%	4,588,060	4,700,490
Financial Services	2,323,528	2,446,970	2,611,840	2,706,310	2,784,260	2.88%	2,810,030	2,869,890
Other General Government	897,199	1,016,708	1,101,750	1,170,010	1,195,760	2.20%	1,219,610	1,242,870
<b>Total General Government</b>	<b>6,917,419</b>	<b>7,247,951</b>	<b>8,315,280</b>	<b>8,553,360</b>	<b>8,457,710</b>	<b>-1.12%</b>	<b>8,617,700</b>	<b>8,813,250</b>
<b>Public Safety</b>								
Police	22,045,814	21,853,972	22,996,610	24,715,740	25,277,800	2.27%	25,815,780	26,371,015
Fire	6,644,148	4,688,527	4,920,850	4,977,230	5,520,250	10.91%	4,971,280	5,036,818
Building Inspections	2,331,208	2,020,207	2,226,770	2,235,890	2,289,630	2.40%	2,342,760	2,395,710
<b>Total Public Safety</b>	<b>31,021,169</b>	<b>28,562,706</b>	<b>30,144,230</b>	<b>31,928,860</b>	<b>33,087,680</b>	<b>3.63%</b>	<b>33,129,820</b>	<b>33,803,543</b>

**General Fund  
Revenues Expenditures and Fund Balance**

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Public Works</b>								
Streets	5,638,912	5,372,206	6,231,170	6,774,810	7,004,450	3.39%	7,184,150	7,316,270
Transportation/Trolley	-	-	111,190	112,500	169,250	50.44%	171,930	174,650
<b>Total Public Works</b>	<b>5,638,912</b>	<b>5,372,206</b>	<b>6,342,360</b>	<b>6,887,310</b>	<b>7,173,700</b>	<b>4.16%</b>	<b>7,356,080</b>	<b>7,490,920</b>
<b>Community Development</b>								
Engineering	2,319,942	2,269,740	2,575,740	2,418,530	2,620,770	8.36%	2,665,900	2,711,601
Planning	830,352	803,711	884,578	890,290	951,145	6.84%	1,032,585	1,031,245
<b>Total Community Development</b>	<b>3,150,294</b>	<b>3,073,451</b>	<b>3,460,318</b>	<b>3,308,820</b>	<b>3,571,915</b>	<b>7.95%</b>	<b>3,698,485</b>	<b>3,742,846</b>
<b>Recreation and Culture</b>								
Parks	2,372,723	2,432,260	2,827,943	2,894,340	2,928,478	1.18%	2,983,870	3,038,297
Recreation	3,887,644	4,026,506	4,297,630	4,199,110	4,882,780	16.28%	4,744,460	4,820,000
Nature Center	103,015	118,395	121,320	120,430	146,630	21.76%	147,471	147,973
Historic Village	160,490	150,624	196,630	223,700	228,100	1.97%	230,530	233,010
<b>Total Recreation and Culture</b>	<b>6,523,871</b>	<b>6,727,785</b>	<b>7,443,523</b>	<b>7,437,580</b>	<b>8,185,988</b>	<b>10.06%</b>	<b>8,106,331</b>	<b>8,239,280</b>
<b>TOTAL - EXPENDITURES</b>	<b>53,251,666</b>	<b>50,984,099</b>	<b>55,705,711</b>	<b>58,115,930</b>	<b>60,476,993</b>	<b>4.06%</b>	<b>60,908,416</b>	<b>62,089,839</b>
<b>Surplus (Use) Before Other Uses</b>	<b>2,320,952</b>	<b>5,374,369</b>	<b>1,111,029</b>	<b>(1,144,770)</b>	<b>(1,541,413)</b>	<b>34.65%</b>	<b>(1,024,596)</b>	<b>(1,611,319)</b>
<b><u>OTHER FINANCING USES</u></b>								
Operating Transfers Out	5,300,000	7,410,000	4,668,860	4,668,860	-	-100.00%	-	-
<b>TOTAL - EXPENDITURES/TRANS OUT</b>	<b>58,551,666</b>	<b>58,394,099</b>	<b>60,374,571</b>	<b>62,784,790</b>	<b>60,476,993</b>	<b>-3.68%</b>	<b>60,908,416</b>	<b>62,089,839</b>
<b>SURPLUS (USE) OF FUND BALANCE</b>	<b>(2,979,048)</b>	<b>(2,035,631)</b>	<b>(3,557,831)</b>	<b>(5,813,630)</b>	<b>(1,541,413)</b>	<b>-73.49%</b>	<b>(1,024,596)</b>	<b>(1,611,319)</b>
<b>BEGINNING FUND BALANCE</b>	<b>36,058,636</b>	<b>33,079,588</b>	<b>31,043,957</b>	<b>31,043,957</b>	<b>27,486,126</b>	<b>-11.46%</b>	<b>25,944,713</b>	<b>24,920,117</b>
<b>ENDING FUND BALANCE</b>	<b>\$ 33,079,588</b>	<b>\$ 31,043,957</b>	<b>\$ 27,486,126</b>	<b>\$ 25,230,327</b>	<b>\$ 25,944,713</b>	<b>2.83%</b>	<b>\$ 24,920,117</b>	<b>\$ 23,308,798</b>

**General Fund  
Revenue Detailed By Account**

		2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>REVENUE</b>									
<b>TAXES</b>									
4402	Property Taxes	\$ 28,033,534	\$ 28,630,740	\$ 28,922,000	\$ 29,019,740	\$ 29,803,800	2.70%	\$ 30,111,650	\$ 30,386,610
4423	Mobile Home Tax	985	542	650	1,000	650	-35.00%	650	650
4427	Senior Citizen Housing	36,970	37,460	37,500	37,500	37,500	0.00%	37,500	37,500
4445	Tax Penalties And Interest	413,740	431,743	380,000	450,000	380,000	-15.56%	380,000	380,000
4447	Administration Fee	1,359,747	1,385,580	1,392,000	1,405,000	1,426,800	1.55%	1,441,100	1,455,500
<b>TOTAL - TAXES</b>		<b>29,844,975</b>	<b>30,486,065</b>	<b>30,732,150</b>	<b>30,913,240</b>	<b>31,648,750</b>	<b>2.38%</b>	<b>31,970,900</b>	<b>32,260,260</b>
<b>BUSINESS LICENSES AND PERMITS</b>									
4451.20	Electric, Plumbing, Heating	10,400	9,396	12,500	8,200	12,500	52.44%	12,500	12,500
4451.30	Builders	3,055	3,570	3,600	3,600	3,700	2.78%	3,800	3,800
4451.40	Sign Erectors	150	240	150	200	160	-20.00%	170	180
4451.50	Service Stations	200	175	210	200	210	5.00%	210	210
4451.60	Amusements	18,866	18,421	20,000	30,000	20,000	-33.33%	20,000	20,000
4451.70	Other	17,828	19,704	2,200	22,000	2,200	-90.00%	2,200	2,200
<b>TOTAL - LICENSES AND PERMITS</b>		<b>50,499</b>	<b>51,506</b>	<b>38,660</b>	<b>64,200</b>	<b>38,770</b>	<b>-39.61%</b>	<b>38,880</b>	<b>38,890</b>
<b>NON-BUSINESS LICENSES AND PERMIT</b>									
4476.10	Refrig. And Air Cond	-	-	-	-	-	0.00%	-	-
4476.15	Building	2,071,964	1,696,909	1,800,000	1,778,000	1,814,000	2.02%	1,850,000	1,870,000
4476.20	Electrical	141,013	174,791	178,000	155,000	181,000	16.77%	184,000	187,000
4476.25	Mechanical Permits	148,251	155,398	150,000	152,000	153,000	0.66%	155,000	157,000
4476.30	Plumbing	123,172	126,504	124,000	124,000	127,000	2.42%	130,000	133,000
4476.35	Animal	19,912	(13,327)	2,500	2,500	2,500	0.00%	2,500	2,500
4476.40	Sidewalks	12,917	13,271	13,500	15,100	13,700	-9.27%	13,900	14,100



**General Fund  
Revenue Detailed By Account**

		2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
4476.45	Fence	3,336	3,818	3,600	3,600	3,700	2.78%	3,800	3,900
4476.50	Sewer Inspection	15,500	11,579	10,800	13,800	10,800	-21.74%	10,800	10,800
4476.55	Right Of Way	25,900	7,630	8,000	25,000	8,000	-68.00%	8,000	8,000
4476.60	Mult. Dwelling Inspect.	35,620	49,940	35,000	45,000	35,700	-20.67%	36,400	37,100
4476.65	Grading	11,790	6,805	7,000	8,100	7,100	-12.35%	7,200	7,300
4476.70	Fire Protection	112,489	116,622	119,500	115,000	121,800	5.91%	124,300	126,800
4476.75	Occupancy	83,177	60,518	62,000	66,000	63,300	-4.09%	64,500	65,800
4476.80	Sign	30,183	28,908	25,000	30,500	25,500	-16.39%	26,000	26,500
4476.85	Fireworks	250	375	380	350	380	8.57%	380	380
4476.90	Hazardous Materials	10,000	27,500	19,000	15,000	19,300	28.67%	19,600	19,900
4476.95	Miscellaneous	560	595	700	600	700	16.67%	700	700
<b>TOTAL - NON-BUS. LICENSE/PERMIT</b>		<b>2,846,032</b>	<b>2,467,837</b>	<b>2,558,980</b>	<b>2,549,550</b>	<b>2,587,480</b>	<b>1.49%</b>	<b>2,637,080</b>	<b>2,670,780</b>
<b>TOTAL - LICENSES AND PERMITS</b>		<b>2,896,531</b>	<b>2,519,343</b>	<b>2,597,640</b>	<b>2,613,750</b>	<b>2,626,250</b>	<b>0.48%</b>	<b>2,675,960</b>	<b>2,709,670</b>

**FEDERAL GRANTS**

4500	General	-	15,625	-	-	-	0.00%	-	-
4507	Domestic Preparedness	-	-	-	-	-	0.00%	-	-
4510	Vest	11,496	-	-	3,000	-	-100.00%	-	-
4510.010	Bullet Proof Vest	-	2,102	15,000	-	15,000	100.00%	10,000	10,000
4512.020	Homeland Security	-	11,722	4,000	-	3,000	100.00%	3,000	3,000
4516	Fire Act	-	-	-	-	-	0.00%	-	-
4519	Eecbg	-	-	-	-	-	0.00%	-	-
4520	Eecbg	31,716	-	-	-	-	0.00%	-	-
4569.200	FEMA Disaster	15,685	-	-	-	-	0.00%	-	-
<b>TOTAL - FEDERAL GRANTS</b>		<b>\$ 58,896</b>	<b>\$ 29,449</b>	<b>\$ 19,000</b>	<b>\$ 3,000</b>	<b>\$ 18,000</b>	<b>500.00%</b>	<b>\$ 13,000</b>	<b>\$ 13,000</b>

**General Fund  
Revenue Detailed By Account**

		2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>STATE GRANTS</b>									
4512	Mcoles Police Academy	1,000	-	-	1,000	-	-100.00%	-	-
4543.100	Criminal Justice	17,378	18,723	19,500	15,000	19,500	30.00%	19,500	19,500
4543.120	911 Training	22,656	26,935	20,000	20,000	20,000	0.00%	20,000	20,000
4543.130	Oakland County NET	-	2,500	9,740	2,500	9,700	288.00%	9,700	9,700
4569.110	Other Grants	-	4,000	4,000	-	4,000	100.00%	4,000	4,000
<b>TOTAL - OTHER GRANTS</b>		<b>\$ 41,034</b>	<b>\$ 52,158</b>	<b>\$ 53,240</b>	<b>\$ 38,500</b>	<b>\$ 53,200</b>	<b>38.18%</b>	<b>\$ 53,200</b>	<b>\$ 53,200</b>
<b>STATE REVENUE SHARING</b>									
4574.010	Homestead Exemption Reimb	6,206	7,381	6,400	8,000	6,400	-20.00%	6,400	6,400
4574.020	Liquor Licenses	56,319	61,124	64,800	62,000	64,800	4.52%	64,800	64,800
4574.030	Sales Tax	6,170,125	6,164,197	6,194,100	6,194,100	6,256,000	1.00%	6,318,000	6,382,000
4574.040	Evip	371,435	371,435	371,500	371,500	371,500	0.00%	371,500	371,500
4574.050	EMPP/PPEL Reimbursement	-	-	1,200,470	464,480	1,200,500	158.46%	1,200,500	1,200,500
<b>TOTAL - STATE REVENUE SHARING</b>		<b>\$ 6,604,085</b>	<b>\$ 6,604,137</b>	<b>\$ 7,837,270</b>	<b>\$ 7,100,080</b>	<b>\$ 7,899,200</b>	<b>11.26%</b>	<b>\$ 7,961,200</b>	<b>\$ 8,025,200</b>
<b>TOTAL - STATE SOURCES</b>		<b>\$ 6,645,119</b>	<b>\$ 6,656,294</b>	<b>\$ 7,890,510</b>	<b>\$ 7,138,580</b>	<b>\$ 7,952,400</b>	<b>11.40%</b>	<b>\$ 8,014,400</b>	<b>\$ 8,078,400</b>
<b>CONTRIBUTIONS - LOCAL</b>									
4581	RAP Grants/MMRMA	42,296	-	-	30,000	-	-100.00%	-	-
4582	Public Safety	46,646	48,579	46,000	35,000	46,900	34.00%	47,800	48,700
4589	County-West Nile	5,230	7,733	14,750	7,500	14,750	96.67%	14,750	14,750
4590.100	RAP Grants/MMRMA	-	38,066	-	-	-	0.00%	-	-
<b>TOTAL - CONTRIBUTIONS - LOCAL</b>		<b>\$ 94,172</b>	<b>\$ 94,378</b>	<b>\$ 60,750</b>	<b>\$ 72,500</b>	<b>\$ 61,650</b>	<b>30.67%</b>	<b>\$ 62,550</b>	<b>\$ 63,450</b>

**General Fund  
Revenue Detailed By Account**

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	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b><u>CHARGES FOR SERVICES - FEES</u></b>								
4607.015 Auto Crash Damage	-	8,086	1,350	-	1,500	100.00%	1,500	1,500
4607.018 Fire Alarm Registration	-	-	20,600	-	20,000	100.00%	20,000	20,000
4607.020 Building B Of A	1,650	1,250	1,300	1,300	1,300	0.00%	1,300	1,300
4607.025 Bus. Occupancy Permit	3,700	4,300	3,200	5,000	3,200	-36.00%	3,200	3,200
4607.030 Catv Franchise Fees	1,374,236	1,426,871	1,428,000	1,428,000	1,456,000	1.96%	1,485,000	1,514,000
4607.035 Ift Exemption Fee	1,073	-	1,000	1,000	1,000	0.00%	1,000	1,000
4607.050 Miscellaneous	(1,152)	1,065	300	2,000	500	-75.00%	500	500
4607.070 Plan Review	216,636	168,415	175,000	175,000	179,000	2.29%	182,000	182,000
4607.085 Non-Sufficient Funds	8,450	8,904	8,500	10,000	8,500	-15.00%	8,500	8,500
4607.090 Planned Unit Develop App.	3,000	-	1,800	-	1,800	100.00%	1,800	1,800
4607.095 Police Arrest Bookings	-	-	100	-	100	100.00%	100	100
4607.110 Site Plans	18,635	22,990	25,000	25,000	25,000	0.00%	25,000	25,000
4607.135 Telecom - Metro	207,294	279,064	280,000	240,000	280,000	16.67%	280,000	280,000
4607.140 Towing	32,490	141,780	32,000	32,000	32,000	0.00%	32,000	32,000
4607.150 Vital Statistics	159,302	164,087	166,000	163,000	166,000	1.84%	169,000	172,000
4607.170 Zoning Board Of Appeals	1,350	2,100	2,400	1,600	2,400	50.00%	2,400	2,400
4607.180 Zoning	7,700	6,100	6,900	5,000	7,000	40.00%	7,000	7,000
<b>TOTAL - CHARGES FOR FEES</b>	<b>\$ 2,034,364</b>	<b>\$ 2,235,013</b>	<b>\$ 2,153,450</b>	<b>\$ 2,088,900</b>	<b>\$ 2,185,300</b>	<b>4.61%</b>	<b>\$ 2,220,300</b>	<b>\$ 2,252,300</b>

**General Fund  
Revenue Detailed By Account**

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	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed	
<b><u>CHARGES/SERVICES RENDERED</u></b>									
4626.010	Open And Close Cemetery	4,640	3,548	3,000	3,000	3,000	0.00%	3,000	3,000
4626.020	Court Ordered Pmt & Ins	8,761	1,670	1,900	500	2,000	300.00%	2,000	2,000
4626.030	County Road Maintenance	269,667	274,661	280,150	275,000	280,150	1.87%	280,150	280,150
4626.060	Department Of Public Works	134,666	72,351	55,000	60,000	60,000	0.00%	60,000	60,000
4626.070	Duplicating And Photostats	9,560	3,976	5,000	7,100	7,200	1.41%	7,300	7,300
4626.080	Election Services	46,037	5,059	57,820	300	300	0.00%	300	300
4626.085	Special School Election Svcs	-	-	-	-	-	0.00%	-	-
4626.090	Engineering Fees	2,644,614	2,895,966	1,200,000	1,900,000	1,500,000	-21.05%	1,800,000	1,800,000
4626.100	Landscaping/Tree Pres Plan	-	-	-	-	-	0.00%	-	-
4626.110	Microfilming	5,693	4,988	5,000	5,000	5,000	0.00%	5,000	5,000
4626.120	Miscellaneous	2,402	2,681	3,000	3,000	3,000	0.00%	3,000	3,000
4626.125	Passports	64,587	56,476	55,000	60,000	55,000	-8.33%	55,000	55,000
4626.130	Police Services - Contract	131,265	80,270	110,000	110,000	110,000	0.00%	110,000	110,000
4626.132	Police Services - Somerset	168,675	279,088	245,000	245,000	250,000	2.04%	255,000	260,000
4626.135	Police Services - Clawson	179,412	186,588	194,000	194,000	196,000	1.03%	198,000	200,000
4626.140	Police Reports	56,424	54,204	55,000	55,000	55,000	0.00%	55,000	55,000
4626.141	Police Pbt	85	160	200	200	200	0.00%	200	200
4626.142	Police Training/Seminars	16,410	-	-	-	-	0.00%	-	-
4626.170	Row	6,120	15,840	10,000	10,000	10,000	0.00%	10,000	10,000
4626.210	Soil Erosion	39,770	20,848	20,000	30,000	20,000	-33.33%	20,000	20,000
4626.220	Special Row Maintenance	-	-	-	-	-	0.00%	-	-
4626.230	Weed Cutting	3,681	12,566	22,000	10,000	10,000	0.00%	10,000	10,000
4626.270	Snow Removal	1,672	-	-	-	-	0.00%	-	-
<b>TOTAL-CHARGE SERVICE RENDERED</b>		<b>\$ 3,794,139</b>	<b>\$ 3,970,939</b>	<b>\$ 2,322,070</b>	<b>\$ 2,968,100</b>	<b>\$ 2,566,850</b>	<b>-13.52%</b>	<b>\$ 2,873,950</b>	<b>\$ 2,880,950</b>

**General Fund  
Revenue Detailed By Account**

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b><u>CHARGES/SERVICE - SALES</u></b>								
4642.010 Abandoned Vehicles	45,755	49,512	50,000	37,000	50,000	35.14%	50,000	50,000
4642.020 Auction- Property	8,055	10,019	5,000	5,000	5,000	0.00%	5,000	5,000
4642.070 Miscellaneous	17,751	12,709	17,000	15,000	17,300	15.33%	17,600	17,900
4642.080 Printed Materials	2,939	443	500	3,000	500	-83.33%	500	500
4642.100 Outdoor Edu. Center	200	1,031	100	500	100	-80.00%	100	100
4642.115 Senior Store	26,913	27,597	28,000	28,000	25,000	-10.71%	25,000	25,000
4642.120 Sign Installation	4,946	2,977	2,500	2,500	2,500	0.00%	2,500	2,500
4642.150 Tree Planting	16,220	13,480	35,000	16,000	40,000	150.00%	40,000	40,000
<b>TOTAL - CHARGES/SERVICE - SALES</b>	<b>\$ 122,777</b>	<b>\$ 117,767</b>	<b>\$ 138,100</b>	<b>\$ 107,000</b>	<b>\$ 140,400</b>	<b>31.21%</b>	<b>\$ 140,700</b>	<b>\$ 141,000</b>
<b><u>CHARGES/SERVICE - USE/ADMIN</u></b>								
4651.050 Nature Center	-	-	-	-	-	0.00%	-	-
4651.074 Senior Citizen Activity	225,629	231,270	235,000	235,000	245,000	4.26%	247,000	248,000
4651.075 Community Center Passes	1,634,343	1,643,000	1,716,000	1,716,000	1,720,000	0.23%	1,720,000	1,725,000
4651.076 Community Center Swim	218,464	232,699	230,000	230,000	235,000	2.17%	240,000	240,000
4651.077 Community Center Fitness	33,279	37,638	50,000	35,000	50,000	42.86%	50,000	55,000
4651.078 Comm. Prog./Events	9,594	50,994	25,000	25,000	25,000	0.00%	27,000	27,000
4651.080 Recreation	754,753	794,360	820,000	745,000	820,000	10.07%	830,000	835,000
4651.090 Winter Program	-	-	-	-	-	0.00%	-	-
4653.105 Big Beaver 5K Run	-	-	13,410	-	15,000	100.00%	15,000	15,000
<b>TOTAL - CHARGES FOR USE/ADMIN</b>	<b>\$ 2,876,061</b>	<b>\$ 2,989,960</b>	<b>\$ 3,089,410</b>	<b>\$ 2,986,000</b>	<b>\$ 3,110,000</b>	<b>4.15%</b>	<b>\$ 3,129,000</b>	<b>\$ 3,145,000</b>
<b>TOTAL - CHARGES FOR SERVICES</b>	<b>\$ 8,827,342</b>	<b>\$ 9,313,680</b>	<b>\$ 7,703,030</b>	<b>\$ 8,150,000</b>	<b>\$ 8,002,550</b>	<b>-1.81%</b>	<b>\$ 8,363,950</b>	<b>\$ 8,419,250</b>

**General Fund  
Revenue Detailed By Account**

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b><u>FINES AND FORFEITS</u></b>								
4655.010 County -Court	607,166	569,738	600,000	600,000	600,000	0.00%	600,000	600,000
4655.020 Drug Forfeiture Proceeds	-	-	-	-	-	0.00%	-	-
4655.022 Police Investigations	43,650	67,035	66,000	35,000	50,000	42.86%	50,000	50,000
4655.030 False Alarms - Fire Dept	48,888	52,225	60,000	46,000	55,000	19.57%	55,000	55,000
4655.040 False Alarms - Police	222,313	225,385	237,000	220,000	235,000	6.82%	235,000	235,000
4655.046 Federal Drug Forfeiture	-	-	-	-	-	0.00%	-	-
4655.060 Ouil Reimbursement	91,720	67,599	70,000	90,000	70,000	-22.22%	70,000	70,000
4655.062 Owi Forfeiture	-	-	-	-	-	0.00%	-	-
4655.065 Civil Infractions	515	65	250	250	250	0.00%	250	250
4655.066 State Drug Forfeiture	-	-	-	-	-	0.00%	-	-
4655.070 Bond Processing Fees	1,552	1,630	1,570	1,000	1,500	50.00%	1,500	1,500
<b>TOTAL - FINES AND FORFEITS</b>	<b>\$ 1,015,803</b>	<b>\$ 983,677</b>	<b>\$ 1,034,820</b>	<b>\$ 992,250</b>	<b>\$ 1,011,750</b>	<b>1.97%</b>	<b>\$ 1,011,750</b>	<b>\$ 1,011,750</b>
<b><u>RENT INCOME</u></b>								
4667.010 Building Rent	273,707	257,486	261,500	261,500	261,500	0.00%	261,500	261,500
4667.015 Communication Tower	43,200	21,600	129,600	57,600	64,800	12.50%	64,800	72,000
4667.020 Concession Stand	2,400	-	-	-	-	0.00%	-	-
4667.025 Community Center Rent	294,300	282,979	315,000	315,000	315,000	0.00%	315,000	315,000
4667.028 Flynn Park - Beaumont	15,000	-	15,000	15,000	15,000	0.00%	15,000	15,000
4667.075 Field Maintenance	106,590	104,393	100,000	100,000	100,000	0.00%	100,000	100,000
4667.085 Parking Lot (Smart)	176,984	183,708	170,000	170,000	170,000	0.00%	170,000	170,000
4667.095 Tennis Bubble	26,562	26,562	29,000	29,000	29,000	0.00%	29,000	29,000
4667.268 Transit Center Sponsorship	-	-	-	-	-	0.00%	-	-
<b>TOTAL - RENT INCOME</b>	<b>\$ 938,744</b>	<b>\$ 876,729</b>	<b>\$ 1,020,100</b>	<b>\$ 948,100</b>	<b>\$ 955,300</b>	<b>0.76%</b>	<b>\$ 955,300</b>	<b>\$ 962,500</b>

**General Fund  
Revenue Detailed By Account**

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b><u>INVESTMENT INCOME</u></b>								
4669.020 Investment Income	128,874	460,192	340,000	240,000	340,000	41.67%	340,000	340,000
<b>TOTAL - INVESTMENT INCOME</b>	<b>\$ 128,874</b>	<b>\$ 460,192</b>	<b>\$ 340,000</b>	<b>\$ 240,000</b>	<b>\$ 340,000</b>	<b>41.67%</b>	<b>\$ 340,000</b>	<b>\$ 340,000</b>
<b>TOTAL - INTEREST AND RENTS</b>	<b>\$ 1,067,617</b>	<b>\$ 1,336,920</b>	<b>\$ 1,360,100</b>	<b>\$ 1,188,100</b>	<b>\$ 1,295,300</b>	<b>9.02%</b>	<b>\$ 1,295,300</b>	<b>\$ 1,302,500</b>
<b><u>MISCELLANEOUS</u></b>								
4694 Cash Over/(Short)	122	480	-	-	-	0.00%	-	-
4671 Miscellaneous	17,726	18,992	25,000	25,000	25,000	0.00%	25,000	25,000
<b>TOTAL - MISCELLANEOUS</b>	<b>\$ 17,849</b>	<b>\$ 19,472</b>	<b>\$ 25,000</b>	<b>\$ 25,000</b>	<b>\$ 25,000</b>	<b>\$ -</b>	<b>\$ 25,000</b>	<b>\$ 25,000</b>
<b><u>PRIVATE CONTRIBUTIONS</u></b>								
4675.050 Fire Department	-	-	-	-	-	0.00%	-	-
4675.060 Miscellaneous	6,400	4,100	-	-	-	0.00%	-	-
4675.070 Museum	-	-	-	-	-	0.00%	-	-
4675.080 Police	-	3,000	-	-	-	0.00%	-	-
4675.100 Other	407	-	-	-	-	0.00%	-	-
4675.110 Parks And Recreation	11,550	12,000	7,500	10,000	10,000	0.00%	10,000	10,000
<b>TOTAL - PRIVATE CONTRIBUTIONS</b>	<b>\$ 18,357</b>	<b>\$ 19,100</b>	<b>\$ 7,500</b>	<b>\$ 10,000</b>	<b>\$ 10,000</b>	<b>0.00%</b>	<b>\$ 10,000</b>	<b>\$ 10,000</b>
<b><u>REIMBURSEMENTS</u></b>								
4676.010 Reimbursements	5,135	13,073	5,000	5,000	5,000	0.00%	5,000	5,000
4676.268 Multimodal Transit Center	-	-	-	-	-	0.00%	-	-
<b>TOTAL - REIMBURSEMENTS</b>	<b>\$ 5,135</b>	<b>\$ 13,073</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>	<b>0.00%</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>

**General Fund  
Revenue Detailed By Account**

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b><u>ADMINISTRATIVE CHARGES</u></b>								
4677.226 Refuse	93,000	94,000	95,000	94,000	96,000	2.13%	97,000	98,000
4677.271 Library	45,000	45,500	46,000	45,500	47,500	4.40%	49,000	50,000
4677.301 Debt Service	59,900	60,500	60,500	60,500	61,500	1.65%	62,500	63,500
4677.584 Golf Course	10,000	10,100	10,200	10,200	10,300	0.98%	10,400	10,500
4677.590 Sewer	290,200	293,100	296,000	296,000	299,000	1.01%	302,000	305,000
4677.591 Water	358,300	361,900	365,500	365,500	369,200	1.01%	375,000	380,600
4677.661 Motor Pool	75,000	75,800	77,000	76,500	79,550	3.99%	79,550	79,700
4677.731 Retirement System	76,000	76,500	77,300	77,300	78,100	1.03%	78,900	80,000
<b>TOTAL - ADMINISTRATIVE CHARGES</b>	<b>\$ 1,007,400</b>	<b>\$ 1,017,400</b>	<b>\$ 1,027,500</b>	<b>\$ 1,025,500</b>	<b>\$ 1,041,150</b>	<b>1.53%</b>	<b>\$ 1,054,350</b>	<b>\$ 1,067,300</b>
<b><u>REFUNDS AND REBATES</u></b>								
4687.040 Rebates	24,052	15,243	-	4,000	4,000	0.00%	4,000	4,000
<b>TOTAL - REFUNDS AND REBATES</b>	<b>\$ 24,052</b>	<b>\$ 15,243</b>	<b>\$ -</b>	<b>\$ 4,000</b>	<b>\$ 4,000</b>	<b>0.00%</b>	<b>\$ 4,000</b>	<b>\$ 4,000</b>
<b>TOTAL - OTHER REVENUE</b>	<b>\$ 1,072,792</b>	<b>\$ 1,084,288</b>	<b>\$ 1,065,000</b>	<b>\$ 1,069,500</b>	<b>\$ 1,085,150</b>	<b>1.46%</b>	<b>\$ 1,098,350</b>	<b>\$ 1,111,300</b>
<b>TOTAL - REVENUE</b>	<b>\$ 51,523,247</b>	<b>\$ 52,504,094</b>	<b>\$ 52,463,000</b>	<b>\$ 52,140,920</b>	<b>\$ 53,701,800</b>	<b>2.99%</b>	<b>\$ 54,506,160</b>	<b>\$ 54,969,580</b>



**General Fund  
Revenue Detailed By Account**

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b><u>OTHER FINANCING SOURCES</u></b>								
<b><u>OPERATING TRANSFERS IN</u></b>								
4699.101 General	-	-	-	-	-	0.00%	-	-
4699.150 Cemetery Fund	1,565	-	2,100	2,100	2,100	0.00%	2,100	2,100
4699.202 Major Street Fund	2,193,155	2,147,952	2,066,650	2,357,240	2,435,180	3.31%	2,505,600	2,571,990
4699.203 Local Streets Fund	1,702,573	1,561,201	2,054,600	2,281,840	2,577,710	12.97%	2,645,860	2,706,400
4699.243 LDFA	5,000	5,000	5,000	5,000	5,000	0.00%	5,000	5,000
4699.248 DDA	142,079	135,221	220,390	179,060	208,790	16.60%	214,100	218,450
4699.250 Brownfield	5,000	5,000	5,000	5,000	5,000	0.00%	5,000	5,000
4699.403 Special Assessment	-	-	-	-	-	0.00%	-	-
4699.590 Sewer	-	-	-	-	-	0.00%	-	-
4699.661 Motor Pool	-	-	-	-	-	0.00%	-	-
<b>TOTAL - OPERATING TRANSFERS IN</b>	<b>\$ 4,049,372</b>	<b>\$ 3,854,374</b>	<b>\$ 4,353,740</b>	<b>\$ 4,830,240</b>	<b>\$ 5,233,780</b>	<b>8.35%</b>	<b>\$ 5,377,660</b>	<b>\$ 5,508,940</b>
<b>TOTAL - OTHER FINANCING SOURCES</b>	<b>\$ 4,049,372</b>	<b>\$ 3,854,374</b>	<b>\$ 4,353,740</b>	<b>\$ 4,830,240</b>	<b>\$ 5,233,780</b>	<b>8.35%</b>	<b>\$ 5,377,660</b>	<b>\$ 5,508,940</b>
<b>1010 TOTAL - GENERAL FUND REVENUE</b>	<b>\$ 55,572,619</b>	<b>\$ 56,358,468</b>	<b>\$ 56,816,740</b>	<b>\$ 56,971,160</b>	<b>\$ 58,935,580</b>	<b>3.45%</b>	<b>\$ 59,883,820</b>	<b>\$ 60,478,520</b>

**General Fund  
Expenditure Details By Department**

		2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>GENERAL GOVERNMENT</b>									
<b>Council/Executive Administration</b>									
102	Council	\$ 88,390	\$ 82,003	\$ 83,130	\$ 84,750	\$ 85,080	0.39%	\$ 86,820	\$ 88,700
172	City Manager	1,432,654	1,510,254	1,989,990	2,077,600	1,887,040	-9.17%	1,927,300	1,967,870
215	Clerks Office								
215	Clerk	386,520	388,119	507,620	414,550	526,340	26.97%	537,360	548,640
262	Elections	248,487	224,371	180,480	302,560	84,270	-72.15%	125,520	147,530
266	City Attorney	1,042,015	1,062,934	1,315,470	1,193,160	1,273,050	6.70%	1,297,980	1,322,940
270	Human Resources	498,627	516,592	525,000	604,420	621,910	2.89%	613,080	624,810
<b>Total Council/Executive Administration</b>		<b>\$ 3,696,693</b>	<b>\$ 3,784,272</b>	<b>\$ 4,601,690</b>	<b>\$ 4,677,040</b>	<b>\$ 4,477,690</b>	<b>-4.26%</b>	<b>\$ 4,588,060</b>	<b>\$ 4,700,490</b>
<b>Financial Services</b>									
191	Finance Department								
191	Accounting	\$ 662,732	\$ 697,382	\$ 742,890	\$ 797,930	\$ 818,740	2.61%	\$ 836,190	\$ 854,080
192	Risk Management	827	-	-	-	-	0.00%	-	-
223	Independent Auditor	57,000	57,000	57,000	57,000	58,140	2.00%	59,300	60,500
233	Treasurer's Office	500,008	548,033	544,900	557,600	567,380	1.75%	577,340	588,250
247	Purchasing	232,836	243,112	250,040	256,860	294,900	14.81%	268,640	274,440
253	Assessing								
253	Board of Review	1,328	1,271	2,490	2,490	2,490	0.00%	2,530	2,570
257	Assessor's Office	868,797	900,173	1,014,520	1,034,430	1,042,610	0.79%	1,066,030	1,090,050
<b>Total Financial Services</b>		<b>\$ 2,323,528</b>	<b>\$ 2,446,970</b>	<b>\$ 2,611,840</b>	<b>\$ 2,706,310</b>	<b>\$ 2,784,260</b>	<b>2.88%</b>	<b>\$ 2,810,030</b>	<b>\$ 2,869,890</b>
<b>Other General Government</b>									
264	Building Operations								
261	Fire/Police Training Center	\$ 79,251	\$ 74,631	\$ 95,050	\$ 105,250	\$ 108,200	2.80%	\$ 110,250	\$ 112,380
265	City Hall	606,472	737,257	777,400	805,770	824,430	2.32%	840,950	856,700
277	District Court	211,475	204,820	229,300	258,990	263,130	1.60%	268,410	273,790
<b>Total Other General Government</b>		<b>\$ 897,199</b>	<b>\$ 1,016,708</b>	<b>\$ 1,101,750</b>	<b>\$ 1,170,010</b>	<b>\$ 1,195,760</b>	<b>2.20%</b>	<b>\$ 1,219,610</b>	<b>\$ 1,242,870</b>
<b>TOTAL GENERAL GOVERNMENT</b>		<b>\$ 6,917,419</b>	<b>\$ 7,247,951</b>	<b>\$ 8,315,280</b>	<b>\$ 8,553,360</b>	<b>\$ 8,457,710</b>	<b>-1.12%</b>	<b>\$ 8,617,700</b>	<b>\$ 8,813,250</b>

**General Fund  
Expenditure Details By Department**

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>PUBLIC SAFETY</b>								
<b>Police</b>								
<b>10 Executive Administration</b>								
305 Police Administration	\$ 1,537,854	\$ 1,458,083	\$ 1,640,460	\$ 1,631,710	\$ 1,661,660	1.84%	\$ 1,668,420	\$ 1,702,095
320 Professional Standards	659,248	700,721	734,310	749,930	762,290	1.65%	780,810	797,950
<b>Total Executive Administration</b>	<b>2,197,102</b>	<b>2,158,804</b>	<b>2,374,770</b>	<b>2,381,640</b>	<b>2,423,950</b>	<b>1.78%</b>	<b>2,449,230</b>	<b>2,500,045</b>
<b>11 Investigative/Admin Services</b>								
307 Investigations Services	2,012,463	1,949,709	2,088,840	2,159,590	2,202,000	1.96%	2,257,420	2,305,630
308 Crime Information Unit	489,928	478,993	494,480	502,090	496,730	-1.07%	508,350	519,140
309 Special Investigations Unit	528,897	550,820	596,790	594,160	592,280	-0.32%	601,560	614,480
311 Drug Enforcement (DEA)	187,426	192,683	203,980	204,280	205,640	0.67%	210,510	215,050
321 Criminal Justice Training	22,429	19,214	21,000	21,300	21,730	2.02%	22,170	22,620
322 Training Section	424,005	393,690	400,050	418,670	424,670	1.43%	434,040	443,250
324 Emergency Response/Preparedness	108,932	111,141	137,710	146,730	145,870	-0.59%	148,920	151,930
326 Records Section	564,406	542,974	528,900	639,110	635,060	-0.63%	649,670	664,400
329 Lockup Section	1,308,878	1,185,553	1,175,290	1,358,610	1,358,050	-0.04%	1,389,140	1,420,050
333 Property Section	115,018	92,863	102,520	115,700	110,810	-4.23%	113,410	116,070
334 Research & Technology	899,601	876,927	780,600	984,540	1,063,260	8.00%	1,091,060	1,119,630
<b>Total Investigative/Admin Services</b>	<b>6,661,984</b>	<b>6,394,567</b>	<b>6,530,160</b>	<b>7,144,780</b>	<b>7,256,100</b>	<b>1.56%</b>	<b>7,426,250</b>	<b>7,592,250</b>
<b>12 Operations</b>								
315 Road Patrol	9,192,150	8,927,488	9,622,165	10,424,110	10,960,780	5.15%	11,177,970	11,412,410
316 K-Nine Unit	517,037	516,818	530,910	541,420	562,340	3.86%	575,370	587,540
317 Directed Patrol Unit	618,245	625,622	538,090	700,150	529,060	-24.44%	564,550	576,730
318 Traffic Unit	54,638	290,385	309,070	308,140	325,500	5.63%	329,770	337,100
319 Crossing Guards	26,864	34,581	37,840	32,900	38,330	16.50%	39,110	39,900
325 Communications Section	1,895,827	1,890,036	2,092,185	2,206,590	2,177,280	-1.33%	2,225,580	2,275,100
335 Community Services Section	881,965	1,015,672	961,420	976,010	1,004,460	2.91%	1,027,950	1,049,940
<b>Total Operations</b>	<b>13,186,728</b>	<b>13,300,602</b>	<b>14,091,680</b>	<b>15,189,320</b>	<b>15,597,750</b>	<b>2.69%</b>	<b>15,940,300</b>	<b>16,278,720</b>
<b>Total Police</b>	<b>\$ 22,045,814</b>	<b>\$ 21,853,972</b>	<b>\$ 22,996,610</b>	<b>\$ 24,715,740</b>	<b>\$ 25,277,800</b>	<b>2.27%</b>	<b>\$ 25,815,780</b>	<b>\$ 26,371,015</b>

**General Fund  
Expenditure Details By Department**

		2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fire Department</b>									
337	Fire Administration	\$ 360,049	\$ 349,484	\$ 391,890	\$ 391,480	\$ 393,980	0.64%	\$ 402,190	\$ 410,630
338	Fire Operations	1,199,430	1,172,181	1,181,640	1,332,680	1,460,360	9.58%	1,480,720	1,501,530
340	Fire Companies	3,498,326	1,540,404	1,569,960	1,549,820	2,143,740	38.32%	1,548,790	1,553,110
341	Fire Prevention	973,200	1,064,882	1,154,910	1,025,770	923,300	-9.99%	943,440	964,040
343	Fire Communications	223,424	229,457	232,310	219,610	222,350	1.25%	228,240	234,290
344	Fire Halls	389,719	332,117	390,140	457,870	376,520	-17.77%	367,900	373,218
<b>Total Fire Department</b>		<b>\$ 6,644,148</b>	<b>\$ 4,688,527</b>	<b>\$ 4,920,850</b>	<b>\$ 4,977,230</b>	<b>\$ 5,520,250</b>	<b>10.91%</b>	<b>\$ 4,971,280</b>	<b>\$ 5,036,818</b>
<b>Building Inspections</b>									
371	Building Inspections	\$ 2,331,208	\$ 2,020,207	\$ 2,226,770	\$ 2,235,890	\$ 2,289,630	2.40%	\$ 2,342,760	\$ 2,395,710
<b>TOTAL PUBLIC SAFETY</b>		<b>\$ 31,021,169</b>	<b>\$ 28,562,706</b>	<b>\$ 30,144,230</b>	<b>\$ 31,928,860</b>	<b>\$ 33,087,680</b>	<b>3.63%</b>	<b>\$ 33,129,820</b>	<b>\$ 33,803,543</b>
<b>DEPARTMENT OF PUBLIC WORKS</b>									
<b>Streets Department</b>									
20	Local Streets								
481	Local Surface Maint - Gravel	\$ 73,852	\$ 79,568	\$ 88,550	\$ 95,660	\$ 107,370	12.24%	\$ 110,960	\$ 113,960
482	Local Surface Maint	476,816	426,786	524,210	534,890	648,910	21.32%	667,050	683,550
483	Local Surf Maint - Concrete	-	-	-	-	-	0.00%	-	-
485	Local Guard Rails & Posts	3,015	4,532	3,250	10,310	13,680	32.69%	21,500	22,000
486	Local Sweeping	65,072	63,505	75,440	107,350	174,360	62.42%	179,050	183,900
489	Local Drain Structures	334,934	422,696	532,620	389,650	456,560	17.17%	468,560	481,180
490	Local Roadside Cleanup	3,494	4,400	6,490	4,070	5,720	40.54%	5,860	5,990
491	Local Grass & Weed Control	3,095	4,729	7,050	950	800	-15.79%	850	900
492	Local Dust Control	-	-	-	-	-	0.00%	-	-
495	Local Signs	95,000	74,085	79,460	153,560	158,110	2.96%	162,140	166,330
497	Local Markings	23,296	12,453	17,750	27,110	22,330	-17.63%	22,990	23,680
498	Local Snow & Ice Control	483,806	318,668	581,340	754,260	752,170	-0.28%	765,870	779,260
499	Local Administration	140,195	149,777	138,440	204,030	237,700	16.50%	241,030	245,650
<b>Total Local Streets</b>		<b>1,702,573</b>	<b>1,561,199</b>	<b>2,054,600</b>	<b>2,281,840</b>	<b>2,577,710</b>	<b>12.97%</b>	<b>2,645,860</b>	<b>2,706,400</b>

**General Fund  
Expenditure Details By Department**

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>21 County Roads</b>								
500 County Surface Maintenance	11,709	4,175	15,720	3,290	3,390	3.04%	3,440	3,480
501 County Drain Structures	-	-	-	-	-	0.00%	-	-
502 County Snow & Ice Control	474,363	451,176	424,740	503,520	482,720	-4.13%	495,650	509,020
503 County Administration	10,069	10,008	35,400	35,630	24,190	-32.11%	23,830	24,140
504 County Signs	1,163	26,053	30,720	24,370	44,700	83.42%	25,220	25,760
507 County Sweeping	5,151	3,103	4,450	1,000	1,000	0.00%	1,100	1,150
<b>Total County Roads</b>	<b>502,455</b>	<b>494,515</b>	<b>511,030</b>	<b>567,810</b>	<b>556,000</b>	<b>-2.08%</b>	<b>549,240</b>	<b>563,550</b>
<b>22 Major Streets</b>								
464 Major Surface Maintenance	489,448	444,548	303,720	571,590	673,310	17.80%	690,230	709,410
465 Major Guard Rails And Posts	4,729	5,548	2,130	13,210	3,130	-76.31%	5,210	5,310
466 Major Sweeping	81,436	62,885	68,550	106,210	171,300	61.28%	176,040	180,940
469 Major Drain Structures	125,515	159,869	89,350	215,700	194,490	-9.83%	199,400	204,380
470 Major Roadside Cleanup	24,439	34,028	20,610	37,330	43,260	15.89%	45,040	46,180
471 Major Grass & Weed Control	4,889	2,701	5,350	6,120	8,870	44.93%	15,150	15,440
475 Major Signs	171,493	193,363	272,880	175,040	183,040	4.57%	187,800	192,630
477 Major Markings	70,952	97,347	100,680	106,190	106,560	0.35%	109,600	112,720
478 Major Snow & Ice Control	546,114	519,015	418,030	561,180	546,460	-2.62%	562,570	577,050
479 Major Administration	674,140	628,645	785,350	564,670	504,760	-10.61%	514,560	527,930
<b>Total Major Streets</b>	<b>2,193,155</b>	<b>2,147,949</b>	<b>2,066,650</b>	<b>2,357,240</b>	<b>2,435,180</b>	<b>3.31%</b>	<b>2,505,600</b>	<b>2,571,990</b>
<b>23 Drains</b>								
514 Retention Ponds	151,309	186,356	289,830	269,140	297,000	10.35%	337,930	343,640
515 Open Drain Maintenance	96,982	146,687	125,720	130,100	128,190	-1.47%	131,550	87,270
516 Drains Administration	155,469	91,122	136,760	69,410	78,660	13.33%	79,660	80,930
517 Storm Sewer & Ryd	114,997	133,408	167,410	178,560	164,750	-7.73%	168,800	172,920
<b>Total Drains</b>	<b>518,757</b>	<b>557,573</b>	<b>719,720</b>	<b>647,210</b>	<b>668,600</b>	<b>3.30%</b>	<b>717,940</b>	<b>684,760</b>
<b>24 Sidewalks</b>								
444 Sidewalk Administration	12,778	36,449	29,980	40,490	35,260	-12.92%	35,900	36,650
511 Sidewalk Maint - Snow Control	16,189	553	28,900	45,990	45,290	-1.52%	45,370	49,470
512 Sidewalk Maint - General	132,931	98,999	169,920	152,180	135,630	-10.88%	138,940	142,320
<b>Total Sidewalks</b>	<b>161,898</b>	<b>136,002</b>	<b>228,800</b>	<b>238,660</b>	<b>216,180</b>	<b>-9.42%</b>	<b>220,210</b>	<b>228,440</b>

**General Fund  
Expenditure Details By Department**

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
25 Street Lighting								
448 Street Lighting	521,635	448,983	627,850	635,790	536,930	-15.55%	531,440	547,270
26 Weeds/Snow & Ice								
519 Weeds/Snow And Ice	38,439	25,985	22,520	46,260	13,850	-70.06%	13,860	13,860
<b>Total Streets Department</b>	<b>\$ 5,638,912</b>	<b>\$ 5,372,206</b>	<b>\$ 6,231,170</b>	<b>\$ 6,774,810</b>	<b>\$ 7,004,450</b>	<b>3.39%</b>	<b>\$ 7,184,150</b>	<b>\$ 7,316,270</b>
596 Transportation/Trolley Department	\$ -	\$ -	\$ 111,190	\$ 112,500	\$ 169,250	50.44%	\$ 171,930	\$ 174,650
<b>TOTAL DEPARTMENT OF PUBLIC WORKS</b>	<b>\$ 5,638,912</b>	<b>\$ 5,372,206</b>	<b>\$ 6,342,360</b>	<b>\$ 6,887,310</b>	<b>\$ 7,173,700</b>	<b>4.16%</b>	<b>\$ 7,356,080</b>	<b>\$ 7,490,920</b>
<b>COMMUNITY DEVELOPMENT</b>								
<b>Engineering</b>								
442 Engineering	\$ 2,311,152	\$ 2,269,443	\$ 2,575,740	\$ 2,418,530	\$ 2,620,770	8.36%	\$ 2,665,900	\$ 2,711,601
443 Traffic Engineering	8,790	297	-	-	-	0.00%	-	-
<b>Total Engineering Department</b>	<b>\$ 2,319,942</b>	<b>\$ 2,269,740</b>	<b>\$ 2,575,740</b>	<b>\$ 2,418,530</b>	<b>\$ 2,620,770</b>	<b>8.36%</b>	<b>\$ 2,665,900</b>	<b>\$ 2,711,601</b>
<b>Planning</b>								
721 Planning	\$ 817,457	\$ 793,510	\$ 864,070	\$ 869,720	\$ 930,680	7.01%	\$ 1,011,930	\$ 1,010,380
723 Planning Commission	10,544	8,450	15,305	15,370	15,305		15,455	15,605
726 Board of Zoning Appeals	2,351	1,751	5,203	5,200	5,160	-0.77%	5,200	5,260
<b>Total Planning Department</b>	<b>\$ 830,352</b>	<b>\$ 803,711</b>	<b>\$ 884,578</b>	<b>\$ 890,290</b>	<b>\$ 951,145</b>	<b>6.84%</b>	<b>\$ 1,032,585</b>	<b>\$ 1,031,245</b>
<b>TOTAL COMMUNITY DEVELOPMENT</b>	<b>\$ 3,150,294</b>	<b>\$ 3,073,451</b>	<b>\$ 3,460,318</b>	<b>\$ 3,308,820</b>	<b>\$ 3,571,915</b>	<b>7.95%</b>	<b>\$ 3,698,485</b>	<b>\$ 3,742,846</b>

**General Fund  
Expenditure Details By Department**

		2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>RECREATION AND CULTURE</b>									
<b><u>Parks</u></b>									
751	Parks Administration	\$ 130,628	\$ 90,738	\$ 88,180	\$ 87,770	\$ 127,450	45.21%	\$ 130,880	\$ 134,225
756	Civic Center Maintenance	293,071	240,412	332,047	322,780	339,840	5.29%	342,520	345,220
757	Cemetery Maintenance	13,633	38,932	21,890	18,220	22,930	25.85%	23,230	23,550
758	Parks Garage	49,023	42,167	49,300	63,910	56,310	-11.89%	58,120	59,930
759	Athletic Field Maintenance	224,415	231,203	298,560	362,120	294,900	-18.56%	299,500	304,150
770	Parks Maintenance	683,637	712,514	866,010	838,170	903,668	7.81%	918,490	933,702
772	Park Equipment Repair	90,384	98,988	87,120	70,480	73,710	4.58%	75,390	77,090
773	Parks-Special Events	34,454	37,333	59,270	36,320	30,690	-15.50%	32,100	33,540
774	Major Tree Maintenance	2,243	2,438	8,970	24,420	24,840	1.72%	25,390	25,930
775	Major Tree Planting	1,559	-	-	3,000	-	-100.00%	-	-
776	Major Tree Storm Damage	703	40	580	200	200	0.00%	200	200
777	Local Tree Maintenance	563,043	582,526	598,020	643,130	607,180	-5.59%	623,990	641,270
778	Local Tree Planting	15,066	111,409	93,826	94,310	95,410	1.17%	95,410	95,410
779	Local Tree Storm Damage	32,778	13,413	19,690	53,770	55,020	2.32%	56,420	57,870
780	Street Island Maintenance-Major	87,186	89,646	106,820	97,920	112,800	15.20%	113,890	114,010
781	Street Island Maintenance-Local	8,822	283	2,270	270	240	-11.11%	240	250
782	Street Island Maint-Northfield	-	-	-	-	-	0.00%	-	-
783	Street Island Maintenance-DDA	142,079	140,219	195,390	177,550	183,290	3.23%	188,100	191,950
<b>Total Parks Department</b>		<b>\$ 2,372,723</b>	<b>\$ 2,432,260</b>	<b>\$ 2,827,943</b>	<b>\$ 2,894,340</b>	<b>\$ 2,928,478</b>	<b>1.18%</b>	<b>\$ 2,983,870</b>	<b>\$ 3,038,297</b>
<b><u>Recreation</u></b>									
752	Recreation Administration	\$ 739,230	\$ 795,963	\$ 847,270	\$ 834,020	\$ 922,420	10.60%	\$ 936,430	\$ 949,760
753	Recreation	816,839	859,926	922,050	855,930	988,420	15.48%	1,009,190	1,022,190
754	Senior Programs	213,466	188,714	228,030	239,040	405,810	69.77%	319,750	330,440
755	Community Center	2,118,110	2,181,902	2,300,280	2,270,120	2,566,130	13.04%	2,479,090	2,517,610
<b>Total Recreation Department</b>		<b>\$ 3,887,644</b>	<b>\$ 4,026,506</b>	<b>\$ 4,297,630</b>	<b>\$ 4,199,110</b>	<b>\$ 4,882,780</b>	<b>16.28%</b>	<b>\$ 4,744,460</b>	<b>\$ 4,820,000</b>
<b><u>Nature Center</u></b>									
771	Nature Center	\$ 103,015	\$ 118,395	\$ 121,320	\$ 120,430	\$ 146,630	21.76%	\$ 147,471	\$ 147,973

**General Fund  
Expenditure Details By Department**

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Historic Village</b>								
802 Village Operations	\$ 75,000	\$ 75,000	\$ 100,000	\$ 100,000	\$ 100,000	0.00%	\$ 100,000	\$ 100,000
804 Village Buildings	67,472	54,177	66,340	71,010	72,210		73,730	75,270
807 Village Grounds	18,018	21,447	30,290	52,690	55,890	6.07%	56,800	57,740
<b>Total Historic Village</b>	<b>\$ 160,490</b>	<b>\$ 150,624</b>	<b>\$ 196,630</b>	<b>\$ 223,700</b>	<b>\$ 228,100</b>	<b>1.97%</b>	<b>\$ 230,530</b>	<b>\$ 233,010</b>
<b>TOTAL RECREATION AND CULTURE</b>	<b>\$ 6,523,871</b>	<b>\$ 6,727,785</b>	<b>\$ 7,443,523</b>	<b>\$ 7,437,580</b>	<b>\$ 8,185,988</b>	<b>10.06%</b>	<b>\$ 8,106,331</b>	<b>\$ 8,239,280</b>
<b>OTHER USES</b>								
966 Transfers Out	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -
966 Capital - Enhanced Streets	3,450,000	6,200,000	2,600,000	2,600,000	-	-100.00%	-	-
966 Capital - Fire Station #4	1,850,000	625,000	1,788,860	1,788,860	-	-100.00%	-	-
966 Capital - Fire Pumper Truck	-	585,000	-	-	-	0.00%	-	-
966 Capital - Police Fencing	-	-	280,000	280,000	-	-100.00%	-	-
966 Other	-	-	-	-	-	0.00%	-	-
<b>TOTAL OTHER USES</b>	<b>5,300,000</b>	<b>7,410,000</b>	<b>4,668,860</b>	<b>4,668,860</b>	<b>-</b>	<b>-100.00%</b>	<b>-</b>	<b>-</b>
<b>TOTAL - GENERAL FUND</b>	<b>\$ 58,551,666</b>	<b>\$ 58,394,099</b>	<b>\$ 60,374,571</b>	<b>\$ 62,784,790</b>	<b>\$ 60,476,993</b>	<b>-3.68%</b>	<b>\$ 60,908,416</b>	<b>\$ 62,089,839</b>



**General Fund  
Expenditure Details By Account**

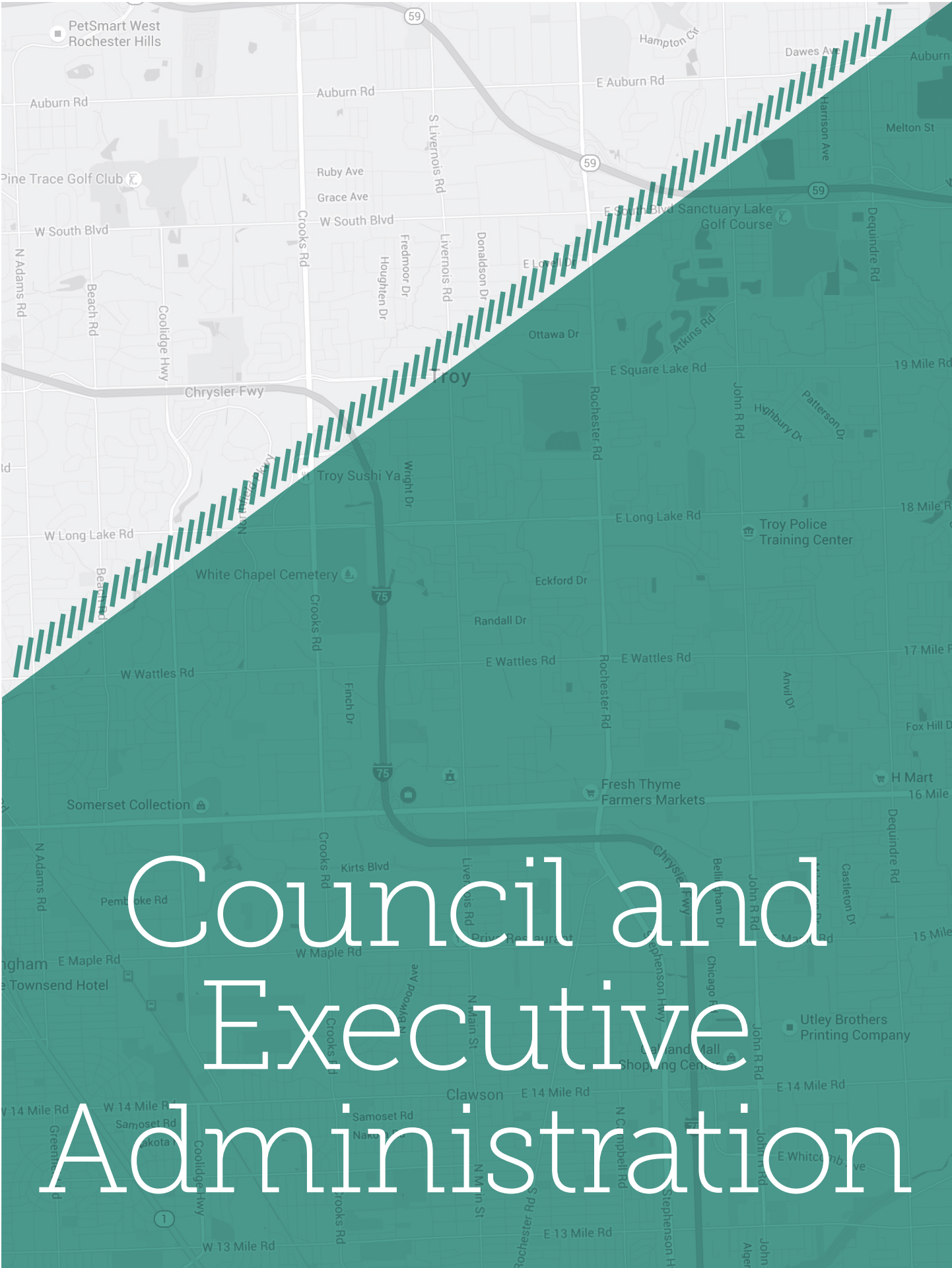
	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>EXPENSE</b>								
<b>PERSONAL SERVICES</b>								
Personal Service	\$ 18,778,670	\$ 19,602,649	\$ 20,589,980	\$ 21,468,970	\$ 22,608,650	5.31%	\$ 23,060,400	\$ 23,522,270
Elected And Appointed	21,750	20,725	24,830	25,350	25,350	0.00%	25,860	26,360
Election Inspectors	96,169	69,222	94,000	122,580	21,760	-82.25%	70,000	75,000
Fica	1,421,015	1,480,189	1,494,350	1,648,330	1,690,880	2.58%	1,724,540	1,759,120
Disability Pay - Volunteer Fire	1,154	25,530	30,820	-	0	0.00%	-	-
Workers Comp & Unemployment	7,317	214,116	395,270	252,320	417,850	65.60%	428,240	436,840
Sick Pay Allowance	1,122,465	1,246,334	1,273,110	1,205,610	1,311,110	8.75%	1,337,760	1,364,560
Hospital And Life Insurance	3,391,740	3,021,683	3,385,010	4,114,350	3,828,990	-6.94%	3,982,030	4,141,190
Vacation	1,801,682	2,049,423	2,091,150	1,982,310	2,160,500	8.99%	2,204,080	2,248,280
Retirement	6,143,077	5,175,250	6,077,900	6,331,350	6,430,760	1.57%	6,560,120	6,691,300
<b>Total - Personal Services</b>	<b>32,785,038</b>	<b>32,905,119</b>	<b>35,456,420</b>	<b>37,151,170</b>	<b>38,495,850</b>	<b>3.62%</b>	<b>39,393,030</b>	<b>40,264,920</b>
<b>SUPPLIES</b>								
Office Supplies	146,593	144,842	147,043	146,000	152,860	4.70%	155,920	158,591
Postage	97,497	123,226	140,110	138,140	142,590	3.22%	147,010	150,790
Supplies For Resale	-	-	-	-	0	0.00%	-	-
Operating Supplies	1,033,180	1,072,571	1,120,206	1,131,920	1,385,450	22.40%	1,267,400	1,285,880
Fuel	24,584	14,704	21,700	33,440	27,490	-17.79%	27,930	28,580
Tools	7,070	10,930	13,800	20,500	16,000	-21.95%	16,620	17,020
Uniforms	161,777	161,922	184,500	205,010	218,790	6.72%	215,360	218,040
Repair/Mtnce Supplies	1,027,610	1,004,024	930,500	1,177,030	1,032,380	-12.29%	1,020,090	1,049,482
Holiday Decorations	-	14,574	58,757	50,000	15,000	-70.00%	15,000	15,000
Expendable Repairs/Equipment	169,756	119,756	145,460	150,260	34,000	-77.37%	4,080	4,160
<b>Total - Supplies</b>	<b>2,668,067</b>	<b>2,666,549</b>	<b>2,762,076</b>	<b>3,052,300</b>	<b>3,024,560</b>	<b>-0.91%</b>	<b>2,869,410</b>	<b>2,927,543</b>

**General Fund  
Expenditure Details By Account**

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b><u>OTHER SERVICE CHARGES</u></b>								
Professional Services	751,033	757,082	1,075,490	1,085,120	934,578	-13.87%	952,170	970,652
Contractual Services	5,978,858	5,493,863	6,492,380	6,794,090	6,937,870	2.12%	7,029,271	7,115,229
Computer Services	1,167,736	1,217,496	1,315,240	1,266,540	1,378,400	8.83%	1,417,900	1,458,530
Consultant Services	535,644	537,952	706,000	442,500	650,000	46.89%	650,000	650,000
Community Policing	6,314	5,162	6,470	6,470	6,600	2.01%	6,740	6,880
Health Services	17,792	13,156	27,500	42,970	36,360	-15.38%	46,480	36,180
Communications	89,136	98,886	95,100	79,420	80,630	1.52%	81,810	83,020
Travel & Mileage	61,154	61,182	60,000	66,850	63,000	-5.76%	63,000	63,000
Community Promotion	45,524	14,353	51,400	53,000	53,500	0.94%	54,500	55,500
Appreciation Banquet	13,239	11,158	-	10,000	10,000	0.00%	10,000	10,000
Firefighters Banquet	13,446	17,307	21,000	21,000	21,420	2.00%	21,850	22,290
Printing & Publishing	109,074	142,928	145,780	156,540	163,660	4.55%	155,790	172,820
Books & Magazines	10,998	8,381	14,215	14,985	14,885	-0.67%	15,185	15,235
Other Fees	119,427	97,380	120,000	125,000	135,000	8.00%	141,400	143,830
Public Utilities	1,781,148	1,940,800	2,114,010	2,163,750	2,211,930	2.23%	2,261,950	2,306,970
Rentals	7,282	10,205	13,000	18,000	14,000	-22.22%	14,000	15,000
Rentals-Internal	2,752,227	2,694,320	2,869,650	3,033,620	3,207,100	5.72%	3,281,280	3,315,105
Miscellaneous	3,750,156	1,610,066	1,696,360	1,789,365	2,308,010	28.98%	1,716,410	1,724,900
Membership & Dues	115,984	111,246	135,540	131,440	141,710	7.81%	143,380	145,220
Education & Training	234,582	269,682	263,560	305,310	315,460	3.32%	308,500	311,790
Other	96,361	85,760	102,020	141,390	103,570	-26.75%	104,460	105,325
Legal Notices	2,238	5,848	4,100	4,100	4,100	0.00%	4,100	4,100
Banking fees	71,091	80,319	83,400	86,000	89,800	4.42%	90,800	90,800
Tax Refunds	68,115	127,899	75,000	75,000	75,000	0.00%	75,000	75,000
<b>Total - Other Service Charges</b>	<b>17,798,561</b>	<b>15,412,431</b>	<b>17,487,215</b>	<b>17,912,460</b>	<b>18,956,583</b>	<b>5.83%</b>	<b>18,645,976</b>	<b>18,897,376</b>
<b><u>CAPITAL OUTLAY</u></b>								
Office Equipment	-	-	-	-	-	0.00%	-	-
<b>TOTAL EXPENDITURES</b>	<b>53,251,666</b>	<b>50,984,099</b>	<b>55,705,711</b>	<b>58,115,930</b>	<b>60,476,993</b>	<b>4.06%</b>	<b>60,908,416</b>	<b>62,089,839</b>
<b><u>OTHER FINANCING USES</u></b>								
Operating Transfers Out	5,300,000	7,410,000	4,668,860	4,668,860	-	-100.00%	-	-
<b>TOTAL - GENERAL FUND</b>	<b>\$ 58,551,666</b>	<b>\$ 58,394,099</b>	<b>\$ 60,374,571</b>	<b>\$ 62,784,790</b>	<b>\$ 60,476,993</b>	<b>-3.68%</b>	<b>\$ 60,908,416</b>	<b>\$ 62,089,839</b>



WE LEAD BY EXAMPLE  
WITHIN THE REGION



# Council and Executive Administration

# CITY COUNCIL

Mayor | Dane Slater

Mayor Pro Tem | Ellen Hodorek

Council Member | Dave Henderson

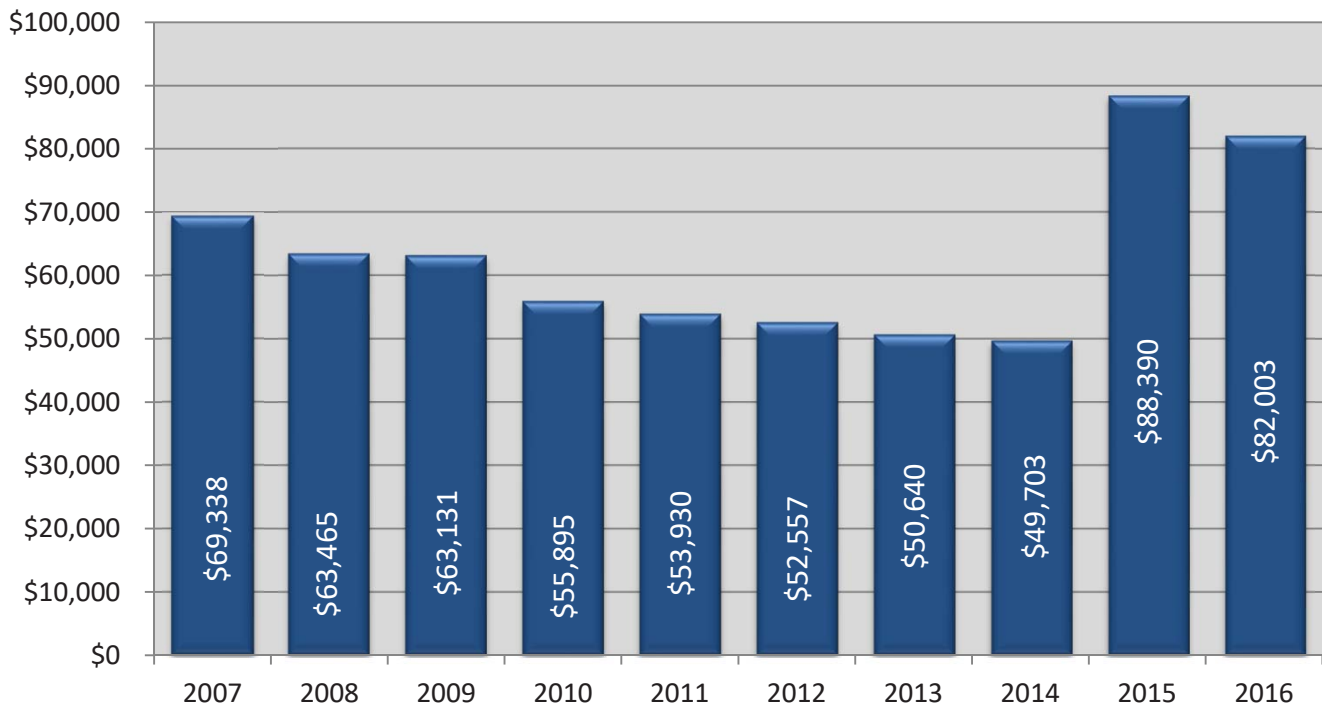
Council Member | Ed Pennington

Council Member | Edna Abraham

Council Member | Ethan Baker

Council Member | Paul McCown

**Operating Budget History**



Increase beginning in 2015 due to computer internal service charges for use of City computers.

**General Fund  
General Government/Council & Exec Admin**

# City Council

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 101 GENERAL FUND</b>								
Expenditures								
<b>Department: 102 Council</b>								
101.102.00.102								
PERSONAL SERVICES	\$ 15,825	\$ 15,842	\$ 15,290	\$ 15,830	\$ 15,840	0.06%	\$ 16,150	\$ 16,480
SUPPLIES	10,006	6,320	2,500	2,500	2,550	2.00%	2,600	2,650
OTHER SERVICE CHARGES	62,559	59,841	65,340	66,420	66,690	0.41%	68,070	69,570
<b>Department Total: Council</b>	<b>\$ 88,390</b>	<b>\$ 82,003</b>	<b>\$ 83,130</b>	<b>\$ 84,750</b>	<b>\$ 85,080</b>	<b>0.39%</b>	<b>\$ 86,820</b>	<b>\$ 88,700</b>

# CITY MANAGER

City Manager | Brian Kischnick

Director of Economic and Community Development | Mark F. Miller

Director of Financial Services | Thomas Darling, CPA

Director of Community Affairs | Cindy Stewart

The mission of the City Manager's Office is to partner with City Council in achieving the goals and objectives set forth for the City of Troy. To this end, a key factor is the identification of priorities and establishment of management procedures that develop and effectively utilize City resources. In addition the City Manager's Office works to create an environment that actively encourages business retention and growth through public and private sector collaboration.

## DEPARTMENT FUNCTION

- » Prepares annual operating budget
- » Monitors expenditures and revenues
- » Analyzes and evaluates financial trends
- » Conducts management studies
- » Develops Capital Improvement Program

### City Management

- » Provides support and makes recommendations to the City Council
- » Oversees municipal operations
- » Provides organizational management
- » Provides fiscal management
- » Selects candidates for vacant senior staff positions
- » Recommends strategic planning initiatives
- » Facilitates Council-community relationships

### Economic Development Services

- » Directs economic development efforts of the City
- » Creates new development tools
- » Encourages and supports appropriate sustainable private sector developments
- » Coordinates economic development services with other city, county, regional and state economic development agencies and organizations
- » Provides information and assistance to businesses expanding or relocating to the City

### Economic Development Services (cont.)

- » Provides professional and clerical staff support for the Downtown Development Authority, the Brownfield Redevelopment Authority, the Local Development Finance Authority, the Certified Technology Park (SmartZone) and the Economic Development Corporation
- » Coordinates City efforts with the Troy Chamber of Commerce

### Employee Retirement System

- » Administers the pension plans
- » Prepares meeting agendas
- » Manages investment of fund

## PERFORMANCE INDICATORS

Performance Indicators	2014/15 Actual	2015/16 Actual	2016/17 Projected	2017/18 Budget
# of Regular Council Meetings	26	26	26	26
# of Agenda Items Prepared	678	644	650	650
# of Employees' Retirement System Board Meetings	12	12	12	12
# of Downtown Development Authority Meetings	3	3	3	3
# of Brownfield Redevelopment Authority Meetings	3	3	3	3
# of Local Development Finance Authority Meetings	2	2	2	2
# of Labor Contracts Settled	2	4	1	1
# of Business Contacts	164	158	160	155
# of Business Attraction Contacts	75	76	75	70
GFOA Awards	3	3	3	3
Bond Rating (S&P)	AAA	AAA	AAA	AAA

### Notes on Performance Indicators

- None



**City Manager's Office**

**SUMMARY OF BUDGET CHANGES**

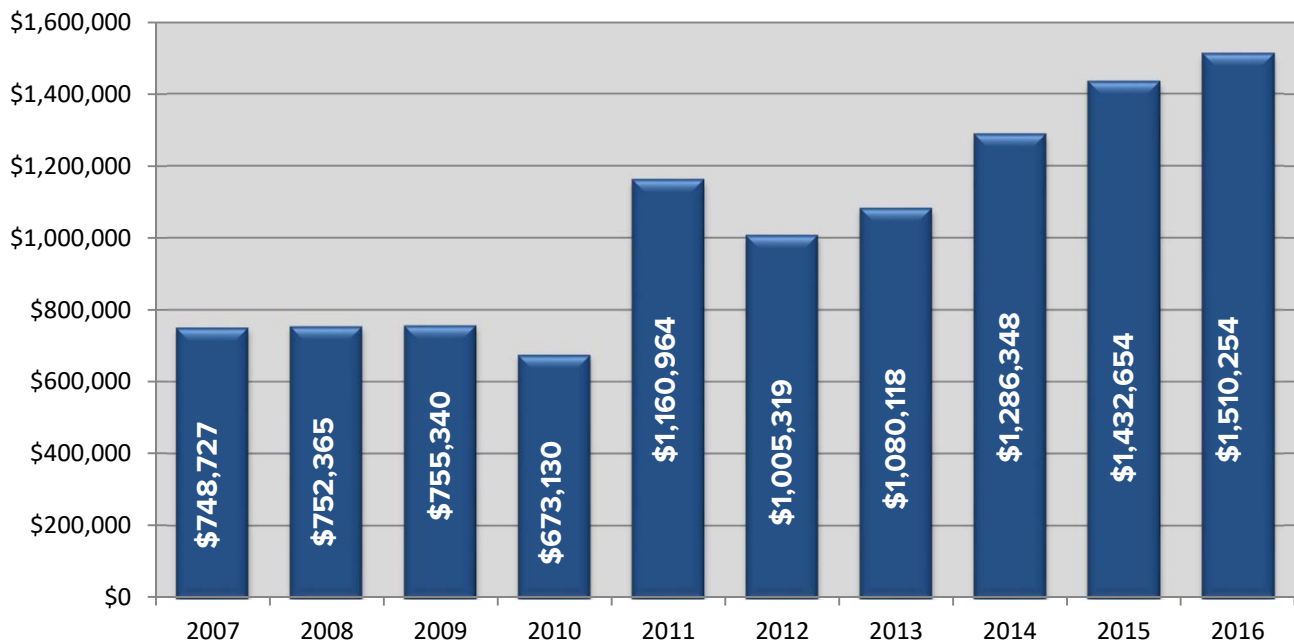
- Significant Notes - 2017/18 Budget Compared to 2016/17 Budget**

Supplies increase of \$5,000 or 17.06% due to additional postage for seperately issued Troy Today publication. Other Service Charges decreased \$252,240 or 43.71% due to Town Center consulting services in 2016/17 fiscal year of \$200,000.

Positions	2015 Budget		2016 Budget		2017 Budget		2018 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
City Manager's Office	7	1.5	8	1.9	10	1	10	2
<b>Total Department</b>	<b>7</b>	<b>1.5</b>	<b>8</b>	<b>1.9</b>	<b>10</b>	<b>1</b>	<b>10</b>	<b>2</b>

- Operating Budget History**

\* 2011 Incorporated Community Affairs Department



**General Fund  
General Government/Council & Exec Admin**

## City Manager

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 101 GENERAL FUND</b>								
Expenditures								
<b>Department: 172 City Manager</b>								
101.1/2.00.1/2								
Personal Services	\$ 1,152,642	\$ 1,224,574	\$ 1,408,460	\$ 1,471,260	\$ 1,527,940	3.85%	\$ 1,561,550	\$ 1,595,930
Supplies	30,593	29,332	34,210	29,300	34,300	17.06%	34,900	35,100
Other Service Charges	249,420	256,348	547,320	577,040	324,800	-43.71%	330,850	336,840
<b>Department Total: City Manager</b>	<b>\$ 1,432,654</b>	<b>\$ 1,510,254</b>	<b>\$ 1,989,990</b>	<b>\$ 2,077,600</b>	<b>\$ 1,887,040</b>	<b>-9.17%</b>	<b>\$ 1,927,300</b>	<b>\$ 1,967,870</b>

# CITY CLERK'S OFFICE

City Clerk | Aileen Dickson

The mission of the City Clerk's Office is to expeditiously provide accurate and courteous response to all requests for service or information, and to be sensitive to the individual needs of citizens.

