

ADOPTED BUDGET

GOING BACK TO OUR ROOTS

CITY OF TROY | 2018/2019

BUDGET



MICHIGAN

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A map of Troy, Michigan, showing various streets and landmarks. A dark diagonal band runs from the bottom left to the top right. The text "Manager's Message" is overlaid in white. Landmarks include PetSmart West Rochester Hills, Pine Trace Golf Club, Sanctuary Lake Golf Course, Troy Police Training Center, and Fresh Thyme Farmers Markets. Streets shown include Auburn Rd, W South Blvd, Chrysler Fwy, and others.

Manager's Message

DEAR MAYOR AND CITY COUNCIL MEMBERS:

2018 was the year we took a look back at Troy's roots as an opportunity to grow as a city. We continue to believe that a strong community embraces diversity, promotes innovation, and encourages collaboration. For the past five years we have developed strategies to improve the quality of life in Troy, and this year was no different. By starting at the beginning, "our roots," we are able to take a step back and look at where we've been and where we'd like to go. The possibilities are endless.

It is my pleasure, in accordance with the City Charter, to present to you the 2019-2021 City Budget.





This budget document builds on our strong financial foundation with the forward-thinking principles of a three-year budget, strong links to the 12 organizational strategies, focused financial decisions on results, and strong partnerships with our community stakeholders. Budget priorities originate from discussions at the annual retreat, attended by staff, City Council, and the Planning Commission. This gathering was supplemented by City Council Study Sessions and public engagement sessions held during the year.

This year's study sessions included:

1. Civic Center Redevelopment, Opportunities and Strategies for Public Engagement, and Strategies for Green Space Preservation
2. Big Beaver Shuttle
3. Medical Marijuana
4. Two Joint City Council and Planning Commission meetings to discuss:
 - » The Michigan Planning Enabling Act and the Michigan Zoning Enabling Act
 - » The City of Troy Master Plan and Zoning Ordinance
 - » How to Save Developers Time When Seeking Development Approval
 - » Design Standards
 - » Next Steps
 - » Troy Town Center Master Plan
5. Two public engagement sessions on the Civic Center Development

City administration practices a policy of openness and inclusion. This is achieved through dynamic engagement with City Council, staff, the Financial Ideas Team, and community partners. Our financial strategy incorporates analysis, benchmarking, and long-term projections. The 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 from Standard and Poor's Municipal Bond Rating Analysis, and strong financial standing in Oakland County and the State of Michigan. 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.

The 2018/19 budget for all City funds totals \$165.7 million, with \$65.5 million in the General Fund which accounts for services to residents and businesses. Special Revenues Funds in the amount of \$20.7 million include major and local road maintenance, refuse collection/disposal and recycling activities, and Library operations. Capital Projects Funds total \$17.6 million and notable projects in the 2018/19 budget include: major and local street projects (\$10.6 million), two Fire Ladder Trucks (\$1.6 million), and continuation of Trails and Pathways project (\$750,000). General Fund revenues and other sources are budgeted at \$62.2 million, an increase of \$3.2 million or 5.4% over the prior year's budget. This modest increase is primarily attributed to tax revenues, charges for services, state shared revenues, and transfers in from other funds. The General Fund's main source of revenue, property taxes, increased by \$1.2 million or 3.9% totaling \$32.9 million. The City's general operating millage rate of 6.50 mills will provide approximately \$32.9 million or 52.9% of the total General Fund budget for revenues and other sources. Troy's overall millage rate of 10.2965 was reduced by 0.0618 mills due to a mandatory permanent rollback from application of the Headlee Amendment. 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. The CPI index used for the 2018/19 fiscal budget was 2.1%. In addition, the phase-in of the exemption for manufacturing personal property has reduced the tax base.





The 2018/19 General Fund expenditures and other uses budget is \$65.5 million, an increase of 1.7%. Personnel Services is the largest category of the General Fund Expenditures. The budget is \$41.0 million, an increase of \$2.5 million or 6.6% over the prior year budget. Specific staffing changes include one Police Sergeant and three Police officers to staff a Directed Traffic Safety Unit, two building maintenance technicians, one housing and zoning inspector, and one associate buyer position.

Public Safety expenditures of \$34.9 million increased \$1.8 million or 5.5%. Included in the increase is a temporary third captain position, directed Traffic Safety Unit, contracted IT services, gun replacement, and bi-annual physicals per union contracts. Other General Government expenditures include contractual services for the Engineering Department, election costs associated with an extra election in this fiscal year, office painting and carpeting for the Finance Department, a resident survey, and City web app.

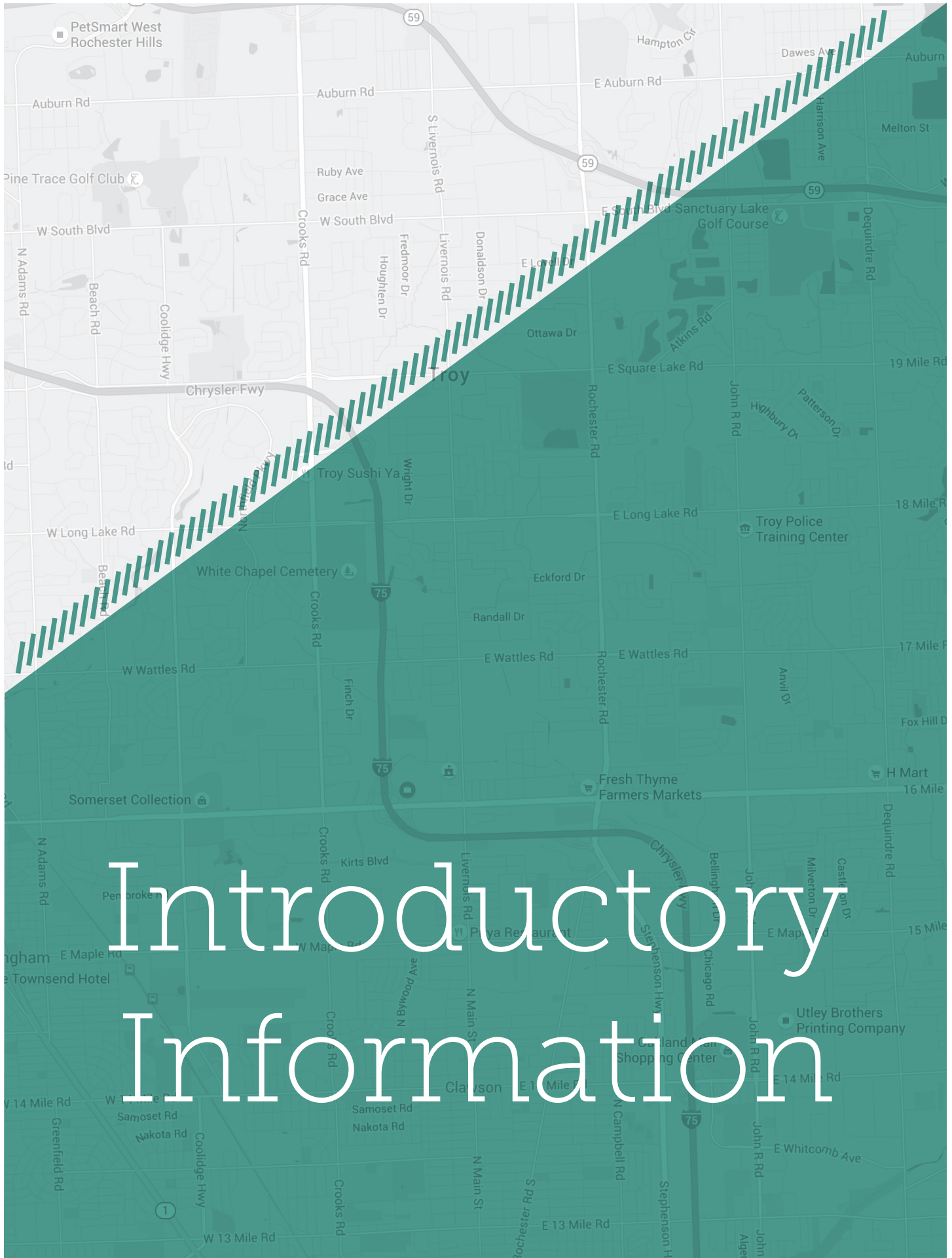
The Budget recognizes that the City sewer rates will increase from \$26.60 to \$27.40 per thousand cubic feet (mcf) used, representing a \$0.80 or a 3.0% increase. The combined water/sewer rates are recommended to increase from \$65.90 to \$66.70 per mcf, an increase of \$0.80 or 1.2%. Despite the increases, the City of Troy still maintains one of the lowest rates in the area. The 2019 budget process for developing the three-year spending plan is reinforced by our 2018 Strategies. We went back to our roots to identify strategies that address the shared beliefs of the City Council, Planning Commission, and Staff. The 12 strategies are initiatives that have measurable and achievable results that will best serve our residents.



I would like to thank our dedicated staff for thoroughly reviewing their operations and dedicating time to create this responsible financial plan. Special thanks to the staff of the City Manager’s Office for their teamwork, cooperation, and commitment to excellence in the budget process. I would also like to thank the community residents of the Financial Ideas Team for donating their time and for providing valuable insight, and finally I wish to thank the Mayor and City Council Members for their assistance in supporting the full budgeting process, and direction in developing our annual strategies. Together we can continue to make Troy the gold standard in local government.

Respectfully Submitted,

Mark F. Miller | Acting City Manager



Introductory Information

Elected Officials and Executive Management**City Council**

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

Executive Management

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

Senior Staff

- *Acting 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 and Grounds*
- *Fire Chief*
- *Human Resources Director*
- *Information Technology Director*
- *Library Director*
- *Recreation Director*
- *Planning Director*
- *Police Chief*
- *Public Works Director*
- *Purchasing Director*

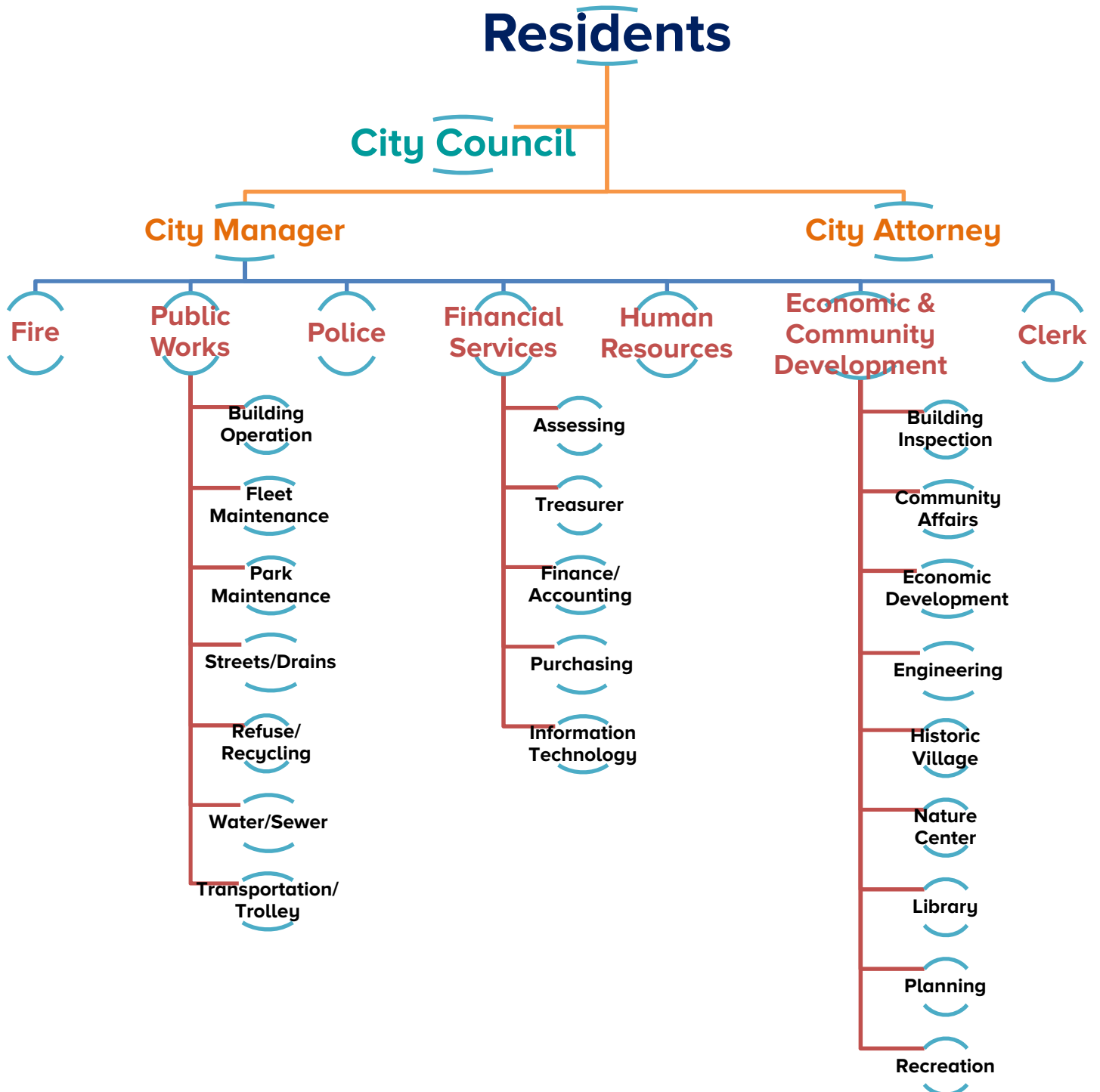
Mark F. Miller
 Lori Grigg Bluhm
 Mark F. Miller
 Thomas Darling, CPA
 Leger (Nino) Licari
 Aileen Dickson
 Steven J. Vandette
 Sandra Kasperek
 Lisa Burnham
 Cindy Stewart
 Dennis Trantham
 Dave Roberts
 Jeanette Menig
 Gert Paraskevin
 Cathleen A. Russ
 Elaine S. Bo
 R. Brent Savidant
 Gary G. Mayer
 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**2018/19 Budget At A Glance**

Total City revenues (before transfers in) are budgeted at \$138.5 million. This shows a modest increase of \$4.6 million or 3.5% over estimated fiscal 2018 amounts.. Total tax revenues of \$51.0 million are up \$1.6 million or 3.2% due to increases in taxable values for residential, commercial and industrial real property. Grants, including State Shared Revenue of \$19.1 million increased \$1.8 million or 10.7% primarily through expected federal capital grants for the Rochester Road, Barclay to Trinway project (\$2.0 million). Charges for services are budgeted at \$50.5 million. This is up \$817 thousand from estimated 2018 amounts primarily due to water and sanitary sewer sales, up \$495 thousand, based on a normal season of approximately 470 thousand mcf in sales volume and custodial service fees, up \$314 thousand, charged by the Building Operations internal service fund. Interest and rents are budgeted at \$5.7 million for a \$553 thousand or 10.8% increase due to Fleet Services internal service rental charges for vehicles and the DPW building.

The total City budget for expenditures (before transfers out) of \$149.4 million is relatively flat compared to the 2018 budget and an increase of \$12.2 million or 8.9% compared to 2018 estimates. Expenditures can be further defined by "Operating" costs and "Capital and Debt" related costs. The City's budgeted operating costs are \$119.8 million and are up \$4.6 million or 4.0% from the prior year budget. This increase is primarily in personal services (\$3.6 million) and other services charges (\$831 thousand). Capital and debt expenditures of \$29.5 million represent a decrease of \$4.1 million or 12.2% and is primarily associated with significant completion of major capital projects in local streets and the Sylvan Glen irrigation system. Operating transfers out represent reimbursements to other funds for costs incurred on their behalf.

The City created eight new full-time employee positions. The new positions include one police sergeant and three police officers for the new Directed Traffic Safety Unit, two Building Maintenance Technicians, a Housing and Zoning Inspector and an Associate Buyer position. In addition, an overall 2.1% increase in wages was established along with a "Merit Pay" system to encourage high performers. Healthcare costs increased 3.7% and retirement benefits increased 9% which were driven by an increase in Actuarially Required Contributions (ARC) to the Retiree Healthcare System amounting to a total of \$5.6 million or an increase of \$992 thousand or (21.3%).

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 decreased approximately \$187 thousand or 1.3% and sanitary sewer services increased \$321 thousand or 3.0%. The change in 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.

Other service charges also include charges to departments and other funds from the City's internal service funds. Charges from the Building Operations internal service fund increased \$201 thousand or (17.8%) and from the Fleet Services internal service fund increased \$322 thousand or (8.8%) when compared to the prior year budget.

Capital Outlay totals \$24.5 million and although less than the prior year budgeted amount of \$28.8 million, includes a significant investment in the City's infrastructure. This includes \$10.6 million in major and local street projects, \$1.6 million for two fire ladder trucks, \$2.2 million in building improvements including replacement of the DPW building roof (\$450 thousand), re-construction of cold storage facility (\$597 thousand) and Gun Range improvements (\$200,000), \$1.7 million in land improvements including \$750 thousand for trails and pathways along with the City Farm barn roof (\$245 thousand). The City will invest \$1.5 million in vehicle replacement. Investment in the water and sanitary sewer systems total \$5.3 million.

2019/20 thru 2020/21 Budget Assumptions

Total City revenues (before transfers in) are budgeted at \$139.5 million and \$139.4 million respectively. This is a slight increase overall of approximately \$900 thousand or 0.7% from 2019 budgeted amounts. Property taxes are expected to increase \$982 thousand or 1.9% in 2019/20 and decrease \$123 thousand or 0.2% in 2020/21 due to an expected decrease in the millage rate for debt service. Grants of \$9.9 million and \$7.9 million in 2019/20 and 2020/21 are reduced from 2018/19 amounts due to an expected decrease in federally funded street projects for the Rochester Road, Barclay to Trinway project (\$2.0 million) which is expected to be completed. State Shared revenues are conservatively budgeted to remain flat for these outlying years. Charges for services are budgeted at \$51.3 million for 2019/20, an increase of \$865 thousand or 1.7% and \$53.0 million for 2020/21, an increase of \$1.6 million or 3.1%. The increases are primarily due to water and sanitary sewer sales, based on a normal season of approximately 470 thousand mcf in sales volume using estimated combined water/sewer rates of \$67.60 in 2019/20 and \$70.65 in 2020/21 per mcf.

The total City expenditures (before transfers out) are budgeted at \$147.0 million for 2019/20, a decrease of \$2.3 million or 1.6% and \$148.2 million for 2020/21, an increase of \$1.2 million or 0.8%. Expenditures can be further defined by "Operating" costs and "Capital and Debt" related costs. The City's budgeted operating costs for 2019/20 are \$122.2 million an increase of \$2.3 million or 1.9% and \$125.2 million for 2020/21, an increase of \$3.1 million or 2.5%. These increases are primarily in personal services (average \$900 thousand or 2.2%) for salary increases, increased healthcare costs and retirement benefits. Capital and debt expenditures for 2019/20 are \$24.9 million, a decrease of \$4.7 million or 15.9% and \$22.9 million for 2020/21, a decrease of \$1.9 million or 7.7%. These decreases are primarily attributed to a decrease in capital expenditures.

The City has budgeted to make 100% of the actuarially determined contributions for the Retiree Healthcare Trust in the 2019/20 and 2020/21 fiscal years at \$5.6 million and \$5.5 million, respectively, along with the Volunteer Firefighter Incentive Plan & Trust at \$1.3 million each year. There are no required contributions for the Employee Pension Trust Fund.

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 87,177 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 18 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
- √ United Shore Financial Services
- √ Flagstar Bank
- √ Delphi/Aptiv
- √ Troy School District
- √ Kelly Services
- √ Magna
- √ Meritor
- √ Altair
- √ The Suburban Collection

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.

2018 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 Evaluate and determine a plan to address the Civic Center property and continue to provide information to the public
- 2 Create 360 degree marketing/branding solutions to further engage the community
- 3 Beautify with flowers and public art, and continue to enhance City amenities including trails and pathways, farmers market, Troy Public Library, Big Beaver Corridor, Troy Transit Center, and Troy Community Center
- 4 Examine place-making opportunities through development policies
- 5 Continue to focus on the City's infrastructure through funding capital projects
- 6 Invest in innovative public servants who are leaders in trust, inclusiveness, creativity, and kindness
- 7 Evaluate staffing and service levels to invest in organizational resources for efficiencies and proactive public engagement
- 8 Identify methods to attract investors to create an innovative entertainment district along the Maple Road Corridor
- 9 Recruit, retain employees by creating career advancement and development opportunities for both full-time and part-time
- 10 Re-imagine the Citizens Academy
- 11 Strengthen relationships with Troy-based nonprofit organizations
- 12 Provide high quality Police services that reduce crime, collaborate with the community, and safely respond to critical incidents

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

REVENUE 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.
- ✓ 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 2017/18 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
2018/19 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 12, 2018

City Council workshops: Budget review, questions, and adjustments, Monday April 16, 2018 and Thursday, April 19, 2018

May

Budget notice is published in local newspapers

City Manager prepares approved 2018/19 Three Year Budget document incorporating City Council adjustments

Quarterly financial performance report prepared

Public hearing for budget, Monday, May 7, 2018

City Council adopts taxation resolution and appropriations ordinance, Monday, May 7, 2018

June

Director of Financial Services prepares final current year budget amendment



Millage Rates for Troy Residents and Businesses

Taxing Entity	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	Proposed 2018/19
Tax Rate Shown in Mills								
Troy School District	9.74	10.51	10.07	10.07	9.69	10.10	10.33	10.33
Oakland County Gov.	4.65	4.65	4.65	4.65	4.55	4.49	4.49	4.49
O.C. Comm. College	1.58	1.58	1.58	1.58	1.58	1.57	1.56	1.56
Intermediate School Dist.	3.37	3.37	3.37	3.37	3.36	3.34	3.31	3.31
S.M.A.R.T.	0.59	0.59	0.59	0.59	1.00	0.99	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	0.20
City of Troy	10.19	10.48	10.52	10.50	10.50	10.40	10.36	10.30
Total - Millage Rates	36.22	37.28	37.08	37.06	36.98	37.19	37.34	37.28

Millage rates are estimated for other taxing jurisdictions.

Average Residential								
Taxable Value	96,775	97,742	99,172	102,190	105,888	108,371	114,222	116,865

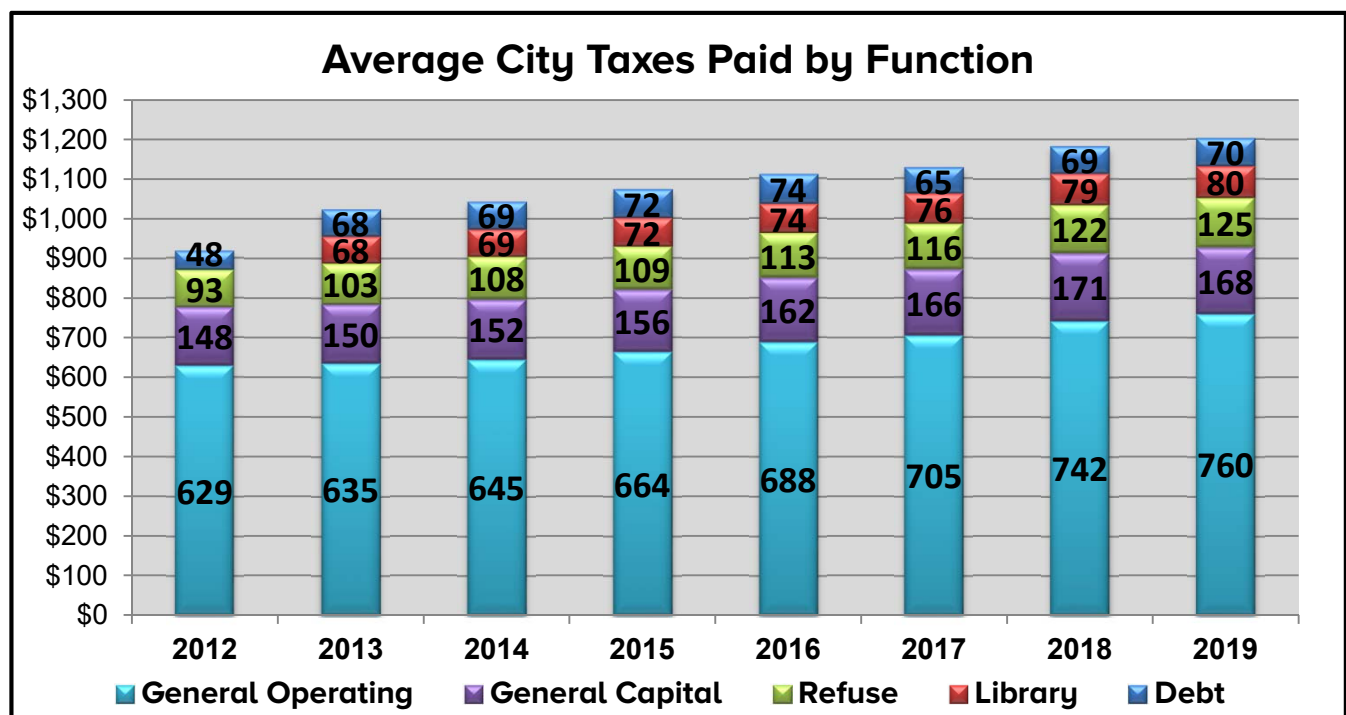
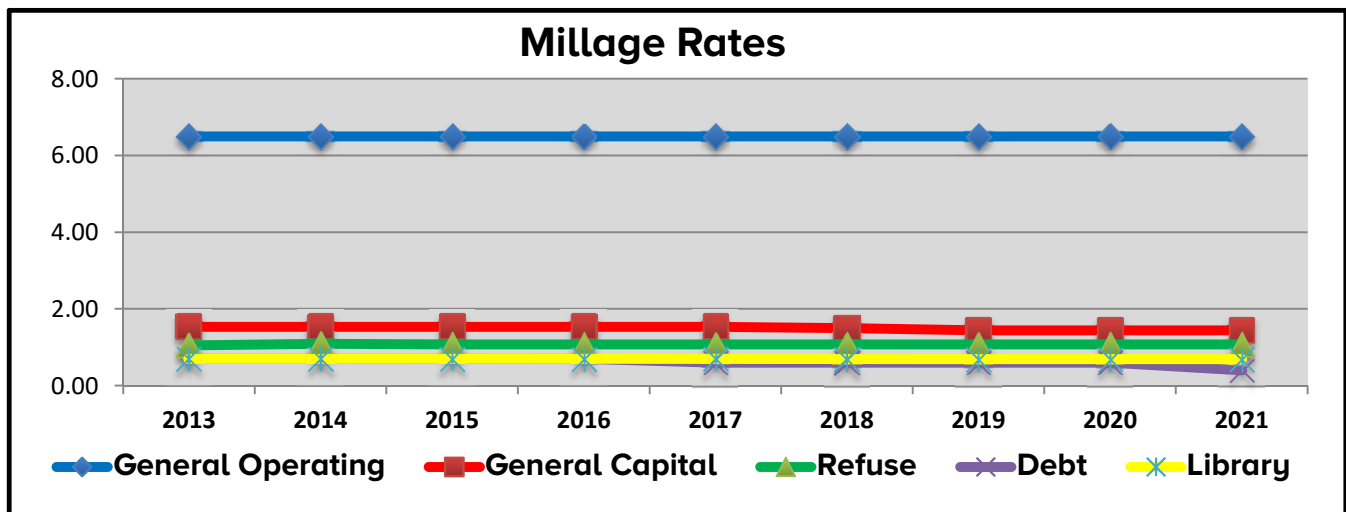
Taxing Entity	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	Proposed 2018/19
Average Tax Rates Shown in Dollars								
Troy School District	\$943	\$952	\$999	\$1,029	\$1,026	\$1,095	\$1,180	\$1,207
Oakland County Gov.	450	455	\$461	\$475	\$482	\$487	\$513	\$525
O.C. Comm. College	153	154	\$157	\$161	\$167	\$170	\$178	\$182
Intermediate School Dist.	326	329	\$334	\$344	\$356	\$362	\$378	\$387
S.M.A.R.T.	57	58	\$59	\$60	\$106	\$107	\$113	\$116
State Education	581	586	\$595	\$613	\$635	\$650	\$685	\$701
Zoo	10	10	\$10	\$10	\$11	\$11	\$11	\$12
O.C. Art Institute	-	-	\$20	\$20	\$21	\$22	\$23	\$23
City of Troy	986	1,024	\$1,043	\$1,073	\$1,112	\$1,127	\$1,183	\$1,203
Total - Dollars	\$ 3,506	\$ 3,568	\$ 3,678	\$ 3,785	\$ 3,916	\$ 4,031	\$ 4,264	\$ 4,356

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

The 2018/19 adopted budget reflects City taxes for the average residential household at \$1,203. This is an increase of \$20 or 1.7%. This increase is the combined result of a reduction in the City millage rate of 0.06 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.