## DEPARTMENT FUNCTION

### City Council Meeting Administration

- » Post notices of Public Meetings
- » Prepare City Council Agendas/Packets
- » Prepare City Council Minutes
- » Process results of City Council Meetings (certified resolutions, agreements, contracts)

### Elections

- » Assure all voters their rights to fair and accessible elections
- » Conduct all elections in compliance with federal, state and local election laws
- » Update and maintain accurate voter records
- » Maintain updated permanent absent voter list
- » Educate voters and future voters with regard to election process and the importance of voting
- » Implement new election laws in a timely and efficient manner

### FOIA

- » Process all FOIA requests within statutorily required timelines
- » Educate the public and staff in regards to FOIA laws and policies
- » Communicate effectively with applicants and record holders
- » Maintain accurate and complete records for all transactions as required by records retention schedules

### Licensing

- » Educate business owners and residents in regards to licensing ordinances
- » Facilitate the Do Not Knock Registry
- » Maintain accurate records of applicants and transactions completed
- » Work in conjunction with other department to ensure timely and efficient responses to applications and inquiries

### Vital Records

- » Maintain accurate and confidential records of all events that occur within the City
- » Provide certified copies to authorized applicants according to state statute
- » Maintain complete records of all transactions

### City Clerk's Office & Elections

#### **PERFORMANCE INDICATORS**

Performance Indicators	2014/15 Actual	2015/16 Actual	2016/17 Projected	2017/18 Budget
Birth Certificate Requests Processed	3,864	4,140	4,000	3,500
Death Certificate Requests Processed	1,462	1,450	1,450	1,400
Elections Conducted	3	3	2	1
Voter Transactions Processed	11,093	12,340	14,000	11,000
Absent Voter Ballots Processed	20,265	11,450	20,100	6,000
Business Licenses Issued	201	180	200	200
Freedom of Information Act Requests Processed	265	265	265	300
Passport Photos Taken	788	580	600	830
Mail Room and Duplicating-All Operations (copies, business cards, laminating, mail)	214,849	204,970	205,000	204,000
City Council Agenda Packets Prepared	43	46	45	42
Legal Notices Prepared	69	90	90	70
Efficiencies and Savings Growth Expected Through the continuing development of electronic operations in the department	5%	5%	5%	5%
% of Registered Voters Voting (November)	51%	21%	80%	21%

#### **Notes on Performance Indicators**

- Election services decrease by 70% for the local-only election year
- Passport photo services increased 30% from 2015/16 and may continue to increase due to passport regulations and changes in travel requirements

**City Clerk's Office & Elections**

**SUMMARY OF BUDGET CHANGES**

- *Significant Notes - 2017/18 Budget Compared to 2016/17 Budget*

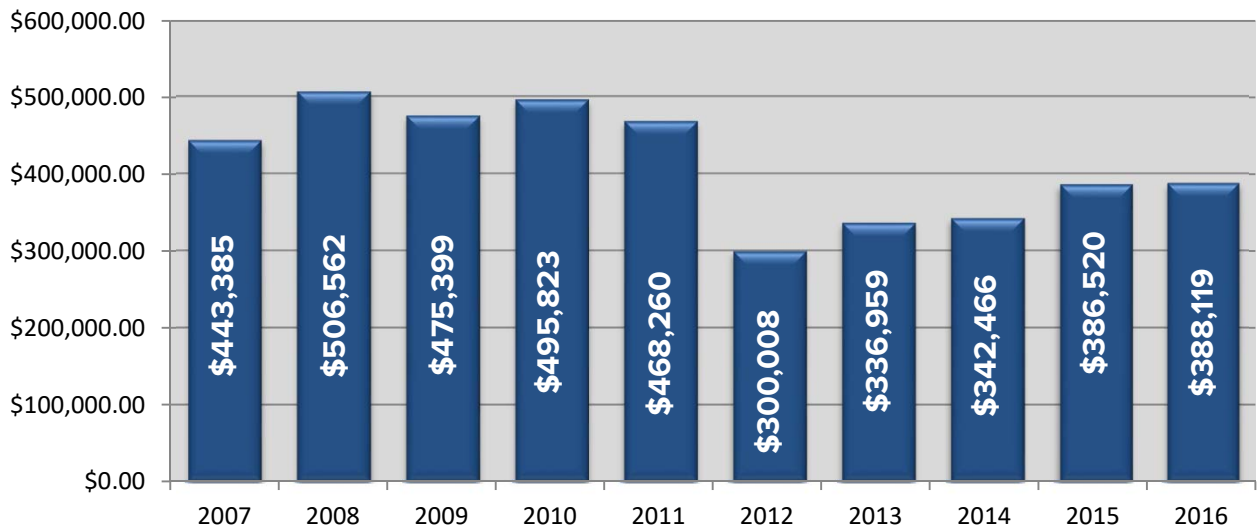
**Personal Services:**

New voting equipment expected in 2016/17 will actually be rolled out in 2017/18. Elections - Personal Services is budgeted to accommodate Election Inspector training on the new equipment as well as the City Council Election in November, 2017. Overtime for City Clerk's Office staff has also been budgeted for training as well as community outreach events to showcase the new voting equipment. The promotion of the Administrative Aide to the position of Deputy City Clerk is reflected in the Personnel Summary by shifting a full time position from the Elections Budget to the City Clerks Budget. Also, one part time position in the Elections Budget will remain unfilled for the 2017/18 FY.

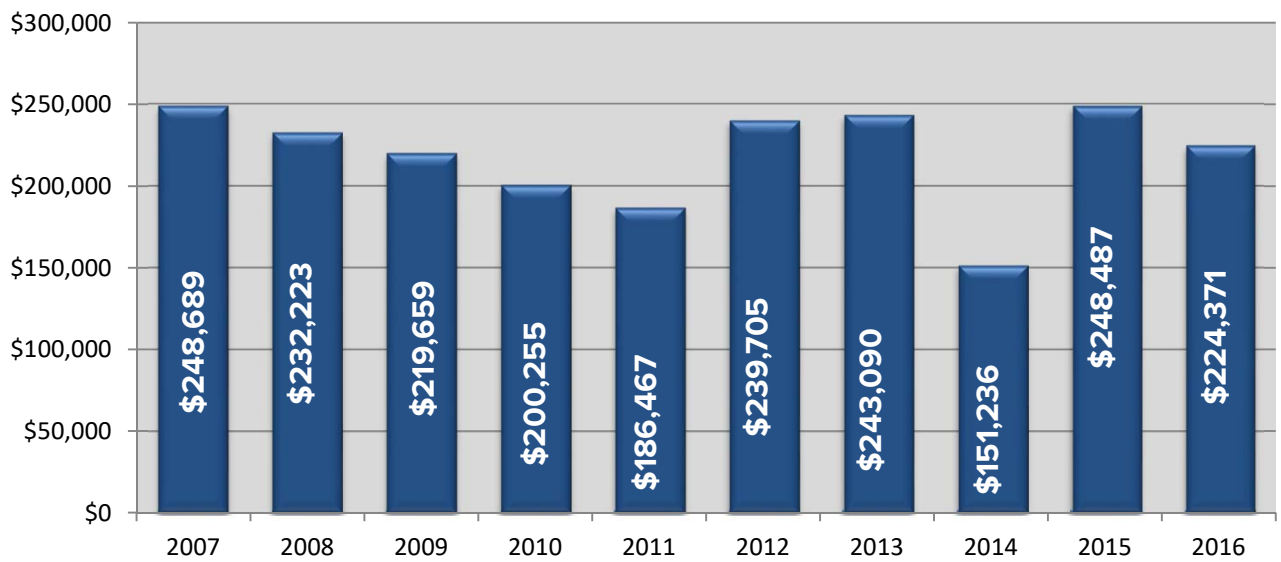
<b>Personnel Summary</b>	<b>2015 Budget</b>		<b>2016 Budget</b>		<b>2017 Budget</b>		<b>2018 Budget</b>	
	<b>Full Time</b>	<b>Part Time</b>	<b>Full Time</b>	<b>Part Time</b>	<b>Full Time</b>	<b>Part Time</b>	<b>Full Time</b>	<b>Part Time</b>
City Clerks Office	3	0.9	3	1.5	3	1	4	1.2
Elections	1		1		1	1.2	0	0
<b>Total Department</b>	<b>4</b>	<b>0.9</b>	<b>4</b>	<b>1.5</b>	<b>4</b>	<b>2.2</b>	<b>4</b>	<b>1.2</b>

**City Clerk's Office & Elections**

- Operating Budget History - City Clerk's Office**



- Operating Budget History - Elections**



**General Fund  
General Government/Council & Exec Admin**

## Clerks Office

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 101 GENERAL FUND</b>								
Expenditures								
<b>Department: 215 City Clerk</b>								
<b>Business Unit: 215 City Clerk</b>								
101.215.00.215								
Personal Services	\$ 324,021	\$ 325,903	\$ 446,670	\$ 354,790	\$ 464,640	30.96%	\$ 474,510	\$ 484,600
Supplies	10,868	12,546	8,800	8,800	8,800	0.00%	8,800	8,800
Other Service Charges	51,631	49,671	52,150	50,960	52,900	3.81%	54,050	55,240
<b>Business Unit Total: City Clerk</b>	<b>386,520</b>	<b>388,119</b>	<b>507,620</b>	<b>414,550</b>	<b>526,340</b>	<b>26.97%</b>	<b>537,360</b>	<b>548,640</b>
<b>Business Unit: 262 Elections</b>								
101.215.00.262								
Personal Services	200,459	171,249	127,200	216,160	21,890	-89.87%	70,130	75,130
Supplies	16,858	19,139	24,200	24,200	20,200	-16.53%	22,200	24,200
Other Service Charges	31,170	33,982	29,080	62,200	42,180	-32.19%	33,190	48,200
<b>Business Unit Total: Elections</b>	<b>248,487</b>	<b>224,371</b>	<b>180,480</b>	<b>302,560</b>	<b>84,270</b>	<b>-72.15%</b>	<b>125,520</b>	<b>147,530</b>
<b>Department Total: City Clerk</b>	<b>\$ 635,007</b>	<b>\$ 612,490</b>	<b>\$ 688,100</b>	<b>\$ 717,110</b>	<b>\$ 610,610</b>	<b>-14.85%</b>	<b>\$ 662,880</b>	<b>\$ 696,170</b>

# CITY ATTORNEY

City Attorney | Lori Grigg Bluhm

The mission of the City Attorney's Office is to provide effective and efficient legal services to City Council, City Management and the various boards and committees of the City.

## DEPARTMENT FUNCTION

### Administration

- » Prepares and administers department budget
- » Serves as a liaison with local, federal, and state agencies, associations and groups.
- » Monitors progress of outside retained counsel
- » Serves as a liaison with other City departments
- » Coordinates staff development
- » Explores use of available technological advances for increased efficiency
- » Liaison for City's Casualty & Property Insurance
- » Monitors compliance with Open Meetings Act and Freedom of Information Act
- » Processes Claims against the City

### City as Plaintiff

- » Handles eminent domain cases
- » Initiates invoice collection procedures
- » Pursues nuisance abatement
- » Pursues license revocations with Secretary of State
- » Prepares administrative search warrants
- » Represents City at administrative hearings, including but not limited to environmental law hearings

### Defense of the City

- » Represents the City when its zoning and planning decisions are challenged
- » Defends the City, its officials and volunteers when sued for the performance of governmental functions
- » Defends the City and its officials in personal injury cases
- » Defends City Assessor's value determinations

### Prosecution

- » Processes misdemeanor ordinance violations
- » Prosecutes drug and alcohol cases
- » Pursues building and zoning ordinance cases
- » Handles domestic abuse cases
- » Prosecutes shoplifting cases
- » Represents the City in traffic matters
- » Prosecutes disorderly conduct cases
- » Handles assault and battery cases
- » Assist the municipal civil infraction matters
- » Defends appeals of criminal convictions
- » Defends appeals of civil infractions

### Other Activities

- » Negotiates or assists in negotiations of contracts, agreements, bonds and real estate transactions as needed
- » Researches, drafts, and reviews all ordinances, policies and legal documents
- » Recommends necessary revisions of the City Charter and Code
- » Receives citizen complaints, mediates disputes and issues criminal misdemeanor warrants
- » Provides training regarding the law and legal procedures for employees
- » Assists citizens on a daily basis by answering inquiries and providing appropriate referrals when warranted
- » Responds to media inquiries



**PERFORMANCE INDICATORS**

<b>Performance Indicators</b>	<b>2014/15 Actual</b>	<b>2015/16 Actual</b>	<b>2016/17 Projected</b>	<b>2017/18 Budget</b>
District Court Appearances	7,621	7,000	7,000	7,500
Formal Citizen Complaints of Criminal Activities	48	50	50	50
Cost Recovery for City *	\$91,170	\$70,000	\$75,000	\$50,000
Warrants Issued	252	225	225	225
City Council Agenda Items	143	150	150	150

**Notes on Performance Indicators**

- \* Cost Recovery amount does not include any restitution obtained for the benefit of crime victims or City's percentage of fines and costs and late fees resulting from district court prosecution.

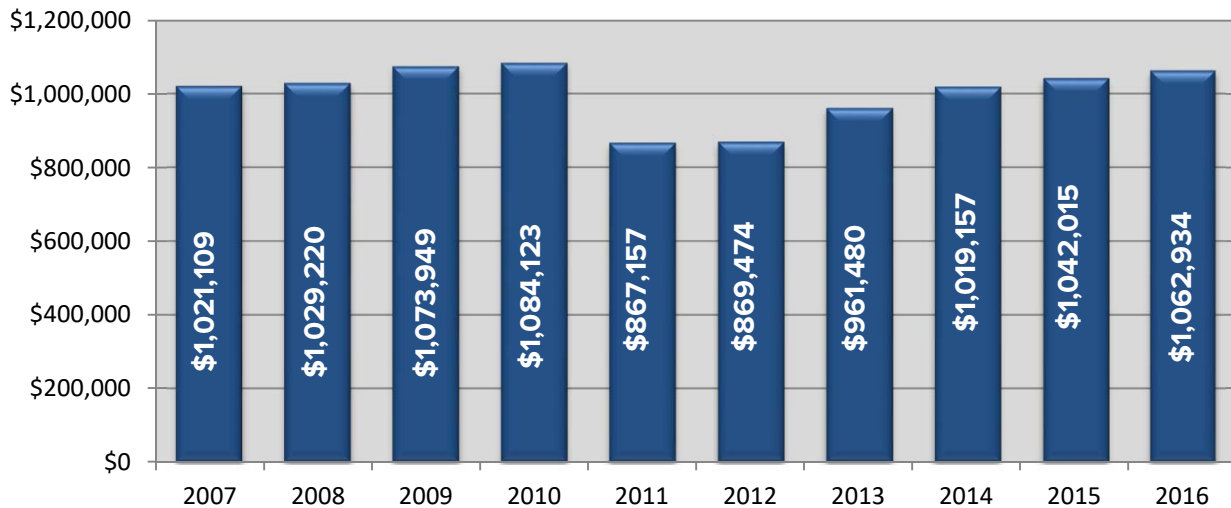
**City Attorney**

**SUMMARY OF BUDGET CHANGES**

- Significant Notes - 2017/18 Budget Compared to 2016/17 Budget**  
 Increase in Other Services to due additional outside attorney fees budgeted for anticipated legal cases.

Personnel Summary	2015 Budget		2016 Budget		2017 Budget		2018 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
City Attorney's Office	7	0	7	0.1	7	0.3	7	0
<b>Total Department</b>	<b>7</b>	<b>0</b>	<b>7</b>	<b>0.1</b>	<b>7</b>	<b>0.3</b>	<b>7</b>	<b>0</b>

- Operating Budget History**



**General Fund  
General Government/Council & Exec Admin**

# City Attorney

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 101 GENERAL FUND</b>								
Expenditures								
<b>Department: 266 City Attorney</b>								
101.266.00.266								
Personal Services	\$ 935,422	\$ 929,070	\$ 941,500	\$ 1,001,930	\$ 988,550	-1.34%	\$ 1,010,070	\$ 1,032,100
Supplies	11,301	8,325	33,000	23,300	10,070	-56.78%	10,390	10,690
Other Service Charges	95,292	125,538	340,970	167,930	274,430	63.42%	277,520	280,150
<b>Department Total: City Attorney</b>	<b>\$ 1,042,015</b>	<b>\$ 1,062,934</b>	<b>\$ 1,315,470</b>	<b>\$ 1,193,160</b>	<b>\$ 1,273,050</b>	<b>6.70%</b>	<b>\$ 1,297,980</b>	<b>\$ 1,322,940</b>

101

# HUMAN RESOURCES

Human Resources Director | Jeanette Menig

It is the mission of the Human Resources Department to develop, implement and maintain programs and processes that add value to the City of Troy and to our workplace, leading to improved employee welfare, empowerment, growth and retention, thereby solidifying the City of Troy's position as an employer of choice.

## DEPARTMENT FUNCTION

### Human Resources

- » Recruit and hire highly qualified candidates
- » Research and implement effective measures to encourage employee retention
- » Assist departments in effective personnel management
- » Coordinate annual performance evaluations for full-time employees
- » Develop policies to assure consistent, effective administration of procedures, pay, benefits and equal employment opportunity
- » Maintain employee personnel records
- » Ensure state and federal employment law compliance

### Labor Relations

- » Provide consultation to employees and supervisors on labor relations and contract issues
- » Negotiate collective bargaining agreements

### Benefits Administration

- » Manage enrollment in health insurance plans
- » Assist employees with health benefit issues
- » Provide required COBRA notifications
- » Administer Family and Medical Leave (FMLA)

### Workplace Safety and Wellness

- » Administer workers' compensation program; coordinate with City-designated clinic and insurer, maintain records and report injuries as required
- » Coordinate early return-to-work program
- » Lead the Employee Safety Committee
- » Review and evaluate workplace injuries and accidents with committee; recommend ways to reduce future incidents and safeguard employees and other City assets
- » Coordinate safety training; ensure compliance to MIOSHA standards
- » Coordinate Wellness Program, promote multi-faceted employee wellness

## Human Resources

### PERFORMANCE INDICATORS

Performance Indicator	2014/15 Actual	2015/16 Actual	2016/17 Projected	2017/18 Budget
Full-time New Hires	23	20	25	18
Full-time Promotions	20	20	15	20
Part-time/Temporary New Hires	133	165	165	225
Part-time/Temporary Rehires	62	75	75	75
Full-time Separations (not Retirement)	3	6	6	8
Full-time Retirements	6	10	8	8
Part-time/Temporary Separations	184	200	200	250
Other Employment Record Changes	1206	1200	1200	1400
Employment Applications	625	1000	1000	1000
Occupational Injury or Illness Claims	39	35	35	35
Average Number of Work Days to Complete Internal Recruitment	26	30	28	25
Average Number of Work Days to Complete External Recruitment	46	45	42	40
Full-time Employee Turnover Rate (Excluding Retirements)	1.0%	2.0%	2.0%	2.0%
Workplace Safety/Training Programs	15	10	15	15
Employee Involvement Activities	8	10	10	10
Employee Wellness Activities/Events	18	15	15	15

**Human Resources**

**SUMMARY OF BUDGET CHANGES**

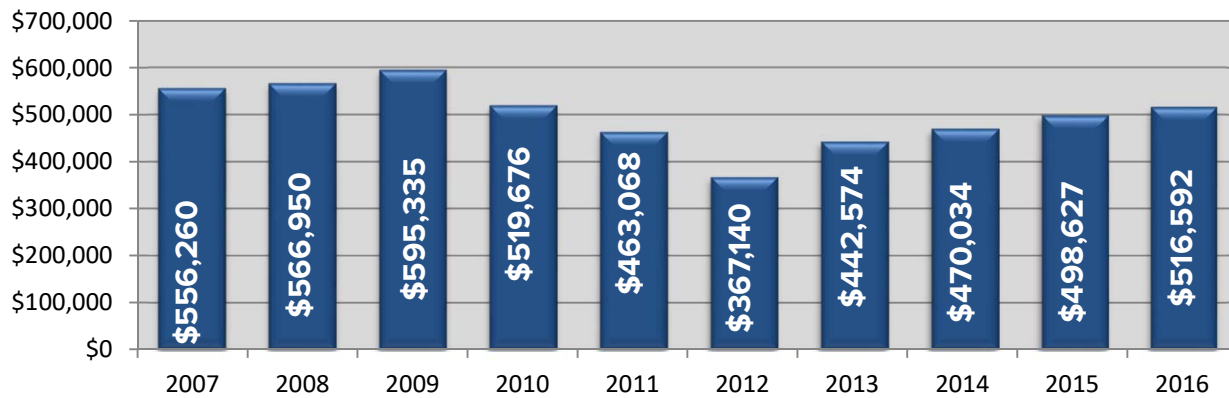
- Significant Notes - 2017/18 Budget Compared to 2016/17 Budget*

Other Service Charges:

There is a 14% increase due to an anticipated consultant fees needed to conduct a classification and compensation study to align positions and pay for non-union full-time employees.

Personnel Summary	2015 Budget		2016 Budget		2017 Budget		2018 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Human Resources	4	0.5	4	0.5	4	0.6	4	0.6
<b>Total Department</b>	<b>4</b>	<b>0.5</b>	<b>4</b>	<b>0.5</b>	<b>4</b>	<b>0.6</b>	<b>4</b>	<b>0.6</b>

- Operating Budget History*



**General Fund**

# Human Resources

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 101 GENERAL FUND</b>								
Expenditures								
<b>Department: 270 Human Resources</b>								
101.270.00.270								
Personal Services	\$ 418,997	\$ 436,315	\$ 458,250	\$ 487,830	\$ 487,680	-0.03%	\$ 498,420	\$ 509,430
Supplies	3,689	5,867	5,050	5,600	5,700	1.79%	3,750	3,800
Other Service Charges	75,941	74,410	61,700	110,990	128,530	15.80%	110,910	111,580
<b>Department Total: Human Resources</b>	<b>\$ 498,627</b>	<b>\$ 516,592</b>	<b>\$ 525,000</b>	<b>\$ 604,420</b>	<b>\$ 621,910</b>	<b>2.89%</b>	<b>\$ 613,080</b>	<b>\$ 624,810</b>



# Financial Services



# FINANCE/ACCOUNTING

Accounting Manager | Lisa Burnham

The mission of the Finance Department is to achieve excellence in the accounting of all financial transactions, and provides support to City departments with financial; budgetary; and procurement issues.

## DEPARTMENT FUNCTION

### Accounting

- » Performs accounting of all financial transactions
- » Processes payroll payments
- » Processes retirement payments
- » Processes accounts payable transactions
- » Processes accounts receivables transactions
- » Reviews and processes all city invoices
- » Collaborates with Purchasing to ensure accurate oversight of all payments and processing of all purchases
- » Processes grant reimbursement requests
- » Administers retiree health insurance
- » Reconciles bank statements and investments
- » Administers the procurement card program

**PERFORMANCE INDICATORS**

<b>Performance Indicators</b>	<b>2014/15 Actual</b>	<b>2015/16 Actual</b>	<b>2016/17 Projected</b>	<b>2017/18 Budget</b>
Payroll and Retiree Checks Processed	26,497	27,557	28,659	29,230
Bank Statements and Investments Reconciled	47	47	47	44
P-Card Statements Processed Per Year	609	615	625	632
Invoices Issued	10,121	10,200	10,350	10,500
Accounts Payable Invoices Processed	21,079	22,500	23,000	24,000

**Notes on Performance Indicators**

None

Finance and Accounting

**SUMMARY OF BUDGET CHANGES**

- Significant Notes - 2017/18 Budget Compared to 2016/17 Budget*

**Other Service Charges:**

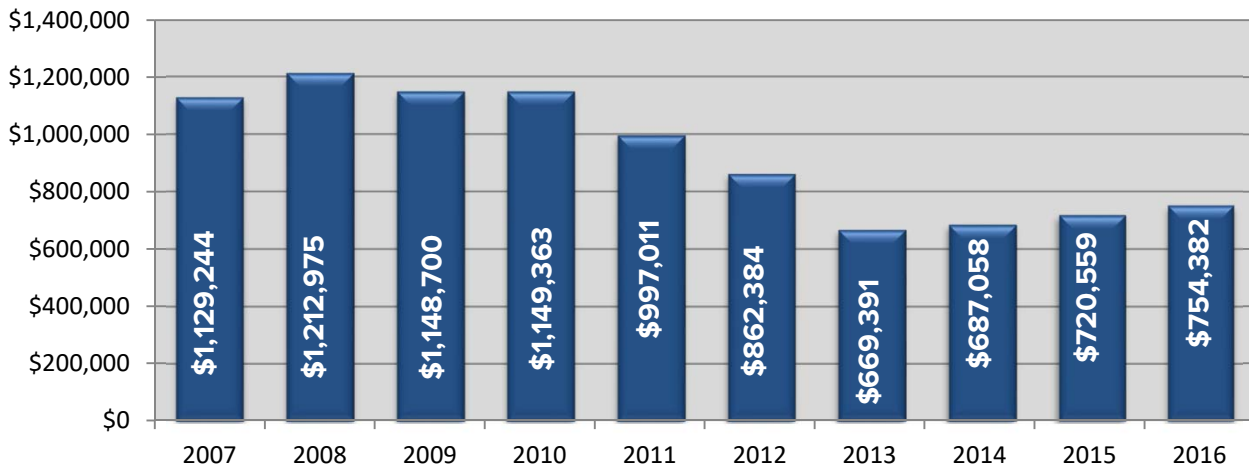
Repair and Maintenance Expendable - Increase \$9,000 for paint and carpet of department.

Education and Training - Increase \$4,000 due to reinstatement of tuition reimbursement program.

*Note:* Audit service fees secured at 2% annual increase over next three years.

Personnel Summary	2015 Budget		2016 Budget		2017 Budget		2018 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Accounting	6	1.5	6	1.6	6	1.6	6	1.6
<b>Total Department</b>	<b>6</b>	<b>1.5</b>	<b>6</b>	<b>1.6</b>	<b>6</b>	<b>1.6</b>	<b>6</b>	<b>1.6</b>

- Operating Budget History*



# Finance Department

**General Fund  
General Government/Financial Services**

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 101 GENERAL FUND</b>								
Expenditures								
<b>Department: 191 Finance</b>								
<b>Business Unit: 191 Accounting</b>								
<b>Department</b>								
101.191.00.191								
Personal Services	\$ 613,698	\$ 642,092	\$ 679,550	\$ 715,580	\$ 743,530	3.91%	\$ 759,820	\$ 776,510
Supplies	9,370	9,667	11,500	23,020	14,020	-39.10%	14,020	14,020
Other Service Charges	39,663	45,623	51,840	59,330	61,190	3.14%	62,350	63,550
<b>Business Unit Total: Accounting</b>								
<b>Department</b>	<b>662,732</b>	<b>697,382</b>	<b>742,890</b>	<b>797,930</b>	<b>818,740</b>	<b>2.61%</b>	<b>836,190</b>	<b>854,080</b>
<b>Business Unit: 192 Risk Management</b>								
101.191.00.192								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	827	-	-	-	-	0.00%	-	-
<b>Business Unit Total: Risk Management</b>	<b>827</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>
<b>Business Unit: 223 Independent Auditor</b>								
101.191.00.223								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	57,000	57,000	57,000	57,000	58,140	2.00%	59,300	60,500
<b>Business Unit Total: Independent Auditor</b>	<b>57,000</b>	<b>57,000</b>	<b>57,000</b>	<b>57,000</b>	<b>58,140</b>	<b>2.00%</b>	<b>59,300</b>	<b>60,500</b>
<b>Department Total: Finance Department</b>	<b>\$ 720,559</b>	<b>\$ 754,382</b>	<b>\$ 799,890</b>	<b>\$ 854,930</b>	<b>\$ 876,880</b>	<b>2.57%</b>	<b>\$ 895,490</b>	<b>\$ 914,580</b>

# CITY TREASURER'S OFFICE

City Treasurer | Sandra Kasperek

The Treasurer's Office is dedicated to providing the public with a positive experience interacting with government offices, particularly those conducting financial transactions with the city.

## **DEPARTMENT FUNCTION**

### **City Treasurer's Office**

- » Collection and recording of all City revenue
- » Preparation and deposit of all funds to appropriate bank accounts
- » Maintain and balance tax roll
- » Collection of tax revenue and disbursement to appropriate taxing authorities
- » Maintain billing of special assessments
- » Process outgoing City mail
- » Passport Acceptance Facility

**City Treasurer's Office**

**PERFORMANCE INDICATORS**

<b>Performance Indicator</b>	<b>2014/15 Actual</b>	<b>2015/16 Actual</b>	<b>2016/17 Projected</b>	<b>2017/18 Budget</b>
Tax Bill Payments Taken in the Treasurer's Office	21,409	21,400	21,400	20,000
Tax Bill Payments Processed Electronically and at the Lockbox	40,466	41,000	41,000	41,000
Tax Bill Payments Processed Online/IVR Credit Card	810	900	900	1,000
Tax Adjustments Processed	361	400	400	300
Total % of Tax Roll Collected	99.85	99.80	99.80	99.80
Water Bill Payments Taken in the Treasurer's Office	17,234	17,200	17,200	16,000
Water Bill Payments Processed at the Lockbox	65,876	66,000	66,000	64,500
Water Bill Payments Processed Online/IVR Credit Card	NA	2,360	2,400	2,400
Water Bill Payments Processed through Auto Pay	19,697	19,700	19,700	21,000
Customers Enrolled in Auto Pay	4,900	5,000	5,000	5,300
Special Assessment Billed	24	22	22	16
Number of Invoices Processed	11,500	12,000	12,000	8,900
Number of Pieces of Outgoing City Mail Processed	92,386	92,000	92,000	90,000
Passport Application Accepted	2,420	2,400	2,400	1,000

**Notes on Performance Indicators**

None

**City Treasurer's Office**

**SUMMARY OF BUDGET CHANGES**

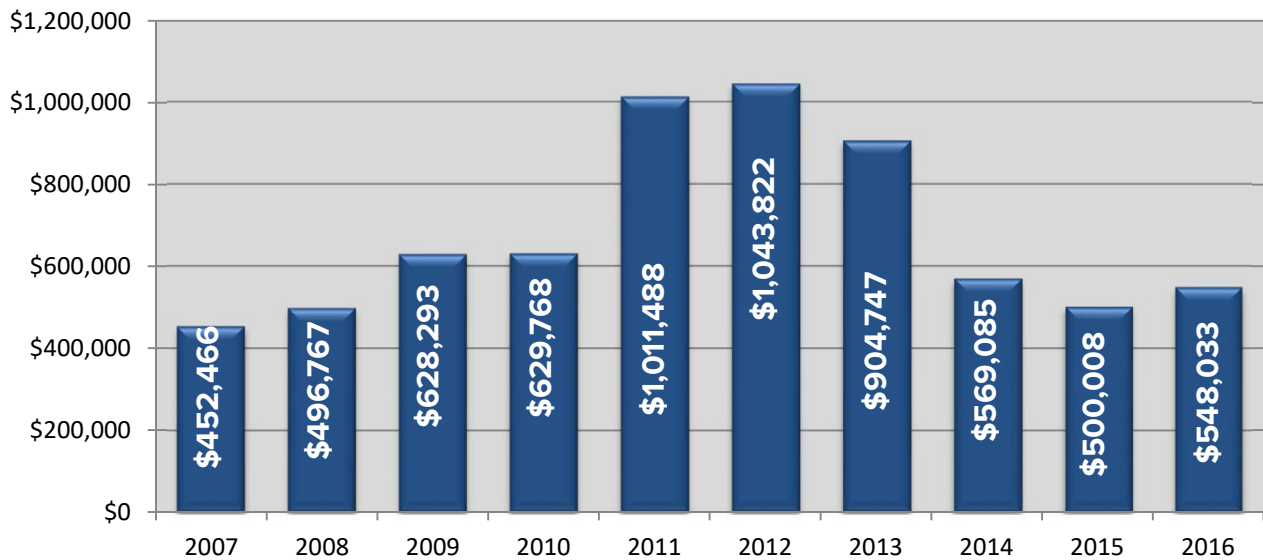
- Significant Notes - 2017/18 Budget Compared to 2016/17 Budget**

Other Service Charges:

Focus over the next 3 years is on staff development - earning the CPFA and MiCPT professional treasury credentials.

Personnel Summary	2015 Budget		2016 Budget		2017 Budget		2018 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
City Treasurer's Office	4	0	4	0	4	0	4	0
<b>Total Department</b>	<b>4</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>4</b>	<b>0</b>

- Operating Budget History**



**General Fund  
General Government/Financial Services**

## Treasurer's Office

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 101 GENERAL FUND</b>								
Expenditures								
<b>Department: 191 Finance/Treasury</b>								
<b>Business Unit: 253 Treasurer's Office</b>								
101.191.00.253								
Personal Services	\$ 369,887	\$ 348,768	\$ 383,380	\$ 392,850	\$ 402,710	2.51%	\$ 412,090	\$ 421,700
Supplies	21,899	30,636	37,500	37,500	39,200	4.53%	38,500	38,500
Other Service Charges	108,222	168,628	124,020	127,250	125,470	-1.40%	126,750	128,050
<b>Department Total: Treasurer's Office</b>	<b>\$ 500,008</b>	<b>\$ 548,033</b>	<b>\$ 544,900</b>	<b>\$ 557,600</b>	<b>\$ 567,380</b>	<b>1.75%</b>	<b>\$ 577,340</b>	<b>\$ 588,250</b>



# PURCHASING

Purchasing Manager | MaryBeth Murz

The Mission of the Purchasing Department is to ensure value for City of Troy Departments by procuring goods and services at the lowest competitive price from competent vendors meeting specifications. Activities of the personnel in the Purchasing Department shall be performed in a manner that guarantees the integrity of the purchasing process, and that all vendors and City personnel are treated equitably and professionally.

## **DEPARTMENT FUNCTION**

### **Purchasing Department**

- » Administering and managing and economical, effective, timely and lawful procurement process in order to meet the needs of the City.
- » Utilizing MITN; the Michigan Inter-Governmental Trade Network; [www.mitn.info](http://www.mitn.info)
- » Actively participating in cooperative purchasing opportunities where applicable and beneficial to the City of Troy.
- » Conduct Quote and Bid process which includes writing customized bid documents and Request for Proposals
- » Continuously facilitating and planning cost saving opportunities
- » Contract administration of City-wide, non-construction contracts.
- » Administering the procurement card program
- » Collaborating with the Finance Department to ensure accurate payment and processing of all purchases.

**Purchasing**

**PERFORMANCE INDICATORS**

<b>Performance Indicator</b>	<b>2014/15 Actual</b>	<b>2015/16 Actual</b>	<b>2016/17 Projected</b>	<b>2017/18 Budget</b>
Bid/Proposals Processed	47	48	40	52
Value of Goods/Services Purchased	\$35,995,863	\$38,064,564	\$36,000,000	\$37,000,000
Bid Process Savings	\$435,687	\$355,460	\$350,000	\$400,000
% of Awards Without Dispute	100%	100%	100%	100%
P-Card Transactions per Year	5,397	5,611	5,500	5,600
Total P-Card Spending	\$1,249,183	\$1,213,270	\$1,300,000	\$1,400,000
Average Amount of P-Card Transactions	\$235	\$221	\$225	\$230
Vending Commissions	\$11,795	\$12,005	\$12,000	\$12,000
Office Supply Rebates	\$5,310	\$1,050	\$1,400	\$1,500

**Notes on Performance Indicators**

- The Purchasing Department had a very busy and successful year. The % of Awards without dispute were 100%
- The total P-card spend had a substantial increase over last year; which means the City's P-card rebate will be \$13,753. The rebate is base on the total P-Card spend.
- Vending sales continue to perform and the City continues to receive commissions based on the City wide vending contract.

**Purchasing**

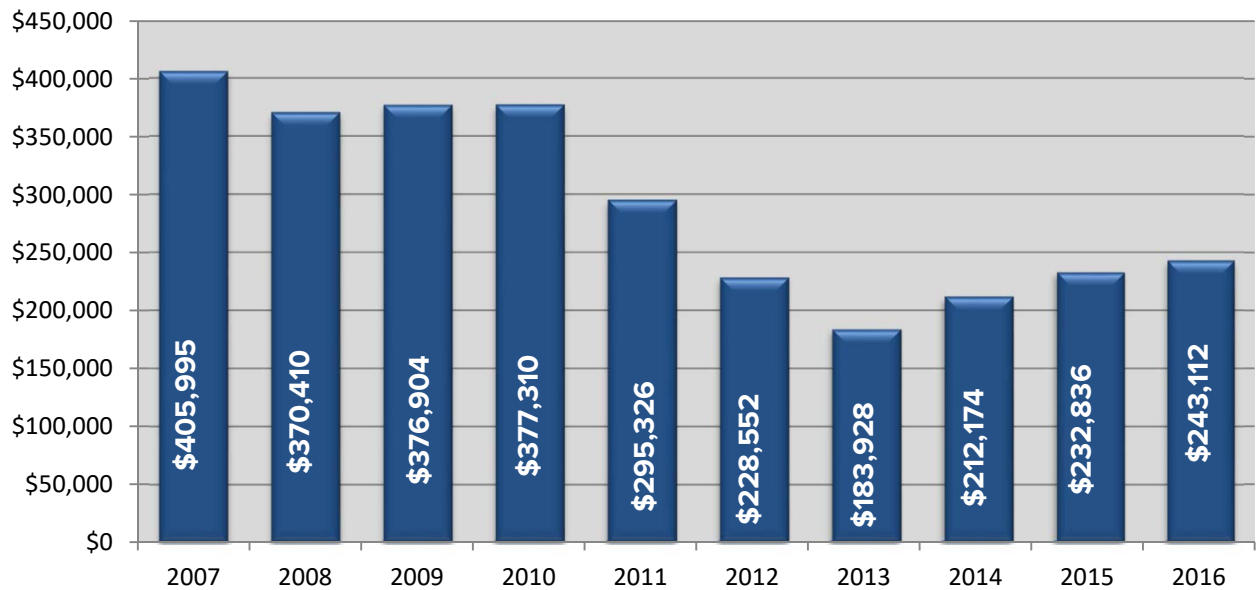
**SUMMARY OF BUDGET CHANGES**

- Significant Notes - 2017/18 Budget Compared to 2016/17 Budget*

Additional Part-Time administrative aide position added.

Personnel Summary	2015 Budget		2016 Budget		2017 Budget		2018 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Purchasing Department	2	0	2	0.7	2	0.7	2	1.6
<b>Total Department</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0.7</b>	<b>2</b>	<b>0.7</b>	<b>2</b>	<b>1.6</b>

- Operating Budget History*



**General Fund  
General Government/Financial Services**

## Purchasing Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 101 GENERAL FUND</b>								
Expenditures								
<b>Department: 233 Purchasing</b>								
<b>Business Unit: 233 Purchasing</b>								
101.233.00.233								
Personal Services	\$ 215,634	\$ 225,996	\$ 230,650	\$ 235,140	\$ 272,510	15.89%	\$ 245,760	\$ 251,160
Supplies	2,993	3,366	3,650	3,700	3,800	2.70%	3,900	3,900
Other Service Charges	14,209	13,751	15,740	18,020	18,590	3.16%	18,980	19,380
<b>Department Total: Purchasing Department</b>	<b>\$ 232,836</b>	<b>\$ 243,112</b>	<b>\$ 250,040</b>	<b>\$ 256,860</b>	<b>\$ 294,900</b>	<b>14.81%</b>	<b>\$ 268,640</b>	<b>\$ 274,440</b>

# CITY ASSESSOR'S OFFICE

City Assessor | Leger A. (Nino) Licari

The mission of the City Assessor's Office is to accurately inventory and appraise every parcel of property in Troy in order to fairly distribute the tax burden, which supports the cost of government.

## DEPARTMENT FUNCTION

### Assessing

- » Supervises preparation of Assessment Roll
- » Serves as secretary of the Board of Review
- » Implements policies and procedures
- » Defends City in all matters before the Michigan Tax Tribunal

**PERFORMANCE INDICATORS**

<b>Performance Indicators</b>	<b>2014/15 Actual</b>	<b>2015/16 Actual</b>	<b>2016/17 Projected</b>	<b>2017/18 Budget</b>
Board of Review Appointments	127	122	100	80
Assessor Review Changes	10	20	15	25
Personal Property Audits	150	150	150	150
Principal Residence Exemptions	2,774	2,648	3,600	3,000
Transfer Affidavits and Deeds	4,624	4,414	4,400	4,500
Property Description Changes	300	200	300	250
Total State Equalized Value	\$4,827,541,740	\$5,313,611,700	\$5,680,560,111	\$5,906,505,000
Small Claims Tribunal Appeals	55	40	40	35
Full Tribunal Appeals	64	60	55	40
Sales Ratio	50.00%	50.00%	50.00%	50.00%
Equalization Factor	1.00	1.00	1.00	1.00

**Notes on Performance Indicators**

- As Residential Value increase, Board of Review Appointments will decrease.
- Assessor Review Changes are higher than anticipated.
- Principal Residence Exemption and Deed processing will increase with more sales.
- Property Descriptions Changes will flatten.
- Small Claims Tribunal Appeals will flatten with rising residential values.
- Full Tribunal Appeals will start to decrease.
- The Sales Ratio percent and Equalization Factor should not change.

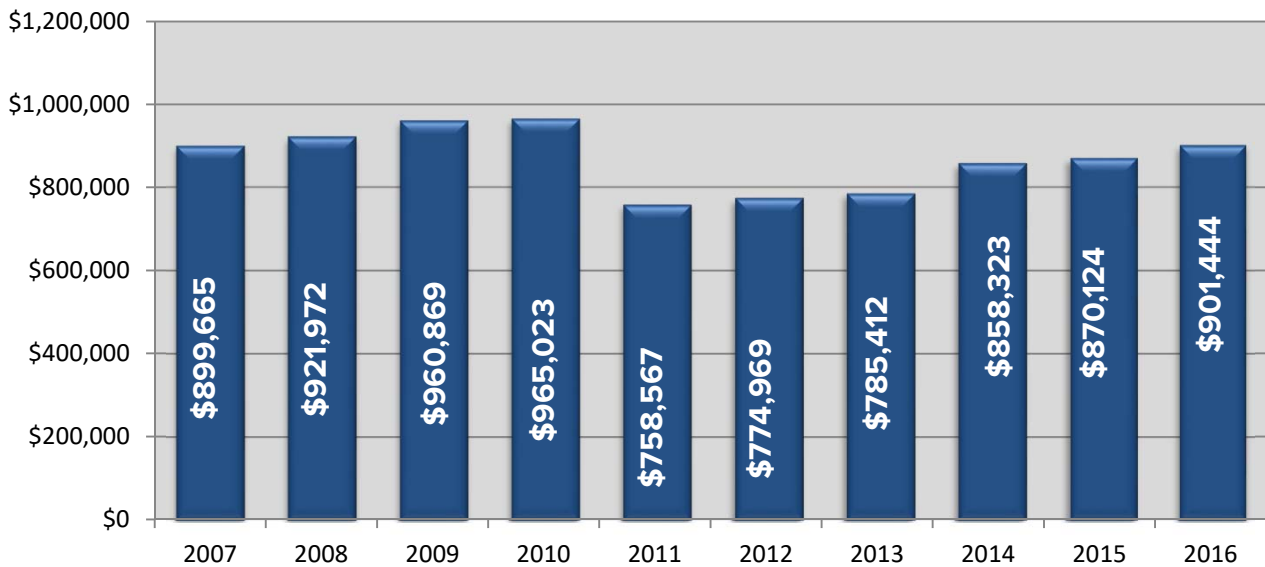
**City Assessor's Office**

**SUMMARY OF BUDGET CHANGES**

- *Significant Notes - 2017/18 Budget Compared to 2016/17 Budget*

Personnel Summary	2015 Budget		2016 Budget		2017 Budget		2018 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
City Assessor's Office	6	0.7	6	0.7	7	0	7	0
<b>Total Department</b>	<b>6</b>	<b>0.7</b>	<b>6</b>	<b>0.7</b>	<b>7</b>	<b>0</b>	<b>7</b>	<b>0</b>

- *Operating Budget History*



**General Fund  
General Government/Financial Services**

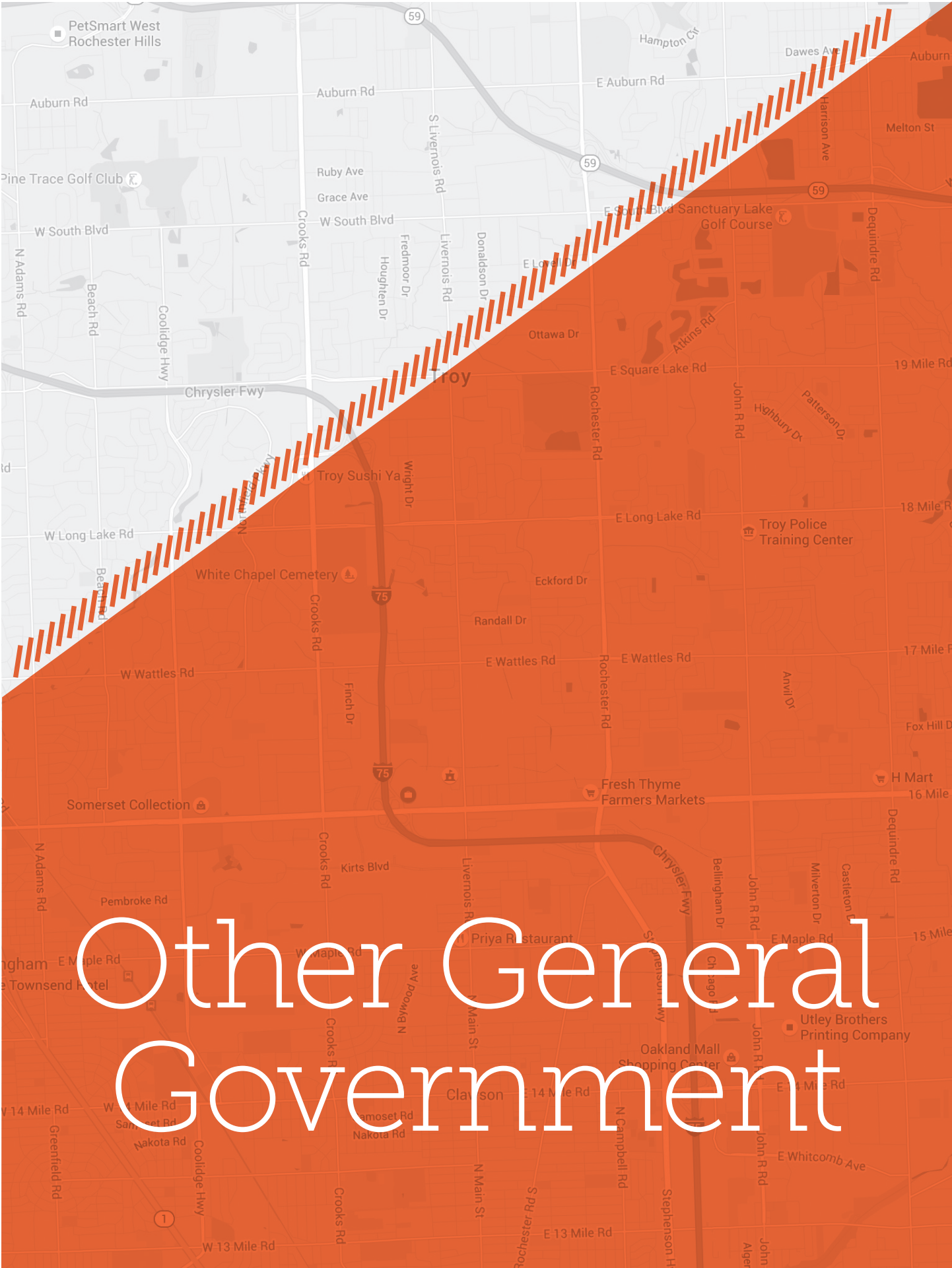
## Assessing Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 101 GENERAL FUND</b>								
Expenditures								
<b>Department: 257 Assessing Department</b>								
<b>Business Unit: 247 Board of Review</b>								
101.257.00.247								
Personal Services	\$ 969	\$ 970	\$ 1,940	\$ 1,940	\$ 1,940	0.00%	\$ 1,980	\$ 2,020
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	359	301	550	550	550	0.00%	550	550
<b>Business Unit Total: Board of Review</b>	<b>1,328</b>	<b>1,271</b>	<b>2,490</b>	<b>2,490</b>	<b>2,490</b>	<b>0.00%</b>	<b>2,530</b>	<b>2,570</b>
<b>Business Unit: 257 Assessor's Office</b>								
101.257.00.257								
Personal Services	775,753	803,294	912,930	929,140	938,940	1.05%	959,870	981,310
Supplies	19,508	20,597	22,150	22,150	23,370	5.51%	24,660	26,020
Other Service Charges	73,535	76,281	79,440	83,140	80,300	-3.42%	81,500	82,720
<b>Business Unit Total: Assessor's Office</b>	<b>868,797</b>	<b>900,173</b>	<b>1,014,520</b>	<b>1,034,430</b>	<b>1,042,610</b>	<b>0.79%</b>	<b>1,066,030</b>	<b>1,090,050</b>
<b>Department Total: Assessing Department</b>	<b>\$ 870,124</b>	<b>\$ 901,444</b>	<b>\$ 1,017,010</b>	<b>\$ 1,036,920</b>	<b>\$ 1,045,100</b>	<b>0.79%</b>	<b>\$ 1,068,560</b>	<b>\$ 1,092,620</b>





WE WANT EVERYONE  
TO CHOOSE TROY



# Other General Government

# CITY BUILDINGS

Director of Building Operations | Steve Pallotta

Personnel Summary	2015 Budget		2016 Budget		2017 Budget		2018 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
City Hall								
<b>Total Department</b>	√	√	√	√	√	√	√	√

√ See Building Operations Fund (Internal Service Fund)

**General Fund  
General Government/Other General**

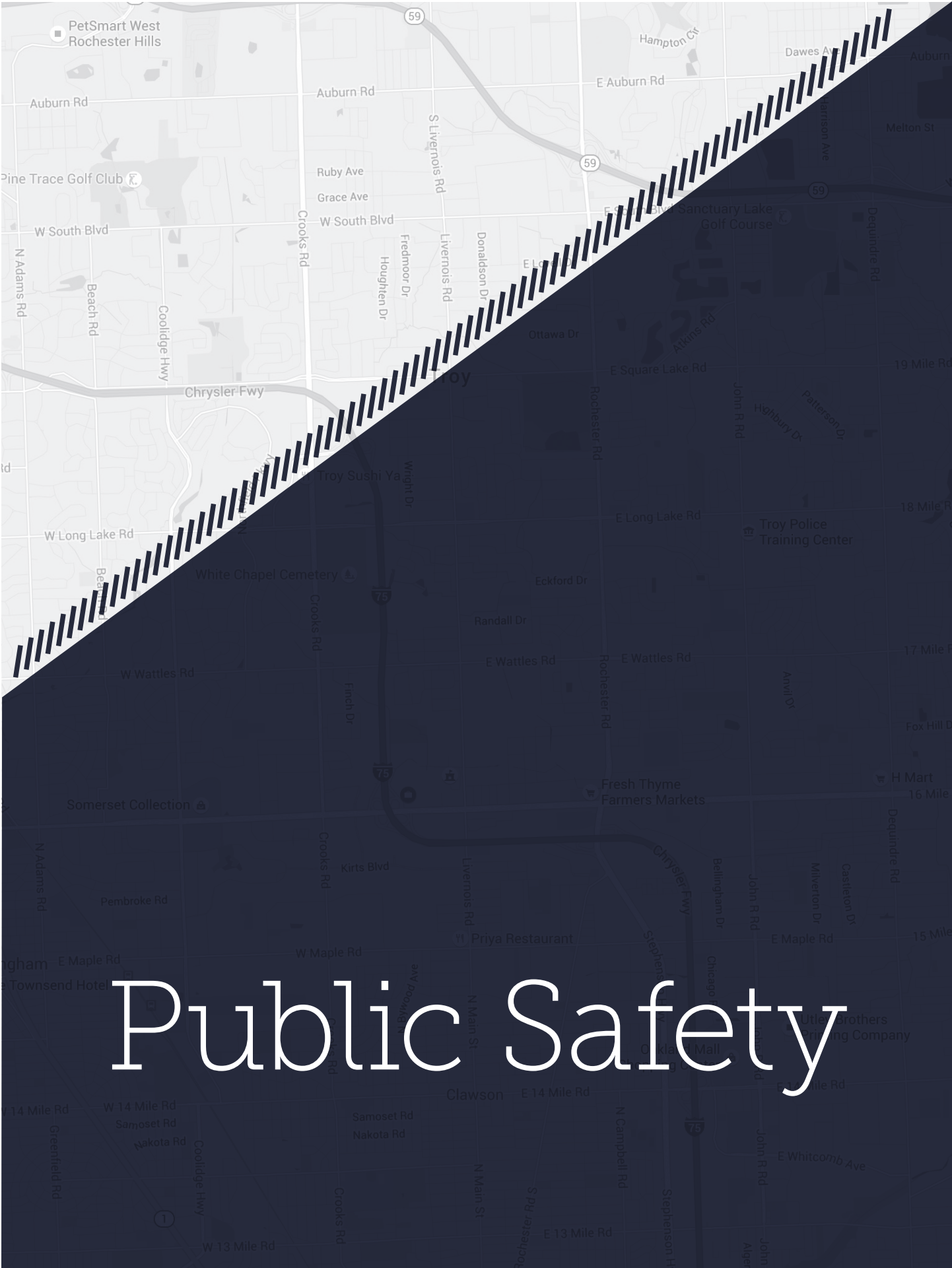
## Building Operations

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 101 GENERAL FUND</b>								
Expenditures								
<b>Department: 264 Building Operations</b>								
<b>Business Unit: 261 Fire/Police Training Center</b> 101.264.00.261								
Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -
Supplies	4,579	2,991	4,700	5,210	5,320	2.11%	5,430	5,540
Other Service Charges	74,673	71,640	90,350	100,040	102,880	2.84%	104,820	106,840
<b>Business Unit Total: Fire/Police Training Ctr.</b>	<b>79,251</b>	<b>74,631</b>	<b>95,050</b>	<b>105,250</b>	<b>108,200</b>	<b>2.80%</b>	<b>110,250</b>	<b>112,380</b>
<b>Business Unit: 265 City Hall</b> 101.264.00.265								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	3,912	500	870	890	2.30%	900	920
Other Service Charges	606,472	733,345	776,900	804,900	823,540	2.32%	840,050	855,780
<b>Business Unit Total: City Hall</b>	<b>606,472</b>	<b>737,257</b>	<b>777,400</b>	<b>805,770</b>	<b>824,430</b>	<b>2.32%</b>	<b>840,950</b>	<b>856,700</b>

**General Fund  
General Government/Other General**

## Building Operations

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 277 District Court</b>								
101.264.00.277								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	17,552	18,470	19,300	21,500	21,500	0.00%	21,930	22,370
Other Service Charges	193,923	186,350	210,000	237,490	241,630	1.74%	246,480	251,420
<b>Business Unit Total: District Court</b>	<b>211,475</b>	<b>204,820</b>	<b>229,300</b>	<b>258,990</b>	<b>263,130</b>	<b>1.60%</b>	<b>268,410</b>	<b>273,790</b>
<b>Department Total: Building Operations</b>	<b>\$ 897,199</b>	<b>\$ 1,016,708</b>	<b>\$ 1,101,750</b>	<b>\$ 1,170,010</b>	<b>\$ 1,195,760</b>	<b>2.20%</b>	<b>\$ 1,219,610</b>	<b>\$ 1,242,870</b>



# Public Safety

# POLICE

Police Chief | Gary G. Mayer

It is the mission of the Police Department to enhance the quality of life in our community by protecting life and property and maintaining the peace through police service. The Police Department seeks to accomplish its mission by forming partnerships with residents, businesses, community groups, governmental agencies, and private organizations. The Department utilizes problem solving and creativity to enhance community livability and empowers its employees to exercise leadership to achieve our mission.

## DEPARTMENT FUNCTION

### Office of the Chief of Police / Professional Standards Section

- » Prepares and administers the Department budget
- » Coordinates and administers grants
- » Directs the planning, organization coordination, and review of Department operations
- » Establishes, evaluates, and reports on Department goals
- » Develops, implements, and evaluates Department policies and procedures
- » Works with the City Manager and department heads on city plans and projects
- » Serves as a liaison with law enforcement and community groups
- » Manages emergency operations and homeland security functions
- » Conducts Internal and Pre-employment Investigations
- » Develops, schedules, and presents department training
- » Manages and disseminates social media
- » Facilitates problem-solving projects
- » Conducts background investigations on liquor license applicants, gun registration, and other city-mandated licensing and permits
- » Manages and directs the Tactical Support Team, Crisis Negotiation Team, and Oakland County Hazardous Material Response Team
- » Coordinates with Oak Tac Training Consortium to manage and direct small squad tactics, active shooter, and school safety training exercises

## DEPARTMENT FUNCTION

### Office of the Chief of Police / Professional Standards Section (cont.)

- » Manages the function of Crime Data Analyst
- » Serves as a liaison with law enforcement and community groups
- » Manages emergency operations and homeland security functions
- » Conducts Internal and Pre-employment Investigations
- » Develops, schedules, and presents department training
- » Manages and disseminates social media
- » Facilitates problem-solving projects
- » Conducts background investigations on liquor license applicants, gun registration, and other city-mandated licensing and permits
- » Manages and directs the Tactical Support Team, Crisis Negotiation Team, and Oakland County Hazardous Material Response Team
- » Coordinates with Oak Tac Training Consortium to manage and direct small squad tactics, active shooter, and school safety training exercises
- » Manages the function of Crime Data Analyst

### Investigative/Administrative Services

- » Investigates reported crimes and suspected criminal activity
- » Conducts undercover investigations and criminal surveillances
- » Gathers collates, and disseminates information regarding criminal activity

# POLICE (CONT.)

Police Chief | Gary G. Mayer

## DEPARTMENT FUNCTION (CONT.)

### Investigative/Administrative Services Continued

- » Administers criminal and narcotics forfeiture actions
- » Provides specialized narcotics trafficking and arson investigation
- » Serves as liaison with other law enforcement agencies
- » Conducts forensic examinations of electronic devices
- » Participates in multi-jurisdictional investigative efforts
- » Conducts investigations relative to child welfare, abuse, and neglect
- » Serves as liaison with local, state, and federal prosecutors and courts
- » Maintains records, processes Freedom of Information (FOIA) requests, and permit and license requests
- » Stores, secures, and disposes of property and evidence
- » Houses and transports prisoners
- » Dispatches calls for emergency services
- » Coordinates and maintains management information systems and conducts research and planning
- » Coordinates purchase and maintenance of Department vehicles
- » Manages impound vehicles
- » Coordinates volunteers working inside the Department

### Operations Division

- » Establishes working relationships with people in the community to facilitate quality policing and problem solving
- » Operates motor and foot patrol by uniformed and plain clothes officers for the general maintenance of law and order
- » Provides immediate response to emergency situations and provides specialized law enforcement response to tactical situations
- » Investigates traffic crashes, facilitates traffic education programs, responds to complaints of neighborhood traffic problems
- » Disseminates media information/Public Information Officer
- » Conducts safety education classes for youth groups
- » Implements crime prevention programs
- » Coordinates school crossing guards
- » Coordinates Chaplain programs
- » Facilitates the volunteer Citizen on Patrol program
- » Participates in multi-jurisdictional South Oakland County Crash Investigations team
- » Utilizes K-9 Unit for drug searches, missing persons, and tracking criminals
- » Processes major crime scene/Evidence Technician Unit
- » Conducts liquor compliance inspections by plain clothes and uniform officers
- » Conducts tobacco compliance checks and Smoking Lounges compliance checks Massage facilities compliance checks
- » Somerset Liaison Officer and School Resource Officer
- » Plan, coordinate, staff and execute large
- » Scale Special Events occurring in the City
- » Coordinate the PD involvement in Community charity based events in conjunction with City Civic Groups



**Police**

### PERFORMANCE INDICATORS

Performance Indicator	2014/15 Actual	2015/16 Actual	2016/17 Projected	2017/18 Budget
OWI Arrests	413	338	375	360
Underage Alcohol Enforcement	59	46	50	60
Liquor Law Violations	13	5	5	4
Alcohol Compliance Inspections Resulting in Violations	4	4	4	4
Group A Crimes Occurring	2,933	3,412	3,400	3,150
Group A Crimes Arrests	1,251	1,216	1,210	1,300
Group A Crime Clearance Rate	43.7%	43.0%	43.0%	42.0%
Directed/Selective Traffic Enforcement Details	1	20	30	320
Hazardous Traffic Citations	5,283	4,914	5,000	4,100
Non-Hazardous Traffic Citations	1,221	758	775	500
License, Title, Registration Citations	3,528	3,192	3,200	2,500
Obligated Time	69.8%	70.0%	70.0%	68.0%
Traffic Crashes (Reportable)	3,174	3,420	3,420	3,200
Request for Ambulance With Officer	2,765	1,830	1,830	1,900
Volunteer Hours	4,275.00	5,782.00	5,800.00	3,900.00
Online (Web Based Reports Taken)	432	412	437	460

### Notes on Performance Indicators

- The Police Department's goals are:
  - To increase community involvement/awareness in an effort to enhance the livability of the overall Troy community
  - To maintain a high level of police service and professionalism in Troy
  - To reduce/maintain crime level in Troy

Police

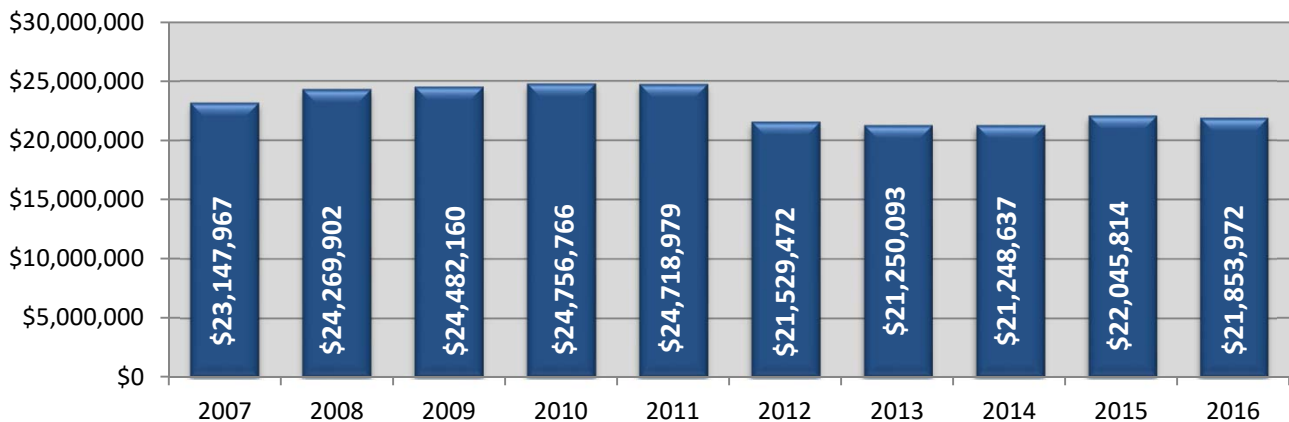
**SUMMARY OF BUDGET CHANGES**

• *Significant Notes - 2017/18 Budget Compared to 2016/17 Budget*

- \* The total Police Department Operating Budget is \$25,277,800. This is a \$562,060 or 2.27% increase over the prior year. The capital budget is located in the Capital Projects Fund and is \$324,500. This is an decrease over the prior year budget by \$528,000 or 61.9%.
- \* Full-time personnel have increased by 6 positions with the addition of the six new police officer positions. Personal Services continue to be the largest portion of the Police Department budget, comprising 86.62% of the entire department budget.
- \* The Capital Budget saw a significant decrease because of the number of large projects done in Budget Year 16/17. The Police Department parking lot fence project was also added into the 16/17 Capital Budget at the end of 2016.

Personnel Summary	2015 Budget		2016 Budget		2017 Budget		2018 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Police Department	152.5	8.8	153.5	8.3	152	9.1	158	8.1
<b>Total Department</b>	<b>152.5</b>	<b>8.8</b>	<b>153.5</b>	<b>8.3</b>	<b>152</b>	<b>9.1</b>	<b>158</b>	<b>8.1</b>

• *Operating Budget History*



**General Fund  
Public Safety**

# Police Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 101 GENERAL FUND</b>								
Expenditures								
<b>Department: 301 Police Department</b>								
<b>Division: 10 Executive Administration</b>								
<b>Business Unit: 305 Police Administration</b> 101.301.10.305								
Personal Services	\$ 899,164	\$ 881,357	\$ 985,110	\$ 939,130	\$ 934,150	-0.53%	\$ 954,210	\$ 974,750
Supplies	125,536	100,516	102,700	105,610	108,590	2.82%	110,710	112,870
Other Service Charges	513,154	476,210	552,650	586,970	618,920	5.44%	603,500	614,475
<b>Business Unit Total: Police Administration</b>	<b>1,537,854</b>	<b>1,458,083</b>	<b>1,640,460</b>	<b>1,631,710</b>	<b>1,661,660</b>	<b>1.84%</b>	<b>1,668,420</b>	<b>1,702,095</b>

**General Fund  
Public Safety**

# Police Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 320</b>								
<b>Professional Standards</b>								
101.301.10.320								
Personal Services	648,618	680,186	713,990	729,110	743,070	1.91%	759,640	776,590
Supplies	1,790	1,682	1,800	1,800	1,800	0.00%	1,800	1,800
Other Service Charges	8,840	18,853	18,520	19,020	17,420	-8.41%	19,370	19,560
<b>Business Unit Total:</b>								
<b>Professional Standards</b>	<b>659,248</b>	<b>700,721</b>	<b>734,310</b>	<b>749,930</b>	<b>762,290</b>	<b>1.65%</b>	<b>780,810</b>	<b>797,950</b>
<b>Division Total:</b>								
<b>Executive Administration</b>	<b>2,197,102</b>	<b>2,158,804</b>	<b>2,374,770</b>	<b>2,381,640</b>	<b>2,423,950</b>	<b>1.78%</b>	<b>2,449,230</b>	<b>2,500,045</b>
<b>Division: 11</b>								
<b>Investigative/Admin Services</b>								
<b>Business Unit: 307</b>								
<b>Investigations Services</b>								
101.301.11.307								
Personal Services	1,881,902	1,820,714	1,936,760	1,999,240	2,049,500	2.51%	2,094,620	2,140,820
Supplies	9,399	12,305	16,300	16,360	16,500	0.86%	16,370	16,510
Other Service Charges	121,163	116,690	135,780	143,990	136,000	-5.55%	146,430	148,300
<b>Business Unit Total:</b>								
<b>Investigations Services</b>	<b>2,012,463</b>	<b>1,949,709</b>	<b>2,088,840</b>	<b>2,159,590</b>	<b>2,202,000</b>	<b>1.96%</b>	<b>2,257,420</b>	<b>2,305,630</b>

**General Fund  
Public Safety**

# Police Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 308</b>								
<b>Crime Information Unit</b>								
101.301.11.308								
Personal Services	464,960	452,120	466,930	473,940	469,050	-1.03%	479,280	489,780
Supplies	1,692	3,910	4,200	4,260	4,300	0.94%	4,460	4,550
Other Service Charges	23,277	22,963	23,350	23,890	23,380	-2.13%	24,610	24,810
<b>Business Unit Total:</b>								
<b>Crime Information Unit</b>	<b>489,928</b>	<b>478,993</b>	<b>494,480</b>	<b>502,090</b>	<b>496,730</b>	<b>-1.07%</b>	<b>508,350</b>	<b>519,140</b>
<b>Business Unit: 309</b>								
<b>Special Investigations Unit</b>								
101.301.11.309								
Personal Services	482,030	509,587	537,260	532,750	545,920	2.47%	558,010	570,390
Supplies	3,223	2,866	21,700	21,740	8,270	-61.96%	3,800	3,820
Other Service Charges	43,644	38,366	37,830	39,670	38,090	-3.98%	39,750	40,270
<b>Business Unit Total:</b>								
<b>Special Investigations Unit</b>	<b>528,897</b>	<b>550,820</b>	<b>596,790</b>	<b>594,160</b>	<b>592,280</b>	<b>-0.32%</b>	<b>601,560</b>	<b>614,480</b>

**General Fund  
Public Safety**

# Police Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 311 Drug Enforcement (DEA)</b>								
101.301.11.311								
Personal Services	161,263	169,804	177,190	173,500	175,310	1.04%	179,190	183,190
Supplies	5,507	1,924	5,900	9,100	9,280	1.98%	9,460	9,640
Other Service Charges	20,656	20,956	20,890	21,680	21,050	-2.91%	21,860	22,220
<b>Business Unit Total: Drug Enforcement (DEA)</b>	<b>187,426</b>	<b>192,683</b>	<b>203,980</b>	<b>204,280</b>	<b>205,640</b>	<b>0.67%</b>	<b>210,510</b>	<b>215,050</b>
<b>Business Unit: 321 Criminal Justice Training</b>								
101.301.11.321								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	22,429	19,214	21,000	21,300	21,730	2.02%	22,170	22,620
<b>Business Unit Total: Criminal Justice Training</b>	<b>22,429</b>	<b>19,214</b>	<b>21,000</b>	<b>21,300</b>	<b>21,730</b>	<b>2.02%</b>	<b>22,170</b>	<b>22,620</b>

**General Fund  
Public Safety**

# Police Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 322</b>								
<b>Training Section</b>								
101.301.11.322								
Personal Services	302,935	289,852	294,300	311,060	316,020	1.59%	322,870	329,860
Supplies	96,896	84,235	85,600	86,450	88,150	1.97%	89,890	91,660
Other Service Charges	24,174	19,603	20,150	21,160	20,500	-3.12%	21,280	21,730
<b>Business Unit Total:</b>								
<b>Training Section</b>	<b>424,005</b>	<b>393,690</b>	<b>400,050</b>	<b>418,670</b>	<b>424,670</b>	<b>1.43%</b>	<b>434,040</b>	<b>443,250</b>
<b>Business Unit: 324</b>								
<b>Emergency Response/Preparedness</b>								
101.301.11.324								
Personal Services	69,619	76,478	79,680	81,830	79,680	-2.63%	81,400	83,180
Supplies	34,776	34,090	54,000	54,310	55,400	2.01%	56,510	57,640
Other Service Charges	4,538	573	4,030	10,590	10,790	1.89%	11,010	11,110
<b>Business Unit Total:</b>								
<b>Emergency Response/Preparedness</b>	<b>108,932</b>	<b>111,141</b>	<b>137,710</b>	<b>146,730</b>	<b>145,870</b>	<b>-0.59%</b>	<b>148,920</b>	<b>151,930</b>

**General Fund  
Public Safety**

# Police Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 326</b>								
<b>Records Section</b>								
101.301.11.326								
Personal Services	540,715	539,234	520,710	623,960	623,410	-0.09%	637,670	652,270
Supplies	1,189	1,458	1,300	1,310	5,320	306.11%	5,410	5,500
Other Service Charges	22,502	2,282	6,890	13,840	6,330	-54.26%	6,590	6,630
<b>Business Unit Total:</b>								
<b>Records Section</b>	<b>564,406</b>	<b>542,974</b>	<b>528,900</b>	<b>639,110</b>	<b>635,060</b>	<b>-0.63%</b>	<b>649,670</b>	<b>664,400</b>
<b>Business Unit: 329</b>								
<b>Lockup Section</b>								
101.301.11.329								
Personal Services	1,273,681	1,148,762	1,140,630	1,321,620	1,322,280	0.05%	1,352,040	1,382,510
Supplies	19,317	22,770	20,000	20,900	21,120	1.05%	21,770	21,990
Other Service Charges	15,879	14,021	14,660	16,090	14,650	-8.95%	15,330	15,550
<b>Business Unit Total:</b>								
<b>Lockup Section</b>	<b>1,308,878</b>	<b>1,185,553</b>	<b>1,175,290</b>	<b>1,358,610</b>	<b>1,358,050</b>	<b>-0.04%</b>	<b>1,389,140</b>	<b>1,420,050</b>
<b>Business Unit: 333</b>								
<b>Property Section</b>								
101.301.11.333								
Personal Services	112,189	90,871	100,460	113,420	108,670	-4.19%	111,230	113,860
Supplies	2,303	1,779	1,800	1,840	1,870	1.63%	1,900	1,920
Other Service Charges	526	214	260	440	270	-38.64%	280	290
<b>Business Unit Total:</b>								
<b>Property Section</b>	<b>115,018</b>	<b>92,863</b>	<b>102,520</b>	<b>115,700</b>	<b>110,810</b>	<b>-4.23%</b>	<b>113,410</b>	<b>116,070</b>



**General Fund  
Public Safety**

# Police Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 334 Research &amp; Technology 101.301.11.334</b>								
Personal Services	284,585	240,266	102,830	303,150	315,040	3.92%	322,590	330,340
Supplies	21,720	17,583	23,000	24,350	24,840	2.01%	25,340	25,850
Other Service Charges	593,295	619,077	654,770	657,040	723,380	10.10%	743,130	763,440
<b>Business Unit Total: Research &amp; Technology</b>	<b>899,601</b>	<b>876,927</b>	<b>780,600</b>	<b>984,540</b>	<b>1,063,260</b>	<b>8.00%</b>	<b>1,091,060</b>	<b>1,119,630</b>
<b>Division Total: Investigative/Admin Services</b>	<b>6,661,984</b>	<b>6,394,567</b>	<b>6,530,160</b>	<b>7,144,780</b>	<b>7,256,100</b>	<b>1.56%</b>	<b>7,426,250</b>	<b>7,592,250</b>
<b>Division: 12 Operations Business Unit: 315 Road Patrol 101.301.12.315</b>								
Personal Services	8,102,991	7,968,158	8,652,510	9,414,810	9,928,270	5.45%	10,143,870	10,364,480
Supplies	214,326	186,487	149,580	167,300	178,320	6.59%	173,980	177,440
Other Service Charges	874,833	772,843	820,075	842,000	854,190	1.45%	860,120	870,490
<b>Business Unit Total: Road Patrol</b>	<b>9,192,150</b>	<b>8,927,488</b>	<b>9,622,165</b>	<b>10,424,110</b>	<b>10,960,780</b>	<b>5.15%</b>	<b>11,177,970</b>	<b>11,412,410</b>

**General Fund  
Public Safety**

# Police Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 316 K Nine</b>								
101.301.12.316								
Personal Services	453,206	462,859	464,390	472,910	494,680	4.60%	505,240	516,040
Supplies	3,282	5,690	4,500	4,750	4,880	2.74%	4,920	4,960
Other Service Charges	60,549	48,269	62,020	63,760	62,780	-1.54%	65,210	66,540
<b>Business Unit Total: K Nine</b>	<b>517,037</b>	<b>516,818</b>	<b>530,910</b>	<b>541,420</b>	<b>562,340</b>	<b>3.86%</b>	<b>575,370</b>	<b>587,540</b>
<b>Business Unit: 317 Directed Patrol Unit</b>								
101.301.12.317								
Personal Services	558,739	543,947	447,960	606,680	460,170	-24.15%	470,550	481,160
Supplies	3,381	5,958	4,700	5,680	4,820	-15.14%	4,860	4,910
Other Service Charges	56,125	75,717	85,430	87,790	64,070	-27.02%	89,140	90,660
<b>Business Unit Total: Directed Patrol Unit</b>	<b>618,245</b>	<b>625,622</b>	<b>538,090</b>	<b>700,150</b>	<b>529,060</b>	<b>-24.44%</b>	<b>564,550</b>	<b>576,730</b>
<b>Business Unit: 318 Traffic Unit</b>								
101.301.12.318								
Personal Services	36,023	253,771	269,760	266,590	282,440	5.95%	288,790	295,300
Supplies	3,152	2,318	3,600	3,670	3,710	1.09%	3,750	3,790
Other Service Charges	15,463	34,297	35,710	37,880	39,350	3.88%	37,230	38,010
<b>Business Unit Total: Traffic Unit</b>	<b>54,638</b>	<b>290,385</b>	<b>309,070</b>	<b>308,140</b>	<b>325,500</b>	<b>5.63%</b>	<b>329,770</b>	<b>337,100</b>

**General Fund  
Public Safety**

# Police Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 319</b>								
<b>Crossing Guards</b>								
101.301.12.319								
Personal Services	26,216	34,142	37,370	32,320	37,850	17.11%	38,610	39,390
Supplies	285	300	300	300	310	3.33%	320	330
Other Service Charges	363	139	170	280	170	-39.29%	180	180
<b>Business Unit Total:</b>								
<b>Crossing Guards</b>	<b>26,864</b>	<b>34,581</b>	<b>37,840</b>	<b>32,900</b>	<b>38,330</b>	<b>16.50%</b>	<b>39,110</b>	<b>39,900</b>
<b>Business Unit: 325</b>								
<b>Communications Section</b>								
101.301.12.325								
Personal Services	1,767,245	1,790,143	2,001,490	2,102,860	2,072,750	-1.43%	2,119,480	2,167,390
Supplies	51,025	36,551	37,000	41,980	44,910	6.98%	45,240	45,580
Other Service Charges	77,557	63,342	53,695	61,750	59,620	-3.45%	60,860	62,130
<b>Business Unit Total:</b>								
<b>Communications Section</b>	<b>1,895,827</b>	<b>1,890,036</b>	<b>2,092,185</b>	<b>2,206,590</b>	<b>2,177,280</b>	<b>-1.33%</b>	<b>2,225,580</b>	<b>2,275,100</b>

**General Fund  
Public Safety**

# Police Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 335 Community Services Section</b>								
101.301.12.335								
Personal Services	818,977	939,556	888,240	900,590	931,730	3.46%	952,330	973,390
Supplies	6,506	8,429	9,600	9,650	8,920	-7.56%	9,000	9,070
Other Service Charges	56,483	67,687	63,580	65,770	63,810	-2.98%	66,620	67,480
<b>Business Unit Total: Community Services Section</b>	<b>881,965</b>	<b>1,015,672</b>	<b>961,420</b>	<b>976,010</b>	<b>1,004,460</b>	<b>2.91%</b>	<b>1,027,950</b>	<b>1,049,940</b>
<b>Operations</b>	<b>13,186,728</b>	<b>13,300,602</b>	<b>14,091,680</b>	<b>15,189,320</b>	<b>15,597,750</b>	<b>2.69%</b>	<b>15,940,300</b>	<b>16,278,720</b>
<b>Department Total: Police Department</b>	<b>\$ 22,045,814</b>	<b>\$ 21,853,972</b>	<b>\$ 22,996,610</b>	<b>\$ 24,715,740</b>	<b>\$ 25,277,800</b>	<b>2.27%</b>	<b>\$ 25,815,780</b>	<b>\$ 26,371,015</b>

# FIRE

Fire Chief | David Roberts

The mission of the Troy Fire Department is to provide the highest possible level of fire protection, rescue, and hazard mitigation services to the community. This shall be accomplished with a team of professionals, both volunteer and career, by providing fire prevention, public education, emergency operations, and planning.