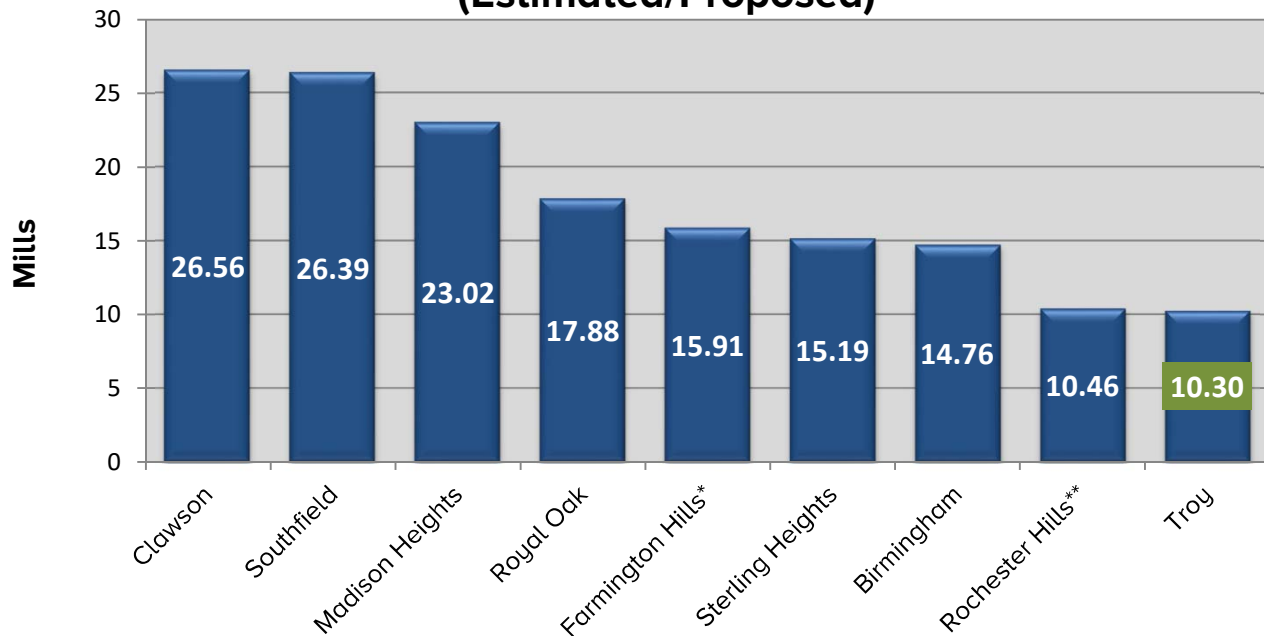
Millage Rates for Troy Residents and Businesses

	2013/14	2014/15	2015/16	2016/17	2017/18	Proposed 2018/19	Proposed 2019/20	Proposed 2020/21
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	1.4949	1.4381	1.4381	1.4381
Refuse	1.0900	1.0700	1.0700	1.0700	1.0700	1.0700	1.0700	1.0700
Debt	0.7000	0.7000	0.7000	0.6000	0.6000	0.6000	0.6000	0.4000
Library	0.7000	0.7000	0.6974	0.6989	0.6934	0.6884	0.6884	0.6884
Total	10.5200	10.5000	10.4974	10.3989	10.3583	10.2965	10.2965	10.0965



Millage Rates for Troy Residents and Businesses

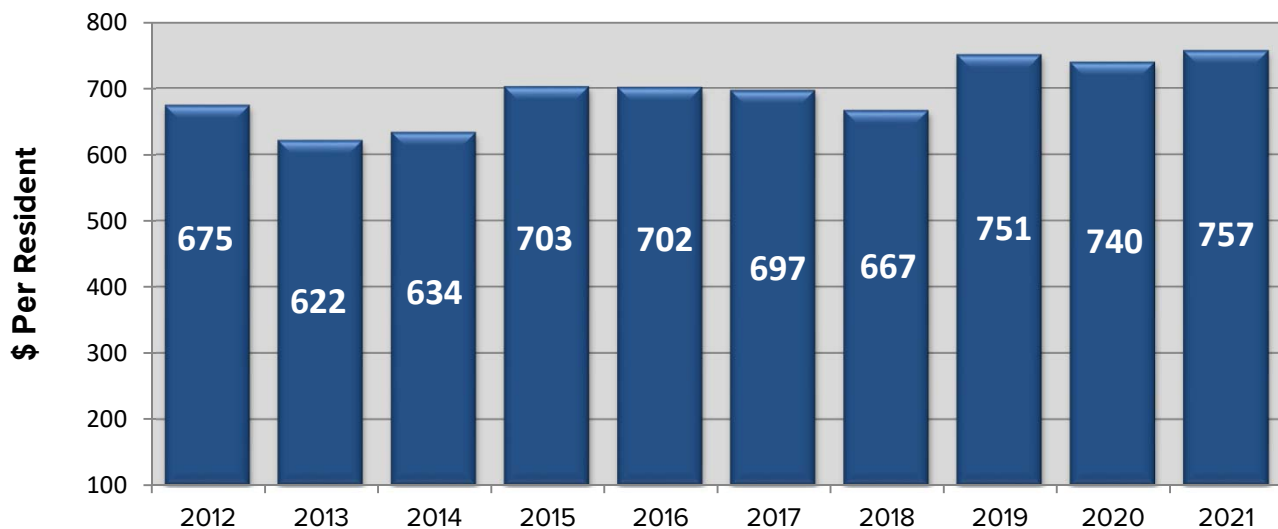
Comparison of Municipal Millage Rates For FY 2019 (Estimated/Proposed)



*Includes estimated millage rate for Library of 0.7 mill.

** Includes estimated millage rate for Library of 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 2018/19 budget, City property tax revenue of \$32.9 million represents 52.9% of total revenue and other sources, an increase of \$1.2 million or 3.9% 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 2018/19 taxable value was 2.1%. Taxable values were further restricted by the phase out of personal property tax on manufacturing equipment. In spite of these limitations, taxable value was \$4.9 billion representing an increase of \$193.3 million or 4.1%.

The general operations tax levy for the 2018/19 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 10.2965 mills **decreased by 0.0618 mills** compared to the prior year due mandatory permanent reductions invoked by the Headlee Amendment equating to a reduction of \$301 thousand. The operating millage rate of 7.9381 mills (general operating = 6.50 mills and Capital = 1.4381 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 \$2.9 million represents 4.6% 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 \$2.0 million or 69.2% of the total from licenses and permits.

Charges for Services

Charges for services are broken into the following 4 categories:

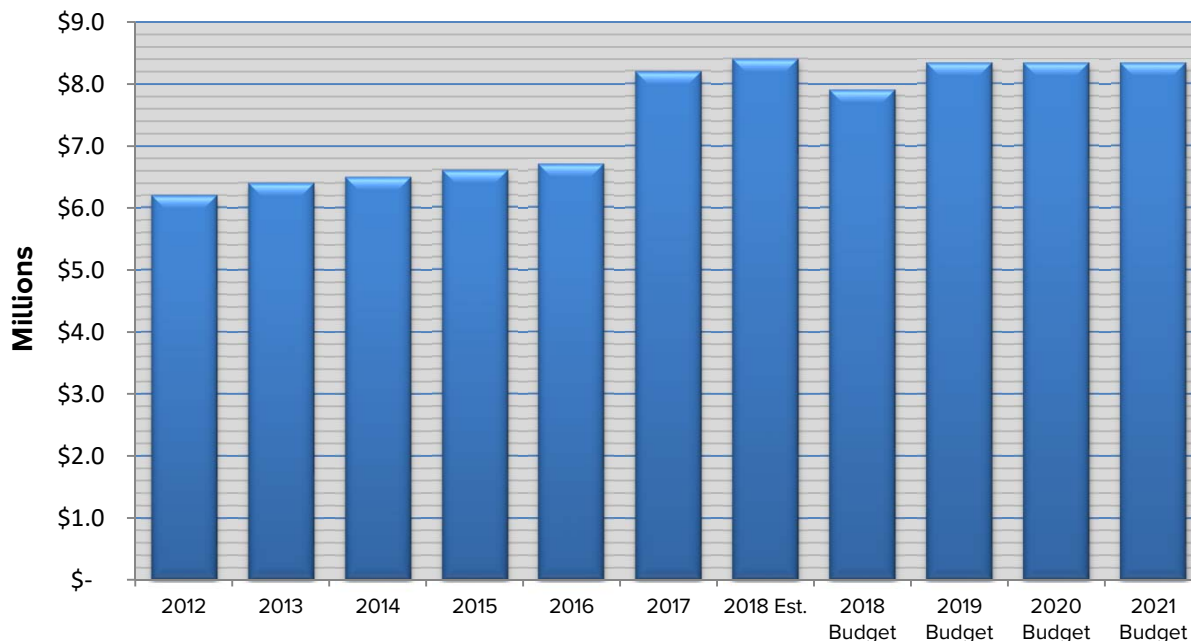
- 1.) Fees
- 2.) Services Rendered
- 3.) Sales
- 4.) Uses

In total, this revenue source generates \$9.2 million or 14.8% of total General Fund revenue and other sources. The \$9.2 million compares to \$8.9 million estimated for the 2017/18 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 FUNDLicenses 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 \$8.3 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.

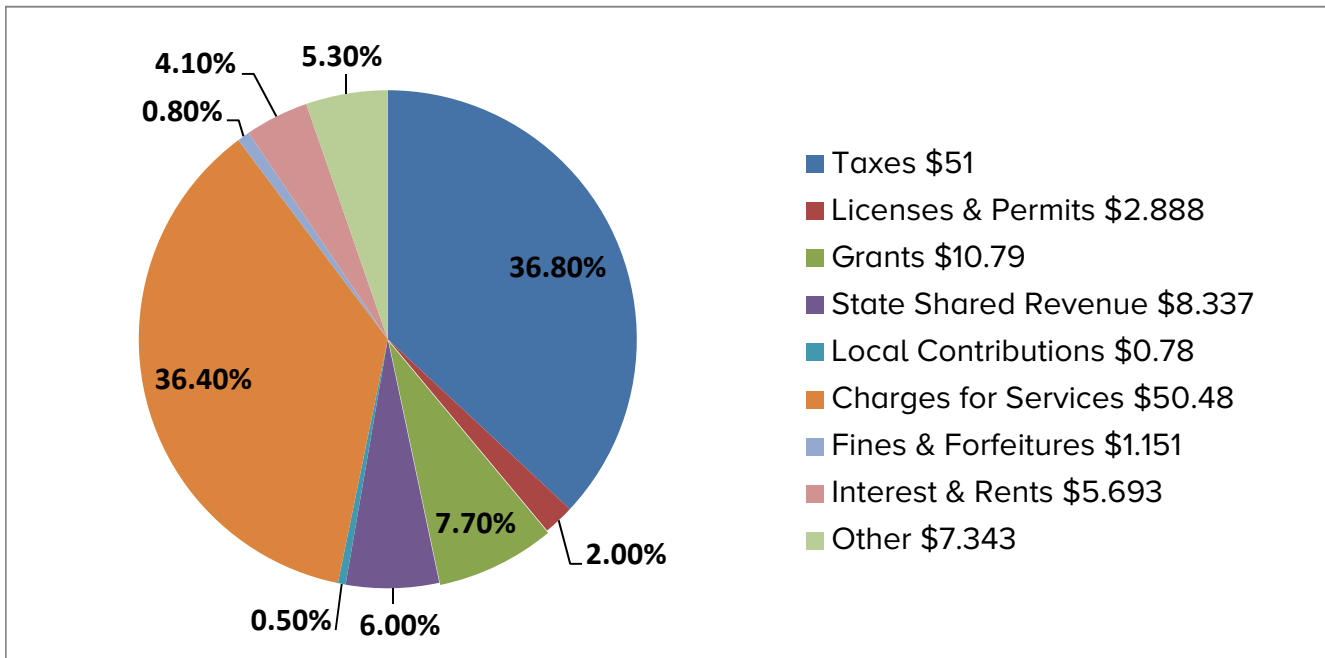
A trend of modest increases have been realized from State Shared Revenues since fiscal 2011. It should be noted however that these revenues were over \$8 million annually in early 2000. In addition, the increase that started in the 2016/17 fiscal year are reimbursements from the state for lost revenues 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

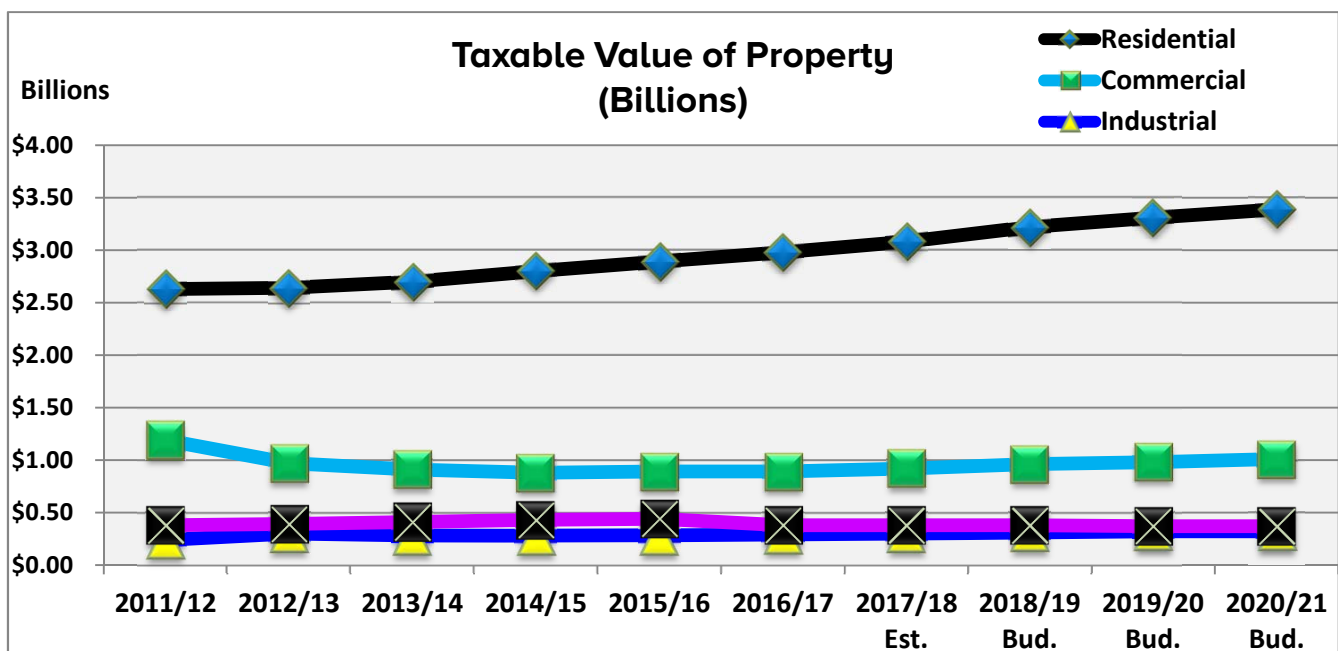
ALL FUNDS

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

(Millions)



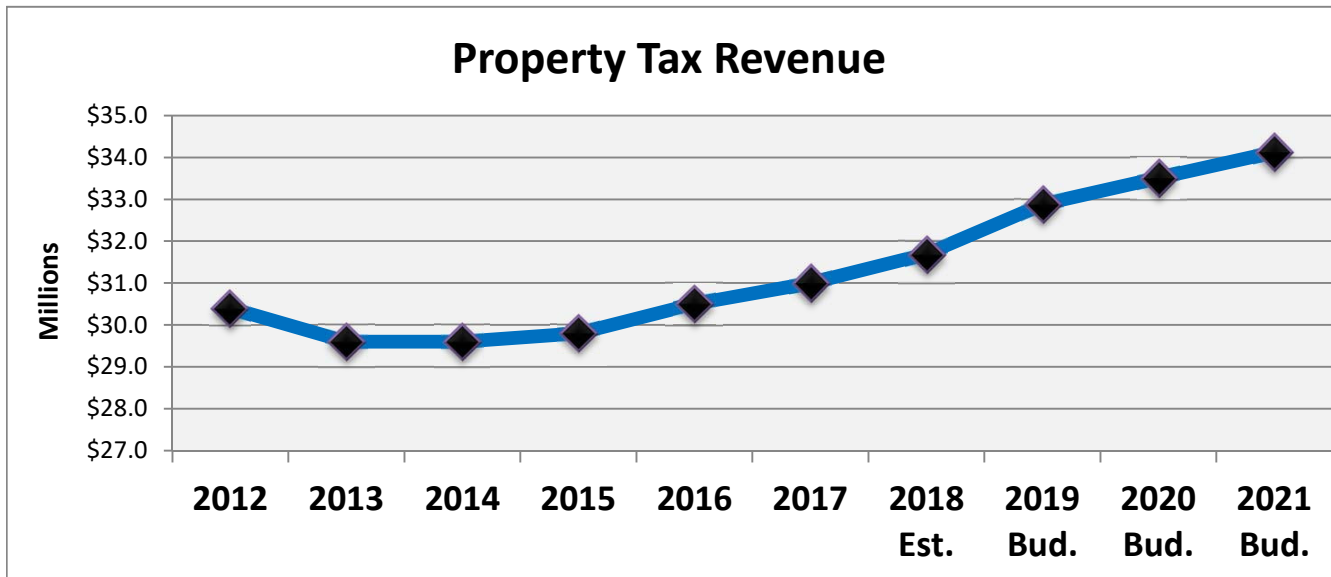
The following graph shows property value assessments by property type. The taxable value, along with the millage rate, determines the total property tax collected. The 2018/19 Residential value to Commercial/Industrial/Personal value is 66.2% to 33.8%



Major Revenue Sources

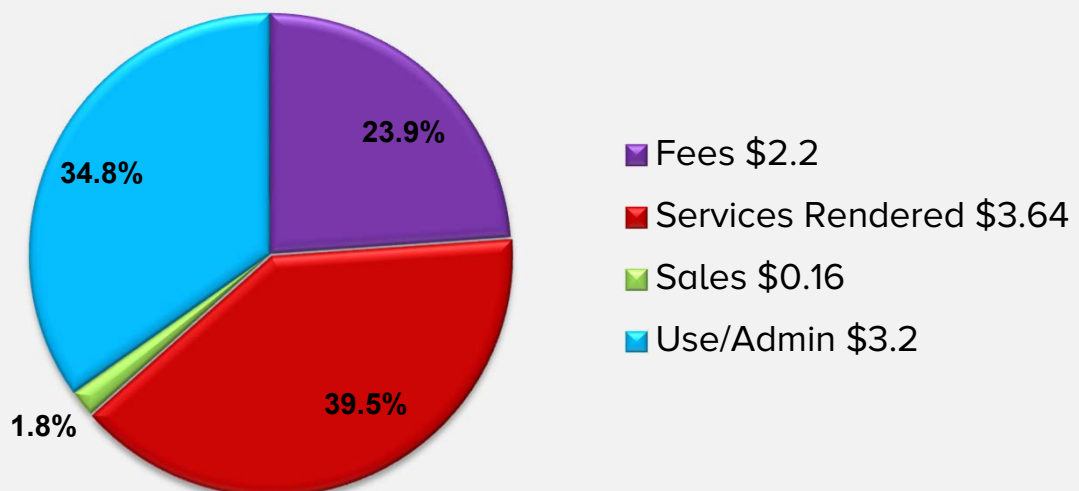
GENERAL FUND

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 (\$6.5 million)

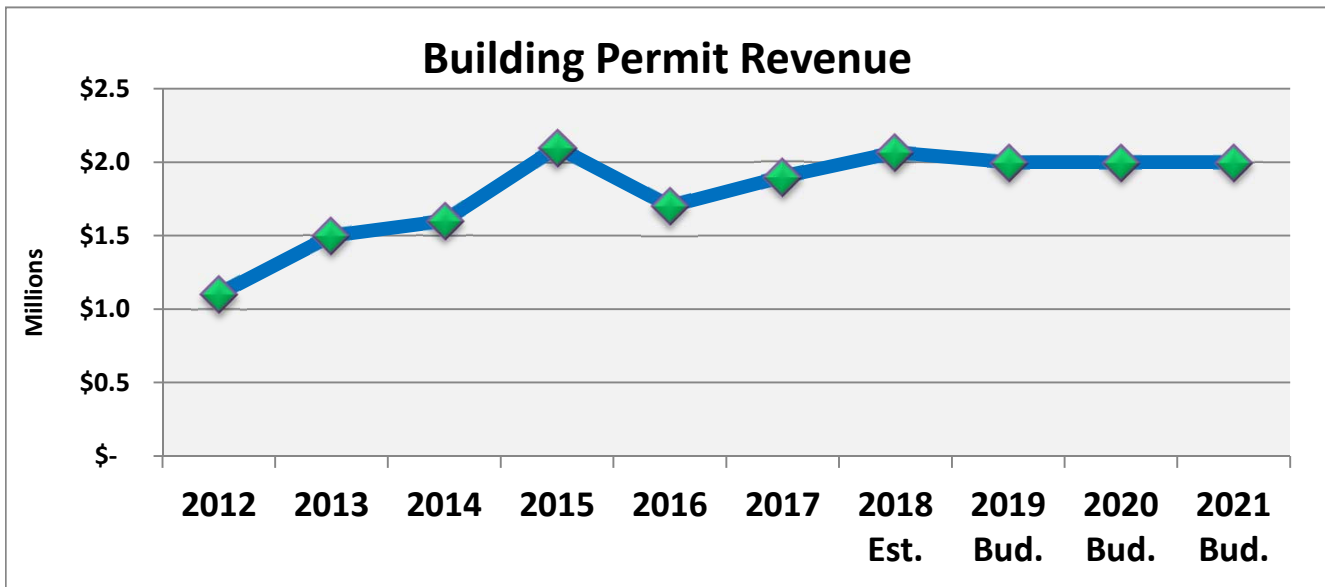
General Fund Charges for Services



Major Revenue Sources

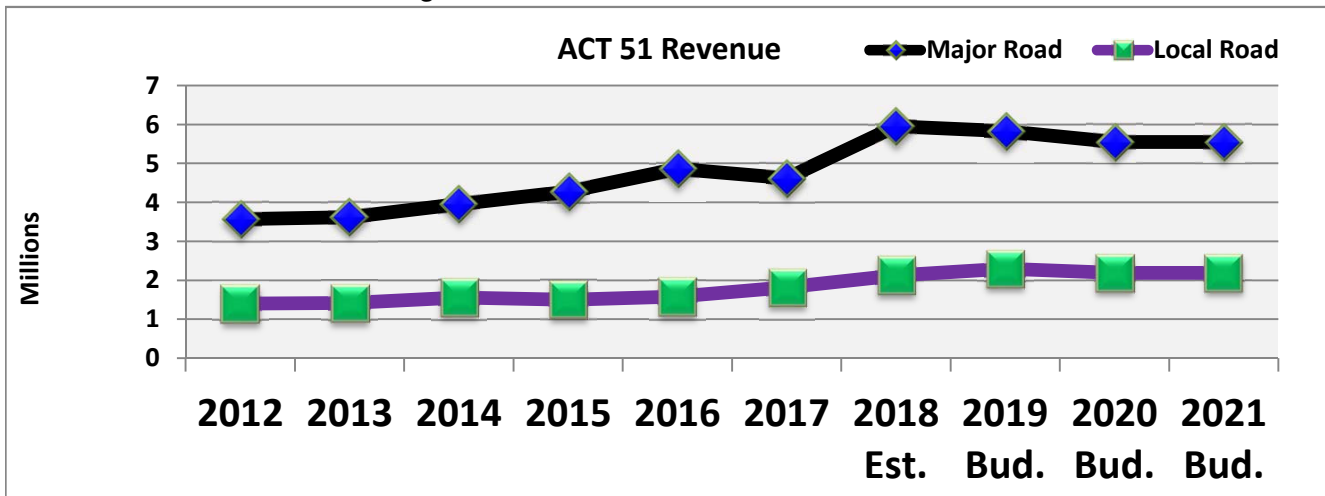
GENERAL FUND, continued

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

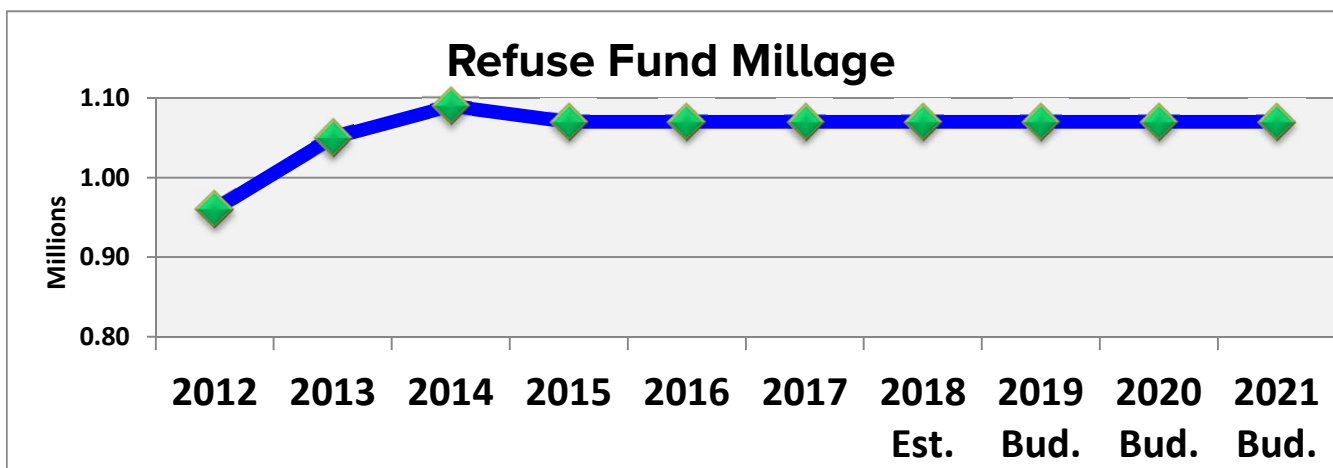
ACT 51 revenue is funded by the state and are based on a \$0.19 tax per gallon of gasoline sales, and \$0.15 tax per gallon of diesel sales which is then returned to local units of government using a formula that includes population and number of miles of major and local roads. This source of revenue 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 2017/18 through 2020/21.