## DEPARTMENT FUNCTION

### Administration

- » Plans community fire protection/emergency services
- » Oversees recruitment and selection of volunteer and career personnel
- » Develops department policies and procedures
- » Prepares and administers department budget
- » Administers and directs department operations
- » Administers EMS contract including paramedic "First Responder" program

### Fire Prevention/Public Education

- » Reviews plans for future site development
- » Reviews plans for new building construction and renovation
- » Reviews plans for fire protection system installations
- » Conducts building fire and life safety inspections
- » Issues permits for fire protection, hazardous materials, occupancy, fireworks and special event permits
- » Administers state and federal "Firefighter Right to Know" program
- » Conducts public fire safety education to all ages
- » Oversees youth explorer program

### Fire Suppression

- » Responds to fires and other emergencies
- » Mitigates hazards
- » Performs routine inspections and maintenance of assigned apparatus and equipment

### Operations

- » Coordinates/Provides recruit and in-service training
- » Conducts fire investigations
- » Coordinates equipment and apparatus acquisition and maintenance
- » Coordinates facility maintenance

## Fire

**PERFORMANCE INDICATORS**

Performance Indicator	2014/15 Actual	2015/16 Actual	2016/17 Projected	2017/18 Budget
Fire Department Responses	1,076	1,100	1,100	1,100
All Fires	154	150	150	200
Structure Fires	41	50	50	100
Property Endangered	\$124,787,496	\$130,000,000	\$140,000,000	\$120,000,000
Fire Loss	\$2,198,859	\$2,600,000	\$2,800,000	\$2,400,000
# of Volunteer Firefighters	155	160	165	165
Firefighter Training Hours	18,100	18,000	18,000	18,000
Public Education Programs	95	100	100	100
Public Education Attendance	8,470	8,000	8,000	8,000
Inspections Performed	2,766	2,600	2,600	2,600
Violations Issued	1,775	1,500	1,500	1,800
Violations Cleared	1,167	1,000	1,000	1,000
Fees Earned	\$155,200	\$155,000	\$155,000	\$160,000
Permits Issued	598	600	600	550
Plans Reviewed	845	800	800	850
Fire Loss Per Capita*	\$27.15	\$32.11	\$34.58	\$28.98
Dept. Operating Cost Per Capita**	\$82.22	\$60.60	\$62.29	\$66.36
Firefighting Efficiency***	98%	98%	98%	98%
Civilian fire related deaths/injuries	0/2	0/0	0/0	0/0
Firefighter death/injuries	0/6	0/0	0/0	0/0

**Notes on Performance Indicators**

- \*Structure fires only
- \*\*Based on the 2013 Census population of **82,821** residents. 2014/15 Actual includes an additional \$2 million contribution to the Volunteer Firefighters Incentive Plan. The 2017/18 budget includes an additional \$600 thousand contribution to the Plan.
- \*\*\*Fire loss vs. endangered structure value

Fire

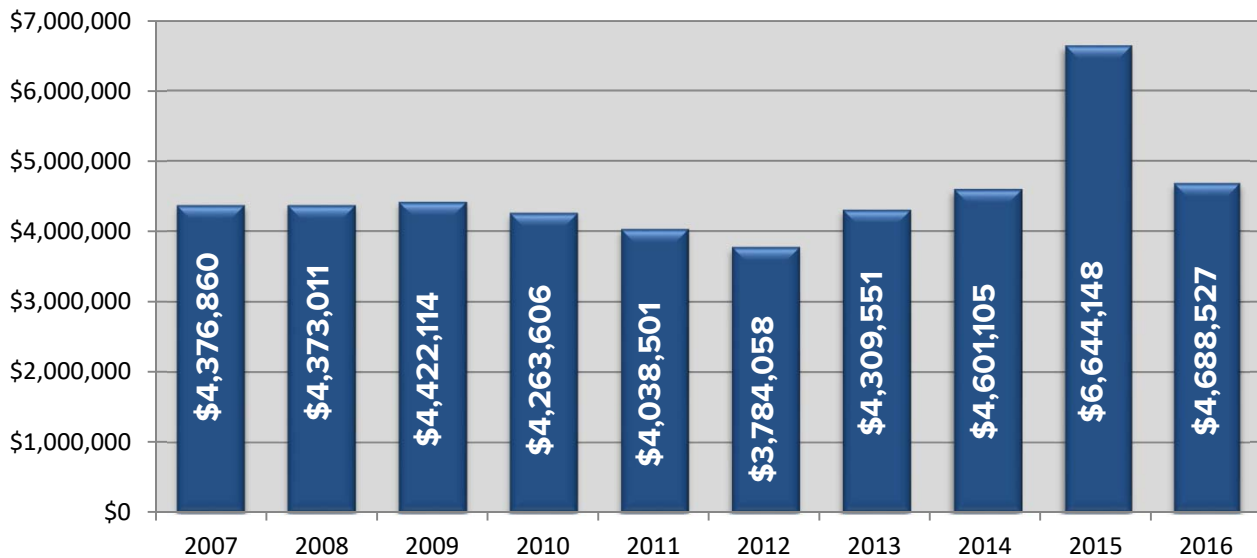
**SUMMARY OF BUDGET CHANGES**

- Significant Notes - 2017/18 Budget Compared to 2016/17 Budget**

An additional \$600 thousand contribution to the Volunteer Firefighters Incentive Plan for a total contribution of \$1,712,000.

Personnel Summary	2015 Budget		2016 Budget		2017 Budget		2018 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Fire Department	11	2.2	12	2.6	12	2.2	11	2.3
<b>Total Department</b>	<b>11</b>	<b>2.2</b>	<b>12</b>	<b>2.6</b>	<b>12</b>	<b>2.2</b>	<b>11</b>	<b>2.3</b>

- Operating Budget History**



Note: Fiscal 2015 included a one-time contribution to the Volunteer Firefighter Incentive Plan of \$2 million

**General Fund**

# Fire Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 101 GENERAL FUND</b>								
Expenditures								
<b>Department: 336 Fire Department</b>								
<b>Business Unit: 337 Fire Administration</b>								
101.336.00.337								
Personal Services	\$ 314,845	\$ 301,537	\$ 337,310	\$ 336,230	\$ 339,600	1.00%	\$ 347,090	\$ 354,790
Supplies	8,618	8,286	7,500	7,500	7,500	0.00%	7,500	7,500
Other Service Charges	36,586	39,662	47,080	47,750	46,880	-1.82%	47,600	48,340
<b>Business Unit Total: Fire Administration</b>	<b>360,049</b>	<b>349,484</b>	<b>391,890</b>	<b>391,480</b>	<b>393,980</b>	<b>0.64%</b>	<b>402,190</b>	<b>410,630</b>
<b>Business Unit: 338 Fire Operations</b>								
101.336.00.338								
Personal Services	337,147	302,968	290,100	431,890	536,360	24.19%	548,570	561,070
Supplies	278,564	285,941	292,000	292,000	325,800	11.58%	332,100	338,520
Other Service Charges	583,719	583,273	599,540	608,790	598,200	-1.74%	600,050	601,940
<b>Business Unit Total: Fire Operations</b>	<b>1,199,430</b>	<b>1,172,181</b>	<b>1,181,640</b>	<b>1,332,680</b>	<b>1,460,360</b>	<b>9.58%</b>	<b>1,480,720</b>	<b>1,501,530</b>



**General Fund**

# Fire Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 340 Fire Companies</b>								
101.336.00.340								
Personal Services	1,154	25,530	30,820	-	-	0.00%	-	-
Supplies	12,701	6,955	10,000	11,660	10,000	-14.24%	11,000	11,220
Other Service Charges	3,484,472	1,507,920	1,529,140	1,538,160	2,133,740	38.72%	1,537,790	1,541,890
<b>Business Unit Total: Fire Companies</b>	<b>3,498,326</b>	<b>1,540,404</b>	<b>1,569,960</b>	<b>1,549,820</b>	<b>2,143,740</b>	<b>38.32%</b>	<b>1,548,790</b>	<b>1,553,110</b>
<b>Business Unit: 341 Fire Prevention</b>								
101.336.00.341								
Personal Services	864,774	936,923	1,031,060	899,310	812,360	-9.67%	830,500	849,060
Supplies	12,631	8,446	12,000	14,000	12,120	-13.43%	12,240	12,370
Other Service Charges	95,795	119,514	111,850	112,460	98,820	-12.13%	100,700	102,610
<b>Business Unit Total: Fire Prevention</b>	<b>973,200</b>	<b>1,064,882</b>	<b>1,154,910</b>	<b>1,025,770</b>	<b>923,300</b>	<b>-9.99%</b>	<b>943,440</b>	<b>964,040</b>
<b>Business Unit: 343 Fire Communications</b>								
101.336.00.343								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	2,640	2,512	4,000	4,100	4,140	0.98%	4,180	4,230
Other Service Charges	220,784	226,945	228,310	215,510	218,210	1.25%	224,060	230,060
<b>Business Unit Total: Fire Communications</b>	<b>223,424</b>	<b>229,457</b>	<b>232,310</b>	<b>219,610</b>	<b>222,350</b>	<b>1.25%</b>	<b>228,240</b>	<b>234,290</b>

**General Fund**

# Fire Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 344 Fire Halls</b>								
101.336.00.344								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	64,989	59,699	58,500	70,500	38,370	-45.57%	25,450	26,042
Other Service Charges	324,731	272,418	331,640	387,370	338,150	-12.71%	342,450	347,176
<b>Business Unit Total: Fire Halls</b>	<b>389,719</b>	<b>332,117</b>	<b>390,140</b>	<b>457,870</b>	<b>376,520</b>	<b>-17.77%</b>	<b>367,900</b>	<b>373,218</b>
<b>Department Total: Fire Department</b>	<b>\$ 6,644,148</b>	<b>\$ 4,688,527</b>	<b>\$ 4,920,850</b>	<b>\$ 4,977,230</b>	<b>\$ 5,520,250</b>	<b>10.91%</b>	<b>\$ 4,971,280</b>	<b>\$ 5,036,818</b>

# BUILDING INSPECTION

SAFEbuilt Building Official | Paul N. Featherston

Building Official/Code Inspector | Mitchell Grusnick

SAFEbuilt Inc. performs duties dedicated to protecting the health, safety and welfare of the Troy community. The Building Inspection Department enforces nearly 30 different chapters of the Troy City Code including building codes, property maintenance, signs, litter, zoning, nuisance and others.

## DEPARTMENT FUNCTION

### Administration

- » Prepares and administers department budget
- » Develops departmental policies and procedures that allow for delivery of professional services
- » Prepares agenda items for City Council
- » Ensures that inspectors complete required continuing education classes to maintain State registration
- » Provides education to the public on the activities of the department
- » Oversees and provides administrative support to City building projects

### Clerical

- » Processes and issues permits
- » Collects fees for permits and conducts daily accounting of fees
- » Maintains and updates permit and inspection records
- » Prepares and processes written communications from the department
- » Prepares monthly and annual reports
- » Assists the public in locating record on existing buildings
- » Recommends strategic planning initiatives
- » Facilitates Council-community relationships completion of assure compliance with all codes and ordinances

### Clerical (cont.)

- » Provides information and assistance to citizens
- » Coordinates inspections with Fire, Engineering, Water and other involved departments
- » Assists homeowners with the builder complaint process through the State of Michigan

### Plan Review

- » Reviews plans for complained with the city, state and federal codes, ordinances and laws and prepares for issuance of permits
- » Provides information regarding codes, ordinances, processes and requirements to designers, builders and the general public
- » Provides technical support and attends meetings of the Building Code Board of Appeals and the Advisory Committee for Persons with Disabilities
- » Coordinates and compiles information from other departments involved in the plan review process

**PERFORMANCE INDICATORS**

<b>Performance Indicators</b>	<b>2014/15 Actual</b>	<b>2015/16 Actual</b>	<b>2016/17 Projected</b>	<b>2017/18 Budget</b>
Permits issued	9,433	10,000	10000	10000
Plans Reviewed	3,051	3,200	3200	3200
Total Value of Construction	\$98,903,615	\$115,000,000	\$120,000,000	\$130,000,000
Number of Inspections	17,785	18,000	18000	19000

**Notes on Performance Indicators**

- There is a trend of increasing permit and inspection activity

**Building Inspection**

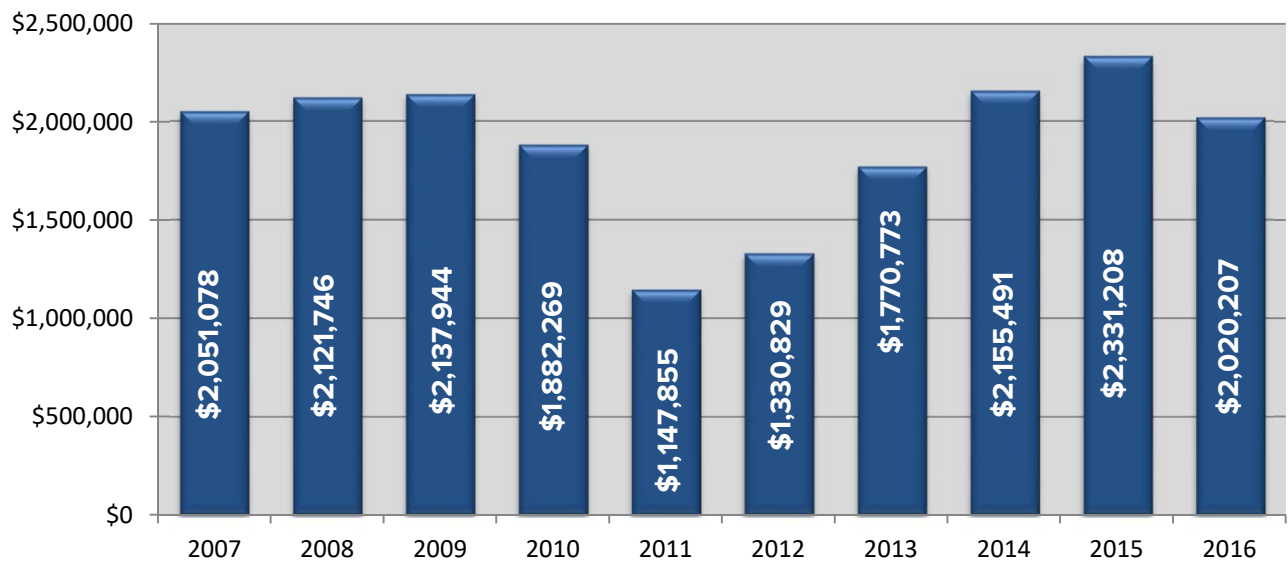
**SUMMARY OF BUDGET CHANGES**

- *Significant Notes - 2017/18 Budget Compared to 2016/17 Budget*

Personnel Summary	2015 Budget		2016 Budget		2017 Budget		2018 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Building Inspection	*0.35	0	0.35	0	0.35	0	0.35	0
<b>Total Department</b>	<b>*0.35</b>	<b>0</b>	<b>0.35</b>	<b>0</b>	<b>0.35</b>	<b>0</b>	<b>0.35</b>	<b>0</b>

\* Certified Building Official hours, service outsourced to Safe Built.

- *Operating Budget History*



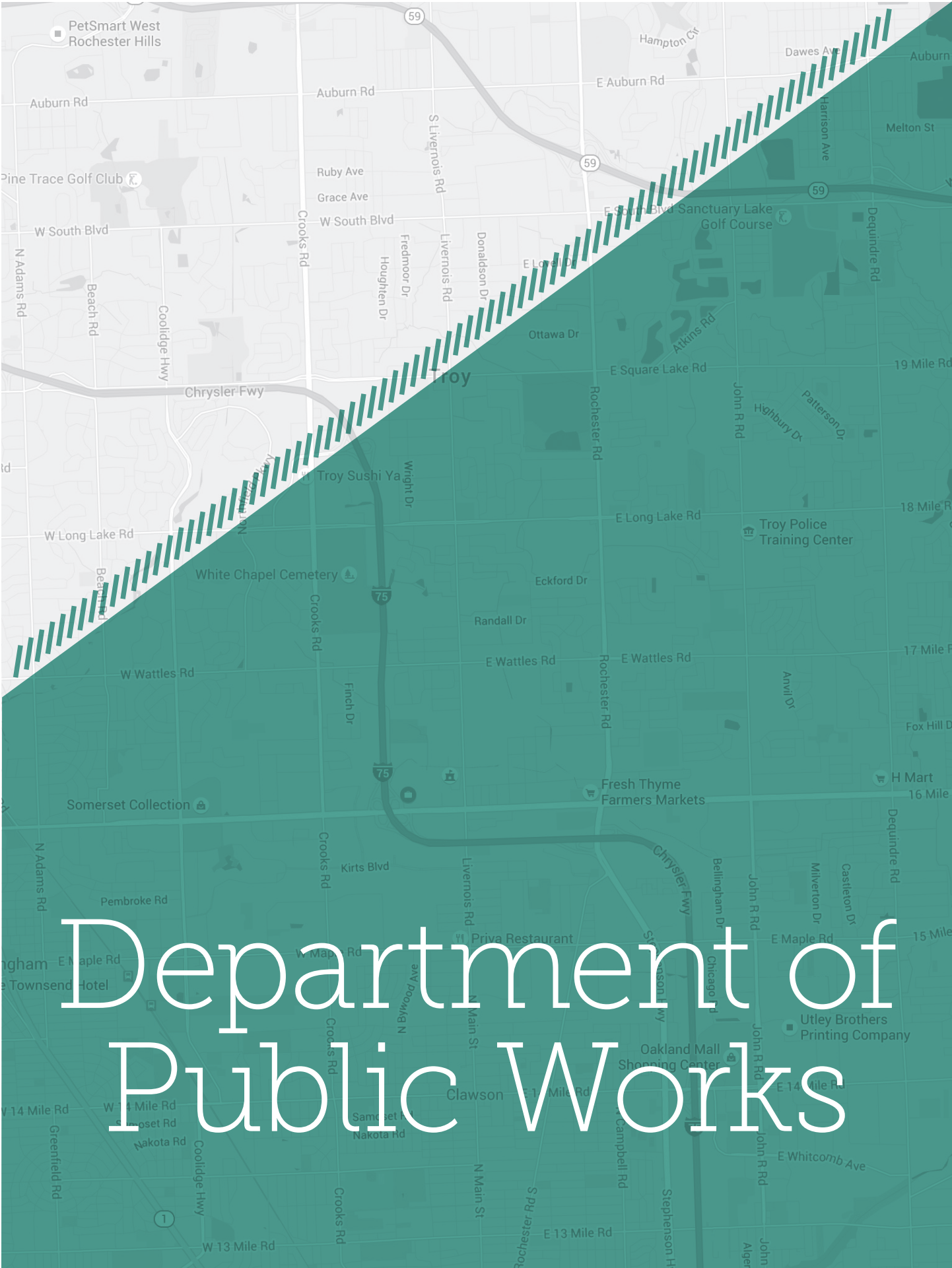
**General Fund**

# Building Inspections

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 101 GENERAL FUND</b>								
Expenditures								
<b>Department: 371 Building Inspections</b>								
<b>Business Unit: 371 Building Inspections</b>								
101.3/1.00.3/1								
Personal Services	\$ 50,860	\$ 51,793	\$ 53,210	\$ 53,850	\$ 54,900	1.95%	\$ 56,100	\$ 57,340
Supplies	12,294	9,100	8,620	2,000	6,000	200.00%	6,200	6,400
Other Service Charges	2,268,053	1,959,314	2,164,940	2,180,040	2,228,730	2.23%	2,280,460	2,331,970
<b>Business Unit Total: Building Inspections</b>	<b>2,331,208</b>	<b>2,020,207</b>	<b>2,226,770</b>	<b>2,235,890</b>	<b>2,289,630</b>	<b>2.40%</b>	<b>2,342,760</b>	<b>2,395,710</b>
<b>Department Total: Building Inspections</b>	<b>\$ 2,331,208</b>	<b>\$ 2,020,207</b>	<b>\$ 2,226,770</b>	<b>\$ 2,235,890</b>	<b>\$ 2,289,630</b>	<b>2.40%</b>	<b>\$ 2,342,760</b>	<b>\$ 2,395,710</b>



WE BELIEVE IN DOING  
GOVERNMENT THE BEST



# Department of Public Works



# PUBLIC WORKS

Public Works Director | Kurt Bovensiep

Streets and Drains Operations Manager | Mike Pihaylic

The mission of the Public Works Department is to ensure a safe environment for Troy residents and guests through maintenance of the local, major, and county road network, sidewalks, and the storm water drainage system of the City of Troy.

## DEPARTMENT FUNCTION

### Administrative and Support Services

- » Prepares and administers the department budget
- » Coordinates and evaluates staff activities
- » Coordinates staff development and training
- » Procures materials, equipment and supplies
- » Serves as liaison with other City departments and government units
- » Recommends and formulates policies and programs
- » Maintains inventory
- » Prepares material and service specifications and invitations to bid
- » Analyze bid documents and prepares recommendations for City Council
- » Supervises contractors to ensure that bid specifications are being followed
- » Evaluates contractors for use on future bids
- » Maintains and updates the computerized inventory system

### Streets and Drains

- » Provides maintenance, repair and replacement to a network of 268.15 miles of Local Roads, 57.34 miles of Major/Industrial Roads, and 67.18 miles of County roads
- » Provides maintenance and oversight to over 1,000 street lights
- » Maintains traffic control signs through Major, Local, and select County roads Maintains a program that monitors and replaces hazardous sidewalks in the 514 miles of city sidewalks
- » Investigates residential storm water issues
- » Works to maintain a highly efficient storm water drainage system as regulate by the Oakland County Storm Water Permit and MDEQ
- » Assists other departments or agencies in securing a safe environment during emergencies

## Public Works

**PERFORMANCE INDICATORS**

<b>Performance Indicator</b>	<b>2014/15 Actual</b>	<b>2015/16 Actual</b>	<b>2016/17 Projected</b>	<b>2017/18 Budget</b>
Sidewalks-New Installation	\$26,864	\$50,000	\$50,000	\$10,000
Concrete Pavement Repair	\$12,923,674	\$11,200,000	\$5,000,000	\$5,200,000
Crack and Joint Sealing	\$160,000	\$140,000	\$150,000	\$150,000
Street Light Maintenance	\$597,523	\$550,000	\$635,000	\$537,000
<b>Streets and Drains</b>				
<b>Performance Indicator</b>	<b>2014/15 Actual</b>	<b>2015/16 Actual</b>	<b>2016/17 Projected</b>	<b>2017/18 Budget</b>
Snow Removal and Plowing Occurrences	4	1	6	6
Snow and Ice Control and Salting Occurrences	32	29	35	35
Salt Usages in Tons	9,530	7,500	10,500	9,500
Chloride Sand Usage in Tons	35	33	35	35
Asphalt Placed (Hot)	353	400	450	700
Asphalt Placed (Cold)	152	104	150	150
Concrete Redi-Mix Placed	626	650	650	500
Traffic Sign Repairs or Replacements	181	250	250	250
Street Sweeping Local Roads (4 times per year)	25%	25%	25%	50%
Requests for Service	1,754	1,800	1,800	1,850

**Notes on Performance Indicators**

- Street Sweeping should increase because an additional sweeper is scheduled to be purchased in the 2017/18 budget year.

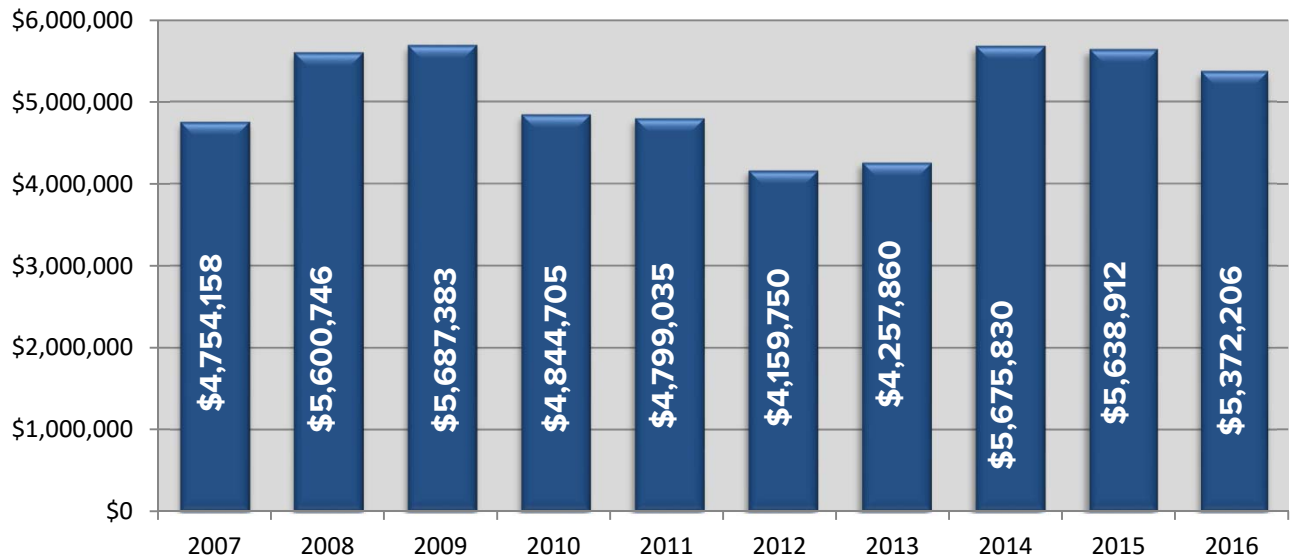
**Public Works**

**SUMMARY OF BUDGET CHANGES**

- *Significant Notes - 2017/18 Budget Compared to 2016/17 Budget*  
Addition of Shuttle/Trolley Services Department

Personnel Summary	2015 Budget		2016 Budget		2017 Budget		2018 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Streets and Drains	22.29	4.8	23.89	4.2	22.42	4.6	22.72	5.1
<b>Total Department</b>	<b>22.29</b>	<b>4.8</b>	<b>23.89</b>	<b>4.2</b>	<b>22.42</b>	<b>4.6</b>	<b>22.72</b>	<b>5.1</b>

- *Operating Budget History*



**General Fund  
Public Works**

# Streets Department

158

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 101 GENERAL FUND</b>								
Expenditures								
Department: 447 Streets Department								
Division: 20 - Local Streets								
Business Unit: 481 Local Surface Maint-Gravel 101.447.20.481								
Personal Services	\$ 37,761	\$ 36,859	\$ 48,050	\$ 65,760	\$ 72,870	10.81%	\$ 75,160	\$ 76,860
Supplies	11,062	16,618	16,500	11,500	9,500	-17.39%	9,800	10,100
Other Service Charges	25,028	26,092	24,000	18,400	25,000	35.87%	26,000	27,000
<b>Business Unit Total: Local Surface Maint-Gravel</b>	<b>73,852</b>	<b>79,568</b>	<b>88,550</b>	<b>95,660</b>	<b>107,370</b>	<b>12.24%</b>	<b>110,960</b>	<b>113,960</b>
Business Unit: 482 Local Surface Maintenance 101.447.20.482								
Personal Services	313,138	289,176	314,320	290,090	315,610	8.80%	324,650	331,850
Supplies	79,571	58,490	114,890	96,500	105,000	8.81%	108,200	111,500
Other Service Charges	84,107	79,120	95,000	148,300	228,300	53.94%	234,200	240,200
<b>Business Unit Total: Local Surface Maintenance</b>	<b>476,816</b>	<b>426,786</b>	<b>524,210</b>	<b>534,890</b>	<b>648,910</b>	<b>21.32%</b>	<b>667,050</b>	<b>683,550</b>

**General Fund  
Public Works**

# Streets Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 483 Local Surface Maint-Concrete</b> 101.447.20.483								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	-	-	-	-	-	0.00%	-	-
<b>Business Unit Total: Local Surface Maint-Concrete</b>	-	-	-	-	-	<b>0.00%</b>	-	-
<b>Business Unit: 485 Local Guard Rails &amp; Posts</b> 101.447.20.485								
Personal Services	2,394	2,721	2,250	6,240	9,610	54.01%	17,300	17,650
Supplies	-	874	-	2,500	2,500	0.00%	2,600	2,700
Other Service Charges	620	937	1,000	1,570	1,570	0.00%	1,600	1,650
<b>Business Unit Total: Local Guard Rails &amp; Posts</b>	<b>3,015</b>	<b>4,532</b>	<b>3,250</b>	<b>10,310</b>	<b>13,680</b>	<b>32.69%</b>	<b>21,500</b>	<b>22,000</b>

**General Fund  
Public Works**

# Streets Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 486 Local Sweeping</b> 101.447.20.486								
Personal Services	23,492	27,572	30,440	57,350	74,360	29.66%	76,050	77,800
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	41,580	35,934	45,000	50,000	100,000	100.00%	103,000	106,100
<b>Business Unit Total: Local Sweeping</b>	<b>65,072</b>	<b>63,505</b>	<b>75,440</b>	<b>107,350</b>	<b>174,360</b>	<b>62.42%</b>	<b>179,050</b>	<b>183,900</b>
<b>Business Unit: 489 Local Drain Structures</b> 101.447.20.489								
Personal Services	200,665	244,646	306,120	194,650	226,560	16.39%	231,660	236,880
Supplies	15,005	26,817	61,500	27,000	62,000	129.63%	63,860	65,800
Other Service Charges	119,264	151,233	165,000	168,000	168,000	0.00%	173,040	178,500
<b>Business Unit Total: Local Drain Structures</b>	<b>334,934</b>	<b>422,696</b>	<b>532,620</b>	<b>389,650</b>	<b>456,560</b>	<b>17.17%</b>	<b>468,560</b>	<b>481,180</b>
<b>Business Unit: 490 Local Roadside Cleanup</b> 101.447.20.490								
Personal Services	2,766	3,890	4,440	2,770	3,570	28.88%	3,650	3,730
Supplies	-	-	50	150	150	0.00%	150	160
Other Service Charges	728	510	2,000	1,150	2,000	73.91%	2,060	2,100
<b>Business Unit Total: Local Roadside Cleanup</b>	<b>3,494</b>	<b>4,400</b>	<b>6,490</b>	<b>4,070</b>	<b>5,720</b>	<b>40.54%</b>	<b>5,860</b>	<b>5,990</b>

**General Fund  
Public Works**

# Streets Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 491 Local Grass &amp; Weed Control</b> 101.447.20.491								
Personal Services	2,625	4,241	6,250	-	-	0.00%	-	-
Supplies	102	21	-	150	-	-100.00%	-	-
Other Service Charges	368	467	800	800	800	0.00%	850	900
<b>Business Unit Total: Local Grass &amp; Weed Control</b>	<b>3,095</b>	<b>4,729</b>	<b>7,050</b>	<b>950</b>	<b>800</b>	<b>-15.79%</b>	<b>850</b>	<b>900</b>
<b>Business Unit: 492 Local Dust Control</b> 101.447.20.492								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	-	-	-	-	-	0.00%	-	-
<b>Business Unit Total: Dust Control</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>
<b>Business Unit: 495 Local Signs</b> 101.447.20.495								
Personal Services	50,641	37,584	44,460	93,660	98,210	4.86%	100,440	102,730
Supplies	23,042	23,105	20,000	30,000	30,000	0.00%	30,900	31,900
Other Service Charges	21,316	13,396	15,000	29,900	29,900	0.00%	30,800	31,700
<b>Business Unit Total: Local Signs</b>	<b>95,000</b>	<b>74,085</b>	<b>79,460</b>	<b>153,560</b>	<b>158,110</b>	<b>2.96%</b>	<b>162,140</b>	<b>166,330</b>

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# Streets Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 497 Local Markings</b> 101.447.20.497								
Personal Services	10,460	3,674	1,750	5,110	5,330	4.31%	5,440	5,580
Supplies	11,599	8,489	15,000	20,000	15,000	-25.00%	15,450	15,900
Other Service Charges	1,237	290	1,000	2,000	2,000	0.00%	2,100	2,200
<b>Business Unit Total: Local Markings</b>	<b>23,296</b>	<b>12,453</b>	<b>17,750</b>	<b>27,110</b>	<b>22,330</b>	<b>-17.63%</b>	<b>22,990</b>	<b>23,680</b>
<b>Business Unit: 498 Local Snow &amp; Ice Control</b> 101.447.20.498								
Personal Services	141,018	142,327	212,340	251,760	269,670	7.11%	276,370	282,560
Supplies	137,294	96,089	89,000	140,000	120,000	-14.29%	123,600	127,300
Other Service Charges	205,494	80,251	280,000	362,500	362,500	0.00%	365,900	369,400
<b>Business Unit Total: Local Snow &amp; Ice Control</b>	<b>483,806</b>	<b>318,668</b>	<b>581,340</b>	<b>754,260</b>	<b>752,170</b>	<b>-0.28%</b>	<b>765,870</b>	<b>779,260</b>
<b>Business Unit: 499 Local Street Administration</b> 101.447.20.499								
Personal Services	34,139	51,745	35,930	62,340	144,270	131.42%	147,500	150,810
Supplies	8,668	10,081	9,250	9,300	11,300	21.51%	11,670	11,900
Other Service Charges	97,388	87,951	93,260	132,390	82,130	-37.96%	81,860	82,940
<b>Business Unit Total: Local Street Administration</b>	<b>140,195</b>	<b>149,777</b>	<b>138,440</b>	<b>204,030</b>	<b>237,700</b>	<b>16.50%</b>	<b>241,030</b>	<b>245,650</b>



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	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Division Total: Local Streets</b>	<b>1,702,573</b>	<b>1,561,199</b>	<b>2,054,600</b>	<b>2,281,840</b>	<b>2,577,710</b>	<b>12.97%</b>	<b>2,645,860</b>	<b>2,706,400</b>
<b>Division: 21 - County Roads</b>								
<b>Business Unit: 500 County Surface Maintenance</b>								
101.447.21.500								
Personal Services	8,675	2,997	15,170	2,290	2,390	4.37%	2,440	2,480
Supplies	210	-	50	-	-	0.00%	-	-
Other Service Charges	2,823	1,178	500	1,000	1,000	0.00%	1,000	1,000
<b>Business Unit Total: County Surface Maintenance</b>	<b>11,709</b>	<b>4,175</b>	<b>15,720</b>	<b>3,290</b>	<b>3,390</b>	<b>3.04%</b>	<b>3,440</b>	<b>3,480</b>
<b>Business Unit: 501 County Drain Structures</b>								
101.447.21.501								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	-	-	-	-	-	0.00%	-	-
<b>Business Unit Total: County Drain Structures</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>

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	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 502 County Snow &amp; Ice Control</b> 101.447.21.502								
Personal Services	117,414	110,149	218,740	189,520	204,720	8.02%	209,310	214,020
Supplies	254,697	263,340	126,000	216,000	180,000	-16.67%	185,400	191,000
Other Service Charges	102,252	77,686	80,000	98,000	98,000	0.00%	100,940	104,000
<b>Business Unit Total: County Snow &amp; Ice Control</b>	<b>474,363</b>	<b>451,176</b>	<b>424,740</b>	<b>503,520</b>	<b>482,720</b>	<b>-4.13%</b>	<b>495,650</b>	<b>509,020</b>
<b>Business Unit: 503 County Road Administration</b> 101.447.21.503								
Personal Services	3,341	3,392	4,100	4,530	4,550	0.44%	4,650	4,770
Supplies	143	293	25,300	25,100	300	-98.80%	300	300
Other Service Charges	6,586	6,323	6,000	6,000	19,340	222.33%	18,880	19,070
<b>Business Unit Total: County Road Administration</b>	<b>10,069</b>	<b>10,008</b>	<b>35,400</b>	<b>35,630</b>	<b>24,190</b>	<b>-32.11%</b>	<b>23,830</b>	<b>24,140</b>

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# Streets Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 504 County Signs</b>								
101.447.21.504								
Personal Services	953	787	3,220	14,250	14,580	2.32%	14,920	15,260
Supplies	210	25,266	25,000	5,000	25,000	400.00%	5,000	5,100
Other Service Charges	-	-	2,500	5,120	5,120	0.00%	5,300	5,400
<b>Business Unit Total:</b>								
<b>County Signs</b>	<b>1,163</b>	<b>26,053</b>	<b>30,720</b>	<b>24,370</b>	<b>44,700</b>	<b>83.42%</b>	<b>25,220</b>	<b>25,760</b>
<b>Business Unit: 507 County Sweeping</b>								
101.447.21.507								
Personal Services	2,783	1,325	3,450	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	2,368	1,778	1,000	1,000	1,000	0.00%	1,100	1,150
<b>Business Unit Total:</b>								
<b>County Sweeping</b>	<b>5,151</b>	<b>3,103</b>	<b>4,450</b>	<b>1,000</b>	<b>1,000</b>	<b>0.00%</b>	<b>1,100</b>	<b>1,150</b>
<b>Division Total: County Roads</b>	<b>502,455</b>	<b>494,515</b>	<b>511,030</b>	<b>567,810</b>	<b>556,000</b>	<b>-2.08%</b>	<b>549,240</b>	<b>563,550</b>

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	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Division 22 - Major Streets</b>								
<b>Business Unit: 464 Major Surface Maintenance</b> 101.447.22.464								
Personal Services	335,076	293,692	216,720	406,690	454,410	11.73%	474,030	484,510
Supplies	53,338	49,714	27,000	63,500	72,500	14.17%	65,400	67,300
Other Service Charges	101,035	101,142	60,000	101,400	146,400	44.38%	150,800	157,600
<b>Business Unit Total: Major Surface Maintenance</b>	<b>489,448</b>	<b>444,548</b>	<b>303,720</b>	<b>571,590</b>	<b>673,310</b>	<b>17.80%</b>	<b>690,230</b>	<b>709,410</b>
<b>Business Unit: 465 Major Guard Rail &amp; Posts</b> 101.447.22.465								
Personal Services	3,810	4,339	1,630	1,710	2,630	53.80%	4,710	4,810
Supplies	-	18	-	10,000	-	-100.00%	-	-
Other Service Charges	919	1,190	500	1,500	500	-66.67%	500	500
<b>Business Unit Total: Major Guard Rails &amp; Posts</b>	<b>4,729</b>	<b>5,548</b>	<b>2,130</b>	<b>13,210</b>	<b>3,130</b>	<b>-76.31%</b>	<b>5,210</b>	<b>5,310</b>

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# Streets Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 466 Major Sweeping</b> 101.447.22.466								
Personal Services	29,480	25,523	28,550	46,170	51,300	11.11%	52,440	53,640
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	51,956	37,363	40,000	60,040	120,000	99.87%	123,600	127,300
<b>Business Unit Total: Major Sweeping</b>	<b>81,436</b>	<b>62,885</b>	<b>68,550</b>	<b>106,210</b>	<b>171,300</b>	<b>61.28%</b>	<b>176,040</b>	<b>180,940</b>
<b>Business Unit: 469 Major Drain Structures</b> 101.447.22.469								
Personal Services	82,812	99,778	54,550	138,700	140,490	1.29%	143,650	146,880
Supplies	6,476	13,974	3,800	7,000	6,000	-14.29%	6,300	6,600
Other Service Charges	36,227	46,116	31,000	70,000	48,000	-31.43%	49,450	50,900
<b>Business Unit Total: Major Drain Structures</b>	<b>125,515</b>	<b>159,869</b>	<b>89,350</b>	<b>215,700</b>	<b>194,490</b>	<b>-9.83%</b>	<b>199,400</b>	<b>204,380</b>
<b>Business Unit: 470 Major Roadside Cleanup</b> 101.447.22.470								
Personal Services	19,969	25,934	16,110	31,330	37,760	20.52%	39,290	40,180
Supplies	-	87	500	1,000	500	-50.00%	500	500
Other Service Charges	4,470	8,008	4,000	5,000	5,000	0.00%	5,250	5,500
<b>Business Unit Total: Major Roadside Cleanup</b>	<b>24,439</b>	<b>34,028</b>	<b>20,610</b>	<b>37,330</b>	<b>43,260</b>	<b>15.89%</b>	<b>45,040</b>	<b>46,180</b>

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## Streets Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 471 Major Grass &amp; Weed Control</b> 101.447.22.471								
Personal Services	4,241	2,435	4,350	5,120	7,870	53.71%	14,150	14,440
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	648	266	1,000	1,000	1,000	0.00%	1,000	1,000
<b>Business Unit Total: Major Grass &amp; Weed Control</b>	<b>4,889</b>	<b>2,701</b>	<b>5,350</b>	<b>6,120</b>	<b>8,870</b>	<b>44.93%</b>	<b>15,150</b>	<b>15,440</b>
<b>Business Unit: 475 Major Signs</b> 101.447.22.475								
Personal Services	117,521	141,206	170,880	94,560	98,040	3.68%	100,250	102,530
Supplies	29,684	22,888	50,000	55,000	25,000	-54.55%	25,750	26,500
Other Service Charges	24,288	29,269	52,000	25,480	60,000	135.48%	61,800	63,600
<b>Business Unit Total: Major Signs</b>	<b>171,493</b>	<b>193,363</b>	<b>272,880</b>	<b>175,040</b>	<b>183,040</b>	<b>4.57%</b>	<b>187,800</b>	<b>192,630</b>

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# Streets Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 477 Major Markings</b>								
101.447.22.477								
Personal Services	15,060	5,959	14,180	14,190	14,560	2.61%	14,900	15,220
Supplies	8,662	1,995	5,000	10,000	10,000	0.00%	10,300	10,600
Other Service Charges	47,231	89,393	81,500	82,000	82,000	0.00%	84,400	86,900
<b>Business Unit Total: Major Markings</b>	<b>70,952</b>	<b>97,347</b>	<b>100,680</b>	<b>106,190</b>	<b>106,560</b>	<b>0.35%</b>	<b>109,600</b>	<b>112,720</b>
<b>Business Unit: 478 Major Snow &amp; Ice Control</b>								
101.447.22.478								
Personal Services	247,197	203,178	243,030	289,180	304,460	5.28%	313,310	320,350
Supplies	186,467	233,051	85,000	170,000	140,000	-17.65%	144,200	148,500
Other Service Charges	112,450	82,787	90,000	102,000	102,000	0.00%	105,060	108,200
<b>Business Unit Total: Major Snow &amp; Ice Control</b>	<b>546,114</b>	<b>519,015</b>	<b>418,030</b>	<b>561,180</b>	<b>546,460</b>	<b>-2.62%</b>	<b>562,570</b>	<b>577,050</b>

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# Streets Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 479 Major Street Administration</b> 101.447.22.479								
Personal Services	370,625	256,817	433,840	234,130	170,280	-27.27%	174,040	177,870
Supplies	7,095	5,019	8,750	7,500	9,000	20.00%	9,250	9,600
Other Service Charges	296,420	366,810	342,760	323,040	325,480	0.76%	331,270	340,460
<b>Business Unit Total: Major Street Administration</b>	<b>674,140</b>	<b>628,645</b>	<b>785,350</b>	<b>564,670</b>	<b>504,760</b>	<b>-10.61%</b>	<b>514,560</b>	<b>527,930</b>
<b>Division Total: Major Streets</b>	<b>2,193,155</b>	<b>2,147,949</b>	<b>2,066,650</b>	<b>2,357,240</b>	<b>2,435,180</b>	<b>3.31%</b>	<b>2,505,600</b>	<b>2,571,990</b>
<b>Division 23 - Drains</b>								
<b>Business Unit: 514 Retention Ponds</b> 101.447.23.514								
Personal Services	65,388	97,300	97,830	86,810	106,560	22.75%	145,570	148,630
Supplies	7,333	4,584	20,000	25,030	25,030	0.00%	25,800	27,400
Other Service Charges	78,589	84,473	172,000	157,300	165,410	5.16%	166,560	167,610
<b>Business Unit Total: Retention Ponds</b>	<b>151,309</b>	<b>186,356</b>	<b>289,830</b>	<b>269,140</b>	<b>297,000</b>	<b>10.35%</b>	<b>337,930</b>	<b>343,640</b>

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	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 515 Open Drain Maintenance</b> 101.447.23.515								
Personal Services	50,663	87,690	68,720	68,300	65,190	-4.55%	66,650	68,170
Supplies	1,873	6,726	7,000	8,000	8,000	0.00%	8,200	8,400
Other Service Charges	44,446	52,271	50,000	53,800	55,000	2.23%	56,700	10,700
<b>Business Unit Total: Open Drain Maintenance</b>	<b>96,982</b>	<b>146,687</b>	<b>125,720</b>	<b>130,100</b>	<b>128,190</b>	<b>-1.47%</b>	<b>131,550</b>	<b>87,270</b>
<b>Business Unit: 516 Drain Administration</b> 101.447.23.516								
Personal Services	117,687	60,316	94,160	13,720	43,080	213.99%	44,130	45,180
Supplies	523	835	600	800	600	-25.00%	650	700
Other Service Charges	37,259	29,971	42,000	54,890	34,980	-36.27%	34,880	35,050
<b>Business Unit Total: Drain Administration</b>	<b>155,469</b>	<b>91,122</b>	<b>136,760</b>	<b>69,410</b>	<b>78,660</b>	<b>13.33%</b>	<b>79,660</b>	<b>80,930</b>
<b>Business Unit: 517 Storm Sewer &amp; Ryd</b> 101.447.23.517								
Personal Services	88,534	100,891	122,410	128,560	124,750	-2.96%	127,500	130,320
Supplies	7,849	4,909	15,000	15,000	10,000	-33.33%	10,300	10,600
Other Service Charges	18,614	27,608	30,000	35,000	30,000	-14.29%	31,000	32,000
<b>Business Unit Total: Storm Sewer &amp; Ryd</b>	<b>114,997</b>	<b>133,408</b>	<b>167,410</b>	<b>178,560</b>	<b>164,750</b>	<b>-7.73%</b>	<b>168,800</b>	<b>172,920</b>
<b>Division Total: Drains</b>	<b>518,757</b>	<b>557,573</b>	<b>719,720</b>	<b>647,210</b>	<b>668,600</b>	<b>3.30%</b>	<b>717,940</b>	<b>684,760</b>

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# Streets Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Division 24 - Sidewalks</b>								
<b>Business Unit: 444</b>								
<b>Sidewalk Administration</b>								
101.447.24.444								
Personal Services	9,826	33,887	26,240	37,270	32,080	-13.93%	32,760	33,480
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	2,951	2,563	3,740	3,220	3,180	-1.24%	3,140	3,170
<b>Business Unit Total:</b>								
<b>Sidewalk Administration</b>	<b>12,778</b>	<b>36,449</b>	<b>29,980</b>	<b>40,490</b>	<b>35,260</b>	<b>-12.92%</b>	<b>35,900</b>	<b>36,650</b>
<b>Business Unit: 511</b>								
<b>Sidewalk Maint.-Snow Removal</b>								
101.447.24.511								
Personal Services	3,231	553	3,900	4,200	4,290	2.14%	4,370	4,470
Supplies	382	-	-	790	-	-100.00%	-	-
Other Service Charges	12,577	-	25,000	41,000	41,000	0.00%	41,000	45,000
<b>Business Unit Total:</b>								
<b>Sidewalk Maint.-Snow Removal</b>	<b>16,189</b>	<b>553</b>	<b>28,900</b>	<b>45,990</b>	<b>45,290</b>	<b>-1.52%</b>	<b>45,370</b>	<b>49,470</b>

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## Streets Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 512</b>								
<b>Sidewalk Maint.-General</b>								
101.447.24.512								
Personal Services	99,695	75,788	131,920	82,180	85,630	4.20%	87,440	89,320
Supplies	10,842	8,686	10,000	20,000	10,000	-50.00%	10,300	10,600
Other Service Charges	22,394	14,525	28,000	50,000	40,000	-20.00%	41,200	42,400
<b>Business Unit Total:</b>								
<b>Sidewalk Maint.-General</b>	<b>132,931</b>	<b>98,999</b>	<b>169,920</b>	<b>152,180</b>	<b>135,630</b>	<b>-10.88%</b>	<b>138,940</b>	<b>142,320</b>
<b>Division Total: Sidewalks</b>	<b>161,898</b>	<b>136,002</b>	<b>228,800</b>	<b>238,660</b>	<b>216,180</b>	<b>-9.42%</b>	<b>220,210</b>	<b>228,440</b>
<b>Lighting</b>								
<b>Business Unit: 448 Street</b>								
<b>Lighting</b>								
101.447.25.448								
Personal Services	16,193	18,784	25,020	12,660	14,180	12.01%	14,480	14,790
Supplies	34,717	16,111	150,000	150,000	50,000	-66.67%	30,000	30,900
Other Service Charges	470,725	414,089	452,830	473,130	472,750	-0.08%	486,960	501,580
<b>Business Unit Total: Street</b>								
<b>Lighting</b>	<b>521,635</b>	<b>448,983</b>	<b>627,850</b>	<b>635,790</b>	<b>536,930</b>	<b>-15.55%</b>	<b>531,440</b>	<b>547,270</b>
<b>Lighting</b>	<b>521,635</b>	<b>448,983</b>	<b>627,850</b>	<b>635,790</b>	<b>536,930</b>	<b>-15.55%</b>	<b>531,440</b>	<b>547,270</b>

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## Streets Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Division 26 - Weeds/Snow &amp; Ice</b>								
<b>Business Unit: 519</b>								
<b>Weeds/Snow &amp; Ice</b>								
101.447.26.519								
Personal Services	18,622	4,309	3,400	4,560	-	-100.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	19,818	21,676	19,120	41,700	13,850	-66.79%	13,860	13,860
<b>Business Unit Total:</b>								
<b>Weeds/Snow &amp; Ice</b>	<b>38,439</b>	<b>25,985</b>	<b>22,520</b>	<b>46,260</b>	<b>13,850</b>	<b>-70.06%</b>	<b>13,860</b>	<b>13,860</b>
<b>Division Total:</b>								
<b>Weeds/Snow &amp; Ice</b>	<b>38,439</b>	<b>25,985</b>	<b>22,520</b>	<b>46,260</b>	<b>13,850</b>	<b>-70.06%</b>	<b>13,860</b>	<b>13,860</b>
<b>Department Total: Streets Department</b>	<b>\$ 5,638,912</b>	<b>\$ 5,372,206</b>	<b>\$ 6,231,170</b>	<b>\$ 6,774,810</b>	<b>\$ 7,004,450</b>	<b>3.39%</b>	<b>\$ 7,184,150</b>	<b>\$ 7,316,270</b>

**General Fund  
Public Works**

## Transportation/Trolley

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 101 GENERAL FUND</b>								
Expenditures								
<b>Department: 596</b>								
<b>Transportation</b>								
<b>Business Unit: 596</b>								
<b>Trolley/Shuttle</b>								
101.596.00.596								
Personal Services	\$ -	\$ -	\$ 74,710	\$ 78,970	\$ 133,770	69.39%	\$ 136,450	\$ 139,170
Supplies	-	-	5,000	1,050	3,000	185.71%	3,000	3,000
Other Service Charges	-	-	31,480	32,480	32,480	0.00%	32,480	32,480
<b>Business Unit Total:</b>								
<b>Transportation/Trolley</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 111,190</b>	<b>\$ 112,500</b>	<b>\$ 169,250</b>	<b>50.44%</b>	<b>\$ 171,930</b>	<b>\$ 174,650</b>



# Community & Economic Development

# ENGINEERING

City Engineer | Steven J. Vandette, P.E.

Deputy City Engineer/Traffic Engineer | William J. Huotari P.E.

The mission of the Engineering Department is to design and construct high quality, cost effective public improvements using sound engineering principles and cutting edge design and construction technologies.

## DEPARTMENT FUNCTION

### Administration

- » Prepares and administers capital improvement program (CIP) budget for roads, sewers, water mains and drains
- » Member of Oakland County Federal Aid Comm. which prioritizes road funding
- » Develops master plans for capital improvements
- » Serves as liaison with federal, state and county agencies and other cities to implement road, water, sewer and drain projects, programs, and permits
- » Serves as liaison with utility companies for utility and telecommunications work within city right-of-way
- » Prepares and maintains design standards for public and private improvements
- » Prepares requests for proposals for consulting engineering services
- » Manages city staff and consultants assigned to perform technical studies, project design, construction project administration and inspection
- » Recommends and implements policies for all city real estate and right-of-way activities

### Engineering

- » Designs and prepares plans for public improvement (CIP) projects such as roads, storm drains, sanitary sewers, stream bank stabilization and water mains
- » Reviews site grading, drainage and soil erosion control plans for compliance with City of Troy, county and state requirements

### Engineering (cont.)

- » Maintains development standards, construction specifications and standard construction details
- » Provides utility and flood plain information
- » Maintains the pavement management system
- » Issues permits and performs inspections for water, sewer, roads, utility construction, soil erosion control and culvert installations
- » Prepares special assessment district projects for paving, sanitary sewers and sidewalks

### Surveying and Inspection

- » Conducts surveys for design and construction of public improvements
- » Maintains the city's global positioning and benchmark systems
- » Participates in maintenance of the city's geographic information system
- » Investigates drainage problems
- » Inspects public improvements for compliance with development standards, construction specifications and soil erosion control
- » Inspects city road, water main and sewer projects

# ENGINEERING (CONT.)

City Engineer | Steven J. Vandette, P.E.

Deputy City Engineer/Traffic Engineer | William J. Huotari P.E.

## DEPARTMENT FUNCTIONS CONTINUED

### Right-of-Way

- » Appraises and negotiates for acquisition or sale of city real estate and right-of-way
- » Sells, leases, and licenses land and public property
- » Facilitates the donation or acquisition of land and property for public use
- » Coordinates vacation or sale of city property
- » Assists in relocating businesses and residences acquired as part of city road projects
- » Provides real estate support services to the public, other city departments, utility companies and public agencies
- » Assists in the litigation process regarding public property
- » Maintains records for city-owned property, easement and other real estate documents at the County
- » Researches and assures clear title to city- owned property and rights
- » Performs real estate asset management activities
- » Skilled and trained in federal and state laws and regulations as they pertain to real estate acquisition and capital improvement projects

### Traffic Engineering

- » Conducts traffic volume counts and speed studies
- » Reviews plans for new developments for compliance with traffic standards
- » Responds to requests for new traffic signals and signs
- » Serves as liaison with Oakland County on traffic signal concerns
- » Investigates traffic vision obstructions
- » Provides staff support for Traffic Committee activities
- » Coordinates review of traffic studies
- » Processes sidewalk waiver requests

### Storm Water Drainage

- » Evaluates storm water drainage systems
- » Develops and implements projects to improve watersheds and storm water drainage systems
- » Monitors construction site runoff
- » Serves as liaison with other storm water agencies to effectively manage watersheds in accordance with regulations and mandates
- » Administers MS4 state storm water permit requirements Participates with the Alliance of Rouge Communities (ARC) and Clinton River Area of Concern on storm water permit activities, grant applications and grant projects
- » Serves as enforcing agency for Soil Erosion and Sediment Control (SESC) program



## Engineering

### PERFORMANCE INDICATORS

Performance Indicators	2014/15 Actual	2015/16 Actual	2016/17 Projected	2017/18 Budget
Site Plans Approved	40	56	50	55
Right-of-way Permits Issued	341	480	500	570
Value of Construction Contract Awarded and Supervised	\$19.0M	\$18.0M	\$7.0M	\$9.5M
Soil Erosion Control Inspections	1,090	1,215	1,200	1,175
Soil Erosion Control Permits	232	224	220	220
% Engineering Plans Reviewed within 8 Weeks	90%	90%	90%	97%
% Right -of-way Permits issued within 10 days	97%	98%	98%	99%
% Soil Erosion Control Permits Issued within 5 days	98%	98%	98%	98%
% Contract Completed within Contingency	100%	100%	100%	100%
% CIP Projects Budgeted and Awarded	92%	92%	92%	93%

### Notes on Performance Indicators

- "Value of Construction Contract Awarded and Supervised" is up due primarily to an increase in local road overlay projects.

**Engineering**

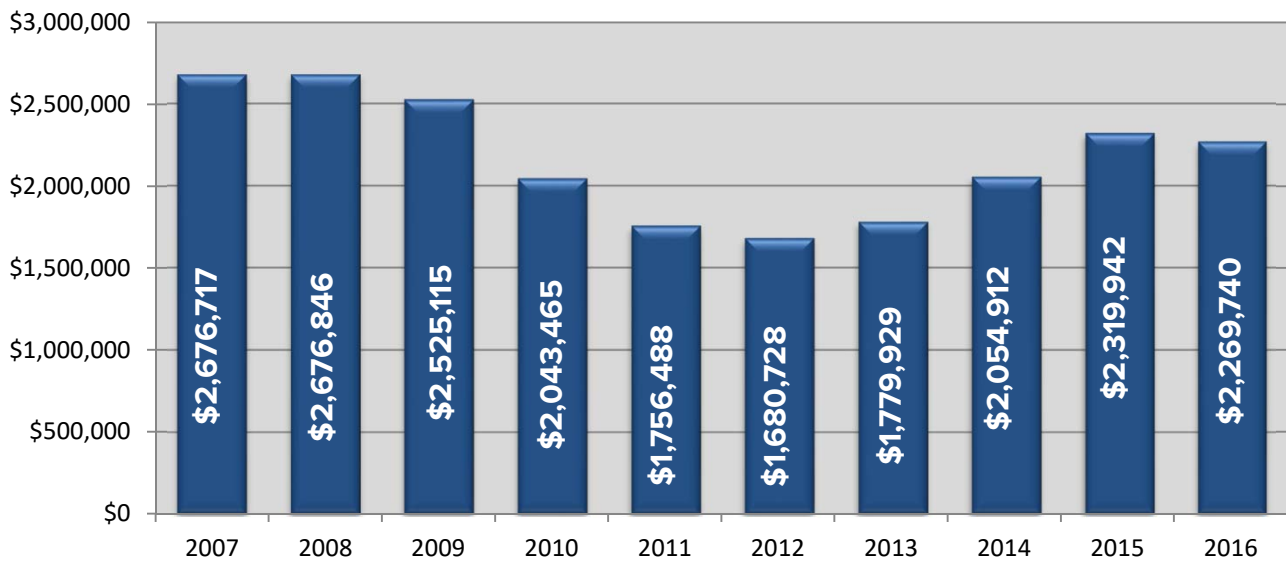
**SUMMARY OF BUDGET CHANGES**

• *Significant Notes - 2017/18 Budget Compared to 2016/17 Budget*

Other service charges increased due to additional contractual engineering services needed for street projects.

Personnel Summary	2015 Budget		2016 Budget		2017 Budget		2018 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Engineering	11.25	0	11.2	0	12.2	0	12.2	0
Traffic Engineering		0.3						
<b>Total Department</b>	<b>11.25</b>	<b>0.3</b>	<b>11.2</b>	<b>0</b>	<b>12.2</b>	<b>0</b>	<b>12.2</b>	<b>0</b>

• *Operating Budget History*



**General Fund  
Community Development**

# Engineering Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 101 GENERAL FUND</b>								
Expenditures								
<b>Department: 442</b>								
<b>Engineering</b>								
<b>Business Unit: 442</b>								
<b>Engineering</b>								
101.442.00.442								
Personal Services	\$ 1,585,716	\$ 1,559,125	\$ 1,788,000	\$ 1,769,740	\$ 1,828,490	3.32%	\$ 1,869,340	\$ 1,911,200
Supplies	14,391	15,353	15,000	17,000	15,500	-8.82%	16,200	16,401
Other Service Charges	711,045	694,965	772,740	631,790	776,780	22.95%	780,360	784,000
<b>Business Unit Total:</b>								
<b>Engineering</b>	<b>2,311,152</b>	<b>2,269,443</b>	<b>2,575,740</b>	<b>2,418,530</b>	<b>2,620,770</b>	<b>8.36%</b>	<b>2,665,900</b>	<b>2,711,601</b>
<b>Business Unit: 443 Traffic</b>								
<b>Engineering</b>								
101.442.00.443								
Personal Services	3,762	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	5,029	297	-	-	-	0.00%	-	-
<b>Business Unit Total: Traffic</b>								
<b>Engineering</b>	<b>8,790</b>	<b>297</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>
<b>Department Total:</b>								
<b>Engineering Department</b>	<b>\$ 2,319,942</b>	<b>\$ 2,269,740</b>	<b>\$ 2,575,740</b>	<b>\$ 2,418,530</b>	<b>\$ 2,620,770</b>	<b>8.36%</b>	<b>\$ 2,665,900</b>	<b>\$ 2,711,601</b>

# PLANNING

Planning Director | R. Brent Savidant

The Planning Department guides private and public development and redevelopment efforts.

Planning assists in creating a more socially, economically and environmentally sustainable community, as envisioned in the City of Troy Master Plan. The Planning Department provides expertise and information to elected officials, appointed boards and commissions, City Departments and citizens to assist in understanding and addressing key community issues and priorities. The Planning Department promotes and maintains a clean, healthy, and safe city through education, cooperation, and enforcement of our property maintenance, zoning, nuisance and rental inspection codes. The Planning Department assists the City Manager in creating an environment for investment in the City of Troy.

## DEPARTMENT FUNCTION

### Administration

- » Prepares agendas and provides technical support to the Planning Commission, Zoning Board of Appeals, Building Code Board of Appeals & Animal Control Appeals Board
- » Prepares and administers the department budget
- » Serves as City's representative and expert witness in litigation related to zoning, property maintenance, and blight.
- » Serves as liaison to the Downtown Development Authority (DDA)
- » Serves as liaison with developers to residential, commercial and industrial developments
- » Serves as liaison to the Census Bureau

### Planning, Zoning and Land Use

- » Provides information regarding the City's zoning ordinance and subdivision regulations
- » Provides information regarding planning, land use and zoning issues
- » Prepares and maintains zoning districts map
- » Maintains the City's Master Plan
- » Provides interpretations of the zoning ordinance
- » Inspects properties to ensure compliance with the Zoning Ordinance, Rental Inspection, Property Maintenance Code, and other City ordinances
- » Considers complaints related to zoning, land use, blight and nuisances
- » Reviews & issues sign, animal, temporary structure, use & special event permits

### Application and Review Process

- » Provides information regarding application procedures and requirements
- » Reviews site plan applications for compliance with City ordinances and regulations
- » Reviews special use requests for compliance with City ordinances and regulations
- » Reviews subdivision plat and site condominium applications for compliance with City ordinances and regulations
- » Reviews zoning map amendment (rezoning) applications and provides recommendations
- » Reviews rezoning applications for compliance with the master plan and provides recommendations
- » Reviews zoning ordinance text amendment applications and provides recommendations.
- » Reviews street vacation request for compliance with City ordinances and regulations
- » Provides design assistance to developers and City Staff
- » Reviews planned unit development applications for compliance with City ordinances, regulations and high quality urban design standards
- » Conducts site plan compliance inspections prior to issuance of certificates of occupancy
- » Upgrades the development approval process, focusing on technological improvements and digital submittals
- » Determines compliance with Zoning Ordinance

**PERFORMANCE INDICATORS**

<b>Performance Indicators</b>	<b>2014/15 Actual</b>	<b>2015/16 Actual</b>	<b>2016/17 Projected</b>	<b>2017/18 Budget</b>
Site Plan Reviews	6	12	12	24
Special Use Requests	0	2	4	6
Site Condominium Reviews	4	6	6	6
Rezoning requests	1	1	1	1
Conditional Rezoning Requests	1	5	6	6
Zoning Ordinance Text	3	2	2	2
Planned Unit Developments	2	1	2	2
Sign Permit Applications reviewed	350	340	340	340
Code Enforcements	3,980	4,500	4,500	4,500
Citizen Volunteer Enforcements (temporary sign removal)	1,020	1,000	1,000	1,000
Zoning Board of Appeals cases	16	16	16	16
Animal Licenses	4	4	4	4
Code Enforcement Inspections	8,698	9,500	9,500	9,500
Temporary Structure, Use, & Outdoor Special Events Permits	22	25	25	25

**Notes on Performance Indicators**

None

**Planning**

**SUMMARY OF BUDGET CHANGES**

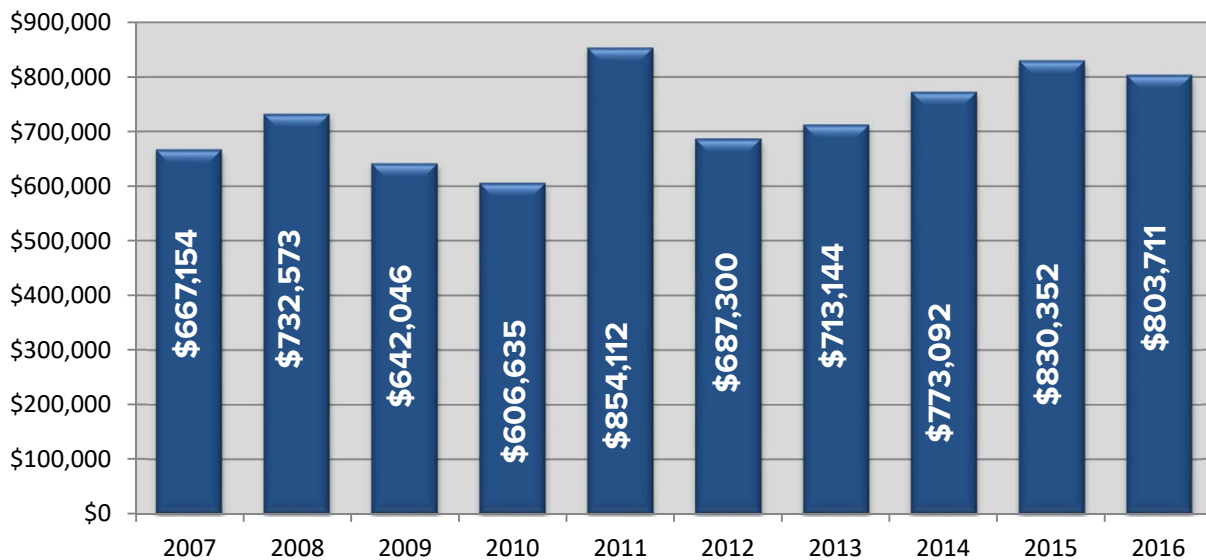
• *Significant Notes - 2017/18 Budget Compared to 2016/17 Budget*

**Personal Services**

Personal service increase due to additional part-time housing/zoning inspector.

Personnel Summary	2015 Budget		2016 Budget		2017 Budget		2018 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Planning Department	3.65	1.6	3.65	1.6	3.65	1.7	3.65	2.4
<b>Total Department</b>	<b>3.65</b>	<b>1.6</b>	<b>3.65</b>	<b>1.6</b>	<b>3.65</b>	<b>1.7</b>	<b>3.65</b>	<b>2.4</b>

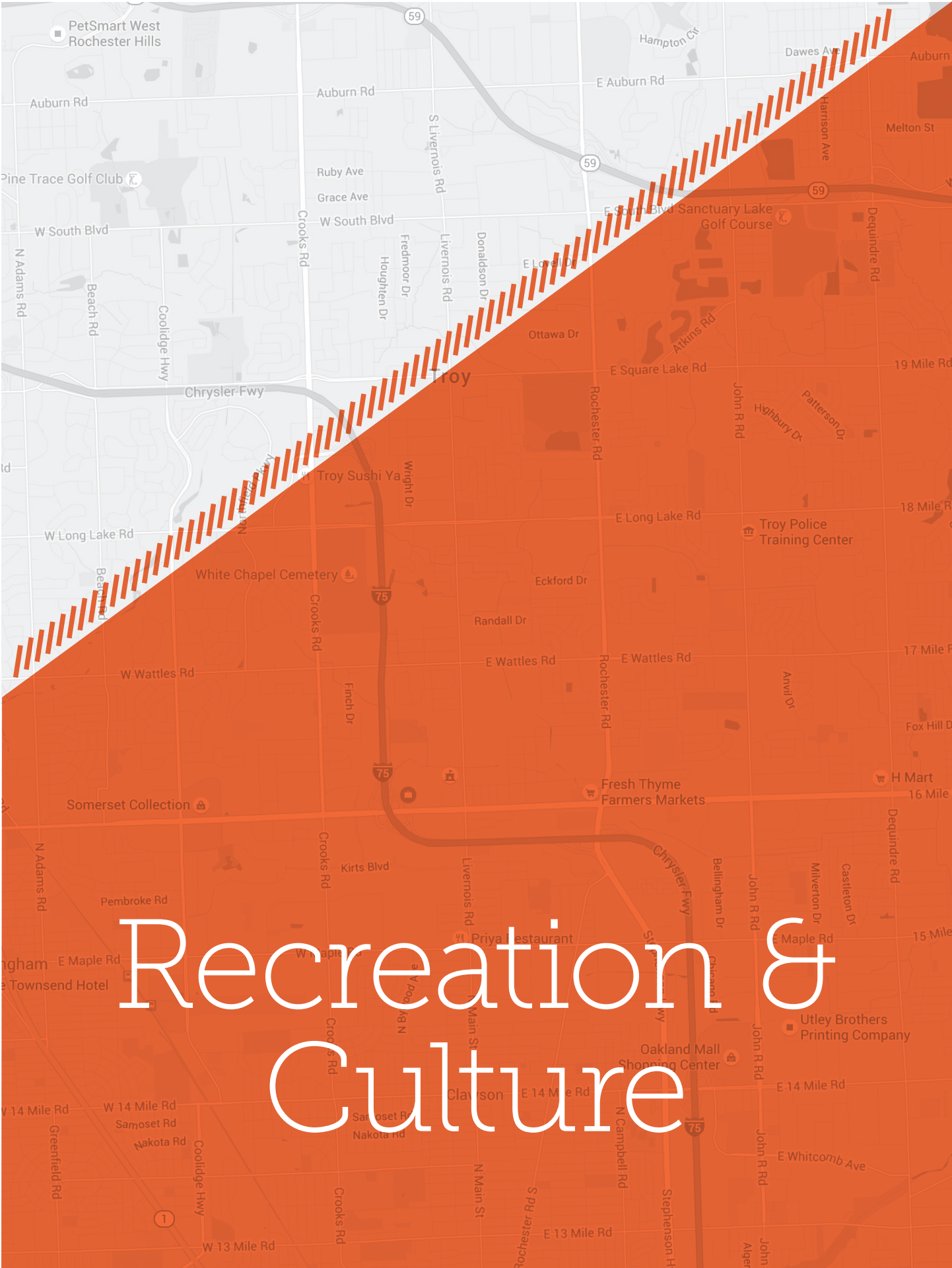
• *Operating Budget History*



**General Fund**

# Planning Department

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 101 GENERAL FUND</b>								
Expenditures								
<b>Department: 721 Planning</b>								
<b>Business Unit: 721 Planning</b>								
101.721.00.721								
Personal Services	\$ 607,194	\$ 633,678	\$ 654,140	\$ 663,260	\$ 716,090	7.97%	\$ 796,460	\$ 814,000
Supplies	4,836	5,806	4,400	5,000	4,410	-11.80%	4,420	4,430
Other Service Charges	205,427	154,026	205,530	201,460	210,180	4.33%	211,050	191,950
<b>Business Unit Total: Planning</b>	<b>817,457</b>	<b>793,510</b>	<b>864,070</b>	<b>869,720</b>	<b>930,680</b>	<b>7.01%</b>	<b>1,011,930</b>	<b>1,010,380</b>
<b>Business Unit: 723 Planning</b>								
<b>Commission</b>								
101.721.00.723								
Personal Services	5,153	4,472	7,280	7,280	7,280	0.00%	7,430	7,570
Supplies	125	737	500	500	500	0.00%	500	500
Other Service Charges	5,266	3,241	7,525	7,590	7,525	-0.86%	7,525	7,535
<b>Business Unit Total: Planning</b>	<b>10,544</b>	<b>8,450</b>	<b>15,305</b>	<b>15,370</b>	<b>15,305</b>	<b>-0.42%</b>	<b>15,455</b>	<b>15,605</b>
<b>Business Unit: 726 Board of Zoning</b>								
<b>Appeals</b>								
101.721.00.726								
Personal Services	1,507	1,051	2,260	2,260	2,260	0.00%	2,300	2,350
Supplies	69	-	943	900	900	0.00%	900	900
Other Service Charges	775	700	2,000	2,040	2,000	-1.96%	2,000	2,010
<b>Business Unit Total: Board of Zoning</b>	<b>2,351</b>	<b>1,751</b>	<b>5,203</b>	<b>5,200</b>	<b>5,160</b>	<b>-0.77%</b>	<b>5,200</b>	<b>5,260</b>
<b>Department Total: Planning</b>								
<b>Department</b>	<b>\$ 830,352</b>	<b>\$ 803,711</b>	<b>\$ 884,578</b>	<b>\$ 890,290</b>	<b>\$ 951,145</b>	<b>6.84%</b>	<b>\$ 1,032,585</b>	<b>\$ 1,031,245</b>



# Recreation & Culture



# PARKS

Department of Public Works Manager | Kurt Bovensiep

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

## DEPARTMENT FUNCTION

### Parks

- » Maintains over 1000 acres of active and passive park land, and municipal grounds
- » Plants and maintains right-of-way trees
- » Reviews landscape and tree preservation plans for commercial and residential development
- » Administers contracted landscape maintenance of all municipal buildings
- » Performs special event set-up and sports field preparation
- » Serves as a community resource for horticultural/ arboricultural concerns
- » Plans and develops park projects
- » Maintains four municipal cemeteries

**PERFORMANCE INDICATORS**

<b>Performance Indicators</b>	<b>2014/15 Actual</b>	<b>2015/16 Actual</b>	<b>2016/17 Projected</b>	<b>2017/18 Budget</b>
Residential Tree Trimmed during Winter Block Pruning	3,976	3,500	3,500	3,200
Residential Tree Related Request	714	750	750	800
ROW Tree Planted	103	380	350	350
Athletic Field Maintenance Hours	2,076	2,100	2,100	2,200

**Notes on Performance Indicators**

- The Recreation Department charges a field usage that augments the hours spent on athletic field maintenance.