Major Revenue Sources

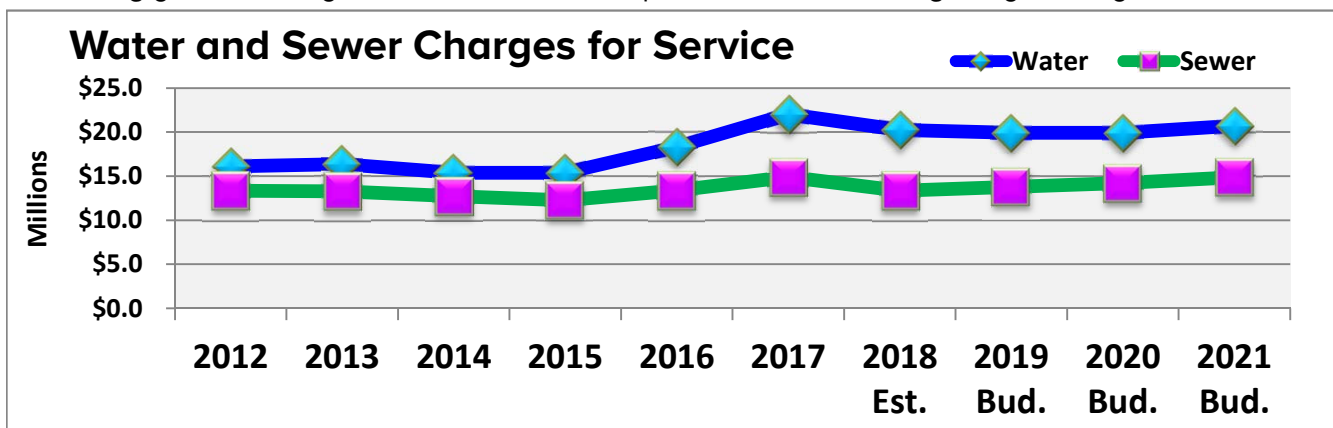
SPECIAL REVENUES FUNDS, continued

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 single stream recycling initiatives. There was a need to increase the mills from 1.05 mills in 2013, by 0.04 mills to 1.09 in 2014 and down 0.02 mills for 2015 through 2021 as a recognition of the stabilization and recovery of taxable values. The refuse millage is reviewed on an annual basis to assure the fund remains in good financial health.



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.

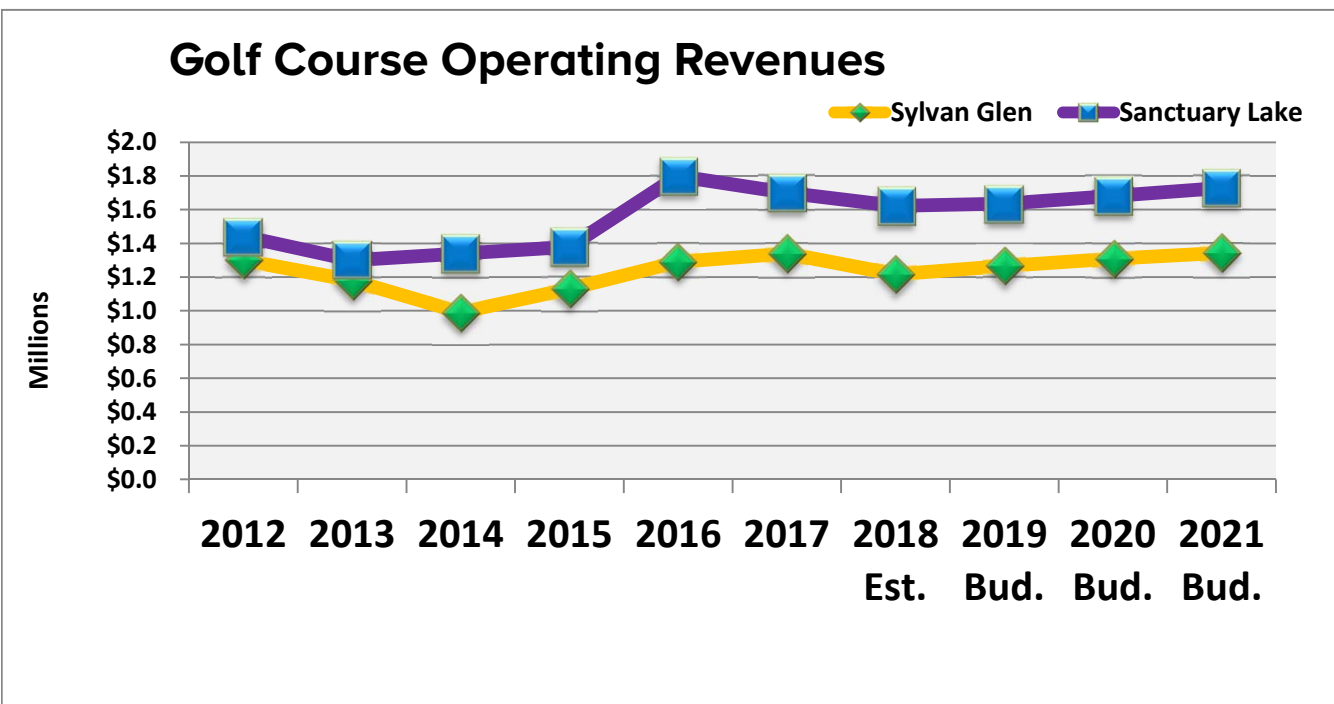


Major Revenue Sources

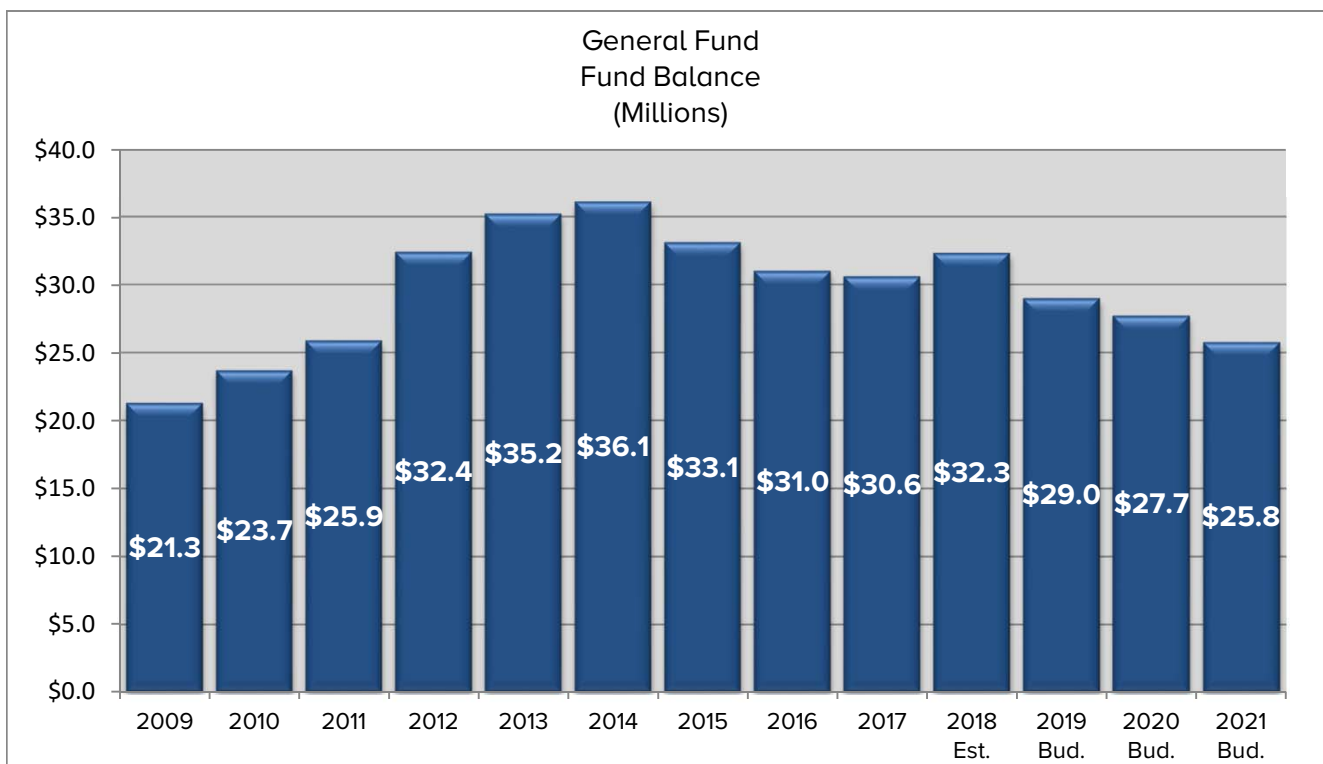
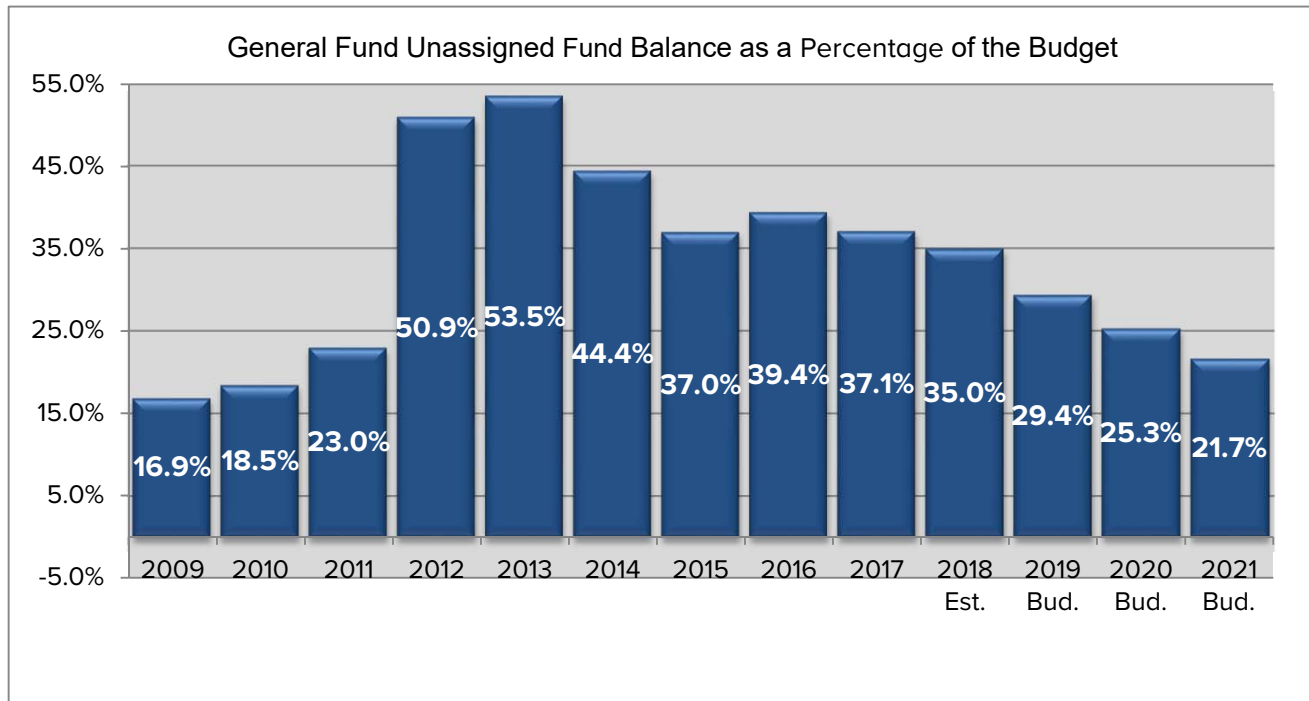
ENTERPRISE FUNDS, continued

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 44,200 rounds of golf in 2018 and 46,000 in 2019. Sanctuary Lake, the newer links style public course is expected to produce 38,600 rounds in 2018 and 38,000 in 2019. 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.



Executive Summary

The Executive Summary is prepared as an introduction to the 2018/19 through 2020/2021 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.

2018/2019 BUDGET YEAR

Total City Funds

The 2018/19 budget for all City funds totals \$165.7 million. The City establishes a budget for 21 General Fund Departments as well as 29 separate funds; these 28 funds can be further paired down into 6 major fund groupings. The largest is the General Fund, which accounts for \$65.5 million in services to residents and businesses.

Special Revenues Funds provide a total of \$20.7 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 2018/19 budget include:

Maintain and repair major roads (\$6.1 million)

Maintain local roads (\$4.2 million)

Refuse collection and disposal and recycling activities (\$5.3 million). Millage rate of 1.07 mills is well below the state maximum of 3.0 mills.

Library operations (\$4.2 million). Millage rate of 0.7 mills which expires July 1, 2021.

Debt Service Funds total \$6.7 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 \$17.6 million for 2018/19. These funds are used for capital equipment and vehicles, construction and improvement of municipal facilities and road construction. Notable capital projects in the 2018/19 budget include:

- Major and local street projects (\$10.6 million)
- Two Fire Ladder Trucks (\$1.6 million)
- DPW building roof replacement (\$450 thousand)
- Cold Storage building replacement (\$597 thousand)
- Gun Range updates and sound suppression (\$200 thousand)
- Continuation of Trails and Pathways project (\$750 thousand)
- City Farm barn roof replacement (\$245 thousand)

Executive Summary

Enterprise Funds total \$41.1 million and provide for \$4.1 million in recreational activities from the City golf courses and the Aquatic Center along with \$37.0 million for public utilities of water and sanitary sewer services.

Internal Service Funds account for \$14.1 million in services to all departments including Fleet Maintenance of \$5.3 million, Information Technology of \$2.2 million and Compensated Absences of \$4.8 million.

General Fund

General Fund revenues and other sources are budgeted at \$62.2 million, an increase of \$3.2 million or 5.4% over the prior year budget. This modest increase is primarily in tax revenues (\$1.2 million), charges for services (\$1.2 million), state shared revenues (\$438 thousand) and transfers in from other funds (\$344 thousand).

Tax revenues of \$32.9 million increased \$1.2 million or 3.9%. Although residential assessed values have seen modest increases since 2014, commercial assessed values have stabilized and are beginning to yield small trends upward, taxable value can only increase the lesser of inflation or 5%. The CPI index used for the 2018/19 fiscal budget was 2.1%. In addition, the phase in of the exemption for manufacturing personal property has reduced the tax base.

State Shared Revenue of \$8.3 million increased \$438 thousand or 5.6% from constitutional and statutory formulas. It should be noted that a significant increase in State Shared Revenue began in the 2016/17 fiscal year when the City began receiving reimbursements from the state for lost personal property taxes for exempt manufacturing legislation.

Charges for services of \$9.2 million increased \$1.2 million or 15.2% primarily for budgeted engineering fees.

Transfers in of \$5.5 million increased \$344 thousand or 6.6% due to reimbursements from Major and Local Street funds for direct costs incurred by the General Fund for street maintenance.

The 2018/19 General Fund expenditure and other uses budget is \$65.5 million, an increase of \$1.1 million or 1.7%.

General Government expenditures of \$9.2 million increased \$741 thousand or 8.7%. The Clerks Office includes an additional \$327 thousand primarily for election costs associated with an extra election in the fiscal year. Finance Department includes an additional \$120 thousand primarily for office painting and carpet. Purchasing Department includes an additional \$88 thousand for a new Associate Buyer position and the Buildings Department includes an additional \$99 thousand primarily for custodial and building maintenance costs.

Public Safety expenditures of \$34.9 million increased \$1.8 million or 5.5%. included in this increase is the Police Department that includes an additional \$1.6 million for a temporary third Captain position, a Directed Traffic Safety Unit including a new police sergeant and three new police officer positions, contracted IT services, gun replacement and bi-annual physicals per union contracts.

Public Works expenditures of \$7.6 million increased \$428 thousand or 6.0%. Included in this increase is Street maintenance that includes an additional \$351 thousand for summer labor, increased mowing and snow removal costs and custodial maintenance costs. It should be noted that the Major and Local Street funds reimburse the General Fund for Street Maintenance expenditures.

Community Development expenditures of \$3.8 million increased \$223 thousand or 6.2%. Included in this increase is the Engineering Department that includes an additional \$100 thousand for contracted services for

Executive Summary

Right of Way inspections.

Recreation and Culture expenditures of \$8.3 million increased \$106 thousand or 1.3%. Included in this increase is the Parks Department that includes an additional \$92 thousand for irrigation of public lands, increased building operation costs and increased contracted custodial services.

Operating Transfers Out decreased \$2.2 million or 57.4%. This decrease is due to local street and parking lot capital projects that were budgeted in the 2017/18 fiscal year. It should be noted that the \$1.6 million for two fire department ladder trucks that were originally budgeted in the 2017/18 fiscal year has been carried over to the 2018/19 fiscal year.

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 \$32.9 million, or 52.9% of the total General Fund budget for revenues and other sources.

Troy's proposed overall millage rate of 10.2965 was reduced by 0.0618 mills due to a mandatory permanent rollback from application of the Headlee Amendment.

Revenues by Categories:

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	\$ 2.889	4.65%
Federal, State and Local Grants	0.114	0.18%
State Shared Revenues	8.337	13.41%
Charges for Services	9.218	14.83%
Fines & Forfeitures	0.931	1.50%
Interest & Rents	1.094	1.76%
Other Revenues	1.158	1.86%
Transfers In	5.54	8.92%

Expenditures by Categories:

The \$65.5 million General Fund budget is comprised of 4 separate expenditure categories as follows:

Categories	Amount (Millions)	% of Total
Personal Services	\$ 41.024	62.65%
Supplies	3.170	4.84%
Other Service Charges	19.654	30.01%
Operating Transfers Out	1.635	2.50%

Executive Summary

Personal Services is the largest category of General Fund Expenditures. The budget for Personal Services is \$41.0 million, an increase of \$2.5 million or 6.6% over the prior year budget. Major factors to the increase include:

- Salary & Wages increased \$992 thousand or 4.4% due to normal annual wage and union step increases of \$634 thousand or 2.2%, the addition of eight new employees including one sergeant and three police officers for the directed traffic safety unit, two building maintenance technicians, one housing and zoning inspector and one associate buyer position. Additional part-time positions include 2.2 FTE's (Full-Time Equivalents) for election aides and parks summer labor. The City also budgeted for a "Merit Pay" program as an incentive to reward high performers and encourage innovative ideas.
- Retirement benefits increased \$547 thousand or 8.5% due to an increase in the actuarially determined contribution (ARC) for retiree health care benefits of \$992 thousand for a total contribution of \$5.6 million. This increase was partially offset by a reduction in the ARC for pension contributions of \$600 thousand.
- Other benefits such as FICA, Healthcare, Workers Comp, Sick and Vacation costs increased \$926.3 thousand due to the wage increases and new positions as described above.

Supplies are budgeted at \$3.2 million representing an increase of \$79 thousand or 2.6%. The increase is in the area of uniforms as required under union contracts and fuel and vehicle maintenance for non-fleet managed vehicles.

Other Services/Charges of \$19.7 million increased \$697 thousand or 3.7% due primarily to professional services for building maintenance internal service charges, contractual services for custodial maintenance charges and internal rent charges for fleet division charges.

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 the City needs to charge local residents and businesses.

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 \$109 thousand or 0.8% based on increases to the combination of these two components.

Executive Summary

The Great Lakes Water Authority will increase the water rate that it charges to the City of Troy effective July 1, 2018.

The water rate charged by the City to local residents and business is recommended to remain at the same level of \$39.30 per mcf.

The Oakland County Water Resource Commission (OCWRC) establishes rates for the two sanitary sewer systems utilized by the City of Troy. 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 is 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 \$10.9 million representing a combined increase of \$321 thousand or 3.0%.

The OCWRC will increase the sanitary sewer rates it charges the City of Troy effective July 1, 2018.

The budget recommends that City sewer rates increase from \$26.60 to \$27.40 per thousand cubic feet (mcf) used representing a \$0.80 or 3.0% 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 combined water/sewer rates are recommended to increase from \$65.90 to \$66.70 per mcf, an increase of \$0.80 or 1.2%. The average residential customer uses 3.9 MCF per quarter, which equates to a quarterly bill of \$260.13. This would be an increase of \$3.12 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 \$2.8 million for water and \$2.5 million for sanitary sewer. Water capital expenditures include improvements on Naughton, Wheaton to Piedmont (\$1.0 million), John R, Square Lake to South Blvd. (\$300 thousand) and John R, Long Lake to Square Lake (\$400 thousand). Sewer capital expenditures include improvements on John R, Long Lake to Square Lake (\$1.0 million), John R, Square Lake to South Blvd. (\$600 thousand) and Lift Station Renovations (\$100 thousand).

Both the Water and Sanitary Sewer Systems are expected to operate with an economic loss of \$387 thousand and \$1.2, respectively. A reduction in working capital of approximately \$812 thousand for the Water System and \$2.5 million for the Sanitary Sewer System is expected as the City meets the infrastructure needs of both systems.

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 2018/2019 budget calls for no change in the 1.07 mills. Based on the taxable value of the average residential home in the City of \$116,865, the average cost per resident is \$125 annually.

Executive Summary

The 2018/19 budgeted expenditures of \$5.3 million have increased \$180 thousand or 3.5%. 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 funding of \$17.2 million in the Capital Projects fund. Total Capital Outlay expenditures are budgeted at \$17.6 million. Significant projects include major and local Street improvements (\$10.6 million), purchase of two Fire Department ladder trucks (\$1.6 million), DPW building roof (\$450 thousand), cold storage building reconstruction (\$597 thousand), Gun Range improvements (\$200 thousand) and the continuation of Trails and Pathways (\$750 thousand).

Debt Service Funds

The voter approved Debt Service Funds (Proposals A, B & C) generate their revenue by applying 0.60 mills times the taxable value. Total outstanding debt estimated at 6/30/2018 is \$8.0 million and is scheduled to be paid off by the end of the 2020/21 fiscal year. The debt service requirements budgeted for the 2018/19 fiscal year is \$2.9 million.

The Series 2013 DDA Debt is financed by transfers from the DDA. The total debt outstanding estimated at 6/30/2018 is \$13.9 million and is scheduled to be paid off by 2034. The debt service requirement budgeted for the 2018/19 fiscal year is \$934 thousand.

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.

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

Executive Summary

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).

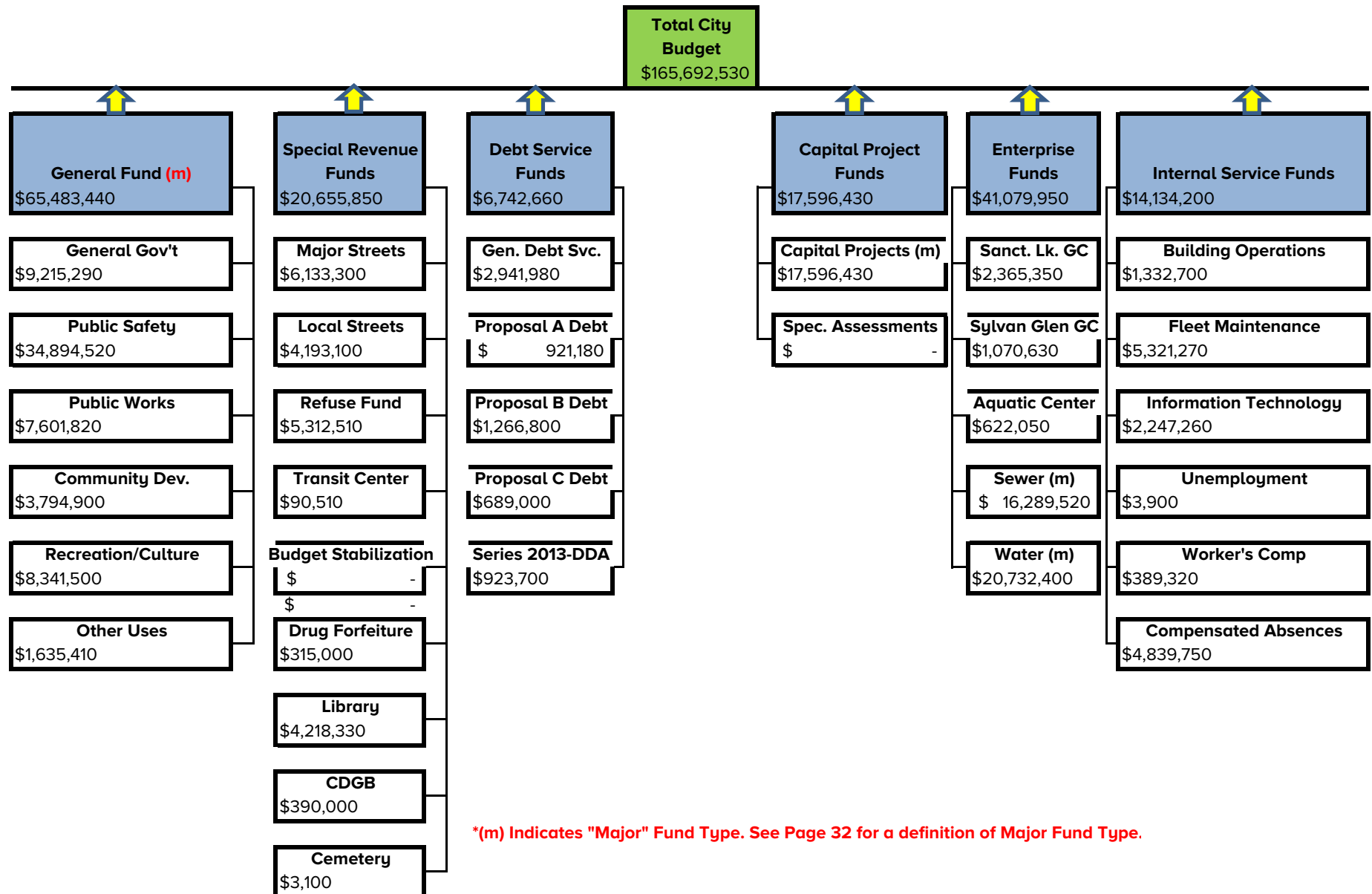
All Funds Consolidated Revenues and Expenditures

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
<u>REVENUE</u>								
Taxes	\$ 48,181,712	\$ 48,330,907	\$ 49,420,460	\$ 49,579,040	\$ 51,002,270	2.87%	\$ 51,983,890	\$ 51,861,118
Licenses And Permits	2,519,343	2,755,578	3,004,810	2,626,250	2,888,880	10.00%	2,901,580	2,914,180
Grants	9,970,316	7,610,124	8,881,560	8,753,990	10,796,910	23.34%	9,899,630	7,899,630
State Shared Revenues	6,604,137	8,168,343	8,402,560	7,899,200	8,337,300	5.55%	8,337,300	8,337,300
Contributions - Local	982,207	1,326,568	637,610	1,041,755	780,600	-25.07%	606,100	606,600
Charges For Services	46,361,083	50,447,809	49,664,890	48,417,730	50,481,790	4.26%	51,347,150	52,971,060
Fines And Forfeitures	1,183,572	1,415,428	1,312,500	1,296,750	1,151,500	-11.20%	1,149,500	1,146,500
Interest & Rent	6,242,148	4,824,586	5,141,120	6,109,773	5,693,950	-6.81%	5,769,580	5,907,510
Other Revenue	7,926,866	9,431,454	7,357,290	6,827,350	7,343,150	7.55%	7,504,250	7,731,580
Total Revenue	129,971,385	134,310,797	133,822,800	132,551,838	138,476,350	4.47%	139,498,980	139,375,478
<u>OTHER FINANCING SOURCES</u>								
Operating Transfers in	18,483,033	15,833,834	15,520,080	17,739,390	16,605,990	-6.39%	13,647,040	13,534,530
Total Revenues and Other Sources	148,454,418	150,144,630	149,342,880	150,291,228	155,082,340	3.19%	153,146,020	152,910,008
<u>EXPENDITURES</u>								
Personal Services	46,689,177	46,952,027	49,586,290	54,200,800	57,817,320	6.67%	59,052,290	60,646,960
Supplies	5,645,905	5,421,498	5,827,680	6,370,485	6,563,470	3.03%	6,461,460	6,628,190
Other Services and Charges	46,648,646	49,902,163	53,102,620	54,611,820	55,443,140	1.52%	56,645,480	57,954,580
Depreciation	4,841,114	5,045,043	-	-	-	0.00%	-	-
Expenditures for Operations	103,824,842	107,320,731	108,516,590	115,183,105	119,823,930	4.03%	122,159,230	125,229,730
Debt Service	4,548,163	4,466,103	4,837,320	4,841,380	4,981,210	2.89%	4,871,410	4,958,260
Capital Outlay	25,012,987	18,916,703	23,785,680	28,773,500	24,547,500	-14.69%	19,986,000	17,980,000
Total Expenditures	133,385,992	130,703,537	137,139,590	148,797,985	149,352,640	0.37%	147,016,640	148,167,990
Operating Transfers out	18,265,452	15,612,737	15,216,670	17,377,640	16,339,890	-5.97%	13,376,590	13,259,730
Total Expenditures and Other Uses	151,651,444	146,316,273	152,356,260	166,175,625	165,692,530	-0.29%	160,393,230	161,427,720
Net Revenues Over/(Under) Expenditures	(3,197,026)	3,828,357	(3,013,380)	(15,884,397)	(10,610,190)	-33.20%	(7,247,210)	(8,517,712)

* 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 32 for a definition of Major Fund Type.

All Funds Financial Summaries

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
General Fund								
Revenues and Other Sources	\$ 56,358,468	\$ 57,568,393	\$ 59,827,430	\$ 58,935,580	\$ 62,163,010	5.48%	\$ 63,233,020	\$ 64,044,440
Expenditures By Function:								
General Government	7,247,951	7,845,624	7,828,210	8,474,220	9,215,290	8.74%	9,135,330	9,378,330
Public Safety	28,562,706	29,811,914	30,485,270	33,087,680	34,894,520	5.46%	35,309,560	36,121,890
Public Works	5,372,206	5,441,181	6,375,310	7,173,700	7,601,820	5.97%	7,731,990	7,895,080
Community Development	3,073,451	3,318,495	3,464,400	3,571,915	3,794,900	6.24%	3,872,720	3,951,390
Recreation and Culture	6,727,785	6,927,336	7,752,750	8,235,988	8,341,500	1.28%	8,471,950	8,627,100
Other Financing Uses	7,410,000	4,668,860	2,200,000	3,835,410	1,635,410	-57.36%	-	-
Total Expenditures and Other Uses	58,394,099	58,013,410	58,105,940	64,378,913	65,483,440	1.72%	64,521,550	65,973,790
Net Surplus/(Shortfall)	(2,035,631)	(445,017)	1,721,490	(5,443,333)	(3,320,430)	-39.00%	(1,288,530)	(1,929,350)
Beginning Fund Balance	33,079,588	31,043,957	30,598,939	30,598,939	32,320,429	5.63%	28,999,999	27,711,469
Ending Fund Balance	\$ 31,043,957	\$ 30,598,939	\$ 32,320,429	\$ 25,155,606	\$ 28,999,999	15.28%	\$ 27,711,469	\$ 25,782,119
Special Revenue Funds								
Major Streets Fund								
Revenues and Other Sources	\$ 4,914,123	\$ 4,619,092	\$ 5,955,670	\$ 5,391,100	\$ 5,835,430	8.24%	\$ 5,554,010	\$ 5,554,010
Expenditures - Public Works	4,347,952	4,797,666	5,935,180	5,935,180	6,133,300	3.34%	6,252,630	6,310,040
Net Surplus/(Shortfall)	566,171	(178,574)	20,490	(544,080)	(297,870)	-45.25%	(698,620)	(756,030)
Beginning Fund Balance	3,345,950	3,912,121	3,733,546	3,733,546	3,754,036	0.55%	3,456,166	2,757,546
Ending Fund Balance	\$ 3,912,121	\$ 3,733,546	\$ 3,754,036	\$ 3,189,466	\$ 3,456,166	8.36%	\$ 2,757,546	\$ 2,001,516

All Funds Financial Summaries

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Local Streets Fund								
Revenues and Other Sources	\$ 2,129,992	\$ 2,322,553	\$ 3,131,790	\$ 3,138,200	\$ 3,301,920	5.22%	\$ 3,191,060	\$ 3,191,060
Expenditures - Public Works	2,561,201	2,281,295	3,028,550	3,577,710	4,193,100	17.20%	3,690,660	3,749,160
Net Surplus/(Shortfall)	(431,209)	41,258	103,240	(439,510)	(891,180)	102.77%	(499,600)	(558,100)
Beginning Fund Balance	3,192,451	2,761,242	2,802,499	2,802,499	2,905,739	3.68%	2,014,559	1,514,959
Ending Fund Balance	\$ 2,761,242	\$ 2,802,499	\$ 2,905,739	\$ 2,362,989	\$ 2,014,559	-14.75%	\$ 1,514,959	\$ 956,859
Refuse Fund								
Revenues and Other Sources	\$ 4,773,298	\$ 4,773,468	\$ 4,925,500	\$ 4,932,360	\$ 5,121,420	3.83%	\$ 5,221,980	\$ 5,321,750
Expenditures - Sanitation	4,517,909	4,890,106	5,087,960	5,132,400	5,312,510	3.51%	5,433,810	5,575,100
Net Surplus/(Shortfall)	255,389	(116,638)	(162,460)	(200,040)	(191,090)	-4.47%	(211,830)	(253,350)
Beginning Fund Balance	730,570	985,959	869,321	869,321	706,861	-18.69%	515,771	303,941
Ending Fund Balance	\$ 985,959	\$ 869,321	\$ 706,861	\$ 669,281	\$ 515,771	-22.94%	\$ 303,941	\$ 50,591
Transit Center								
Revenues and Other Sources	\$ 58,704	\$ 68,456	\$ 75,040	\$ 82,550	\$ 90,510	9.64%	\$ 91,850	\$ 93,180
Expenditures - Community Development	59,544	80,576	75,040	82,550	90,510	9.64%	91,850	93,180
Net Surplus/(Shortfall)	(840)	(12,120)	-	-	-	0.00%	-	-
Beginning Fund Balance	24,497	23,657	11,537	11,537	11,537	0.00%	11,537	11,537
Ending Fund Balance	\$ 23,657	\$ 11,537	\$ 11,537	\$ 11,537	\$ 11,537	0.00%	\$ 11,537	\$ 11,537

All Funds Financial Summaries

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Budget Stabilization Fund								
Revenues and Other Sources	\$ 24,324	\$ 194	\$ 3,000	\$ 12,000	\$ 3,000	-75.00%	\$ 3,000	\$ 3,000
Expenditures - General Government	-	-	-	-	-	0.00%	-	-
Net Surplus/(Shortfall)	24,324	194	3,000	12,000	3,000	-75.00%	3,000	3,000
Beginning Fund Balance	1,538,879	1,563,203	1,563,397	1,563,397	1,566,397	0.19%	1,569,397	1,572,397
Ending Fund Balance	\$ 1,563,203	\$ 1,563,397	\$ 1,566,397	\$ 1,575,397	\$ 1,569,397	-0.38%	\$ 1,572,397	\$ 1,575,397
Drug Forfeiture Fund								
Revenues and Other Sources	\$ 103,415	\$ 325,450	\$ 288,000	\$ 179,000	\$ 133,000	-25.70%	\$ 133,000	\$ 133,000
Expenditures - Public Safety	48,311	57,795	638,590	431,090	315,000	-26.93%	142,000	175,000
Net Surplus/(Shortfall)	55,104	267,656	(350,590)	(252,090)	(182,000)	-27.80%	(9,000)	(42,000)
Beginning Fund Balance	683,465	738,569	1,006,225	1,006,225	655,635	-34.84%	473,635	464,635
Ending Fund Balance	\$ 738,569	\$ 1,006,225	\$ 655,635	\$ 754,135	\$ 473,635	-37.19%	\$ 464,635	\$ 422,635
Library Fund								
Revenues and Other Sources	\$ 3,487,221	\$ 3,466,434	\$ 3,519,740	\$ 3,561,350	\$ 3,590,950	0.83%	\$ 3,643,440	\$ 3,702,430
Expenditures - Recreation and Culture	3,478,880	3,672,773	3,713,920	3,862,165	4,218,330	9.22%	3,989,180	3,771,980
Net Surplus/(Shortfall)	8,341	(206,339)	(194,180)	(300,815)	(627,380)	108.56%	(345,740)	(69,550)
Beginning Fund Balance	1,457,815	1,466,156	1,259,817	1,259,817	1,065,637	-15.41%	438,257	92,517
Ending Fund Balance	\$ 1,466,156	\$ 1,259,817	\$ 1,065,637	\$ 959,002	\$ 438,257	-54.30%	\$ 92,517	\$ 22,967

All Funds Financial Summaries

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Community Development Block Grant								
Revenues and Other Sources	\$ 239,282	\$ 75,376	\$ 43,000	\$ 193,000	\$ 390,000	102.07%	\$ 45,000	\$ 45,000
Expenditures - Community Development	239,282	75,376	43,000	193,000	390,000	102.07%	45,000	45,000
Net Surplus/(Shortfall)	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
Ending Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -
Cemetery Fund								
Revenues and Other Sources	\$ 6,254	\$ 5,952	\$ 4,200	\$ 2,000	\$ 4,200	110.00%	\$ 4,200	\$ 4,200
Expenditures - Community Development	-	-	3,100	2,000	3,100	55.00%	3,100	3,100
Net Surplus/(Shortfall)	6,254	5,952	1,100	-	1,100	100.00%	1,100	1,100
Beginning Fund Balance	209,668	215,922	221,874	221,874	222,974	0.50%	224,074	225,174
Ending Fund Balance	\$ 215,922	\$ 221,874	\$ 222,974	\$ 221,874	\$ 224,074	0.99%	\$ 225,174	\$ 226,274
Debt Service Funds								
General Debt Service Fund								
Revenues and Other Sources	\$ 3,127,793	\$ 2,680,118	\$ 2,797,600	\$ 2,807,040	\$ 2,902,990	3.42%	\$ 2,959,140	\$ 1,917,858
Expenditures - Debt Service	3,104,061	3,039,388	2,867,250	2,872,750	2,941,980	2.41%	2,861,200	2,880,260
Net Surplus/(Shortfall)	23,732	(359,270)	(69,650)	(65,710)	(38,990)	-40.66%	97,940	(962,402)
Beginning Fund Balance	1,308,640	1,332,372	973,102	973,102	903,452	-7.16%	864,462	962,402
Ending Fund Balance	\$ 1,332,372	\$ 973,102	\$ 903,452	\$ 907,392	\$ 864,462	-4.73%	\$ 962,402	\$ 0

**All Funds
Financial Summaries**

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Proposal A Bond Debt Fund								
Revenues and Other Sources	\$ 914,563	\$ 903,100	\$ 890,350	\$ 890,350	\$ 921,180	3.46%	\$ 897,800	\$ 959,610
Expenditures - Debt Service	914,563	903,100	890,350	890,350	921,180	3.46%	897,800	959,610
Net Surplus/(Shortfall)	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
Ending Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -
Proposal B Bond Debt Fund								
Revenues and Other Sources	\$ 1,391,250	\$ 1,355,550	\$ 1,216,600	\$ 1,216,600	\$ 1,266,800	4.13%	\$ 1,214,800	\$ 1,175,850
Expenditures - Debt Service	1,391,250	1,355,550	1,216,600	1,216,600	1,266,800	4.13%	1,214,800	1,175,850
Net Surplus/(Shortfall)	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
Ending Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -
Proposal C Bond Debt Fund								
Revenues and Other Sources	\$ 722,600	\$ 717,075	\$ 696,300	\$ 696,300	\$ 689,000	-1.05%	\$ 682,600	\$ 678,300
Expenditures - Debt Service	722,600	717,075	696,300	696,300	689,000	-1.05%	682,600	678,300
Net Surplus/(Shortfall)	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
Ending Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -

All Funds Financial Summaries

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Series 2013-DDA								
Revenues and Other Sources	\$ 951,013	\$ 941,788	\$ 931,500	\$ 931,500	\$ 923,700	-0.84%	\$ 914,600	\$ 1,013,700
Expenditures - Debt Service	951,013	941,788	931,500	931,500	923,700	-0.84%	914,600	1,013,700
Net Surplus/(Shortfall)	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
Ending Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -
Capital Project Funds								
Capital Project Fund								
Revenues and Other Sources	\$ 22,438,826	\$ 17,916,495	\$ 15,813,520	\$ 18,034,765	\$ 17,159,200	-4.85%	\$ 13,930,940	\$ 11,813,700
Expenditures - Capital Outlay	25,279,531	19,194,780	18,246,470	21,484,350	17,596,430	-18.10%	14,367,410	10,794,750
Net Surplus/(Shortfall)	(2,840,704)	(1,278,285)	(2,432,950)	(3,449,585)	(437,230)	-87.33%	(436,470)	1,018,950
Beginning Fund Balance	13,832,549	10,991,845	9,713,559	9,713,559	7,280,609	-25.05%	6,843,379	6,406,909
Ending Fund Balance	\$ 10,991,845	\$ 9,713,559	\$ 7,280,609	\$ 6,263,974	\$ 6,843,379	9.25%	\$ 6,406,909	\$ 7,425,859
Special Assessments Fund								
Revenues and Other Sources	\$ 42,186	\$ 44,315	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -
Expenditures - Capital Outlay	42,186	44,315	-	-	-	0.00%	-	-
Net Surplus/(Shortfall)	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
Ending Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -

All Funds Financial Summaries

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Enterprise Funds								
Sanctuary Lake Golf Course Fund								
Operating Revenues	\$ 1,803,788	\$ 1,736,038	\$ 1,623,040	\$ 1,602,440	\$ 1,635,910	2.09%	\$ 1,681,370	\$ 1,729,670
Operating Expenses	1,291,401	1,320,387	1,352,030	1,388,330	1,355,750	-2.35%	1,394,950	1,417,660
Income Before Cap/Dep	512,388	415,652	271,010	214,110	280,160	30.85%	286,420	312,010
Capital/Depreciation Expense	319,708	323,836	65,000	145,000	100,000	-31.03%	55,000	80,000
Income from Operations	192,680	91,816	206,010	69,110	180,160	160.69%	231,420	232,010
Other Financing Uses	(279,881)	(269,898)	(831,300)	(831,300)	(909,600)	9.42%	(885,200)	(856,050)
Net Income/(Loss)	(87,201)	(178,083)	(625,290)	(762,190)	(729,440)	-4.30%	(653,780)	(624,040)
Beginning Net Position	(6,092,807)	(6,180,008)	(6,358,091)	(6,358,091)	(6,983,381)	9.83%	(7,712,821)	(8,366,601)
Ending Net Position	\$ (6,180,008)	\$ (6,358,091)	\$ (6,983,381)	\$ (7,120,281)	\$ (7,712,821)	8.32%	\$ (8,366,601)	\$ (8,990,641)
Sylvan Glen Golf Course Fund								
Operating Revenues	\$ 1,291,212	\$ 1,363,114	\$ 1,215,610	\$ 1,216,610	\$ 1,265,510	4.02%	\$ 1,310,360	\$ 1,344,190
Operating Expenses	1,017,601	1,004,188	993,780	1,049,020	1,035,630	-1.28%	1,071,620	1,091,670
Income Before Cap/Dep	273,612	358,926	221,830	167,590	229,880	37.17%	238,740	252,520
Capital/Depreciation Expense	122,490	108,745	1,011,450	1,124,450	35,000	-96.89%	105,000	145,000
Income from Operations	151,121	250,181	(789,620)	(956,860)	194,880	-120.37%	133,740	107,520
Other Financing Uses	8,529	(1,537)	(430)	(430)	-	-100.00%	(5,000)	(5,000)
Net Income/(Loss)	159,650	248,644	(790,050)	(957,290)	194,880	-120.36%	128,740	102,520
Beginning Net Position	5,565,969	5,725,619	5,974,263	5,974,263	5,184,213	-13.22%	5,379,093	5,507,833
Ending Net Position	\$ 5,725,619	\$ 5,974,263	\$ 5,184,213	\$ 5,016,973	\$ 5,379,093	7.22%	\$ 5,507,833	\$ 5,610,353

All Funds Financial Summaries

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Aquatic Center								
Operating Revenues	\$ 724,453	\$ 591,387	\$ 623,500	\$ 704,800	\$ 628,600	-10.81%	\$ 638,600	\$ 643,600
Operating Expenses	526,752	532,896	506,210	553,440	557,050	0.65%	569,230	581,540
Income Before Cap/Dep	197,701	58,491	117,290	151,360	71,550	-52.73%	69,370	62,060
Capital/Depreciation Expense	172,112	188,125	30,000	60,000	65,000	8.33%	130,000	100,000
Income from Operations	25,588	(129,634)	87,290	91,360	6,550	-92.83%	(60,630)	(37,940)
Other Financing Uses	-	-	-	-	-	0.00%	-	-
Net Income/(Loss)	25,588	(129,634)	87,290	91,360	6,550	-92.83%	(60,630)	(37,940)
Beginning Net Position	1,072,345	1,097,933	968,300	968,300	1,055,590	9.01%	1,062,140	1,001,510
Ending Net Position	\$ 1,097,933	\$ 968,300	\$ 1,055,590	\$ 1,059,660	\$ 1,062,140	0.23%	\$ 1,001,510	\$ 963,570
Sewer Fund								
Operating Revenues	\$ 13,383,339	\$ 14,912,783	\$ 13,359,120	\$ 13,565,220	\$ 13,785,180	1.62%	\$ 14,222,720	\$ 14,857,220
Operating Expenses	11,437,576	11,257,229	12,881,470	13,379,520	13,804,520	3.18%	14,185,930	14,574,650
Income Before Cap/Dep	1,945,763	3,655,554	477,650	185,700	(19,340)	-110.41%	36,790	282,570
Capital/Depreciation Expense	1,158,185	1,168,714	1,745,000	2,570,000	2,485,000	-3.31%	1,750,000	3,500,000
Income from Operations	787,578	2,486,840	(1,267,350)	(2,384,300)	(2,504,340)	5.03%	(1,713,210)	(3,217,430)
Other Financing Uses	-	-	-	-	-	0.00%	-	-
Net Income/(Loss)	787,578	2,486,840	(1,267,350)	(2,384,300)	(2,504,340)	5.03%	(1,713,210)	(3,217,430)
Beginning Net Position	64,461,901	65,249,479	67,736,319	67,736,319	66,468,969	-1.87%	63,964,629	62,251,419
Ending Net Position	\$ 65,249,479	\$ 67,736,319	\$ 66,468,969	\$ 65,352,019	\$ 63,964,629	-2.12%	\$ 62,251,419	\$ 59,033,989

**All Funds
Financial Summaries**

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Water Fund								
Operating Revenues	\$ 18,333,700	\$ 22,012,039	\$ 20,235,660	\$ 19,739,230	\$ 19,920,100	0.92%	\$ 19,920,100	\$ 20,719,100
Operating Expenses	16,209,268	16,686,527	17,295,070	18,035,050	17,957,400	-0.43%	18,590,230	19,263,080
Income Before Cap/Dep	2,124,432	5,325,512	2,940,590	1,704,180	1,962,700	15.17%	1,329,870	1,456,020
Capital/Depreciation Expense	2,324,039	2,349,934	1,558,100	2,110,600	2,775,000	31.48%	2,100,000	2,075,000
Income from Operations	(199,607)	2,975,578	1,382,490	(406,420)	(812,300)	99.87%	(770,130)	(618,980)
Other Financing Uses	-	-	-	-	-	0.00%	-	-
Net Income/(Loss)	(199,607)	2,975,578	1,382,490	(406,420)	(812,300)	99.87%	(770,130)	(618,980)
Beginning Net Position	97,417,020	97,217,413	100,192,991	100,192,991	101,575,481	1.38%	100,763,181	99,993,051
Ending Net Position	\$ 97,217,413	\$ 100,192,991	\$ 101,575,481	\$ 99,786,571	\$ 100,763,181	0.98%	\$ 99,993,051	\$ 99,374,071

All Funds Financial Summaries

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Internal Service Funds								
Building Operations Fund								
Operating Revenues	\$ 936,677	\$ 1,012,011	\$ 1,018,630	\$ 1,133,150	\$ 1,332,700	17.61%	\$ 1,346,200	\$ 1,364,400
Operating Expenses	936,677	1,012,011	1,018,630	1,258,350	1,332,700	5.91%	1,346,200	1,364,400
Income Before Cap/Dep	-	-	-	(125,200)	-	-100.00%	-	-
Capital/Depreciation Expense	-	-	-	-	-	0.00%	-	-
Income from Operations	-	-	-	(125,200)	-	-100.00%	-	-
Other Financing Uses	-	-	-	-	-	0.00%	-	-
Net Income/(Loss)	-	-	-	(125,200)	-	-100.00%	-	-
Beginning Net Position	600,000	600,000	600,000	600,000	600,000	0.00%	600,000	600,000
Ending Net Position	\$ 600,000	\$ 600,000	\$ 600,000	\$ 474,800	\$ 600,000	26.37%	\$ 600,000	\$ 600,000
Fleet Maintenance Fund								
Operating Revenues	\$ 3,931,289	\$ 3,980,446	\$ 4,118,920	\$ 4,394,473	\$ 4,673,450	6.35%	\$ 4,766,480	\$ 4,860,510
Operating Expenses	2,769,330	2,731,967	3,223,430	3,511,387	3,669,270	4.50%	3,780,170	4,004,800
Income Before Cap/Dep	1,161,958	1,248,479	895,490	883,086	1,004,180	13.71%	986,310	855,710
Capital/Depreciation Expense	626,741	771,928	1,295,500	1,449,000	1,652,000	14.01%	1,665,000	1,550,000
Income from Operations	535,218	476,551	(400,010)	(565,914)	(647,820)	14.47%	(678,690)	(694,290)
Other Financing Uses	-	-	-	-	-	0.00%	-	-
Net Income/(Loss)	535,218	476,551	(400,010)	(565,914)	(647,820)	14.47%	(678,690)	(694,290)
Beginning Net Position	9,772,954	10,308,172	10,784,723	10,784,723	10,384,713	-3.71%	9,736,893	9,058,203
Ending Net Position	\$ 10,308,172	\$ 10,784,723	\$ 10,384,713	\$ 10,218,809	\$ 9,736,893	-4.72%	\$ 9,058,203	\$ 8,363,913

All Funds Financial Summaries

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Information Technology Fund								
Operating Revenues	\$ 1,853,477	\$ 1,963,491	\$ 2,057,120	\$ 2,059,120	\$ 2,111,610	2.55%	\$ 2,153,810	\$ 2,196,840
Operating Expenses	1,744,853	1,687,392	1,977,070	2,030,400	2,122,260	4.52%	2,165,570	2,056,660
Income Before Cap/Dep	108,624	276,099	80,050	28,720	(10,650)	-137.08%	(11,760)	140,180
Capital/Depreciation Expense	157,804	133,762	120,000	120,000	125,000	4.17%	100,000	20,000
Income from Operations	(49,181)	142,337	(39,950)	(91,280)	(135,650)	48.61%	(111,760)	120,180
Other Financing Uses	-	-	-	-	-	0.00%	-	-
Net Income/(Loss)	(49,181)	142,337	(39,950)	(91,280)	(135,650)	48.61%	(111,760)	120,180
Beginning Net Position	1,263,601	1,214,420	1,356,758	1,356,758	1,316,808	-2.94%	1,181,158	1,069,398
Ending Net Position	\$ 1,214,420	\$ 1,356,758	\$ 1,316,808	\$ 1,265,478	\$ 1,181,158	-6.66%	\$ 1,069,398	\$ 1,189,578
Unemployment Fund								
Operating Revenues	\$ 2,712	\$ 3,763	\$ 3,900	\$ 3,200	\$ 3,900	21.88%	\$ 3,900	\$ 3,900
Operating Expenses	2,712	3,763	3,900	3,200	3,900	21.88%	3,900	3,900
Income Before Cap/Dep	0	(0)	-	-	-	0.00%	-	-
Capital/Depreciation Expense	-	-	-	-	-	0.00%	-	-
Income from Operations	0	(0)	-	-	-	0.00%	-	-
Other Financing Uses	-	-	-	-	-	0.00%	-	-
Net Income/(Loss)	0	(0)	-	-	-	0.00%	-	-
Beginning Net Position	40,000	40,000	40,000	40,000	40,000	0.00%	40,000	40,000
Ending Net Position	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	0.00%	\$ 40,000	\$ 40,000

All Funds Financial Summaries

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Worker's Compensation Fund								
Operating Revenues	\$ 330,477	\$ 481,604	\$ 395,380	\$ 522,330	\$ 389,320	-25.46%	\$ 397,090	\$ 405,010
Operating Expenses	330,477	481,604	395,380	522,330	389,320	-25.46%	397,090	405,010
Income Before Cap/Dep	-	(0)	-	-	-	0.00%	-	-
Capital/Depreciation Expense	-	-	-	-	-	0.00%	-	-
Income from Operations	-	(0)	-	-	-	0.00%	-	-
Other Financing Uses	-	-	-	-	-	0.00%	-	-
Net Income/(Loss)	-	(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
Ending Net Position	<u>\$ 2,000,000</u>	<u>\$ 2,000,000</u>	<u>\$ 2,000,000</u>	<u>\$ 2,000,000</u>	<u>\$ 2,000,000</u>	<u>0.00%</u>	<u>\$ 2,000,000</u>	<u>\$ 2,000,000</u>
Compensated Absences Fund								
Operating Revenues	\$ 4,158,182	\$ 4,300,145	\$ 4,572,760	\$ 4,346,960	\$ 4,839,750	11.34%	\$ 4,984,950	\$ 5,134,480
Operating Expenses	4,158,182	4,212,839	4,572,760	4,346,960	4,839,750	11.34%	4,984,950	5,134,480
Income Before Cap/Dep	-	87,306	-	-	-	0.00%	-	-
Capital/Depreciation Expense	-	-	-	-	-	0.00%	-	-
Income from Operations	-	87,306	-	-	-	0.00%	-	-
Other Financing Uses	-	-	-	-	-	0.00%	-	-
Net Income/(Loss)	-	87,306	-	-	-	0.00%	-	-
Beginning Net Position	912,694	912,694	1,000,000	1,000,000	1,000,000	0.00%	1,000,000	1,000,000
Ending Net Position	<u>\$ 912,694</u>	<u>\$ 1,000,000</u>	<u>\$ 1,000,000</u>	<u>\$ 1,000,000</u>	<u>\$ 1,000,000</u>	<u>0.00%</u>	<u>\$ 1,000,000</u>	<u>\$ 1,000,000</u>