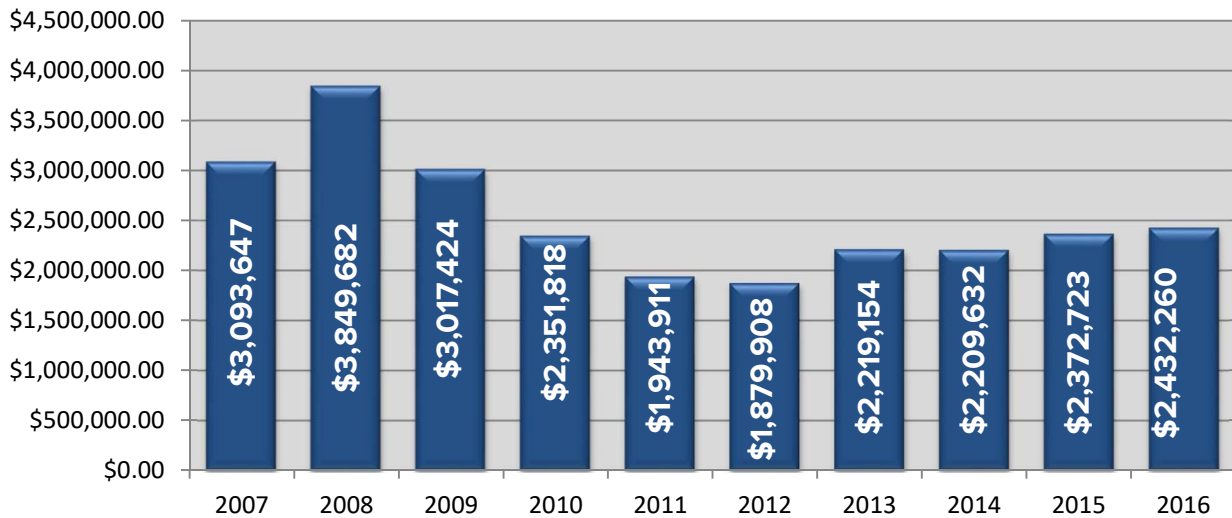
**Parks**

**Summary of Budget Changes**

• *Significant Notes - 2017/18 Budget Compared to 2016/17 Budget*

Personnel Summary	2015 Budget		2016 Budget		2017 Budget		2018 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Parks Department	6.2	8.8	6.1	9.2	6.0	9.3	6.3	9.6
<b>Total Department</b>	<b>6.2</b>	<b>8.8</b>	<b>6.1</b>	<b>9.2</b>	<b>6.0</b>	<b>9.3</b>	<b>6.3</b>	<b>9.6</b>

• *Operating Budget History - Parks*



**General Fund  
Recreation and Culture**

# City Parks

190

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 101 GENERAL FUND</b>								
Expenditures								
<b>Department: 751 Parks</b>								
<b>Division: 30 - Parks Maintenance</b>								
<b>Business Unit: 751 Parks Administration</b> 101./51.30./51								
Personal Services	\$ 113,362	\$ 69,720	\$ 69,090	\$ 61,180	\$ 100,930	64.97%	\$ 103,980	\$ 106,940
Supplies	1,179	1,763	1,000	2,750	2,000	-27.27%	2,100	2,200
Other Service Charges	16,088	19,255	18,090	23,840	24,520	2.85%	24,800	25,085
<b>Business Unit Total: Parks Administration</b>	<b>130,628</b>	<b>90,738</b>	<b>88,180</b>	<b>87,770</b>	<b>127,450</b>	<b>45.21%</b>	<b>130,880</b>	<b>134,225</b>

**General Fund  
Recreation and Culture**

# City Parks

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 756 Civic Center Maintenance</b> 101.751.30.756								
Personal Services	73,595	40,880	59,680	66,050	84,910	28.55%	86,770	88,650
Supplies	58,899	30,942	66,757	65,000	30,000	-53.85%	30,500	31,000
Other Service Charges	160,577	168,590	205,610	191,730	224,930	17.32%	225,250	225,570
<b>Business Unit Total: Civic Center Maintenance</b>	<b>293,071</b>	<b>240,412</b>	<b>332,047</b>	<b>322,780</b>	<b>339,840</b>	<b>5.29%</b>	<b>342,520</b>	<b>345,220</b>
<b>Business Unit: 757 Cemetary Maintenance</b> 101.751.30.757								
Personal Services	6,103	22,943	10,270	9,010	9,040	0.33%	9,240	9,450
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	7,530	15,989	11,620	9,210	13,890	50.81%	13,990	14,100
<b>Business Unit Total: Cemetary Maintenance</b>	<b>13,633</b>	<b>38,932</b>	<b>21,890</b>	<b>18,220</b>	<b>22,930</b>	<b>25.85%</b>	<b>23,230</b>	<b>23,550</b>

**General Fund  
Recreation and Culture**

# City Parks

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 758</b>								
<b>Parks Garage</b>								
101.751.30.758								
Personal Services	186	-	-	-	-	0.00%	-	-
Supplies	3,994	2,525	3,000	7,000	3,500	-50.00%	4,000	4,500
Other Service Charges	44,843	39,642	46,300	56,910	52,810	-7.20%	54,120	55,430
<b>Business Unit Total:</b>								
<b>Parks Garage</b>	<b>49,023</b>	<b>42,167</b>	<b>49,300</b>	<b>63,910</b>	<b>56,310</b>	<b>-11.89%</b>	<b>58,120</b>	<b>59,930</b>
<b>Business Unit: 759</b>								
<b>Athletic Field Maintenance</b>								
101.751.30.759								
Personal Services	62,031	62,286	75,010	129,190	112,810	-12.68%	115,290	117,820
Supplies	21,227	15,019	20,000	23,000	23,000	0.00%	23,700	24,400
Other Service Charges	141,157	153,898	203,550	209,930	159,090	-24.22%	160,510	161,930
<b>Business Unit Total:</b>								
<b>Athletic Field Maintenance</b>	<b>224,415</b>	<b>231,203</b>	<b>298,560</b>	<b>362,120</b>	<b>294,900</b>	<b>-18.56%</b>	<b>299,500</b>	<b>304,150</b>

**General Fund  
Recreation and Culture**

# City Parks

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 770 Parks Maintenance 101.751.30.770</b>								
Personal Services	261,304	275,787	264,850	307,700	305,040	-0.86%	311,500	318,140
Supplies	48,822	55,955	84,200	95,700	75,200	-21.42%	77,500	79,800
Other Service Charges	373,511	380,771	516,960	434,770	523,428	20.39%	529,490	535,762
<b>Business Unit Total: Parks Maintenance</b>	<b>683,637</b>	<b>712,514</b>	<b>866,010</b>	<b>838,170</b>	<b>903,668</b>	<b>7.81%</b>	<b>918,490</b>	<b>933,702</b>
<b>Business Unit: 772 Park Equipment Repair 101.751.30.772</b>								
Personal Services	87,093	95,271	83,620	67,380	70,210	4.20%	71,790	73,390
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	3,291	3,717	3,500	3,100	3,500	12.90%	3,600	3,700
<b>Business Unit Total: Park Equipment Repair</b>	<b>90,384</b>	<b>98,988</b>	<b>87,120</b>	<b>70,480</b>	<b>73,710</b>	<b>4.58%</b>	<b>75,390</b>	<b>77,090</b>

**General Fund  
Recreation and Culture**

# City Parks

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 773</b>								
<b>Parks - Special Events</b>								
101.751.30.773								
Personal Services	31,059	32,301	49,270	18,320	18,690	2.02%	19,100	19,540
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	3,394	5,032	10,000	18,000	12,000	-33.33%	13,000	14,000
<b>Business Unit Total: Special Events</b>	<b>34,454</b>	<b>37,333</b>	<b>59,270</b>	<b>36,320</b>	<b>30,690</b>	<b>-15.50%</b>	<b>32,100</b>	<b>33,540</b>
<b>Business Unit: 774</b>								
<b>Major Tree Maintenance</b>								
101.751.30.774								
Personal Services	1,596	2,425	8,470	23,920	24,340	1.76%	24,890	25,430
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	647	13	500	500	500	0.00%	500	500
<b>Business Unit Total: Major Tree Maintenance</b>	<b>2,243</b>	<b>2,438</b>	<b>8,970</b>	<b>24,420</b>	<b>24,840</b>	<b>1.72%</b>	<b>25,390</b>	<b>25,930</b>



**General Fund  
Recreation and Culture**

# City Parks

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 775</b>								
<b>Major Tree Planting</b>								
101.751.30.775								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	1,559	-	-	3,000	-	-100.00%	-	-
Other Service Charges	-	-	-	-	-	0.00%	-	-
<b>Business Unit Total:</b>								
<b>Major Tree Planting</b>	<b>1,559</b>	<b>-</b>	<b>-</b>	<b>3,000</b>	<b>-</b>	<b>-100.00%</b>	<b>-</b>	<b>-</b>
<b>Major Tree Storm Damage</b>								
101.751.30.776								
Personal Services	624	30	480	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	79	10	100	200	200	0.00%	200	200
<b>Business Unit Total:</b>								
<b>Major Tree Storm Damage</b>	<b>703</b>	<b>40</b>	<b>580</b>	<b>200</b>	<b>200</b>	<b>0.00%</b>	<b>200</b>	<b>200</b>

**General Fund  
Recreation and Culture**

# City Parks

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 777</b>								
<b>Local Tree Maintenance</b>								
101.751.30.777								
Personal Services	132,624	186,579	167,410	163,100	167,550	2.73%	171,240	175,000
Supplies	3,759	2,196	-	4,000	4,000	0.00%	4,100	4,200
Other Service Charges	426,659	393,751	430,610	476,030	435,630	-8.49%	448,650	462,070
<b>Business Unit Total:</b>								
<b>Local Tree Maintenance</b>	<b>563,043</b>	<b>582,526</b>	<b>598,020</b>	<b>643,130</b>	<b>607,180</b>	<b>-5.59%</b>	<b>623,990</b>	<b>641,270</b>
<b>Business Unit: 778</b>								
<b>Local Tree Planting</b>								
101.751.30.778								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	15,066	111,409	93,526	94,010	95,110	1.17%	95,110	95,110
Other Service Charges	-	-	300	300	300	0.00%	300	300
<b>Business Unit Total:</b>								
<b>Local Tree Planting</b>	<b>15,066</b>	<b>111,409</b>	<b>93,826</b>	<b>94,310</b>	<b>95,410</b>	<b>1.17%</b>	<b>95,410</b>	<b>95,410</b>

**General Fund  
Recreation and Culture**

# City Parks

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Local Tree Storm Damage</b> 101.751.30.779								
Personal Services	19,499	10,183	18,690	48,770	50,020	2.56%	51,120	52,270
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	13,279	3,230	1,000	5,000	5,000	0.00%	5,300	5,600
<b>Business Unit Total: Local Tree Storm Damage</b>	<b>32,778</b>	<b>13,413</b>	<b>19,690</b>	<b>53,770</b>	<b>55,020</b>	<b>2.32%</b>	<b>56,420</b>	<b>57,870</b>
<b>Business Unit: 780 Street Island Maint.- Major</b> 101.751.30.780								
Personal Services	0	370	1,320	3,980	4,000	0.50%	4,080	4,180
Supplies	-	177	-	1,000	500	-50.00%	500	500
Other Service Charges	87,185	89,099	105,500	92,940	108,300	16.53%	109,310	109,330
<b>Business Unit Total: Street Island Maint.- Major</b>	<b>87,186</b>	<b>89,646</b>	<b>106,820</b>	<b>97,920</b>	<b>112,800</b>	<b>15.20%</b>	<b>113,890</b>	<b>114,010</b>

**General Fund  
Recreation and Culture**

# City Parks

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	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 781</b>								
<b>Street Island Maint.- Local</b>								
101.751.30.781								
Personal Services	4,790	230	1,930	-	-	0.00%	-	-
Supplies	1,973	-	-	-	-	0.00%	-	-
Other Service Charges	2,059	53	340	270	240	-11.11%	240	250
<b>Business Unit Total: Street Island Maint.- Local</b>	<b>8,822</b>	<b>283</b>	<b>2,270</b>	<b>270</b>	<b>240</b>	<b>-11.11%</b>	<b>240</b>	<b>250</b>
<b>Business Unit: 782</b>								
<b>Street Island Maint.- Northfield</b>								
101.751.30.782								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	-	-	-	-	-	0.00%	-	-
<b>Business Unit Total: Street Island Maint.- Northfield</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>

**General Fund  
Recreation and Culture**

# City Parks

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 783</b>								
<b>Street Island Maint.- DDA</b>								
101.751.30.783								
Personal Services	11,310	24,774	45,530	40,150	28,770	-28.34%	29,370	30,010
Supplies	980	1,521	2,500	4,000	3,000	-25.00%	3,200	3,400
Other Service Charges	129,789	113,924	147,360	133,400	151,520	13.58%	155,530	158,540
<b>Business Unit Total: Street Island Maint.- DDA</b>	<b>142,079</b>	<b>140,219</b>	<b>195,390</b>	<b>177,550</b>	<b>183,290</b>	<b>3.23%</b>	<b>188,100</b>	<b>191,950</b>
<b>Division Total: Parks</b>	<b>2,372,723</b>	<b>2,432,260</b>	<b>2,827,943</b>	<b>2,894,340</b>	<b>2,928,478</b>	<b>1.18%</b>	<b>2,983,870</b>	<b>3,038,297</b>
<b>Department Total: City Parks</b>	<b>\$ 2,372,723</b>	<b>\$ 2,432,260</b>	<b>\$ 2,827,943</b>	<b>\$ 2,894,340</b>	<b>\$ 2,928,478</b>	<b>1.18%</b>	<b>\$ 2,983,870</b>	<b>\$ 3,038,297</b>

# RECREATION

Recreation Director | Elaine S. Bo

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

## DEPARTMENT FUNCTION

### Adaptive Recreation

- » Conducts social, recreational, athletic and fitness activities for persons with disabilities
- » Provides programs and special events in partnership with Special Olympics, Oakland County Parks and Recreation, Northwest Therapeutic Recreation, Troy Ability Soccer League

### Athletics

- » Coordinates adult leagues
- » Coordinates youth leagues
- » Serves as liaison with citizen organizations such as Troy Youth Football, Troy Youth Soccer League, Troy Soccer Club and Troy Baseball Boosters
- » Coordinates adult and youth instructional sport activities

### Application and Review Process

- » Acts as liaison with Parks and Recreation Board
- » Conducts facility planning and development
- » Oversees capital improvement projects
- » Applies for grants
- » Conducts marketing strategies
- » Supervises staff assignments
- » Prepares and administers the department budget
- » Administers scholarship and fee waiver for recreation programs and community center membership
- » Maintains a Facebook page to be used for promoting and marketing
- » Serves as liaison with Friends of Troy Seniors, Medi-Go, Troy Racquet Club and Troy Nature Society 200

### Application and Review Process (cont.)

- » Coordinates public use of parks
- » Provides full range preschool activities and classes including a state licensed school
- » Offers a nationally accredited Safety Town program

### Camps

- » Program 9 weeks of traditional day camps during summer months and during school break weeks
- » Conducts Troy Sports Camps with the school district (22 different camps)
- » Conducts dance and performing arts camp
- » Conducts an adaptive camp for individuals with disabilities
- » Conducts Aqua Camps throughout the year

### Community Centers

- » Sells recreation passes to residents and non-residents for use of the gym, pools and fitness areas
- » Provides free wireless internet access throughout the facility
- » Rents meeting and banquet rooms to the public for events including receptions, showers, business meeting and expos
- » Provides food service options for meetings and banquets through a preferred caterer
- » Offers personal training and massage therapy service
- » Provides space for local senior artists to sell their crafts

# RECREATION (CONT.)

Recreation Director | Elaine S. Bo

## **Enrichment Programs**

- » Offers youth and adult enrichment programs
- » Coordinates skiing, arts and crafts, martial arts, computers, fitness and dance programs
- » Offers special events for individuals and families

## **Senior Citizens Programs**

- » Accredited by the National Council on Aging/  
National Institute of Senior Centers in 2002
- » Offers social, enrichment, recreational, educational, sports and fitness activities
- » Offers services such as meals for the homebound, food distribution, hospital equipment loan program

<b>Recreation</b>
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**PERFORMANCE INDICATORS**

Performance Indicator	2014/15 Actual	2015/16 Actual	2016/17 Projected	2017/18 Budget
Number Community Center pass holders	7,120	7,138	7,249	7,225
Number of Room Rentals	2,100	2,189	2,300	2,325
Number of Recreation Program Room Reservations	7,648	7,775	8,015	8,100
Number of Recreation Program Registrations	17,403	17,501	17,625	17,700
Park Shelter Reservations *	534	540	530	460
Fitness Area Visits	340,000	345,230	347,312	352,750
Senior Program Attendance (not including Friends of Troy Seniors)	113,884	116,110	120,010	121,010
Swim Lessons - Indoor	3,120	3,009	3,080	2,600
Total Pool Attendance - Indoor	131,410	131,643	134,711	134,900
Aqua Swim Camp Registrations	85	62	50	25
Camp Enrollments	1,806	1,850	1,870	2,375

**Notes on Performance Indicators**

- \* Half day shelter rentals on Saturdays are no longer available which reduced budgeted shelter reservations for 2017/18 fiscal year.



**Recreation**

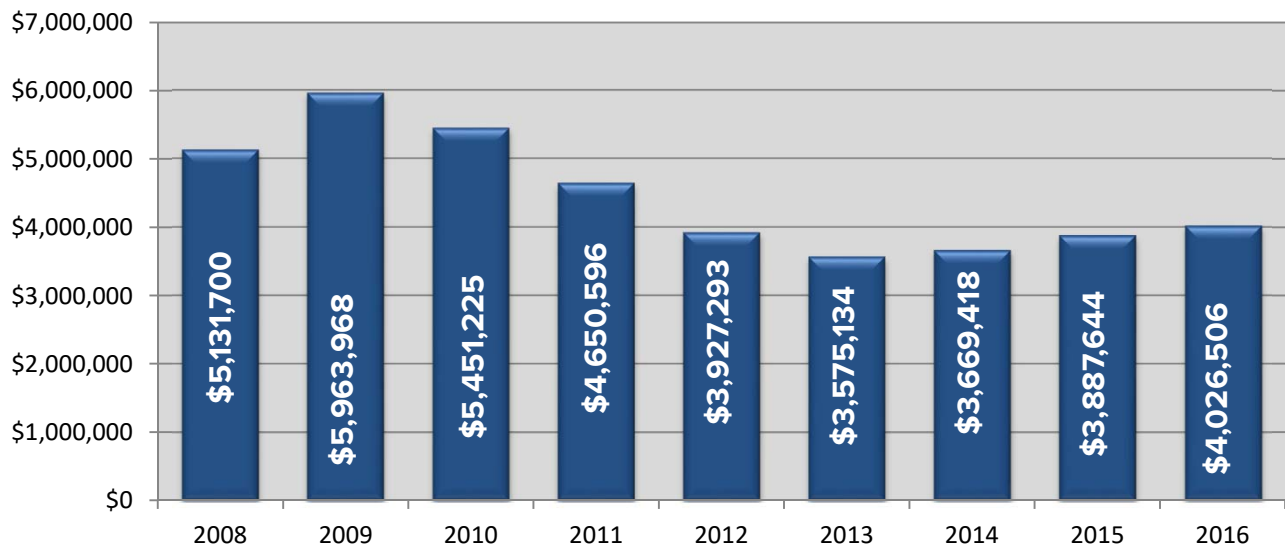
**Summary of Budget Changes**

• *Significant Notes - 2017/18 Budget Compared to 2016/17 Budget*

Increase in budgeted expenditures due to significant increase in senior programs including an additional full-time Recreation Supervisor dedicated to senior programming, additional senior programs and additional resources directed at the Medi-Go program to provide additional senior transportation.

Personnel Summary	2015 Budget		2016 Budget		2017 Budget		2018 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Recreation Department	6.0	38.4	6.0	40.4	6.5	41.4	7.5	47.3
<b>Total Department</b>	<b>6.0</b>	<b>38.4</b>	<b>6.0</b>	<b>40.4</b>	<b>6.5</b>	<b>41.4</b>	<b>7.5</b>	<b>47.3</b>

• *Operating Budget History - Recreation*



**General Fund  
Recreation and Culture**

# Recreation

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>FUND</b>								
Expenditures								
<b>Recreation</b>								
<b>Business Unit: 00</b>								
<b>Recreation</b>								
<b>Administration</b>								
101.752.00.752								
Personal Services	\$ 327,238	\$ 348,807	\$ 378,600	\$ 388,860	\$ 398,690	2.53%	\$ 407,520	\$ 416,570
Supplies	45,470	49,532	50,000	45,000	52,000	15.56%	53,000	54,000
Other Service Charges	366,522	397,624	418,670	400,160	471,730	17.89%	475,910	479,190
<b>Business Unit Total:</b>								
<b>Recreation</b>								
<b>Administration</b>	<b>739,230</b>	<b>795,963</b>	<b>847,270</b>	<b>834,020</b>	<b>922,420</b>	<b>10.60%</b>	<b>936,430</b>	<b>949,760</b>
<b>Business Unit: 753</b>								
<b>Recreation</b>								
101.752.31.753								
Personal Services	456,633	485,461	484,110	457,880	506,940	10.71%	517,670	528,640
Supplies	70,157	77,731	85,000	71,000	91,000	28.17%	96,000	97,000
Other Service Charges	290,049	296,734	352,940	327,050	390,480	19.39%	395,520	396,550
<b>Business Unit Total:</b>								
<b>Recreation</b>	<b>816,839</b>	<b>859,926</b>	<b>922,050</b>	<b>855,930</b>	<b>988,420</b>	<b>15.48%</b>	<b>1,009,190</b>	<b>1,022,190</b>

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**General Fund  
Recreation and Culture**

# Recreation

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 754</b>								
<b>Senior Programs</b>								
101.752.31.754								
Personal Services	60,367	66,639	72,290	69,830	192,980	176.36%	99,230	101,200
Supplies	15,608	11,109	16,000	16,700	50,700	203.59%	51,700	52,700
Other Service Charges	137,490	110,967	139,740	152,510	162,130	6.31%	168,820	176,540
<b>Business Unit Total: Senior Programs</b>	<b>213,466</b>	<b>188,714</b>	<b>228,030</b>	<b>239,040</b>	<b>405,810</b>	<b>69.77%</b>	<b>319,750</b>	<b>330,440</b>
<b>Business Unit: 755</b>								
<b>Community Center</b>								
101.752.31.755								
Personal Services	795,931	829,793	945,040	852,830	989,710	16.05%	1,009,820	1,030,370
Supplies	286,818	294,442	276,100	269,100	452,100	68.00%	313,100	313,100
Other Service Charges	1,035,361	1,057,668	1,079,140	1,148,190	1,124,320	-2.08%	1,156,170	1,174,140
<b>Business Unit Total: Community Center</b>	<b>2,118,110</b>	<b>2,181,902</b>	<b>2,300,280</b>	<b>2,270,120</b>	<b>2,566,130</b>	<b>13.04%</b>	<b>2,479,090</b>	<b>2,517,610</b>
<b>Department Total: Recreation Department</b>	<b>\$ 3,887,644</b>	<b>\$ 4,026,506</b>	<b>\$ 4,297,630</b>	<b>\$ 4,199,110</b>	<b>\$ 4,882,780</b>	<b>16.28%</b>	<b>\$ 4,744,460</b>	<b>\$ 4,820,000</b>

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# HISTORIC VILLAGE/ NATURE CENTER

Troy Historic Village Executive Director | Loraine Campbell  
Troy Nature Society Executive Director | Carla Reeb

The Troy Historical Society administers the Troy Historic Village through a management agreement with the City of Troy. The mission of the Troy Historical Society is to stimulate discovery and cultivate life-long appreciation of history by sharing and preserving heritage through creative, meaningful experiences that engage our stakeholders.

It is the mission of the Nature Center to provide resources and education to inspire the appreciation and preservation of nature.

## DEPARTMENT FUNCTION

### Historic Village

Provide programs for the following:

- » Engages visitors and stakeholders in positive learning experiences and social interactions
- » Respects the significance of history as we seek knowledge, understanding, and relevance in our lives
- » Recognizes the importance of archival and material collections as social objects and catalysts for sharing information and ideas
- » Embraces innovation and encourages passion and creativity in our work
- » Encourages the objective analysis, civil discussion, and evaluation of controversial issues
- » Promotes a culture of stewardship where all adhere to the highest standards of historic preservation

## DEPARTMENT FUNCTION

### Nature Center

Provides welcoming environment that:

- » Public Programs
- » School Programs
- » Organized Scout Group Programs
- » Educational nature programs for individuals of all ages

**Historic Village and Nature Center**

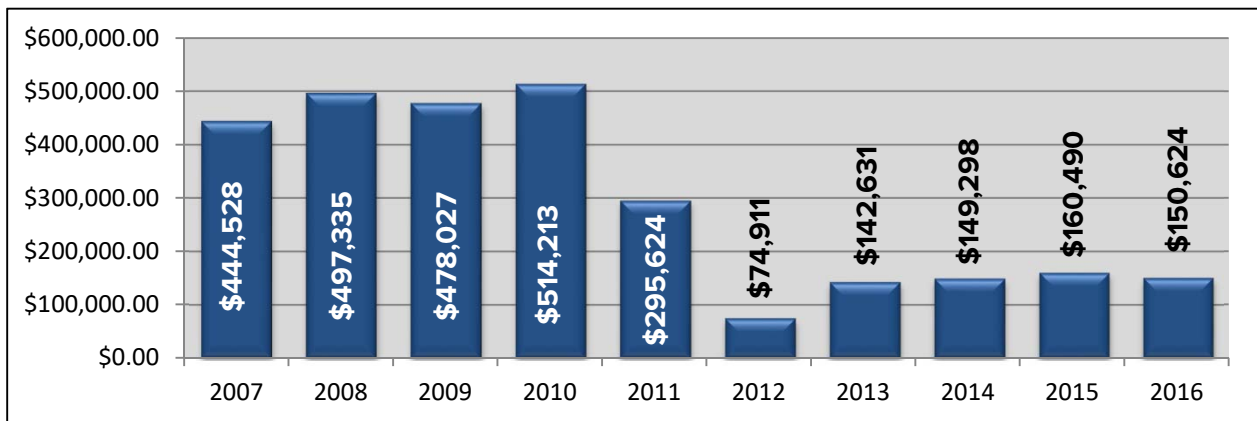
**SUMMARY OF BUDGET CHANGES HISTORIC VILLAGE/NATURE CENTER**

- Significant Notes - 2017/18 Budget Compared to 2016/17 Budget**

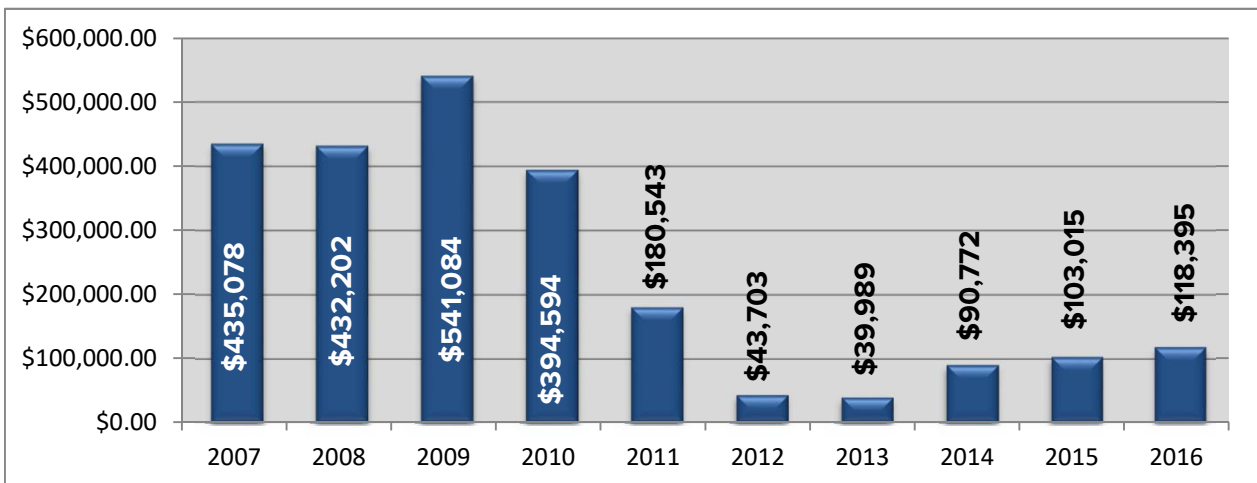
In addition to providing building and ground routine maintenance, the City appropriates \$100,00 each to the Troy Historic Village Society and the Troy Nature Society to provide management and programming services.

Personnel Summary	2014/15 Actual		2015/16 Actual		2016/17 Projected		2017/18 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Historic Village	0.1	0	0.19	0.1	0.3	0	0.3	0.1
<b>Total Department</b>	<b>0.1</b>	<b>0</b>	<b>0.19</b>	<b>0.1</b>	<b>0.3</b>	<b>0</b>	<b>0.3</b>	<b>0.1</b>

- Operating Budget History For Historic Village**



- Operating Budget History For Nature Center**



**General Fund  
Recreation and Culture**

## Nature Center

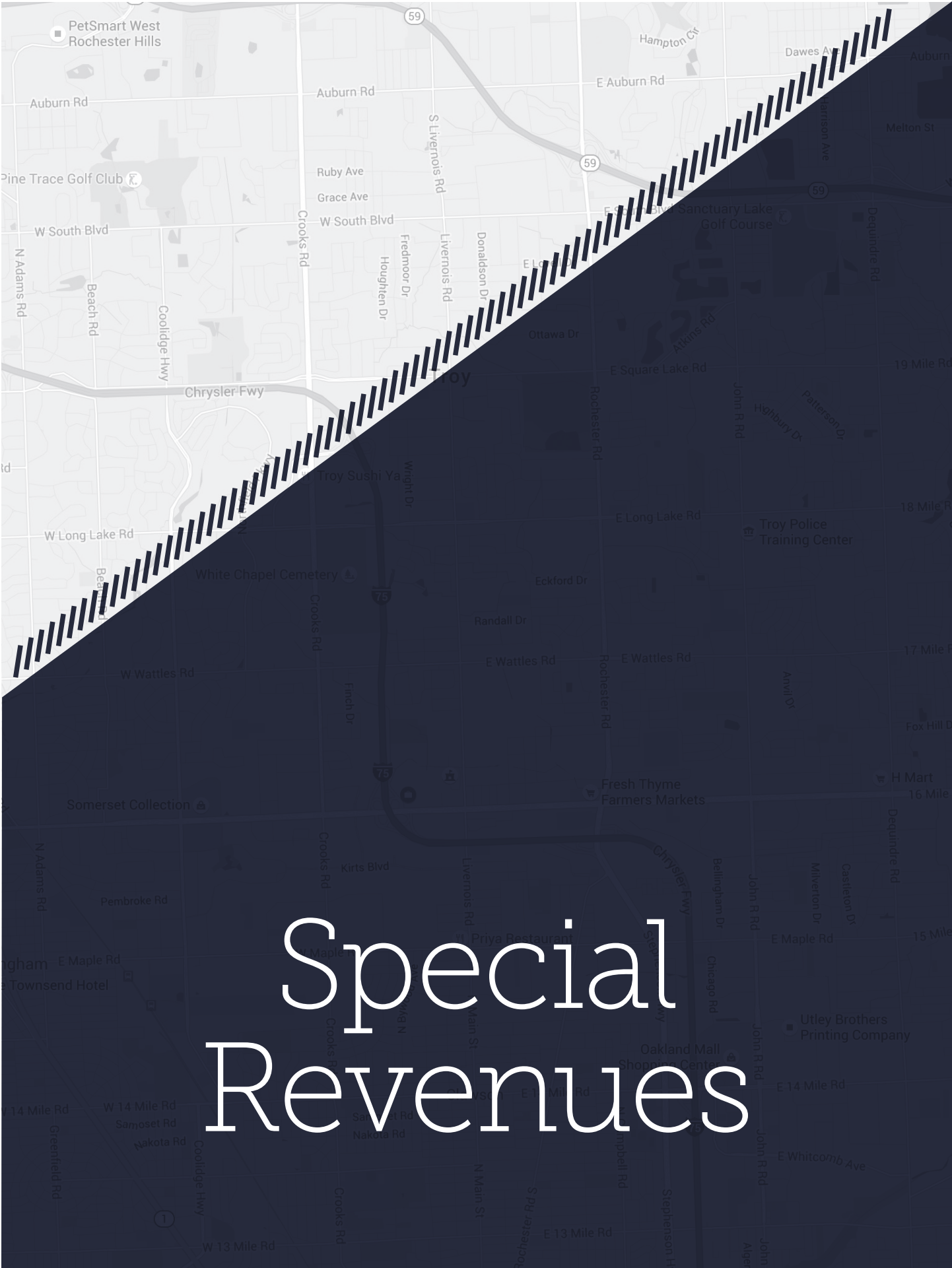
	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 101 GENERAL FUND</b>								
Expenditures								
<b>Department: 771 Nature Center</b>								
<b>Business Unit: 771 Nature Center</b>								
101.//1.00.//1								
Personal Services	\$ 2,274	\$ 4,724	\$ 4,720	\$ -	\$ -	0.00%	\$ -	\$ -
Supplies	1,180	2,511	2,800	2,800	2,800	0.00%	2,800	2,800
Other Service Charges	99,560	111,160	113,800	117,630	143,830	22.27%	144,671	145,173
<b>Business Unit Total: Nature Center</b>	<b>103,015</b>	<b>118,395</b>	<b>121,320</b>	<b>120,430</b>	<b>146,630</b>	<b>21.76%</b>	<b>147,471</b>	<b>147,973</b>
<b>Department Total: Nature Center</b>	<b>\$ 103,015</b>	<b>\$ 118,395</b>	<b>\$ 121,320</b>	<b>\$ 120,430</b>	<b>\$ 146,630</b>	<b>21.76%</b>	<b>\$ 147,471</b>	<b>\$ 147,973</b>

**General Fund  
Recreation and Culture**

# Historic Village

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 101 GENERAL FUND</b>								
Expenditures								
<b>Department: 804 Historic Village</b>								
<b>Business Unit: 802 Operations</b> 101.804.00.802								
Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	75,000	75,000	100,000	100,000	100,000	0.00%	100,000	100,000
<b>Business Unit Total: Operations</b>	<b>75,000</b>	<b>75,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>0.00%</b>	<b>100,000</b>	<b>100,000</b>
<b>Business Unit: 804 Village Buildings</b> 101.804.00.804								
Personal Services	2,878	-	-	-	-	0.00%	-	-
Supplies	18,155	5,758	2,900	6,200	3,000	-51.61%	3,060	3,120
Other Service Charges	46,439	48,419	63,440	64,810	69,210	6.79%	70,670	72,150
<b>Business Unit Total: Village Buildings</b>	<b>67,472</b>	<b>54,177</b>	<b>66,340</b>	<b>71,010</b>	<b>72,210</b>	<b>1.69%</b>	<b>73,730</b>	<b>75,270</b>
<b>Business Unit: 804 Village Grounds</b> 101.804.00.807								
Personal Services	6,173	11,501	15,290	37,950	40,090	5.64%	41,000	41,940
Supplies	-	1,027	-	-	-	0.00%	-	-
Other Service Charges	11,845	8,920	15,000	14,740	15,800	7.19%	15,800	15,800
<b>Business Unit Total: Village Grounds</b>	<b>18,018</b>	<b>21,447</b>	<b>30,290</b>	<b>52,690</b>	<b>55,890</b>	<b>6.07%</b>	<b>56,800</b>	<b>57,740</b>
<b>Department Total: Historic Village</b>	<b>\$ 160,490</b>	<b>\$ 150,624</b>	<b>\$ 196,630</b>	<b>\$ 223,700</b>	<b>\$ 228,100</b>	<b>1.97%</b>	<b>\$ 230,530</b>	<b>\$ 233,010</b>

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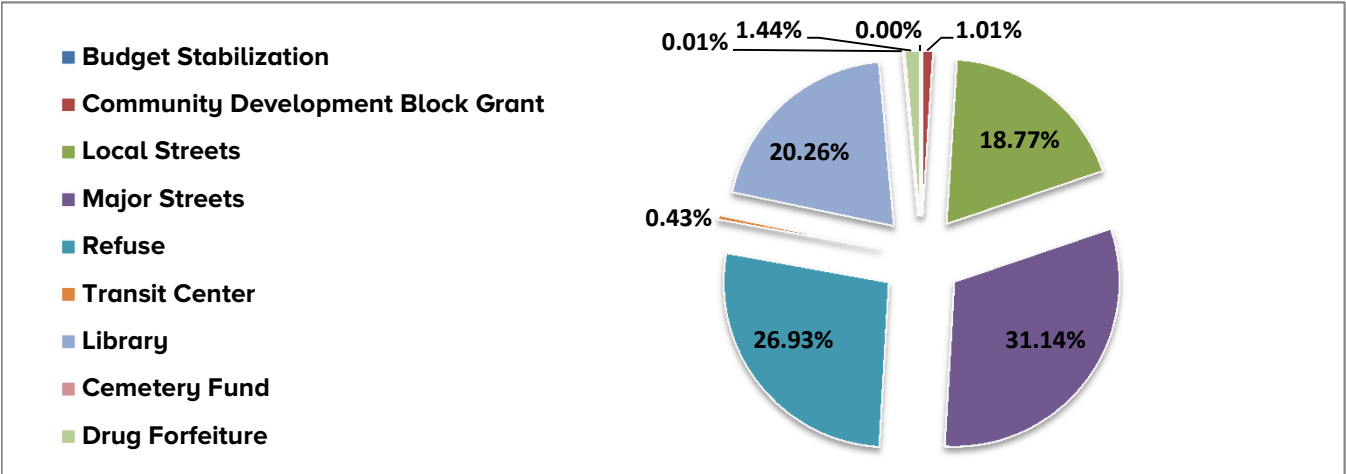


# Special Revenues



**Special Revenue Funds  
Summary**

The chart below shows expenditures for each Special Revenue Fund as a percent of the total Special Revenue Budget.



**· Budget Stabilization Fund**

**\$0 • CDBG Grant**

**\$193,000**

This fund was created for the following purposes:

- √ To cover a General Fund deficit in the City of Troy's annual audit reveals a deficit.
- √ To prevent a reduction in the level of public services, or in the number of employees, at any time in a fiscal year when the City of Troy's budgeted revenue is not being collected in an amount sufficient to cover budgeted expenses.
- √ To prevent reduction in the level of service or in the number of employees, when preparing the budget for the next fiscal year when the City of Troy's estimated revenue does not appear sufficient to cover estimated expenses.
- √ To cover expenses arising because of a natural disaster including flood, fire or tornado. However, if federal or state funds are received to offset the appropriations of the fund, that money shall be returned to the fund.

This fund accounts for grant revenues from the Department of Housing and Development to be used for residential and other Capital improvements.

**· Local Streets Fund** **\$3,577,710**

This fund accounts for various revenues, including state shared revenue, related to the repair, maintenance and construction of all streets classified as "local" within the city.

**· Major Streets Fund** **\$5,935,180**

This fund accounts for state shared revenue related to the repair, maintenance and construction of all streets classified as "major" within the city.

**· Refuse Fund** **\$5,132,400**

Provides refuse collection, yard waste removal and curbside recycling. Funds are generated by property taxes to provide this service.

**Special Revenue Funds*****· Library Fund*** ***\$3,862,165***

This fund accounts costs associated with the operations, maintenance and capital expenditures for the city's public library. Funding for these expenditures is provided by a voter approved dedicated property tax.

***· Drug Forfeiture Fund*** ***\$274,500***

This fund accounts for federal and state contributed resources derived from drug forfeitures. This funding is restricted to specific types of police expenditures as defined by these funding entities.

***· Transit Center Fund*** ***82,550***

This fund accounts costs associated with the operations, maintenance of the City's Transit Center. In addition it also accounts for cost reimbursements from Amtrak and rent revenues for sponsorship advertising at the Center.

***· Cemetery Fund*** ***2,000***

This fund accounts for investment earnings on cemetery fees held in perpetuity to reimburse the General Fund for cemetery maintenance.

**Special Revenue Funds  
Public Works**

## Major Streets

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Streets</b>								
<b>REVENUES</b>								
202.000.00.000								
State Grant Revenues	\$ 4,278,154	\$ 4,855,713	\$ 4,734,900	\$ 4,872,980	\$ 5,366,100	10.12%	\$ 5,782,400	\$ 5,800,000
Interest and rents	5,907	58,410	25,000	25,000	25,000	0.00%	25,000	25,000
<b>Total Revenues</b>	<b>4,284,062</b>	<b>4,914,123</b>	<b>4,759,900</b>	<b>4,897,980</b>	<b>5,391,100</b>	<b>10.07%</b>	<b>5,807,400</b>	<b>5,825,000</b>
<b>EXPENDITURES</b>								
202.966.00.966								
<b>Other Financing Uses</b>								
Transfers Out for Services and Capital	4,366,155	4,347,952	5,066,650	5,357,240	5,935,180	10.79%	6,005,600	6,071,990
<b>Surplus/(Use) of Fund Balance</b>	<b>(82,093)</b>	<b>566,171</b>	<b>(306,750)</b>	<b>(459,260)</b>	<b>(544,080)</b>	<b>18.47%</b>	<b>(198,200)</b>	<b>(246,990)</b>
Beginning Fund Balance	3,428,043	3,345,950	3,912,120	3,912,120	3,605,370	-7.84%	3,061,290	2,863,090
<b>Ending Fund Balance</b>	<b>\$ 3,345,950</b>	<b>\$ 3,912,120</b>	<b>\$ 3,605,370</b>	<b>\$ 3,452,860</b>	<b>\$ 3,061,290</b>	<b>-11.34%</b>	<b>\$ 2,863,090</b>	<b>\$ 2,616,100</b>

**Special Revenue Funds  
Public Works**

## Local Streets

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 203 Local Streets</b>								
<b><u>REVENUES</u></b>								
203.000.00.000								
State Grant Revenues	\$ 1,499,530	\$ 1,581,594	\$ 1,866,400	\$ 1,918,900	\$ 2,113,500	10.14%	\$ 2,277,500	\$ 2,280,000
Interest and rents	6,597	48,398	24,700	24,700	24,700	0.00%	24,700	24,700
<b>Total Revenues</b>	<b>1,506,127</b>	<b>1,629,992</b>	<b>1,891,100</b>	<b>1,943,600</b>	<b>2,138,200</b>	<b>10.01%</b>	<b>2,302,200</b>	<b>2,304,700</b>
<b>Other Financing Sources</b>								
Transfers In from Major Streets	500,000	500,000	500,000	500,000	1,000,000	100.00%	1,000,000	1,000,000
<b>Total Revenues and Other Sources</b>	<b>2,006,127</b>	<b>2,129,992</b>	<b>2,391,100</b>	<b>2,443,600</b>	<b>3,138,200</b>	<b>28.43%</b>	<b>3,302,200</b>	<b>3,304,700</b>
<b><u>EXPENDITURES</u></b>								
203.966.00.966								
<b>Other Financing Uses</b>								
Transfers Out for Services and Capital	1,702,573	2,561,201	2,554,600	2,781,840	3,577,710	28.61%	3,645,860	3,706,400
<b>Surplus/(Use) of Fund Balance</b>	<b>303,554</b>	<b>(431,209)</b>	<b>(163,500)</b>	<b>(338,240)</b>	<b>(439,510)</b>	<b>29.94%</b>	<b>(343,660)</b>	<b>(401,700)</b>
Beginning Fund Balance	2,888,897	3,192,451	2,761,242	2,761,242	2,597,742	-5.92%	2,158,232	1,814,572
<b>Ending Fund Balance</b>	<b>\$ 3,192,451</b>	<b>\$ 2,761,242</b>	<b>\$ 2,597,742</b>	<b>\$ 2,423,002</b>	<b>\$ 2,158,232</b>	<b>-10.93%</b>	<b>\$ 1,814,572</b>	<b>\$ 1,412,872</b>

# REFUSE AND RECYCLING

Public Works Director | Kurt Bovensiep

Office Coordinator | Emily Frontera

The Refuse and Recycling Division provides prompt, reliable, and efficient refuse collection by a private contractor once per week servicing 26,807 single-family homes; condominiums; mobile homes; duplexes; and 122 small commercial businesses. Refuse from 4,118 apartments is also collected on a weekly basis.

## DEPARTMENT FUNCTION

### Administrative and Support Services

- » Provides prompt and reliable refuse, curbside recycling and yard waste removal service
- » Promotes City of Troy curbside recycling as the preferred program to remove recyclable products from the waste stream in a fiscally responsible manner
- » Investigates and resolves refuse and recycling related calls in a professional manner
- » Serves as liaison to the City's refuse contractor
- » Promotes public education in the area of solid waste disposal and recycling through newsletters, brochures, telephone contact and site visits
- » Promotes household hazardous waste program
- » Represents the City of Troy on the SOCRRA board
- » Maintains, and monitors collection counts
- » Reviews and approves service billings from SOCRRA

## Refuse and Recycling

### **PERFORMANCE INDICATORS**

Performance Indicator	2014/15 Actual	2015/16 Actual	2016/17 Projected	2017/18 Budget
Total Refuse/Recycling Collected in Tons	42,201	42,354	42,200	42,200
Refuse Collect in Tons	28,461	28,068	28,000	27,500
Compost Collected in Tons	9,178	9,104	9,100	9,100
Recyclables Collected in Tons	4,566.00	5,181	5,100	5,600
% of Total Refuse Composted	22%	22%	22%	22%
% of Total Refuse Recycled	11%	12%	12%	13%
Refuse and Recycling Collection Costs Per Capita	55.95	54.87	60.06	62.58

### **Notes on Performance Indicators**

- Goal: To educate residents about curbside recycling, refuse and compost issues through personal contact, brochures and articles.
- Increase recycling by simplifying rules, providing larger containers and implementing single stream recycling.
- Increased Per Capita costs due to the conversion of SOCRRA from a dual stream recycling facility to single stream and funding to provide each single family household a 64-gallon recycling container.

**Refuse and Recycling**

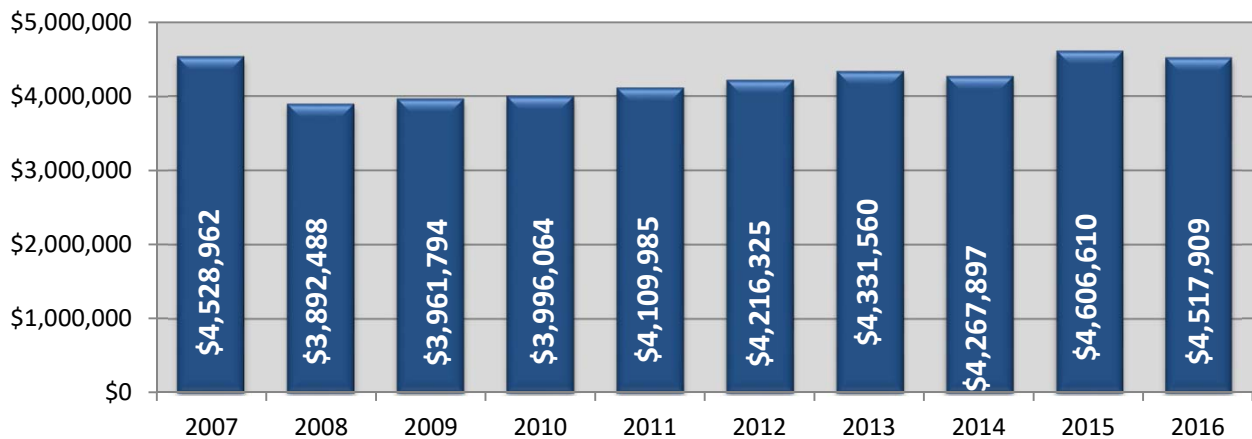
**SUMMARY OF BUDGET CHANGES**

- Significant Notes - 2017/18 Budget Compared to 2016/17 Budget**

Contractor collection costs will remain unchanged for the 2017-2018 fiscal year. SOCRRA continues to move forward with single stream recycling by building a new collections facility and reorganizing the contractors to be able to collect the new 64-gallon containers. Single stream recycling will have a total increase to the refuse budget of an approximate 3%, which does not require a change in the current millage rate.

Personnel Summary	2015 Budget		2016 Budget		2017 Budget		2018 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Refuse & Recycling	0.25	0.2	0.2	0.3	0.2	0.3	0.28	0
<b>Total Department</b>	<b>0.25</b>	<b>0.2</b>	<b>0.2</b>	<b>0.3</b>	<b>0.2</b>	<b>0.3</b>	<b>0.28</b>	<b>0</b>

- Operating Budget History**



# Refuse Fund

## Special Revenue Funds Sanitation

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 226 Refuse Fund</b>								
<b>REVENUES</b>								
Department: 000 Revenue								
Business Unit: 226 Revenues								
226.000.00.000								
Tax Revenues	\$ 4,595,925	\$ 4,733,992	\$ 4,773,120	\$ 4,775,540	\$ 4,918,360	2.99%	\$ 4,969,720	\$ 5,014,560
Federal Grants	139,142	-	-	-	-	0.00%	-	-
Charges for Services	6,590	8,630	6,000	8,000	-	-100.00%	-	-
Interest and rents	14,940	30,676	14,000	14,000	14,000	0.00%	14,000	14,000
<b>Total Revenues</b>	<b>4,756,597</b>	<b>4,773,298</b>	<b>4,793,120</b>	<b>4,797,540</b>	<b>4,932,360</b>	<b>2.81%</b>	<b>4,983,720</b>	<b>5,028,560</b>
<b>EXPENDITURES</b>								
Business Unit: 530 Refuse and Recycling								
226.530.00.530								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	4,437,425	4,347,891	4,803,000	4,805,000	4,950,000	3.02%	5,049,000	5,193,440
<b>Business Unit Total: Refuse And Recycling</b>	<b>4,437,425</b>	<b>4,347,891</b>	<b>4,803,000</b>	<b>4,805,000</b>	<b>4,950,000</b>	<b>3.02%</b>	<b>5,049,000</b>	<b>5,193,440</b>
Business Unit: 531 Other Refuse Expenditures								
226.530.00.531								
Personal Services	5,522	10,136	9,910	11,590	34,150	194.65%	34,900	35,690
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	101,073	115,777	100,820	107,610	108,530	0.85%	109,530	110,540
<b>Business Unit Total: Other Refuse Expenditures</b>	<b>106,596</b>	<b>125,913</b>	<b>110,730</b>	<b>119,200</b>	<b>142,680</b>	<b>19.70%</b>	<b>144,430</b>	<b>146,230</b>



# Refuse Fund

## Special Revenue Funds Sanitation

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 532 Recycling</b>								
226.530.00.532								
Personal Services	43,599	22,732	13,100	25,780	10,130	-60.71%	10,360	10,610
Supplies	9,053	11,614	9,700	16,100	16,100	0.00%	16,100	16,100
Other Service Charges	9,937	9,759	8,450	13,570	13,490	-0.59%	13,500	13,510
<b>Business Unit Total: Recycling</b>	<b>62,590</b>	<b>44,105</b>	<b>31,250</b>	<b>55,450</b>	<b>39,720</b>	<b>-28.37%</b>	<b>39,960</b>	<b>40,220</b>
<b>Total Expenditures</b>	<b>4,606,610</b>	<b>4,517,909</b>	<b>4,944,980</b>	<b>4,979,650</b>	<b>5,132,400</b>	<b>3.07%</b>	<b>5,233,390</b>	<b>5,379,890</b>
<b>Surplus/(Use) of Fund Balance</b>	<b>149,987</b>	<b>255,389</b>	<b>(151,860)</b>	<b>(182,110)</b>	<b>(200,040)</b>	<b>9.85%</b>	<b>(249,670)</b>	<b>(351,330)</b>
Beginning Fund Balance	580,583	730,570	985,959	985,959	834,099	-15.40%	634,059	384,389
<b>Ending Fund Balance</b>	<b>\$ 730,570</b>	<b>\$ 985,959</b>	<b>\$ 834,099</b>	<b>\$ 803,849</b>	<b>\$ 634,059</b>	<b>-21.12%</b>	<b>\$ 384,389</b>	<b>\$ 33,059</b>

**Special Revenue Funds**

# Transit Center

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 234 Transit Center Fund</b>								
<b>REVENUES</b>								
Department: 000 Revenue								
Business Unit: 234 Transit Center								
234.000.00.000								
Charges for Services - Amtrak	61,463	49,189	85,590	82,480	82,550	0.08%	84,200	85,750
Interest and rents	6,000	-	-	-	-	0.00%	-	-
Other Revenue	-	9,515	-	-	-	0.00%	-	-
<b>Total Revenues</b>	<b>67,463</b>	<b>58,704</b>	<b>85,590</b>	<b>82,480</b>	<b>82,550</b>	<b>0.08%</b>	<b>84,200</b>	<b>85,750</b>
<b>EXPENDITURES</b>								
Business Unit: 234 Sponsored Costs								
234.234.00.234								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	2,503	77	-	-	-	0.00%	-	-
<b>Business Unit Total: Sponsored Costs</b>	<b>2,503</b>	<b>77</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>
Business Unit: 265 Building Maintenance								
234.265.00.265								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	1,753	3,262	6,700	5,740	5,830	1.57%	6,520	6,630
Other Service Charges	55,753	51,015	71,750	69,600	70,150	0.79%	71,110	72,550
<b>Business Unit Total: Building Maintenance</b>	<b>57,505</b>	<b>54,277</b>	<b>78,450</b>	<b>75,340</b>	<b>75,980</b>	<b>0.85%</b>	<b>77,630</b>	<b>79,180</b>

**Special Revenue Funds**

# Transit Center

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 285 Grounds Maintenance</b>								
234.285.00.285								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	350	-	-	-	-	0.00%	-	-
Other Service Charges	3,608	5,191	7,140	7,140	6,570	-7.98%	6,570	6,570
<b>Business Unit Total: Grounds Maintenance</b>	<b>3,957</b>	<b>5,191</b>	<b>7,140</b>	<b>7,140</b>	<b>6,570</b>	<b>-7.98%</b>	<b>6,570</b>	<b>6,570</b>
<b>Total Expenditures</b>	<b>63,966</b>	<b>59,544</b>	<b>85,590</b>	<b>82,480</b>	<b>82,550</b>	<b>0.08%</b>	<b>84,200</b>	<b>85,750</b>
<b>Surplus/(Use) of Fund Balance</b>	<b>3,497</b>	<b>(840)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>
Beginning Fund Balance	21,000	24,497	23,657	23,657	23,657	0.00%	23,657	23,657
<b>Ending Fund Balance</b>	<b>\$ 24,497</b>	<b>\$ 23,657</b>	<b>\$ 23,657</b>	<b>\$ 23,657</b>	<b>\$ 23,657</b>	<b>0.00%</b>	<b>\$ 23,657</b>	<b>\$ 23,657</b>

**Special Revenue Funds  
General Government**

## Budget Stabilization

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 257 Budget Stabilization</b>								
<b>REVENUES</b>								
257.000.00.000								
Interest Income	4,740	24,324	12,000	12,000	12,000	0.00%	12,000	12,000
<b>EXPENDITURES</b>								
257.966.00.966								
<b>Other Financing Uses</b>								
Transfers Out for Budget Stabilization	-	-	-	-	-	0.00%	-	-
<b>Surplus/(Use) of Fund Balance</b>	<b>4,740</b>	<b>24,324</b>	<b>12,000</b>	<b>12,000</b>	<b>12,000</b>	<b>0.00%</b>	<b>12,000</b>	<b>12,000</b>
Beginning Fund Balance	1,534,139	1,538,879	1,563,203	1,563,203	1,575,203	0.77%	1,587,203	1,599,203
<b>Ending Fund Balance</b>	<b>\$ 1,538,879</b>	<b>\$ 1,563,203</b>	<b>\$ 1,575,203</b>	<b>\$ 1,575,203</b>	<b>\$ 1,587,203</b>	<b>0.76%</b>	<b>\$ 1,599,203</b>	<b>\$ 1,611,203</b>

**Special Revenue Funds  
Public Safety**

## Drug Forfeiture

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 265 Drug Forfeiture</b>								
<b>REVENUES</b>								
265.000.00.000								
Fines and Forfeitures	\$ 280,508	\$ 92,185	\$ 235,000	\$ 101,000	\$ 175,000	73.27%	\$ 100,000	\$ 101,000
Interest and rents	-	11,230	4,000	-	4,000	100.00%	-	-
<b>Total Revenues</b>	<b>280,508</b>	<b>103,415</b>	<b>239,000</b>	<b>101,000</b>	<b>179,000</b>	<b>77.23%</b>	<b>100,000</b>	<b>101,000</b>
<b>EXPENDITURES</b>								
265.321.00.321								
Operating Supplies	87,291	48,311	37,000	102,000	102,000	0.00%	99,900	99,900
<b>Other Financing Uses</b>								
Transfers Out to Capital	63,786	-	232,500	202,500	172,500	-14.81%	13,000	40,000
<b>Total Expenditures and Other Uses</b>	<b>151,077</b>	<b>48,311</b>	<b>269,500</b>	<b>304,500</b>	<b>274,500</b>	<b>-9.85%</b>	<b>112,900</b>	<b>139,900</b>
<b>Surplus/(use) or Fund Balance</b>	<b>129,431</b>	<b>55,104</b>	<b>(30,500)</b>	<b>(203,500)</b>	<b>(95,500)</b>	<b>-53.07%</b>	<b>(12,900)</b>	<b>(38,900)</b>
Beginning Fund Balance	554,034	683,465	738,569	738,569	708,069	-4.13%	612,569	599,669
<b>Ending Fund Balance</b>	<b>\$ 683,465</b>	<b>\$ 738,569</b>	<b>\$ 708,069</b>	<b>\$ 535,069</b>	<b>\$ 612,569</b>	<b>14.48%</b>	<b>\$ 599,669</b>	<b>\$ 560,769</b>

# LIBRARY

Library Director | Cathy Russ

The mission of the Troy Public Library is to be the community's collection of knowledge and entertainment, a personal resource for lifeline learning, and a vibrant space for all.

## DEPARTMENT FUNCTION

### Technical Services

- » Orders and invoices new materials
- » Catalogs materials
- » Processes materials
- » Maintains and updates inventory
- » Runs acquisition and fund reports
- » Monitors collection budget spending
- » Acquires supplies and equipment and maintains AV equipment
- » Cleans and repairs print and AV material
- » Discards and recycles library materials
- » Receives and routs deliverables

### Circulation Services

- » Collects and reports statistics
- » Administers the automation system
- » Circulates materials
- » Collects fines from patrons
- » Registers borrowers
- » Staffs telephone reception desk
- » Coordinates statewide delivery service
- » Acts as concierge for library services

### Administrative and Support Services

- » Prepares and administers the department budgets
- » Evaluates and implements the Strategic Plan
- » Recommends and implements policies
- » Coordinates and evaluates activities of staff
- » Develops programs and priorities
- » Coordinates and administers grants
- » Serves as liaison to Friends of the Library
- » Represents, promotes and markets the library to the community
- » Implements new collections, programs and services
- » Evaluates and recommends new software and hardware
- » Compiles, maintain and analyzes statistics
- » "Serves as liaison to the Suburban Library Cooperative"
- » Serves as a liaison to City departments
- » Coordinates staff development
- » Provides bookkeeping service
- » Plans and conducts patron education of software and databases
- » Develops web pages, blogs, wikis and associated technologies
- » Collects and reports statistics
- » Promotes electronic resources

# LIBRARY (CONT.)

Library Director | Cathy Russ

## DEPARTMENT FUNCTION (CONT.)

### Youth Services

- » Maintains a current collection of print and AV material for children
- » Advises patrons in choosing materials
- » Assists students in locating materials
- » Teaches basic research methods
- » Oversees the youth computer area and Tech Farm, offering search strategy instructions
- » Plans and presents a variety of programs for children and families
- » Develops cooperative programs with schools and community groups, providing visits to schools for storytelling and tours of the library
- » Creates bibliographies and displays
- » Implements a summer reading program
- » Compiles list of recommended titles to feature on library's website
- » Manages the special needs collection
- » Shelves all materials
- » Collects and reports statistics
- » Extends volunteer opportunities for students
- » Educates patrons on use of databases and research methods

### Teen Services

- » Performs reference and information retrieval
- » Educates patrons on use of databases and research methods
- » Coordinates teen multicultural services
- » Advises patrons in selection of print and AV materials
- » Manages teen social media
- » Serves as liaison with high schools, vocational schools, colleges and the Teen Advisory Board
- » Teen Advisory Board
- » Plans and conducts teen programming
- » Creates displays and shelves materials
- » Performs collection management
- » Compiles lists of recommended titles to feature on library's website

### Adult Services

- » Performs reference and information searches for patrons in person, electronically and by telephone
- » Maintains a current collection of print and audiovisual materials for adults
- » Teaches patrons how to access downloadable digital resources (eBooks, magazines, music)
- » Plans, coordinates and promotes adult programs
- » adult programs
- » Advises patrons in choosing materials
- » Coordinates book discussion groups
- » Performs collection management
- » Shelves materials
- » Creates displays
- » Maintains periodicals
- » Coordinates interlibrary loans
- » Coordinates adult multi-cultural services and the international collection
- » Provides outreach services to homebound patrons
- » Educates patrons on use of databases, and software, and research methods
- » Compiles list of recommended titles to feature on library's webpage
- » Manages public Internet access and database use
- » Maintains public events calendar
- » Assists public in reserving meeting rooms
- » Promotes electronic resources
- » Troubleshoots library and patron computer hardware and software issues
- » Assists visually-impaired patrons
- » Coordinates Adult Services volunteers

## Library

**PERFORMANCE INDICATORS**

Performance Indicator	2014/15 Actual	2015/16 Actual	2016/17 Projected	2017/18 Budget
Annual Library Visits	452,881	455,000	455,000	455,000
Items Circulated	1,277,785	1,280,000	1,280,000	1,280,000
Program Attendance	27,204	28,000	29,000	35,000
New Library Cards Added	5,256	5,259	5,300	10,000
Total Number Library Cards	50,203	55,282	55,500	57,000
Electronic Resources Usage	96,130	98,000	100,000	108,000
Annual Visits/Capita	5.59	5.62	5.65	5.65
Annual Circulation/Capita	16	16	16	16
Hits on Library Website	628,511	374,958	40,000	400,000
Social Media Followers	2,986	3,100	3,750	4,000
Number of Library Volunteers	175	175	175	175

**Notes on Performance Indicators**

- Circulation and visits to the Library was flat this year. However, eBook checkouts continues to rise. People are using the Library remotely more frequently, via the mobile app and the website. Program attendance has frequently, via the mobile app and the website. Program attendance has also increased.
- Home and business usage of the Library's electronic resources (databases, eBooks) has increased, which could also account for the slight decrease in in-person visits.



Library

**SUMMARY OF BUDGET CHANGES**

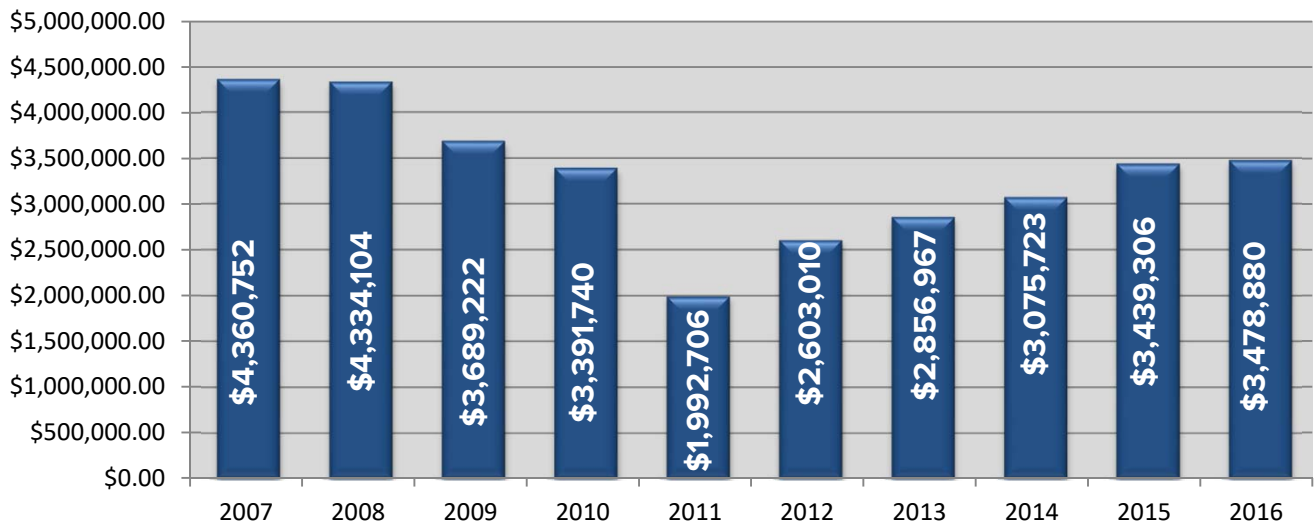
- **Significant Notes - 2017/18 Budget Compared to 2016/17 Budget**
  - Critical building repairs continue, in the fourth year of the 5 year building improvement plan.
  - Youth Services area will receive new carpeting and paint.

**Personal Service**

Personal Service increase is largely due to the ongoing yearly increase in the minimum wage.

Personnel Summary	2015 Budget		2016 Budget		2017 Budget		2018 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Library	8.5	31.7	8.5	32.8	9.5	30.3	10.5	30.9
<b>Total Department</b>	<b>8.5</b>	<b>31.7</b>	<b>8.5</b>	<b>32.8</b>	<b>9.5</b>	<b>30.3</b>	<b>10.5</b>	<b>30.9</b>

● **Operating Budget History**



# Library

## Special Revenue Funds

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 271 Library</b>								
<b><u>REVENUES</u></b>								
<b>Department: 000</b>								
<b>Revenue</b>								
<b>Business Unit: 721</b>								
<b>Planning</b>								
271.000.00.000								
Tax Revenues	\$ 3,004,907	\$ 3,083,735	\$ 3,115,922	\$ 3,122,410	\$ 3,210,790	2.83%	\$ 3,243,980	\$ 3,273,630
State Grant Revenues	47,684	52,954	26,652	25,000	25,000	0.00%	25,000	25,000
Local Contributions	163,629	171,283	173,282	172,000	172,000	0.00%	172,000	172,000
Charges for Services	40,155	23,944	28,035	30,000	28,060	-6.47%	28,060	28,060
Fines and Forfeitures	122,042	107,710	110,000	120,000	110,000	-8.33%	110,000	110,000
Interest and rents	12,166	42,941	21,500	11,500	10,500	-8.70%	21,500	21,500
Other Revenues	51,313	4,654	26,000	10,000	5,000	-50.00%	5,000	5,000
<b>Total Revenues</b>	<b>3,441,896</b>	<b>3,487,221</b>	<b>3,501,391</b>	<b>3,490,910</b>	<b>3,561,350</b>	<b>2.02%</b>	<b>3,605,540</b>	<b>3,635,190</b>
<b><u>EXPENDITURES</u></b>								
<b>Business Unit: 271</b>								
<b>Library</b>								
<b>Expenditures for Operations</b>								
271.790.00.790								
Personal Services	1,742,417	1,819,157	1,935,280	1,987,610	2,094,500	5.38%	2,138,540	2,183,530
Supplies	95,480	104,672	112,000	97,500	114,000	16.92%	114,000	114,000
Other Service Charges	825,191	806,080	863,270	853,510	908,665	6.46%	902,549	919,530
<b>Total Operating Expenditures</b>	<b>2,663,088</b>	<b>2,729,909</b>	<b>2,910,550</b>	<b>2,938,620</b>	<b>3,117,165</b>	<b>6.08%</b>	<b>3,155,089</b>	<b>3,217,060</b>

# Library

## Special Revenue Funds

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Other Financing Uses</b>								
271.790.00.790								
Office Equipment	-	-	-	-	-	0.00%	-	-
Library Collection and Capital Expenditures	776,218	748,970	797,360	780,290	745,000	-4.52%	776,600	595,000
<b>Total Expenditures</b>	<b>3,439,306</b>	<b>3,478,880</b>	<b>3,707,910</b>	<b>3,718,910</b>	<b>3,862,165</b>	<b>3.85%</b>	<b>3,931,689</b>	<b>3,812,060</b>
<b>Surplus/(Use) of Fund</b>								
<b>Balance</b>	<b>2,590</b>	<b>8,341</b>	<b>(206,519)</b>	<b>(228,000)</b>	<b>(300,815)</b>	<b>31.94%</b>	<b>(326,149)</b>	<b>(176,870)</b>
Beginning Fund Balance	1,455,225	1,457,815	1,466,156	1,466,156	1,259,637	-14.09%	958,822	632,673
<b>Ending Fund Balance</b>	<b>\$ 1,457,815</b>	<b>\$ 1,466,156</b>	<b>\$ 1,259,637</b>	<b>\$ 1,238,156</b>	<b>\$ 958,822</b>	<b>-22.56%</b>	<b>\$ 632,673</b>	<b>\$ 455,803</b>

**Special Revenue Funds  
Community Development**

## Community Development Block Grant

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 280 COMMUNITY DEVELOPMENT BLOCK GRANT</b>								
<b><u>REVENUES</u></b>								
280.000.00.000 Federal Grants	\$ 56,941	\$ 239,282	\$ 82,000	\$ 287,500	\$ 193,000	-32.87%	\$ 43,000	\$ 43,000
<b><u>EXPEDITURES</u></b>								
<b>Business Unit: 733 Home Chore Program 280.733.00.733</b>								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	38,136	30,802	42,000	42,000	43,000	2.38%	43,000	43,000
<b>Business Unit Total: Home Chore Program</b>	<b>38,136</b>	<b>30,802</b>	<b>42,000</b>	<b>42,000</b>	<b>43,000</b>	<b>2.38%</b>	<b>43,000</b>	<b>43,000</b>

**Special Revenue Funds  
Community Development**

## Community Development Block Grant

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 735 CDBG Administration</b>								
280.735.00.735								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	-	-	-	-	-	0.00%	-	-
<b>Business Unit Total: CDBG Administration</b>	-	-	-	-	-	<b>0.00%</b>	-	-
<b>Business Unit: 736 Park Pathway</b>								
280.736.00.736								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	-	-	-	-	-	0.00%	-	-
<b>Business Unit Total: Local Guard Rails &amp; Posts</b>	-	-	-	-	-	<b>0.00%</b>	-	-

**Special Revenue Funds  
Community Development**

## Community Development Block Grant

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 737 S/A Project Paving</b> 280.737.00.737								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	-	-	-	-	-	0.00%	-	-
<b>Business Unit Total: S/A Project Paving</b>	-	-	-	-	-	0.00%	-	-
<b>Business Unit: 738 Minor Home Repair</b> 280.738.00.738								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	-	-	-	-	-	0.00%	-	-
<b>Business Unit Total: Minor Home Repair</b>	-	-	-	-	-	0.00%	-	-

**Special Revenue Funds  
Community Development**

## Community Development Block Grant

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 739 Architectural Barriers</b>								
280.739.00.739								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	18,805	81,750	-	-	-	0.00%	-	-
Transfers to Capital	-	-	-	183,000	-	-100.00%	-	-
<b>Business Unit Total: Architectural Barriers</b>	<b>18,805</b>	<b>81,750</b>	<b>-</b>	<b>183,000</b>	<b>-</b>	<b>-100.00%</b>	<b>-</b>	<b>-</b>

**Special Revenue Funds  
Community Development**

## Community Development Block Grant

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 745 CDBG Tree Planting</b>								
280.745.00.745								
Personal Services	-	-	4,500	-	-	0.00%	-	-
Supplies	-	-	5,000	-	-	0.00%	-	-
Other Service Charges	-	-	500	22,500	-	-100.00%	-	-
<b>Business Unit Total: Section 36 Storm Sewer</b>	-	-	10,000	22,500	-	-100.00%	-	-
<b>Business Unit: 741 Other Financing Uses</b>								
280.741.00.741								
Other Service Charges	-	126,730	30,000	40,000	150,000	275.00%	-	-
<b>Business Unit Total: 741 Other Financing Uses</b>	-	126,730	30,000	40,000	150,000	275.00%	-	-
<b>Total Expenditures</b>	56,941	239,282	82,000	287,500	193,000	-32.87%	43,000	43,000
<b>Surplus/(Use) of Fund Balance</b>	-	-	-	-	-	0.00%	-	-
<b>Beginning Fund Balance</b>	-	-	-	-	-		-	-
<b>Ending Fund Balance</b>	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -



# Cemetery Fund

**Special Revenue Funds  
General Government**

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 150 Cemetery Fund</b>								
<b><u>REVENUES</u></b>								
Department: 000 Revenue								
<b>Business Unit: 234 Transit Center</b>								
150.000.00.000								
Charges for Services	2,450	2,900	1,000	1,000	1,000	0.00%	1,000	1,000
Interest and rents	515	3,354	1,000	1,100	1,000	-9.09%	1,000	1,000
<b>Total Revenues</b>	<b>2,965</b>	<b>6,254</b>	<b>2,000</b>	<b>2,100</b>	<b>2,000</b>	<b>-4.76%</b>	<b>2,000</b>	<b>2,000</b>
<b><u>EXPENDITURES</u></b>								
<b>Business Unit: 150 Cemetery Costs</b>								
150.276.00.276								
Reimburse General Fund	1,565	-	2,000	2,100	2,000	-4.76%	2,000	2,000
<b>Surplus/(Use) of Fund Balance</b>	<b>1,400</b>	<b>6,254</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>
Beginning Fund Balance	208,268	209,668	215,922	215,922	215,922	0.00%	215,922	215,922
<b>Ending Fund Balance</b>	<b>\$ 209,668</b>	<b>\$ 215,922</b>	<b>\$ 215,922</b>	<b>\$ 215,922</b>	<b>\$ 215,922</b>	<b>0.00%</b>	<b>\$ 215,922</b>	<b>\$ 215,922</b>

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# Debt Service

**Legal Debt Limits**

**Legal Debt Limits**

Section 11.1 of the Troy City Charter enumerates the borrowing power of the City. It states that City Council may, by proper ordinance or resolution, subject to the applicable provisions of law and this Charter, authorize the borrowing of money for any purpose within the scope of the powers vested in the City and the issuance of bonds of the City or other evidences of indebtedness therefore, and may pledge the full faith, credit and resources of the City for the payment of the obligation created thereby.

The Charter states that no bonds shall be sold to obtain funds for any purpose other than that for which they were specifically authorized, and if any such bonds are not sold within five years after authorization, such authorization shall be null and void.

Section 11.2 of the Troy City Charter provides for borrowing in anticipation of special assessments. The City Council may authorize the borrowing of money, subject to the applicable provisions of law and this Charter, in anticipation of the payment of special assessments made for the purpose of defraying the cost of any public improvement, or in anticipation of the payment of any combination of such special assessments, and the issuing of bonds therefore.

Such special assessment bonds may be an obligation of the special assessment district or districts and a general obligation of the City for which the full faith and credit of the City may be pledged.

Section 11.9 of the Troy City Charter provides limits on borrowing authority. No limits are established on the power of the City to borrow, except those established by the laws of this state.

The statutory debt limits of net bonded indebtedness incurred for all public purposes shall not at any one time exceed 10% of the assessed valuation of taxable property in the City \$4,614,557,538 except that this limit may be exceeded by 3/8ths of 1% in case of fire, flood or any other calamity. This limitation does not include bonds issued in anticipation of the payment of special assessments, nor bonds issued pursuant to court order for sewerage or garbage disposal systems.

The Michigan State Bond Act provides that the total debt in special assessment bonds, which would require that the City pledge its faith and credit, shall not exceed 12% of assessed valuation of taxable property of the City, nor shall such bonds be issued in any calendar year in excess of 3% unless voted.

The following is the computation of legal debt margin for the City of Troy

	Annual Net Debt	% of State Equalization Value	Legal Maximum Debt	Legal Debt Margin
General Obligation Debt	\$ 38,773,892	10%	\$ 461,455,754	\$ 422,681,862
Emergency Bonds	-	3/8%	17,304,591	17,304,591
Special Assessment Bonds	-	12%	553,746,905	553,746,905
<b>Total Debt</b>	<b>\$ 38,773,892</b>		<b>\$ 1,032,507,249</b>	<b>\$ 993,733,357</b>

### Debt Summary

#### **DEBT SERVICE**

(Does not include debt serviced by **Enterprise Funds**)

Description of Debt	Debt			
	Outstanding 6/30/2017	2018 Principal and Interest		
		Principal	Interest	Total
Proposal A - Streets	\$ 3,365,000	\$ 760,000	\$ 129,550	\$ 889,550
Proposal B - Public Safety	4,520,000	1,060,000	156,250	1,216,250
Proposal C - Recreation	2,515,000	595,000	101,250	696,250
Series 2013 - DDA	14,165,000	260,000	671,263	931,263
North Arm Relief Drain	216,248	52,436	4,276	56,712
George W. Kuhn Drain	1,354,124	182,984	32,292	215,276
<b>Total Debt Service</b>	<b>\$ 26,135,372</b>	<b>\$ 2,910,420</b>	<b>\$ 1,094,881</b>	<b>\$ 4,005,301</b>

#### **TAX-SUPPORTED, DDA CAPTURE AND CAPITAL PROJECT FUND DEBT SERVICE**

General Debt Tax Debt Service	2013/14 Actual	2014/15 Actual	2015/16 Actual	2016/17 Estimated	2017/18 Budget
Proposal A - Streets	\$ 881,018	\$ 950,275	\$ 914,563	\$ 903,150	\$ 890,350
Proposal B - Public Safety	1,375,225	1,334,225	1,391,250	1,355,600	1,216,600
Proposal C - Rec. Facilities	745,900	753,050	722,600	717,100	696,300
<b>Total General Debt</b>	<b>\$ 3,002,143</b>	<b>\$ 3,037,550</b>	<b>\$ 3,028,413</b>	<b>\$ 2,975,850</b>	<b>\$ 2,803,250</b>

DDA Capture Debt Service	2013/14 Actual	2014/15 Actual	2015/16 Actual	2016/17 Estimated	2017/18 Budget
2013 Series - DDA	-	958,688	951,013	941,900	931,500

Capital Projects Debt Service	2013/14 Actual	2014/15 Actual	2015/16 Actual	2016/17 Estimated	2017/18 Budget
North Arm Relief	\$ 56,970	\$ 57,136	\$ 56,684	\$ 56,880	\$ 56,720
George W. Kuhn	218,880	218,587	218,900	215,860	215,280
MTF Rochester Road	264,050	-	-	-	-
<b>Total Capital Projects Debt</b>	<b>\$ 539,900</b>	<b>\$ 275,723</b>	<b>\$ 275,584</b>	<b>\$ 272,740</b>	<b>\$ 272,000</b>

**Schedule of Principle and Interest  
General Debt Fund**

**GENERAL DEBT SERVICE FUND**

Fiscal Year	Proposal A Streets	Proposal B Public Safety	Proposal C Recreation Facilities	Interest	Total Tax-Financed Debt	Series 2013 DDA Financed Debt	Series 2013 Interest	Total DDA Financed Debt	Total General Debt Service
2018	760,000	1,060,000	595,000	387,050	2,802,050	260,000	671,263	931,263	3,733,313
2019	825,000	1,155,000	615,000	280,825	2,875,825	260,000	663,463	923,463	3,799,288
2020	840,000	1,150,000	640,000	164,025	2,794,025	260,000	654,363	914,363	3,708,388
2021	940,000	1,155,000	665,000	52,579	2,812,579	375,000	638,488	1,013,488	3,826,067
2022	-	-	-	-	-	440,000	618,113	1,058,113	1,058,113
2023	-	-	-	-	-	500,000	594,613	1,094,613	1,094,613
2024	-	-	-	-	-	600,000	567,113	1,167,113	1,167,113
2025	-	-	-	-	-	745,000	537,213	1,282,213	1,282,213
2026	-	-	-	-	-	900,000	499,813	1,399,813	1,399,813
2027	-	-	-	-	-	975,000	452,938	1,427,938	1,427,938
2028	-	-	-	-	-	1,250,000	403,563	1,653,563	1,653,563
2029	-	-	-	-	-	1,250,000	352,781	1,602,781	1,602,781
2030	-	-	-	-	-	1,250,000	294,188	1,544,188	1,544,188
3031	-	-	-	-	-	1,275,000	227,906	1,502,906	1,502,906
3032	-	-	-	-	-	1,275,000	160,969	1,435,969	1,435,969
3033	-	-	-	-	-	1,275,000	94,031	1,369,031	1,369,031
3034	-	-	-	-	-	1,275,000	30,274	1,305,274	1,305,274
<b>Total</b>	<b>\$ 3,365,000</b>	<b>\$ 4,520,000</b>	<b>\$ 2,515,000</b>	<b>\$ 884,479</b>	<b>\$ 11,284,479</b>	<b>\$ 14,165,000</b>	<b>\$ 7,461,092</b>	<b>\$ 21,626,092</b>	<b>\$ 32,910,571</b>

**Schedule of Principle and Interest  
General Debt Fund**

**CAPITAL PROJECTS FUNDS**

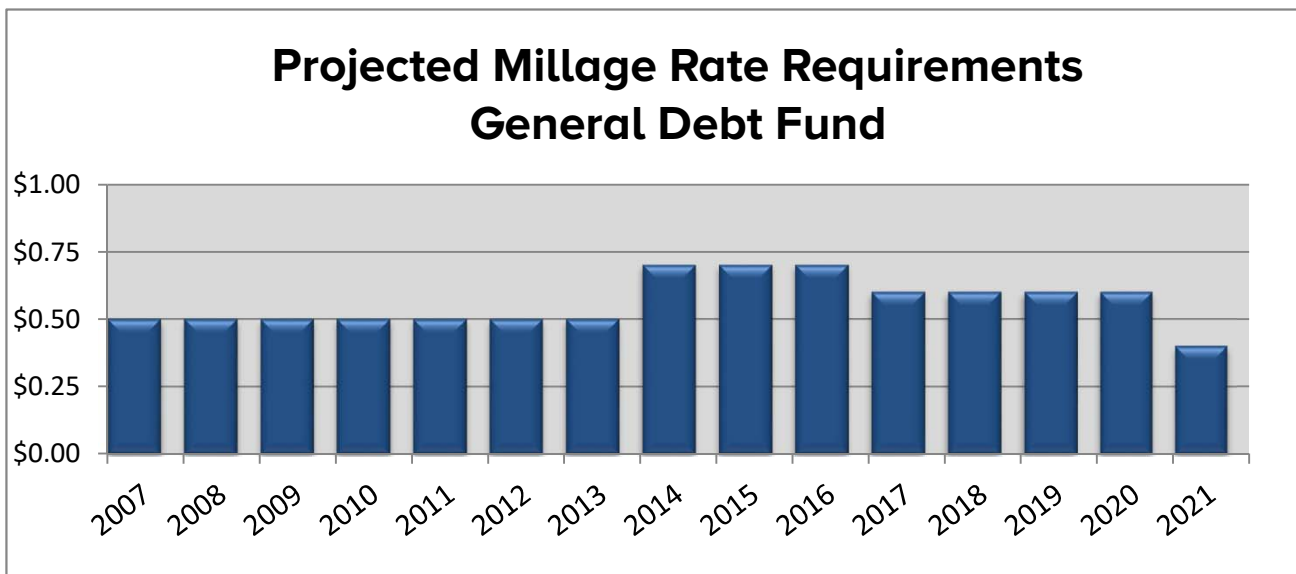
Fiscal Year	George W. Kuhn Drain	North Arm Relief Drain	Interest	Total Capital Debt
2018	182,984	52,436	36,568	271,988
2019	186,698	53,772	30,969	271,439
2020	191,051	55,108	25,249	271,408
2021	195,406	54,932	19,408	269,746
2022	200,145	-	14,080	214,225
2023	162,036	-	9,257	171,293
2024	164,407	-	5,320	169,727
2025	16,111	-	1,320	17,431
2026	16,477	-	960	17,437
2027	14,551	-	590	15,141
2028	14,531	-	250	14,781
2029	9,727	-	-	9,727
<b>Total</b>	<b>\$ 1,354,124</b>	<b>\$ 216,248</b>	<b>\$ 143,971</b>	<b>\$ 1,714,343</b>

**ENTERPRISE FUNDS**

Fiscal Year	Sanctuary Lake Golf Course	Interest	Total Enterprise Debt
2018	630,000	201,050	831,050
2019	725,000	184,350	909,350
2020	715,000	169,950	884,950
2021	700,000	155,800	855,800
2022	685,000	140,238	825,238
2023	770,000	122,050	892,050
2024	755,000	102,988	857,988
2025	840,000	83,050	923,050
2026	820,000	62,300	882,300
2027	850,000	39,300	889,300
2028	885,000	13,275	898,275
<b>Total</b>	<b>\$ 8,375,000</b>	<b>\$ 1,274,351</b>	<b>\$ 9,649,351</b>

**Schedule of Principal and Interest  
All Funds**

Fiscal Year	General Debt Service Fund	Capital Projects Fund	Enterprise Funds	Total
2018	3,733,313	271,988	831,050	4,836,351
2019	3,799,288	271,439	909,350	4,980,077
2020	3,708,388	271,408	884,950	4,864,746
2021	3,826,067	269,746	855,800	4,951,613
2022	1,058,113	214,225	825,238	2,097,576
2023	1,094,613	171,293	892,050	2,157,956
2024	1,167,113	169,727	857,988	2,194,828
2025	1,282,213	17,431	923,050	2,222,694
2026	1,399,813	17,437	882,300	2,299,550
2027	1,427,938	15,141	889,300	2,332,379
2028	1,653,563	14,781	898,275	2,566,619
2029	1,602,781	9,727	-	1,612,508
2030	1,544,188	-	-	1,544,188
2031	1,502,906	-	-	1,502,906
2032	1,435,969	-	-	1,435,969
2033	1,369,031	-	-	1,369,031
2034	1,305,274	-	-	1,305,274
<b>Total</b>	<b>\$ 32,910,571</b>	<b>\$ 1,714,343</b>	<b>\$ 9,649,351</b>	<b>\$ 44,274,265</b>



Bars represent estimated millage requirements as a result of bond issue Proposals A, B and C.

**Debt Service Funds  
Debt Service**

# Debt Service

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>FUND 301 GENERAL DEBT</b>								
<b>REVENUES</b>								
4402 Property Taxes	\$ 3,011,993	\$ 3,106,251	\$ 2,683,940	\$ 2,685,300	\$ 2,765,850	3.00%	\$ 2,794,470	\$ 2,820,060
4574.050 EMPP/PPEL	-	-	33,190	33,190	33,190	0.00%	33,190	33,190
4669.020 Interest Income	6,079	21,542	8,000	11,000	8,000	-27.27%	8,000	8,000
<b>Total Revenues</b>	<b>3,018,072</b>	<b>3,127,793</b>	<b>2,725,130</b>	<b>2,729,490</b>	<b>2,807,040</b>	<b>2.84%</b>	<b>2,835,660</b>	<b>2,861,250</b>
<b>EXPENDITURES</b>								
7801.010 Administrative Fees	59,900	61,500	60,500	60,500	61,500	1.65%	62,500	63,500
7964 Tax Refunds	5,036	14,149	8,000	8,000	8,000	0.00%	8,000	8,000
7998 Other Fees	1,000	-	-	-	-	0.00%	-	-
<b>Total Expenditures</b>	<b>65,936</b>	<b>75,649</b>	<b>68,500</b>	<b>68,500</b>	<b>69,500</b>	<b>1.46%</b>	<b>70,500</b>	<b>71,500</b>
<b>OTHER FINAINCING USES</b>								
8999.355 Transfer Out to Prop A	950,275	914,563	903,150	903,150	890,350	-1.42%	921,180	897,800
8999.356 Transfer Out to Prop B	1,334,225	1,391,250	1,355,600	1,355,600	1,216,600	-10.25%	1,266,800	1,214,800
8999.357 Transfer Out to Prop C	753,050	722,600	717,100	717,100	696,300	-2.90%	689,000	682,600
<b>Total Other Financing Uses</b>	<b>3,037,550</b>	<b>3,028,413</b>	<b>2,975,850</b>	<b>2,975,850</b>	<b>2,803,250</b>	<b>-5.80%</b>	<b>2,876,980</b>	<b>2,795,200</b>



**Debt Service Funds  
Debt Service**

# Debt Service

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Total Expenditures and Other Financing Uses</b>	<b>3,103,486</b>	<b>3,104,061</b>	<b>3,044,350</b>	<b>3,044,350</b>	<b>2,872,750</b>	<b>-5.64%</b>	<b>2,947,480</b>	<b>2,866,700</b>
<b>Surplus/(Use) of Fund Balance</b>	<b>(85,414)</b>	<b>23,732</b>	<b>(319,220)</b>	<b>(314,860)</b>	<b>(65,710)</b>	<b>-79.13%</b>	<b>(111,820)</b>	<b>(5,450)</b>
Beginning Fund Balance	1,394,054	1,308,640	1,332,372	1,332,372	1,013,152	-23.96%	947,442	835,622
<b>Ending Fund Balance</b>	<b>\$ 1,308,640</b>	<b>\$ 1,332,372</b>	<b>\$ 1,013,152</b>	<b>\$ 1,017,512</b>	<b>\$ 947,442</b>	<b>-6.89%</b>	<b>\$ 835,622</b>	<b>\$ 830,172</b>
<b>FUND 355 PROPOSAL A BOND DEBT</b>								
<b>OTHER FINANCING SOURCES</b>								
4699.301 Transfer In - Gen. Debt Service	\$ 950,275	\$ 914,563	\$ 903,150	\$ 903,150	\$ 890,350	-1.42%	\$ 921,180	\$ 897,800
<b>EXPENDITURES</b>								
7991 Principal	740,000	730,000	745,000	745,000	760,000	2.01%	825,000	840,000
7995 Interest	209,525	183,813	157,350	157,350	129,550	-17.67%	95,375	57,000
7998 Other Fees	750	750	800	800	800	0.00%	805	800
<b>Total Expenditures</b>	<b>950,275</b>	<b>914,563</b>	<b>903,150</b>	<b>903,150</b>	<b>890,350</b>	<b>-1.42%</b>	<b>921,180</b>	<b>897,800</b>
<b>Surplus/(Use) of Fund Balance</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
<b>Ending Fund Balance</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.00%</b>	<b>\$ -</b>	<b>\$ -</b>

**Debt Service Funds  
Debt Service**

# Debt Service

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>FUND 356 PROPOSAL B</b>								
<b>BOND DEBT</b>								
<b><u>OTHER FINANCING SOURCES</u></b>								
4699.301 Transfer In - Gen. Debt Service	\$ 1,334,225	\$ 1,391,250	\$ 1,355,600	\$ 1,355,600	\$ 1,216,600	-10.25%	\$ 1,266,800	\$ 1,214,800
<b><u>EXPENDITURES</u></b>								
7991 Principal	1,025,000	1,130,000	1,150,000	1,150,000	1,060,000	-7.83%	1,155,000	1,150,000
7995 Interest	308,975	261,000	205,300	205,300	156,250	-23.89%	111,475	64,425
7998 Other Fees	250	250	300	300	350	16.67%	325	375
<b>Total Expenditures</b>	<b>1,334,225</b>	<b>1,391,250</b>	<b>1,355,600</b>	<b>1,355,600</b>	<b>1,216,600</b>	<b>-10.25%</b>	<b>1,266,800</b>	<b>1,214,800</b>
<b>Surplus/(Use) of Fund</b>								
<b>Balance</b>	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
<b>Ending Fund Balance</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.00%</b>	<b>\$ -</b>	<b>\$ -</b>

**Debt Service Funds  
Debt Service**

# Debt Service

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>FUND 357 PROPOSAL C BOND DEBT</b>								
<b><u>OTHER FINANCING SOURCES</u></b>								
4699.301 Transfer In - Gen. DS	\$ 753,050	\$ 722,600	\$ 717,100	\$ 717,100	\$ 696,300	-2.90%	\$ 689,000	\$ 682,600
<b><u>EXPENDITURES</u></b>								
7991 Principal	590,000	580,000	595,000	595,000	595,000	0.00%	615,000	640,000
7995 Interest	163,050	142,600	122,075	122,075	101,250	-17.06%	73,975	42,600
7998 Other Fees	-	-	25	25	50	100.00%	25	-
<b>Total Expenditures</b>	<b>753,050</b>	<b>722,600</b>	<b>717,100</b>	<b>717,100</b>	<b>696,300</b>	<b>-2.90%</b>	<b>689,000</b>	<b>682,600</b>
<b>Surplus/(Use) of Fund Balance</b>	-	-	-	-	-	0.00%	-	-
<b>Beginning Fund Balance</b>	-	-	-	-	-	0.00%	-	-
<b>Ending Fund Balance</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.00%</b>	<b>\$ -</b>	<b>\$ -</b>

**Debt Service Funds  
Debt Service**

# Debt Service

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>FUND 358 SERIES 2013 DDA</b>								
<b>REVENUES</b>								
4676.248 Charges to DDA	958,688	951,013	941,900	941,900	931,500	-1.10%	923,700	914,600
<b>OTHER FINANCING SOURCES</b>								
4698 Bond Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -
4698.100 Bond Premiums	-	-	-	-	-	0.00%	-	-
4699.301 Transfer from DDA	-	-	-	-	-	0.00%	-	-
<b>Total Revenues and Other Sources</b>	<b>958,688</b>	<b>951,013</b>	<b>941,900</b>	<b>941,900</b>	<b>931,500</b>	<b>-1.10%</b>	<b>923,700</b>	<b>914,600</b>
<b>EXPENDITURES</b>								
7991 Principal	260,000	260,000	260,000	260,000	260,000	0.00%	260,000	260,000
7995 Interest	698,563	690,763	681,663	681,663	671,263	-1.53%	663,463	654,363
8999.394 Transfer to DDA	-	-	-	-	-	0.00%	-	-
7998 Other Fees	125	250	237	237	237	0.00%	237	237
<b>Total Expenditures</b>	<b>958,688</b>	<b>951,013</b>	<b>941,900</b>	<b>941,900</b>	<b>931,500</b>	<b>-1.10%</b>	<b>923,700</b>	<b>914,600</b>
<b>Surplus/(Use) of Fund Balance</b>	-	-	-	-	-	<b>0.00%</b>	-	-
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
<b>Ending Fund Balance</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.00%</b>	<b>\$ -</b>	<b>\$ -</b>



WE WANT EVERYONE  
TO CHOOSE TROY



# Capital Projects

**Capital Projects Fund Summary**

**CAPITAL PROJECTS FUND**

- ***Operating Budget History***

The City of Troy uses a Capital Projects Fund to account for development, improvement and repair of capital facilities as well as to purchase vehicles and equipment not financed by other funds.

Receipt and disbursement of resources to be utilized for the construction or acquisition of Capital facilities, and performance of activities financed by governmental funds, is accounted for by Capital funds.

Receipts for such purposes arise from Capital operating millage, the sale of general obligation bonds, grants from other governmental units, transfers from other funds or gifts from individuals or organizations.

The reason for creating a fund to account for Capital projects, vehicles and equipment is to provide a formal mechanism that enables administrators to ensure revenues dedicated to a certain purpose are used for that purpose and no other.

This fund enables administrators to report to creditors and other grantors of Capital Projects Fund resources that their requirements regarding the use of the resources were met.

As with all governmental funds, the Capital Projects Fund concentrates on inflows and outflows of available, spendable resources. Therefore, the Capital Projects Fund uses the modified accrual basis of accounting.

The administrator of the Capital Projects Fund has the authority to continue expenditures within prescribed limits until a project is completed.

(\*) Indicates significant non-recurring capital projects budgeted

The following is a breakdown of the planned

- ***Major Streets***                      **\$ 7,070,360**
  - Major renovation of Major and County Roads throughout the City including:
    - √ Wattles, John R. to Dequindre
    - √ John R-Long Lake to South Blvd.
    - √ Somerset Apartments Phase 1
- ***Local Streets***                      **\$ 3,480,000**
  - √ Concrete Slab Replacement
  - √ Asphalt Mill and Overlay
- ***Fire Department***                  **\$ 1,160,000**
  - (\*) Includes partial funding of rebuild of Fire Station #4
  - √
- ***Drains***                                  **\$ 500,000**
  - √ Includes Sylvan Glen Phase III
- ***Library***                                **\$ 745,000**
  - √ Includes Library Materials Collection
- ***Parks***                                  **\$ 1,260,000**
  - √ (\*) Trails and Pathways
  - √ (\*) Dog Park and City Farm Improvements
- ***City Buildings***                      **\$ 600,000**
  - √ City Entry-Way Signage
  - √ (\*) Court Building Roof

**Capital Projects Fund Summary**

**CAPITAL PROJECTS FUND**

- **Taxes**

This source of revenue is derived by multiplying the capital projects millage rate by the taxable value of the city.

- **State grants**

This source of revenue is comprised of grants from the State of Michigan, to be used mainly for road construction projects

- **Contributions - Local**

This source of revenue is comprised of County road funds.

- **Charges for Service**

Charges for service are made up of services rendered in conjunction with the City’s sidewalk replacement program and concrete street maintenance.

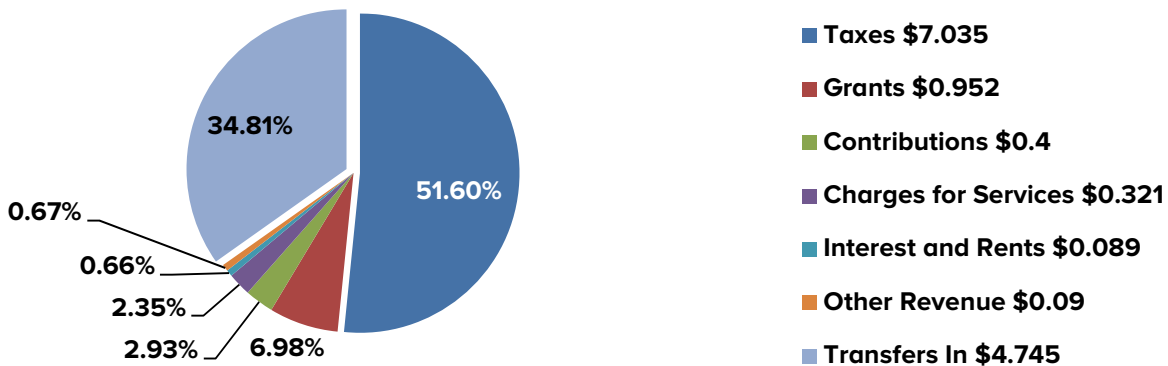
- **Interest and Rents**

Interest income generated from invested funds of the Capital Projects Fund and communication tower rental income are contained within this source of revenue.

- **Transfers In**

This source of revenue contains operating transfers from the Major Street and Local Street Funds and other funds to fund select projects.

**Capital Projects Revenue (Millions)**





**Capital Outlay  
Detail**

# Capital Projects Fund

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>REVENUES</b>								
<b>Fund: 401 Capital Projects</b>								
<b>Department: 000 CP Revenues</b>								
401.000.00.000								
Taxes	6,574,245	6,771,668	6,827,600	6,831,080	7,035,290	2.99%	7,107,960	7,172,860
Grants	3,552,895	2,926,580	853,000	1,717,250	952,000	-44.56%	2,000,000	2,000,000
Contributions	7,590	715,161	914,000	944,510	400,000	-57.65%	400,000	400,000
Charges for Services	393,804	198,682	489,350	345,000	321,000	-6.96%	321,000	321,000
Interest and Rents	80,211	176,417	89,600	105,000	89,600	-14.67%	89,600	89,600
Other Revenue	658,700	550,071	905,000	200,000	90,910	-54.55%	35,000	-
<b>Business Unit Total: Revenue</b>	<b>11,267,445</b>	<b>11,338,580</b>	<b>10,078,550</b>	<b>10,142,840</b>	<b>8,888,800</b>	<b>-12.36%</b>	<b>9,953,560</b>	<b>9,983,460</b>

**Capital Outlay  
Detail**

# Capital Projects Fund

252

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>OTHER FINANCING SOURCES</b>								
Transfers In:	0	0	-	-	-	0.00%	-	-
General Fund:						0.00%		
Street Project - Troy Roads Rock	3,450,000	6,200,000	2,600,000	2,600,000	-	-100.00%	-	-
Fire Station #4 Rebuild	1,850,000	625,000	1,788,860	1,788,860	-	-100.00%	-	-
Fire Truck - Pumper #4	-	585,000	-	-	-	0.00%	-	-
Police Fencing	-	-	280,000	280,000	-	-100.00%	-	-
Major Streets	1,673,000	1,700,000	2,500,000	2,500,000	2,500,000	0.00%	2,500,000	2,500,000
Local Streets	-	1,000,000	500,000	500,000	1,000,000	100.00%	1,000,000	1,000,000
Drug Forfeiture Fund	63,786	-	232,500	202,500	172,500	-14.81%	13,000	40,000
Library Fund	776,218	748,970	797,360	780,300	745,000	-4.52%	776,600	595,000
CDBG	-	126,730	30,000	223,000	150,000	-32.74%	-	-
LDFA	105,999	72,360	-	125,360	178,360	42.28%	53,000	53,000
Special Assessments	115,837	42,186	-	-	-	0.00%	-	-
<b>Business Unit Total:Other Sources</b>	<b>8,034,840</b>	<b>11,100,246</b>	<b>8,728,720</b>	<b>9,000,020</b>	<b>4,745,860</b>	<b>-47.27%</b>	<b>4,342,600</b>	<b>4,188,000</b>
<b>Total Revenues and Other Sources</b>	<b>19,302,285</b>	<b>22,438,826</b>	<b>18,807,270</b>	<b>19,142,860</b>	<b>13,634,660</b>	<b>-28.77%</b>	<b>14,296,160</b>	<b>14,171,460</b>

**Capital Outlay  
Detail**

# Capital Projects Fund

253

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>EXPENDITURES</b>								
<b>Department: City Manager</b>								
Business Unit: 172 City Manager								
Building Improvements	-	16,799	-	-	-	0.00%	-	-
General Equipment	-	49,194	-	-	-	0.00%	-	-
Communications Equipment	-	-	-	13,000	-	-100.00%	-	-
Office Equipment and Furniture	18,413	10,920	-	-	-	0.00%	-	-
<b>Total City Manager</b>	<b>18,413</b>	<b>76,914</b>	<b>-</b>	<b>13,000</b>	<b>-</b>	<b>-100.00%</b>	<b>-</b>	<b>-</b>
<b>Department: Finance</b>								
Business Unit: 253 Treasurer								
Tax Refunds	11,616	30,925	15,000	17,000	15,000	-11.76%	15,000	15,000
<b>Total Treasurer</b>	<b>11,616</b>	<b>30,925</b>	<b>15,000</b>	<b>17,000</b>	<b>15,000</b>	<b>-11.76%</b>	<b>15,000</b>	<b>15,000</b>
<b>Total Finance Department</b>	<b>11,616</b>	<b>30,925</b>	<b>15,000</b>	<b>17,000</b>	<b>15,000</b>	<b>-11.76%</b>	<b>15,000</b>	<b>15,000</b>
<b>Department: Clerk</b>								
Business Unit: 262 Elections								
General Equipment-Elections	-	5,694	-	174,000	174,000	0.00%	-	-
<b>Total City Clerk</b>	<b>-</b>	<b>5,694</b>	<b>-</b>	<b>174,000</b>	<b>174,000</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>

**Capital Outlay  
Detail**

# Capital Projects Fund

254

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Department: City Buildings</b>								
Business Unit: 264 Buildings								
Fire/Police Training Center								
Building Improvements	-	55,950	-	-	-	0.00%	30,000	-
General Equipment	30,005	-	-	-	-	0.00%	-	-
City Hall								
Entry Way Signage and Landscaping	-	-	-	-	150,000	100.00%	-	-
EEBG Wind Spires	-	-	-	-	-	0.00%	-	-
Multi Module Transit Center	1,640,729	3,187,854	-	-	-	0.00%	-	-
EEBG LED Lighting	-	-	-	-	-	0.00%	-	-
Transportation Center	14,924	-	-	-	-	0.00%	-	-
City Hall HVAC	-	-	-	-	-	0.00%	-	-
City Hall Boiler	-	-	-	-	-	0.00%	-	-
Emergency Repairs	52,992	-	-	-	-	0.00%	-	-
Administrative Building	-	-	-	-	-	0.00%	-	-
City Hall Building Improvements	-	-	-	800,000	-	-100.00%	-	-
General Improvements	-	29,867	30,000	30,000	30,000	0.00%	30,000	-
District Court								
Reserve/Court Bldg	89,998	-	-	-	420,000	100.00%	-	-
<b>Total City Buildings</b>	<b>1,828,648</b>	<b>3,273,670</b>	<b>30,000</b>	<b>830,000</b>	<b>600,000</b>	<b>-27.71%</b>	<b>60,000</b>	<b>-</b>

**Capital Outlay  
Detail**

# Capital Projects Fund

255

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Department: Police</b>								
Business Unit: 301 Police								
Police Administration								
Land Improvements Civic Center	-	-	280,000	280,000	-	-100.00%	-	-
Building Improvements - Office/Garage	-	35,969	-	-	-	0.00%	-	-
Building Improvements - Gun Range	-	-	50,000	50,000	-	-100.00%	-	40,000
General Equipment	55,892	-	-	-	-	0.00%	-	-
General Equipment - Training	-	33,982	-	-	-	0.00%	-	-
Equipment - Federal Drug Forfeiture	-	-	-	-	-	0.00%	-	-
Forfeitures	-	-	-	-	-	0.00%	-	-
Police Road Patrol								
General Equipment	-	-	-	-	-	0.00%	-	-
Equipment - Federal Drug Forfeiture	-	-	10,000	10,000	-	-100.00%	13,000	-
Vehicle Equipment	-	-	-	-	-	0.00%	150,000	150,000
Police Communications								
Building Improvements - Office/Garage	-	33,222	-	25,000	-	-100.00%	-	-
Building Improvements - General Repair	-	-	95,000	95,000	-	-100.00%	-	-
General Equipment	-	-	-	-	-	0.00%	-	-
911 System	-	-	165,000	165,000	-	-100.00%	-	-
Equipment - Federal Drug Forfeiture	-	-	172,500	172,500	172,500	0.00%	-	-
Computers	-	-	-	-	-	0.00%	-	-
Network Equipment	-	-	-	-	75,000	100.00%	65,000	-

**Capital Outlay  
Detail**

# Capital Projects Fund

256

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
Computer Software	63,786	25,526	80,000	80,000	77,000	-3.75%	-	-
Computer Aided Dispatch	-	38,240	-	-	-	0.00%	40,000	-
CAD Equipment	-	-	-	-	-	0.00%	-	-
Radio Communications	-	-	-	-	-	0.00%	-	-
<b>Total Police Department</b>	<b>119,677</b>	<b>166,940</b>	<b>852,500</b>	<b>877,500</b>	<b>324,500</b>	<b>-63.02%</b>	<b>268,000</b>	<b>190,000</b>
<b>Department: Fire</b>								
Business Unit: 336 Fire								
Land Acquisition	181,702	18,391	-	-	-	0.00%	-	-
Land Improvements - Memorials	-	-	-	-	-	0.00%	100,000	-
General Building Improvements	-	-	13,800	50,000	90,000	80.00%	-	-
General Equipment	-	-	-	-	-	0.00%	-	900,000
Vehicles	-	47,876	-	-	-	0.00%	-	-
Apparatus Replacement	8,147	572,094	-	-	-	0.00%	800,000	825,000
Communication Equipment	-	-	-	-	-	0.00%	-	-
Opticom Enhancements	-	-	-	-	70,000	100.00%	70,000	70,000
Fire Station One	30,092	-	-	-	-	0.00%	-	-
Station Two	-	-	-	-	-	0.00%	-	65,000
Station Three	-	-	-	-	-	0.00%	-	-
Station Four	-	140,005	2,924,730	3,924,730	1,000,000	-74.52%	-	-
Fire Station Five	-	-	-	-	-	0.00%	-	-
Station Six	23,135	8,985	-	-	-	0.00%	30,000	-
<b>Total Fire Department</b>	<b>243,075</b>	<b>787,350</b>	<b>2,938,530</b>	<b>3,974,730</b>	<b>1,160,000</b>	<b>-70.82%</b>	<b>1,000,000</b>	<b>1,860,000</b>

**Capital Outlay  
Detail**

# Capital Projects Fund

257

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Department: Streets</b>								
Business Unit: 448 Street Lighting								
General	75,888	49,776	50,000	50,000	50,000	0.00%	50,000	50,000
Business Unit: 479 Major Streets								
General Building Improvements	-	-	-	-	250,000	100.00%	-	-
General Equipment	94,898	66,894	30,000	30,000	45,000	50.00%	-	-
Maple Right Turn Lane at Coolidge	-	-	-	-	-	0.00%	-	-
Wattles at Rochester	-	-	-	-	-	0.00%	-	-
Dequindre from Long Lk to Auburn	70,560	145,670	200,000	300,000	200,000	-33.33%	400,000	-
John R from Long Lk - Square Lk	166,393	83,893	225,000	225,000	200,000	-11.11%	200,000	400,000
John R from Sq Lake to South Bld	421,731	138,193	225,000	225,000	200,000	-11.11%	200,000	400,000
Livernois from Long Lk to Sq Lk	-	-	-	-	-	0.00%	-	-
Roch from Barclay to Trinway	-	14,053	100,000	500,000	400,000	-20.00%	2,500,000	2,500,000
Livernois, Elmwood-Maple	-	-	-	-	-	0.00%	-	-
Coolidge at Golfview	-	-	-	-	-	0.00%	-	-
I-75 Bridge Project	3,360	-	-	-	-	0.00%	-	-
Rochester, Chopin to Larchwood	-	-	-	-	-	0.00%	-	-
Beach Road Pavement	-	-	-	-	-	0.00%	-	-
2011 Tri-Party CPR	-	-	-	-	-	0.00%	-	-
Crooks, Banmoor to Fountain	129,000	-	-	-	-	0.00%	-	-
Dequindre -South Blvd to Auburn	18	-	-	-	-	0.00%	-	-

**Capital Outlay  
Detail**

# Capital Projects Fund

258

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
2012 Tri-party	-	-	-	-	-	0.00%	-	-
Livernois, Big Beaver to Wattles	522	-	-	-	-	0.00%	-	-
14 Mile, Campbell to Stephenson	198	-	-	-	-	0.00%	-	-
Livernois, Long Lake to Avon	-	-	-	-	-	0.00%	-	-
Square Lake, Rochester to John R	-	-	-	-	-	0.00%	-	-
Square Lake, John R to Dequindre	-	-	-	-	-	0.00%	-	-
Tri-Party	-	-	-	-	-	0.00%	-	-
Square Lake, Livernois to Roch	-	-	-	-	-	0.00%	-	-
Wattles, Crooks to Livernois	-	670,373	-	-	-	0.00%	-	-
Wattles, Livernois to Rochester	-	503,732	-	-	-	0.00%	-	-
NHPP	-	-	-	-	-	0.00%	-	-
LDFA Concrete and Slab Replace	121,900	-	-	125,360	178,360	42.28%	53,000	53,000
Wattles, Coolidge to Crooks	-	554,740	-	-	-	0.00%	-	-
Long Lake, coolidge to Rochester	914,432	-	-	-	-	0.00%	-	-
Dequindre, 14 Mile to Big Beaver	460,528	-	-	-	-	0.00%	-	-
Tri-Party	-	-	-	-	-	0.00%	-	-
NHPP	-	-	-	-	-	0.00%	-	-
Big Beaver, Roch to Dequindre	1,108,621	-	-	-	-	0.00%	-	-
Long Lake, Mill/Overlay Adams to N. Pkwy	1,573,532	145,465	-	-	-	0.00%	-	-
Rochester, Elmwood to Maple	-	-	-	-	-	0.00%	-	-
Crooks, Wattles to Square Lake	66,715	-	-	-	-	0.00%	-	-



**Capital Outlay  
Detail**

# Capital Projects Fund

259

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
Wattles, Rochester to John R	-	5,049	770,000	750,000	-	-100.00%	-	-
Wattles, John r to Dequindre	-	2,350	-	-	950,000	100.00%	-	-
Big Beaver, Adams to Rochester	100,054	-	-	-	-	0.00%	-	-
John R, Maple to Long Lake	747,887	-	-	-	-	0.00%	-	-
2015 Tri-Party Funding	-	447,671	860,000	860,000	600,000	-30.23%	600,000	600,000
Various Skip Patch Projects	-	452,589	-	-	-	0.00%	-	-
Move X Troy - Smart Zone Xing	-	14,488	125,000	550,000	525,000	-4.55%	-	-
Square Lake, Adams to Coolidge	-	-	-	-	-	0.00%	-	950,000
Square Lake, Coolidge to Crooks	-	-	-	-	-	0.00%	-	-
South Blvd., Livernois to Rochester	-	588,810	390,000	393,000	-	-100.00%	-	-
I-75 Widening	-	-	-	600,000	-	-100.00%	-	-
Livernois, at South Blvd.	-	-	-	50,000	-	-100.00%	-	-
Wattles, Rouge River to Coolidge	-	-	450,000	400,000	-	-100.00%	-	-
Square Lake, Delphi to Livernois	-	-	475,000	400,000	-	-100.00%	-	-
Square Lake, Crooks to Livernois	-	-	-	-	-	0.00%	-	-
Square Lake, Coolidge to Crooks	-	-	-	-	-	0.00%	825,000	-
Adams, Long Lake to Square Lake	-	-	-	-	22,000	100.00%	-	-
Concrete Crack Sealing	52,614	67,341	100,000	100,000	-	-100.00%	-	-
Concrete Pavement Leveling	1,311,333	946,834	1,416,000	1,416,210	3,000,000	111.83%	2,000,000	1,000,000
Concrete Slab Replacement	1,143,674	3,273,919	400,000	400,000	500,000	25.00%	100,000	100,000
Long Lake from Carnaby to John R	-	-	-	-	-	0.00%	-	-
Crooks-Sq Lk to S Blvd	-	-	-	-	-	0.00%	-	-

**Capital Outlay  
Detail**

# Capital Projects Fund

260

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
Rochester from Torpey-Barclay	-	7,752	-	-	-	0.00%	-	-
Other Fees	-	-	-	-	-	0.00%	-	-
2000 MTF Bond	-	-	-	-	-	0.00%	-	-
<b>Total Major Streets</b>	<b>8,487,969</b>	<b>8,129,815</b>	<b>5,766,000</b>	<b>7,324,570</b>	<b>7,070,360</b>	<b>-3.47%</b>	<b>6,878,000</b>	<b>6,003,000</b>
<b>Business Unit: 499 Local Streets</b>								
Building Improvements	-	-	-	-	50,000	100.00%	-	-
General Equipment	-	-	-	-	-	0.00%	-	-
Parkton SAD	-	-	-	-	-	0.00%	-	-
Crack Sealing	119,886	105,026	50,000	50,000	-	-100.00%	-	-
Charnwood Hills Phse 1 Chip Seal	-	-	-	-	-	0.00%	-	-
Troywood SAD	-	-	-	-	-	0.00%	-	-
Local Road Asphalt	-	-	550,000	-	1,930,000	100.00%	1,960,000	1,850,000
Concrete Slab Replacement	5,375,011	8,889,563	4,075,000	4,625,000	1,500,000	-67.57%	1,500,000	1,500,000
<b>Total Local Streets</b>	<b>5,494,898</b>	<b>8,994,589</b>	<b>4,675,000</b>	<b>4,675,000</b>	<b>3,480,000</b>	<b>-25.56%</b>	<b>3,460,000</b>	<b>3,350,000</b>
<b>Business Unit: 513 Sidewalks</b>								
CDBG Projects	-	-	-	76,000	-	-100.00%	-	-
New Construction	26,864	18,867	50,000	50,000	10,000	-80.00%	10,000	10,000
Replacement Program	715,425	421,166	450,000	450,000	490,000	8.89%	490,000	490,000
<b>Total Sidewalks</b>	<b>742,289</b>	<b>440,034</b>	<b>500,000</b>	<b>576,000</b>	<b>500,000</b>	<b>-13.19%</b>	<b>500,000</b>	<b>500,000</b>
<b>Business Unit: 516 Drains</b>								

**Capital Outlay  
Detail**

# Capital Projects Fund

261

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
Lovington	-	-	-	-	-	0.00%	-	-
Streambank Stabilization	-	-	-	-	-	0.00%	-	-
Section 4 Weir Structure	-	-	-	-	-	0.00%	-	-
Aquatic Center Pond	259,714	1,640	-	-	-	0.00%	-	-
Drains and Retention Ponds	33,315	113,237	-	-	-	0.00%	-	-
Sylvan Glen Access Drive Culvert	55,645	659,589	670,000	140,000	500,000	257.14%	-	-
Saw Grant-Storm Sewer	212,721	695,784	327,000	327,000	-	-100.00%	-	-
Wattles over the Rouge	-	-	250,000	250,000	-	-100.00%	-	-
Lane Drain Phase 2	-	-	-	400,000	-	-100.00%	-	-
<b>Total Drains</b>	<b>561,395</b>	<b>1,470,251</b>	<b>1,247,000</b>	<b>1,117,000</b>	<b>500,000</b>	<b>-55.24%</b>	-	-
<b>Total Streets Department</b>	<b>15,362,439</b>	<b>19,084,464</b>	<b>12,238,000</b>	<b>13,742,570</b>	<b>11,600,360</b>	<b>-15.59%</b>	<b>10,888,000</b>	<b>9,903,000</b>
<b>Department: Public Works</b>								
Various Land Improvements	-	-	-	12,000	-	-100.00%	-	-
Municipal Parking Lots	226,340	-	350,000	350,000	160,000	-54.29%	100,000	100,000
Storage Building	1,279	-	-	-	-	0.00%	-	-
Fuel Island-DPW	-	-	-	-	-	0.00%	-	-
Roof Replacement	326,241	-	-	-	-	0.00%	-	100,000
General Repairs	151,723	-	-	20,000	50,000	150.00%	-	-
General	94,526	59,226	10,000	12,000	10,000	-16.67%	-	-
<b>Total Public Works Department</b>	<b>800,108</b>	<b>59,226</b>	<b>360,000</b>	<b>394,000</b>	<b>220,000</b>	<b>-44.16%</b>	<b>100,000</b>	<b>200,000</b>

**Capital Outlay  
Detail**

# Capital Projects Fund

262

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Department: Parks</b>								
Beach Road Park	-	-	-	-	100,000	100.00%	-	-
Brinston Park	-	-	-	-	-	0.00%	-	-
Flynn Park	-	-	-	-	-	0.00%	-	-
Barrier Free Project	-	126,730	30,000	40,000	-	-100.00%	-	-
City Farm Improvements	-	-	-	-	230,000	100.00%	-	-
Outdoor Education Center	-	-	-	-	-	0.00%	-	-
Various Land Improvements	-	89,504	150,000	150,000	50,000	-66.67%	50,000	-
Trails and Pathways	-	56,970	750,000	1,750,000	750,000	-57.14%	750,000	750,000
Dog Park	-	-	730,000	100,000	130,000	30.00%	30,000	-
Section 36 Pathways	-	-	-	-	-	0.00%	-	-
<b>Total Parks Department</b>	<b>-</b>	<b>273,204</b>	<b>1,660,000</b>	<b>2,040,000</b>	<b>1,260,000</b>	<b>-38.24%</b>	<b>830,000</b>	<b>750,000</b>
<b>Department: Recreation</b>								
Community Center Building Improvements	76,100	390,467	-	-	312,000	100.00%	150,000	255,000
Community Center Equipment	183,623	70,284	-	-	40,000	100.00%	20,000	25,000
<b>Total Recreation</b>	<b>259,723</b>	<b>460,751</b>	<b>-</b>	<b>-</b>	<b>352,000</b>	<b>100.00%</b>	<b>170,000</b>	<b>280,000</b>
<b>Department: Nature Center</b>								
Total Nature Center	-	32,888	-	-	-	0.00%	-	-
<b>Department: Library</b>								
Carpet/Tile Replacement	-	-	-	150,000	150,000	0.00%	-	-
General Repairs	143,593	118,977	217,360	220,600	-	-100.00%	181,600	-
Office Equipment and Furniture	40,079	62,108	-	-	-	0.00%	-	-

**Capital Outlay  
Detail**

# Capital Projects Fund

263

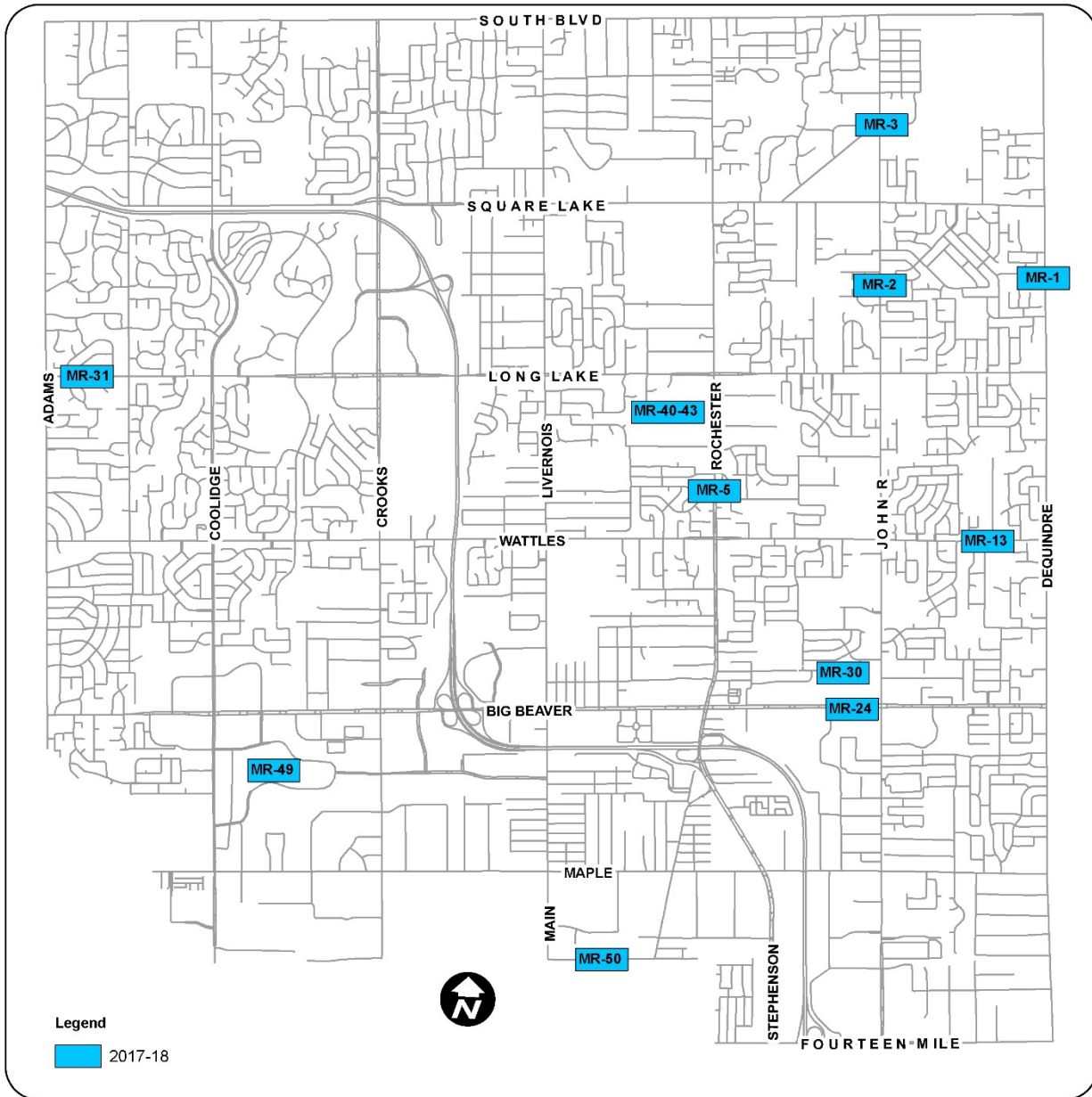
	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
Library Materials Collection	592,546	567,885	580,000	580,000	595,000	2.59%	595,000	595,000
<b>Total Library</b>	<b>776,218</b>	<b>748,970</b>	<b>797,360</b>	<b>950,600</b>	<b>745,000</b>	<b>-21.63%</b>	<b>776,600</b>	<b>595,000</b>
<b>Department: Historic Village</b>								
Historic Green Dev	45,000	-	-	-	-	0.00%	-	130,000
Barrier Free Project	-	-	-	107,000	-	-100.00%	-	-
General Repairs	100,870	2,950	25,000	25,000	541,000	2064.00%	25,000	25,000
<b>Total Historic Village</b>	<b>145,870</b>	<b>2,950</b>	<b>25,000</b>	<b>132,000</b>	<b>541,000</b>	<b>309.85%</b>	<b>25,000</b>	<b>155,000</b>
<b>Total Expenditures</b>	<b>19,565,788</b>	<b>25,003,946</b>	<b>18,916,390</b>	<b>23,145,400</b>	<b>16,991,860</b>	<b>-26.59%</b>	<b>14,132,600</b>	<b>13,948,000</b>
<b>Other Financing Uses</b>								
Information Technology	59,010	-	-	-	-	0.00%	-	-
Principal	217,182	222,716	228,788	228,788	234,269	2.40%	239,959	246,159
Interest	58,534	52,862	46,616	46,616	40,616	-12.87%	34,459	28,160
Other Fees	7	7	16	16	15	-6.25%	12	81
<b>Total Other Financing Uses</b>	<b>334,733</b>	<b>275,585</b>	<b>275,420</b>	<b>275,420</b>	<b>274,900</b>	<b>-0.19%</b>	<b>274,430</b>	<b>274,400</b>
<b>Total Expenditures and Other Uses</b>	<b>19,900,520</b>	<b>25,279,531</b>	<b>19,191,810</b>	<b>23,420,820</b>	<b>17,266,760</b>	<b>-26.28%</b>	<b>14,407,030</b>	<b>14,222,400</b>
<b>Surplus/(Use) of Fund Balance</b>	<b>(598,235)</b>	<b>(2,840,704)</b>	<b>(384,540)</b>	<b>(4,277,960)</b>	<b>(3,632,100)</b>	<b>-15.10%</b>	<b>(110,870)</b>	<b>(50,940)</b>
Beginning Fund Balance	14,430,784	13,832,549	10,991,845	10,991,845	10,607,305	-3.50%	6,975,205	6,864,335
<b>Ending Fund Balance</b>	<b>\$ 13,832,549</b>	<b>\$ 10,991,845</b>	<b>\$ 10,607,305</b>	<b>\$ 6,713,885</b>	<b>\$ 6,975,205</b>	<b>3.89%</b>	<b>\$ 6,864,335</b>	<b>\$ 6,813,395</b>

**Capital Outlay**

# Special Assessments

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>REVENUES</b>								
<b>Fund: 403 Special Assessments</b>								
<b>Department: 000 SA Revenues</b>								
403.000.00.000								
Interest and Rents	\$ 7,861	\$ 2,515	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -
Other Revenue	43,897	39,671	-	-	-	0.00%	-	-
<b>Business Unit Total: CP Revenue</b>	<b>51,758</b>	<b>42,186</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>
<b>OTHER FINANCING USES</b>								
403.896.00.896								
Transfers Out	115,837	42,186	-	-	-	0.00%	-	-
<b>Surplus/(Use) of Fund Balance</b>	<b>(64,079)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>
Beginning Fund Balance	64,079	(0)	(0)	(0)	(0)	0.00%	(0)	(0)
<b>Ending Fund Balance</b>	<b>\$ (0)</b>	<b>\$ (0)</b>	<b>\$ (0)</b>	<b>\$ (0)</b>	<b>\$ (0)</b>	<b>0.00%</b>	<b>\$ (0)</b>	<b>\$ (0)</b>

### Major Roads



**Major Roads**

**MAJOR ROADS 2017/18 BUDGET (401.447.479.7989)**

Map Number	Project Number	Project Name	Total Project Cost	Total City Cost	Other Sources	16/17 Amended Budget	16/17 Expenditure to 6/30/17	16/17 Balance at 6/30/17	Proposed 17/18 Budget	Comments
MR-1	02.202.5	Dequindre, Long Lake to Auburn	18,400,000	1,700,000	16,700,000	300,000	200,000	100,000	200,000	RCOC
MR-2	02.203.5	John R, Long Lake to Square Lake	9,000,000	1,800,000	7,200,000	225,000	225,000	-	200,000	Troy - \$180k 17 FF; \$160k 18 FF
MR-3	02.204.5	John R, Square Lake to South Blvd.	9,000,000	1,800,000	7,200,000	225,000	225,000	-	200,000	Troy - \$180k 17 FF; \$160k 18 FF
MR-5	02.206.5	Rochester, Barclay to Trinway	18,000,000	3,600,000	14,400,000	500,000	100,000	400,000	400,000	Troy - \$320k 18 FF
MR-24	13.107.5	LDFA Concrete Slab Replacement	53,000	-	53,000	125,360	-	125,360	178,360	LDFA - \$178k 18 (MAT)
MR-13	15.101.5	Wattles, Rochester to John R	750,000	750,000	-	750,000	770,000	(20,000)	-	-
MR-46	15.102.5	Wattles, John R to Dequindre	950,000	950,000	-	-	-	-	950,000	Mill & Overlay
MR-30	15.105.6	Tri-Party	600,000	200,000	400,000	860,000	860,000	-	600,000	TP - \$914k 17; \$400k 18
MR-30	15.108.6	Automation Alley/SmartZone Ped. Crossing	550,000	550,000	-	550,000	125,000	425,000	525,000	Move Across Troy
	15.116.5	South Blvd, Livernois to Rochester	3,500,000	1,009,000	2,491,000	393,000	390,000	3,000	-	-
	16.101.6	175 Widening	127,000,000	-	127,000,000	600,000	-	600,000	-	-
	16.102.6	Livernois at South Boulevard	1,000,000	100,000	900,000	50,000	-	50,000	-	-
	16.103.5	Wattles, Rouge River to Coolidge	450,000	450,000	-	450,000	450,000	-	-	-
	16.106.5	Square Lake, Delphi to Livernois	475,000	475,000	-	475,000	475,000	-	-	-
MR-31		Adams, Long Lake Intersection	97,000	22,000	75,000	-	-	-	22,000	w/ Bloomfield Township
MR-40	7975	DPW Renovations	50,000	50,000	-	-	-	-	50,000	By DPW
MR-41	7975	Streets Cold Storage Building Improvements	200,000	200,000	-	-	-	-	200,000	By DPW
	7978	Road Patcher/Recycler	30,000	30,000	-	30,000	30,000	-	-	-
MR-42	7978	Equipment Trailer	15,000	15,000	-	-	-	-	15,000	By DPW
MR-43	7978	Concrete Saw	30,000	30,000	-	-	-	-	30,000	By DPW
	7989.200	Crack Sealing Program	100,000	100,000	-	100,000	100,000	-	-	-
MR-49	7989.300	Industrial Road Maintenance	3,000,000	3,000,000	-	1,416,210	1,416,000	210	3,000,000	Somerset Park Apartments
MR-50	7989.500	Slab Replacement - Major Roads	500,000	500,000	-	400,000	400,000	-	500,000	By DPW
<b>TOTALS:</b>			<b>193,750,000</b>	<b>17,331,000</b>	<b>176,419,000</b>	<b>7,449,570</b>	<b>5,766,000</b>	<b>1,683,570</b>	<b>7,070,360</b>	
<b>Revenue (Federal Funds):</b>							<b>360,000</b>		<b>640,000</b>	
<b>Revenue (Tri-Party):</b>									<b>400,000</b>	
<b>Revenue (LDFA):</b>									<b>178,360</b>	



## Major Roads

Major Roads carry the highest volumes and distribute traffic between the various residential, industrial and business districts of the city. They provide for traffic movements into, out of and through the city at moderately high speeds. The City of Troy is responsible for the maintenance of approximately 25 miles of city major mile roads. An additional 32 miles of roads are classified under ACT 51 as Major Roads but are nominally termed "Industrial Roads" by the city and are funded within the Major Road fund.

Approximately 43 miles of major roads within the city are under the jurisdiction of the Road Commission for Oakland County (RCOC).

Projects in the Major Road fund generally fall into two categories:

- ◆ Reconstruction and Widening
- ◆ Maintenance

Reconstruction and widening projects are budgeted when federal funds become available. Federal funds provide up to 80% of the cost of these improvements and are typically used for capacity or safety projects. These types of projects provide for improved traffic flow, safety for motorists and pedestrians as well as improvements in access to property. Most of these projects have three (3) distinct phases and are budgeted accordingly to provide for design, right-of-way and ultimately construction over multiple years.

Maintenance projects are generally funded entirely with city funds and as such are smaller scale projects. Funds budgeted annually for maintenance activities include concrete slab replacement and asphalt pavement overlays. These fixes provide for an improved road surface as well as an increased life cycle for the pavement. Maintenance activities are typically completed in the year that they are budgeted.

### ***MR-1. Dequindre Road, Long Lake Road to Auburn Road (Reconstruction and Widening)***

This project will reconstruct and widen Dequindre Road, from Long Lake Road to Auburn Road from an existing 2-lane road to a new 5-lane concrete pavement. Included in the project are new traffic signals, concrete sidewalks and underground utilities where required. The project has been split into three (3) phases (with the respective construction year noted):

- ◆ Ranieri to Utica - completed in 2016
- ◆ Long Lake to Ranieri - 2017
- ◆ Utica to Auburn - 2018

Federal funds for the design and right-of-way phases have been obligated and are available. Federal funds for the construction phase are obligated in the respective year for construction. The local match will be split between the Cities of Troy, Rochester Hills, Sterling Heights, Shelby Township and the Road Commissions of Oakland County and Macomb County.

### ***MR-2. John R Road, Long Lake Road to Square Lake Road (Reconstruction and Widening)***

This project will reconstruct and widen John R Road, from Long Lake Road to Square Lake Road from an existing 2-lane road to a new 3-lane asphalt pavement. Included in the project are new traffic signals, concrete sidewalks and underground utilities where required.

## Major Roads

Federal funds for the design and right-of-way phases have been obligated and are available. Construction is approved for funding in 2018.

### ***MR-3. John R Road, Square Lake Road to South Boulevard (Reconstruction and Widening)***

This project will reconstruct and widen John R Road, from Square Lake Road to South Boulevard from an existing 2-lane road to a new 3-lane asphalt pavement. Included in the project are new traffic signals, concrete sidewalks and underground utilities where required.

Federal funds for the design and right-of-way phases have been obligated and are available. Federal funds for the construction phase have been approved in 2018.

### ***MR-5. Rochester Road, Barclay to Trinway (Reconstruction and Widening)***

This project will reconstruct and widen Rochester Road, from Barclay to Trinway from an existing 5-lane road to a new 6-lane concrete boulevard. Included in the project are new traffic signals, concrete sidewalks and underground utilities where required.

Federal funds for the design phase have been obligated and are available. The right-of-way and construction phases are approved for federal funding in 2019 and 2021 respectively.

### ***MR-13. Wattles Road, John R Road to Dequindre Road (Mill and Overlay)***

This project will provide for a new pavement surface to improve ride quality and extend service life. The existing asphalt pavement will be milled (ground off) and a new asphalt pavement surface will be placed, curbs will be replaced as needed and sidewalk ramps will be improved to comply with Americans with Disabilities Act requirements. This project will be paid for entirely with City funds.

### ***MR-24. LDFA – Big Beaver, Bellingham to John R (Concrete Slab Replacement)***

This work involves removal and replacement of failed concrete pavement to repair and extend the life of the pavement. Funds are budgeted by the Local Development Finance Authority (LDFA) to repair concrete pavement along Big Beaver and Bellingham. This project will be paid for entirely by LDFA funds. 2018 budgeted funds will be used to pay for a portion of the pedestrian crossing on Big Beaver at Autmoation Alley/SmartZone.

### ***MR-30. Automation Alley/SmartZone Pedestrian Crossing (Move Across Troy)***

Move Across Troy is a campaign to work with local business owners along Big Beaver to provide pedestrian crossings in the corridor to allow for pedestrians to cross in a safe and desirable location. The first project area is a crossing located near Bellingham on the south side and the Troy Sports complex on the north side. The new crossing will provide signalized pedestrian crossings, improvements in the median and at each corner.

## Major Roads

### ***MR-31. Adams-Long Lake Intersection (Pedestrian Improvements)***

Bloomfield Township is constructing a new safety path along the north side of Long Lake, from Bloomcrest to Adams which will connect to the existing sidewalks along Adams Road. As part of the project, the traffic signal and sidewalk ramps at Long Lake and Adams will be improved to comply with Americans with Disabilities Act requirements. The west side of the intersection is in Bloomfield Township while the east side is within Troy. The estimated cost for the entire project is \$1,000,000 with Troy's share at \$22,000.

### ***MR-40. DPW Renovations***

The DPW building was built in 1972 and has had one major renovation since then in 2001. The dynamics of the services offered at the DPW since the last renovation has changed and requires front desk and office reconfiguration. Changing dynamics include removing cubicle walls for a more collaborative environment, better service desk for customers, and a receiving window for goods.

### ***MR-41. Streets Cold Storage Building Improvements***

The current cold storage building, located in the back of the DPW yard, was built in 1974 and is beginning to deteriorate beyond repair. The DPW uses this building to store street signs, barricades, cement and various pieces of equipment. The new facility will allow for more efficient storage opportunities while keeping supplies and equipment in a secure, protected environment.

### ***MR-42. Equipment Trailer***

Trailers are used to transport equipment from the DPW yard to the job site for infrastructure maintenance and repair. The proposed trailer offers a tilt bed and heavier carrying capacity for better efficiency.

### ***MR-43. Concrete Saw***

The Streets and Drains Division is responsible for the maintenance and repair of the city's concrete and asphalt roads. The current concrete saw has exceeded its useful life and requires replacement. The new saw will have the ability to cut both concrete and asphalt using a diesel engine with the compliant emission standards.

## Major Roads

### ***MR-46. Tri-Party Concrete Pavement Replacement***

Tri-Party program funds are made available on an annual basis for projects on County roads within the city. The City is responsible for 1/3 of the program amount while the Board of Road Commissioners for the County of Oakland and the Oakland County Board of Commissioners is responsible for the remaining 2/3. 2016 Tri-Party funds have been reserved for a mill and overlay of South Boulevard, from Crooks to Livernois and concrete slab replacement on Maple, east and west of John R.

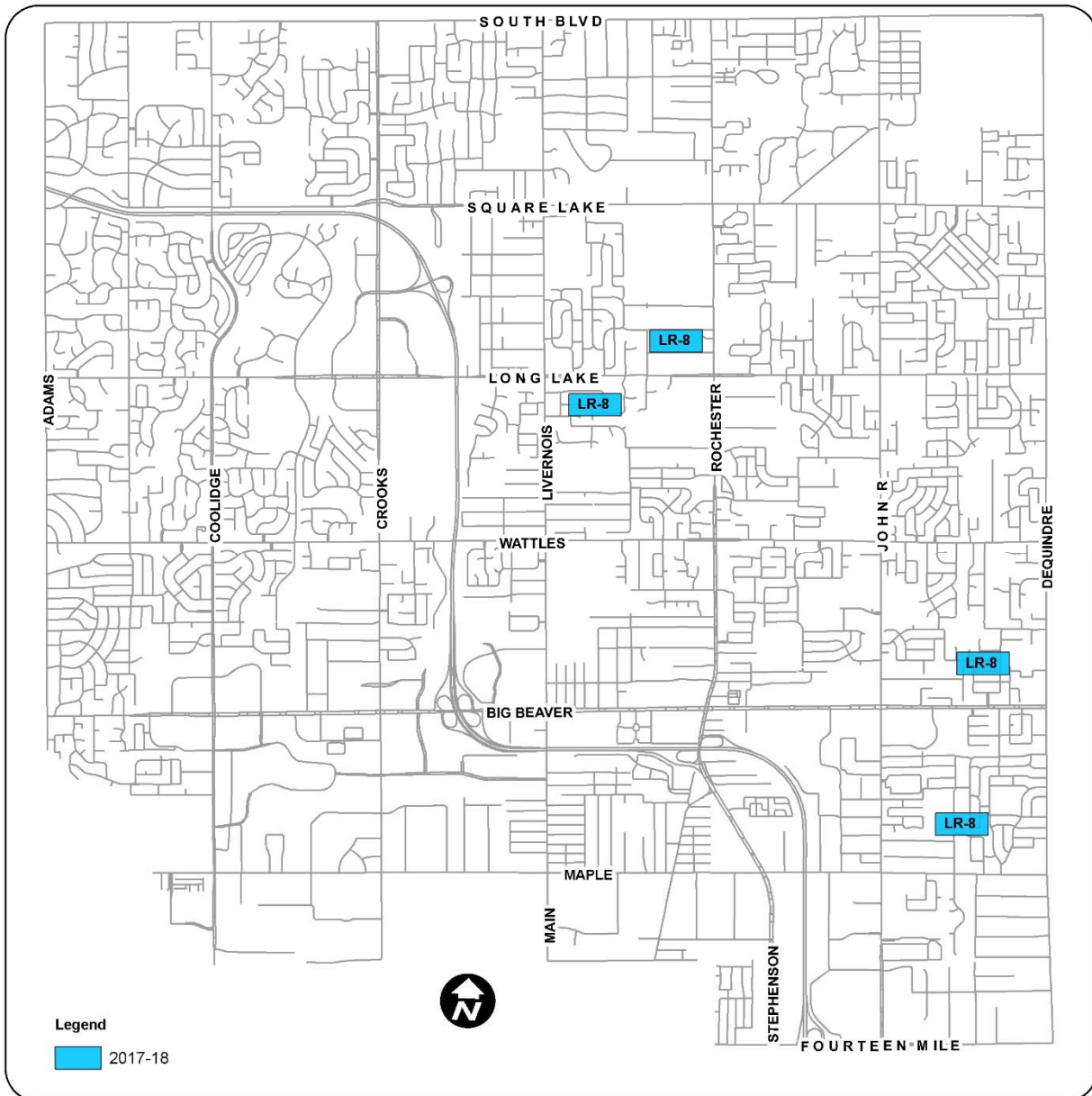
### ***MR-49. Industrial Road Maintenance***

Project locations are determined annually based on the City's Pavement Management System and field inspections, and are not typically delineated on the 6-year CIP map. This work involves removal and replacement of failed concrete pavement to repair and extend the life of the pavement or mill and overlay projects. An annual allocation is budgeted to complete this work and is targeted at industrial roads in the city. These projects will be paid for entirely by City funds. The 2017-18 and 2018-19 allocations have been established to remove and replace the existing roads in the Somerset Park Apartment complex.

### ***MR-50. Concrete Slab Replacement (Major Roads)***

Project locations are determined annually based on the City's Pavement Management System and field inspections, and are not typically delineated on the 6-year CIP map. This work involves removal and replacement of failed concrete pavement to repair and extend the life of the pavement. An annual allocation is budgeted to complete this work and is targeted at City major roads. These projects will be paid for entirely by City funds. The 2017-18 allocation has been established to remove and replace Elmwood, from Livernois to Rochester. The City of Clawson will also be participating in the project.

Local Roads



**Local Roads**

**LOCAL ROADS 2017/18 BUDGET (401.447.499.7989)**

Map Number	Project Number	Project Name	Total Project Cost	Total City Cost	Other Sources	16/17 Amended Budget	16/17 Expenditure to 6/30/17	16/17 Balance at 6/30/17	Proposed 17/18 Budget	Comments
	7989.500	Concrete Slab Replacement	4,100,000	4,100,000	-	4,100,000	4,075,000	25,000	-	By DPW
LR-1	7989.500	Concrete Slab Replacement	1,500,000	1,500,000	-	-	-	-	1,500,000	By DPW
	7989.500	Asphalt Pavement Overlay	550,000	5,500,000	-	525,000	550,000	(25,000)	-	Sec. 6 NW 1/4
LR-8	7989.400	Asphalt Pavement Overlay	1,930,000	1,930,000	-	-	-	-	1,930,000	Sec. 10, 15, 24 & 25
LR-14	7989	DPW Renovations	50,000	50,000	-	-	-	-	50,000	By DPW
	7989.120	Crack Sealing	50,000	50,000	-	50,000	50,000	-	-	
<b>TOTALS:</b>			<b>8,180,000</b>	<b>13,130,000</b>	<b>-</b>	<b>4,675,000</b>	<b>4,675,000</b>	<b>-</b>	<b>3,480,000</b>	

## Local Roads

The City of Troy is responsible for the maintenance of approximately 268 miles of local roads. Approximately 250 miles of these are subdivision streets of concrete or asphalt, 5 miles are chip seal and 4 miles are gravel roads. Approximately 2/3 of subdivision streets are concrete with the remaining 1/3 being asphalt. The remaining 9 miles are nominally termed by the city as "Industrial Roads", such as Naughton, Wheaton and Piedmont, that are classified as local because they do not meet the definition of a Major Road under Act 51.

Public Act 499 of 2002 established a ten member State Transportation Asset Management Council (TAMC). The law also required that the TAMC set up a process for determining the condition of Michigan's highways and bridges and develop a strategy so that those assets are maintained, preserved and improved in an efficient and cost-effective manner. The TAMC adopted the Pavement Surface and Evaluation Rating (PASER) system as its road condition survey reporting tool. The TAMC initially developed the strategy for Michigan's federal-aid eligible roads and bridges but, was extended to all public roads in the State. In order to prioritize road maintenance activities, the City is now using the PASER system. PASER is used statewide and is a "windshield" road rating system that uses a 1 to 10 rating scale, with a value of 10 representing a new road and a value of 1 representing a failed road. Condition ratings are assigned by visually identifying the type and amount of defects along a road segment while driving the segment. The PASER system translates these observations into a condition rating.

The TAMC established the following categories:

PASER ratings of 8-10 require routine maintenance, such as street sweeping, shoulder grading or crack sealing  
PASER ratings of 5-7 require capital preventative maintenance, such as concrete slab replacements or asphalt overlays.

PASER ratings of 1-4 require structural improvements, such as pulverizing or reconstruction that address the structural integrity of the road.

The City simplifies this system by grouping roads with a rating of 6 or higher as being in Good condition, 4 or 5 as Fair and 3 or less as Poor. Currently, 60 miles or 24% of local subdivision streets are rated a 5 or less.

Once PASER rating work is complete, analysis of the network is performed using Roadsoft Pavement Management software, which is available free to local agencies by the Center for Technology & Training (CTT) at Michigan Technological University. Roadsoft is used statewide by numerous road agencies including MDOT, most Counties and numerous local governments. Roadsoft uses the PASER condition ratings as a basis for the analysis. Specific maintenance procedures and their associated costs are established by the city based on city practice and experience. The software uses this data along with specific user defined information (such as budgetary limitations and timeframes) to generate an optimal mix of maintenance procedures and project future network conditions. The Pavement Management system is augmented by field reviews of the recommended areas as pavement conditions in areas can deteriorate faster or slower than anticipated based on numerous factors including weather, traffic, pavement thickness and previous maintenance.

Once this information is analyzed, project areas are developed based on geographic locations to complete repairs. This provides for economies of scale for these types of repairs within a specific section or area of the city. Streets outside these sections are repaired on an as needed basis.

Local road maintenance typically involves concrete slab replacements or asphalt pavement overlays.

## Local Roads

Paving of a local road is initiated by the residents living on the road. Residents on gravel roads can initiate a Special Assessment District (SAD) where the cost to pave the road is split by the benefitting properties and the city. Once the road has been paved, future maintenance costs are traditionally borne by the City and paid for through the local road fund.

### ***LR-1. Local Road Maintenance – Concrete Slab Replacement***

Concrete slab replacement removes and replaces spot sections of failed concrete pavement. Using PASER ratings in conjunction with our Roadsoft Pavement Management software and field verification, the Department of Public Works (DPW) identifies specific locations within sections throughout the City and prepares bid documents for concrete slab replacement work to be done by a contractor. Locations are determined annually based on updated PASER ratings so specific locations are not identified on the map. Local road concrete slab replacement is paid for entirely with City funds.

### ***LR-8. Asphalt Pavement Overlay (Section 10 SE 1/4; Sec. 15 NW 1/4; Sec. 24 S 1/2; and Sec. 25 SW 1/4)***

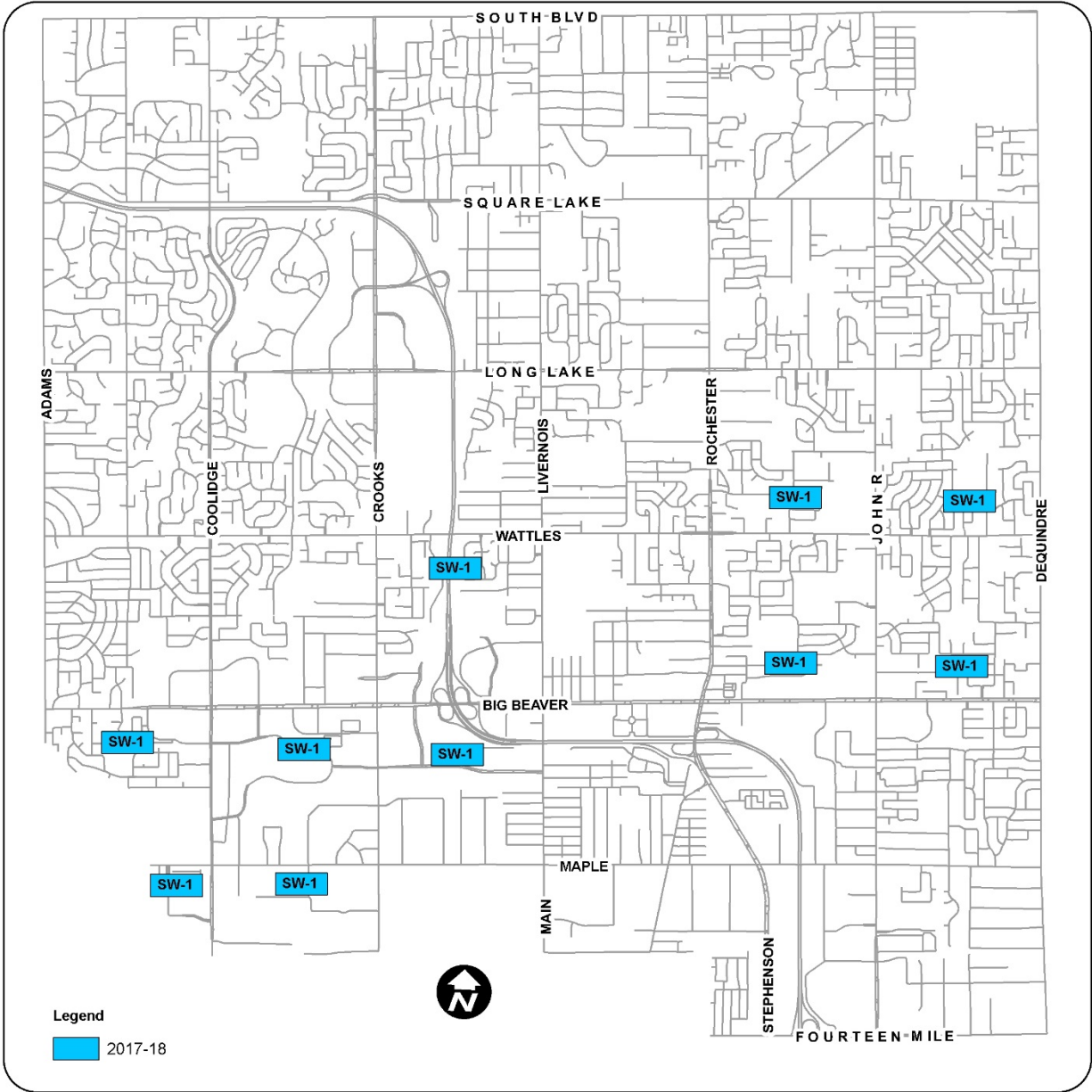
The local roads in the following areas will be targeted for asphalt pavement overlays: Section 10 - Sylvanwood, Trinway, Creston and Somerton; Section 15 - Belhaven, Wilton, Beldale, Choice Ct., Belzair & Dorshire; Section 24 - Eagle, Niagara, Pasadena, Avalon, Wolverine, Winter, Rowland and Orpington; Section 25 - Garry, Isabell, Vermont, Virginia, Milverton, Taylor and Castleton. It is anticipated that the project may include milling (grinding) of the existing pavement or pulverizing (crushing the existing pavement into a base material) and then placing a 1.5" to 3" asphalt overlay. This project will be paid for entirely by City funds.

### ***LR-14. DPW Renovations***

The DPW building was built in 1972 and has had one major renovation since then in 2001. The dynamics of the services offered at the DPW since the last renovation has changed and requires front desk and office reconfiguration. Changing dynamics include removing cubicle walls for a more collaborative environment, better service desk for customers, and a receiving window for goods.



# Sidewalks



**Sidewalks**

**SIDEWALKS 2017/18 BUDGET (401.447.513.7989)**

Map Number	Project Number	Project Name	Total Project Cost	Total City Cost	Other Sources	16/17 Amended Budget	16/17 Expenditure to 6/30/17	16/17 Balance at 6/30/17	Proposed 17/18 Budget	Comments
	7989.700	Residential	350,000	210,000	140,000	350,000	350,000	-	-	By DPW
SW-1	7989.700	Residential - Sec. 21, 28, 29, 30, 31 & 32	390,000	234,000	156,000	-	-	-	390,000	By DPW
SW-7	7989.700	Major Roads - Sec. 13, 14, 23 & 24	100,000	100,000	-	100,000	100,000	-	100,000	By DPW
SW-13	7989.650	New Construction	10,000	10,000	-	50,000	50,000	-	10,000	By DPW
<b>TOTALS:</b>			<b>850,000</b>	<b>554,000</b>	<b>296,000</b>	<b>500,000</b>	<b>500,000</b>	<b>-</b>	<b>500,000</b>	
<b>Revenue (Sidewalk Replacement Program):</b>							<b>140,000</b>		<b>156,000</b>	Paid by Resident for Sidewalk Repairs (40%)

## Sidewalks

The Department of Public Works is responsible for the sidewalk replacement program. The city is divided into 6 areas for major road sidewalk replacements and 12 areas for residential sidewalk replacements. These areas are reviewed annually and a sidewalk replacement list is prepared. Not all sidewalks in any one area are replaced, only those sections of sidewalk that do not meet current requirements are included as funding allows. The replacement program also upgrades sidewalks and ramps to comply with current Americans with Disabilities Act (ADA) requirements.

The sidewalk replacement program provides the property owner with the option of replacing the sidewalk themselves or having the replacement added to the City's list. The City of Troy hires a contractor to remove and replace these sections of sidewalks and the residents are billed for the work.

The annual budget amount for the sidewalk fund varies based on funds available from the overall Capital Fund. Funds are typically split between three categories: residential sidewalk replacement; major road sidewalk replacement; and new construction. These budgeted amounts will vary based on the overall Capital Fund for the City. Sidewalk funds are moved among these 3 areas in order to meet the annual needs of the sidewalk program.

### ***SW-1. Residential Sidewalk Replacements (Section 21, 28, 29, 30, 31 and 32)***

This project will be paid for entirely by City funds, with reimbursement by property owners.

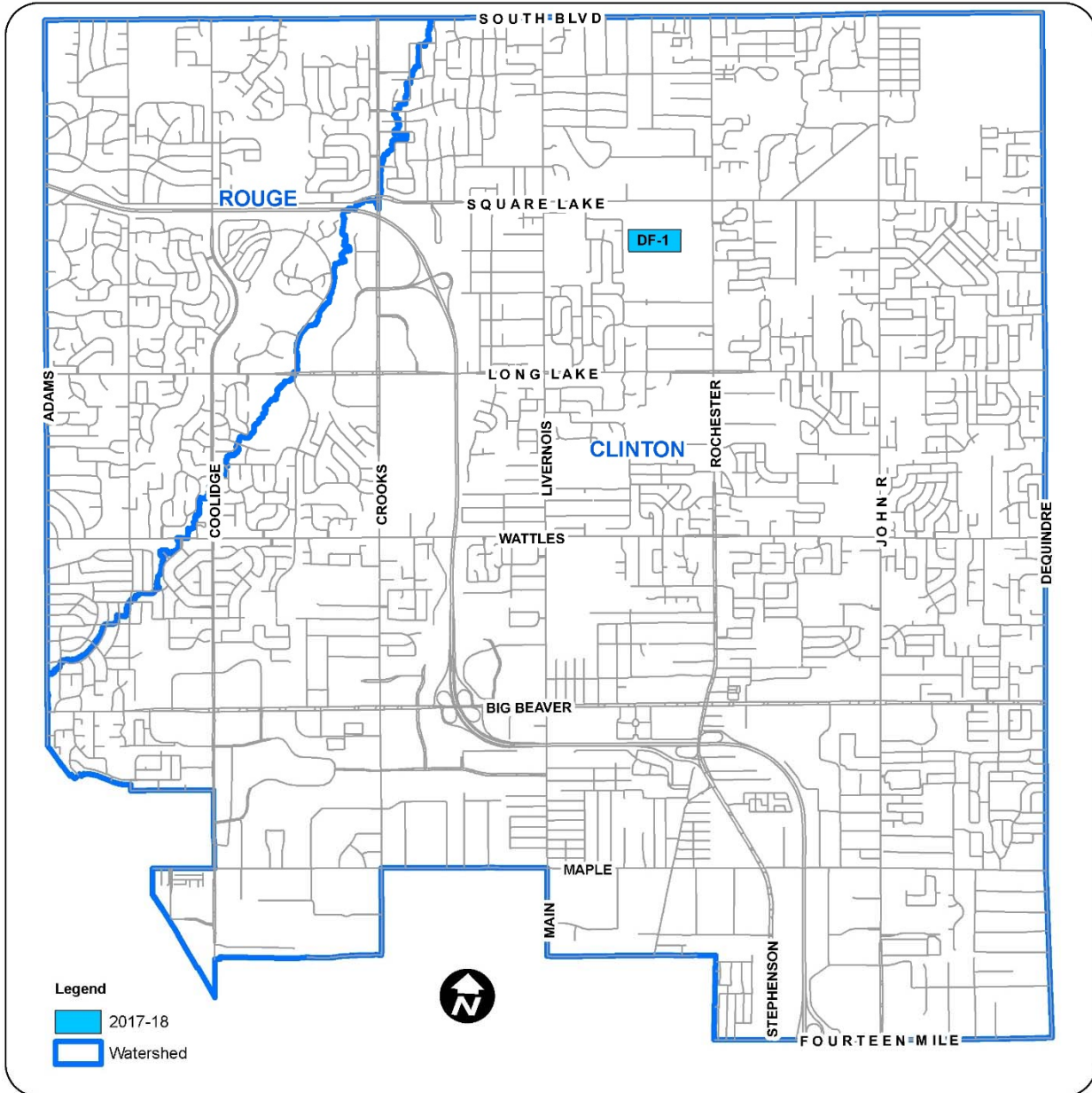
### ***SW-7. Major Road Sidewalk Replacements (Section 13, 14, 23 and 24)***

This project will be paid for entirely by City funds.