Personnel Summary

	Approved		Approved		Requested	
	2016/17		2017/18		2018/19	
	FT	PT	FT	PT	FT	PT
Accounting						
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		0.80
Total for Accounting	6.00	1.60	6.00	1.60	6.00	1.60
Aquatic Center						
Assistant Pool Manager-TFAC		1.80		0.00		0.00
Cashier-Aquatic Center		2.10		2.70		2.20
Concession Manager - Harvey Hut		0.00		0.10		0.00
Coordinator - Recreation TFAC		0.10		0.10		0.00
Instructor-Water Safety TFAC		1.00		1.20		1.00
Instructor-Water Safety-PrivTFAC		0.50		0.40		0.50
Lifeguard TFAC		7.30		6.90		6.20
Pool Manager-TFAC		0.70		1.70		1.60
Total for Aquatic Center	0.00	13.50	0.00	13.10	0.00	11.50
Assessing						
Account Clerk II	2.00		2.00		2.00	
Appraiser	3.00		3.00		3.00	
City Assessor	1.00		1.00		1.00	
Deputy City Assessor	1.00		1.00		1.00	
Total for Assessing	7.00	0.00	7.00	0.00	7.00	0.00
Building Inspection						
Building Official/Code Inspector	0.35		0.35		0.35	
Total for Building Inspection	0.35	0.00	0.35	0.00	0.35	0.00

Personnel Summary

	Approved		Approved		Requested	
	2016/17		2017/18		2018/19	
	FT	PT	FT	PT	FT	PT
Building Operations						
Building Maint Specialist I	4.00		4.00		3.00	
Building Maint Specialist II	1.00		1.00		1.00	
Building Maint Specialist PT		0.50		0.90		0.00
Building Maint Technician	1.00		1.00		4.00	
Building Operations Director	1.00		0.00		0.00	
Division Supervisor - Facilities	0.00		1.00		0.71	
Facilities & Grounds Manager	0.00		0.50		0.50	
Public Works Director	0.00		0.13		0.13	
Next Assistant	0.00	0.80	0.00	0.50	0.00	0.00
Secretary	1.00		1.00		1.00	
Total for Building Operations	8.00	1.30	8.63	1.40	10.34	0.00
City Attorney						
Assistant City Attorney	3.00		3.00		3.00	
City Attorney	1.00		1.00		1.00	
Next Assistant		0.30		0.00		0.30
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	
Total for City Attorney	7.00	0.30	7.00	0.00	7.00	0.30
City Clerk						
Administrative Aide	1.00		0.00		0.00	
City Clerk	1.00		1.00		1.00	
Customer Service Coordinator	0.00		0.00		1.00	
Deputy City Clerk	0.00		1.00		1.00	
Building Maint Specialist (Elections)					0.29	
Election Aide		1.20		0.00		1.20
Next Assistant		0.20		0.30		0.30
Office Assistant I	2.00		2.00		2.00	
Office Assistant PT		0.80		0.90		0.90
Total for City Clerk	4.00	2.20	4.00	1.20	5.29	2.40

Personnel Summary

	Approved		Approved		Requested	
	2016/17		2017/18		2018/19	
	FT	PT	FT	PT	FT	PT
Engineering						
Administrative Assistant	0.00		0.00		1.00	
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	3.00		3.00		3.00	
MSE-H Engineering Specialist III	1.00		1.00		1.00	
Secretary II	1.00		1.00		0.00	
Sr Right of Way Representative	1.00		1.00		1.00	
Total for Engineering	12.20	0.00	12.20	0.00	12.20	0.00
Fire						
Administrative Aide PT		0.50		0.50		0.50
Assistant Chief	1.00		1.00		1.00	
Fire Chief	1.00		1.00		1.00	
Fire Staff Assistant		1.70		1.80		1.80
Fire Staff Lieutenant	4.00		4.00		4.00	
Fire Staff Technician	5.00		5.00		5.00	
Secretary	1.00		1.00		1.00	
Total for Fire	12.00	2.20	12.00	2.30	12.00	2.30
Historic Village - Contracted with Non-Profit Entity 2011/12						
MSE-C Equipment Operator I	0.31	0.00	0.31	0.10	0.31	0.10
Total for Historic Village	0.31	0.00	0.31	0.10	0.31	0.10
Golf Course - Contracted with Billy Casper Golf 2011/12						
Total for Golf Course	0.00	0.00	0.00	0.00	0.00	0.00

Personnel Summary

	Approved		Approved		Requested	
	2016/17		2017/18		2018/19	
	FT	PT	FT	PT	FT	PT
Human Resources						
Human Resources Specialist			2.00		2.00	
Human Resource Coordinator	2.00		0.00		0.00	
Human Resources Director	1.00		1.00		1.00	
Next Assistant		0.60		0.60		0.50
Office Leader	1.00		1.00		0.00	
Office Manager	0.00		0.00		1.00	
Total for Human Resources	4.00	0.60	4.00	0.60	4.00	0.50
Information Technology						
Application Specialist	2.00		2.00		2.00	
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	
Total for Information Technology	9.70	0.00	9.70	0.00	9.70	0.00
Library						
Administrative Aide	1.00		1.00		1.00	
Administrative Aide PT		0.30		0.50		0.40
Assistant Library Director	1.00		1.00		1.00	
Circulation Supervisor	1.00		1.00		1.00	
Next Assistant		0.50		1.30		0.80
Librarian I	2.00		2.00		2.00	
Librarian II	2.00		2.00		2.00	
Librarian PT		7.70		8.50		8.20

Personnel Summary

	Approved		Approved		Requested	
	2016/17		2017/18		2018/19	
	FT	PT	FT	PT	FT	PT
Library Continued						
Librarian-Substitute		1.00		0.20		1.00
Library Aide PT		6.70		6.50		6.30
Library Aide-Substitute		0.10		1.00		0.50
Library Assistant		6.70		6.50		7.70
Library Assistant-Substitute		0.70		0.50		1.20
Library Director	1.00		1.00		1.00	
Library Page		4.90		5.30		3.80
Library Page-Substitute		0.20		0.10		0.20
Library System Specialist		0.50		0.50		0.50
Marketing Associate PT		0.00		0.00		0.50
Marketing & Development Coor	0.50		0.50		0.50	
Technical Services Supervisor		1.00	1.00	0.00	1.00	0.00
Technology Specialist	1.00		1.00		1.00	
Total for Library	9.50	30.30	10.50	30.90	10.50	31.10
Manager						
Assistant to City Manager	1.00		1.00		1.00	
Cable Production Specialist		0.40		0.30		0.30
City Manager	1.00		1.00		1.00	
Community Affairs Director	1.00		1.00		1.00	
Customer Service Coordinator	1.00		1.00		0.00	
Economic & Comm Dev. Director	1.00		1.00		1.00	
Economic Development Specialist	1.00		1.00		1.00	
Financial Services Director	1.00		1.00		1.00	
Next Assistant		0.60		1.70		1.10
Management Analyst	1.00		1.00		1.00	
Marketing Coordinator	1.00		1.00		1.00	
Office Manager	1.00		1.00		1.00	
Total for Manager	10.00	1.00	10.00	2.00	9.00	1.40

Personnel Summary

	Approved		Approved		Requested	
	2016/17		2017/18		2018/19	
	FT	PT	FT	PT	FT	PT
Fleet Maintenance						
Field Supervisor	2.00		2.00		2.00	
Fleet Operations Manager			1.00		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		0.90		1.00
Public Works Director	0.33		0.13		0.13	
Superintendent of Fleet Maint.	1.00		0.00		0.00	
Total for Fleet Maintenance	17.33	1.00	17.13	0.90	17.13	1.00
Nature Center - Contracted with Non-Profit Entity 2011/12						
Coordinator-Nature Center	0.00		0.00		0.00	
Total for Nature Center	0.00	0.00	0.00	0.00	0.00	0.00
Parks						
Division Supervisor	0.00		0.00		0.98	
Facilities and Grounds Manager	0.00		0.50		0.50	
Field Supervisor	0.98		0.98		0.00	
Next Assistant		0.00		0.50		0.60
MSE-C Equipment Operator I	1.95		1.95		1.95	
MSE-F Park Maint.Trade Spec. I	0.88		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		0.00		0.00
Public Works Director	0.00		0.13		0.13	
Public Works Manager	0.33		0.00		0.00	
Seasonal Supervisor		1.10		1.10		1.40
Summer Laborer - Parks		8.10		8.00		8.40
Total for Parks	6.02	9.30	6.32	9.60	6.32	10.40

Personnel Summary

	Approved		Approved		Requested	
	2016/17		2017/18		2018/19	
	FT	PT	FT	PT	FT	PT
Planning						
Administrative Assistant	0.00		0.00		1.00	
Building Official/Code Inspector	0.65		0.65		0.65	
Housing & Zoning Inspector	0.00		0.00		1.00	
Housing & Zoning Inspector PT		0.90		1.30		0.00
Housing & Zoning Inspector Temp		0.80		0.90		0.80
Next Assistant		0.00		0.20		0.00
Ordinance Enforcement Officer		0.00		0.00		0.10
Planning Director	1.00		1.00		1.00	
Secretary II	1.00		1.00		0.00	
Zoning & Compliance Specialist	1.00		1.00		1.00	
Total for Planning	3.65	1.70	3.65	2.40	4.65	0.90
Police Department						
911 Operator		0.50		0.50		0.50
Administrative Assistant	0.00		0.00		4.00	
Background Investigator		1.30		0.80		0.80
Communications Supervisor	8.00		8.00		8.00	
Communications Support Spec.		0.50		0.00		0.00
Crime Data Analyst	1.00		1.00		1.00	
Crossing Guard		1.40		1.40		1.40
Emergency Manager Specialist	1.00		1.00		1.00	
Investigative Assistant		0.90		1.30		1.20
Office Assistant PT		0.50		0.30		0.40
Office Coordinator	1.00		1.00		0.00	
Office Manager	0.00		0.00		1.00	
Police Analyst/Planner	1.00		1.00		1.00	
Police Analyst/Programmer	1.00		1.00		0.00	
Next Assistant		1.00		0.60		0.60
Police Captain	2.00		2.00		3.00	
Police Chief	1.00		1.00		1.00	
Police Computer Technician		0.50		0.50		0.50
Police Desk Attendant		2.40		2.60		2.60

Personnel Summary

	Approved		Approved		Requested	
	2016/17		2017/18		2018/19	
	FT	PT	FT	PT	FT	PT
Police Department-Continued						
Information Tech Manager			1.00		1.00	
Police Lieutenant	5.00		5.00		5.00	
Police Officer	79.00		85.00		88.00	
Police Records Supervisor	1.00		1.00		1.00	
Police Sergeant	15.00		15.00		16.00	
Police Service Aide	27.00		26.00		26.00	
Records Clerk	4.00		4.00		4.00	
Research & Tech Administrator	1.00		0.00		0.00	
Secretary II	4.00		4.00		0.00	
Student Enforcement Aide		0.10		0.10		0.10
Technical Support Specialist			1.00		1.00	
Total for Police Department	152.00	9.10	158.00	8.10	162.00	8.10
Purchasing						
Administrative Aide PT				0.80		0.80
Associate Buyer	0.00		0.00		1.00	
Buyer	1.00		1.00		1.00	
Next Assistant		0.70		0.80		0.80
Purchasing Manager	1.00		1.00		1.00	
Total for Purchasing	2.00	0.70	2.00	1.60	3.00	1.60
Recreation						
Account Clerk II	1.00		1.00		1.00	
Aide-Adaptive Program		0.80		0.80		0.70
Assistant Pool Manager-CC		2.20		0.80		0.00
Assistant Recreation Director	1.00		1.00		1.00	
Attendant-Community Center		3.30		3.50		4.30
Babysitter		1.40		0.50		1.50
Coordinator-Adaptive Program		0.40		0.40		0.50
Coordinator-Basketball Adult		0.10		0.00		0.10
Coordinator-Day Camp		0.30		1.00		0.40
Coordinator-Preschool		0.60		0.60		0.70
Coordinator-Recreation		5.90		12.60		9.40
Coordinator-Recreation Day Porter		0.00		0.00		0.60

Personnel Summary

	Approved		Approved		Requested	
	2016/17		2017/18		2018/19	
	FT	PT	FT	PT	FT	PT
Recreation - Continued						
Coordinator-Safety Town		0.10		0.10		0.10
Coordinator-Senior Program		0.20		0.20		0.20
Coordinator-Soccer-Adult		0.10		0.10		0.00
Coordinator-Softball-Adult		0.10		0.10		0.10
Coordinator-Softball-Youth		0.10		0.10		0.00
Day Camp Leader		1.10		1.20		1.20
Fitness/Wellness Specialist-CC		0.40		0.40		0.30
Fitness/Wellness Specialist-REC		0.10		0.00		0.00
Fitness/Wellness Specialist-SEN		0.10		0.10		0.10
Instructor-Dance-Senior		0.10		0.10		0.00
Instructor-Preschool		2.70		2.90		2.60
Instructor-Safety Town		0.20		0.30		0.30
Instructor-Sports-Youth		0.10		0.10		0.10
Instructor-Water Safety CC		2.30		1.60		1.60
Instructor-Water Safety-Priv CC		0.70		0.80		0.60
Marketing Assistant		0.00		0.00		0.10
Next Assistant		0.00		0.40		0.00
Lifeguard CC		7.60		6.20		7.30
Marketing Coordinator (Lib/Rec)	0.50		0.50		0.50	
Office Leader	1.00		1.00		0.00	
Office Manager	0.00		0.00		1.00	
Official-Basketball-Youth		0.30		0.50		0.40
Pool Manager-CC		0.70		1.70		3.00
Recreation Aide		7.00		6.80		6.90
Recreation Aide-Preschool		0.30		0.80		1.30
Recreation Aide-REC		0.50		0.00		0.00
Recreation Director	1.00		1.00		1.00	
Recreation Supervisor	2.00		2.00		2.00	
Recreation Supervisor - Seniors			1.00		1.00	
Recreation Supervisor-PT-REC		0.30		0.60		0.60

Personnel Summary

	Approved		Approved		Requested	
	2016/17		2017/18		2018/19	
	FT	PT	FT	PT	FT	PT
Recreation - Continued						
Recreation Supervisor-PT-SEN		1.10		1.60		1.00
Scorekeeper		0.10		0.30		0.80
Umpire		0.10		0.10		0.10
Total for Recreation	6.50	41.40	7.50	47.30	7.50	46.90
Refuse and Recycling						
Account Clerk I	0.05		0.05		0.05	
Ordinance Enforcement Officer		0.30		0.00		0.00
Public Works Director	0.05		0.13		0.13	
Refuse/Recycling/Office Coord	0.10		0.10		0.10	
Total for Refuse and Recycling	0.20	0.30	0.28	0.00	0.28	0.00
Streets						
Account Clerk I	0.47		0.47		0.47	
Division Supervisor	1.00		1.00		1.00	
Field Supervisor	1.00		1.00		1.00	
Next Assistant		1.40		1.20		1.40
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		0.00		0.70
Streets Continued						
Project Manager	1.00		1.00		1.00	
Public Works Director	0.28		0.25		0.25	
Public Works Manager	0.67		0.00		0.00	
Seasonal Supervisor		0.60		0.80		0.60
Streets & Drains Operations Mgr.			1.00		1.00	
Summer Laborer - Streets		2.50		3.10		5.20
Total for Streets	22.42	4.60	22.72	5.10	22.72	7.90
Transportation/Shuttle						
Shuttle Driver	0.00	0.00		3.20		3.70
Trolley Bus Driver	0.00	0.00		1.10		1.20
Total for Transportation/Shuttle	0.00	0.00	0.00	4.30	0.00	4.90

Personnel Summary

	Approved		Approved		Requested	
	2016/17		2017/18		2018/19	
	FT	PT	FT	PT	FT	PT
Treasurer						
Account Clerk II	3.00		3.00		3.00	
City Treasurer	1.00		1.00		1.00	
Total for Treasurer	4.00	0.00	4.00	0.00	4.00	0.00
Water & Sewer						
Account Clerk I	0.48		0.48		0.48	
Cross Connection Inspector	1.00		1.00		1.00	
Division Supervisor - Water	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		1.00	
MSE-C Equipment Operator I	11.00		11.00		11.00	
MSE-D Service Tech I-Water	7.00		6.00		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		2.00		2.00	
Office Assistant II			1.00		1.00	
Public Works Coordinator			0.90		0.90	
Public Works Director	0.34		0.23		0.23	
Refuse/Recycling/Office Coord	0.90		0.00		0.00	
Summer Laborer - Water		1.00		1.50		1.30
Water & Sewer Operations Mgr.	1.00		1.00		1.00	
Total for Water & Sewer	35.82	1.00	35.71	1.50	35.71	1.30
Grand Total	340.00	122.10	349.00	134.00	357.00	134.20

New positions for 2018/2019 include:

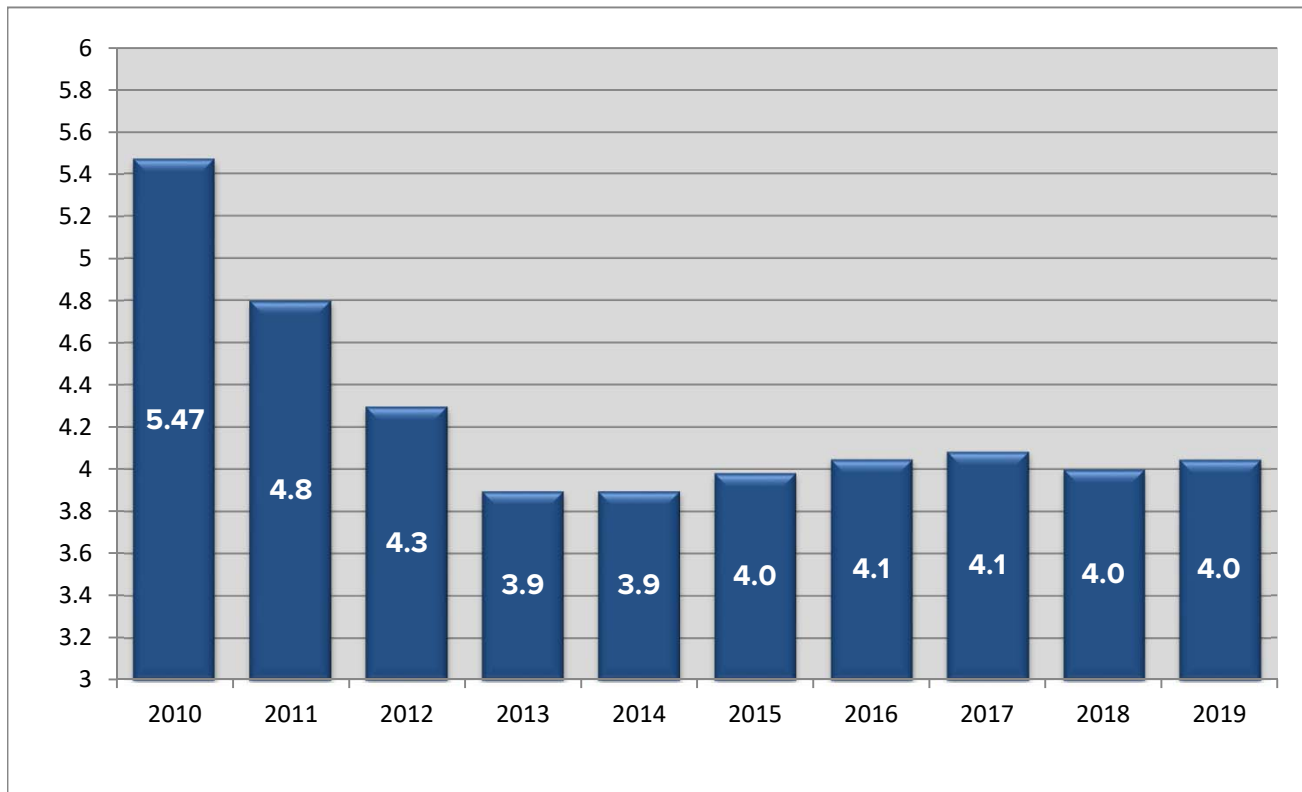
Police - Added 1 Temporary Police Captain, Directed Traffic Safety Unit (1 Sergeant and 3 Police Officers)
Less 1 Analyst/Programmer

Building Operations - Added 2 full-time Building Maintenance Technicians

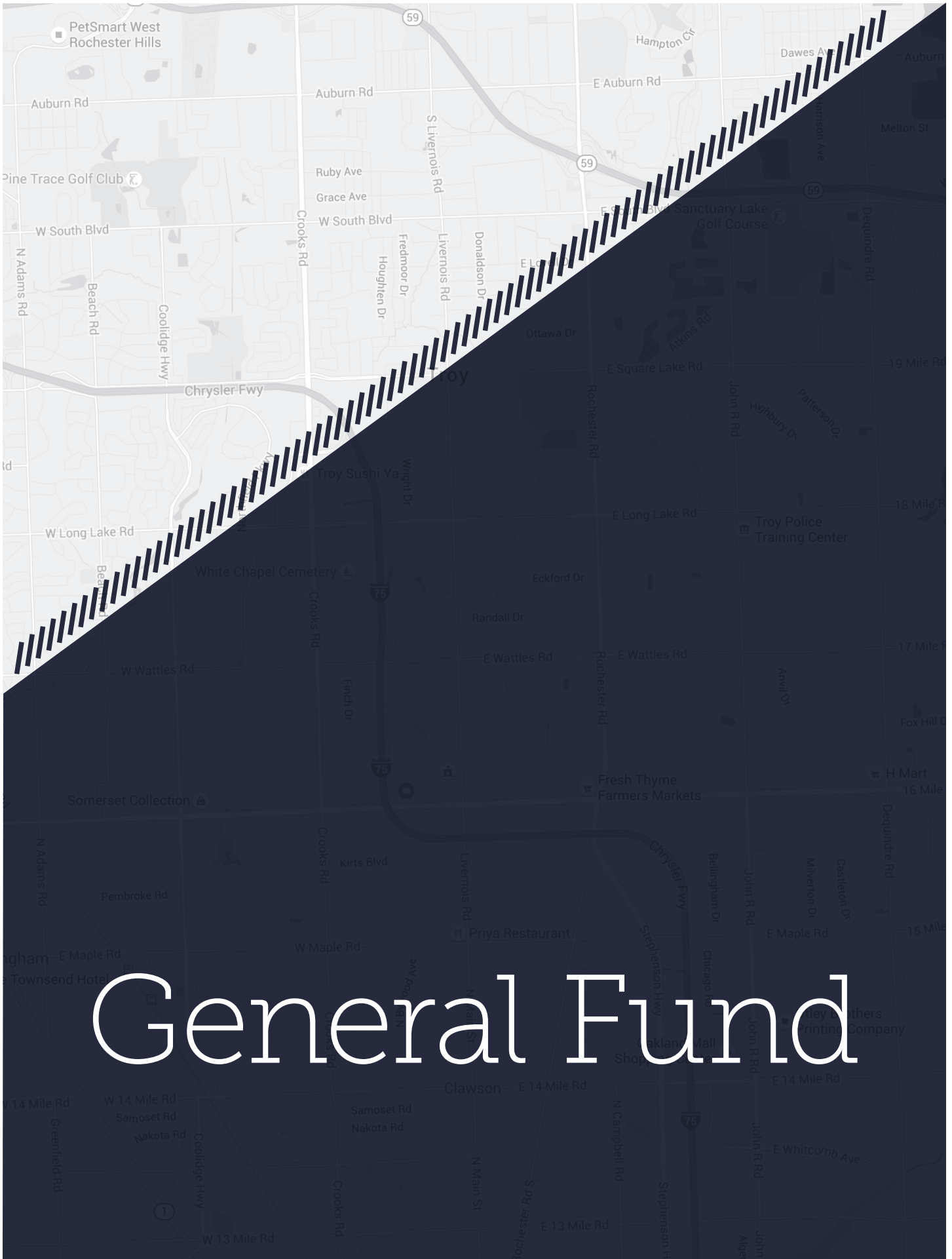
Planning - Added 1 full-time Housing and Zoning Inspector

Purchasing - Added 1 full-time Associate Buyer

Part-time positions - Significant increases include additional 2.2 FTE Summer Labor for Streets Dept.

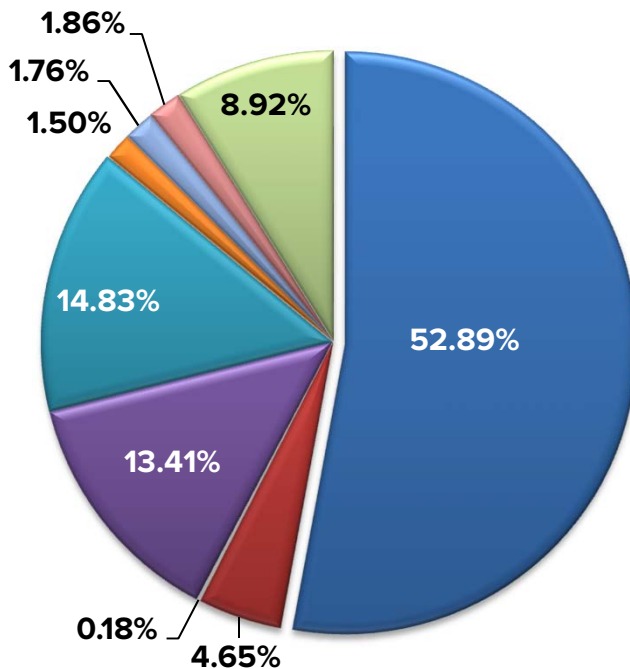
Personnel Summary**FULL-TIME EMPLOYEES PER 1,000 POPULATION**

2019 is based on the population estimate provided by the Southeast Michigan Council of Governments (SEMCOG) for July 2017 of 87,177. The 2011 population count reflects the 2010 official U.S. census number of 80,980.