### ***SW-13. New Construction (City-wide)***

Funds are budgeted annually for construction of new sidewalks, for acquisition of easements and/or right-of-way for new sidewalks and/or filling in gaps along major roads.

**Drain Fund**



**Drain Fund**

**DRAINS 2017/18 BUDGET (401.447.516.7989)**

Map Number	Project Number	Project Name	Total Project Cost	Total City Cost	Other Sources	16/17 Amended Budget	16/17 Expenditure to 06/30/17	16/17 Balance at 6/30/17	Proposed 17/18 Budget	Comments
	14.302.6	SAW Grant - Storm Sewer	1,222,000	222,000	1,000,000	327,000	327,000	-	-	SAW Grant - \$667k
	14.304.6	Sylvan Glen Phase 2	1,140,000	640,000	500,000	140,000	670,000	(530,000)	-	EPA Grant - \$500k
	16.302.6	Lane Drain Phase 2	400,000	100,000	300,000	400,000	-	400,000	-	MDEQ Grant - \$300k
	16.301.5	Wattles over the Rouge	250,000	250,000	-	250,000	250,000	-	-	
DF-1		Sylvan Glen Phase 3	500,000	250,000	250,000	-	-	-	500,000	EPA Grant - \$250k
<b>TOTALS:</b>			<b>3,512,000</b>	<b>1,462,000</b>	<b>2,050,000</b>	<b>1,117,000</b>	<b>1,247,000</b>	<b>(130,000)</b>	<b>500,000</b>	
<b>Revenue (Federal Funds):</b>							<b>168,000</b>		<b>250,000</b>	
<b>Revenue (State Funds):</b>							<b>245,000</b>		<b>-</b>	

## Drain Fund

The City of Troy is divided into two principal drainage areas or watersheds: the Rouge River Watershed and the Clinton River Watershed.

### ***Rouge River Watershed***

The Rouge River Watershed is located in the northwestern portion of the city and contains 6.1 square miles. This area drains to the Main Branch of the Rouge River, which enters Wayne County at Telegraph and 8 Mile Roads and ultimately outlets to the Detroit River.

### ***Clinton River Watershed***

The Clinton River Watershed encompasses the remaining 27.7 square miles of the city. This area drains to the Red Run Subwatershed of the Clinton River, which ultimately outlets to Lake St. Clair.

The Federal Environmental Protection Agency and the Michigan Department of Natural Resources and Environment (DNRE) have placed limitations on municipal storm water activities, known as Phase II Stormwater Regulations and the National Pollutant Discharge Elimination System (NPDES) permit.

These regulations state 6 minimum measures that municipalities must address:

- Public education and outreach
- Public participation and involvement
- Illicit discharge detection and elimination
- Construction site runoff control
- Post-construction runoff control
- Pollution prevention and good housekeeping

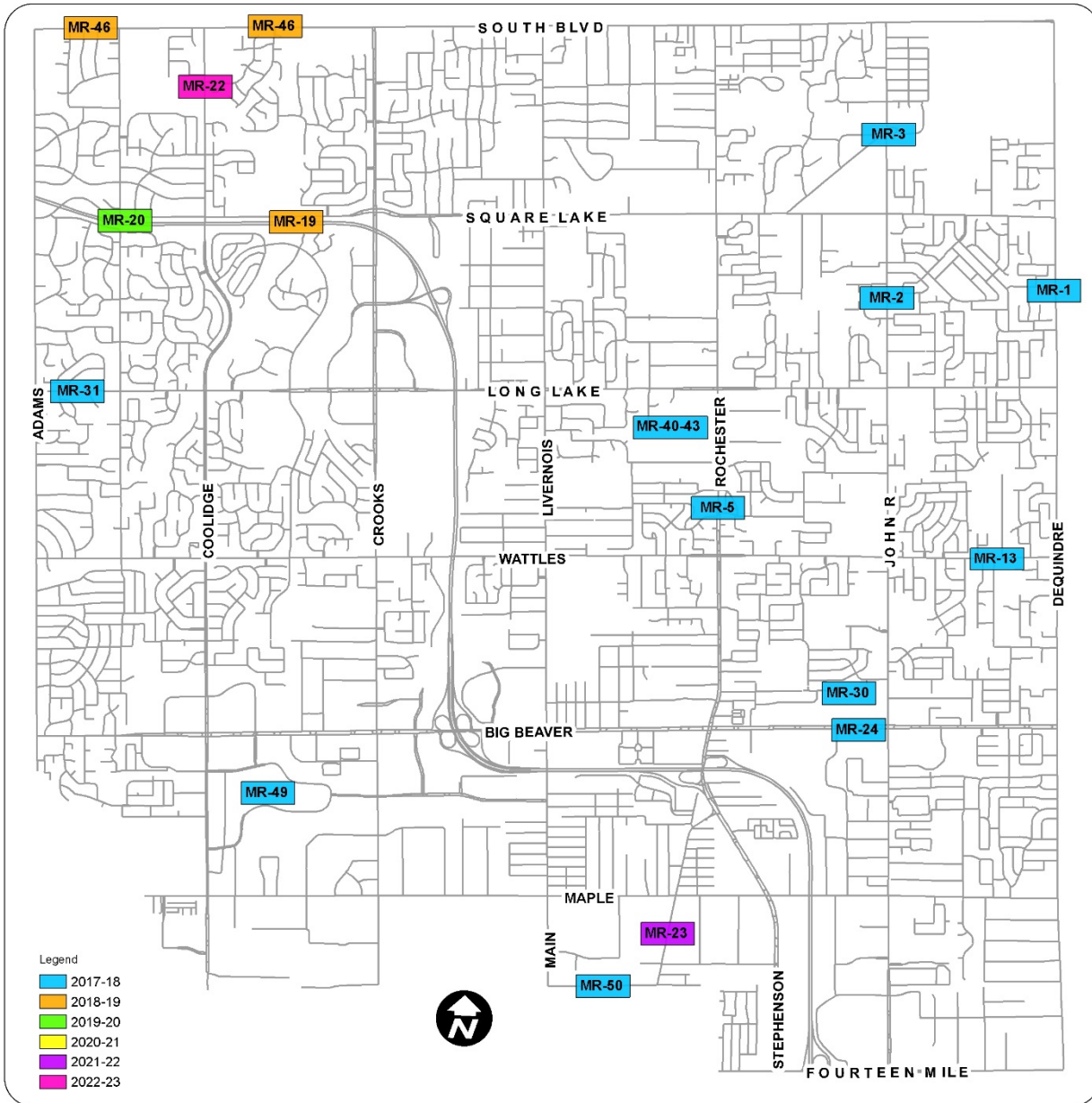
These measures are addressed through the Clinton River Red Run Subwatershed Management Plan; the Rouge River Main 1-2 Subwatershed Management Plan; the City's Stormwater Pollution Prevention Initiative; and the City's development standards and public works standard practices. Each fall the City must submit an annual report to the State summarizing all activities implemented that address these measures.

Projects in the Drain Fund are proposed annually that comply with these measures as well as projects that address drainage concerns; soil erosion; flooding; and regional drainage in accordance with the Master Storm Drainage Plan Update.

### ***DF-1. Sylvan Glen Phase 3 (Streambank Stabilization)***

Sylvan Glen Phase 3 is a continuation of work done at the golf course along the Gibson-Renshaw Drain that runs through the golf course. This project is the final phase of the work and would complete streambank restoration within the limits of the golf course. The project will restore connectivity and long-term stability, reduce erosion, downstream sediment loading and slope failures to prove ecological benefits. Troy has applied for a \$250,000 grant from the EPA to pay for approximately 50% of the project. If the grant is awarded, the project would move forward.

### 6 Year Capital Improvement Plan Major Roads Fund



**6 Year Capital Improvement Plan  
Major Roads Fund**

**6 Year CIP - Major Roads**

Map Number	Project Name	Total Project Cost	Total City Cost	Proposed						Comments
				2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	
MR-1	Dequindre, Long Lake to Auburn	23,000,000	800,000	200,000	400,000	-	-	-	-	Widen & Reconstruct
MR-2	John R, Long Lake to Square Lake	10,974,000	2,195,000	200,000	200,000	400,000	-	-	-	Widen & Reconstruct
MR-3	John R, Square Lake to South Blvd.	8,491,000	1,699,000	200,000	200,000	400,000	-	-	-	Widen & Reconstruct
MR-5	Rochester, Barclay to Trinway	625,000	125,000	400,000	2,500,000	2,500,000	1,000,000	1,000,000	-	Widen & Reconstruct
MR-13	Wattles, John R to Dequindre	950,000	950,000	950,000	-	-	-	-	-	Mill & Overlay - Incl. John R South
MR-19	Square Lake, Coolidge to Crooks	825,000	825,000	-	825,000	-	-	-	-	Mill & Overlay
MR-20	Square Lake, Adams to Coolidge	950,000	950,000	-	-	950,000	-	-	-	Mill & Overlay
MR-22	Coolidge, Square Lake to South Blvd	950,000	950,000	-	-	-	-	-	950,000	Mill & Overlay
MR-23	Rochester, Elmwood to Maple	625,000	625,000	-	-	-	-	625,000	-	Mill & Overlay
MR-24	LDFA Concrete Slab Replacement	443,360	-	178,360	53,000	53,000	53,000	53,000	53,000	LDFA - \$53k
MR-30	Automation Alley/SmartZone Ped. Crossing	550,000	550,000	525,000	-	-	-	-	-	Move Across Troy - Pedestrian Crossing
MR-31	Adams, Long Lake Intersection	97,000	22,000	22,000	-	-	-	-	-	w/ Bloomfield Township
MR-40	DPW Renovations	50,000	50,000	50,000	-	-	-	-	-	By DPW
MR-41	Streets Cold Storage Building Improvements	200,000	200,000	200,000	-	-	-	-	-	By DPW
MR-42	Equipment Trailer	15,000	15,000	15,000	-	-	-	-	-	By DPW
MR-43	Concrete Saw	30,000	30,000	30,000	-	-	-	-	-	By DPW
MR-46	Tri-Party	3,600,000	1,200,000	600,000	600,000	600,000	600,000	600,000	600,000	1/3 City - 1/3 County - 1/3 Board
MR-49	Industrial Road Maintenance	9,000,000	9,000,000	3,000,000	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000	Somerset Park Apt. - Various Locations
MR-50	Slab Replacement - Major Roads	600,000	600,000	500,000	100,000	100,000	100,000	100,000	100,000	Elmwood - Various Locations
<b>TOTAL:</b>		61,975,360	20,786,000	7,070,360	6,878,000	6,003,000	2,753,000	3,378,000	2,703,000	
<b>Revenue (Federal Funds):</b>				640,000	2,000,000	2,000,000	-	-	-	
<b>Revenue (Tri-Party):</b>				400,000	400,000	400,000	400,000	400,000	400,000	
<b>Revenue (LDFA):</b>				178,360	53,000	53,000	53,000	53,000	53,000	



## 6 Year Capital Improvement Plan Major Roads Fund

Major Roads carry the highest volumes and distribute traffic between the various residential, industrial and business districts of the city. They provide for traffic movements into, out of and through the city at moderately high speeds. The City of Troy is responsible for the maintenance of approximately 25 miles of city major mile roads. An additional 32 miles of roads are classified under ACT 51 as Major Roads but are nominally termed "Industrial Roads" by the city and are funded within the Major Road fund.

Approximately 43 miles of major roads within the city are under the jurisdiction of the Road Commission for Oakland County (RCOC).

Projects in the Major Road fund generally fall into two categories:

- ◆ Reconstruction and Widening
- ◆ Maintenance

Reconstruction and widening projects are budgeted when federal funds become available. Federal funds provide up to 80% of the cost of these improvements and are typically used for capacity or safety projects. These types of projects provide for improved traffic flow, safety for motorists and pedestrians as well as improvements in access to property. Most of these projects have three (3) distinct phases and are budgeted accordingly to provide for design, right-of-way and ultimately construction over multiple years.

Maintenance projects are generally funded entirely with city funds and as such are smaller scale projects. Funds budgeted annually for maintenance activities include concrete slab replacement and asphalt pavement overlays. These fixes provide for an improved road surface as well as an increased life cycle for the pavement. Maintenance activities are typically completed in the year that they are budgeted.

### ***MR-1. Dequindre Road, Long Lake Road to Auburn Road (Reconstruction and Widening)***

This project will reconstruct and widen Dequindre Road, from Long Lake Road to Auburn Road from an existing 2-lane road to a new 5-lane concrete pavement. Included in the project are new traffic signals, concrete sidewalks and underground utilities where required. The project has been split into three (3) phases (with the respective construction year noted):

- ◆ Ranieri to Utica - completed in 2016
- ◆ Long Lake to Ranieri - 2017
- ◆ Utica to Auburn - 2018

Federal funds for the design and right-of-way phases have been obligated and are available. Federal funds for the construction phase are obligated in the respective year for construction. The local match will be split between the Cities of Troy, Rochester Hills, Sterling Heights, Shelby Township and the Road Commissions of Oakland County and Macomb County.

### ***MR-2. John R Road, Long Lake Road to Square Lake Road (Reconstruction and Widening)***

This project will reconstruct and widen John R Road, from Long Lake Road to Square Lake Road from an existing 2-lane road to a new 3-lane asphalt pavement. Included in the project are new traffic signals, concrete sidewalks and underground utilities where required.

## 6 Year Capital Improvement Plan Major Roads Fund

Federal funds for the design and right-of-way phases have been obligated and are available. Construction is approved for funding in 2018.

### ***MR-3. John R Road, Square Lake Road to South Boulevard (Reconstruction and Widening)***

This project will reconstruct and widen John R Road, from Square Lake Road to South Boulevard from an existing 2-lane road to a new 3-lane asphalt pavement. Included in the project are new traffic signals, concrete sidewalks and underground utilities where required.

Federal funds for the design and right-of-way phases have been obligated and are available. Federal funds for the construction phase have been approved in 2018.

### ***MR-5. Rochester Road, Barclay to Trinway (Reconstruction and Widening)***

This project will reconstruct and widen Rochester Road, from Barclay to Trinway from an existing 5-lane road to a new 6-lane concrete boulevard. Included in the project are new traffic signals, concrete sidewalks and underground utilities where required.

Federal funds for the design phase have been obligated and are available. The right-of-way and construction phases are approved for federal funding in 2019 and 2021 respectively.

### ***MR-13. Wattles Road, John R Road to Dequindre Road (Mill and Overlay)***

This project will provide for a new pavement surface to improve ride quality and extend service life. The existing asphalt pavement will be milled (ground off) and a new asphalt pavement surface will be placed, curbs will be replaced as needed and sidewalk ramps will be improved to comply with Americans with Disabilities Act requirements. This project will be paid for entirely with City funds.

### ***MR-19. Square Lake Road, Coolidge Highway to Crooks Road (Mill and Overlay)***

This project will provide for a new pavement surface to improve ride quality and extend service life. The existing asphalt pavement will be milled (ground off) and a new asphalt pavement surface will be placed, curbs will be replaced as needed and sidewalk ramps will be improved to comply with Americans with Disabilities Act requirements. This project will be paid for entirely with City funds.

### ***MR-20. Square Lake Road, Adams Road to Coolidge Highway (Mill and Overlay)***

This project will provide for a new pavement surface to improve ride quality and extend service life. The existing asphalt pavement will be milled (ground off) and a new asphalt pavement surface will be placed, curbs will be replaced as needed and sidewalk ramps will be improved to comply with Americans with Disabilities Act requirements. This project will be paid for entirely with City funds.

### ***MR-22. Coolidge Highway, Square Lake to South Boulevard (Mill and Overlay)***

This project will provide for a new pavement surface to improve ride quality and extend service life. The existing asphalt pavement will be milled (ground off) and a new asphalt pavement surface will be placed, curbs will be replaced as needed and sidewalk ramps will be improved to comply with Americans with Disabilities Act requirements. This project will be paid for entirely with City funds. Operation and maintenance costs will decrease by \$8,600 per year due to rehabilitation of pavement.

**6 Year Capital Improvement Plan  
Major Roads Fund*****MR-23. Rochester Road, Elmwood to Maple Road (Mill and Overlay)***

This project will provide for a new pavement surface to improve ride quality and extend service life. The existing asphalt pavement will be milled (ground off) and a new asphalt pavement surface will be placed, curbs will be replaced as needed and sidewalk ramps will be improved to comply with Americans with Disabilities Act requirements. This project will be paid for entirely with City funds.

***MR-24. LDFA – Big Beaver, Bellingham to John R (Concrete Slab Replacement)***

This work involves removal and replacement of failed concrete pavement to repair and extend the life of the pavement. Funds are budgeted by the Local Development Finance Authority (LDFA) to repair concrete pavement along Big Beaver and Bellingham. This project will be paid for entirely by LDFA funds. 2018 budgeted funds will be used to pay for a portion of the pedestrian crossing on Big Beaver at Automation Alley/SmartZone.

***MR-30. Automation Alley/SmartZone Pedestrian Crossing (Move Across Troy)***

Move Across Troy is a campaign to work with local business owners along Big Beaver to provide pedestrian crossings in the corridor to allow for pedestrians to cross in a safe and desirable location. The first project area is a crossing located near Bellingham on the south side and the Troy Sports complex on the north side. The new crossing will provide signalized pedestrian crossings, improvements in the median and at each corner.

***MR-31. Adams-Long Lake Intersection (Pedestrian Improvements)***

Bloomfield Township is constructing a new safety path along the north side of Long Lake, from Bloomcrest to Adams which will connect to the existing sidewalks along Adams Road. As part of the project, the traffic signal and sidewalk ramps at Long Lake and Adams will be improved to comply with Americans with Disabilities Act requirements. The west side of the intersection is in Bloomfield Township while the east side is within Troy. The estimated cost for the entire project is \$1,000,000 with Troy's share at \$22,000.

***MR-40. DPW Renovations***

The DPW building was built in 1972 and has had one major renovation since then in 2001. The dynamics of the services offered at the DPW since the last renovation has changed and requires front desk and office reconfiguration. Changing dynamics include removing cubicle walls for a more collaborative environment, better service desk for customers, and a receiving window for goods.

***MR-41. Streets Cold Storage Building Improvements***

The current cold storage building, located in the back of the DPW yard, was built in 1974 and is beginning to deteriorate beyond repair. The DPW uses this building to store street signs, barricades, cement and various pieces of equipment. The new facility will allow for more efficient storage opportunities while keeping supplies and equipment in a secure, protected environment.

**6 Year Capital Improvement Plan  
Major Roads Fund*****MR-42. Equipment Trailer***

Trailers are used to transport equipment from the DPW yard to the job site for infrastructure maintenance and repair. The proposed trailer offers a tilt bed and heavier carrying capacity for better efficiency.

***MR-43. Concrete Saw***

The Streets and Drains Division is responsible for the maintenance and repair of the city's concrete and asphalt roads. The current concrete saw has exceeded its useful life and requires replacement. The new saw will have the ability to cut both concrete and asphalt using a diesel engine with the compliant emission standards.

***MR-46. Tri-Party Program***

Tri-Party program funds are made available on an annual basis for projects on County roads within the city. Specific project locations are typically not delineated on the 6-year CIP map as locations are determined annually dependent on road conditions. The City is responsible for 1/3 of the program amount while the Board of Road Commissioners for the County of Oakland and the Oakland County Board of Commissioners is responsible for the remaining 2/3.

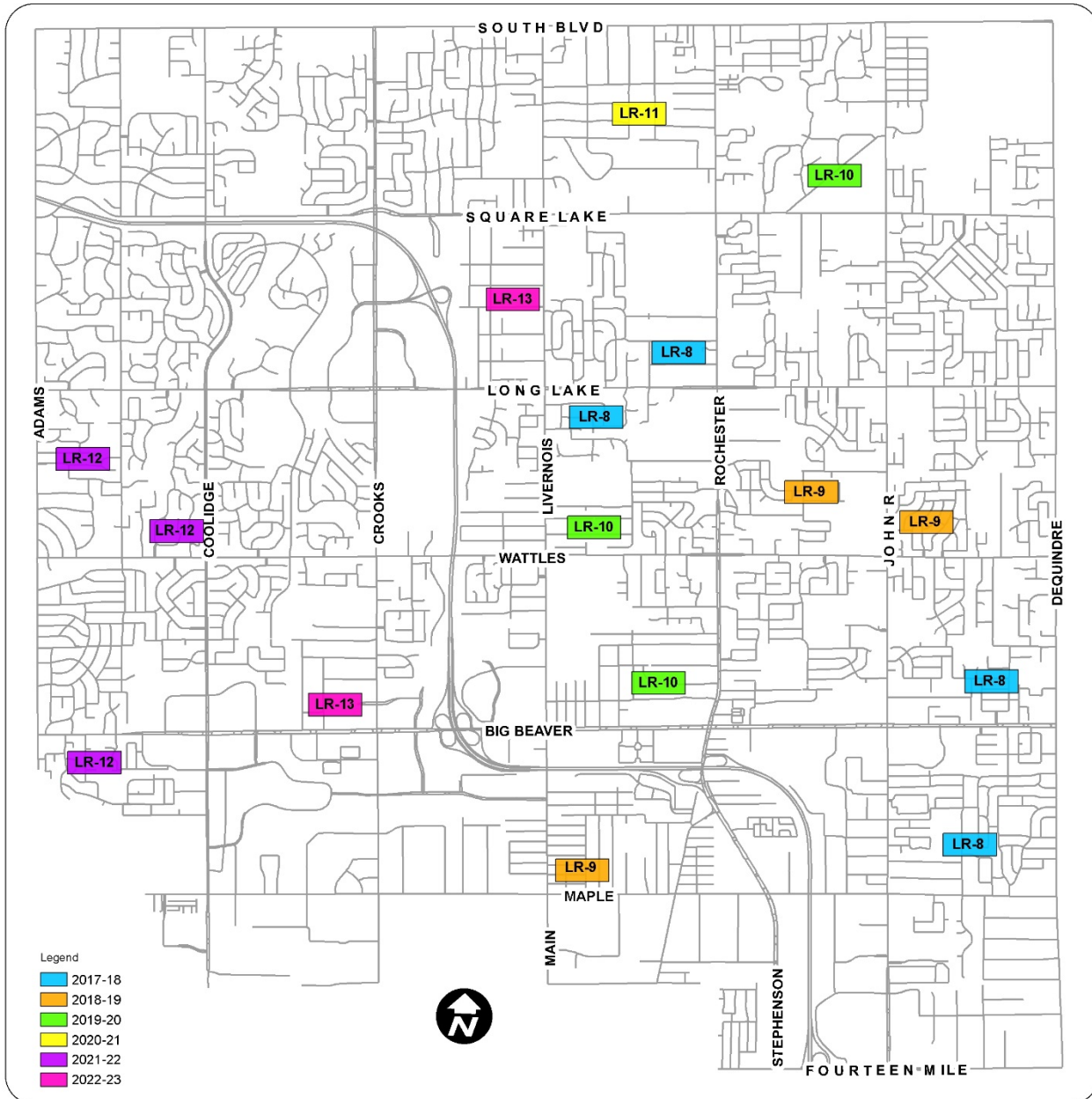
***MR-49. Industrial Road Maintenance***

Project locations are determined annually based on the City's Pavement Management System and field inspections, and are not typically delineated on the 6-year CIP map. This work involves removal and replacement of failed concrete pavement to repair and extend the life of the pavement or mill and overlay projects. An annual allocation is budgeted to complete this work and is targeted at industrial roads in the city. These projects will be paid for entirely by City funds. The 2017-18 and 2018-19 allocations have been established to remove and replace the existing roads in the Somerset Park Apartment complex.

***MR-50. Concrete Slab Replacement (Major Roads)***

Project locations are determined annually based on the City's Pavement Management System and field inspections, and are not typically delineated on the 6-year CIP map. This work involves removal and replacement of failed concrete pavement to repair and extend the life of the pavement. An annual allocation is budgeted to complete this work and is targeted at City major roads. These projects will be paid for entirely by City funds. The 2017-18 allocation has been established to remove and replace Elmwood, from Livernois to Rochester. The City of Clawson will also be participating in the project.

# 6 Year Capital Improvement Plan Local Roads



**6 Year Capital Improvement Plan  
Local Roads**

<b>6 Year CIP - Local Roads</b>										
Map Number	Project Name	Total Project Cost	Total City Cost	Proposed						Comments
				2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	
LR-1	Concrete Slab Replacement	1,500,000	1,500,000	1,500,000	-	-	-	-	-	By DPW
LR-2	Concrete Slab Replacement	1,500,000	1,500,000	-	1,500,000	-	-	-	-	By DPW
LR-3	Concrete Slab Replacement	1,500,000	1,500,000	-	-	1,500,000	-	-	-	By DPW
LR-4	Concrete Slab Replacement	1,500,000	1,500,000	-	-	-	1,500,000	-	-	By DPW
LR-5	Concrete Slab Replacement	1,500,000	1,500,000	-	-	-	-	1,500,000	-	By DPW
LR-6	Concrete Slab Replacement	1,500,000	1,500,000	-	-	-	-	-	1,500,000	By DPW
LR-8	Asphalt Pavement Overlay - Sec. 10, 15, 24 & 35	1,930,000	1,930,000	1,930,000	-	-	-	-	-	By Engineering
LR-9	Asphalt Pavement Overlay - Sec. 13, 14 & 27	1,960,000	1,960,000	-	1,960,000	-	-	-	-	By Engineering
LR-10	Asphalt Pavement Overlay - Atkins, Sec 15 & 22	1,850,000	1,850,000	-	-	1,850,000	-	-	-	By Engineering
LR-11	Asphalt Pavement Overlay - Sec. 3	1,700,000	1,700,000	-	-	-	1,700,000	-	-	By Engineering
LR-12	Asphalt Pavement Overlay - Sec. 18 & 30	1,800,000	1,800,000	-	-	-	-	1,800,000	-	By Engineering
LR-13	Asphalt Pavement Overlay - Sec. 9 & 20	1,780,000	1,780,000	-	-	-	-	-	1,780,000	By Engineering
LR-14	DPW Renovations	50,000	50,000	50,000	-	-	-	-	-	By DPW
<b>TOTALS:</b>		20,070,000	20,070,000	3,480,000	3,460,000	3,350,000	3,200,000	3,300,000	3,280,000	

## 6 Year Capital Improvement Plan Local Roads

The City of Troy is responsible for the maintenance of approximately 268 miles of local roads. Approximately 250 miles of these are subdivision streets of concrete or asphalt, 5 miles are chip seal and 4 miles are gravel roads. Approximately 2/3 of subdivision streets are concrete with the remaining 1/3 being asphalt. The remaining 9 miles are nominally termed by the city as “Industrial Roads”, such as Naughton, Wheaton and Piedmont, that are classified as local because they do not meet the definition of a Major Road under Act 51.

Public Act 499 of 2002 established a ten member State Transportation Asset Management Council (TAMC). The law also required that the TAMC set up a process for determining the condition of Michigan’s highways and bridges and develop a strategy so that those assets are maintained, preserved and improved in an efficient and cost-effective manner. The TAMC adopted the Pavement Surface and Evaluation Rating (PASER) system as its road condition survey reporting tool. The TAMC initially developed the strategy for Michigan’s federal-aid eligible roads and bridges but, was extended to all public roads in the State. In order to prioritize road maintenance activities, the City is now using the PASER system. PASER is used statewide and is a “windshield” road rating system that uses a 1 to 10 rating scale, with a value of 10 representing a new road and a value of 1 representing a failed road. Condition ratings are assigned by visually identifying the type and amount of defects along a road segment while driving the segment. The PASER system translates these observations into a condition rating.

The TAMC established the following categories:

PASER ratings of 8-10 require routine maintenance, such as street sweeping, shoulder grading or crack sealing

PASER ratings of 5-7 require capital preventative maintenance, such as concrete slab replacements or asphalt overlays.

PASER ratings of 1-4 require structural improvements, such as milling, pulverizing or reconstruction that address the structural integrity of the road.

The City simplifies this system by grouping roads with a rating of 6 or higher as being in Good condition, 4 or 5 as Fair and 3 or less as Poor. Currently, 60 miles or 24% of local subdivision streets are rated a 5 or less.

Once PASER rating work is complete, analysis of the network is performed using Roadsoft Pavement Management software, which is available free to local agencies by the Center for Technology & Training (CTT) at Michigan Technological University. Roadsoft is used statewide by numerous road agencies including MDOT, most Counties and numerous local governments. Roadsoft uses the PASER condition ratings as a basis for the analysis. Specific maintenance procedures and their associated costs are established by the city based on city practice and experience. The software uses this data along with specific user defined information (such as budgetary limitations and timeframes) to generate an optimal mix of maintenance procedures and project future network conditions. The Pavement Management system is augmented by field reviews of the recommended areas as pavement conditions in areas can deteriorate faster or slower than anticipated based on numerous factors including weather, traffic, pavement thickness and previous maintenance.

Once this information is analyzed, project areas are developed based on geographic locations to complete repairs. This provides for economies of scale for these types of repairs within a specific section or area of the city. Streets outside these sections are repaired on an as needed basis.

## 6 Year Capital Improvement Plan Local Roads

Local road maintenance typically involves concrete slab replacements or asphalt pavement overlays.

Paving of a local road is initiated by the residents living on the road. Residents on gravel roads can initiate a Special Assessment District (SAD) where the cost to pave the road is split by the benefiting properties and the city. Once the road has been paved, future maintenance costs are traditionally borne by the City and paid for through the local road fund.

### ***LR-1 - LR-6. Local Road Maintenance – Concrete Slab Replacement (Sections TBD)***

Concrete slab replacement removes and replaces spot sections of failed concrete pavement. Using PASER ratings in conjunction with our Roadsoft Pavement Management software and field verification, the Department of Public Works (DPW) identifies specific locations within sections throughout the City and prepares bid documents for concrete slab replacement work to be done by a contractor. Locations are determined annually based on updated PASER ratings so specific locations are not identified for future years. Local road concrete slab replacement is paid for entirely with City funds.

### ***LR-8. Asphalt Pavement Overlay (Sec. 10 SE 1/4; Sec. 15 NW 1/4; Sec. 24 S 1/2; and Sec. 25 SW 1/4)***

The local roads in the following areas will be targeted for asphalt pavement overlays: Section 10 - Sylvanwood, Trinway, Creston and Somerton; Section 15 - Belhaven, Wilton, Beldale, Choice Ct., Belzair & Dorshire; Section 24 - Eagle, Niagara, Pasadena, Avalon, Wolverine, Winter, Rowland and Orpington; Section 25 - Garry, Isabell, Vermont, Virginia, Milverton, Taylor and Castleton. It is anticipated that the project may include milling (grinding) of the existing pavement or pulverizing (crushing the existing pavement into a base material) and then placing a 1.5" to 3" asphalt overlay. This project will be paid for entirely by City funds.

### ***LR-9. Asphalt Pavement Overlay (Sec. 13 SW 1/4; Sec. 14 W 1/2; and Sec. 27 SW 1/4)***

The local roads in the following areas will be targeted for asphalt pavement overlays: Section 13 - Cumberland, Hillcrescent, Forest Trail, Newbedford, Fairfield, Woodingham, Lancashire, Marywood, Allegheny, Washington Crescent, Cabridge Crescent, Gatesford Circle, Ramblewood, Middlebury, Greensboro and Tilling; Section 14 - Glaser, Bradley Lamb, Eleanor & Rockfield; Section 27 - Algansee, Larchwood, Arthur, Woodslee, Vermont, Forthton, Chopin, Mastin and Hartshorn. The work will include milling (grinding) of the existing pavement and then placing a 1.5" to 3" asphalt overlay. This project will be paid for entirely by City funds.

### ***LR-10. Asphalt Pavement Overlay (Atkins, Sec. 15 SW 1/4; and Sec. 22 S 1/2)***

The local roads in the following areas will be targeted for asphalt pavement overlays: Atkins, Square Lake to John R; Section 15 - Evaline, Leetonia, Crestfield and Hanover; Section 22 - Colebrook, Trombley, Vanderpool, Harris, Hartland, Louis, Troy, Frankton, Helena, Talbot, Kilmer and Ellenboro. The work will include milling (grinding) of the existing pavement and then placing a 1.5" to 3" asphalt overlay. This project will be paid for entirely by City funds.



## 6 Year Capital Improvement Plan Local Roads

### ***LR-11. Asphalt Pavement Overlay (Section 3)***

The local roads in Section 3 will be targeted for asphalt pavement overlays, including: E. Lovell, Lesdale, Hurst, Booth, Ottawa, Qull Creek, Marengo, DeEtta, Hannah, Donaldson, Westaway, Montclair and Norton. The work will include milling (grinding) of the existing pavement and then placing a 1.5" to 3" asphalt overlay. This project will be paid for entirely by City funds.

### ***LR-12. Asphalt Pavement Overlay (Sect. 18 W 1/2; Sec. 18 SE 1/4; and Sec. 30)***

The local roads in the following areas will be targeted for asphalt pavement overlays: Section 18 - Valley Vista Circle, Valley Vista Ct., Velly Vista, Orchard Trail, Timberwyck Trail, Black Pine, Red Fox Trail, Tarrogona Way, Bronson, Hylane, Pine Hill, Bitternut Hill, Walnut Hill, Chestnut Hill, Rouge Circle, Juniper Ct., Brandywyne, Sugar Grove Ct., Cherrywood, Stonehenge Ct., Frostwood Ct., and Briargrove. The work will include milling (grinding) of the existing pavement and then placing a 1.5" to 3" asphalt overlay. This project will be paid for entirely by City funds.

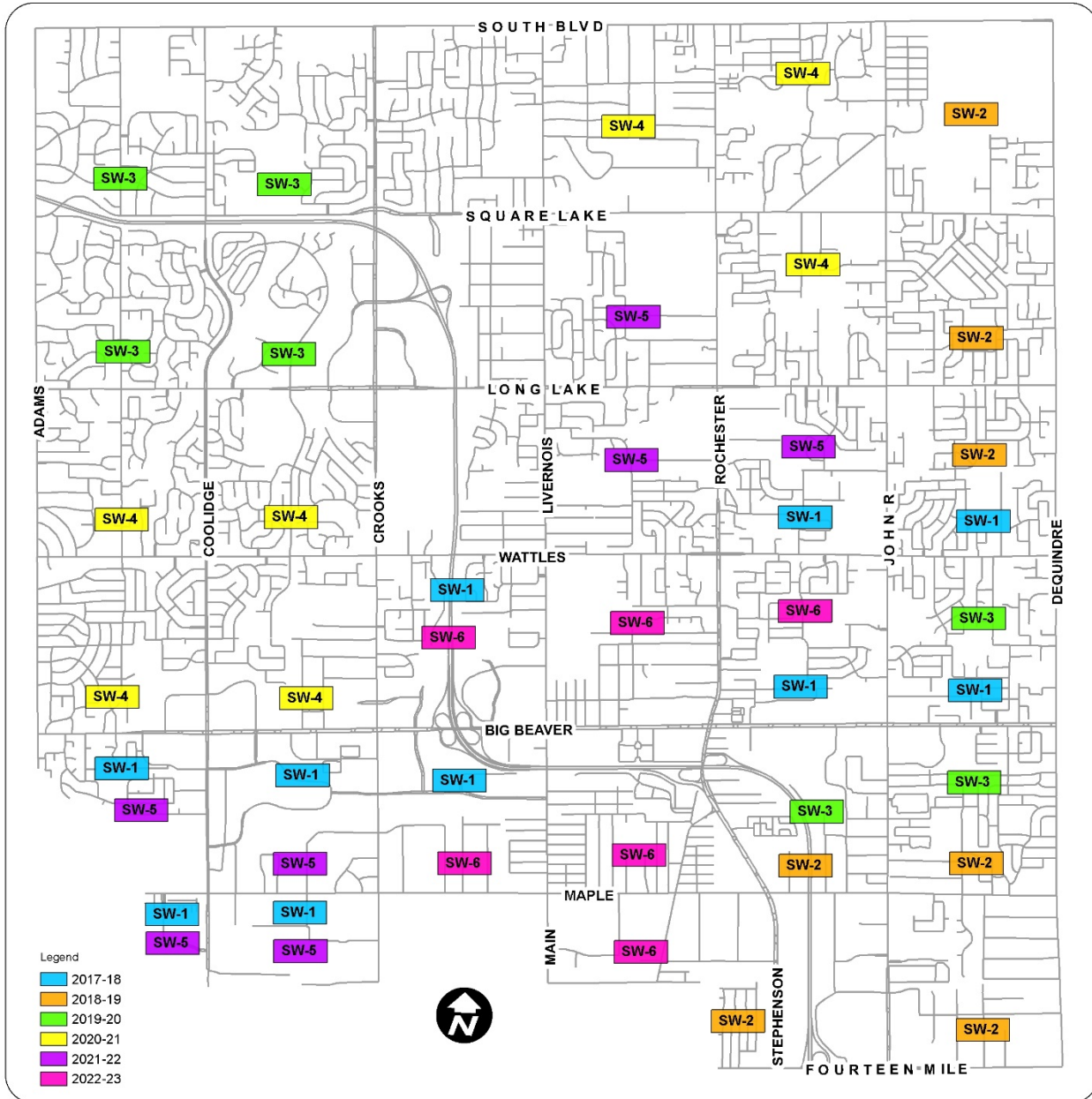
### ***LR-13. Asphalt Pavement Overlay (Sec. 9 E 1/2 and Sec. 20 SE 1/4)***

The local roads in the following areas will be targeted for asphalt pavement overlays: Section 9 - Cutting, Haldane, Florence, Blanche, Habrand, McKinley, Stalwart, Fabuius, Deinmore, Daniels, Wright, Houghten, Virgilia, and Niles; Section 20 - McManus, Boulan, Muer, Banmoor Alpine and McClure. The work will include milling (grinding) of the existing pavement and then placing a 1.5" to 3" asphalt overlay. This project will be paid for entirely by City funds.

### ***LR-14. DPW Renovations***

The DPW building was built in 1972 and has had one major renovation since then in 2001. The dynamics of the services offered at the DPW since the last renovation has changed and requires front desk and office reconfiguration. Changing dynamics include removing cubicle walls for a more collaborative environment, better service desk for customers, and a receiving window for goods.

# 6 Year Capital Improvement Plan Sidewalks



**6 Year Capital Improvement Plan  
Sidewalks**

203

6 Year CIP - Sidewalks										
Map Number	Project Name	Total Project Cost	Total City Cost	Proposed						Comments
				2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	
SW-1	Residential - Sec. 21, 28, 29, 30, 31 & 32	390,000	156,000	390,000	-	-	-	-	-	By DPW
SW-2	Residential - Sec. 1, 12 & 13	390,000	156,000	-	390,000	-	-	-	-	By DPW
SW-3	Residential - Sec. 24, 25 & 26	390,000	156,000	-	-	390,000	-	-	-	By DPW
SW-4	Residential - Sec. 2, 3 & 11	390,000	156,000	-	-	-	390,000	-	-	By DPW
SW-5	Residential - Sec. 10, 14 & 15	390,000	156,000	-	-	-	-	390,000	-	By DPW
SW-6	Residential - Sec. 21, 22 & 23	390,000	156,000	-	-	-	-	-	390,000	By DPW
SW-7	Major Roads - Sec. 12, 14, 23 & 24	100,000	100,000	100,000	-	-	-	-	-	By DPW
SW-8	Major Roads - Sec. 25, 26, 35 & 36	100,000	100,000	-	100,000	-	-	-	-	By DPW
SW-9	Major Roads - Sec. 5, 6, 7 & 8	100,000	100,000	-	-	100,000	-	-	-	By DPW
SW-10	Major Roads - Sec. 17, 18, 19 & 20	100,000	100,000	-	-	-	100,000	-	-	By DPW
SW-11	Major Roads - Sec. 29, 30, 31 & 32	100,000	100,000	-	-	-	-	100,000	-	By DPW
SW-12	Major Roads - Sec. 27, 28 & 34	100,000	100,000	-	-	-	-	-	100,000	By DPW
SW-13	New Construction	60,000	60,000	10,000	10,000	10,000	10,000	10,000	10,000	By DPW
<b>TOTALS:</b>		3,000,000	1,596,000	500,000	500,000	500,000	500,000	500,000	500,000	
<b>Revenue (Sidewalk Replacement Program):</b>				156,000	156,000	156,000	156,000	156,000	156,000	Paid by Resident for Sidewalk Repairs (40%)

## 6 Year Capital Improvement Plan Sidewalks

The Department of Public Works is responsible for the sidewalk replacement program. The city is divided into 6 areas for major road sidewalk replacements and 12 areas for residential sidewalk replacements. These areas are reviewed annually and a sidewalk replacement list is prepared. Not all sidewalks in any one area are replaced, only those sections of sidewalk that do not meet current requirements are included as funding allows. The replacement program also upgrades sidewalks and ramps to comply with current Americans with Disabilities Act (ADA) requirements.

The sidewalk replacement program provides the property owner with the option of replacing the sidewalk themselves or having the replacement added to the City's list. The City of Troy hires a contractor to remove and replace these sections of sidewalks and the residents are billed for the work.

The annual budget amount for the sidewalk fund varies based on funds available from the overall Capital Fund. Funds are typically split between three categories: residential sidewalk replacement; major road sidewalk replacement; and new construction. These budgeted amounts will vary based on the overall Capital Fund for the City. Sidewalk funds are moved among these 3 areas in order to meet the annual needs of the sidewalk program.

### ***SW-1. Residential Sidewalk Replacements (Section 21, 28, 29, 30, 31 and 32)***

This project will be paid for entirely by City funds, with reimbursement by property owners.

### ***SW-2. Residential Sidewalk Replacements (Section 1, 12 and 13)***

This project will be paid for entirely by City funds, with reimbursement by property owners.

### ***SW-3. Residential Sidewalk Replacements (Section 24, 25 and 26)***

This project will be paid for entirely by City funds, with reimbursement by property owners.

### ***SW-4. Residential Sidewalk Replacements (Section 2, 3 and 11)***

This project will be paid for entirely by City funds, with reimbursement by property owners.

### ***SW-5. Residential Sidewalk Replacements (Section 10, 14 and 15)***

This project will be paid for entirely by City funds, with reimbursement by property owners.

### ***SW-6. Residential Sidewalk Replacements (Section 21, 22 and 23)***

This project will be paid for entirely by City funds, with reimbursement by property owners.

### ***SW-7. Major Road Sidewalk Replacements (Section 13, 14, 23 and 24)***

This project will be paid for entirely by City funds.

### ***SW-8. Major Road Sidewalk Replacements (Section 25, 26, 35 and 36)***

This project will be paid for entirely by City funds.

**6 Year Capital Improvement Plan  
Sidewalks*****SW-9. Major Road Sidewalk Replacements (Section 5, 6, 7 and 8)***

This project will be paid for entirely by City funds.

***SW-10. Major Road Sidewalk Replacements (Section 17, 18, 19 and 20)***

This project will be paid for entirely by City funds.

***SW-11. Major Road Sidewalk Replacements (Section 29, 30, 31 and 32)***

This project will be paid for entirely by City funds.

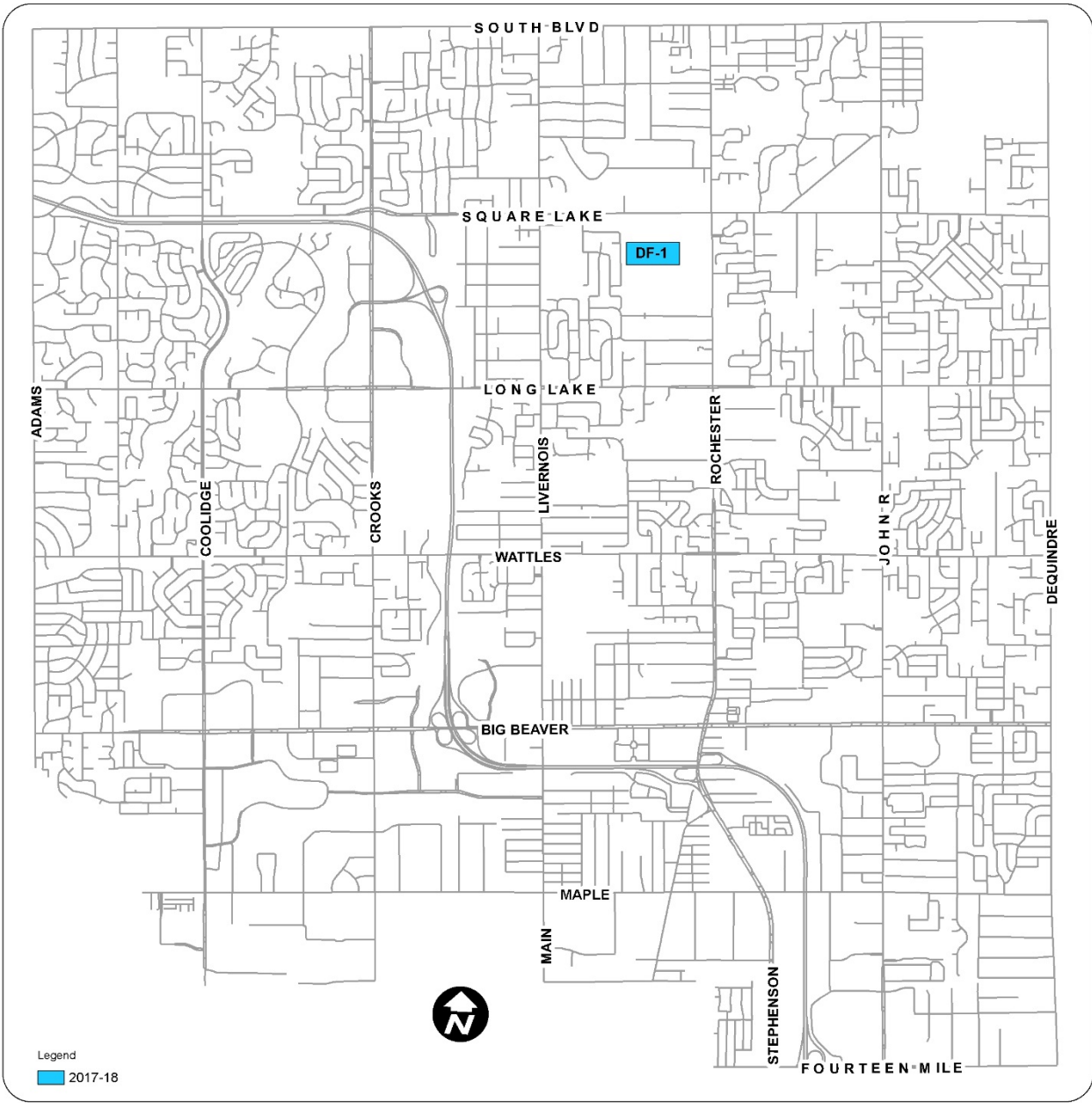
***SW-12. Major Road Sidewalk Replacements (Section 27, 28 and 34)***

This project will be paid for entirely by City funds.

***SW-13. New Construction (City-wide)***

Funds are budgeted annually for construction of new sidewalks, for acquisition of easements and/or right-of-way for new sidewalks and/or filling in gaps along major roads.

# 6 Year Capital Improvement Plan Drain Fund



**6 Year Capital Improvement Plan  
Drain Fund**

<b>6 Year CIP - Drains</b>										
Map Number	Project Name	Total Project Cost	Total City Cost	Proposed						Comments
				2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	
DF-1	Sylvan Glen Phase 3	500,000	250,000	500,000	-	-	-	-	-	EPA Grant - \$250k
<b>TOTALS:</b>		500,000	250,000	500,000	-	-	-	-	-	
<b>Revenue (Federal Funds):</b>				250,000	-	-	-	-	-	

## 6 Year Capital Improvement Plan

The City of Troy is divided into two principal drainage areas or watersheds: the Rouge River Watershed and the Clinton River Watershed.

### ***Rouge River Watershed***

The Rouge River Watershed is located in the northwestern portion of the city and contains 6.1 square miles. This area drains to the Main Branch of the Rouge River, which enters Wayne County at Telegraph and 8 Mile Roads and ultimately outlets to the Detroit River.

### ***Clinton River Watershed***

The Clinton River Watershed encompasses the remaining 27.7 square miles of the city. This area drains to the Red Run Subwatershed of the Clinton River, which ultimately outlets to Lake St. Clair.

The Federal Environmental Protection Agency and the Michigan Department of Natural Resources and Environment (DNRE) have placed limitations on municipal storm water activities, known as Phase II Stormwater Regulations and the National Pollutant Discharge Elimination System (NPDES) permit.

These regulations state 6 minimum measures that municipalities must address:

- Public education and outreach
- Public participation and involvement
- Illicit discharge detection and elimination
- Construction site runoff control
- Post-construction runoff control
- Pollution prevention and good housekeeping

These measures are addressed through the Clinton River Red Run Subwatershed Management Plan; the Rouge River Main 1-2 Subwatershed Management Plan; the City's Stormwater Pollution Prevention Initiative; and the City's development standards and public works standard practices. Each fall the City must submit an annual report to the State summarizing all activities implemented that address these measures.

Projects in the Drain Fund are proposed annually that comply with these measures as well as projects that address drainage concerns; soil erosion; flooding; and regional drainage in accordance with the Master Storm Drainage Plan Update.

### ***DF-1. Sylvan Glen Phase 3 (Streambank Stabilization)***

Sylvan Glen Phase 3 is a continuation of work done at the golf course along the Gibson-Renshaw Drain that runs through the golf course. This project is the final phase of the work and would complete streambank restoration within the limits of the golf course. The project will restore connectivity and long-term stability, reduce erosion, downstream sediment loading and slope failures to prove ecological benefits. Troy has applied for a \$250,000 grant from the EPA to pay for approximately 50% of the project. If the grant is awarded, the project would move forward.





WE BELIEVE IN DOING  
GOVERNMENT THE BEST



# Enterprise Funds

# GOLF COURSES

Recreation Director | Elaine S. Bo

It is the mission of the Golf Division to provide a quality golf experience for residents and businesses.

## **DEPARTMENT FUNCTION**

### **Administration**

- » Acts as liaison with golf management company  
Billy Casper Golf
- » Conducts facility planning and development
- » Works on capital improvement projects

### **Golf Division**

- » With Billy Casper Golf operates two municipal  
golf operations
- » Serves as liaison with restaurant operation  
Camp Ticonderoga
- » Works with Billy Casper Golf to ensure repairs and  
improvements to courses are completed
- » Offers a full practice facility at Sanctuary Lake  
Golf Course

**PERFORMANCE INDICATORS**

<b>Performance Indicators</b>	<b>2014/15 Actual</b>	<b>2015/16 Actual</b>	<b>2016/17 Projected</b>	<b>2017/18 Budget</b>
Sylvan Glen Rounds	42,887	44,036	43,011	43,921
Sanctuary Lake Rounds	31,840	33,079	34,815	36,500

**Notes on Performance Indicators**

- Green damage at Sylvan Glen had a significant impact on 2014 spring play.

**Golf Course Summaries**

**SUMMARY OF BUDGET CHANGES**

● **Significant Notes - 2017/18 Budget Compared to 2016/17 Budget**

Significant capital outlay budgeted for Sylvan Glen irrigation system.

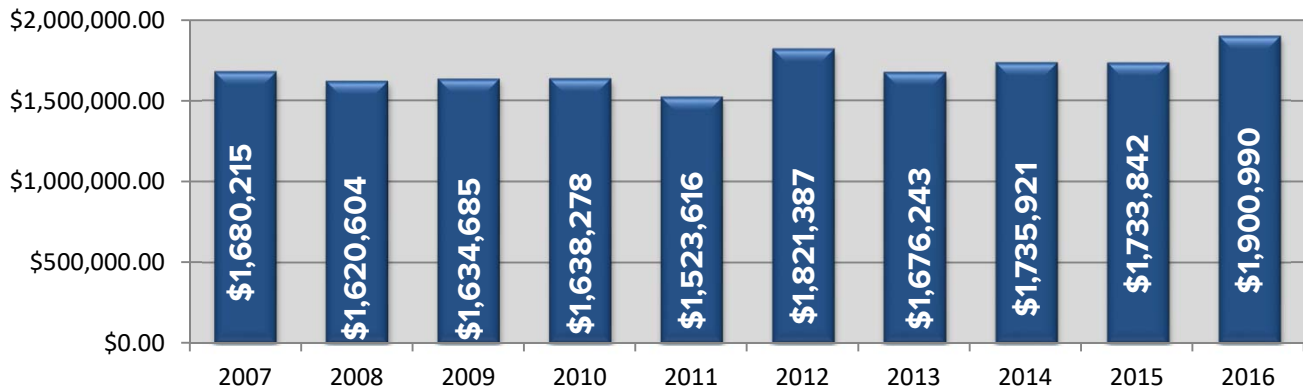
As in all past years Sanctuary Lake operating income is not expected to cover debt service costs of \$831 thousand.

Personnel								
Summary	2015 Budget		2016 Budget		2017 Budget		2018 Budget	
	Full-Time	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time
Greens	0	0	0	0	0	0	0	0
Pro Shop	0	0	0	0	0	0	0	0
<b>Total Department</b>	<b>*0</b>	<b>*0</b>	<b>*0</b>	<b>*0</b>	<b>*0</b>	<b>*0</b>	<b>*0</b>	<b>*0</b>

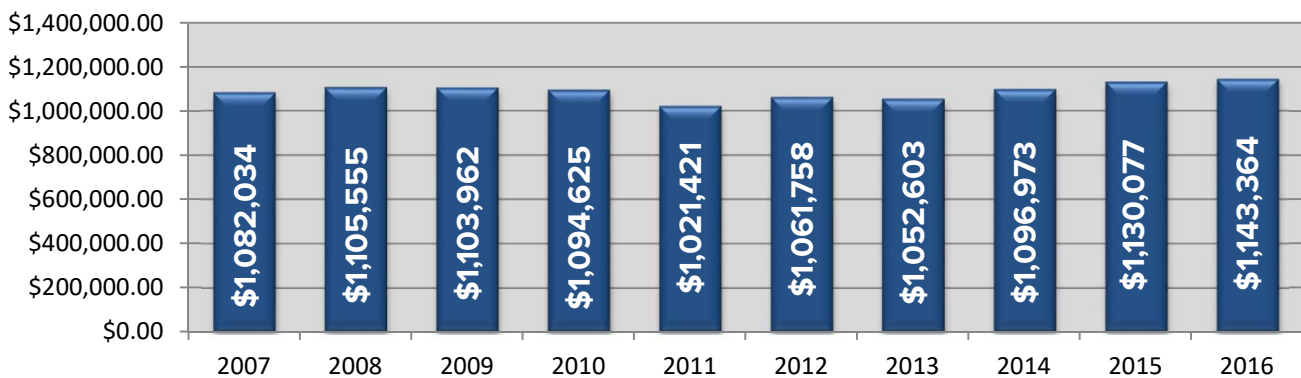
\* *Billy Casper Golf*

**EXPENSE HISTORY**

● **Expense History - Sanctuary Lake Golf Course**



● **Expense Budget History - Sylvan Glen Golf Course**



**Enterprise Funds  
Recreation and Culture**

## Sanctuary Lake Golf Course

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 583 Sanctuary Lake Golf Course</b>								
<b>REVENUES</b>								
Department: 000 Revenue								
Business Unit: 583 SL Golf Course Revenue								
583.000.00.000								
Charges for Services	\$ 1,375,137	\$ 1,803,385	\$ 1,621,310	\$ 1,528,120	\$ 1,602,440	4.86%	\$ 1,634,680	\$ 1,667,610
Interest and rents	-	403	-	-	-	0.00%	-	-
<b>Total Revenues</b>	<b>1,375,137</b>	<b>1,803,788</b>	<b>1,621,310</b>	<b>1,528,120</b>	<b>1,602,440</b>	<b>4.86%</b>	<b>1,634,680</b>	<b>1,667,610</b>
<b>EXPENSE</b>								
Business Unit: 765 Billy Casper Operations								
Expenditures for Operations								
583.765.00.765								
PERSONAL SERVICES	459,641	572,705	626,600	659,340	678,920	2.97%	685,700	692,570
SUPPLIES	476,488	542,641	504,110	475,720	518,920	9.08%	524,990	531,030
OTHER SERVICE CHARGES	185,691	163,696	163,240	176,660	171,790	-2.76%	174,240	176,190
<b>Total Billy Casper Operations</b>	<b>1,121,820</b>	<b>1,279,041</b>	<b>1,293,950</b>	<b>1,311,720</b>	<b>1,369,630</b>	<b>4.41%</b>	<b>1,384,930</b>	<b>1,399,790</b>
Business Unit: 766 City Expenses								
Expenditures for Operations								
583.766.00.766								
PERSONAL SERVICES	3,053	741	4,510	-	-	0.00%	-	-
SUPPLIES	4,171	37,686	15,360	2,000	2,000	0.00%	2,000	2,000
OTHER SERVICE CHARGES	(9,578)	(26,068)	16,460	16,210	16,700	3.02%	16,990	17,290
<b>Total City Expenses</b>	<b>(2,354)</b>	<b>12,359</b>	<b>36,330</b>	<b>18,210</b>	<b>18,700</b>	<b>2.69%</b>	<b>18,990</b>	<b>19,290</b>
<b>Total Operating Expenses</b>	<b>1,119,466</b>	<b>1,291,401</b>	<b>1,330,280</b>	<b>1,329,930</b>	<b>1,388,330</b>	<b>4.39%</b>	<b>1,403,920</b>	<b>1,419,080</b>

**Enterprise Funds  
Recreation and Culture**

## Sanctuary Lake Golf Course

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Total Income from Operations Before Dep/Cap</b>	255,671	512,388	291,030	198,190	214,110	8.03%	230,760	248,530
<b>Capital/Depreciation Expense</b>								
583.768.00.768								
Depreciation	315,690	319,708	-	-	-	0.00%	-	-
Capital Expenditures	-	-	69,130	50,000	145,000	190.00%	55,000	-
<b>Total Capital/Depreciation Expense</b>	<b>315,690</b>	<b>319,708</b>	<b>69,130</b>	<b>50,000</b>	<b>145,000</b>	<b>190.00%</b>	<b>55,000</b>	<b>-</b>
<b>Income from Operations</b>	<b>(60,019)</b>	<b>192,680</b>	<b>221,900</b>	<b>148,190</b>	<b>69,110</b>	<b>-53.36%</b>	<b>175,760</b>	<b>248,530</b>
<b><u>OTHER FINANCING SOURCES (USES)</u></b>								
<b>Debt Service</b>								
583.766.00.766								
Debt Service	(298,686)	(289,881)	(855,280)	(855,280)	(831,300)	-2.80%	(909,600)	(885,200)
Gain on Sale of Capital Assets	-	10,000	-	-	-	0.00%	-	-
<b>Total Income (Loss)</b>	<b>(358,705)</b>	<b>(87,201)</b>	<b>(633,380)</b>	<b>(707,090)</b>	<b>(762,190)</b>	<b>7.79%</b>	<b>(733,840)</b>	<b>(636,670)</b>
Beginning Net Position	(5,734,102)	(6,092,807)	(6,180,008)	(6,180,008)	(6,813,388)	10.25%	(7,575,578)	(8,309,418)
<b>Ending Net Position</b>	<b>\$ (6,092,807)</b>	<b>\$ (6,180,008)</b>	<b>\$ (6,813,388)</b>	<b>\$ (6,887,098)</b>	<b>\$ (7,575,578)</b>	<b>10.00%</b>	<b>\$ (8,309,418)</b>	<b>\$ (8,946,088)</b>

**Note:** Actual amounts are on the full-accrual basis of accounting. Accordingly, capital expenses are capitalized and debt service expenses will not include principal amounts paid as these amounts are used to reduce the liability.

**Enterprise Funds  
Recreation and Culture**

# Sylvan Glen Golf Course

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 584 Sylvan Glen Golf Course</b>								
<b>REVENUES</b>								
Department: 000 Revenue								
Business Unit: 584 SG Golf Course Revenue								
584.000.00.000								
Charges for Services	\$ 980,168	\$ 1,141,317	\$ 1,037,620	\$ 1,012,920	\$ 1,045,210	3.19%	\$ 1,066,810	\$ 1,082,780
Interest and rents	150,192	149,895	214,600	159,400	171,400	7.53%	171,400	183,400
<b>Total Revenues</b>	<b>1,130,360</b>	<b>1,291,212</b>	<b>1,252,220</b>	<b>1,172,320</b>	<b>1,216,610</b>	<b>3.78%</b>	<b>1,238,210</b>	<b>1,266,180</b>
<b>EXPENSE</b>								
Business Unit: 785 Billy Casper Operations								
Expenditures for Operations								
584.785.00.785								
PERSONAL SERVICES	541,074	542,189	493,190	484,760	511,120	5.44%	516,220	521,400
SUPPLIES	277,894	311,079	308,000	292,180	332,980	13.96%	335,820	338,650
OTHER SERVICE CHARGES	159,995	157,400	159,990	170,930	167,920	-1.76%	170,330	172,240
<b>Total Billy Casper Operations</b>	<b>978,963</b>	<b>1,010,669</b>	<b>961,180</b>	<b>947,870</b>	<b>1,012,020</b>	<b>6.77%</b>	<b>1,022,370</b>	<b>1,032,290</b>
Business Unit: 786 City Expenses								
Expenditures for Operations								
584.786.00.786								
PERSONAL SERVICES	4,449	1,528	1,410	-	-	0.00%	-	-
SUPPLIES	10,991	12,915	3,860	-	-	0.00%	-	-
OTHER SERVICE CHARGES	5,072	(7,511)	36,550	41,410	37,000	-10.65%	37,390	37,790
<b>Total City Expenses</b>	<b>20,511</b>	<b>6,932</b>	<b>41,820</b>	<b>41,410</b>	<b>37,000</b>	<b>-10.65%</b>	<b>37,390</b>	<b>37,790</b>
<b>Total Operating Expenses</b>	<b>999,475</b>	<b>1,017,601</b>	<b>1,003,000</b>	<b>989,280</b>	<b>1,049,020</b>	<b>6.04%</b>	<b>1,059,760</b>	<b>1,070,080</b>
<b>Total Income from Operations Before Dep/Cap</b>	<b>130,885</b>	<b>273,612</b>	<b>249,220</b>	<b>183,040</b>	<b>167,590</b>	<b>-8.44%</b>	<b>178,450</b>	<b>196,100</b>

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**Enterprise Funds  
Recreation and Culture**

## Sylvan Glen Golf Course

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Capital/Depreciation Expense</b>								
584.788.00.788								
Depreciation	125,887	122,490	-	-	-	0.00%	-	-
Capital Expenditures	-	-	91,400	139,000	1,013,000	628.78%	31,720	70,000
<b>Total Capital/Depreciation Expense</b>	<b>125,887</b>	<b>122,490</b>	<b>91,400</b>	<b>139,000</b>	<b>1,013,000</b>	<b>628.78%</b>	<b>31,720</b>	<b>70,000</b>
<b>Income from Operations</b>	<b>4,999</b>	<b>151,121</b>	<b>157,820</b>	<b>44,040</b>	<b>(845,410)</b>	<b>-2019.64%</b>	<b>146,730</b>	<b>126,100</b>
<b><u>OTHER FINANCING SOURCES (USES)</u></b>								
<b>Debt Service</b>								
584.786.00.786								
<b>Debt Service</b>	(4,715)	(3,273)	(1,910)	(6,500)	(430)	-93.38%	(6,200)	(6,200)
Gain on Sale of Capital Assets	-	11,801	-	-	-	0.00%	-	-
<b>Total Income (Loss)</b>	<b>283</b>	<b>159,650</b>	<b>155,910</b>	<b>37,540</b>	<b>(845,840)</b>	<b>-2353.17%</b>	<b>140,530</b>	<b>119,900</b>
Beginning Net Position	5,565,686	5,565,969	5,725,619	5,725,619	5,881,529	2.72%	5,035,689	5,176,219
<b>Ending Net Position</b>	<b>\$ 5,565,969</b>	<b>\$ 5,725,619</b>	<b>\$ 5,881,529</b>	<b>\$ 5,763,159</b>	<b>\$ 5,035,689</b>	<b>-12.62%</b>	<b>\$ 5,176,219</b>	<b>\$ 5,296,119</b>

**Note:** Actual amounts are on the full-accrual basis of accounting. Accordingly, capital expenses are capitalized and debt service expenses will not include principal amounts paid as these amounts are used to reduce the liability.

# AQUATICS

Recreation Director | Elaine S. Bo

The mission of the Aquatics Division is to offer a comprehensive array of quality aquatic and leisure programs in safe and well-maintained facilities while enriching the lives of our residents and community partners.

## **DEPARTMENT FUNCTION**

### **Administration**

- » Works on capital improvement projects
- » Coordinates marketing
- » Establishes staff assignments
- » Coordinates planning and development
- » Prepares and administers the department budget
- » Manages sponsorship and donations

### **Aquatics Division**

- » Operates the Troy Family Aquatics Center
- » Processes over 55,000 visitors annually
- » Conducts classes including lifeguarding, lifeguard instructor, water safety instructor, learn to swim, preschool and private swim lessons
- » Conducts birthday and celebration parties
- » Provides group rentals and private rentals to residents, businesses and school groups
- » Conducts weekly family nights

**PERFORMANCE INDICATORS**

<b>Performance Indicators</b>	<b>2014/15 Actual</b>	<b>2015/16 Actual</b>	<b>2016/17 Projected</b>	<b>2017/18 Budget</b>
Aquatic Center Admissions	36,021	45,725	46,200	46,000
Season Pass Attendance	18,185	17,200	17,900	17,800
Swim Lesson Registrations	1,021	1,100	1,210	1,150
Residents Daily Visits	9,556	11,500	11,800	11,650
Non-Resident Daily Visits	8,104	10,230	10,750	10,700

**Aquatics**

**SUMMARY OF BUDGET CHANGES**

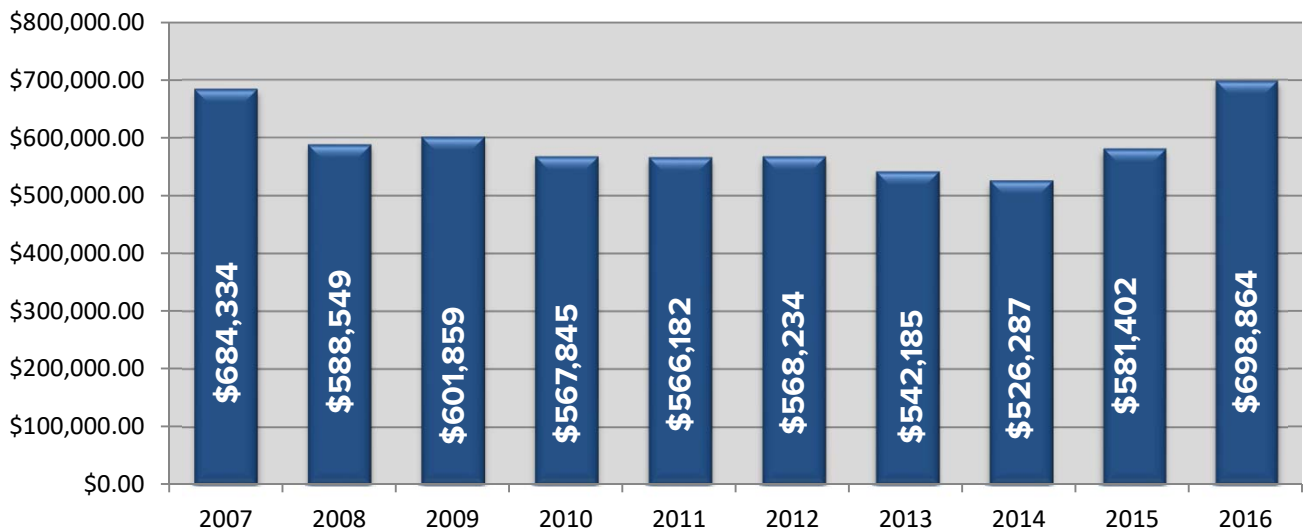
- Significant Notes - 2017/18 Budget Compared to 2016/17 Budget**

Additional hours budgeted for concession cashiers and concession manager.

Personnel								
Summary	2015 Budget		2016 Budget		2017 Budget		2018 Budget	
	Full-Time	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time
Aquatic Center	0	10.6	0	11.4	0	13.5	0	13.1
<b>Total Department</b>	<b>0</b>	<b>10.6</b>	<b>0</b>	<b>11.4</b>	<b>0</b>	<b>13.5</b>	<b>0</b>	<b>13.1</b>

**PERFORMANCE INDICATORS**

- Expense History**



**Enterprise Funds  
Recreation and Culture**

# Aquatic Center

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 587 Aquatic Center</b>								
<b>REVENUES</b>								
Department: 000 Revenue								
Business Unit: 587 Aquatic Revenue								
587.000.00.000								
Charges for Services	\$ 382,756	\$ 710,410	\$ 627,000	\$ 662,000	\$ 664,000	0.30%	\$ 666,000	\$ 666,000
Interest and rents	48,386	18,087	20,700	40,700	40,700	0.00%	40,700	40,700
Other Revenues	-	(4,044)	-	100	100	0.00%	100	100
<b>Total Revenues</b>	<b>431,142</b>	<b>724,453</b>	<b>647,700</b>	<b>702,800</b>	<b>704,800</b>	<b>0.28%</b>	<b>706,800</b>	<b>706,800</b>
<b>EXPENSE</b>								
Business Unit: 787 Aquatic Exp								
Expenditures for Operations								
587.787.00.787								
PERSONAL SERVICES	248,722	287,800	302,060	297,310	316,810	6.56%	323,140	329,610
SUPPLIES	68,219	131,117	106,100	130,250	106,100	-18.54%	108,100	108,100
OTHER SERVICE CHARGES	106,158	107,836	127,220	128,180	130,530	1.83%	133,340	134,420
<b>Total Operating Expense</b>	<b>423,099</b>	<b>526,752</b>	<b>535,380</b>	<b>555,740</b>	<b>553,440</b>	<b>-0.41%</b>	<b>564,580</b>	<b>572,130</b>
<b>Income from Operations (Before Cap/Depr)</b>	<b>8,043</b>	<b>197,701</b>	<b>112,320</b>	<b>147,060</b>	<b>151,360</b>	<b>2.92%</b>	<b>142,220</b>	<b>134,670</b>
Capital/Depreciation Expense								
587.789.00.789								
Depreciation	158,303	172,112	-	-	-	0.00%	-	-
Capital Expenditures	-	-	-	169,000	60,000	-64.50%	75,000	55,000
<b>Total Capital/Depreciation Expense</b>	<b>158,303</b>	<b>172,112</b>	<b>-</b>	<b>169,000</b>	<b>60,000</b>	<b>-64.50%</b>	<b>75,000</b>	<b>55,000</b>
<b>Total Income (Loss)</b>	<b>(150,260)</b>	<b>25,588</b>	<b>112,320</b>	<b>(21,940)</b>	<b>91,360</b>	<b>-516.41%</b>	<b>67,220</b>	<b>79,670</b>
Beginning Net Position	1,222,605	1,072,345	1,097,933	1,097,933	1,210,253	10.23%	1,301,613	1,368,833
<b>Ending Net Position</b>	<b>\$ 1,072,345</b>	<b>\$ 1,097,933</b>	<b>\$ 1,210,253</b>	<b>\$ 1,075,993</b>	<b>\$ 1,301,613</b>	<b>20.97%</b>	<b>\$ 1,368,833</b>	<b>\$ 1,448,503</b>

# WATER & SEWER

Public Works Director | Kurt Bovensiepe

Superintendent of Water and Sewer | Paul Troser

The Water Division is dedicated to serving residents of the City of Troy by ensuring that the quality of the drinking water is above all standards and that water needed to fight fires is never compromised. The Sewer Division is dedicated to ensuring the safe and efficient discharge of wastewater to the Great Lakes Water Authority (GLWA) waste treatment facility.

## DEPARTMENT FUNCTION

### Water and Sewer Billing and Accounts

- » Provides billing, account management and administration
- » Communicates with field staff regarding customer service request and information
- » Provides clerical support to the department
- » Educates consumers on leak detection, water-driven sump pumps, water loss through leaking toilets and lawn sprinkler systems

### Water Transmission and Distribution

- » Provides accurate and continuous readings of water meters
- » Maintains water distribution system, including pressure reducing valves, hydrants, services and meters
- » Responds to citizen service request and inquiries related to water quality questions, water pressure problems and water main construction
- » Inspect, assist and supervises contractors in the development and expansion of the water distribution system
- » Inspects connections to the water supply in commercial buildings and enforces City Ordinances related to cross-connection control

### Sewer Maintenance

- » Maintains, cleans, televises and repairs sanitary sewers, lift stations and manholes
- » Responds to service request calls related to the sanitary sewer system
- » Inspects, assist and supervises subcontractors in the development and expansion of the sanitary sewer system
- » Provides flow metering for a study to identify inflow and infiltration issues

**Water and Sewer  
Summary**

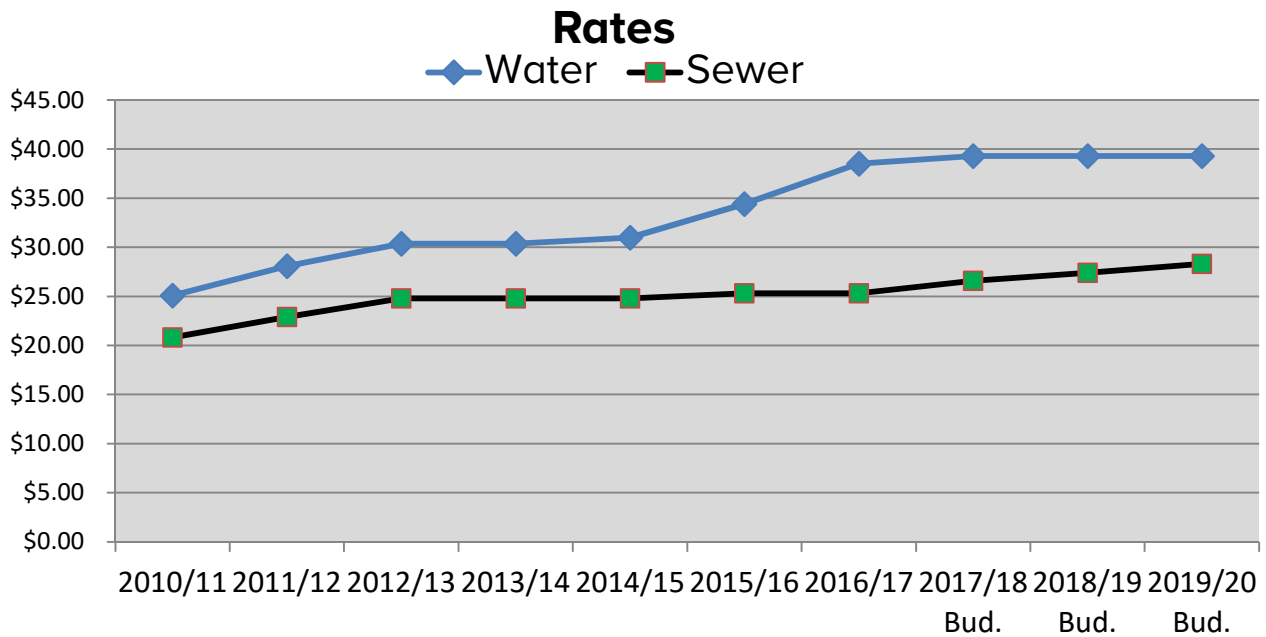
### **PERFORMANCE INDICATORS**

<b>Performance Indicators</b>	<b>2014/15 Actual</b>	<b>2015/16 Actual</b>	<b>2016/17 Projected</b>	<b>2017/18 Budget</b>
Service Request Received	3,246	3,000	3,500	3,000
New Water Taps	138	145	140	135
New Water Meter Installations	138	145	140	135
Backflow Compliance Notices	8,573	12,923	8,500	8,500
Repaired Water Main Breaks	17	16	20	20
Valves Turned	3,200	5,000	5,000	5,000
Miss Dig Teletypes	6,475	6,500	6,300	6,750
Hydrants Winterized	5,925	5,977	6,000	6,050
* Water Sample Testing	400	450	450	450
Sanitary Sewers Cleaned (feet)	1,523,797	985,000	1,200,000	1,300,000
Large Meter Exchanges	42	60	50	50
10 Year Meter Exchanges	2,145	2,100	2,200	2,100
Water & Sewer Customers	27,100	27,200	27,300	27,440
Miles of Water Main	524	529	534	554
Water Purchased from Detroit (MCF)	419,930	458,000	460,000	470,000
Miles of Sanitary Sewer	405	410	415	420
Sanitary Sewer Main Blockages	4	4	4	4

### **Notes on Performance Indicators**

Troy residents and businesses will use an estimated 8% more water in the 2017 budget year when compared to the 2016 budget year. Although water usage across the nation has decreased over the last several years with consumers using water conservative fixtures and products, weather still is an important influence to usage rates. The summer of 2016 was a dry hot summer, which provided more opportunity for residents and businesses to use additional water. The 2017 water use is considered an outlier and it is predicted and budgeted to have a decrease in usage in the 2018 budget year.