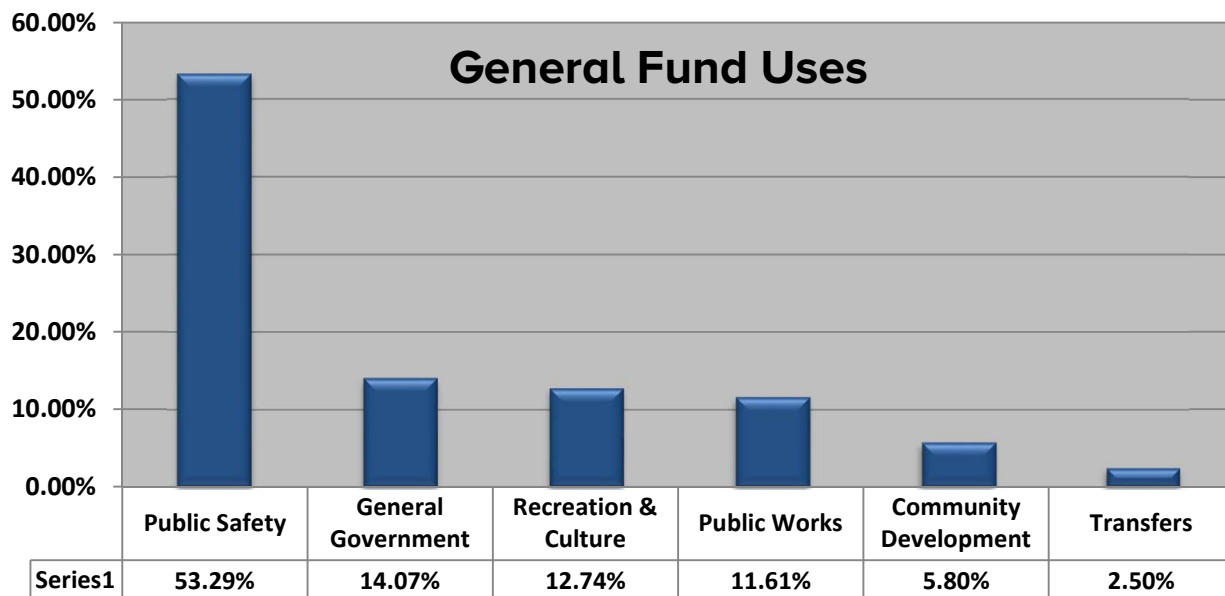
How the City Allocates General Fund Resources

General Fund Revenue Sources



Millions

Taxes	\$32.87
Licenses and Permits	\$2.888
Federal, State & Local Grants	\$0.114
State Shared Revenue	\$8.337
Charges for Services	\$9.218
Fines & Forfeitures	\$0.93
Interest & Rents	\$1.094
Other Revenues	\$1.157
Other Sources	\$5.542



General Fund
Revenues Expenditures and Fund Balance

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
<u>REVENUE</u>								
Taxes	\$ 30,486,065	\$ 30,959,317	\$ 31,692,830	\$ 31,648,750	\$ 32,879,130	3.89%	\$ 33,504,200	\$ 34,124,660
Licenses And Permits	2,519,343	2,755,578	3,004,810	2,626,250	2,888,880	10.00%	2,901,580	2,914,180
Federal Grants	29,449	22,637	15,000	18,000	4,500	-75.00%	4,500	4,500
State Grants	52,158	44,758	55,200	53,200	55,200	3.76%	55,200	55,200
State Shared Revenue	6,604,137	8,168,343	8,402,560	7,899,200	8,337,300	5.55%	8,337,300	8,337,300
Contributions - Local	94,378	63,942	57,100	61,650	54,600	-11.44%	55,100	55,600
Charges For Services	9,313,680	8,607,306	8,870,600	8,002,550	9,218,100	15.19%	9,490,300	9,519,200
Fines And Forfeitures	983,677	992,798	928,500	1,011,750	930,500	-8.03%	933,500	935,500
Interest & Rent	1,336,920	1,087,488	1,082,300	1,295,300	1,094,300	-15.52%	1,114,500	1,126,500
Other Revenue	1,084,288	1,066,169	1,146,650	1,120,650	1,157,900	3.32%	1,173,000	1,187,700
Total Revenue	52,504,094	53,768,335	55,255,550	53,737,300	56,620,410	5.37%	57,569,180	58,260,340
<u>OTHER FINANCING SOURCES</u>								
Operating Transfers in	3,854,374	3,800,058	4,571,880	5,198,280	5,542,600	6.62%	5,663,840	5,784,100
Total Revenue & Other Financing Sources	56,358,468	57,568,393	59,827,430	58,935,580	62,163,010	5.48%	63,233,020	64,044,440
<u>EXPENDITURES</u>								
General Government								
Council/Executive Administration	3,784,272	4,449,697	4,284,600	4,494,200	4,907,420	9.19%	4,861,990	5,000,650
Financial Services	2,446,970	2,465,879	2,503,250	2,784,260	3,012,960	8.21%	2,952,880	3,023,350
Other General Government	1,016,708	930,048	1,040,360	1,195,760	1,294,910	8.29%	1,320,460	1,354,330
Total General Government	7,247,951	7,845,624	7,828,210	8,474,220	9,215,290	8.74%	9,135,330	9,378,330
Public Safety								
Police	21,853,972	22,811,404	22,750,390	25,277,800	26,922,800	6.51%	27,302,870	28,024,050
Fire	4,688,527	4,840,937	5,449,350	5,520,250	5,630,130	1.99%	5,611,910	5,700,460
Building Inspections	2,020,207	2,159,573	2,285,530	2,289,630	2,341,590	2.27%	2,394,780	2,397,380
Total Public Safety	28,562,706	29,811,914	30,485,270	33,087,680	34,894,520	5.46%	35,309,560	36,121,890

General Fund
Revenues Expenditures and Fund Balance

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Public Works								
Streets	5,372,206	5,326,311	6,160,630	7,004,450	7,355,400	5.01%	7,481,120	7,630,650
Transportation/Trolley	-	114,870	214,680	169,250	246,420	45.60%	250,870	264,430
Total Public Works	5,372,206	5,441,181	6,375,310	7,173,700	7,601,820	5.97%	7,731,990	7,895,080
Community Development								
Engineering	2,269,740	2,498,027	2,637,490	2,620,770	2,841,250	8.41%	2,897,580	2,955,400
Planning	803,711	820,468	826,910	951,145	953,650	0.26%	975,140	995,990
Total Community Development	3,073,451	3,318,495	3,464,400	3,571,915	3,794,900	6.24%	3,872,720	3,951,390
Recreation and Culture								
Parks	2,432,260	2,493,472	2,860,180	2,978,478	3,070,880	3.10%	3,093,600	3,146,020
Recreation	4,026,506	4,136,255	4,508,170	4,882,780	4,881,750	-0.02%	4,985,700	5,085,250
Nature Center	118,395	119,277	164,610	146,630	147,470	0.57%	147,970	147,970
Historic Village	150,624	178,332	219,790	228,100	241,400	5.83%	244,680	247,860
Total Recreation and Culture	6,727,785	6,927,336	7,752,750	8,235,988	8,341,500	1.28%	8,471,950	8,627,100
TOTAL - EXPENDITURES	50,984,099	53,344,550	55,905,940	60,543,503	63,848,030	5.46%	64,521,550	65,973,790
Surplus (Use) Before Other Uses	5,374,369	4,223,843	3,921,490	(1,607,923)	(1,685,020)	4.79%	(1,288,530)	(1,929,350)
<u>OTHER FINANCING USES</u>								
Operating Transfers Out	7,410,000	4,668,860	2,200,000	3,835,410	1,635,410	-57.36%	-	-
TOTAL - EXPENDITURES/TRANS OUT	58,394,099	58,013,410	58,105,940	64,378,913	65,483,440	1.72%	64,521,550	65,973,790
SURPLUS (USE) OF FUND BALANCE	(2,035,631)	(445,017)	1,721,490	(5,443,333)	(3,320,430)	-39.00%	(1,288,530)	(1,929,350)
BEGINNING FUND BALANCE	33,079,588	31,043,957	30,598,939	30,598,939	32,320,429	5.63%	28,999,999	27,711,469
ENDING FUND BALANCE	\$ 31,043,957	\$ 30,598,939	\$ 32,320,429	\$ 25,155,606	\$ 28,999,999	15.28%	\$ 27,711,469	\$ 25,782,119

General Fund Revenue Detailed By Account

		2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
<u>REVENUE</u>									
<u>TAXES</u>									
4402	Property Taxes	\$ 28,630,740	\$ 29,113,486	\$ 29,860,900	\$ 29,803,800	\$ 31,026,730	4.10%	\$ 31,637,600	\$ 32,243,660
4423	Mobile Home Tax	542	969	900	650	900	38.46%	900	900
4427	Senior Citizen Housing	37,460	36,541	37,000	37,500	37,500	0.00%	37,500	37,500
4445	Tax Penalties And Interest	431,743	392,580	380,000	380,000	380,000	0.00%	380,000	380,000
4447	Administration Fee	1,385,580	1,415,742	1,414,030	1,426,800	1,434,000	0.50%	1,448,200	1,462,600
TOTAL - TAXES		30,486,065	30,959,317	31,692,830	31,648,750	32,879,130	3.89%	33,504,200	34,124,660
<u>BUSINESS LICENSES AND PERMITS</u>									
4451.20	Electric, Plumbing, Heating	9,396	13,505	9,850	12,500	10,000	-20.00%	10,000	10,000
4451.30	Builders	3,570	4,265	4,280	3,700	4,200	13.51%	4,200	4,200
4451.40	Sign Erectors	240	160	200	160	200	25.00%	200	200
4451.50	Service Stations	175	175	180	210	180	-14.29%	180	180
4451.60	Amusements	18,421	15,421	20,000	20,000	20,000	0.00%	20,000	20,000
4451.70	Other	19,704	28,820	27,000	2,200	27,500	1150.00%	28,000	28,500
TOTAL - LICENSES AND PERMITS		51,506	62,346	61,510	38,770	62,080	60.12%	62,580	63,080
<u>NON-BUSINESS LICENSES AND PERMIT</u>									
4476.10	Refrig. And Air Cond	-	-	-	-	-	0.00%	-	-
4476.15	Building	1,696,909	1,889,650	2,066,000	1,814,000	2,000,000	10.25%	2,000,000	2,000,000
4476.20	Electrical	174,791	183,792	177,000	181,000	180,000	-0.55%	180,000	180,000
4476.25	Mechanical Permits	155,398	151,498	155,300	153,000	158,000	3.27%	161,500	164,800
4476.30	Plumbing	126,504	124,918	130,400	127,000	130,000	2.36%	132,000	134,000
4476.35	Animal	(13,327)	3,640	3,600	2,500	3,600	44.00%	3,600	3,600
4476.40	Sidewalks	13,271	12,805	14,700	13,700	13,700	0.00%	14,000	14,200
4476.45	Fence	3,818	3,735	3,800	3,700	3,800	2.70%	3,800	3,800

General Fund Revenue Detailed By Account

		2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
4476.50	Sewer Inspection	11,579	13,524	13,000	10,800	13,000	20.37%	13,000	13,000
4476.55	Right Of Way	7,630	8,810	18,200	8,000	10,000	25.00%	10,000	10,000
4476.60	Mult. Dwelling Inspect.	49,940	50,100	55,300	35,700	50,000	40.06%	51,000	52,000
4476.65	Grading	6,805	9,108	10,800	7,100	9,000	26.76%	9,000	9,000
4476.70	Fire Protection	116,622	124,947	177,600	121,800	134,000	10.02%	137,900	142,000
4476.75	Occupancy	60,518	67,905	72,200	63,300	73,600	16.27%	75,100	76,600
4476.80	Sign	28,908	30,907	27,200	25,500	30,000	17.65%	30,000	30,000
4476.85	Fireworks	375	375	400	380	400	5.26%	400	400
4476.90	Hazardous Materials	27,500	16,750	17,100	19,300	17,000	-11.92%	17,000	17,000
4476.95	Miscellaneous	595	770	700	700	700	0.00%	700	700
TOTAL - NON-BUS. LICENSE/PERMIT		2,467,837	2,693,232	2,943,300	2,587,480	2,826,800	9.25%	2,839,000	2,851,100
TOTAL - LICENSES AND PERMITS		2,519,343	2,755,578	3,004,810	2,626,250	2,888,880	10.00%	2,901,580	2,914,180
<u>FEDERAL GRANTS</u>									
4500	General	15,625	-	-	-	-	0.00%	-	-
4510.010	Bullet Proof Vest	2,102	13,506	12,000	15,000	1,500	-90.00%	1,500	1,500
4512.020	Homeland Security	11,722	9,131	3,000	3,000	3,000	0.00%	3,000	3,000
TOTAL - FEDERAL GRANTS		\$ 29,449	\$ 22,637	\$ 15,000	\$ 18,000	\$ 4,500	-75.00%	\$ 4,500	\$ 4,500
<u>STATE GRANTS</u>									
4512	Mcoles Police Academy	-	-	-	-	-	0.00%	-	-
4543.100	Criminal Justice	18,723	18,017	19,500	19,500	19,500	0.00%	19,500	19,500
4543.120	911 Training	26,935	13,999	22,000	20,000	22,000	10.00%	22,000	22,000
4543.130	Oakland County NET	2,500	9,742	9,700	9,700	9,700	0.00%	9,700	9,700
4569.110	Other Grants	4,000	3,000	4,000	4,000	4,000	0.00%	4,000	4,000
TOTAL - OTHER GRANTS		\$ 52,158	\$ 44,758	\$ 55,200	\$ 53,200	\$ 55,200	3.76%	\$ 55,200	\$ 55,200

General Fund Revenue Detailed By Account

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
STATE REVENUE SHARING								
4574.010 Homestead Exemption Reimb	7,381	4,005	6,000	6,400	6,000	-6.25%	6,000	6,000
4574.020 Liquor Licenses	61,124	72,952	72,000	64,800	72,000	11.11%	72,000	72,000
4574.030 Sales Tax	6,164,197	6,519,473	6,637,800	6,256,000	6,637,800	6.10%	6,637,800	6,637,800
4574.040 Evip	371,435	371,435	437,200	371,500	371,500	0.00%	371,500	371,500
4574.050 EMPP/PPEL Reimbursement	-	1,200,477	1,249,560	1,200,500	1,250,000	4.12%	1,250,000	1,250,000
TOTAL - STATE REVENUE SHARING	\$ 6,604,137	\$ 8,168,343	\$ 8,402,560	\$ 7,899,200	\$ 8,337,300	5.55%	\$ 8,337,300	\$ 8,337,300
TOTAL - STATE SOURCES	\$ 6,656,294	\$ 8,213,101	\$ 8,457,760	\$ 7,952,400	\$ 8,392,500	5.53%	\$ 8,392,500	\$ 8,392,500
CONTRIBUTIONS - LOCAL								
4581 RAP Grants/MMRMA	-	-	3,000	-	-	0.00%	-	-
4582 Public Safety	48,579	49,190	44,000	46,900	44,500	-5.12%	45,000	45,500
4589 County-West Nile	7,733	14,752	10,100	14,750	10,100	-31.53%	10,100	10,100
4590.100 RAP Grants/MMRMA	38,066	-	-	-	-	0.00%	-	-
TOTAL - CONTRIBUTIONS - LOCAL	\$ 94,378	\$ 63,942	\$ 57,100	\$ 61,650	\$ 54,600	-36.64%	\$ 55,100	\$ 55,600
CHARGES FOR SERVICES - FEES								
4607.015 Auto Crash Damage	8,086	60	-	1,500	-	-100.00%	-	-
4607.018 Fire Alarm Registration	-	-	-	20,000	-	-100.00%	-	-
4607.020 Building B Of A	1,250	1,250	1,300	1,300	1,300	0.00%	1,300	1,300
4607.025 Bus. Occupancy Permit	4,300	2,700	3,200	3,200	3,200	0.00%	3,200	3,200
4607.030 Catv Franchise Fees	1,426,871	1,450,709	1,440,000	1,456,000	1,440,000	-1.10%	1,440,000	1,440,000
4607.035 Ift Exemption Fee	-	-	-	1,000	-	-100.00%	-	-
4607.050 Miscellaneous	1,065	(2,708)	500	500	500	0.00%	500	500
4607.070 Plan Review	168,415	183,147	200,000	179,000	200,000	11.73%	200,000	200,000
4607.085 Non-Sufficient Funds	8,904	3,932	8,000	8,500	8,000	-5.88%	8,000	8,000

General Fund Revenue Detailed By Account

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
4607.090 Planned Unit Develop App.	-	1,800	1,800	1,800	1,800	0.00%	1,800	1,800
4607.095 Police Arrest Bookings	-	60	-	100	-	-100.00%	-	-
4607.110 Site Plans	22,990	25,453	25,000	25,000	25,000	0.00%	25,000	25,000
4607.130 Telecommunications	-	17,400	-	-	-	0.00%	-	-
4607.135 Telecom - Metro	279,064	273,078	280,000	280,000	280,000	0.00%	280,000	280,000
4607.140 Towing	141,780	67,710	60,000	32,000	60,000	87.50%	60,000	60,000
4607.150 Vital Statistics	164,087	167,754	168,000	166,000	171,000	3.01%	174,000	178,000
4607.170 Zoning Board Of Appeals	2,100	2,850	2,800	2,400	2,800	16.67%	2,800	2,800
4607.180 Zoning	6,100	8,100	8,700	7,000	8,500	21.43%	8,500	8,500
TOTAL - CHARGES FOR FEES	\$ 2,235,013	\$ 2,203,296	\$ 2,199,300	\$ 2,185,300	\$ 2,202,100	0.77%	\$ 2,205,100	\$ 2,209,100

CHARGES/SERVICES RENDERED

4626.010 Open And Close Cemetery	3,548	2,455	3,000	3,000	3,000	0.00%	3,000	3,000
4626.020 Court Ordered Pmt & Ins	1,670	4,127	2,500	2,000	2,500	25.00%	2,500	2,500
4626.030 County Road Maintenance	274,661	280,154	285,700	280,150	291,500	4.05%	297,300	303,200
4626.060 Department Of Public Works	72,351	111,167	80,000	60,000	81,600	36.00%	83,200	84,900
4626.070 Duplicating And Photostats	3,976	4,370	-	7,200	7,300	1.39%	7,300	7,300
4626.080 Election Services	5,059	60,808	300	300	300	0.00%	57,000	300
4626.085 Special School Election Svcs	-	-	-	-	-	0.00%	-	-
4626.090 Engineering Fees	2,895,966	2,162,437	2,300,000	1,500,000	2,500,000	66.67%	2,600,000	2,600,000
4626.100 Landscaping/Tree Pres Plan	-	-	-	-	-	0.00%	-	-
4626.110 Microfilming	4,988	5,549	5,000	5,000	5,000	0.00%	5,000	5,000
4626.120 Miscellaneous	2,681	2,515	2,500	3,000	2,500	-16.67%	2,500	2,500
4626.125 Passports	56,476	27,182	30,000	55,000	30,000	-45.45%	30,000	30,000
4626.130 Police Services - Contract	80,270	84,613	110,000	110,000	112,000	1.82%	114,000	116,000
4626.132 Police Services - Somerset	279,088	268,717	273,000	250,000	278,500	11.40%	284,000	289,700

General Fund Revenue Detailed By Account

		2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
4626.135	Police Services - Clawson	186,588	194,052	199,800	196,000	203,900	4.03%	208,000	212,100
4626.140	Police Reports	54,204	56,665	55,000	55,000	55,000	0.00%	55,000	55,000
4626.141	Police Pbt	160	70	100	200	100	-50.00%	100	100
4626.142	Police Training/Seminars	-	-	-	-	-	0.00%	-	-
4626.170	Row	15,840	27,000	20,000	10,000	20,000	100.00%	20,000	20,000
4626.210	Soil Erosion	20,848	32,850	40,000	20,000	40,000	100.00%	40,000	40,000
4626.220	Special Row Maintenance	-	-	-	-	-	0.00%	-	-
4626.230	Weed Cutting	12,566	12,961	12,000	10,000	12,200	22.00%	12,400	12,600
4626.270	Snow Removal	-	-	-	-	-	0.00%	-	-
TOTAL-CHARGE SERVICE RENDERED		\$ 3,970,939	\$ 3,337,692	\$ 3,418,900	\$ 2,566,850	\$ 3,645,400	42.02%	\$ 3,821,300	\$ 3,784,200

CHARGES/SERVICE - SALES

4642.010	Abandoned Vehicles	49,512	41,139	45,000	50,000	45,000	-10.00%	45,000	45,000
4642.020	Auction- Property	10,019	6,613	5,000	5,000	5,000	0.00%	5,000	5,000
4642.070	Miscellaneous	12,709	21,666	15,000	17,300	17,600	1.73%	17,900	17,900
4642.080	Printed Materials	443	569	500	500	500	0.00%	500	500
4642.100	Outdoor Edu. Center	1,031	20	-	100	-	-100.00%	-	-
4642.115	Senior Store	27,597	31,209	30,000	25,000	30,000	20.00%	31,000	31,000
4642.120	Sign Installation	2,977	1,738	5,000	2,500	2,500	0.00%	2,500	2,500
4642.150	Tree Planting	13,480	61,920	61,000	40,000	61,000	52.50%	61,000	61,000
TOTAL - CHARGES/SERVICE - SALES		\$ 117,767	\$ 164,873	\$ 161,500	\$ 140,400	\$ 161,600	15.10%	\$ 162,900	\$ 162,900

CHARGES/SERVICE - USE/ADMIN

4651.050	Nature Center	-	-	-	-	-	0.00%	-	-
4651.074	Senior Citizen Activity	231,270	214,764	240,000	245,000	245,000	0.00%	250,000	255,000
4651.075	Community Center Passes	1,643,000	1,336,048	1,300,000	1,720,000	1,350,000	-21.51%	1,400,000	1,425,000
4651.076	Community Center Swim	232,699	197,028	210,000	235,000	220,000	-6.38%	230,000	235,000

General Fund Revenue Detailed By Account

		2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
4651.077	Community Center Fitness	37,638	74,166	75,000	50,000	76,000	52.00%	77,000	78,000
4651.078	Comm. Prog./Events	50,994	15,410	30,000	25,000	30,000	20.00%	31,000	32,000
4651.080	Recreation	794,360	1,050,618	1,200,000	820,000	1,250,000	52.44%	1,275,000	1,300,000
4651.085	Dog Park Passes	-	-	25,000	-	26,000	100.00%	26,000	26,000
4653.105	Big Beaver 5K Run	-	13,413	10,900	15,000	12,000	-20.00%	12,000	12,000
TOTAL - CHARGES FOR USE/ADMIN		\$ 2,989,960	\$ 2,901,445	\$ 3,090,900	\$ 3,110,000	\$ 3,209,000	3.18%	\$ 3,301,000	\$ 3,363,000
TOTAL - CHARGES FOR SERVICES		\$ 9,313,680	\$ 8,607,306	\$ 8,870,600	\$ 8,002,550	\$ 9,218,100	15.19%	\$ 9,490,300	\$ 9,519,200
<u>FINES AND FORFEITS</u>									
4655.010	County -Court	569,738	577,925	525,000	600,000	527,000	-12.17%	530,000	532,000
4655.022	Police Investigations	67,035	55,076	50,000	50,000	50,000	0.00%	50,000	50,000
4655.030	False Alarms - Fire Dept	52,225	52,300	52,000	55,000	52,000	-5.45%	52,000	52,000
4655.040	False Alarms - Police	225,385	244,475	240,000	235,000	240,000	2.13%	240,000	240,000
4655.060	Quil Reimbursement	67,599	61,493	60,000	70,000	60,000	-14.29%	60,000	60,000
4655.065	Civil Infractions	65	-	-	250	-	-100.00%	-	-
4655.070	Bond Processing Fees	1,630	1,529	1,500	1,500	1,500	0.00%	1,500	1,500
TOTAL - FINES AND FORFEITS		\$ 983,677	\$ 992,798	\$ 928,500	\$ 1,011,750	\$ 930,500	-8.03%	\$ 933,500	\$ 935,500
<u>RENT INCOME</u>									
4667.010	Building Rent	257,486	257,917	261,500	261,500	261,500	0.00%	261,500	261,500
4667.015	Communication Tower	21,600	129,600	64,800	64,800	64,800	0.00%	72,000	72,000
4667.025	Community Center Rent	282,979	349,074	350,000	315,000	355,000	12.70%	360,000	365,000
4667.028	Flynn Park - Beaumont	-	30,000	30,000	15,000	30,000	100.00%	30,000	30,000
4667.075	Field Maintenance	104,393	118,855	110,000	100,000	110,000	10.00%	110,000	110,000
4667.085	Parking Lot (Smart)	183,708	170,172	170,000	170,000	170,000	0.00%	170,000	170,000
4667.095	Tennis Bubble	26,562	27,519	29,000	29,000	29,000	0.00%	29,000	29,000
TOTAL - RENT INCOME		\$ 876,729	\$ 1,083,137	\$ 1,015,300	\$ 955,300	\$ 1,020,300	6.80%	\$ 1,032,500	\$ 1,037,500

General Fund Revenue Detailed By Account

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
<u>INVESTMENT INCOME</u>								
4665 Interest Income	-	-	367,000	-	374,000	100.00%	382,000	389,000
4669.020 Investment Income	460,192	4,351	(300,000)	340,000	(300,000)	-188.24%	(300,000)	(300,000)
TOTAL - INVESTMENT INCOME	\$ 460,192	\$ 4,351	\$ 67,000	\$ 340,000	\$ 74,000	-78.24%	\$ 82,000	\$ 89,000
TOTAL - INTEREST AND RENTS	\$ 1,336,920	\$ 1,087,488	\$ 1,082,300	\$ 1,295,300	\$ 1,094,300	-15.52%	\$ 1,114,500	\$ 1,126,500
<u>MISCELLANEOUS</u>								
4694 Cash Over/(Short)	480	423	-	-	-	0.00%	-	-
4671 Miscellaneous	18,992	9,196	25,000	25,000	25,000	0.00%	25,000	25,000
TOTAL - MISCELLANEOUS	\$ 19,472	\$ 9,619	\$ 25,000	\$ 25,000	\$ 25,000	\$ -	\$ 25,000	\$ 25,000
<u>PRIVATE CONTRIBUTIONS</u>								
4675.050 Fire Department	-	-	-	-	-	0.00%	-	-
4675.060 Miscellaneous	4,100	-	-	-	-	0.00%	-	-
4675.080 Police	3,000	-	-	-	-	0.00%	-	-
4675.110 Parks And Recreation	12,000	9,251	10,000	10,000	10,000	0.00%	10,000	10,000
TOTAL - PRIVATE CONTRIBUTIONS	\$ 19,100	\$ 9,251	\$ 10,000	\$ 10,000	\$ 10,000	0.00%	\$ 10,000	\$ 10,000
<u>REIMBURSEMENTS</u>								
4676.010 Reimbursements	13,073	4,292	10,000	5,000	5,000	0.00%	5,000	5,000
4676.103 Troy Family Daze	-	-	10,000	-	10,000	100.00%	10,000	10,000
TOTAL - REIMBURSEMENTS	\$ 13,073	\$ 4,292	\$ 20,000	\$ 5,000	\$ 15,000	200.00%	\$ 15,000	\$ 15,000