**Water and Sewer Summary**



	2010/11 Rates	2011/12 Rates	2012/13 Rates	2013/14 Rates	2014/15 Rates	2015/16 Rates	2016/17 Rates	Budget 2017/18 Rates	Budget 2018/19 Rates	Budget 2019/20 Rates
Water	\$25.08	\$28.10	\$30.35	\$30.35	\$31.00	\$34.40	\$38.50	\$39.30	\$39.30	\$39.30
Sewer	\$20.82	\$22.90	\$24.80	\$24.80	\$24.80	\$25.30	\$25.30	\$26.60	\$27.40	\$28.30
<b>Total Rate</b>	<b>\$45.90</b>	<b>\$51.00</b>	<b>\$55.15</b>	<b>\$55.15</b>	<b>\$55.80</b>	<b>\$59.70</b>	<b>\$63.80</b>	<b>\$65.90</b>	<b>\$66.70</b>	<b>\$67.60</b>

Rate Increase	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	Budget 2017/18	Budget 2018/19	Budget 2019/20
Rate	\$ 0.40	\$ 5.10	\$ 4.15	\$ -	\$ 0.65	\$ 3.90	\$ 4.10	\$ 2.10	\$ 0.80	\$ 0.90
Percent	0.9%	11.1%	8.1%	0.0%	1.2%	7.0%	6.9%	3.3%	1.2%	1.3%

Average Quarterly Consumer Billing based on 3.9 mcf:	\$232.83	\$248.82	\$257.01	\$260.13	\$263.64
Increase Per Quarterly Billing		\$15.99	\$8.19	\$3.12	\$3.51

Positions	2015 Budget		2016 Budget		2017 Budget		2018 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Water/Sewer Division	35.06	1.4	36.3	1.4	35.82	1	35.73	1.5
<b>Total Department</b>	<b>35.06</b>	<b>1.4</b>	<b>36.3</b>	<b>1.4</b>	<b>35.82</b>	<b>1</b>	<b>35.73</b>	<b>1.5</b>



**Water and Sewer**

**SUMMARY OF BUDGET CHANGES**

**• Significant Notes - 2017/18 Budget Compared to 2016/17**

Great Lakes Water Authority (formerly Detroit Water and Sewer Dept. (DWSD)) increased the water cost fixed rate from \$7.8 million to \$8.2 million and increased the variable rate from \$12.01 to \$12.04 per mcf. The combined purchased water cost is estimated at \$13.9 million based on an estimated usage of 470,000 mcf. Sewer costs are 100% fixed for both the G.W. Kuhn and Evergreen-Farmington drains. The total fee for both systems is expected to increase from \$9.8 million to \$10.5 million or \$750 thousand or 7.7%.

**Detroit Water & Sewer Department Rate:**

Year	Fixed Fee	Variable Rate	Combined Rate	Est. Usage (mcf)
2012/13	3,930,000	\$10.80	\$18.42	516,000
2013/14	4,342,000	\$11.93	\$20.12	530,000
2014/15	4,533,000	\$12.45	\$21.00	530,000
2015/16	7,232,000	\$10.76	\$26.90	448,000
2016/17	7,836,000	\$12.01	\$29.04	460,000
<b>2017/18</b>	<b>8,242,000</b>	<b>\$12.04</b>	<b>\$29.57</b>	<b>470,000</b>

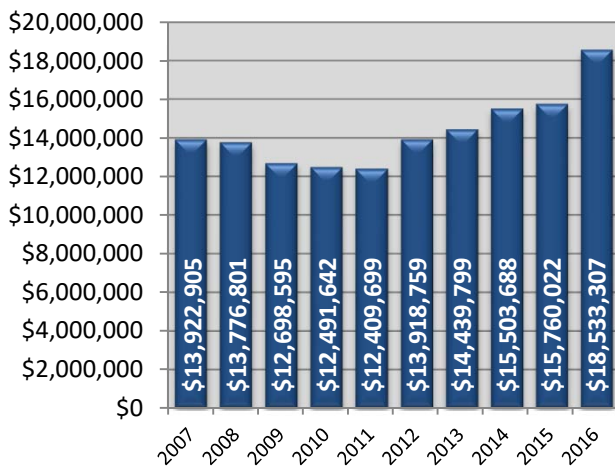
**G.W. Kuhn Sewerage Rate:**

Year	Fixed Fee	Variable Rate	Combined Rate	Est. Usage (mcf)
2012/13	619,000	\$15.06	\$16.07	464,400
2013/14	602,500	\$15.80	\$16.94	477,000
2014/15	7,579,000	\$0.00	\$17.62	477,000
2015/16	7,854,000	\$0.00	\$19.47	403,200
2016/17	7,940,400	\$0.00	\$20.51	387,130
<b>2017/18</b>	<b>8,738,220</b>	<b>\$0.00</b>	<b>\$21.84</b>	<b>400,000</b>

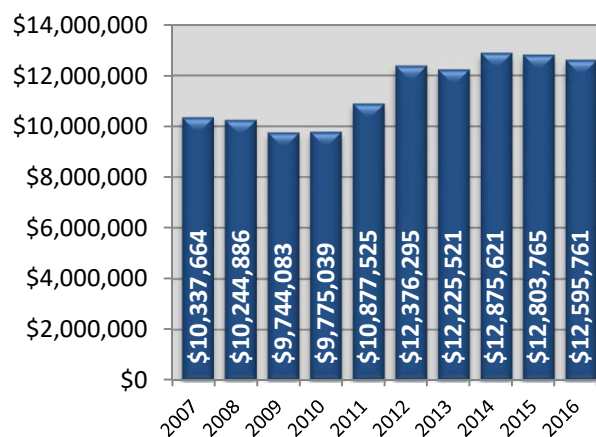
**Evergreen-Farmington Sewerage Rate:**

Year	Fixed Fee	Variable Rate	Combined Rate	Est. Usage (mcf)
2012/13	11,000	\$18.81	\$18.96	51,600
2013/14	11,500	\$19.26	\$19.42	53,000
2014/15	1,594,000	\$0.00	\$20.20	53,000
2015/16	1,651,000	\$0.00	\$36.85	44,800
2016/17	1,629,000	\$0.00	\$22.35	72,870
<b>2017/18</b>	<b>1,794,340</b>	<b>\$0.00</b>	<b>\$25.63</b>	<b>70,000</b>

**Operating Budget History - Water**



**Operating Budget History - Sewer**



**Enterprise Funds  
Public Works**

# Sewer Fund

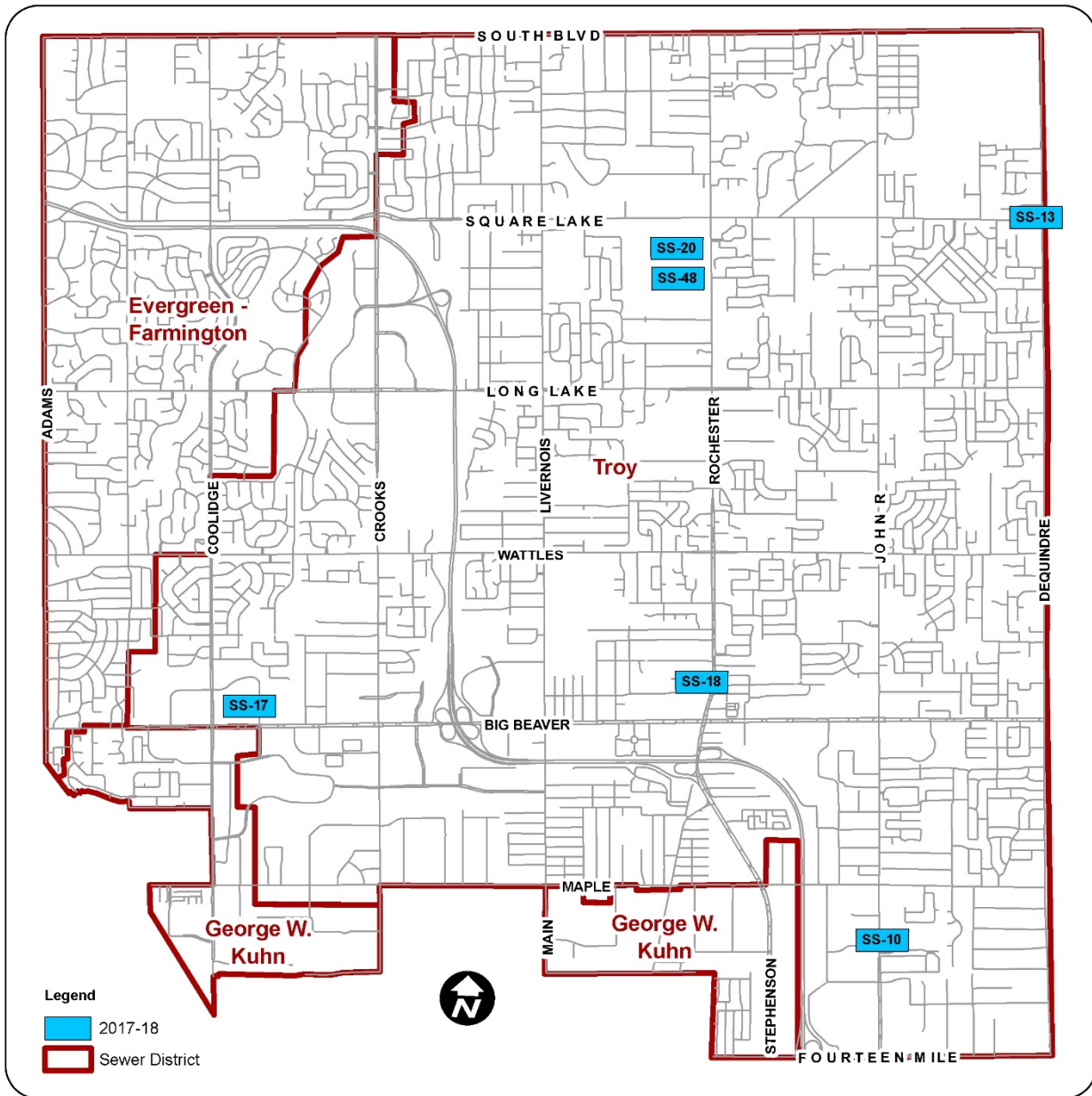
	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 590 Sewer Fund</b>								
<b>REVENUES</b>								
Department: 000 Revenue								
Business Unit: 590 Sewer Revenue								
590.000.00.000								
Charges for Services	\$ 11,900,157	\$ 12,469,649	\$ 13,373,410	\$ 12,623,000	\$ 13,344,920	5.72%	\$ 14,557,180	\$ 14,981,690
Federal Grants - SAW	226,636	232,587	491,250	334,000	-	-100.00%	-	-
Interest and rents	101,532	445,700	220,300	186,300	220,300	18.25%	220,300	220,300
Other Revenues	42,504	235,403	6,750	-	-	0.00%	-	-
<b>Total Revenues</b>	<b>12,270,829</b>	<b>13,383,339</b>	<b>14,091,710</b>	<b>13,143,300</b>	<b>13,565,220</b>	<b>3.21%</b>	<b>14,777,480</b>	<b>15,201,990</b>
<b>EXPENSE</b>								
Expenditures for Operations								
Business Unit: 527 Sewer Administration								
590.527.00.527								
Personal Services	273,289	255,360	209,670	348,210	347,110	-0.32%	355,000	363,080
Supplies	-	0	2,000	4,000	4,000	0.00%	4,000	4,000
Other Service Charges	10,598,677	10,405,155	10,950,880	10,900,880	11,815,460	8.39%	12,238,550	12,678,400
<b>Total Sewer Administration</b>	<b>10,871,966</b>	<b>10,660,515</b>	<b>11,162,550</b>	<b>11,253,090</b>	<b>12,166,570</b>	<b>8.12%</b>	<b>12,597,550</b>	<b>13,045,480</b>
Business Unit: 536 Sewer Maintenance								
590.527.00.536								
Personal Services	479,983	481,392	482,080	908,460	853,350	-6.07%	872,330	891,750
Supplies	99,702	82,695	55,100	44,600	85,130	90.87%	85,160	85,160
Other Service Charges	206,941	212,973	228,910	274,200	274,470	0.10%	275,030	275,090
<b>Total Sewer Maintenance</b>	<b>786,626</b>	<b>777,061</b>	<b>766,090</b>	<b>1,227,260</b>	<b>1,212,950</b>	<b>-1.17%</b>	<b>1,232,520</b>	<b>1,252,000</b>
<b>Total Operating Expense (Before Cap/Depr)</b>	<b>11,658,592</b>	<b>11,437,576</b>	<b>11,928,640</b>	<b>12,480,350</b>	<b>13,379,520</b>	<b>7.20%</b>	<b>13,830,070</b>	<b>14,297,480</b>

**Enterprise Funds  
Public Works**

# Sewer Fund

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Total Operating Income (Before Cap/Depr)</b>	612,238	1,945,763	2,163,070	662,950	185,700	-71.99%	947,410	904,510
<b>Business Unit: 535 Capital/Depreciation Expense</b>								
590.527.00.535								
Depreciation	1,145,173	1,158,185	-	-	-	0.00%	-	-
Capital Expenditures	0	(0)	1,010,000	2,058,000	2,570,000	24.88%	2,300,000	1,100,000
<b>Total Capital/Depreciation Expense</b>	<b>1,145,173</b>	<b>1,158,185</b>	<b>1,010,000</b>	<b>2,058,000</b>	<b>2,570,000</b>	<b>24.88%</b>	<b>2,300,000</b>	<b>1,100,000</b>
<b>Total Operating Income (Loss)</b>	<b>(532,935)</b>	<b>787,578</b>	<b>1,153,070</b>	<b>(1,395,050)</b>	<b>(2,384,300)</b>	<b>70.91%</b>	<b>(1,352,590)</b>	<b>(195,490)</b>
<b>Business Unit: 536 Other Financing Uses</b>								
Transfers Out	-	-	-	-	-	0.00%	-	-
<b>Total Income (Loss)</b>	<b>(532,935)</b>	<b>787,578</b>	<b>1,153,070</b>	<b>(1,395,050)</b>	<b>(2,384,300)</b>	<b>70.91%</b>	<b>(1,352,590)</b>	<b>(195,490)</b>
Beginning Net Position	65,890,626	65,357,691	66,145,269	66,145,269	67,298,339	1.74%	64,914,039	63,561,449
<b>Ending Net Position</b>	<b>\$ 65,357,691</b>	<b>\$ 66,145,269</b>	<b>\$ 67,298,339</b>	<b>\$ 64,750,219</b>	<b>\$ 64,914,039</b>	<b>0.25%</b>	<b>\$ 63,561,449</b>	<b>\$ 63,365,959</b>

# Sewer Fund Capital



Sewer Fund Capital

SEWER FUND 2017/18 BUDGET (590.527.535.7973)

Map Number	Project Number	Project Name	Total Project Cost	Total City Cost	Other Sources	16/17 Amended Budget	16/17 Expenditure to 6/30/17	16/17 Balance at 6/30/17	Proposed 17/18 Budget	Comments
SS-4	09.401.5	Miscellaneous Sanitary Sewer Locations	2,500,000	2,500,000	-	250,000	70,000	180,000	500,000	City Wide Sanitary Sewer Extension Program
	14.401.6	SAW Grant - Sanitary Sewer	1,250,000	250,000	-	408,000	655,000	(247,000)	-	SAW Grant - \$1M
SS-10	17.402.5	Big Beaver Relief Sewer	6,000,000	6,000,000	-	-	-	-	100,000	Big Beaver Interceptor
SS-13	16.401.5	Dequindre, Long Lake to Square Lake	600,000	600,000	-	600,000	-	600,000	600,000	Part of Dequindre Widening
SS-17	16.403.5	Lift Station Renovation	500,000	500,000	-	100,000	-	100,000	500,000	7 Stations
SS-18	16.402.5	Sturgis Drain Sewer Bank Stabilization	600,000	600,000	-	600,000	-	600,000	600,000	Bank Stabilization to Protect Sanitary Sewer
	16.404.5	Sanitary Sewer CIPP	185,000	185,000	-	-	185,000	(185,000)	-	
SS-20	17.401.5	SCADA Upgrade	70,000	70,000	-	-	-	-	70,000	
SS-48	7978	DPW Renovations	100,000	100,000	-	-	-	-	100,000	By DPW
SS-49	7973.0001	Various Projects & Locations	50,000	50,000	-	50,000	50,000	-	50,000	Various Projects
SS-50	7978.010	General Equipment	50,000	50,000	-	50,000	50,000	-	50,000	DPW
TOTALS:			11,905,000	10,905,000	-	2,058,000	1,010,000	1,048,000	2,570,000	
Revenue (State Funds)							333,000		-	

## Sewer Fund Capital

The City of Troy is divided into 3 sanitary sewer districts: the George W. Kuhn Drainage District (formerly the Twelve Towns Drainage District); Evergreen-Farmington Sewage Disposal District; and the Troy Sewage Disposal District. Wastewater from all 3 districts is carried through large diameter interceptor pipes to the Detroit Wastewater Treatment Plant for treatment before discharge to the Detroit River. Following is a description of the specific functions of each district:

### ***George W. Kuhn (GWK) Drainage District***

The George W. Kuhn Drainage District (formerly the Twelve Towns Drainage District) serves all or part of 14 communities, encompassing a drainage area of 24,500 acres upstream of the Red Run Drain, a tributary of the Clinton River. During dry weather, all flow is routed to the Detroit Wastewater Treatment Plant, but during heavy rainfall, high volumes of combined sewage (typically more than 93 percent storm water) exceed the outlet capacity to Detroit, causing excess flow to be diverted to the George W. Kuhn Retention Treatment Basin (GWK RTB) where it is stored, screened and disinfected prior to discharge to the Red Run Drain. The GWK RTB construction was completed in 2006.

### ***Evergreen-Farmington Sewage Disposal District***

This district is in the northwest portion of the city in the Rouge River Drainage Basin. This interceptor was constructed by the Oakland County Department of Public Works in 1959 and serves the City of Troy and surrounding communities. The County contracted with each community for their share of the interceptor based on population.

### ***Troy Sewage Disposal District***

The interceptor sewers in this district were constructed for the City of Troy by the Oakland County Department of Public Works. The sanitary flow from this district discharges to the Dequindre Interceptor at 14 Mile and Dequindre. The city contracted for capacity in the Southeastern Oakland County Sewage Disposal System. Troy's capacity was computed on the basis of population in the GWK Drainage District and the Troy Sewage Disposal District.

Sewer Fund projects typically are initiated to address one of 3 issues:

- ◆ To provide for the City of Troy's share towards major sewer projects that may be mandated by state or federal laws or permit requirements.
- ◆ Sewer system studies that identify projects to address state and federal requirements.
- ◆ Elimination of septic systems in Troy.

### ***SS-4. Miscellaneous Sanitary Sewer Locations***

This annual amount budgeted is to provide for new sanitary sewer throughout the city. Locations that are currently serviced by septic systems have been identified. A continuation of this program will require that right-of-way and/or easements be acquired in order to construct additional sanitary sewer. Specific locations are not delineated on the map due to the small size of most locations. This project will be paid for entirely by City funds.

**Sewer Fund Capital*****SS-10. Big Beaver Relief Sewer***

This is a future project to construct a large diameter relief sewer to provide for additional capacity to serve the area adjacent to Big Beaver Road, south of I-75. This would also involve a future large diameter relief sewer between Big Beaver Road and Fourteen Mile Road that ultimately outlets to the Dequindre interceptor. Flow monitoring of the affected areas was recently completed which show a relief sewer is currently not needed, but population changes and redevelopment of the Big Beaver corridor are major items that impact the current and proposed flows within this project area in the future. Funds are budgeted to begin the design effort with the assumption that redevelopment of the Big Beaver corridor in the future would necessitate the relief sewer. This project will be paid for entirely by City funds.

***SS-13. Dequindre, Long Lake to South Boulevard (Sanitary Sewer)***

A new sanitary sewer will be constructed at various locations as part of the reconstruction and widening project. It is the City's policy to construct underground utilities when a road is reconstructed to avoid having to remove new or newer pavement sometime after the road has been completed. The construction of this sewer would also provide an outlet for residents who are currently on septic systems. The sanitary sewer portion of the project will be paid for entirely by City funds.

***SS-17. Lift Station Renovation (7 Stations)***

This project will evaluate and update the 7 lift stations in the city's sewer system. Six (6) are wet well/dry well designs, one (1) is a submersible design. All were built in the 1964 - 1965 timeframe. While the electronic control systems have been upgraded recently, the pumps/valves and structures are mostly original and out dated designs, that clog frequently, requiring extensive maintenance.

***SS-18. Sturgis Drain Sewer Bank Stabilization***

The Sturgis Drain, northwest corner of Rochester and Big Beaver, has eroded the bank behind the existing retail complex and is compromising the existing sanitary sewer. This erosion is undermining the sanitary sewer that runs along the bank of the drain. This project will relocate the drain to the north, back to its original location, soften the steepness of the banks and stabilize and protect the banks from further erosion. The project will be paid for entirely by City funds.

***SS-20. SCADA Upgrade***

The water and sewer division use a telemetry system or Supervisory Control and Data Acquisition (SCADA) to monitor the sanitary sewer pump stations and the water control valves throughout the city. The system also sends alarms to on-call personnel advising them to critical situations. The SCADA system is monitored 24/7. The existing SCADA system is over 10 years old and is limited in its capabilities. New technology in the telemetry/SCADA segment have emerged in recent years that allows greater capabilities to be utilized by system operators, which in turn allow for more efficient operation of water and sewer systems. This upgrade would also include technical support, which is not part of the existing SCADA system.

## Sewer Fund Capital

### ***MR-48. DPW Renovations***

The DPW building was built in 1972 and has had one major renovation since then in 2001. The dynamics of the services offered at the DPW since the last renovation has changed and requires front desk and office reconfiguration. Changing dynamics include removing cubicle walls for a more collaborative environment, better service desk for customers, and a receiving window for goods.

### ***SS-49. Various Projects and Locations***

This item is used for small projects that are encountered throughout the year that do not fit within a traditional sewer fund project. Examples are maintenance items and expenditures for materials for the sewer system. An annual amount is included in the budget which is on-going and is paid for entirely by City funds.

### ***SS-50. General Equipment***

This is an annual budget amount in the Sewer Fund for miscellaneous equipment required by the Public Works or Engineering Department for work associated with the Sewer Fund that are otherwise not specifically noted in the capital improvement plan. The budget amount is established annually based on anticipated needs and is on-going. This project will be paid for entirely by City funds.



**Enterprise Funds  
Public Works**

# Water Fund

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 591 Water Fund</b>								
<b>REVENUES</b>								
Department: 000 Revenue								
Business Unit: 591 Water Revenue								
591.000.00.000								
Charges for Services	\$ 14,624,761	\$ 17,459,813	\$ 20,190,630	\$ 18,772,000	\$ 19,533,000	4.05%	\$ 20,672,000	\$ 20,672,000
Interest and rents	29,952	239,395	107,300	108,000	108,000	0.00%	108,000	108,000
Other Revenues	35,976	634,492	403	97,170	98,230	1.09%	100,100	100,100
<b>Total Revenues</b>	<b>14,690,689</b>	<b>18,333,700</b>	<b>20,298,333</b>	<b>18,977,170</b>	<b>19,739,230</b>	<b>4.02%</b>	<b>20,880,100</b>	<b>20,880,100</b>
<b>EXPENSE</b>								
Expenditures for Operations								
Transmission/Distribute								
591.537.00.537								
Personal Services	86,270	67,303	89,010	160,800	136,470	-15.13%	139,560	142,720
Supplies	16,429	4,015	30,000	25,000	30,000	20.00%	30,000	30,000
Other Service Charges	28,028	25,131	29,200	29,200	29,400	0.68%	29,600	29,600
<b>Total Water Transmission/Distribution</b>	<b>130,728</b>	<b>96,449</b>	<b>148,210</b>	<b>215,000</b>	<b>195,870</b>	<b>-8.90%</b>	<b>199,160</b>	<b>202,320</b>
Business Unit: 538 Water Customer Cross Connect								
591.537.00.538								
Personal Services	108,944	115,562	115,840	115,740	103,170	-10.86%	105,360	107,580
Supplies	2,000	5,536	4,000	3,000	5,000	66.67%	5,000	5,000
Other Service Charges	9,657	9,955	9,000	10,000	10,000	0.00%	10,000	10,000
<b>Total Water Customer Cross Connection</b>	<b>120,601</b>	<b>131,053</b>	<b>128,840</b>	<b>128,740</b>	<b>118,170</b>	<b>-8.21%</b>	<b>120,360</b>	<b>122,580</b>

**Enterprise Funds  
Public Works**

# Water Fund

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 539 Water Contractors Service</b>								
591.537.00.539								
Personal Services	256,738	197,736	223,010	163,910	158,510	-3.29%	162,070	165,700
Supplies	3,497	2,929	2,000	2,000	2,200	10.00%	2,200	2,200
Other Service Charges	17,280	16,086	16,000	17,000	17,500	2.94%	17,500	17,500
<b>Total Water Contractors Service</b>	<b>277,515</b>	<b>216,751</b>	<b>241,010</b>	<b>182,910</b>	<b>178,210</b>	<b>-2.57%</b>	<b>181,770</b>	<b>185,400</b>
<b>Business Unit: 540 Water Main Testing</b>								
591.537.00.540								
Personal Services	17,790	36,346	37,470	70,050	85,800	22.48%	87,710	89,650
Supplies	119	282	700	1,000	1,100	10.00%	1,100	1,100
Other Service Charges	1,008	2,136	3,000	3,000	3,100	3.33%	3,200	3,200
<b>Total Water Main Testing</b>	<b>18,917</b>	<b>38,763</b>	<b>41,170</b>	<b>74,050</b>	<b>90,000</b>	<b>21.54%</b>	<b>92,010</b>	<b>93,950</b>
<b>Business Unit: 541 Maintenance of Mains</b>								
591.537.00.541								
Personal Services	287,300	218,745	189,620	426,850	325,550	-23.73%	332,940	340,510
Supplies	21,426	35,467	35,000	35,000	35,000	0.00%	35,000	35,000
Other Service Charges	127,016	121,087	115,000	124,200	124,200	0.00%	124,200	124,200
<b>Total Maintenance of Mains</b>	<b>435,742</b>	<b>375,299</b>	<b>339,620</b>	<b>586,050</b>	<b>484,750</b>	<b>-17.29%</b>	<b>492,140</b>	<b>499,710</b>

**Enterprise Funds  
Public Works**

# Water Fund

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 542 Maintenance of Services</b>								
591.537.00.542								
Personal Services	160,221	319,649	270,370	332,810	408,340	22.69%	417,670	427,240
Supplies	7,627	64,041	50,000	55,000	55,000	0.00%	55,000	55,000
Other Service Charges	57,414	143,282	75,000	70,000	75,000	7.14%	78,000	80,000
<b>Total Maintenance of Services</b>	<b>225,262</b>	<b>526,972</b>	<b>395,370</b>	<b>457,810</b>	<b>538,340</b>	<b>17.59%</b>	<b>550,670</b>	<b>562,240</b>
<b>Business Unit: 543 Maintenance of Meters</b>								
591.537.00.543								
Personal Services	430,814	393,627	404,620	513,080	465,960	-9.18%	476,650	487,630
Supplies	57,711	324,911	350,000	330,000	335,000	1.52%	335,000	335,000
Other Service Charges	29,089	27,000	30,000	58,000	58,000	0.00%	58,000	58,000
<b>Total Maintenance of Meters</b>	<b>517,614</b>	<b>745,538</b>	<b>784,620</b>	<b>901,080</b>	<b>858,960</b>	<b>-4.67%</b>	<b>869,650</b>	<b>880,630</b>
<b>Business Unit: 544 Maintenance of Hydrants</b>								
591.537.00.544								
Personal Services	182,120	185,186	220,210	337,380	370,710	9.88%	379,030	387,530
Supplies	2,051	43,600	24,000	23,000	25,000	8.70%	26,000	27,000
Other Service Charges	54,369	60,786	83,200	83,200	83,200	0.00%	83,200	83,200
<b>Total Maintenance of Hydrants</b>	<b>238,540</b>	<b>289,571</b>	<b>327,410</b>	<b>443,580</b>	<b>478,910</b>	<b>7.96%</b>	<b>488,230</b>	<b>497,730</b>

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**Enterprise Funds  
Public Works**

# Water Fund

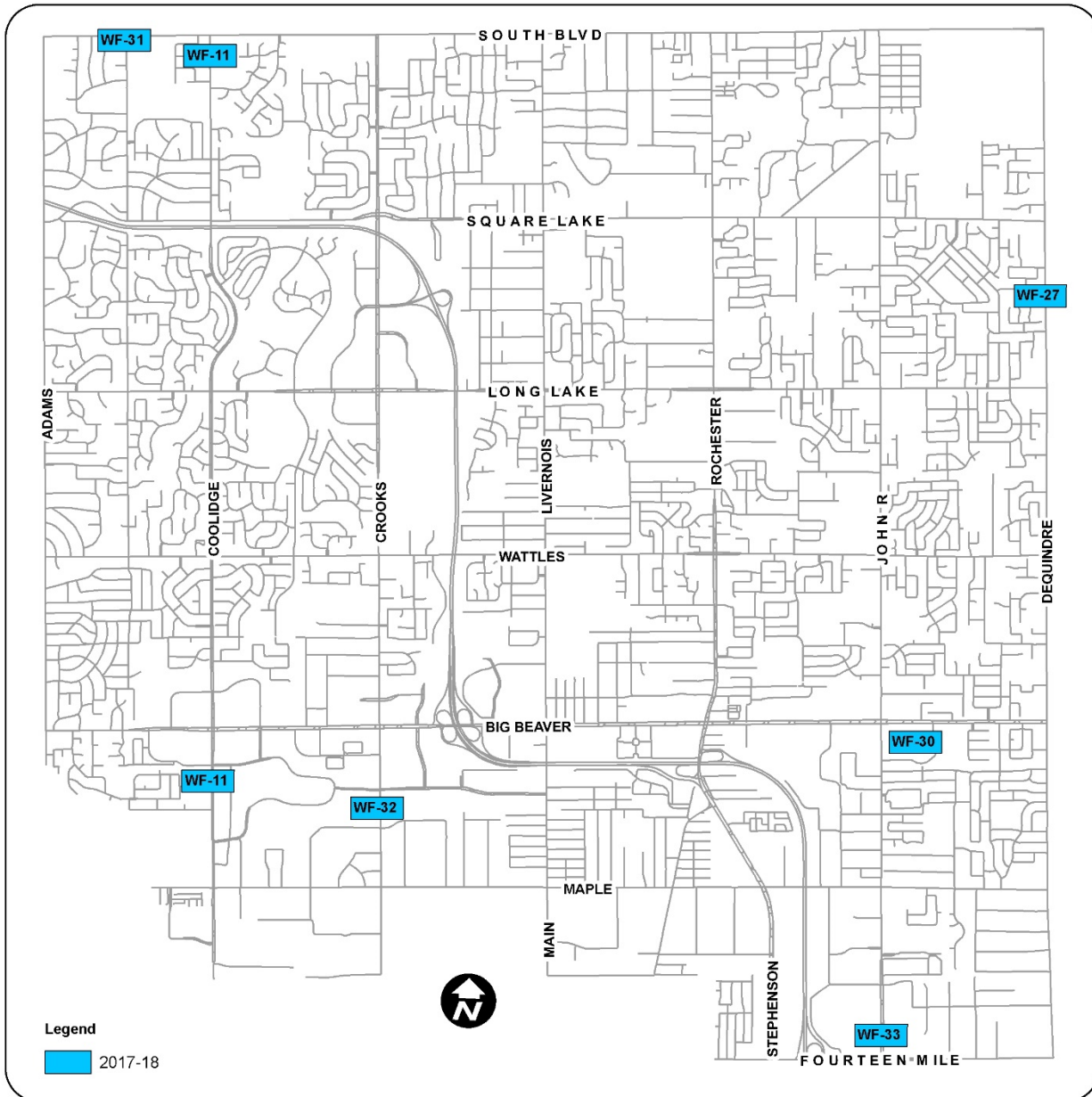
	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 545 Water Meter &amp; Tap-Ins</b>								
591.537.00.545								
Personal Services	95,607	335	-	-	-	0.00%	-	-
Supplies	298,924	32,005	-	-	-	0.00%	-	-
Other Service Charges	56,818	-	-	-	-	0.00%	-	-
<b>Total Water Meter &amp; Tap-Ins</b>	<b>451,350</b>	<b>32,340</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>
<b>Business Unit: 548 Water Administration</b>								
591.537.00.548								
Personal Services	570,653	645,507	914,910	323,660	356,540	10.16%	364,810	373,290
Supplies	32,501	27,139	26,500	26,000	26,000	0.00%	26,000	26,000
Other Service Charges	10,249,449	12,854,494	14,298,430	13,868,480	14,446,740	4.17%	15,378,670	15,979,090
<b>Total Water Administration</b>	<b>10,852,603</b>	<b>13,527,140</b>	<b>15,239,840</b>	<b>14,218,140</b>	<b>14,829,280</b>	<b>4.30%</b>	<b>15,769,480</b>	<b>16,378,380</b>
<b>Business Unit: 546 Water Accounting</b>								
591.546.00.546								
Personal Services	43,398	33,591	46,530	69,680	95,010	36.35%	97,160	99,360
Supplies	49	-	-	-	-	0.00%	-	-
Other Service Charges	3,074	2,332	3,500	5,900	5,900	0.00%	5,900	5,900
<b>Total Water Administration</b>	<b>46,522</b>	<b>35,923</b>	<b>50,030</b>	<b>75,580</b>	<b>100,910</b>	<b>33.51%</b>	<b>103,060</b>	<b>105,260</b>

**Enterprise Funds  
Public Works**

# Water Fund

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Business Unit: 547 Water Accounting &amp; Collect</b>								
591.546.00.547								
Personal Services	75,628	83,605	40,250	95,340	56,040	-41.22%	57,290	58,570
Supplies	42,732	45,991	41,500	43,000	43,000	0.00%	43,000	43,000
Other Service Charges	59,191	63,872	43,140	54,140	62,610	15.64%	63,110	63,620
<b>Total Water Administration</b>	<b>177,550</b>	<b>193,469</b>	<b>124,890</b>	<b>192,480</b>	<b>161,650</b>	<b>-16.02%</b>	<b>163,400</b>	<b>165,190</b>
<b>Total Operating Expenses (Before Cap/Depr)</b>	<b>13,492,942</b>	<b>16,209,268</b>	<b>17,821,010</b>	<b>17,475,420</b>	<b>18,035,050</b>	<b>3.20%</b>	<b>19,029,930</b>	<b>19,693,390</b>
<b>Total Operating Income (Before Cap/Depr)</b>	<b>1,197,746</b>	<b>2,124,432</b>	<b>2,477,323</b>	<b>1,501,750</b>	<b>1,704,180</b>	<b>13.48%</b>	<b>1,850,170</b>	<b>1,186,710</b>
<b>Business Unit: 555 Capital/Depreciation Expense</b>								
591.537.00.555								
Depreciation	2,259,215	2,324,039	-	-	-	0.00%	-	-
Capital Expenditures	7,864	(0)	1,977,000	1,984,240	2,100,000	5.83%	1,800,000	2,000,000
<b>Total Capital/Depreciation Expense</b>	<b>2,267,079</b>	<b>2,324,039</b>	<b>1,977,000</b>	<b>1,984,240</b>	<b>2,100,000</b>	<b>5.83%</b>	<b>1,800,000</b>	<b>2,000,000</b>
<b>Total Income (Loss)</b>	<b>(1,069,332)</b>	<b>(199,607)</b>	<b>500,323</b>	<b>(482,490)</b>	<b>(395,820)</b>	<b>-17.96%</b>	<b>50,170</b>	<b>(813,290)</b>
Beginning Net Position	100,708,263	99,638,931	99,439,323	99,439,323	99,939,646	0.50%	99,543,826	99,593,996
<b>Ending Net Position</b>	<b>\$ 99,638,931</b>	<b>\$ 99,439,323</b>	<b>\$ 99,939,646</b>	<b>\$ 98,956,833</b>	<b>\$ 99,543,826</b>	<b>0.59%</b>	<b>\$ 99,593,996</b>	<b>\$ 98,780,706</b>

# Water Fund Capital



**Water Fund Capital**

<b>WATER FUND 2017/18 BUDGET (591.537.555.7972)</b>										
Map Number	Project Number	Project Name	Total Project Cost	Total City Cost	Other Sources	16/17 Amended Budget	16/17 Expenditure to 6/30/17	16/17 Balance at 6/30/17	Proposed 17/18 Budget	Comments
	10.502.5	Section 16 SE 1/4	2,700,000	2,700,000	-	-	13,000	(13,000)	-	
	12.501.5	Section 4 North 1/2	750,000	750,000	-	100,000	20,000	80,000	-	
	14.501.5	Section 4 South 1/2	4,000,000	4,000,000	-	100,000	15,000	85,000	-	
	14.502.5	Section 19 NE 1/4	500,000	500,000	-	-	10,000	(10,000)	-	
	14.504.5	Maxwell & Stutz	1,500,000	1,500,000	-	-	100,000	(100,000)	-	
	16.504.5	Stonecrest/Dog Park WM Loop	200,000	200,000	-	-	72,000	(72,000)	-	
	16.505.5	Wattles, John R to Dequindre	1,521,000	1,521,000	-	1,521,000	1,521,000	-	-	
	16.506.5	Adams, Under I75	121,500	121,500	-	121,500	121,000	500	-	
WF-30	17.502.5	Roundtree Loop	275,000	275,000	-	-	-	-	275,000	Water Main Replacement
WF-31	17.503.5	Beach PRV	600,000	600,000	-	-	-	-	600,000	PRV Replacement at Beach and South Blvd
WF-32	17.504.5	2200, 2272, 2466 Crooks Crossings	310,000	310,000	-	-	-	-	310,000	6" & 8" Water Main Crossings
WF-33	17.505.5	14 Mile & John R Valves	340,000	340,000	-	-	-	-	340,000	Replace Gate Valve & Wells on 14 Mile at John R
WF-27	17.506.5	Dequindre, Long Lake to South Blvd	200,000	200,000	-	-	-	-	200,000	Part of Dequindre Reconstruction & Widening
WF-11	17.507.5	Road Crossings Axtell & Coolidge	200,000	200,000	-	-	-	-	200,000	1640, 1670, 1890 & 1902 Axtell/Coolidge, South Blvd to Mountain
WF-49	7972.0001	Various Projects & Locations	50,000	50,000	-	50,000	50,000	-	50,000	Various Projects
WF-50	7978.010	General Equipment	125,000	125,000	-	91,740	55,000	36,740	125,000	By DPW
<b>TOTALS:</b>			<b>13,392,500</b>	<b>13,392,500</b>	<b>-</b>	<b>1,984,240</b>	<b>1,977,000</b>	<b>7,240</b>	<b>2,100,000</b>	

## Water Fund Capital

The City of Troy receives its water from the City of Detroit through large diameter transmission mains, ranging in size from 54-inch to 84-inch, that flow into the city through six (6) Great Lakes Water Authority (GLWA) metered locations located along the perimeter of the city. There are two (2) of these meter vaults located along Adams, two (2) along South Boulevard and two (2) along Dequindre. The water flows from these entrance points through approximately 536 miles of city water mains consisting of 6-inch to 36-inch mains. Pressures are increased or reduced, as needed, within the five (5) pressure districts within the city to maintain proper fire flows and pressures in response to water demands.

The city water system is managed by the use of a Supervisory Control and Data Acquisition (SCADA) system. SCADA allows the collection of real-time operations data and the ability to monitor locations to optimize the overall water system. The SCADA system is comprised of twenty-two remote data collection sites, the central computer location at the DPW yard and six GLWA meter vaults.

Proposed projects in the Water Fund are selected primarily based on the following factors:

- ◆ History of water main breaks
- ◆ Flow requirements based on the Water System Master Plan
- ◆ Age of the water main
- ◆ Coordination with other capital improvement projects
- ◆ Redundancy or the looping of the water system
- ◆ Size of the water main

The proposed water system projects are flexible, allowing for the addition of new improvements to address specific needs. Studies and analysis of the existing system is an on-going endeavor that, coupled with new technologies, provides for improved system capabilities and reliability.

### ***WF-11. Axtell & Coolidge Road Crossings (Water Main Replacement)***

This project will replace existing road crossings at 1640, 1670, 1890 and 1902 Axtell and on Coolidge Hwy. between South Boulevard and Square Lake. The road crossings supply residential or commercial water services and/or fire hydrants. There have been multiple breaks on these 8" cast Iron mains. Replacement of older water mains reduces the number of water main breaks that occur, reducing costs for repairs.

### ***WF-27. Dequindre, Long Lake to South Boulevard (Water Main Replacement)***

Portions of the existing water main will be replaced with a new 12" water main to accommodate the reconstruction and widening of Dequindre to a new 5-lane concrete pavement. Replacement of older water mains reduces the number of water main breaks that occur, reducing costs for repairs.

### ***WF-30. Roundtree Loop - Wexford Condominiums (Water Main Replacement)***

Replace and relocate sections of water main that are located under porches and structures. Water main breaks in this area have required the removal of entire front porch and walkways, causing expensive repairs and disruption to residents.



**Water Fund Capital*****WF-31. Beach Road Pressure Reducing Vault (PRV)***

During the 84" water main break experienced in November 2016, it was discovered that a permanent PRV connection at the site of an unused GLWA to Troy connection was located at Beach Rd and South Blvd. This connection would give city a needed redundant feed. This connection will allow the city the ability to supply water and limit disruptions in the northwest section of the city, when necessary.

***WF-32. 2200, 2272 and 2246 Crooks Road Crossings (Water Main Replacement)***

This project will replace sections of 40-50 year old water main that runs under Crooks Rd. and supplies water to apartment complexes on the East side. Water main breaks have been experienced on the east side of Crooks Road on these sections of water main.

***WF-33. 14 Mile and John R (Valve Replacement)***

This project will relocate a section of 16" transmission water main out of the center of the intersection of 14 Mile and John R. The valves in this intersection have experienced deterioration from their exposure to salt and traffic, causing leaks that require water turn offs affecting many commercial properties and large traffic disruptions. The valves and water main will be rerouted to allow more efficient and safer access while providing less exposure to corrosion.

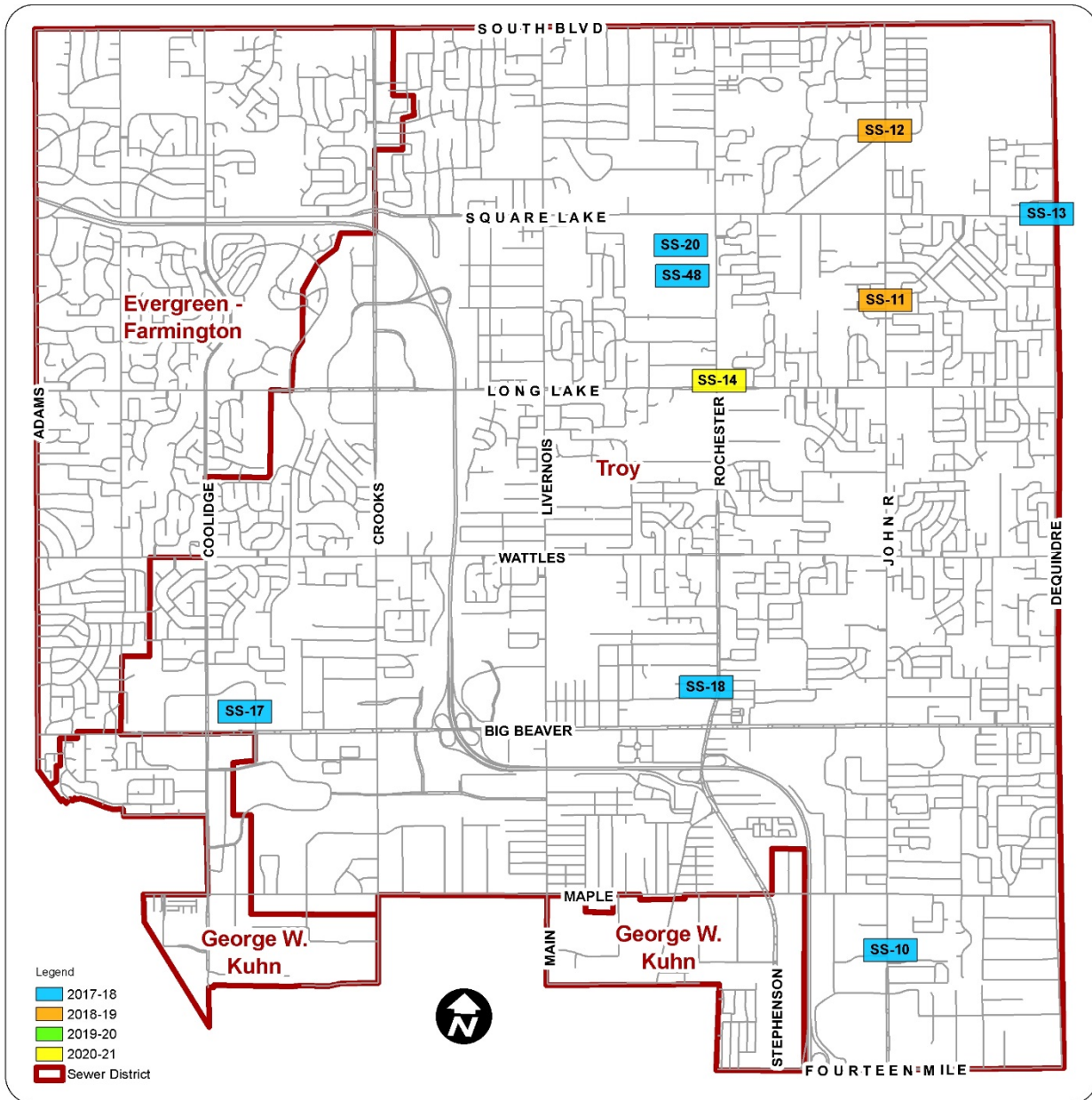
***WF-49. Various Projects and Locations***

This item is used by the Water Department for small projects that are encountered throughout the year that do not fit within a traditional water fund project. Examples are maintenance items and expenditures for materials for the water system. An annual amount is included in the budget which is on-going and is paid for entirely by City funds. Operation and maintenance costs will not be impacted.

***WF-50. General Equipment***

This is an annual budget amount in the Water Fund for miscellaneous equipment required by the Public Works or Engineering Department for work associated with the Water Fund that are otherwise not specifically noted in the capital improvement plan. The budget amount is established annually based on anticipated needs, is on-going and is paid for entirely by City funds. Operation and maintenance costs are not expected to be impacted.

# 6 Year Capital Improvement Plan



**6 Year Capital Improvement Plan  
Sewer Fund**

<b>6 Year CIP - Sewer Fund</b>										
Map Number	Project Name	Total Project Cost	Total City Cost	Proposed						Comments
				2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	
SS-4	Miscellaneous Sanitary Sewer Locations	2,500,000	2,500,000	500,000	500,000	500,000	500,000	500,000	500,000	City wide sanitary sewer extension program
SS-10	Big Beaver Relief Sewer	6,000,000	6,000,000	100,000	100,000	500,000	3,000,000	3,000,000	-	Big Beaver-14 Mile to Dequindre Interceptor
SS-11	John R, Long Lake to Square Lake	1,000,000	1,000,000	-	1,000,000	-	-	-	-	Part of John R Widening
SS-12	John R, Square Lake to South Blvd.	600,000	600,000	-	600,000	-	-	-	-	Part of John R Widening
SS-13	Dequindre, Long Lake to South Blvd.	600,000	600,000	600,000	-	-	-	-	-	Part of Dequindre Widening
SS-14	Rochester, Barclay to Trinway	900,000	900,000	-	-	-	900,000	-	-	Part of Rochester Widening
SS-17	Lift Station Renovation	500,000	500,000	500,000	-	-	-	-	-	7 Stations
SS-18	Sturgis Drain Sewer Bank Stabilization	600,000	600,000	600,000	-	-	-	-	-	Bank Stabilization to Protect Sanitary Sewer
SS-20	SCADA Upgrade	70,000	70,000	70,000	-	-	-	-	-	Upgrade Telemetry
SS-48	DPW Renovations	100,000	100,000	100,000	-	-	-	-	-	
SS-49	Various Projects & Locations	300,000	300,000	50,000	50,000	50,000	50,000	50,000	50,000	Various Projects
SS-50	General Equipment	300,000	300,000	50,000	50,000	50,000	50,000	50,000	50,000	DPW
<b>TOTALS:</b>		13,470,000	13,470,000	2,570,000	2,300,000	1,100,000	4,500,000	3,600,000	600,000	

## 6 Year Capital Improvement Plan Sewer Fund

The City of Troy is divided into 3 sanitary sewer districts: the George W. Kuhn Drainage District (formerly the Twelve Towns Drainage District); Evergreen-Farmington Sewage Disposal District; and the Troy Sewage Disposal District. Wastewater from all 3 districts is carried through large diameter interceptor pipes to the Detroit Wastewater Treatment Plant for treatment before discharge to the Detroit River.

Following is a description of the specific functions of each district:

### ***George W. Kuhn (GWK) Drainage District***

The George W. Kuhn Drainage District (formerly the Twelve Towns Drainage District) serves all or part of 14 communities, encompassing a drainage area of 24,500 acres upstream of the Red Run Drain, a tributary of the Clinton River. During dry weather, all flow is routed to the Detroit Wastewater Treatment Plant, but during heavy rainfall, high volumes of combined sewage (typically more than 93 percent storm water) exceed the outlet capacity to Detroit, causing excess flow to be diverted to the George W. Kuhn Retention Treatment Basin (GWK RTB) where it is stored, screened and disinfected prior to discharge to the Red Run Drain. The GWK RTB construction was completed in 2006.

### ***Evergreen-Farmington Sewage Disposal District***

This district is in the northwest portion of the city in the Rouge River Drainage Basin. This interceptor was constructed by the Oakland County Department of Public Works in 1959 and serves the City of Troy and surrounding communities. The County contracted with each community for their share of the interceptor based on population.

### ***Troy Sewage Disposal District***

The interceptor sewers in this district were constructed for the City of Troy by the Oakland County Department of Public Works. The sanitary flow from this district discharges to the Dequindre Interceptor at 14 Mile and Dequindre. The city contracted for capacity in the Southeastern Oakland County Sewage Disposal System. Troy's capacity was computed on the basis of population in the GWK Drainage District and the Troy Sewage Disposal District.

Sewer Fund projects typically are initiated to address one of 3 issues:

- ◆ To provide for the City of Troy's share towards major sewer projects that may be mandated by state or federal laws or permit requirements.
- ◆ Sewer system studies that identify projects to address state and federal requirements.
- ◆ Elimination of septic systems in Troy.

### ***SS-4. Miscellaneous Sanitary Sewer Locations***

This annual amount budgeted is to provide for new sanitary sewer throughout the city. Locations that are currently serviced by septic systems have been identified. A continuation of this program will require that right-of-way and/or easements be acquired in order to construct additional sanitary sewer. Specific locations are not delineated on the map due to the small size of most locations. This project will be paid for entirely by City funds.

**6 Year Capital Improvement Plan  
Sewer Fund*****SS-10. Big Beaver Relief Sewer***

This is a future project to construct a large diameter relief sewer to provide for additional capacity to serve the area adjacent to Big Beaver Road, south of I-75. This would also involve a future large diameter relief sewer between Big Beaver Road and Fourteen Mile Road that ultimately outlets to the Dequindre interceptor. Flow monitoring of the affected areas was recently completed which show a relief sewer is currently not needed, but population changes and redevelopment of the Big Beaver corridor are major items that impact the current and proposed flows within this project area in the future. Funds are budgeted to begin the design effort with the assumption that redevelopment of the Big Beaver corridor in the future would necessitate the relief sewer. This project will be paid for entirely by City funds.

***SS-11. John R, Long Lake to Square Lake (Sanitary Sewer)***

A new sanitary sewer will be constructed at various locations as part of the reconstruction and widening project. It is the City's policy to construct underground utilities when a road is reconstructed to avoid having to remove new or newer pavement sometime after the road has been completed. The construction of this sewer would also provide an outlet for residents who are currently on septic systems. The sanitary sewer portion of the project will be paid for entirely by City funds.

***SS-12. John R, Square Lake to South Boulevard (Sanitary Sewer)***

A new sanitary sewer will be constructed at various locations as part of the reconstruction and widening project. It is the City's policy to construct underground utilities when a road is reconstructed to avoid having to remove new or newer pavement sometime after the road has been completed. The construction of this sewer would also provide an outlet for residents who are currently on septic systems. The sanitary sewer portion of the project will be paid for entirely by City funds.

***SS-13. Dequindre, Long Lake to South Boulevard (Sanitary Sewer)***

A new sanitary sewer will be constructed at various locations as part of the reconstruction and widening project. It is the City's policy to construct underground utilities when a road is reconstructed to avoid having to remove new or newer pavement sometime after the road has been completed. The construction of this sewer would also provide an outlet for residents who are currently on septic systems. The sanitary sewer portion of the project will be paid for entirely by City funds.

***SS-14. Rochester, Barclay to Trinway (Sanitary Sewer)***

A new sanitary sewer will be constructed at various locations as part of the reconstruction and widening project. It is the City's policy to construct underground utilities when a road is reconstructed to avoid having to remove new or newer pavement sometime after the road has been completed. The construction of this sewer would also provide an outlet for residents who are currently on septic systems. The sanitary sewer portion of the project will be paid for entirely by City funds.

**6 Year Capital Improvement Plan  
Sewer Fund*****SS-17. Lift Station Renovation (7 Stations)***

This project will evaluate and update the 7 lift stations in the city's sewer system. Six (6) are wet well/dry well designs, one (1) is a submersible design. All were built in the 1964 - 1965 timeframe. While the electronic control systems have been upgraded recently, the pumps/valves and structures are mostly original and out dated designs, that clog frequently, requiring extensive maintenance.

***SS-18. Sturgis Drain Sewer Bank Stabilization***

The Sturgis Drain, northwest corner of Rochester and Big Beaver, has eroded the bank behind the existing retail complex and is compromising the existing sanitary sewer. This erosion is undermining the sanitary sewer that runs along the bank of the drain. This project will relocate the drain to the north, back to its original location, soften the steepness of the banks and stabilize and protect the banks from further erosion. The project will be paid for entirely by City funds.

***SS-20. SCADA Upgrade***

The water and sewer division use a telemetry system or Supervisory Control and Data Acquisition (SCADA) to monitor the sanitary sewer pump stations and the water control valves throughout the city. The system also sends alarms to on-call personnel advising them to critical situations. The SCADA system is monitored 24/7. The existing SCADA system is over 10 years old and is limited in its capabilities. New technology in the telemetry/SCADA segment have emerged in recent years that allows greater capabilities to be utilized by system operators, which in turn allow for more efficient operation of water and sewer systems. This upgrade would also include technical support, which is not part of the existing SCADA system.

***MR-48. DPW Renovations***

The DPW building was built in 1972 and has had one major renovation since then in 2001. The dynamics of the services offered at the DPW since the last renovation has changed and requires front desk and office reconfiguration. Changing dynamics include removing cubicle walls for a more collaborative environment, better service desk for customers, and a receiving window for goods.

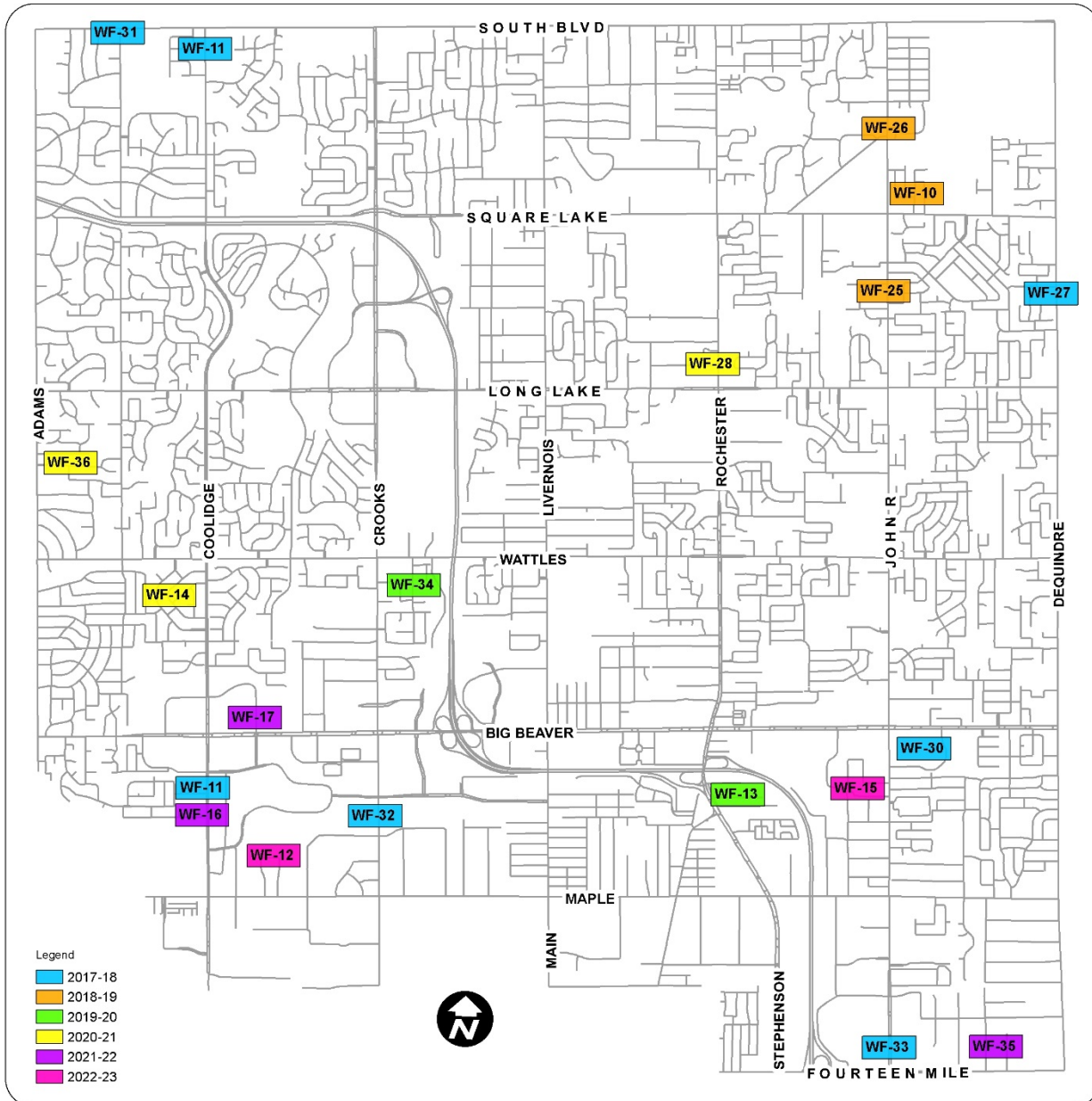
***SS-49. Various Projects and Locations***

This item is used for small projects that are encountered throughout the year that do not fit within a traditional sewer fund project. Examples are maintenance items and expenditures for materials for the sewer system. An annual amount is included in the budget which is on-going and is paid for entirely by City funds.

***SS-50. General Equipment***

This is an annual budget amount in the Sewer Fund for miscellaneous equipment required by the Public Works or Engineering Department for work associated with the Sewer Fund that are otherwise not specifically noted in the capital improvement plan. The budget amount is established annually based on anticipated needs and is on-going. This project will be paid for entirely by City funds.

# 6 Year Capital Improvement Plan Water Fund



**6 Year Capital Improvement Plan  
Water Fund**

<b>6 Year CIP - Water Fund</b>										
Map Number	Project Name	Total Project Cost	Total City Cost	Proposed						Comments
				2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	
WF-10	Square Lake Place Subdivision	1,000,000	1,000,000	-	1,000,000	-	-	-	-	Saxony, Tuscany, Normandy, Dryden, Smithfield, Brittany, Silverstone
WF-11	Road Crossings	200,000	200,000	200,000	-	-	-	-	-	1640, 1670, 1890, 1902 Axtell - Coolidge, South Blvd to Mountain (3x)
WF-12	Maxwell & Stutz	500,000	500,000	-	-	-	-	-	500,000	Road Repair Due to Water Main Const.
WF-13	Naughton, Wheaton & Piedmont	2,000,000	2,000,000	-	-	1,500,000	500,000	-	-	Replace 8" with 12"
WF-14	Section 19 NE 1/4	500,000	500,000	-	-	-	500,000	-	-	Scott, Estates, Sunset, Ledge and Jack
WF-15	Bethany Villas	1,000,000	1,000,000	-	-	-	-	-	1,000,000	Eldridge & Jackson
WF-16	Coolidge, Derby to Dorchester	200,000	200,000	-	-	-	-	200,000	-	Abandon 8" WM and Transfer to 16" WM
WF-17	PRV #7	200,000	200,000	-	-	-	-	200,000	-	NE Corner of Big Beaver and Coolidge
WF-25	John R, Long Lake to Square Lake	400,000	400,000	-	400,000	-	-	-	-	Part of John R Widening
WF-26	John R, Square Lake to South Boulevard	300,000	300,000	-	300,000	-	-	-	-	Part of John R Widening
WF-27	Dequindre, Long Lake to South Boulevard	200,000	200,000	200,000	-	-	-	-	-	Part of Dequindre Widening
WF-28	Rochester, Barclay to Trinway	400,000	400,000	-	-	-	400,000	-	-	Part of Rochester Widening
WF-30	Roundtree Loop	275,000	275,000	275,000	-	-	-	-	-	Water Main Replacement
WF-31	Beach PRV	600,000	600,000	600,000	-	-	-	-	-	PRV Replacement at Beach & South Blvd
WF-32	2200, 2272, 2466 Crooks Crossings	310,000	310,000	310,000	-	-	-	-	-	6" & 8" Water Main Crossings
WF-33	14 Mile & John R Valves	340,000	340,000	340,000	-	-	-	-	-	Replace Gate Valve & Wells on 14 Mile at John R
WF-34	Finch, Portsmouth to Huntsford	400,000	400,000	-	-	400,000	-	-	-	6" to 12" Water Main Replacement
WF-35	Indusco Ct. & Minnesota	1,570,000	1,570,000	-	-	-	-	1,570,000	-	8" to 12" and 16" Water Main Replacement
WF-36	Orchard Trail	575,000	575,000	-	-	-	575,000	-	-	6" to 8" Water Main Replacement
WF-49	Various Projects & Locations	300,000	300,000	50,000	50,000	50,000	50,000	50,000	50,000	Various Projects
WF-50	General Equipment	375,000	375,000	125,000	50,000	50,000	50,000	50,000	50,000	DPW
<b>TOTALS:</b>		11,645,000	11,645,000	2,100,000	1,800,000	2,000,000	2,075,000	2,070,000	1,600,000	

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## 6 Year Capital Improvement Plan Water Fund

The City of Troy receives its water from the City of Detroit through large diameter transmission mains, ranging in size from 54-inch to 84-inch, that flow into the city through six (6) Great Lakes Water Authority (GLWA) metered locations located along the perimeter of the city. There are two (2) of these meter vaults located along Adams, two (2) along South Boulevard and two (2) along Dequindre. The water flows from these entrance points through approximately 536 miles of city water mains consisting of 6-inch to 36-inch mains. Pressures are increased or reduced, as needed, within the five (5) pressure districts within the city to maintain proper fire flows and pressures in response to water demands.

The city water system is managed by the use of a Supervisory Control and Data Acquisition (SCADA) system. SCADA allows the collection of real-time operations data and the ability to monitor locations to optimize the overall water system. The SCADA system is comprised of twenty-two remote data collection sites, the central computer location at the DPW yard and six GLWA meter vaults.

Proposed projects in the Water Fund are selected primarily based on the following factors:

- ◆ History of water main breaks
- ◆ Flow requirements based on the Water System Master Plan
- ◆ Age of the water main
- ◆ Coordination with other capital improvement projects
- ◆ Redundancy or the looping of the water system
- ◆ Size of the water main

The proposed water system projects are flexible, allowing for the addition of new improvements to address specific needs. Studies and analysis of the existing system is an on-going endeavor that, coupled with new technologies, provides for improved system capabilities and reliability.

### ***WF-10. Square Lake Place Subdivision (Water Main Replacement)***

This project will replace the existing 8" water mains on Saxony, Tuscany, Normandy, Dryden, Smithfield, Brittany and Silverstone with new 8" water mains. The existing water main was installed in the late 1980's but did not have polywrap. There have been numerous water main breaks in this area due to severe pipe deterioration. This project will be paid for entirely by City funds. Replacement of older water mains reduces the number of water main breaks that occur, reducing costs for repairs.

### ***WF-11. Axtell & Coolidge Road Crossings (Water Main Replacement)***

This project will replace existing road crossings at 1640, 1670, 1890 and 1902 Axtell and on Coolidge Hwy. between South Boulevard and Square Lake. The road crossings supply residential or commercial water services and/or fire hydrants. There have been multiple breaks on these 8" cast Iron mains. Replacement of older water mains reduces the number of water main breaks that occur, reducing costs for repairs.

**6 Year Capital Improvement Plan  
Water Fund*****WF-12. Maxwell & Stutz (Water Main Replacement & Road Repair due to Water Main Construction)***

This project will replace a section of existing 8" water main in the northwest corner of Maxwell and Stutz with a new 12" water main. The majority of water main in this area was replaced in 2015, but due to very poor soils in this area, open cut replacement in this area was not an option. The water main in northwest corner will be replaced using directional drill or boring methods to avoid impacts from open cutting. After the water main replacement is complete, the existing asphalt over concrete pavement in the project area will receive a mill and overlay due to damage caused by the water main construction. This project will be paid for entirely by City funds. Replacement of older water mains reduces the number of water main breaks that occur, reducing costs for repairs.

***WF-13. Naughton, Wheaton and Piedmont (Water Main Replacement)***

This project will replace the existing 8" cast iron water mains on Naughton, Wheaton and Piedmont with new 12" water mains. There have been numerous water main breaks in this area and upsizing the mains will increase capacity in this all industrial area. This project will be paid for entirely by City funds. Replacement of older water mains reduces the number of water main breaks that occur, reducing costs for repairs.

***WF-14. Section 19 NE 1/4 (Water Main Replacement)***

This project will replace the existing 6" water mains on Scott, Estates, Sunset, Ledge and Jack with new 8" water mains. This project will be paid for entirely by City funds. Replacement of older water mains reduces the number of water main breaks that occur, reducing costs for repairs.

***WF-15. Bethany Villas (Water Main Replacement)***

This project will replace the existing 8" cast iron water mains on Eldridge and Jackson that supplies the entire Bethany Villa complex with new 8" water mains. There have been numerous water main breaks on the existing water main and due to the fact that it runs between buildings, restoration and repair of water main breaks are very expensive. This project will be paid for entirely by City funds. Replacement of older water mains reduces the number of water main breaks that occur, reducing costs for repairs.

***WF-16. Coolidge, Derby to Golfview (Water Main Abandonment)***

This project will transfer connections and water services over to a parallel 16" concrete water main. The south end of the existing 8" cast iron water main was abandoned approximately 10 years ago. By transferring connections to the 16" water main, we will be able to eliminate a section of existing 8" water main that has a history of water main breaks. Replacement of older water mains reduces the number of water main breaks that occur, reducing costs for repairs.

***WF-17. PRV #7 (Pressure Reducing Vault Renovations)***

This project will rehabilitate a pressure reducing vault (PRV) located at the northwest corner of Big Beaver and Coolidge. This vault regulates water main pressures in the southwest quadrant of the City and is showing signs of deterioration. Access to the vault will also be improved to comply with current standards.

**6 Year Capital Improvement Plan  
Water Fund*****WF-25. John R, Long Lake to Square Lake (Water Main Replacement)***

The existing water main will be replaced with a new 12" water main to accommodate the reconstruction and widening of John R to a new 3-lane asphalt pavement. Replacement of older water mains reduces the number of water main breaks that occur, reducing costs for repairs.

***WF-26. John R, Square Lake to South Boulevard (Water Main Replacement)***

Portions of the existing water main will be replaced with a new 12" water main to accommodate the reconstruction and widening of John R to a new 3-lane asphalt pavement. Replacement of older water mains reduces the number of water main breaks that occur, reducing costs for repairs.

***WF-27. Dequindre, Long Lake to South Boulevard (Water Main Replacement)***

Portions of the existing water main will be replaced with a new 12" water main to accommodate the reconstruction and widening of Dequindre to a new 5-lane concrete pavement. Replacement of older water mains reduces the number of water main breaks that occur, reducing costs for repairs.

***WF-28. Rochester, Barclay to Trinway (Water Main Replacement)***

Portions of the existing water main will be replaced with a new 12" water main to accommodate the reconstruction and widening of Rochester Road to a new 6-lane concrete boulevard. Replacement of older water mains reduces the number of water main breaks that occur, reducing costs for repairs.

***WF-30. Roundtree Loop - Wexford Condominiums (Water Main Replacement)***

Replace and relocate sections of water main that are located under porches and structures. Water main breaks in this area have required the removal of entire front porch and walkways, causing expensive repairs and disruption to residents.

***WF-31. Beach Road Pressure Reducing Vault (PRV)***

During the 84" water main break experienced in November 2016, it was discovered that a permanent PRV connection at the site of an unused GLWA to Troy connection was located at Beach Rd and South Blvd. This connection would give city a needed redundant feed. This connection will allow the city the ability to supply water and limit disruptions in the northwest section of the city, when necessary.

***WF-32. 2200, 2272 and 2246 Crooks Road Crossings (Water Main Replacement)***

This project will replace sections of 40-50 year old water main that runs under Crooks Rd. and supplies water to apartment complexes on the East side. Water main breaks have been experienced on the east side of Crooks Road on these sections of water main.

***WF-33. 14 Mile and John R (Valve Replacement)***

This project will relocate a section of 16" transmission water main out of the center of the intersection of 14 Mile and John R. The valves in this intersection have experienced deterioration from their exposure to salt and traffic, causing leaks that require water turn offs affecting many commercial properties and large traffic disruptions. The valves and water main will be rerouted to allow more efficient and safer access while providing less exposure to corrosion.

**6 Year Capital Improvement Plan  
Water Fund*****WF-34. Finch, Portsmouth to Huntsford (Water Main Replacement)***

This project will replace the existing 6" water mains on Finch, between Portsmouth and Huntsford with new 12" water mains. This area has experienced several water main breaks and reduced fire flows. This project will be paid for entirely by City funds. Replacement of older water mains reduces the number of water main breaks that occur, reducing costs for repairs.

***WF-35. Indusco Court and Minnesota, 14 Mile to Elliott (Water Main Replacement)***

This project will replace the existing 8" cast iron water mains on Indusco Court with a new 12" water main and on Minnesota with a new 16" water mains . There have been numerous water main breaks in this area and upsizing the mains will increase capacity in this all industrial area. This project will be paid for entirely by City funds. Replacement of older water mains reduces the number of water main breaks that occur, reducing costs for repairs.

***WF-36. Orchard Trail, Adams to the East (Water Main Replacement)***

This project will replace the existing 6" water main on Orchard Trail, from Adams to the east with a new 8" water main. This area has experienced several water main breaks and reduced fire flows. This project will be paid for entirely by City funds. Replacement of older water mains reduces the number of water main breaks that occur, reducing costs for repairs.

***WF-49. Various Projects and Locations***

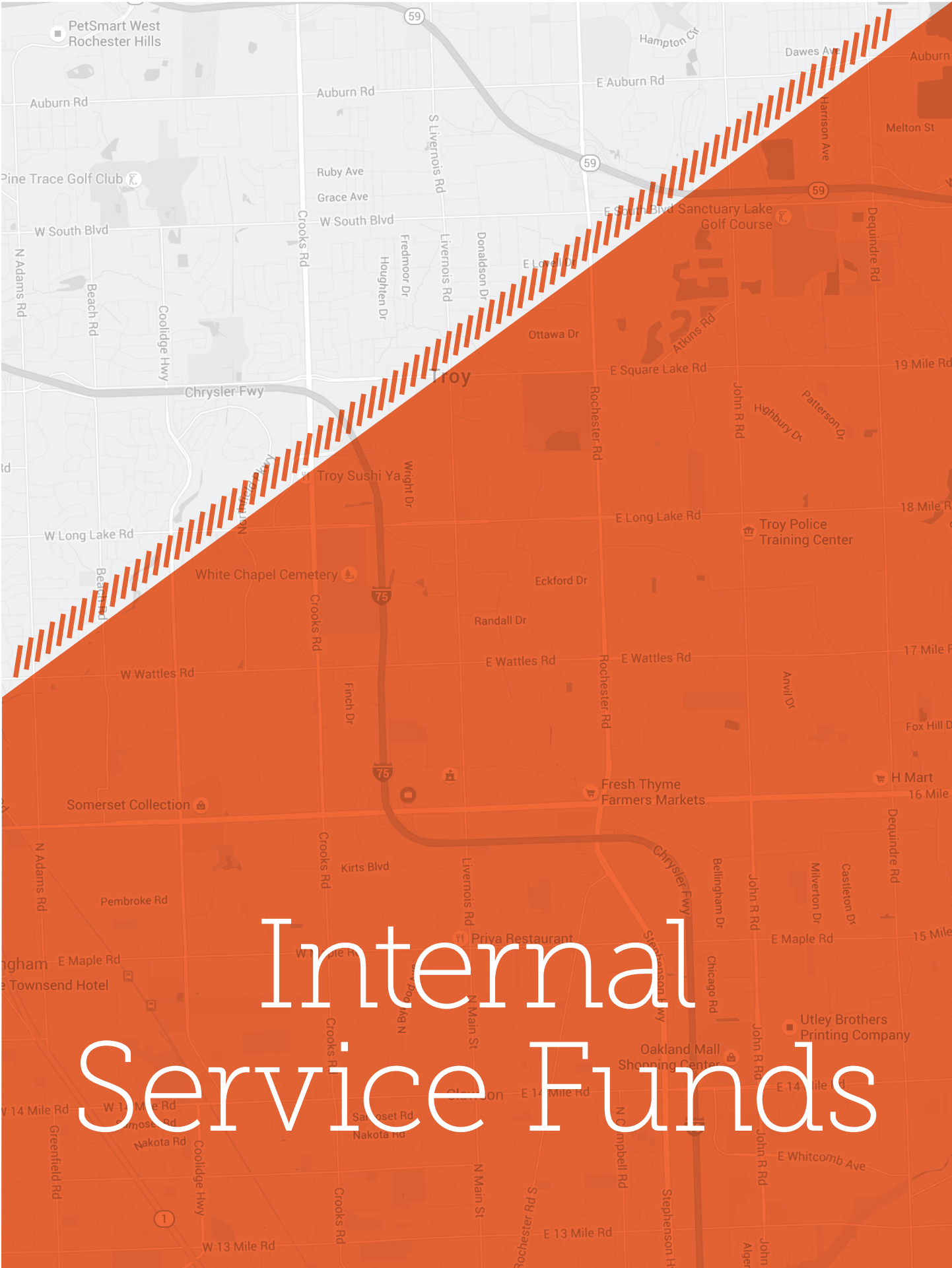
This item is used by the Water Department for small projects that are encountered throughout the year that do not fit within a traditional water fund project. Examples are maintenance items and expenditures for materials for the water system. An annual amount is included in the budget which is on-going and is paid for entirely by City funds.

***WF-50. General Equipment***

This is an annual budget amount in the Water Fund for miscellaneous equipment required by the Public Works or Engineering Department for work associated with the Water Fund that are otherwise not specifically noted in the capital improvement plan. The budget amount is established annually based on anticipated needs, is on-going and is paid for entirely by City funds.



WE EMBRACE DIVERSITY,  
PROMOTE INNOVATION  
AND ENCOURAGE  
COLLABORATION



# Internal Service Funds

# BUILDING OPERATIONS

Director of Building Operations | Steve Pallotta

The mission of the Building Operations Department is to maintain 51 City Facilities in a safe, clean and efficient manner for the benefit of the residents, employees and visitors.