General Fund Revenue Detailed By Account

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
<u>ADMINISTRATIVE CHARGES</u>								
4677.226 Refuse	94,000	95,000	96,000	96,000	97,000	1.04%	98,000	99,000
4677.243 LDFA	-	-	5,000	5,000	5,000	0.00%	5,000	5,000
4677.248 DDA	-	-	25,500	25,500	26,000	1.96%	26,500	27,000
4677.250 BRA	-	-	5,000	5,000	5,500	10.00%	5,600	5,700
4677.271 Library	45,500	46,000	47,500	47,500	49,000	3.16%	50,000	51,000
4677.301 Debt Service	60,500	60,500	61,500	61,500	62,500	1.63%	63,500	64,000
4677.584 Golf Course	10,100	10,200	10,300	10,300	10,400	0.97%	10,500	10,600
4677.590 Sewer	293,100	296,000	299,000	299,000	302,000	1.00%	305,000	308,000
4677.591 Water	361,900	365,500	369,200	369,200	375,000	1.57%	380,600	386,200
4677.661 Motor Pool	75,800	78,000	77,300	77,300	78,500	1.55%	79,700	80,900
4677.731 Retirement System	76,500	77,300	80,350	80,350	82,000	2.05%	83,600	85,300
TOTAL - ADMINISTRATIVE CHARGES	\$ 1,017,400	\$ 1,028,500	\$ 1,076,650	\$ 1,076,650	\$ 1,092,900	1.51%	\$ 1,108,000	\$ 1,122,700
<u>REFUNDS AND REBATES</u>								
4687.040 Rebates	15,243	14,507	15,000	4,000	15,000	275.00%	15,000	15,000
TOTAL - REFUNDS AND REBATES	\$ 15,243	\$ 14,507	\$ 15,000	\$ 4,000	\$ 15,000	275.00%	\$ 15,000	\$ 15,000
TOTAL - OTHER REVENUE	\$ 1,084,288	\$ 1,066,169	\$ 1,146,650	\$ 1,120,650	\$ 1,157,900	3.32%	\$ 1,173,000	\$ 1,187,700
TOTAL - REVENUE	\$ 52,504,094	\$ 53,768,335	\$ 55,255,550	\$ 53,737,300	\$ 56,620,410	5.37%	\$ 57,569,180	\$ 58,260,340

**General Fund
Revenue Detailed By Account**

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
<u>OTHER FINANCING SOURCES</u>								
<u>OPERATING TRANSFERS IN</u>								
4699.150 Cemetery Fund	-	-	2,100	2,100	2,100	0.00%	2,100	2,100
4699.202 Major Street Fund	2,147,952	1,797,666	2,357,940	2,435,180	2,633,300	8.14%	2,752,630	2,810,040
4699.203 Local Streets Fund	1,561,201	1,781,295	2,028,550	2,577,710	2,693,100	4.48%	2,690,660	2,749,160
4699.243 LDFA	5,000	5,000	-	-	-	0.00%	-	-
4699.248 DDA	135,221	211,097	183,290	183,290	214,100	16.81%	218,450	222,800
4699.250 BRA	5,000	5,000	-	-	-	0.00%	-	-
TOTAL - OPERATING TRANSFERS IN	\$ 3,854,374	\$ 3,800,058	\$ 4,571,880	\$ 5,198,280	\$ 5,542,600	6.62%	\$ 5,663,840	\$ 5,784,100
TOTAL - OTHER FINANCING SOURCES	\$ 3,854,374	\$ 3,800,058	\$ 4,571,880	\$ 5,198,280	\$ 5,542,600	6.62%	\$ 5,663,840	\$ 5,784,100
1010 TOTAL - GENERAL FUND REVENUE	\$ 56,358,468	\$ 57,568,393	\$ 59,827,430	\$ 58,935,580	\$ 62,163,010	5.48%	\$ 63,233,020	\$ 64,044,440

**General Fund
Expenditure Details By Department**

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
GENERAL GOVERNMENT								
<u>Council/Executive Administration</u>								
102 Council	\$ 82,003	\$ 59,290	\$ 81,950	\$ 85,080	\$ 84,610	-0.55%	\$ 86,250	\$ 87,910
172 City Manager	1,510,254	1,916,203	1,691,610	1,887,040	1,918,360	1.66%	1,920,170	1,967,220
215 Clerks Office								
215 Clerk	388,119	500,969	574,650	526,340	680,130	29.22%	697,110	714,840
262 Elections	224,371	163,341	112,920	84,270	257,110	205.10%	170,650	197,430
266 City Attorney	1,062,934	1,266,762	1,236,300	1,289,560	1,313,560	1.86%	1,344,960	1,375,250
270 Human Resources	516,592	543,132	587,170	621,910	653,650	5.10%	642,850	658,000
Total Council/Executive Administration	\$ 3,784,272	\$ 4,449,697	\$ 4,284,600	\$ 4,494,200	\$ 4,907,420	9.19%	\$ 4,861,990	\$ 5,000,650
<u>Financial Services</u>								
191 Finance Department								
191 Accounting	\$ 697,382	\$ 763,714	\$ 742,620	\$ 818,740	\$ 938,350	14.61%	\$ 904,240	\$ 926,690
192 Risk Management	-	-	-	-	-	0.00%	-	-
223 Independent Auditor	57,000	57,000	53,000	58,140	59,160	1.75%	60,320	61,520
233 Treasurer's Office	548,033	461,348	541,780	567,380	587,710	3.58%	600,910	613,160
247 Purchasing	243,112	244,845	242,910	294,900	383,150	29.93%	315,450	323,500
253 Assessing								
253 Board of Review	1,271	1,931	1,480	2,490	2,490	0.00%	2,540	2,590
257 Assessor's Office	900,173	937,041	921,460	1,042,610	1,042,100	-0.05%	1,069,420	1,095,890
Total Financial Services	\$ 2,446,970	\$ 2,465,879	\$ 2,503,250	\$ 2,784,260	\$ 3,012,960	8.21%	\$ 2,952,880	\$ 3,023,350
<u>Other General Government</u>								
264 Building Operations								
261 Fire/Police Training Center	\$ 74,631	\$ 77,892	\$ 87,030	\$ 108,200	\$ 111,450	3.00%	\$ 114,020	\$ 116,630
265 City Hall	737,257	646,322	732,680	824,430	905,350	9.82%	922,210	947,300
277 District Court	204,820	205,834	220,650	263,130	278,110	5.69%	284,230	290,400
Total Other General Government	\$ 1,016,708	\$ 930,048	\$ 1,040,360	\$ 1,195,760	\$ 1,294,910	8.29%	\$ 1,320,460	\$ 1,354,330
TOTAL GENERAL GOVERNMENT	\$ 7,247,951	\$ 7,845,624	\$ 7,828,210	\$ 8,474,220	\$ 9,215,290	8.74%	\$ 9,135,330	\$ 9,378,330

**General Fund
Expenditure Details By Department**

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
PUBLIC SAFETY								
Police								
10 Executive Administration								
305 Police Administration	\$ 1,458,083	\$ 1,506,039	\$ 1,804,550	\$ 1,661,660	\$ 1,956,800	17.76%	\$ 1,764,250	\$ 1,799,240
320 Professional Standards	700,721	736,849	532,920	762,290	835,290	9.58%	857,070	879,840
Total Executive Administration	2,158,804	2,242,888	2,337,470	2,423,950	2,792,090	15.19%	2,621,320	2,679,080
11 Investigative/Admin Services								
307 Investigations Services	1,949,709	2,036,931	1,874,130	2,202,000	2,201,830	-0.01%	2,257,590	2,317,030
308 Crime Information Unit	478,993	447,388	432,270	496,730	492,660	-0.82%	505,100	518,490
309 Special Investigations Unit	550,820	569,825	437,330	592,280	560,300	-5.40%	574,450	589,590
311 Drug Enforcement (DEA)	192,683	213,608	194,420	205,640	217,290	5.67%	222,780	228,590
321 Criminal Justice Training	19,214	22,711	21,730	21,730	22,170	2.02%	22,620	23,080
322 Training Section	393,690	391,855	391,470	424,670	458,730	8.02%	444,220	455,370
324 Emergency Response/Preparedness	111,141	127,645	141,150	145,870	154,180	5.70%	157,690	161,300
326 Records Section	542,974	530,658	573,050	635,060	676,110	6.46%	694,150	712,800
329 Lockup Section	1,185,553	1,256,163	1,249,450	1,358,050	1,464,530	7.84%	1,504,290	1,544,690
333 Property Section	92,863	101,539	98,880	110,810	109,650	-1.05%	112,660	115,750
334 Research & Technology	876,927	839,915	942,050	1,063,260	1,080,740	1.64%	1,103,890	1,127,020
Total Investigative/Admin Services	6,394,567	6,538,237	6,355,930	7,256,100	7,438,190	2.51%	7,599,440	7,793,710
12 Operations								
315 Road Patrol	8,927,488	9,710,348	9,949,320	10,960,780	11,392,720	3.94%	11,661,040	11,970,050
316 K-Nine Unit	516,818	567,395	530,770	562,340	617,460	9.80%	632,690	648,930
317 Directed Patrol Unit	625,622	495,207	512,310	529,060	568,280	7.41%	582,620	597,950
318 Traffic Unit	290,385	307,032	308,260	325,500	821,970	152.53%	843,780	866,580
319 Crossing Guards	34,581	36,081	34,740	38,330	42,880	11.87%	43,950	45,050
325 Communications Section	1,890,036	1,965,663	1,827,610	2,177,280	2,219,550	1.94%	2,262,450	2,339,290
335 Community Services Section	1,015,672	948,552	893,980	1,004,460	1,029,660	2.51%	1,055,580	1,083,410
Total Operations	13,300,602	14,030,278	14,056,990	15,597,750	16,692,520	7.02%	17,082,110	17,551,260
Total Police	\$ 21,853,972	\$ 22,811,404	\$ 22,750,390	\$ 25,277,800	\$ 26,922,800	6.51%	\$ 27,302,870	\$ 28,024,050

**General Fund
Expenditure Details By Department**

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fire Department								
337 Fire Administration	\$ 349,484	\$ 369,129	\$ 371,830	\$ 393,980	\$ 453,870	15.20%	\$ 419,120	\$ 429,160
338 Fire Operations	1,172,181	1,165,101	1,366,190	1,460,360	1,544,730	5.78%	1,553,220	1,571,450
340 Fire Companies	1,540,404	1,583,468	2,166,510	2,143,740	1,735,840	-19.03%	1,751,640	1,777,840
341 Fire Prevention	1,064,882	1,172,038	958,250	923,300	1,015,130	9.95%	1,041,210	1,067,600
343 Fire Communications	229,457	234,269	224,970	222,350	235,690	6.00%	240,220	244,790
344 Fire Halls	332,117	316,932	361,600	376,520	644,870	71.27%	606,500	609,620
Total Fire Department	\$ 4,688,527	\$ 4,840,937	\$ 5,449,350	\$ 5,520,250	\$ 5,630,130	1.99%	\$ 5,611,910	\$ 5,700,460
Building Inspections								
371 Building Inspections	\$ 2,020,207	\$ 2,159,573	\$ 2,285,530	\$ 2,289,630	\$ 2,341,590	2.27%	\$ 2,394,780	\$ 2,397,380
TOTAL PUBLIC SAFETY	\$ 28,562,706	\$ 29,811,914	\$ 30,485,270	\$ 33,087,680	\$ 34,894,520	5.46%	\$ 35,309,560	\$ 36,121,890
DEPARTMENT OF PUBLIC WORKS								
Streets Department								
20 Local Streets								
481 Local Surface Maint - Gravel	\$ 79,568	\$ 75,402	\$ 86,550	\$ 107,370	\$ 114,540	6.68%	\$ 117,630	\$ 119,770
482 Local Surface Maint	426,786	402,734	489,130	648,910	610,550	-5.91%	571,870	580,740
483 Local Surf Maint - Concrete	-	-	-	-	-	0.00%	-	-
485 Local Guard Rails & Posts	4,532	1,932	2,090	13,680	18,230	33.26%	18,630	19,000
486 Local Sweeping	63,505	72,947	149,660	174,360	166,440	-4.54%	171,250	173,030
489 Local Drain Structures	422,696	607,927	427,820	456,560	510,970	11.92%	524,300	530,680
490 Local Roadside Cleanup	4,400	6,722	15,850	5,720	6,010	5.07%	6,150	6,260
491 Local Grass & Weed Control	4,729	9,220	10,500	800	850	6.25%	900	900
492 Local Dust Control	-	-	-	-	-	0.00%	-	-
495 Local Signs	74,085	57,009	87,210	158,110	166,080	5.04%	170,780	173,690
497 Local Markings	12,453	2,832	12,330	22,330	22,800	2.10%	23,490	23,640
498 Local Snow & Ice Control	318,668	410,204	590,250	752,170	780,730	3.80%	796,830	809,450
499 Local Administration	149,777	134,367	157,160	237,700	295,900	24.48%	288,830	312,000
Total Local Streets	1,561,199	1,781,295	2,028,550	2,577,710	2,693,100	4.48%	2,690,660	2,749,160

**General Fund
Expenditure Details By Department**

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
21 County Roads								
500 County Surface Maintenance	4,175	309	880	3,390	3,560	5.01%	3,620	3,690
501 County Drain Structures	-	-	-	-	-	0.00%	-	-
502 County Snow & Ice Control	451,176	301,481	414,740	482,720	502,250	4.05%	516,680	522,620
503 County Administration	10,008	31,237	23,780	24,190	25,100	3.76%	25,220	25,350
504 County Signs	26,053	22,660	11,060	44,700	25,710	-42.48%	26,330	26,760
507 County Sweeping	3,103	4,213	2,930	1,000	1,100	10.00%	1,150	1,150
Total County Roads	494,515	359,900	453,390	556,000	557,720	0.31%	573,000	579,570
22 Major Streets								
464 Major Surface Maintenance	444,548	360,375	517,830	673,310	746,660	10.89%	806,930	819,850
465 Major Guard Rails And Posts	5,548	313	350	3,130	4,340	38.66%	4,440	4,530
466 Major Sweeping	62,885	46,106	141,140	171,300	178,050	3.94%	183,190	184,690
469 Major Drain Structures	159,869	60,118	158,350	194,490	216,140	11.13%	221,370	226,500
470 Major Roadside Cleanup	34,028	34,668	38,120	43,260	42,940	-0.74%	44,190	45,210
471 Major Grass & Weed Control	2,701	6,869	4,870	8,870	12,570	41.71%	12,860	13,150
475 Major Signs	193,363	247,522	258,800	183,040	189,450	3.50%	194,000	196,840
477 Major Markings	97,347	99,083	94,380	106,560	109,230	2.51%	112,130	112,540
478 Major Snow & Ice Control	519,015	323,970	420,990	546,460	581,830	6.47%	598,130	607,250
479 Major Administration	628,645	618,641	723,100	504,760	552,090	9.38%	575,390	599,480
Total Major Streets	2,147,949	1,797,666	2,357,930	2,435,180	2,633,300	8.14%	2,752,630	2,810,040
23 Drains								
514 Retention Ponds	186,356	272,508	282,320	297,000	326,490	9.93%	332,610	336,150
515 Open Drain Maintenance	146,687	129,563	123,480	128,190	126,760	-1.12%	82,610	84,330
516 Drains Administration	91,122	100,609	129,530	78,660	50,370	-35.96%	51,810	53,130
517 Storm Sewer & Ryd	133,408	163,231	120,780	164,750	185,160	12.39%	190,260	194,180
Total Drains	557,573	665,911	656,110	668,600	688,780	3.02%	657,290	667,790
24 Sidewalks								
444 Sidewalk Administration	36,449	28,972	30,420	35,260	33,580	-4.76%	34,400	35,230
511 Sidewalk Maint - Snow Control	553	8,895	16,370	45,290	45,720	0.95%	49,840	49,990
512 Sidewalk Maint - General	98,999	144,914	122,320	135,630	145,690	7.42%	149,700	152,250
Total Sidewalks	136,002	182,780	169,110	216,180	224,990	4.08%	233,940	237,470

**General Fund
Expenditure Details By Department**

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
25 Street Lighting								
448 Street Lighting	448,983	523,076	481,420	536,930	519,290	-3.29%	534,780	547,160
26 Weeds/Snow & Ice								
519 Weeds/Snow And Ice	25,985	15,682	14,120	13,850	38,220	175.96%	38,820	39,460
Total Streets Department	\$ 5,372,206	\$ 5,326,311	\$ 6,160,630	\$ 7,004,450	\$ 7,355,400	5.01%	\$ 7,481,120	\$ 7,630,650
596 Transportation/Trolley Department	\$ -	\$ 114,870	\$ 214,680	\$ 169,250	\$ 246,420	45.60%	\$ 250,870	\$ 264,430
TOTAL DEPARTMENT OF PUBLIC WORKS	\$ 5,372,206	\$ 5,441,181	\$ 6,375,310	\$ 7,173,700	\$ 7,601,820	5.97%	\$ 7,731,990	\$ 7,895,080
COMMUNITY DEVELOPMENT								
Engineering								
442 Engineering	\$ 2,269,443	\$ 2,498,027	\$ 2,637,490	\$ 2,620,770	\$ 2,841,250	8.41%	\$ 2,897,580	\$ 2,955,400
443 Traffic Engineering	297	-	-	-	-	0.00%	-	-
Total Engineering Department	\$ 2,269,740	\$ 2,498,027	\$ 2,637,490	\$ 2,620,770	\$ 2,841,250	8.41%	\$ 2,897,580	\$ 2,955,400
Planning								
721 Planning	\$ 793,510	\$ 808,565	\$ 807,830	\$ 930,680	\$ 933,190	0.27%	\$ 954,430	\$ 975,020
723 Planning Commission	8,450	10,084	14,800	15,305	15,300		15,490	15,680
726 Board of Zoning Appeals	1,751	1,818	4,280	5,160	5,160	0.00%	5,220	5,290
Total Planning Department	\$ 803,711	\$ 820,468	\$ 826,910	\$ 951,145	\$ 953,650	0.26%	\$ 975,140	\$ 995,990
TOTAL COMMUNITY DEVELOPMENT	\$ 3,073,451	\$ 3,318,495	\$ 3,464,400	\$ 3,571,915	\$ 3,794,900	6.24%	\$ 3,872,720	\$ 3,951,390

**General Fund
Expenditure Details By Department**

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
RECREATION AND CULTURE								
<u>Parks</u>								
751 Parks Administration	\$ 90,738	\$ 88,863	\$ 149,950	\$ 127,450	\$ 138,300	8.51%	\$ 142,000	\$ 145,760
756 Civic Center Maintenance	240,412	303,120	297,650	339,840	355,530	4.62%	358,670	361,870
757 Cemetery Maintenance	38,932	15,131	18,870	22,930	23,370	1.92%	23,670	23,980
758 Parks Garage	42,167	46,015	51,060	56,310	65,030	15.49%	66,590	68,170
759 Athletic Field Maintenance	231,203	238,431	241,570	294,900	302,050	2.42%	307,150	312,220
770 Parks Maintenance	712,514	759,119	926,700	903,668	901,810	-0.21%	920,290	937,060
772 Park Equipment Repair	98,988	122,820	127,410	73,710	74,470	1.03%	76,470	78,490
773 Parks-Special Events	37,333	42,486	64,250	30,690	30,690	0.00%	31,450	32,230
774 Major Tree Maintenance	2,438	3,070	8,350	24,840	25,650	3.26%	26,320	27,000
775 Major Tree Planting	-	152	-	-	-	0.00%	-	-
776 Major Tree Storm Damage	40	3,786	5,540	200	200	0.00%	200	200
777 Local Tree Maintenance	582,526	476,621	456,510	607,180	553,460	-8.85%	561,150	568,000
778 Local Tree Planting	111,409	97,152	145,260	145,410	148,310	1.99%	151,270	154,290
779 Local Tree Storm Damage	13,413	16,526	24,000	55,020	56,760	3.16%	58,230	59,740
780 Street Island Maintenance-Major	89,646	92,378	110,640	112,800	118,980	5.48%	121,610	124,240
781 Street Island Maintenance-Local	283	1,704	140	240	240	0.00%	250	260
783 Street Island Maintenance-DDA	140,219	186,097	232,280	183,290	276,030	50.60%	248,280	252,510
Total Parks Department	\$ 2,432,260	\$ 2,493,472	\$ 2,860,180	\$ 2,978,478	\$ 3,070,880	3.10%	\$ 3,093,600	\$ 3,146,020
<u>Recreation</u>								
752 Recreation Administration	\$ 795,963	\$ 836,560	\$ 933,550	\$ 922,420	\$ 1,022,310	10.83%	\$ 1,039,170	\$ 1,055,350
753 Recreation	859,926	879,529	947,810	988,420	982,740	-0.57%	1,006,690	1,029,040
754 Senior Programs	188,714	213,481	291,320	405,810	360,510	-11.16%	369,450	378,220
755 Community Center	2,181,902	2,206,685	2,335,490	2,566,130	2,516,190	-1.95%	2,570,390	2,622,640
Total Recreation Department	\$ 4,026,506	\$ 4,136,255	\$ 4,508,170	\$ 4,882,780	\$ 4,881,750	-0.02%	\$ 4,985,700	\$ 5,085,250
<u>Nature Center</u>								
771 Nature Center	\$ 118,395	\$ 119,277	\$ 164,610	\$ 146,630	\$ 147,470	0.57%	\$ 147,970	\$ 147,970

**General Fund
Expenditure Details By Department**

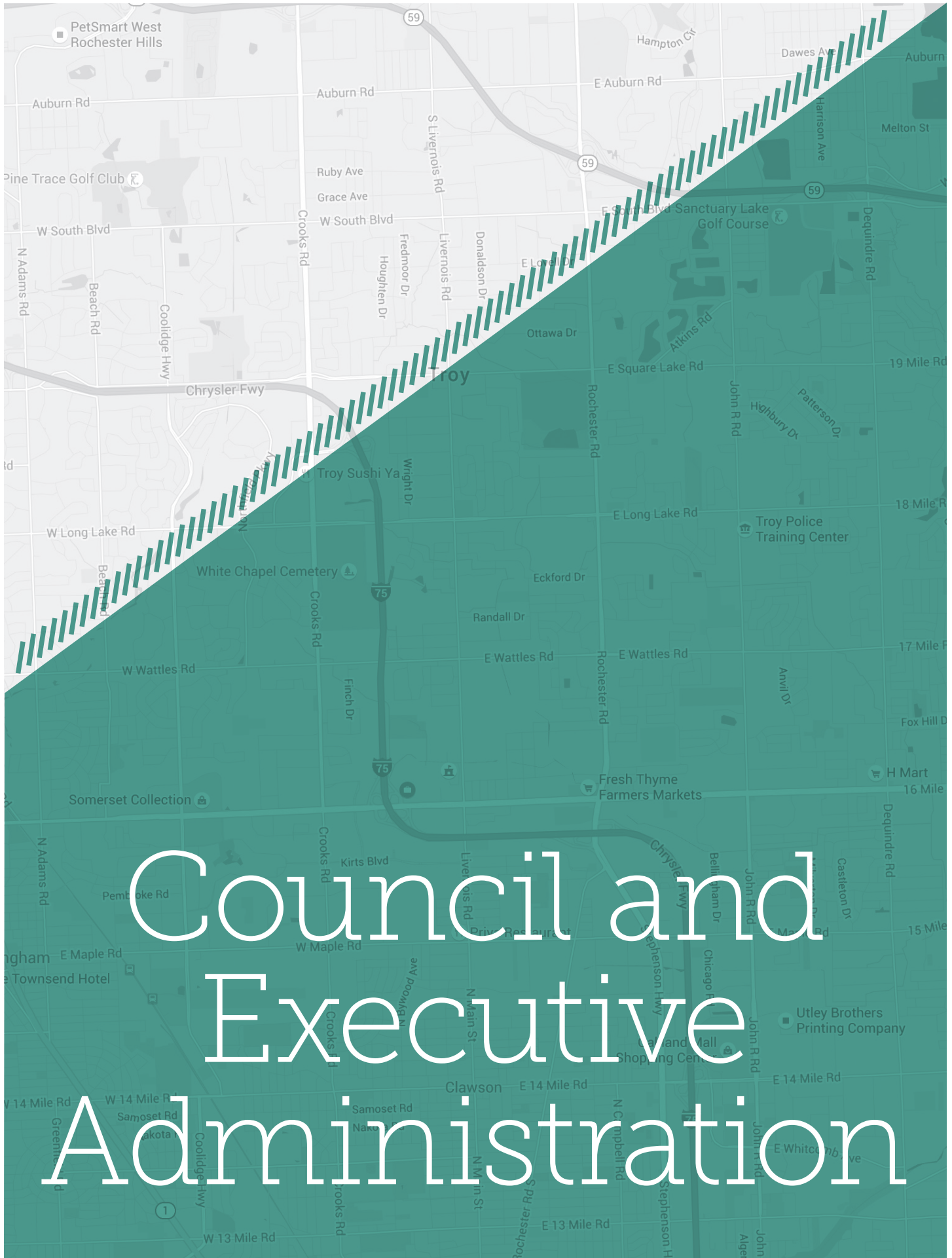
	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Historic Village								
802 Village Operations	\$ 75,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	0.00%	\$ 100,000	\$ 100,000
804 Village Buildings	54,177	61,563	81,740	72,210	84,440		86,610	88,660
807 Village Grounds	21,447	16,770	38,050	55,890	56,960	1.91%	58,070	59,200
Total Historic Village	\$ 150,624	\$ 178,332	\$ 219,790	\$ 228,100	\$ 241,400	5.83%	\$ 244,680	\$ 247,860
TOTAL RECREATION AND CULTURE	\$ 6,727,785	\$ 6,927,336	\$ 7,752,750	\$ 8,235,988	\$ 8,341,500	1.28%	\$ 8,471,950	\$ 8,627,100
OTHER USES								
966 Transfers Out	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -
966 Capital - Enhanced Streets	6,200,000	2,600,000	1,600,000	1,600,000	-	-100.00%	-	-
966 Capital - Fire Station #4	625,000	1,788,860	-	-	-	0.00%	-	-
966 Capital - Fire Pumper Truck	585,000	-	-	-	-	0.00%	-	-
966 Capital - Fire Ladder Trucks #5 & #6	-	-	-	1,635,410	1,635,410	0.00%	-	-
966 Capital - Police Fencing	-	280,000	-	-	-	0.00%	-	-
966 Capital - Training Facility Parking Lot	-	-	600,000	600,000	-	-100.00%	-	-
TOTAL OTHER USES	7,410,000	4,668,860	2,200,000	3,835,410	1,635,410	-57.36%	-	-
TOTAL - GENERAL FUND	\$ 58,394,099	\$ 58,013,410	\$ 58,105,940	\$ 64,378,913	\$ 65,483,440	1.72%	\$ 64,521,550	\$ 65,973,790

**General Fund
Expenditure Details By Account**

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
EXPENSE								
PERSONAL SERVICES								
Personal Service	\$ 19,602,649	\$ 20,092,924	\$ 20,407,300	\$ 22,608,650	\$ 23,600,970	4.39%	\$ 24,017,260	\$ 24,614,990
Elected And Appointed	20,725	22,400	22,550	25,350	25,350	0.00%	25,990	26,630
Election Inspectors	69,222	93,238	29,000	21,760	143,450	559.24%	70,000	95,000
Fica	1,480,189	1,510,040	1,506,810	1,690,880	1,810,590	7.08%	1,842,520	1,888,500
Disability Pay - Volunteer Fire	25,530	45,700	25,560	-	0	0.00%	-	-
Workers Comp & Unemployment	214,116	348,356	311,710	417,850	326,690	-21.82%	338,540	346,970
Sick Pay Allowance	1,246,334	1,283,939	1,337,040	1,311,110	1,480,610	12.93%	1,510,220	1,547,750
Hospital And Life Insurance	3,021,683	3,339,102	3,936,940	3,828,990	4,145,510	8.27%	4,273,490	4,442,850
Vacation	2,049,423	2,196,744	2,368,080	2,160,500	2,450,530	13.42%	2,493,650	2,555,640
Retirement	5,175,250	5,818,816	5,055,110	6,430,760	7,040,680	9.48%	7,158,560	7,336,550
Total - Personal Services	32,905,119	34,751,260	35,000,100	38,495,850	41,024,380	6.57%	41,730,230	42,854,880
SUPPLIES								
Office Supplies	144,842	140,771	139,410	152,860	149,900	-1.94%	153,020	154,760
Postage	123,226	121,332	147,820	142,590	146,580	2.80%	151,030	152,750
Operating Supplies	1,072,571	1,131,681	1,201,400	1,236,950	1,344,670	8.71%	1,335,270	1,360,870
Fuel	14,704	19,132	25,240	27,490	33,570	22.12%	33,820	34,070
Tools	10,930	7,034	14,500	16,000	16,060	0.38%	16,120	16,180
Uniforms	161,922	188,536	214,200	218,790	248,370	13.52%	236,370	240,530
Repair/Mtnce Supplies	1,004,024	843,966	814,400	1,032,380	1,047,060	1.42%	1,072,550	1,075,450
Holiday Decorations	14,574	58,757	7,000	15,000	15,000	0.00%	15,000	15,000
Expendable Repairs/Equipment	119,756	52,181	68,340	249,010	149,080	-40.13%	7,160	22,190
Repair/Mtnce General Vehicle	-	-	19,490	-	19,640	100.00%	-	-
Total - Supplies	2,666,549	2,563,389	2,651,800	3,091,070	3,169,930	2.55%	3,020,340	3,071,800