## DEPARTMENT FUNCTION

### Administrative Services

- » Prepares and administers the department budget
- » Coordinates staff activities
- » Provides 24-hour maintenance and custodial services to all City-owned buildings
- » Analyzes building needs
- » Plans and conducts preventive maintenance programs
- » Acquires material, equipment and supplies
- » Coordinates with outside vendors
- » Maintains parts inventory
- » Processes and reviews utility invoices
- » Formulates and develops service procedures
- » Develops safe work practices
- » Receives and coordinates deliveries
- » Assists the City Clerk's Office at voting precincts before, during and after elections
- » Provides energy conservation with building upgrades
- » Formulates and develops renovation projects to utilize space needs
- » Analyzes equipment for efficiency and longevity

**Internal Service Funds  
Building Operations**

**PERFORMANCE INDICATORS**

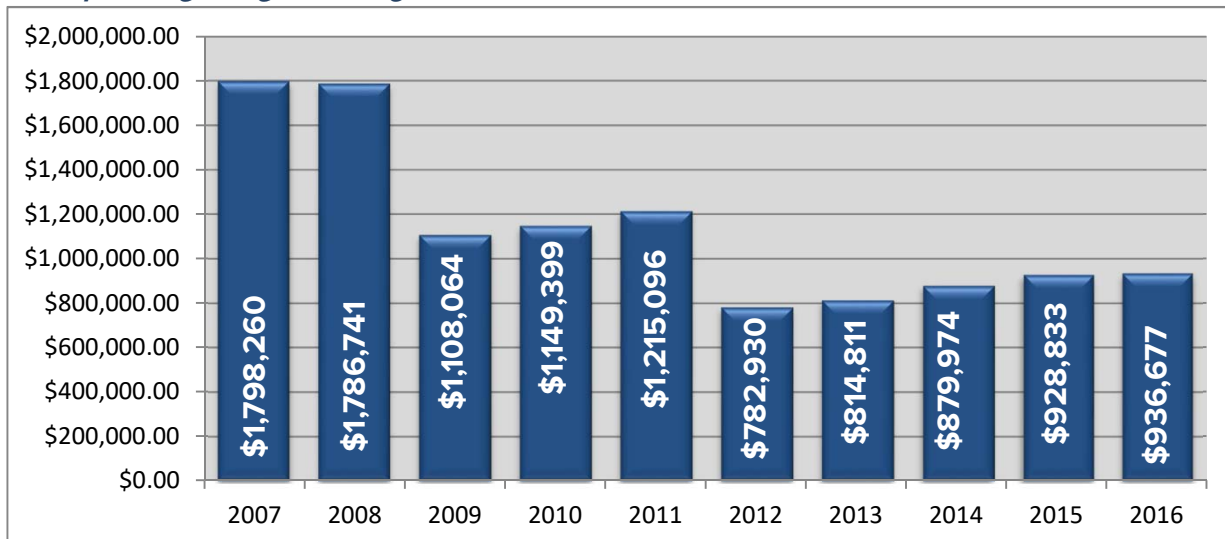
Performance Indicators	0	0	0	0
Written and Telephone	18,500	18,500	18,500	18,500
Number of Buildings	52	51	51	51
City Facilities - Square Feet	573,123	569,623	569,623	575,014
Renovation Projects	3	2	2	0
Interior Preventative Maint.	2	2	2	2
Exterior Preventative Maint.	1	1	1	1
Capital Projects Completed	4	6	3	1
Cost of Building Operations	\$ 1.62	\$ 1.77	\$ 1.93	\$ 2.06
Janitorial Cost per Sq. Ft.	\$ 0.91	\$ 0.92	\$ 0.93	\$ 0.87

**SUMMARY OF BUDGET CHANGES**

- **Significant Notes - 2017/18 Budget Compared to 2016/17**  
 Department Director retirement  
 Addition of Division Supervisor and one Building Specialist  
 Part-time positions eliminated

Positions	2015 Budget		2016 Budget		2017 Budget		2018 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Building Operations	7	1.9	7	1.8	8	1.3	8.63	1.4
<b>Total Department</b>	<b>7</b>	<b>1.9</b>	<b>7</b>	<b>1.8</b>	<b>8</b>	<b>1.3</b>	<b>8.63</b>	<b>1.4</b>

• **Operating Budget History**





# Building Operations

Internal Service Funds  
General Government

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 631 Building Operations</b>								
<b>REVENUES</b>								
Department: 000 Revenue								
Business Unit: 587 Aquatic Revenue								
631.000.00.000								
Charges for Services	\$ 928,036	\$ 928,529	\$ 1,112,600	\$ 1,112,600	\$ 1,130,650	1.62%	\$ 1,159,430	\$ 1,182,620
Interest and rents	797	8,148	2,500	2,500	2,500	0.00%	2,500	2,500
Other Revenues	-	-	-	-	-	0.00%	-	-
<b>Total Revenues</b>	<b>928,833</b>	<b>936,677</b>	<b>1,115,100</b>	<b>1,115,100</b>	<b>1,133,150</b>	<b>1.62%</b>	<b>1,161,930</b>	<b>1,185,120</b>
<b>EXPENSE</b>								
Business Unit: 264 Building Operations								
Expenditures for Operations								
631.264.00.264								
PERSONAL SERVICES	807,169	804,977	904,260	961,120	962,480	0.14%	1,028,040	1,050,800
SUPPLIES	41,156	44,502	43,270	43,570	44,310	1.70%	45,060	45,820
OTHER SERVICE CHARGES	80,508	87,198	97,100	110,410	203,440	84.26%	131,070	133,770
<b>Total Operating Expense</b>	<b>928,833</b>	<b>936,677</b>	<b>1,044,630</b>	<b>1,115,100</b>	<b>1,210,230</b>	<b>8.53%</b>	<b>1,204,170</b>	<b>1,230,390</b>
Income from Operations (Before Cap/Depr)	-	-	70,470	-	(77,080)	#DIV/0!	(42,240)	(45,270)
Capital/Depreciation Expense								
631.264.00.264								
Depreciation	-	-	-	-	-	0.00%	-	-
Capital Expenditures	-	-	-	-	-	0.00%	-	-
<b>Total Capital/Depreciation Expense</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>
<b>Total Income (Loss)</b>	<b>-</b>	<b>-</b>	<b>70,470</b>	<b>-</b>	<b>(77,080)</b>	<b>#DIV/0!</b>	<b>(42,240)</b>	<b>(45,270)</b>
Beginning Net Position	600,000	600,000	600,000	600,000	670,470	11.75%	593,390	551,150
<b>Ending Net Position</b>	<b>\$ 600,000</b>	<b>\$ 600,000</b>	<b>\$ 670,470</b>	<b>\$ 600,000</b>	<b>\$ 593,390</b>	<b>-1.10%</b>	<b>\$ 551,150</b>	<b>\$ 505,880</b>

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# FLEET MAINTENANCE

Public Works Director | Kurt Bovensiep

Superintendent of Fleet Maintenance | Brian D. Varney

The mission of the Fleet Maintenance Division provides the City of Troy with safe and efficient equipment and vehicle maintenance, repair and replacement services through a workforce that values communication, teamwork, ethics and quality of work.

## DEPARTMENT FUNCTION

### Administrative & Support Services

- » Prepares specifications and administers the department budget
- » Coordinates and evaluates staff activities
- » Coordinates staff development and training
- » Procures materials, equipment and supplies
- » Serves as liaison with other governmental units
- » Formulates and develops operational programs and priorities
- » Maintains computerized fleet maintenance, parts and fuel inventory program
- » Recommends creative and efficient procedures and programs in the department's areas of concern
- » Coordinates vehicle and equipment auctions
- » Administers the DPW facility automated security system and employee access
- » Develops and administers safety and training for new and current equipment prior to implementation for seasonal use periods such as winter snow and ice control, sweeper maintenance and pavement construction seasons

- » Coordinates DPW building repairs and improvements
- » Administers fifteen (15) signed service agreements with In-sourced customers
- » Administers one (1) vehicle lease agreement with In-sourced customer
- » Reviews customer service evaluations and responds as needed
- » Monitors Dashboard which we developed for the fleet operation with 12 (KPI) Key Performance Indicators

### Fleet Maintenance

- » Provides vehicle/heavy truck/equipment repair services for the City-owned fleet
- » Provides 24-hour maintenance on all emergency equipment
- » Operates a main facility and a satellite garage through a 2-shift operation (7:30 AM - 12:30 AM, Monday through Friday)
- » Performs welding, fabrication and repairs on various equipment
- » Assists Police Department with fatal traffic accident investigations
- » Repairs police and fire apparatus and public works vehicles and equipment from fifteen surrounding agencies

# FLEET MAINTENANCE (CONT.)

Public Works Director | Kurt Bovensiep

Superintendent of Fleet Maintenance | Brian D. Varney

## Fleet Maintenance (cont.)

- » Repairs and maintains vehicles and equipment from the Southeastern Oakland County Resource Recovery Authority (SOCRRA) and the Southeastern Oakland County Water Authority (SOCWA)
- » Repairs and maintains Troy School District maintenance vehicles
- » Repairs and maintains Cities and Townships of Birmingham, Bloomfield Hills, Bloomfield Twp., Centerline, Clawson, Huntington Woods, Madison Heights, Oak Park, Rochester, and Royal Oak
- » Repairs and maintains vehicle and equipment for the Road Commission for Oakland County
- » Repairs and maintains four MEDIGO vehicles.
- » Calibrates speedometers for Troy patrol cars and surrounding communities
- » Installs and removes radio equipment and emergency lights
- » Places mirror hanger customer evaluations on completed vehicle repairs
- » Chrysler and General Motors authorized warranty repair center

**PERFORMANCE INDICATORS**

<b>Performance Indicators</b>	<b>2014/15 Actual</b>	<b>2015/16 Actual</b>	<b>2016/17 Projected</b>	<b>2017/18 Budget</b>
Completed Driver's Work Request	1,332	1,191	1,228	1,287
Road Service Calls	42	27	31	22
Completed Work Orders	2,423	2,166	2,234	2,430
Cleaning/Washing	2,149	2,297	2,250	2,054
Towing	137	100	110	106
Brake Replacement/Repairs	151	211	262	202
Preventative Maintenance - A	938	799	928	949
Preventative Maintenance - B	161	109	145	118
Vehicle Tires Replaced	499	315	472	464
% of Snow Removal Equip. Available	100%	100%	100%	100%
% of Snow Equip. Prepared by Nov. 15	75%	100%	100%	100%
% of Front Line Fire Apparatus Available	100%	100%	100%	100%
Average Age of Salt Trucks (Years)	9.6	9.0	8.2	10.2
Average Age of Police Vehicles (Years)	2.9	1.9	1.6	3.2

**Notes on Performance Indicators**

- Achieve 98-100% compliance with a monthly preventive maintenance program.
- Expand the GovDeals web-based auctioning of out-of-service vehicles and specialty pieces of equipment

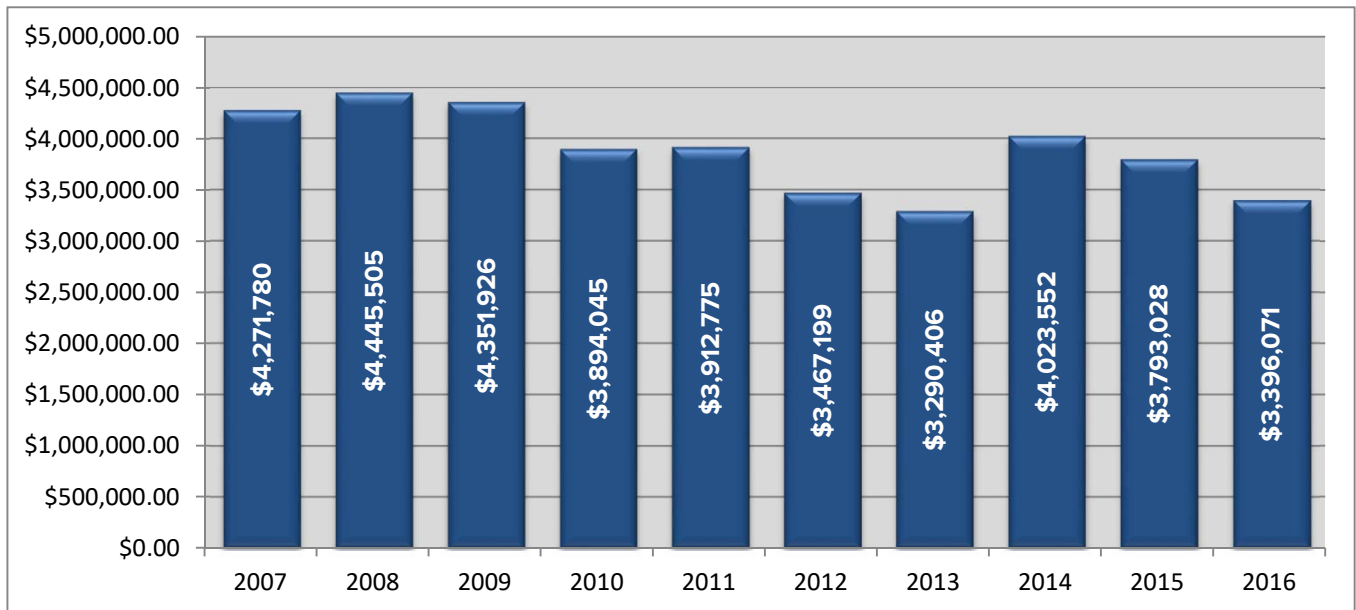
**Internal Service Funds  
Fleet Maintenance**

**SUMMARY OF BUDGET CHANGES**

- *Significant Notes - 2017/18 Budget Compared to 2016/17*  
None
- *Position Budgeting*

Positions	2015 Budget		2016 Budget		2017 Budget		2018 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Fleet Maintenance	17.3	1	17.3	1	17.3	1	17.13	0.9
<b>Total Department</b>	<b>17.3</b>	<b>1</b>	<b>17.3</b>	<b>1</b>	<b>17.3</b>	<b>1</b>	<b>17.13</b>	<b>0.9</b>

- *Operating Budget History*



**Internal Service Funds  
Fleet Maintenance**

**FLEET MAINTENANCE FUND**

• ***Section A - Replacement Units***

2018 Quantity	Replaces	Description	Unit Cost	2018 Proposed	2019 Proposed	2020 Proposed
<b>Replacement Vehicles</b>						
5	A	Police Patrol Cars	28,000	\$ 140,000	\$ 148,500	\$ 214,900
3	B	Detective Cars	29,000	87,000	90,000	93,000
2	C	4X4 Road Patrol Vehicles	31,000	62,000	-	-
0		Fire Department 4X4	30,000	-	30,000	31,000
1	D	Fire Dept. 4X4 Pickup Truck	30,000	30,000	-	31,000
0		Dump Truck - 2 1/2 Yards	35,000	-	-	70,000
0		Dump Truck - 16 Yds w/plow & salter	325,000	-	325,000	655,000
2	E	Dump Truck - 10-12 Yds w/plow & salter	225,000	450,000	232,000	-
0		Sewer Jet Catch Basin Cleaner	417,000	-	417,000	-
2	F	Staff Vehicles	25,000	50,000	-	52,000
2	G	Cargo Van	29,000	58,000	-	60,000
2	H	Pickup Truck w/ plow	33,000	66,000	-	68,000
0		Pickup Truck	23,000	-	46,000	119,000
1	I	Pickup Truck - Crew Cab	32,000	32,000	-	-
1	J	Crew Truck Flatbed w/ liftgate	75,000	75,000	-	-
1	K	Tractor Backhoe	109,000	109,000	109,000	-
<b>Total Section A - Replacement Units</b>				<b>\$ 1,159,000</b>	<b>\$1,397,500</b>	<b>\$1,393,900</b>

• ***Section B - New Units***

2018 Quantity	Replaces	Description	Unit Cost	2018 Proposed	2019 Proposed	2020 Proposed
1		Street Sweeper	240,000	\$ 240,000	\$ -	\$ -
<b>Total Section B - New Units</b>				<b>\$ 240,000</b>	<b>\$ -</b>	<b>\$ -</b>

• **Section C - Tools and Equipment**

2018 Quantity	Replaces	Description	Unit Cost	2018 Proposed	2019 Proposed	2020 Proposed
2		Hoist Replacement	\$17,500	\$ 35,000	\$ 50,000	\$ -
1		Large Tire Carosel	25,000	-	-	25,000
1		Steam/Hot Water Washer	15,000	15,000	-	-
<b>Total Section C - Tools and Equipment</b>				<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ 25,000</b>

• **Summary of Capital Purchases**

2018 Quantity	Replaces	Description	Unit Cost	2018 Proposed	2019 Proposed	2020 Proposed
22	Various	Replacement Units Average	92,250	\$ 1,159,000	\$ 1,397,500	\$ 1,393,900
1	Various	New Units	240,000	240,000	-	-
4	Various	Tools and Equipment	\$19,167	50,000	50,000	25,000
<b>Total Section B - New Units</b>				<b>\$ 1,449,000</b>	<b>\$ 1,447,500</b>	<b>\$ 1,418,900</b>

**Internal Service Funds  
Fleet Maintenance**

**FLEET MAINTENANCE FUND**

· *Equipment to be Replaced - Estimated Proceeds*

<b>Item #</b>	<b>Equipment#</b>	<b>Description</b>	<b>Estimated Recovery</b>
A		Police Patrol Cars @ \$5,150 each X 5	\$25,750
B		Detective Cars @ \$4,120 each X 3	\$12,360
C		Police 4x4 Road Patrol @ \$8,500 each X 2	\$17,000
D		Fire Dept. 4x4 Pickup Truck @ \$6,000 each X 1	\$6,000
E		10-12 Yd. Dump Truck @ \$18,000 each X 2	\$36,000
F		Staff Vehicles @ \$4,000 each X2	\$8,000
G		Cargo Vans @ \$4,000 each X2	\$8,000
H		Pickup Truck w/ plow @ \$ 4,000 each X 2	\$8,000
I		Pickup Truck Crew Cab @ \$4,000 each X1	\$4,000
J		Flatbed Truck w/ compressor @ \$4,000 X 1	\$4,000
K		Tractor Backhoe @\$30,000 each X1	\$30,000
<b>Total Replacement Units</b>			<b><u>\$159,110</u></b>



**Internal Service Funds  
General Government**

# Fleet Maintenance

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 661 Motor Pool</b>								
<b>REVENUES</b>								
Department: 000 Revenue								
Business Unit: 661 Revenues								
661.000.00.000								
Charges for Services	\$ 241,668	\$ 113,042	\$ 91,100	\$ 115,700	\$ 96,900	-16.25%	\$ 100,800	\$ 104,000
Contributions - local	-	1,385	-	-	-	0.00%	-	-
Interest and rents	3,461,031	3,511,294	3,622,338	3,744,100	4,029,573	7.62%	4,015,314	4,026,022
Other Revenues	333,132	305,568	289,800	217,500	268,000	23.22%	282,000	298,000
<b>Total Revenues</b>	<b>4,035,831</b>	<b>3,931,289</b>	<b>4,003,238</b>	<b>4,077,300</b>	<b>4,394,473</b>	<b>7.78%</b>	<b>4,398,114</b>	<b>4,428,022</b>
<b>EXPENSE</b>								
Expenditures for Operations								
Business Unit: 549 Motor Pool Administration								
661.549.00.549								
Personal Services	351,256	417,957	452,460	540,080	495,740	-8.21%	507,010	518,550
Supplies	9,754	6,367	10,500	10,780	10,625	-1.44%	11,000	11,050
Other Service Charges	124,404	137,949	138,680	138,680	145,185	4.69%	146,720	148,345
<b>Total Motor Pool Administration</b>	<b>485,415</b>	<b>562,273</b>	<b>601,640</b>	<b>689,540</b>	<b>651,550</b>	<b>-5.51%</b>	<b>664,730</b>	<b>677,945</b>
Business Unit: 550 Equipment Operation & Maint.								
661.549.00.550								
Personal Services	1,090,577	980,223	854,030	1,257,500	1,245,190	-0.98%	1,273,580	1,302,680
Supplies	1,157,040	897,289	1,013,500	1,171,530	1,065,320	-9.07%	1,122,500	1,178,800
Other Service Charges	95,976	51,217	87,160	103,340	93,600	-9.43%	95,640	96,980
<b>Total Equipment Operations &amp; Maintenance</b>	<b>2,343,593</b>	<b>1,928,729</b>	<b>1,954,690</b>	<b>2,532,370</b>	<b>2,404,110</b>	<b>-5.06%</b>	<b>2,491,720</b>	<b>2,578,460</b>
Business Unit: 551 DPW Facility Maintenance								

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**Internal Service Funds  
General Government**

# Fleet Maintenance

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
661.549.00.551								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	11,399	13,942	17,700	21,060	22,000	4.46%	22,650	23,200
Other Service Charges	276,210	264,386	324,820	342,500	433,727	26.64%	358,971	367,529
<b>Total DPW Facility Maintenance</b>	<b>287,609</b>	<b>278,328</b>	<b>342,520</b>	<b>363,560</b>	<b>455,727</b>	<b>25.35%</b>	<b>381,621</b>	<b>390,729</b>
<b>Total Operating Expenses (Before Cap/Depr)</b>	<b>3,116,617</b>	<b>2,769,330</b>	<b>2,898,850</b>	<b>3,585,470</b>	<b>3,511,387</b>	<b>-2.07%</b>	<b>3,538,071</b>	<b>3,647,134</b>
<b>Total Operating Income (Before Cap/Depr)</b>	<b>919,214</b>	<b>1,161,958</b>	<b>1,104,388</b>	<b>491,830</b>	<b>883,086</b>	<b>79.55%</b>	<b>860,043</b>	<b>780,888</b>
<b>Business Unit: 555 Capital/Depreciation Expense</b>								
661.549.00.565								
Depreciation	676,411	626,741	-	-	-	0.00%	-	-
Capital Expenditures	-	-	1,032,365	1,028,985	1,449,000	40.82%	1,447,500	1,418,900
<b>Total Capital/Depreciation Expense</b>	<b>676,411</b>	<b>626,741</b>	<b>1,032,365</b>	<b>1,028,985</b>	<b>1,449,000</b>	<b>40.82%</b>	<b>1,447,500</b>	<b>1,418,900</b>
<b>Total Income (Loss) Before Transfers</b>	<b>242,803</b>	<b>535,218</b>	<b>72,023</b>	<b>(537,155)</b>	<b>(565,914)</b>	<b>5.35%</b>	<b>(587,457)</b>	<b>(638,012)</b>
<b>Business Unit: 549</b>								
661.549.00.549								
Transfers (Out)	-	-	-	-	-	0.00%	-	-
<b>Net Income (Loss)</b>	<b>242,803</b>	<b>535,218</b>	<b>72,023</b>	<b>(537,155)</b>	<b>(565,914)</b>	<b>5.35%</b>	<b>(587,457)</b>	<b>(638,012)</b>
Beginning Net Position	9,530,151	9,772,954	10,308,171	10,308,171	10,380,194	0.70%	9,814,280	9,226,823
<b>Ending Net Position</b>	<b>\$ 9,772,954</b>	<b>\$ 10,308,171</b>	<b>\$ 10,380,194</b>	<b>\$ 9,771,016</b>	<b>\$ 9,814,280</b>	<b>0.44%</b>	<b>\$ 9,226,823</b>	<b>\$ 8,588,811</b>

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# INFORMATION TECHNOLOGY

Information Technology Director | Gert Paraskevin

Information Technology is an internal service organization whose purpose is to provide technology and telecommunications services in support of the City of Troy's goals. Information Technology empowers users to effectively utilize resources by providing a stable, reliable environment, and responsive support services.

## DEPARTMENT FUNCTION

### Administrative & Support Services

- » Prepares and administers the department budget
- » Develops short-and long-term plans
- » Manages purchases and implementations
- » Establishes standards
- » Adopts policies
- » Maintains software and equipment inventory
- » Serves as liaison with City departments
- » Coordinates and evaluates staff development and activities
- » Oversees Technology Committee

### Application Support

- » Performs requirements analysis to determine application software needs
- » Recommends and implements application software
- » Provides initial and ongoing training
- » Functions as front line support and acts as the liaison between software vendors and end users to resolve issues
- » Implements change requests and enhancements
- » Performs software upgrades
- » Creates custom programming and interfaces
- » Maintains the Intranet and Internet websites

### Client Support

- » Provides desktop hardware support and maintenance
- » Provides desktop software support and maintenance
- » Purchases and installs new equipment and software
- » Serves as the contact with various vendors
- » Provides Smartphone support

### Infrastructure Support

- » Develops and executes backup procedures.
- » Provides network administration.
- » Monitors the network to pro-actively identify problems and recommend upgrades.
- » Supports all data communications technology.
- » Maintains e-mail communication gateways.
- » Performs installations, maintenance and upgrades of network operating systems
- » Oversees network security.
- » Maintains communications equipment and network hardware.
- » Maintains and supports the City's telecommunication system.
- » Provides network administration
- » Supports all data communications technology
- » Performs installations, maintenance and upgrades of network operating systems
- » Maintains communications equipment and network hardware
- » Develops and executes backup procedures
- » Monitors the network to proactively identify problems and recommend upgrades
- » Maintains e-mail communication gateways
- » Oversees network security
- » Maintains and supports the City's telecommunication system.

**PERFORMANCE INDICATORS**

<b>Performance Indicators</b>	<b>2014/15 Actual</b>	<b>2015/16 Actual</b>	<b>2016/17 Projected</b>	<b>2017/18 Budget</b>
Software Supported	154	153	153	152
Personal Computers Supported	484	473	484	499
Printers Supported	140	144	144	137
Servers Supported	63	60	60	71
Computer Help Desk Requests	3,028	3,000	3,000	3,150
IT Staff Training Costs	\$ 1,160	\$ 11,000	\$ 17,000	\$ 16,000
Equipment Maintenance Costs	\$ 19,376	\$ 30,000	\$ 30,000	\$ 32,100
Standard Computer Chargeback Rates	\$ 3,800	\$ 3,952	\$ 4,031	\$ 4,152

**Notes on Performance Indicators**

- 1 This does not include software written in-house only publicly available or commercial software
- 2 Includes physical and virtual servers (not hosts)

**Internal Service Funds  
Information Technology**

**SUMMARY OF BUDGET CHANGES**

- *Significant Notes - 2017/18 Budget Compared to 2016/17*

**Personal Services**

No significant changes.

**Supplies**

This category is increasing dramatically (212%) as a result of an increase in Operating Supplies - Computer Supplies. We are budgeting to replace 1/2 of our fleet of desktops and portable computers. They are now nearing 4 to 5 years of age. The other 1/2 are budgeted for

**Other Service Charges**

No significant changes.

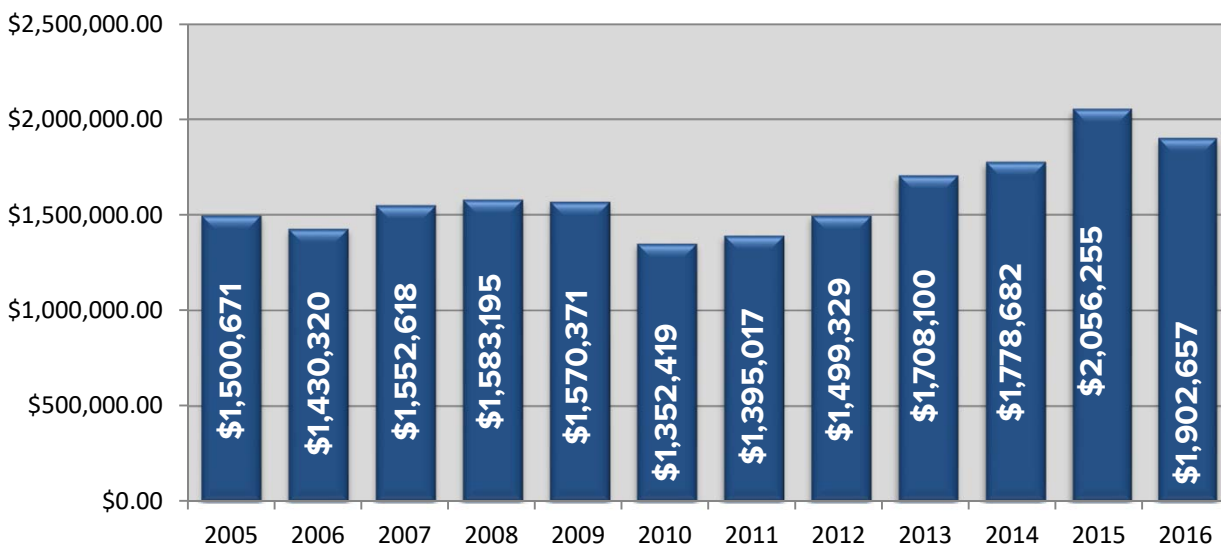
**Capital Outlay**

This year we are budgeting to replace our network core to ensure efficient and reliable network performance. Existing equipment will be 8 years old.

- *Position Budgeting*

Positions	2015 Budget		2016 Budget		2017 Budget		2018 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Information Technology	10.25	0	9.7	0	9.7	0	9.7	0
<b>Total Department</b>	<b>10.25</b>	<b>0</b>	<b>9.7</b>	<b>0</b>	<b>9.7</b>	<b>0</b>	<b>9.7</b>	<b>0</b>

- *Operating Budget History*



**Internal Service Funds**

# Information Technology

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 636 Information Technology</b>								
<b>REVENUES</b>								
Department: 000 Revenue								
Business Unit: 636 IT Revenue								
636.000.00.000								
Charges for Services	\$ 1,808,874	\$ 1,844,769	\$ 1,944,770	\$ 1,944,770	\$ 2,055,120	5.67%	\$ 2,166,774	\$ 2,180,280
Interest and rents	1,211	8,028	4,000	4,000	4,000	0.00%	4,000	4,000
Other Revenues	530	680	-	-	-	0.00%	-	-
Transfers In	59,010	-	-	-	-	0.00%	-	-
<b>Total Revenues</b>	<b>1,869,625</b>	<b>1,853,477</b>	<b>1,948,770</b>	<b>1,948,770</b>	<b>2,059,120</b>	<b>5.66%</b>	<b>2,170,774</b>	<b>2,184,280</b>
<b>EXPENSE</b>								
Business Unit: 228 Information Technology								
Expenditures for Operations								
636.228.00.228								
PERSONAL SERVICES	1,113,983	1,131,786	1,209,710	1,232,850	1,246,390	1.10%	1,274,620	1,303,550
SUPPLIES	314,738	145,348	73,000	93,700	292,800	212.49%	292,800	203,200
OTHER SERVICE CHARGES	516,873	467,719	476,910	479,200	491,210	2.51%	500,560	511,060
<b>Total Operating Expense</b>	<b>1,945,593</b>	<b>1,744,853</b>	<b>1,759,620</b>	<b>1,805,750</b>	<b>2,030,400</b>	<b>12.44%</b>	<b>2,067,980</b>	<b>2,017,810</b>
<b>Income from Operations (Before Cap/Depr)</b>	<b>(75,968)</b>	<b>108,624</b>	<b>189,150</b>	<b>143,020</b>	<b>28,720</b>	<b>-79.92%</b>	<b>102,794</b>	<b>166,470</b>

**Internal Service Funds**

# Information Technology

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Capital/Depreciation Expense</b>								
636.228.00.228								
Depreciation	110,661	117,838	-	-	-	0.00%	-	-
Capital Expenditures	0	39,966	135,000	145,000	120,000	-17.24%	100,000	100,000
Transfers In	-	-	-	-	-	0.00%	-	-
<b>Total Capital/Depreciation Expense</b>	<b>110,661</b>	<b>157,804</b>	<b>135,000</b>	<b>145,000</b>	<b>120,000</b>	<b>-17.24%</b>	<b>100,000</b>	<b>100,000</b>
<b>Total Income (Loss)</b>	<b>(186,630)</b>	<b>(49,181)</b>	<b>54,150</b>	<b>(1,980)</b>	<b>(91,280)</b>	<b>4510.10%</b>	<b>2,794</b>	<b>66,470</b>
Beginning Net Position	1,450,231	1,263,601	1,214,421	1,214,421	1,268,571	4.46%	1,177,291	1,180,085
<b>Ending Net Position</b>	<b>\$ 1,263,601</b>	<b>\$ 1,214,421</b>	<b>\$ 1,268,571</b>	<b>\$ 1,212,441</b>	<b>\$ 1,177,291</b>	<b>-2.90%</b>	<b>\$ 1,180,085</b>	<b>\$ 1,246,555</b>

**Internal Service Funds  
General Government**

# Unemployment Compensation

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 605 Unemployment Comp</b>								
<b>REVENUES</b>								
Department: 000 Revenue								
Business Unit: 605 Unemployment								
605.000.00.000								
Charges for Services	\$ 3,187	\$ 2,109	\$ 2,900	\$ 3,400	\$ 3,000	-11.76%	\$ 3,000	\$ 3,000
Interest and Rents	96	603	200	200	200	0.00%	200	200
Other Revenues	-	-	-	-	-	0.00%	-	-
<b>Total Revenues</b>	<b>3,283</b>	<b>2,712</b>	<b>3,100</b>	<b>3,600</b>	<b>3,200</b>	<b>-11.11%</b>	<b>3,200</b>	<b>3,200</b>
<b>EXPENSE</b>								
Business Unit: 870 Unemployment								
Expenditures for Operations								
605.870.00.870								
PERSONAL SERVICES	-	-	-	-	-	0.00%	-	-
SUPPLIES	-	-	-	-	-	0.00%	-	-
OTHER SERVICE CHARGES	3,283	2,712	3,100	3,600	3,200	-11.11%	3,200	3,200
<b>Total Operating Expense</b>	<b>3,283</b>	<b>2,712</b>	<b>3,100</b>	<b>3,600</b>	<b>3,200</b>	<b>-11.11%</b>	<b>3,200</b>	<b>3,200</b>
Income from Operations	-	0	-	-	-	0.00%	-	-
Beginning Net Position	40,000	40,000	40,000	40,000	40,000	0.00%	40,000	40,000
<b>Ending Net Position</b>	<b>\$ 40,000</b>	<b>\$ 40,000</b>	<b>\$ 40,000</b>	<b>\$ 40,000</b>	<b>\$ 40,000</b>	<b>0.00%</b>	<b>\$ 40,000</b>	<b>\$ 40,000</b>



**Internal Service Funds  
General Government**

# Worker's Compensation Reserve

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 606 Worker's Comp Reserve</b>								
<b>REVENUES</b>								
Department: 000 Revenue								
Business Unit: 606 Work Comp Revenue								
606.000.00.000								
Charges for Services	\$ 5,841	\$ 291,034	\$ 477,170	\$ 327,130	\$ 507,330	55.09%	\$ 520,320	\$ 530,820
Interest and rents	4,327	34,610	15,000	10,000	15,000	50.00%	15,000	15,000
Other Revenues	302,779	4,833	-	-	-	0.00%	-	-
<b>Total Revenues</b>	<b>312,947</b>	<b>330,477</b>	<b>492,170</b>	<b>337,130</b>	<b>522,330</b>	<b>54.93%</b>	<b>535,320</b>	<b>545,820</b>
<b>EXPENSE</b>								
Business Unit: 871 Worker's Compensation								
Expenditures for Operations								
606.871.00.871								
PERSONAL SERVICES	-	-	-	-	-	0.00%	-	-
SUPPLIES	-	-	-	-	-	0.00%	-	-
OTHER SERVICE CHARGES	312,947	330,477	492,170	337,130	522,330	54.93%	535,320	545,820
<b>Total Operating Expense</b>	<b>312,947</b>	<b>330,477</b>	<b>492,170</b>	<b>337,130</b>	<b>522,330</b>	<b>54.93%</b>	<b>535,320</b>	<b>545,820</b>
Income from Operations	0	-	-	-	-	0.00%	-	-
Beginning Net Position	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	0.00%	2,000,000	2,000,000
<b>Ending Net Position</b>	<b>\$ 2,000,000</b>	<b>\$ 2,000,000</b>	<b>\$ 2,000,000</b>	<b>\$ 2,000,000</b>	<b>\$ 2,000,000</b>	<b>0.00%</b>	<b>\$ 2,000,000</b>	<b>\$ 2,000,000</b>

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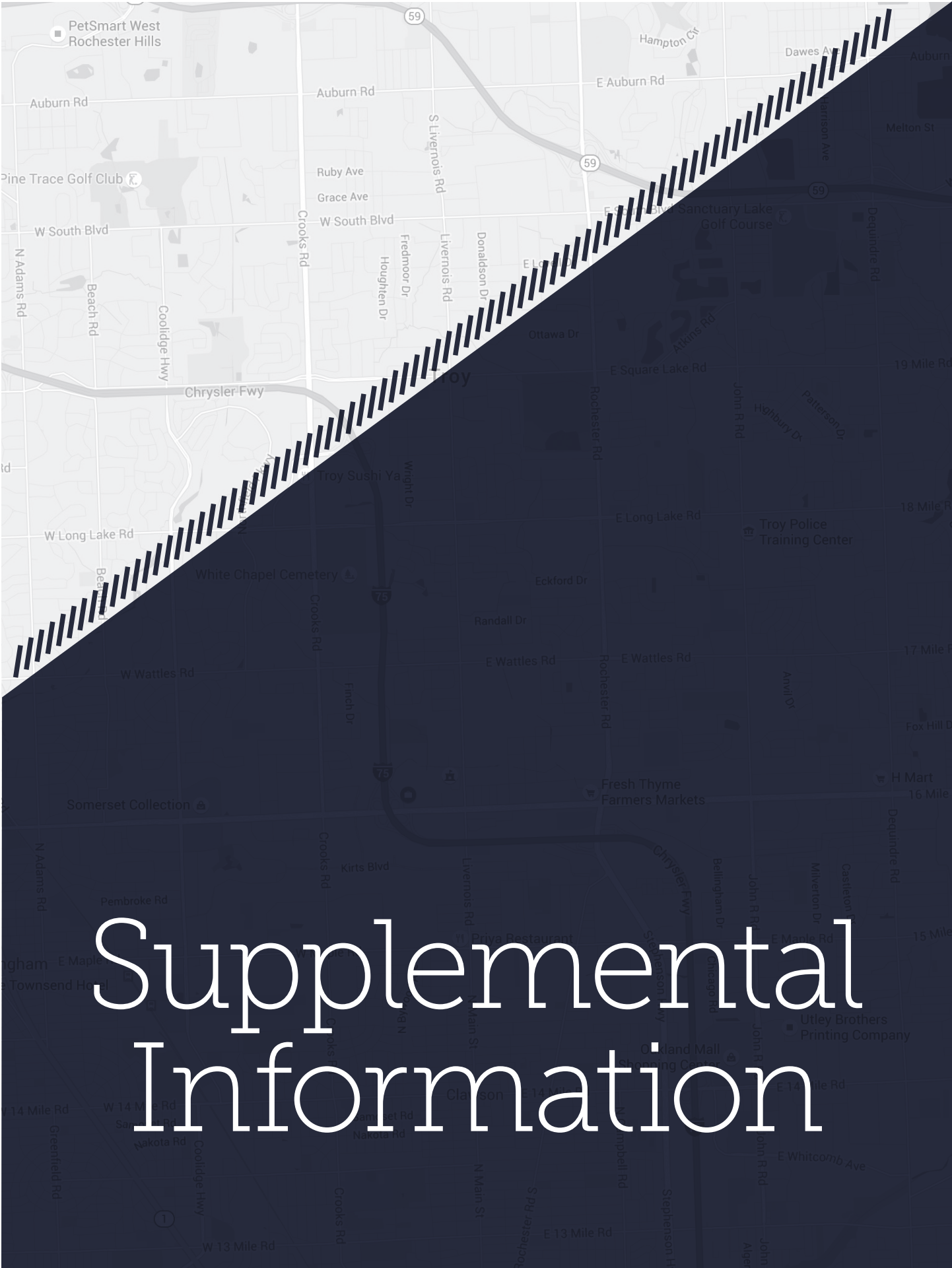
**Internal Service Funds  
General Government**

# Compensated Absences

	2015 Actual Amount	2016 Actual Amount	2017 Estimated Amount	2017 Amended Budget	2018 Proposed	% Change	2019 Proposed	2020 Proposed
<b>Fund: 630 Compensated Absences</b>								
<b>REVENUES</b>								
Department: 000 Revenue								
Business Unit: 630 Comp Abs Revenue								
630.000.00.000								
Interest and rents	\$ 11,999	\$ 69,259	\$ 34,000	\$ 34,000	\$ 34,000	0.00%	\$ 34,000	\$ 34,000
Other Revenues	3,663,961	4,088,923	4,170,700	4,012,660	4,312,960	7.48%	4,399,220	4,487,240
<b>Total Revenues</b>	<b>3,675,960</b>	<b>4,158,182</b>	<b>4,204,700</b>	<b>4,046,660</b>	<b>4,346,960</b>	<b>7.42%</b>	<b>4,433,220</b>	<b>4,521,240</b>
<b>EXPENSE</b>								
Business Unit: 859 Compensated Absences								
Expenditures for Operations								
630.859.00.859								
PERSONAL SERVICES	3,763,267	4,158,182	4,204,700	4,046,660	4,346,960	7.42%	4,433,220	4,521,240
SUPPLIES	-	-	-	-	-	0.00%	-	-
OTHER SERVICE CHARGES	-	-	-	-	-	0.00%	-	-
<b>Total Operating Expense</b>	<b>3,763,267</b>	<b>4,158,182</b>	<b>4,204,700</b>	<b>4,046,660</b>	<b>4,346,960</b>	<b>7.42%</b>	<b>4,433,220</b>	<b>4,521,240</b>
Income from Operations	(87,307)	-	-	-	-	0.00%	-	-
Beginning Net Position	1,000,001	912,694	912,694	912,694	912,694	0.00%	912,694	912,694
<b>Ending Net Position</b>	<b>\$ 912,694</b>	<b>\$ 912,694</b>	<b>\$ 912,694</b>	<b>\$ 912,694</b>	<b>\$ 912,694</b>	<b>0.00%</b>	<b>\$ 912,694</b>	<b>\$ 912,694</b>



WE LEAD BY EXAMPLE  
WITHIN THE REGION



# Supplemental Information

## Governmental Funds Revenues, Expenditures and Changes in Fund Balance

Description	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Revenues</b>										
Property Taxes	\$ 50,696,911	\$ 51,270,756	\$ 51,092,129	\$ 50,828,551	\$ 46,082,673	\$ 46,450,199	\$ 46,470,104	\$ 46,739,163	\$ 47,032,046	\$ 48,181,711
Licenses and Permits	1,491,958	1,393,635	1,237,191	1,113,809	1,259,748	1,686,633	2,254,775	2,429,459	2,896,533	2,519,342
Federal Sources	551,965	1,279,826	4,884,314	3,185,364	2,171,633	1,040,037	5,119,153	3,189,800	1,909,795	2,492,626
State Sources	11,805,209	11,990,424	11,345,811	10,494,294	10,504,385	11,384,502	11,673,045	12,238,420	14,532,201	14,016,525
County Sources	765,823	758,058	465,212	908,398	1,039,709	614,530	786,068	31,209	587,902	1,401,455
Charges for Services	8,338,480	8,109,915	7,782,945	8,151,713	7,335,759	7,660,204	7,760,295	8,378,616	9,375,710	9,636,700
Fines and Forfeits	1,243,286	1,483,784	1,054,161	1,226,729	1,277,705	1,154,999	902,183	1,396,241	1,418,354	1,183,571
Interest Income	3,942,955	2,782,486	1,592,062	643,073	430,899	186,897	154,351	348,625	224,322	865,229
Miscellaneous	2,046,840	1,924,977	1,999,943	3,347,701	1,967,075	2,330,595	2,007,022	2,042,877	3,086,024	2,948,266
<b>Total Revenues</b>	<b>80,883,427</b>	<b>80,993,861</b>	<b>81,453,768</b>	<b>79,899,632</b>	<b>72,069,586</b>	<b>72,508,596</b>	<b>77,126,996</b>	<b>76,794,410</b>	<b>81,062,887</b>	<b>83,245,425</b>
<b>Expenditures</b>										
General Government	9,118,399	9,181,757	9,167,749	8,562,924	8,232,791	7,499,219	7,409,887	6,621,292	6,992,994	7,338,404
Public Safety	29,575,908	30,764,667	31,042,277	30,902,648	29,899,440	26,644,367	27,371,783	28,082,145	31,108,472	28,611,021
Roads and Streets	4,754,166	5,600,748	5,687,378	4,844,712	4,799,035	4,159,761	4,257,865	5,675,847	5,638,918	5,372,214
Other Public Works	2,676,716	2,676,845	2,525,114	2,043,464	1,756,490	1,680,731	1,779,928	-	-	-
Sanitation	4,528,962	3,892,487	3,961,794	3,996,065	4,109,985	4,216,324	4,331,560	4,267,898	4,606,610	4,517,910
Community Develop.	116,091	115,981	195,216	127,522	148,800	133,712	621,439	18,327,123	3,207,237	3,186,003
Recreation/Culture	13,412,739	14,431,267	13,830,413	12,231,424	9,067,491	8,060,815	8,243,322	8,556,099	9,186,959	9,457,699
Capital Outlay	11,856,766	12,322,730	17,176,377	17,062,105	14,244,384	11,130,331	13,670,400	13,725,931	19,554,175	24,973,022
Debt Service										
Principal	1,917,957	1,968,296	2,225,309	2,304,692	2,496,586	2,536,167	2,626,776	2,691,746	2,832,182	2,922,716
Interest	1,639,410	1,471,759	1,461,569	1,375,693	1,248,479	1,119,964	1,042,839	1,126,667	1,505,715	1,407,944
<b>Total Expenditures</b>	<b>79,597,114</b>	<b>82,426,537</b>	<b>87,273,196</b>	<b>83,451,249</b>	<b>76,003,481</b>	<b>67,181,391</b>	<b>71,355,799</b>	<b>89,074,748</b>	<b>84,633,262</b>	<b>87,786,933</b>
<b>Excess revenues over (under) Expenditures</b>	<b>1,286,313</b>	<b>(1,432,676)</b>	<b>(5,819,428)</b>	<b>(3,551,617)</b>	<b>(3,933,895)</b>	<b>5,327,205</b>	<b>5,771,197</b>	<b>(12,280,338)</b>	<b>(3,570,375)</b>	<b>(4,541,508)</b>

**Governmental Funds  
Revenues, Expenditures and Changes in Fund Balance**

Description	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Other Financing sources (uses)</b>										
Issuance of Debt	41,440	3,505,000	181,379	11,321,816	9,110,000	-	-	14,945,000	-	-
Proceeds from Sale of Capital Assets	748,221	47,902	131,205	-	61,373	-	51,220	273,700	415,717	172,438
Payments to Escrow	-	(3,601,840)	-	(11,261,350)	(9,919,004)	-	-	-	-	-
Premium on Debt Issue	-	-	-	-	947,639	-	-	-	-	-
Transfers In	13,965,781	12,260,233	11,066,116	10,441,542	9,229,240	8,803,101	8,648,930	13,742,158	15,247,847	18,223,266
Transfers Out	(16,972,741)	(11,578,093)	(10,442,591)	(9,934,593)	(8,772,125)	(8,218,400)	(8,648,930)	(13,292,158)	(15,306,857)	(18,223,266)
<b>Total Other Financing Sources (Uses)</b>	<b>(2,217,299)</b>	<b>633,202</b>	<b>936,109</b>	<b>567,415</b>	<b>657,123</b>	<b>584,701</b>	<b>51,220</b>	<b>15,668,700</b>	<b>356,707</b>	<b>172,438</b>
<b>Net Change in Fund Balances</b>	<b>\$ (930,986)</b>	<b>\$ (799,474)</b>	<b>\$ (4,883,319)</b>	<b>\$ (2,984,202)</b>	<b>\$ (3,276,772)</b>	<b>\$ 5,911,906</b>	<b>\$ 5,822,417</b>	<b>\$ 3,388,362</b>	<b>\$ (3,213,668)</b>	<b>\$ (4,369,070)</b>

Debt Service as a percentage of Non-capital Expenditures

5.3%	4.9%	5.3%	5.5%	6.1%	6.5%	6.4%	5.1%	6.7%	6.9%
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## General Fund Balance Compared to Annual Expenditures

Fiscal Year Ended 30-Jun	Nonspendable Fund Balance	Restricted Fund Balance	Committed Fund Balance	Assigned Fund Balance	Unassigned Fund Balance	Annual Operating Expenditures	Unassigned Fund Balance as a % of Expenditures
2007	\$ 695,992	\$ -	\$ 4,210,280	\$ 9,171,895	\$ 10,787,420	\$ 63,037,928	17%
2008	\$ 617,505	\$ -	\$ 5,136,980	\$ 9,171,895	\$ 8,706,382	\$ 62,655,284	14%
2009	\$ 623,544	\$ -	\$ 1,000,000	\$ 9,171,895	\$ 10,519,037	\$ 62,252,931	17%
2010	\$ 447,720	\$ -	\$ 3,400,000	\$ 9,171,895	\$ 10,722,271	\$ 58,585,172	18%
2011*	\$ 4,034,119	\$ 1,508,257	\$ 3,610,131	\$ 5,953,000	\$ 12,359,648	\$ 53,695,418	23%
2012*	\$ 3,884,686	\$ 1,514,118	\$ 1,517,000	\$ 3,655,000	\$ 23,340,380	\$ 45,761,906	51%
2013*	\$ 4,369,038	\$ 1,525,598	\$ 2,771,300	\$ 3,148,000	\$ 24,946,170	\$ 46,634,537	53%
2014*	\$ 4,417,528	\$ 1,534,139	\$ 6,622,968	\$ 3,162,000	\$ 21,856,139	\$ 49,211,683	44%
2015*	\$ 5,287,206	\$ 1,538,879	\$ -	\$ 8,075,520	\$ 19,716,862	\$ 53,251,675	37%
2016*	\$ 5,669,290	\$ 1,563,203	\$ -	\$ 5,312,270	\$ 20,062,397	\$ 53,251,675	38%

\* Note: Includes balance of stabilization fund in accordance with GASB statement 54

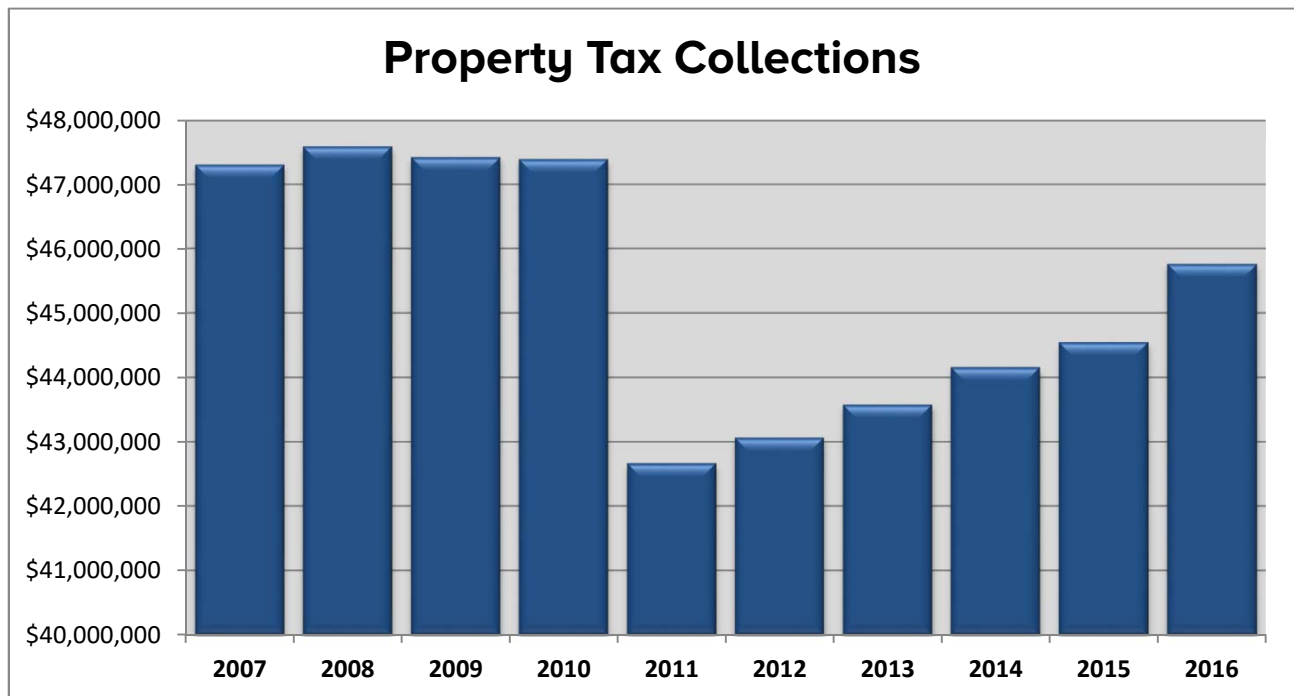
### VALUE OF TAXABLE PROPERTY

#### 10-YEAR HISTORY

Fiscal Year Ended 30-Jun	Real Property	Personal Property	Total Taxable Property	Real Property As Percent of Total Taxable Property
2007	\$ 4,955,160,492	\$ 479,874,950	\$ 5,435,035,442	91%
2008	\$ 5,086,302,787	\$ 464,213,650	\$ 5,550,516,437	92%
2009	\$ 5,105,043,510	\$ 457,552,500	\$ 5,562,596,010	92%
2010	\$ 5,011,679,706	\$ 448,100,230	\$ 5,459,779,936	92%
2011	\$ 4,435,622,282	\$ 407,990,730	\$ 4,843,613,012	92%
2012	\$ 4,064,665,270	\$ 384,084,890	\$ 4,448,750,160	91%
2013	\$ 3,917,595,130	\$ 395,096,920	\$ 4,312,692,050	91%
2014	\$ 3,896,168,868	\$ 414,094,580	\$ 4,310,263,448	90%
2015	\$ 3,945,738,670	\$ 425,887,200	\$ 4,371,625,870	90%
2016	\$ 4,067,554,570	\$ 437,230,620	\$ 4,504,785,190	90%

**Property Tax Levies and Collections  
10-Year History**

<b>Fiscal Year Ended 30-Jun</b>	<b>Total Tax Levy</b>	<b>Current Tax Collections</b>	<b>% of Taxes Collected</b>	<b>Delinquent Tax Collections</b>	<b>Total Tax Collection</b>	<b>% of Total Collection to Tax Levy</b>
2007	\$ 48,338,412	\$ 47,306,612	97.87%	\$ 923,002	\$ 48,229,614	99.77%
2008	\$ 48,667,887	\$ 47,589,455	97.78%	\$ 1,037,838	\$ 48,627,293	99.92%
2009	\$ 48,676,220	\$ 47,420,544	97.42%	\$ 771,027	\$ 48,191,571	99.00%
2010	\$ 48,273,658	\$ 47,388,992	98.17%	\$ 766,850	\$ 48,155,842	99.76%
2011	\$ 43,852,179	\$ 42,664,592	97.29%	\$ 1,095,386	\$ 43,759,978	99.79%
2012	\$ 44,257,157	\$ 43,064,206	97.30%	\$ 1,108,768	\$ 44,172,974	99.81%
2013	\$ 44,391,807	\$ 43,575,998	98.16%	\$ 729,657	\$ 44,305,655	99.81%
2014	\$ 45,071,690	\$ 44,160,748	97.98%	\$ 609,614	\$ 44,770,362	99.33%
2015	\$ 45,097,245	\$ 44,545,996	98.78%	\$ 483,614	\$ 45,029,610	99.85%
2016	\$ 46,462,301	\$ 45,764,152	98.50%	\$ 615,231	\$ 46,379,383	99.82%





## Demographic Statistics

Fiscal Year		Estimated Population (5)	# of Households (1)	Median Income	School Enrollments (3)	Median Age	Unempl. Rate (2)
Ended 30-Jun	Per Household (1)						
2007		87,594	32,596	\$ 84,330	12,096	38.41	4.8%
2008		87,956	32,802	\$ 79,000	12,174	38.41	5.6%
2009		81,490 **	33,368 **	\$83,135 **	12,177	38.41 **	9.4%
2010		80,980 (4)	33,176	\$ 87,269	12,076	41.8	11.9 **
2011		81,161	33,368	\$ 85,946	12,032	41.8	9.5
2012		82,071	32,998	\$ 86,465	12,312	41.8	7.7
2013		82,853	33,063	\$ 85,685	12,438	41.8	7.4
2014		83,270	33,182	\$ 84,325	12,591	41.8	5.9
2015		83,319	33,233	\$ 85,797	12,563	41.8	4.4
2016		83,181	30,703	\$ 87,269	12,731	41.8	3.5

(1) U.S. Census, American Community Survey

(2) Michigan Dept. of Energy, Labor and Economic Growth

(3) Troy School District

(4) U.S. Bureau of the Census (2010)

(5) Southeast Michigan Council of Governments (SEMCOG)

\* Information not available

\*\* Change in the calculation method

Race	Population Based on	Percentage of Population
	2010 Census	
White	60,006	82%
Black	3,239	2%
American Indian	162	0%
Asian	15,467	13%
Other	486	0%
Multiple	1,620	2%

Educational Level Attainment - Age 25 or Older		
Based on 2010 Census		
High School Graduates	76,688	94.70%
Bachelor's Degree or Higher	45,997	56.80%

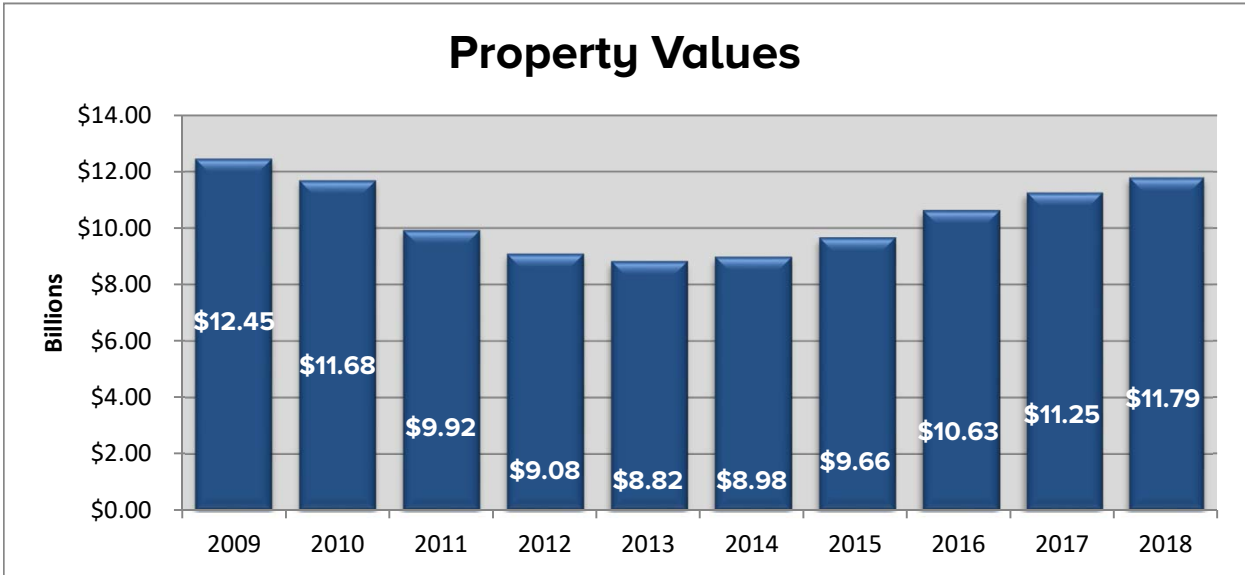
### Top 20 Tax Payers

Rank Name	2017 Assessed Value	2017 Taxable Value	# of Parcels	Business Activity	% of Total Taxable Value
1 Frankel Forbes Cohen	65,519,860	53,059,670	3	Somerset	1 1.13
2 DTE	40,232,160	39,808,670	17	Utility	1 0.85
3 Troy Apts IV	45,543,790	28,910,220	24	Apartmer	1 0.62
4 Urbancal Oakland Mall	27,589,240	23,506,650	5	Retail	1 0.50
5 Osprey - Troy Office	25,125,480	20,526,020	2	Office Le:	0 0.44
6 CC Troy Associates	24,517,980	20,422,610	3	Office Le:	0 0.44
7 Kelly Services	21,624,780	18,783,740	8	Corp HQ	0 0.40
8 Macy's	18,703,100	16,190,910	4	Retail	0 0.35
9 Iron Point Troy Industrial	14,765,460	14,485,860	12	Industrial	0 0.31
10 755 Tower Assoc	17,804,730	14,442,660	2	Office Le:	0 0.31
11 Consumers Energy	13,371,200	13,248,320	12	Utility	0 0.28
12 VHS Children's Hospital	13,251,570	13,147,860	2	Hospital	0 0.28
13 Regents Park of Troy	15,365,590	13,040,450	3	Apartmer	0 0.28
14 SCA-100 Ltd	12,647,530	12,647,530	1	Office Le:	0 0.27
15 West Huron Joint Venture	13,580,220	11,126,410	3	Office Le:	0 0.24
16 Nemer Place	10,310,910	10,099,450	5	Office Le:	0 0.22
17 Somerset Place	12,438,660	10,066,050	1	Office Le:	0 0.22
18 Gables of Troy	10,454,320	9,510,020	4	Apartmer	0 0.20
19 Sheffield Owner	15,412,340	9,181,280	3	Office Le:	0 0.20
20 Flagstar Bank	11,847,170	8,997,510	3	Corp HQ	0 0.19
	<b>\$ 430,106,090</b>	<b>\$ 361,201,890</b>	<b>117</b>		<b>7.72 %</b>
Percent of Total Value	7.3%	7.7%			

<b>2017 Total Assessed Value (A/V)</b>	<b>2017 Total Taxable Value (T/V)</b>
5,894,241,720	4,679,798,440

**Property Values and Construction  
Last 10 Fiscal Years**

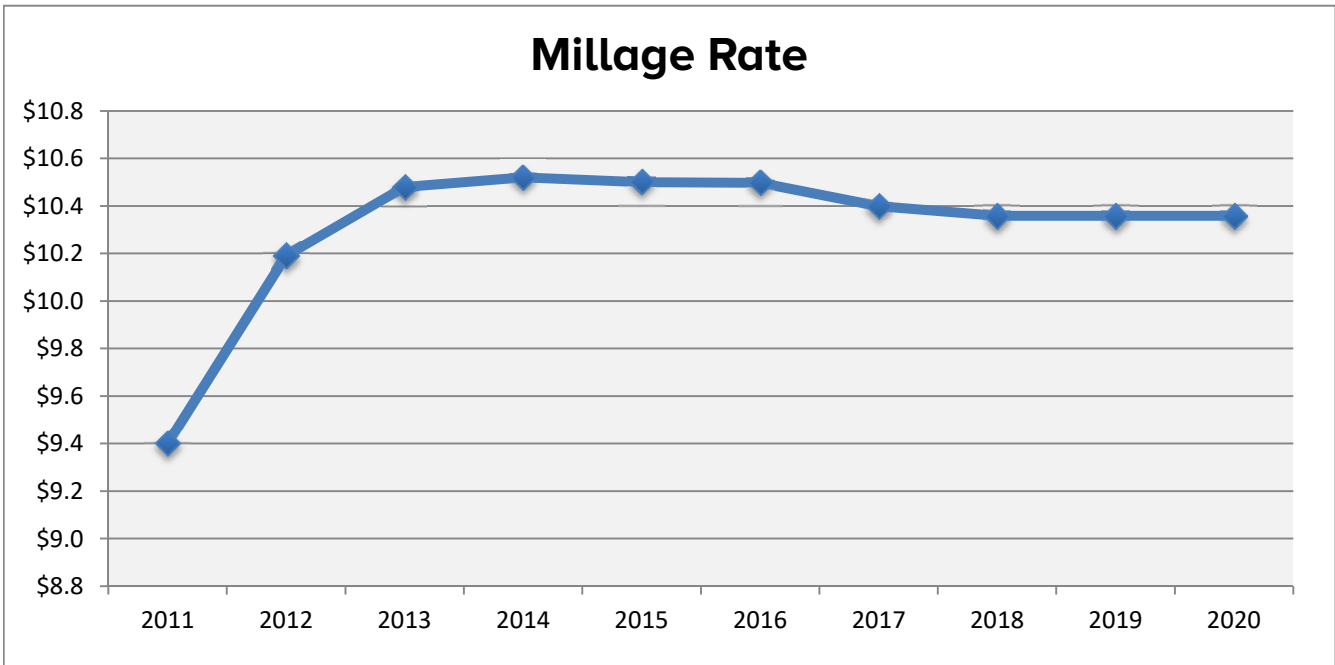
<b>Fiscal Year Ended June 30 of:</b>	<b>Property Values</b>	<b>Construction</b>
2009	\$12,454,188,100	\$330,821,604
2010	\$11,677,738,478	\$235,276,998
2011	\$9,917,036,626	\$263,289,234
2012	\$9,080,825,360	\$252,679,260
2013	\$8,820,217,800	\$263,246,270
2014	\$8,982,864,680	\$211,200,000
2015	\$9,655,083,480	\$242,225,572
2016	\$10,627,223,400	\$193,228,860
2017	\$11,253,757,740	\$126,013,888
2018	\$11,788,480,440	\$92,929,120



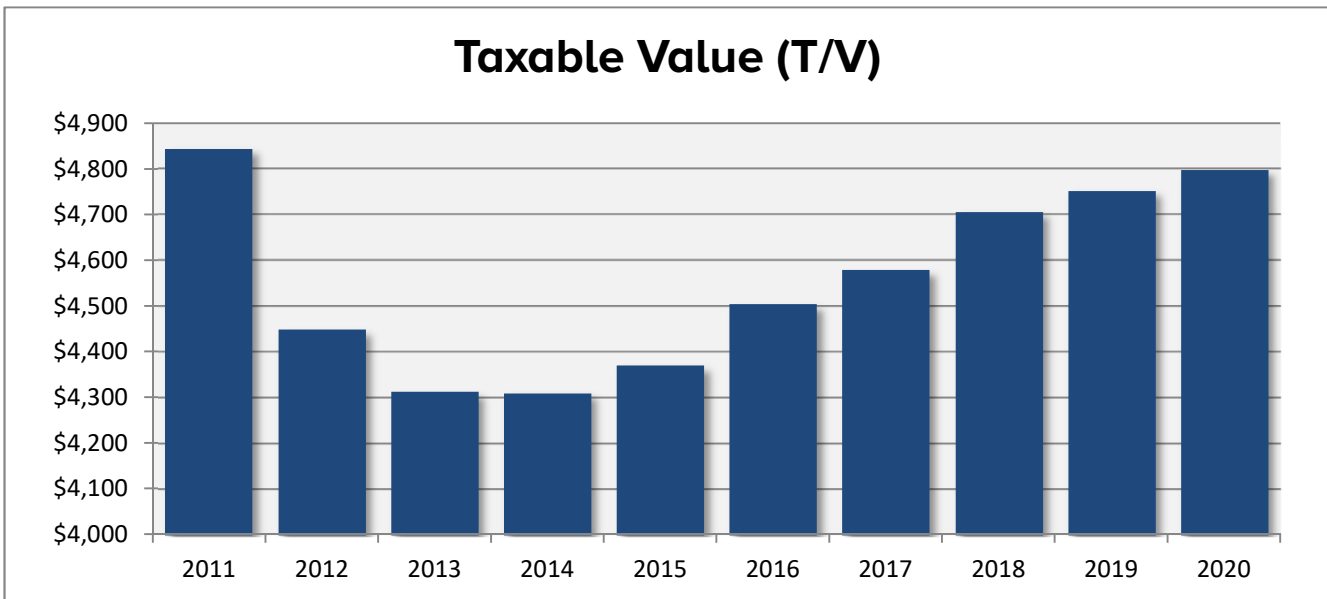
## Collective Bargaining Agreements

Bargaining Unit	Expiration Date	# of Employees Covered
American Federation of State, County and Municipal Employees <b>(AFSCME)</b> - Public Works Employees	6/30/2021	62
Michigan Association of Police <b>(MAP)</b> - Clerical Employees, Police Service Aides	6/30/2018	44
Troy Command Officers Association <b>(TCOA)</b> - Command Police Officers	6/30/2019	22
Troy Police Officers Association <b>(TPOA)</b> - Police Officers	6/30/2020	79
Troy Fire Staff Officers Association <b>(TFSOA)</b> - Career Fire Professionals	6/30/2019	10
Troy Communications Supervisors Association <b>(TCSA)</b> Civilian Communications Supervisors	6/30/2021	7

**Economic Information**



The City of Troy has maintained one of the lowest tax rates of surrounding cities. Fiscal years 2017 and 2018 assume the passage of 0.70 mills for Library operations. Accordingly, they are for comparative purposes only.



In Michigan the assessed value is approximately 50% of the market value of a home. If the home sells for \$200,000 the assessed value would be \$100,000. Each mill levied on this property would cost \$100 annually (before any applicable state or federal tax credits). Under the state school funding system (Proposal A) the annual increase in the taxable value of your property is capped at the rate of inflation or 5%, whichever is less.

## Statistical Information

· <b>Area</b>	34.3 square miles (21,952 acres)	
· <b>Form of Government</b>	Council-Manager (since December 12, 1955)	
· <b>Present Charter</b>	Adopted December 12, 1955	
· <b>Elections</b>	General Elections are in November of odd numbered years:	
	Registered voters at the time of General Election on November 3, 2015	57,345
	Number of voters voting in General Election November 3, 2015	12,183
	Percentage of registered voters voted	21.2%
	Registered voters at the time of City General Election on November 5, 2013	58,361
	Number of voters voting in City General Election November 3, 2013	15,832
	Percentage of registered voters voted	27.1%
· <b>Fiscal Year Begins</b>	July 1 <sup>st</sup>	
· <b># of Employees</b>	Budget for 2017/18 349 regular, 134 part time/seasonal (full-time equivalents), summer and fall programs	
· <b>Fire Protection</b>	6 stations, training center, 12 fire personnel	
· <b>Police Protection</b>	1 station, 108 police officers, 36 non-sworn and 14 civilian employees	
· <b>Building Construction</b>	2006/07 1,696 permits \$113,160,162 estimated value	
	2007/08 1,588 permits \$103,420,413 estimated value	
	2008/09 1,251 permits \$ 99,128,945 estimated value	
	2009/10 1,185 permits* \$ 56,329,455 estimated value	
	2010/11 940 permits \$ 81,414,322 estimated value	
	2011/12 1,699 permits \$ 98,609,054 estimated value	
	2012/13 2,006 permits \$146,556,961 estimated value	
	2013/14 2,297 permits \$165,364,134 estimated value	
	2014/15 2,369 permits \$212,761,431 estimated value	
	2015/16 2,404 permits \$154,161,117 estimated value	
	*Change in permit base	
· <b>Streets</b>	454 miles improved 4.4 miles unimproved	
· <b>Sewers</b>	7.5 miles (combination storm and sanitary) 400.5 miles sanitary sewer 637 miles storm sewer	
· <b>Street Lights</b>	562 Detroit Edison-owned 1007 City-owned	
· <b>Water Plant</b>	Accounts: City - Regular 27,637 Annual Distribution 4580 million cubic feet Water Mains 540 miles Hydrants 5,854	

## Key Terms and Concepts

**[A] Accrual basis** accounting recognizes transactions when they occur, regardless of the timing of related cash flows. The application of accrual accounting techniques prevents distortions in financial statement representations due to shifts in the timing of cash flows and related underlying economic events near the end of a fiscal period.

**ACT 51** highway and street funds are derived from gas and weight taxes, and are distributed to communities by the Michigan Department of Transportation based on a municipality's population and number of street miles.

An **activity** is an office within a department to which specific expenses are allocated.

**APPROPRIATION REFERS TO AUTHORIZATION GRANTED BY A LEGISLATIVE BODY TO INCUR OBLIGATIONS AND TO EXPEND PUBLIC FUNDS FOR A STATED PURPOSE.**

The City of Troy's **appropriation ordinance** is the official enactment by City Council establishing legal authority for the City to incur obligations and to expend public funds for a stated purpose.

**Assessed valuation** is the value placed upon property equal to 50% of fair market value, as required by State law.

**[B] A balanced budget** is one in which estimated revenues plus prior year accumulated reserves are equal to or greater than estimated expenditures.

The **budget calendar** is the schedule of key dates a government follows in the preparation and adoption of the budget.

The **budget message** is a written policy and financial overview of the City as presented by the City Manager.

A **budgetary center** is a grouping of office, or activity, budgets that are combined to create a cost center in which actual expenditures cannot exceed budgeted appropriations.

**[C]** A disbursement of money that results in the acquisition of or addition to fixed assets is called a **Capital expenditure**. The item must have a purchase price greater than \$10,000 to be considered a Capital item.

The **Capital Projects Fund** is used to account for development of municipal Capital facilities other than those financed by the Enterprise Fund.

The **Community Development Block Grant (CDBG)** is a federally funded program to assist communities in the expansion and improvement of community services, to develop and improve neighborhoods, and to restore and preserve property values.

**[D]** The **Debt Service Fund** is used to account for the accumulation of resources for and the payment of general long-term debt principal and interest.

**Deferment** is a form filed (by qualifying residents) that allows a postponement of the summer homestead tax, without levying interest or penalty, unless payment is made after the deferment date.

A **deficit** is an excess of liabilities and reserves of a fund over its assets.

The **departmental mission statement** describes the course of action proposed to link the City's goals and objectives with the financial resources of the department.

[E] An **enterprise fund** is used to account for operations that are financed and operated in a manner similar to a private business, i.e. the intent of the governing body is that the costs of providing goods or services to the general public on a continuing basis be financed or recovered primarily through user charges. An example of an enterprise fund is the Water and Sewer Fund.

The **equalization factor** is a multiplier applied to the assessed value of a class of property by the County Equalization Department or State Tax Commission that will produce a sum that represents 50 percent of the true cash value of that class.

**Expenditure** is the cost of goods delivered and services rendered, whether paid or unpaid, including expenses, debt retirement not reported as liability of the fund from which retired, or capital outlay.

An **expenditure object** is a specific classification of expenditure accounts that includes a number of related accounts determined by the type of goods and services to be purchased. For example, the personnel services expenditure object includes the wages account as well as all fringe benefit accounts. Expenditure objects include personnel services, supplies, other services/charges, capital outlay, debt service, and transfers out.

[F] **FOIA** is the acronym for the Freedom of Information Act.

**Fixed assets** are equipment and other Capital items used in governmental fund type operations and are accounted for in the general fixed assets group of accounts rather than in the government funds. Such assets, which are recorded as expenditures at the time of purchase, do not include certain improvements such as roads, bridges, curbs and gutters, streets and sidewalks, and lighting systems. No depreciation has been provided on general fixed assets.

A **fund** is a fiscal and accounting entity with a self-balancing set of accounts recording cash and other financial resources, together with all related liabilities and residual equities or balances, and changes therein, which are segregated for the purpose of carrying on specific activities.

The City's accounts are organized on the basis of funds and account groups in order to report on its financial position and results of its operations. **Fund accounting** is designed to demonstrate legal compliance and to aid financial management by segregating transactions related to certain government functions or activities.

**Fund balance** is the excess of a fund entity's accumulated assets over its liabilities. Typically, excess revenues over expenditures at year-end will increase a fund's fund balance.

[G] The **Governmental Accounting Standards Board (GASB)** is the ultimate authoritative accounting and financial reporting standards-setting body for state and local governments.

The **General Fund** is the City's major operating fund to account for all financial resources except those required to be accounted for in another fund.

**Generally Accepted Accounting Principles (GAAP)** are conventions, rules and procedures that define accepted accounting practice at a particular time, including both broad guidelines of general applications and detailed practices and procedures. GAAP represents the benchmark by which financial statements are measured



THE **GOVERNMENT FINANCE OFFICERS ASSOCIATION (GFOA)** OF THE UNITED STATES AND CANADA IS A PROFESSIONAL ORGANIZATION OF PUBLIC OFFICIALS UNITED TO ENHANCE AND PROMOTE THE PROFESSIONAL MANAGEMENT OF GOVERNMENTAL FINANCIAL RESOURCES BY IDENTIFYING, DEVELOPING AND ADVANCING FISCAL STRATEGIES, POLICIES AND PRACTICES FOR PUBLIC BENEFIT.

**[I] Internal Service Funds** are used to finance and account for services furnished by a designated department to another department within a single governmental unit. Examples of funds in this category are Building Operations, Fleet Maintenance, and Information Services.

**[L] A Line Item Budget** is one that emphasizes allocations of resources to given organizational units for particular expenditures, such as salaries, supplies, services, and equipment. Line item budgets may be organized to provide accountability at varying levels, such as on department, division, or agency levels.

**[M] The Michigan Transportation Fund (MTF)** designates bonded road projects that are financed by Motor Vehicle Highway Funds.

**THE MODIFIED ACCRUAL BASIS OF ACCOUNTING RECOGNIZES REVENUES IN THE PERIOD THEY BECOME AVAILABLE AND MEASURABLE, AND EXPENDITURES ARE RECOGNIZED AT THE TIME A LIABILITY IS INCURRED PURSUANT TO APPROPRIATION AUTHORITY. EXCEPTIONS TO THE GENERAL RULE OF EXPENDITURE RECOGNITION OCCUR IN DEBT SERVICE.**

**[O] The operating budget** represents the authorized revenues and expenditures for ongoing municipal services and is the primary means by which government is controlled. The life span of an operating budget typically is one year or less, as opposed to a Capital budget, which usually has a long-term outlook, showing projects spanning a several year period. Personnel costs, supplies, and other service/charges are found in an operating budget.

**OTHER SERVICES/CHARGES** IS AN EXPENDITURE OBJECT WITHIN AN ACTIVITY THAT INCLUDES PROFESSIONAL SERVICES, UTILITIES, RENTS, AND TRAINING, FOR EXAMPLE.

**[P] Performance indicators** measure how a program is accomplishing its mission through the delivery of products or services.

**Performance objectives** are desired output-oriented accomplishments which can be measured within a given time period.

**Personal Services** is an expenditure object within an activity, which includes payroll and all fringe benefits.

**Proposal "A"** is a State constitutional amendment approved by the electorate in 1994 that limits the increase in taxable value of individual parcels to the Consumer Price Index or 5%, whichever is lower. This applies to all properties that do not transfer ownership. Properties that change ownership or where additions or new construction takes place can be assessed at 50% of fair market value.

**[R] Results-oriented budgeting** is a management concept that links the annual line item budget to departmental results of operations.

**Revenue** is defined as an addition to the assets of a fund which does not increase a liability, does not represent the recovery of an expenditure, does not represent the cancellation of a liability without a corresponding increase in any other liability or a decrease in assets, and does not represent a contribution of fund capital in enterprise or in intra-governmental service funds.

**[S] SAD** is the acronym for special assessment district.

The **service statement** shows general and specific service deliveries rendered by an activity for the community.

The **Special Revenue Fund** is used to account for the proceeds of specific revenue sources (other than special assessment, expendable trusts, or the major capital projects) that are legally restricted to expenditures for specified purposes.

**STATE SHARED REVENUE** REFERS TO THE PORTION OF THE \$.06 SALES TAX RETURNED TO LOCAL GOVERNMENTS BASED ON PER CAPITA TAXABLE VALUE, POPULATION AND RELATIVE TAX EFFORT.

**Supplies** is an expenditure object within an activity, which includes all supplies that have a useful life of less than one year and/or a purchase price of less than \$500.

**Surplus** refers to an excess of the assets of a fund over its liabilities and reserves.

**[T] TRANSFERS - IN/OUT** ARE LEGALLY AUTHORIZED FUNDING TRANSFERS BETWEEN FUNDS IN WHICH ONE FUND IS RESPONSIBLE FOR THE INITIAL RECEIPT AND THE OTHER FUND IS RESPONSIBLE FOR THE ACTUAL DISBURSEMENT.

**[U] Unreserved Fund Balance** is the balance of net financial resources that are spendable or available for appreciation or the portion of fund balance that is not legally restricted.

**[W] WATER & SEWER FUND:** THE ENTERPRISE FUNDS ACCOUNT FOR THE OPERATION OF THE WATER AND SEWER SYSTEM. THE REVENUES CONSIST OF CHARGES FOR SERVICES FROM CITY BUSINESSES AND RESIDENCES THAT ARE USED TO PAY FOR ALL WATER AND SEWER RELATED EXPENSES.