**General Fund
Expenditure Details By Account**

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
<u>OTHER SERVICE CHARGES</u>								
Professional Services	757,082	1,009,149	879,270	934,578	1,154,090	23.49%	1,146,340	1,168,590
Contractual Services	5,493,863	5,855,383	6,735,140	6,937,870	7,470,810	7.68%	7,498,410	7,537,370
Computer Services	1,217,496	1,268,010	1,321,680	1,378,400	1,370,120	-0.60%	1,396,910	1,422,570
Consultant Services	537,952	829,125	735,000	650,000	750,000	15.38%	750,000	750,000
Community Policing	5,162	7,115	7,500	6,600	6,740	2.12%	6,880	7,020
Health Services	13,156	23,085	32,200	36,360	58,480	60.84%	40,190	51,610
Communications	98,886	110,478	96,410	80,630	97,180	20.53%	98,720	100,190
Travel & Mileage	7,223	3,150	6,300	8,200	6,300	-23.17%	6,350	6,400
Community Promotion	14,353	29,751	51,750	53,500	54,000	0.93%	55,000	56,000
Appreciation Banquet	11,158	-	840	10,000	10,000	0.00%	10,000	10,000
Firefighters Banquet	17,307	15,757	21,420	21,420	21,850	2.01%	22,290	22,290
Printing & Publishing	142,928	126,661	163,100	163,660	164,890	0.75%	168,220	171,040
Books & Magazines	8,381	7,099	13,160	14,885	14,220	-4.47%	14,270	10,320
Other Fees	97,380	120,413	135,000	135,000	138,000	2.22%	141,000	144,000
Public Utilities	1,940,800	1,716,764	1,995,780	2,211,930	2,150,260	-2.79%	2,213,970	2,267,000
Rentals	10,205	10,800	14,000	14,000	15,000	7.14%	16,000	17,000
Rentals-Internal	2,694,320	2,672,583	3,019,820	3,207,100	3,403,970	6.14%	3,438,430	3,522,130
Miscellaneous	1,610,066	1,637,334	2,302,310	2,308,010	1,886,360	-18.27%	1,920,280	1,948,950
Membership & Dues	111,246	105,178	138,230	141,710	144,440	1.93%	146,480	148,360
Education & Training	269,682	221,482	267,050	315,460	317,560	0.67%	312,910	316,750
Vehicle Allowance	53,959	52,511	59,880	54,800	66,750	21.81%	66,750	66,750
Other	85,760	73,137	93,690	103,570	122,200	17.99%	118,080	118,270
Legal Notices	5,848	6,027	4,700	4,100	4,700	14.63%	4,700	4,700
Banking fees	80,319	109,247	84,800	89,800	90,800	1.11%	91,800	92,800
Tax Refunds	127,899	19,393	75,000	75,000	75,000	0.00%	75,000	75,000
Bad Debt	-	-	-	-	60,000	100.00%	12,000	12,000
Total - Other Service Charges	15,412,431	16,029,632	18,254,030	18,956,583	19,653,720	3.68%	19,770,980	20,047,110
TOTAL EXPENDITURES	50,984,099	53,344,282	55,905,930	60,543,503	63,848,030	5.46%	64,521,550	65,973,790
<u>OTHER FINANCING USES</u>								
Operating Transfers Out	7,410,000	4,668,860	2,200,000	3,835,410	1,635,410	-57.36%	-	-
TOTAL - GENERAL FUND	\$ 58,394,099	\$ 58,013,142	\$ 58,105,930	\$ 64,378,913	\$ 65,483,440	1.72%	\$ 64,521,550	\$ 65,973,790



Council and Executive Administration

CITY COUNCIL

Mayor | Dane Slater

Mayor Pro Tem | Edna Abraham

Council Member | Ethan Baker

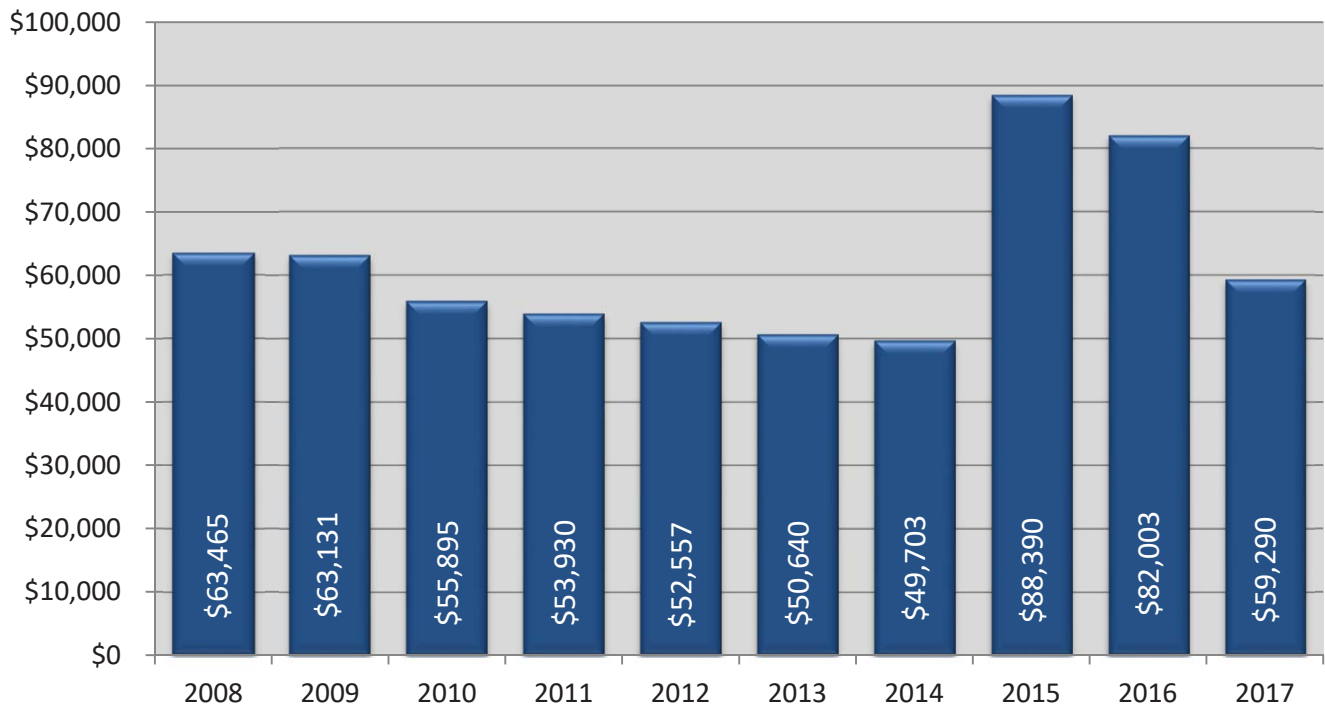
Council Member | David Hamilton

Council Member | Dave Henderson

Council Member | Ellen Hodorek

Council Member | Ed Pennington

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

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 102 Council								
101.102.00.102								
PERSONAL SERVICES	\$ 15,842	\$ 15,846	\$ 14,760	\$ 15,840	\$ 15,840	0.00%	\$ 16,240	\$ 16,640
SUPPLIES	6,320	2,955	2,000	2,550	2,600	1.96%	2,650	2,700
OTHER SERVICE CHARGES	59,841	40,489	65,190	66,690	66,170	-0.78%	67,360	68,570
Department Total: Council	\$ 82,003	\$ 59,290	\$ 81,950	\$ 85,080	\$ 84,610	-0.55%	\$ 86,250	\$ 87,910

CITY MANAGER

Acting City Manager | Mark F. Miller

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

City Manager

DEPARTMENT FUNCTIONS (cont.)

- *Employee Retirement System*
 - √ Administers the pension plans
 - √ Prepares meeting agendas
 - √ Manages investment of fund

PERFORMANCE INDICATORS

Performance Indicators	2015/16 Actual	2016/17 Actual	2017/18 Projected	2018/19 Budget
# of Regular Council Meetings	26	26	26	26
# of Agenda Items Prepared	644	1,200	1,200	1,200
# of Employees' Retirement System Board Meetings	12	12	12	12
# of Downtown Development Authority Meetings	3	5	4	4
# of Brownfield Redevelopment Authority Meetings	3	3	3	3
# of Local Development Finance Authority Meetings	2	2	2	2
# of Labor Contracts Settled	4	0	1	2
# of Business Contacts	158	162	160	155
# of Business Attraction Contacts	76	72	70	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

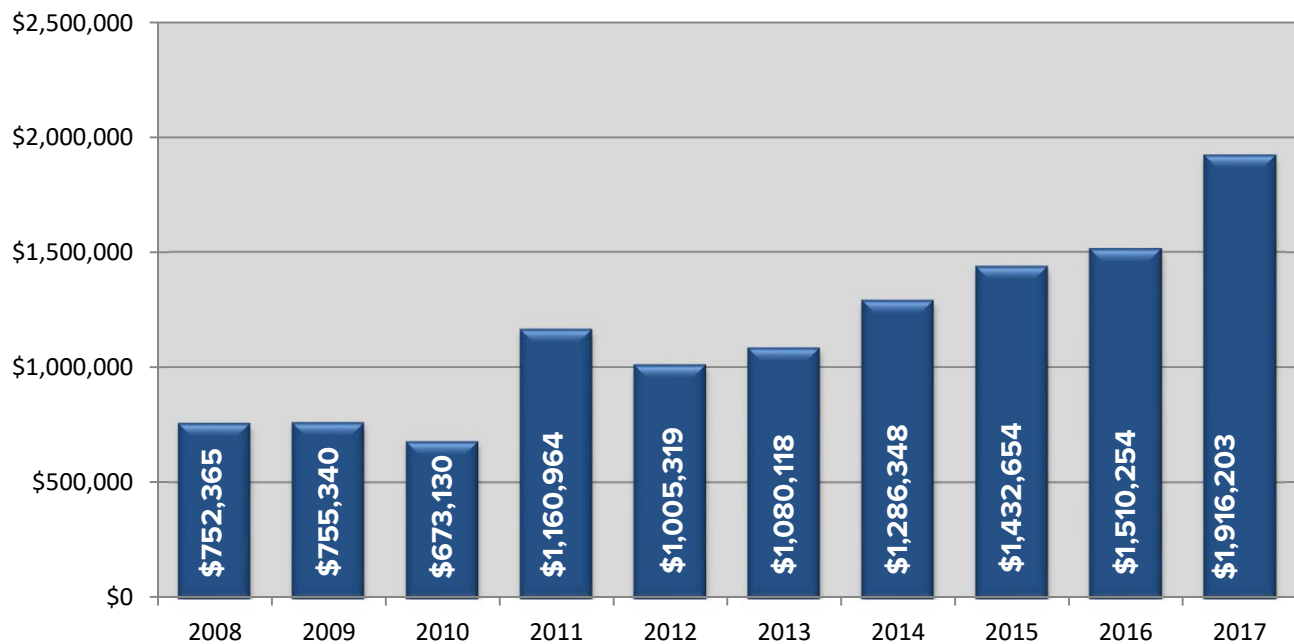
- Significant Notes - 2018/19 Budget Compared to 2017/18 Budget**

Personal services decreased due to transfer of Customer Service Coordinator for the East Entrance from the City Manager's office to the Clerk's office. Other Service charges increased due to budget for mobile phone app design and education and training expenditures.

Positions	2016 Budget		2017 Budget		2018 Budget		2019 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
City Manager's Office	8	1.9	10	1	10	2	9	1.4
Total Department	8	1.9	10	1	10	2	9	1.4

- Operating Budget History**

* 2011 Incorporated Community Affairs Department



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

City Manager

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 172 City Manager								
101.1/2.00.1/2								
Personal Services	\$ 1,224,574	\$ 1,403,727	\$ 1,333,290	\$ 1,527,940	\$ 1,522,600	-0.35%	\$ 1,562,610	\$ 1,603,720
Supplies	29,332	36,971	48,300	34,300	34,900	1.75%	35,700	36,300
Other Service Charges	256,348	475,505	310,020	324,800	360,860	11.10%	321,860	327,200
Department Total: City Manager	\$ 1,510,254	\$ 1,916,203	\$ 1,691,610	\$ 1,887,040	\$ 1,918,360	1.66%	\$ 1,920,170	\$ 1,967,220

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	2015/16 Actual	2016/17 Actual	2017/18 Projected	2018/19 Budget
Birth Certificate Requests Processed	3,864	3,915	3,520	4,000
Death Certificate Requests Processed	1,462	1,498	1,490	1,500
Elections Conducted	3	2	2	2
Voter Transactions Processed	11,093	17,638	13,660	17,000
Absent Voter Ballots Processed	20,265	18,663	5,760	15,000
Business Licenses Issued	201	197	210	200
Freedom of Information Act Requests Processed	265	282	290	300
Passport Photos Taken	788	580	470	500
Mail Room and Duplicating-All Operations (copies, business cards, laminating, mail)	214,849	204,603	107,500	107,000
City Council Agenda Packets Prepared	43	40	40	40
Legal Notices Prepared	69	78	80	90
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%	74%	30%	65%

Notes on Performance Indicators

- Duplicating functions decreased due to outsourcing business cards and decentralizing copying services
- Voter turnout increases in 2018/19 due to the August State Primary and the November Gubernatorial Elections that are expected to draw higher numbers of voters than average due to political climate

City Clerk's Office & Elections

SUMMARY OF BUDGET CHANGES

- Significant Notes - 2018/19 Budget Compared to 2017/18 Budget*

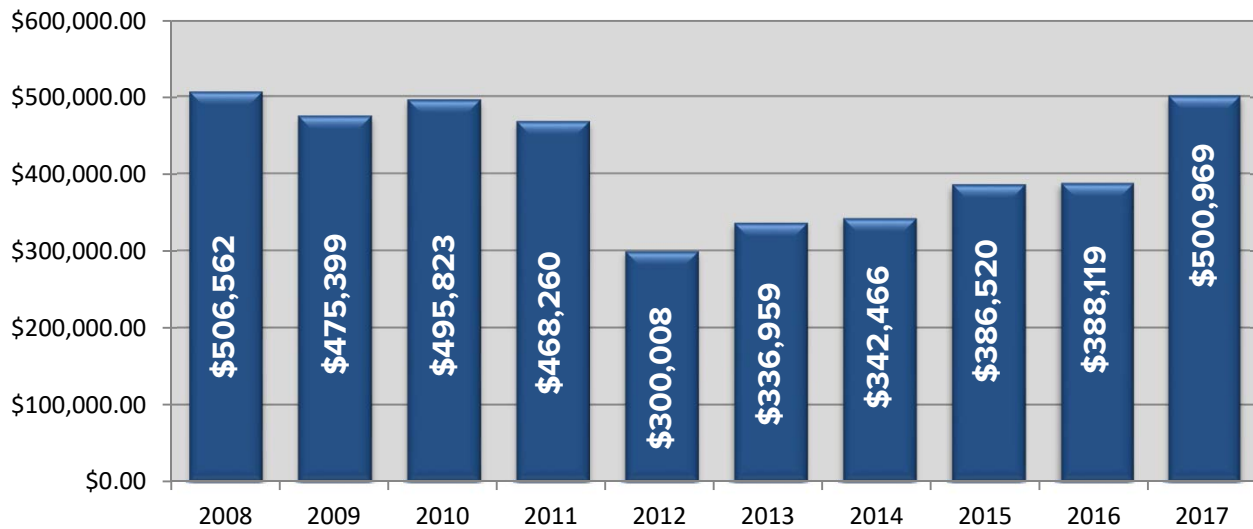
Personal Services:

Addition of the Customer Service Coordinator to the City Clerk's Office is reflected in the increase of Full Time positions for 2018/19. A previously unfilled Part-Time position in Elections will be filled in 2018/19. Increase in the need for election workers due to the two major elections in 2018 are reflected in the increased budget for Elections Personal Services along with slight increases in overtime for Full Time positions.

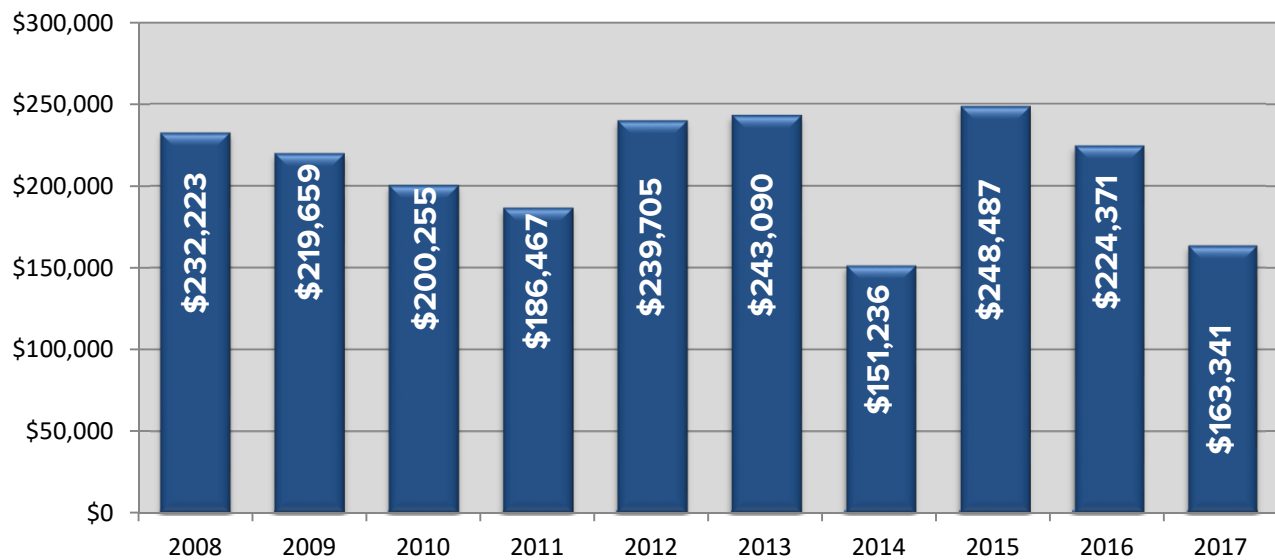
Personnel Summary	2016 Budget		2017 Budget		2018 Budget		2019 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
City Clerks Office	3	0.5	3	0.2	3	0.3	4	0.3
Elections	1	1	1	2	1	0.9	1.29	2.1
Total Department	4	1.5	4	2.2	4	1.2	5.29	2.4

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

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 215 City Clerk								
Business Unit: 215 City Clerk								
101.215.00.215								
Personal Services	\$ 325,903	\$ 443,863	\$ 511,220	\$ 464,640	\$ 612,750	31.88%	\$ 628,920	\$ 645,550
Supplies	12,546	8,183	8,600	8,800	8,600	-2.27%	8,600	8,600
Other Service Charges	49,671	48,923	54,830	52,900	58,780	11.12%	59,590	60,690
Business Unit Total: City Clerk	388,119	500,969	574,650	526,340	680,130	29.22%	697,110	714,840
Business Unit: 262 Elections								
101.215.00.262								
Personal Services	171,249	118,215	42,520	21,890	161,770	639.01%	88,860	114,420
Supplies	19,139	19,828	20,200	20,200	38,000	88.12%	24,200	25,200
Other Service Charges	33,982	25,298	50,200	42,180	57,340	35.94%	57,590	57,810
Business Unit Total: Elections	224,371	163,341	112,920	84,270	257,110	205.10%	170,650	197,430
Department Total: City Clerk	\$ 612,490	\$ 664,310	\$ 687,570	\$ 610,610	\$ 937,240	53.49%	\$ 867,760	\$ 912,270

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
- » Participates on Drug Therapy Court Team

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

Performance Indicators	2015/16 Actual	2016/17 Actual	2017/18 Projected	2018/19 Budget
District Court Appearances	7,621	9,022	8,310	8,000
Formal Citizen Complaints of Criminal Activities	48	66	60	60
Cost Recovery for City *	\$91,170	\$61,493	\$60,128	\$60,000
Warrants Issued	252	255	250	250
City Council Agenda Items	143	152	164	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

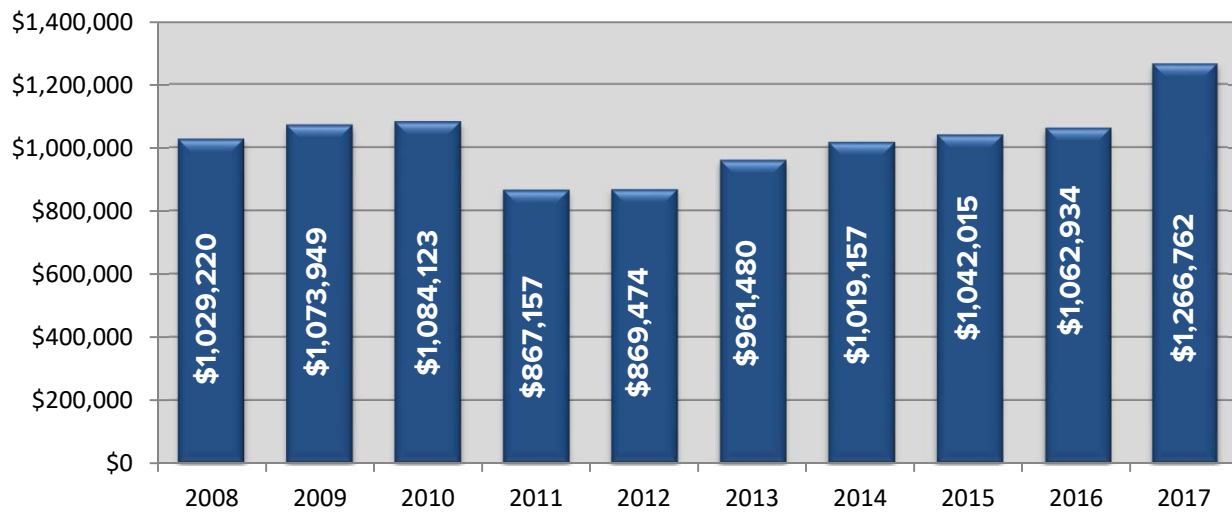
SUMMARY OF BUDGET CHANGES

- Significant Notes - 2018/19 Budget Compared to 2017/18 Budget**

No items noted.

Personnel Summary	2016 Budget		2017 Budget		2018 Budget		2019 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
City Attorney's Office	7	0.1	7	0.3	7	0	7	0.3
Total Department	7	0.1	7	0.3	7	0	7	0.3

- Operating Budget History**



General Fund
General Government/Council & Exec Admin

City Attorney

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 266 City Attorney								
101.266.00.266								
Personal Services	\$ 929,070	\$ 936,375	\$ 972,490	\$ 988,550	\$ 1,082,110	9.46%	\$ 1,110,610	\$ 1,139,900
Supplies	8,325	6,442	36,200	26,580	6,200	-76.67%	6,200	6,200
Other Service Charges	125,538	323,945	227,610	274,430	225,250	-17.92%	228,150	229,150
Department Total: City Attorney	\$ 1,062,934	\$ 1,266,762	\$ 1,236,300	\$ 1,289,560	\$ 1,313,560	1.86%	\$ 1,344,960	\$ 1,375,250

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	2015/16 Actual	2016/17 Actual	2017/18 Projected	2018/19 Budget
Full-time New Hires	23	18	20	20
Full-time Promotions	20	19	26	25
Part-time/Temporary New Hires	133	262	250	250
Part-time/Temporary Rehires	62	64	65	75
Full-time Separations (not Retirement)	3	5	12	10
Full-time Retirements	6	7	6	10
Part-time/Temporary Separations	184	325	290	300
Other Employment Record Changes	1206	1502	1875	2000
Employment Applications	625	1039	850	1000
Occupational Injury or Illness Claims	39	39	75	50
Average Number of Work Days to Complete Internal Recruitment	26	19	22	20
Average Number of Work Days to Complete External Recruitment	46	32	44	30
Full-time Employee Turnover Rate (Excluding Retirements)	1.0%	1.5%	3.6%	2.5%
Workplace Safety/Training Programs	15	9	10	10
Employee Involvement Activities	8	6	10	10
Employee Wellness Activities/Events	18	9	16	20

Human Resources

SUMMARY OF BUDGET CHANGES

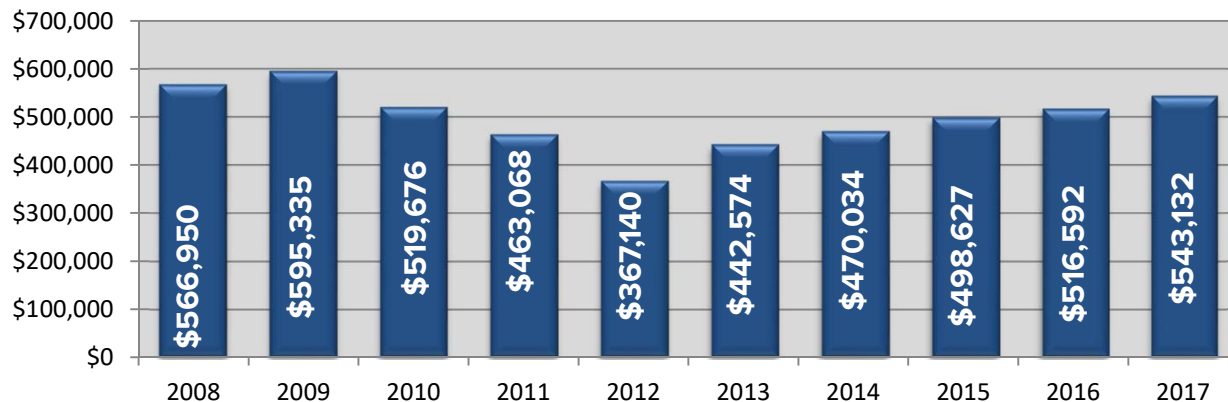
- Significant Notes - 2018/19 Budget Compared to 2017/18 Budget**

Other Service Charges:

There is a 105% increase in Health Services Physical Exams due to anticipated increased pre-employment examination costs and the addition of Hepatitis A vaccinations for employees in at-risk positions.

Personnel Summary	2016 Budget		2017 Budget		2018 Budget		2019 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Human Resources	4	0.5	4	0.6	4	0.6	4	0.5
Total Department	4	0.5	4	0.6	4	0.6	4	0.5

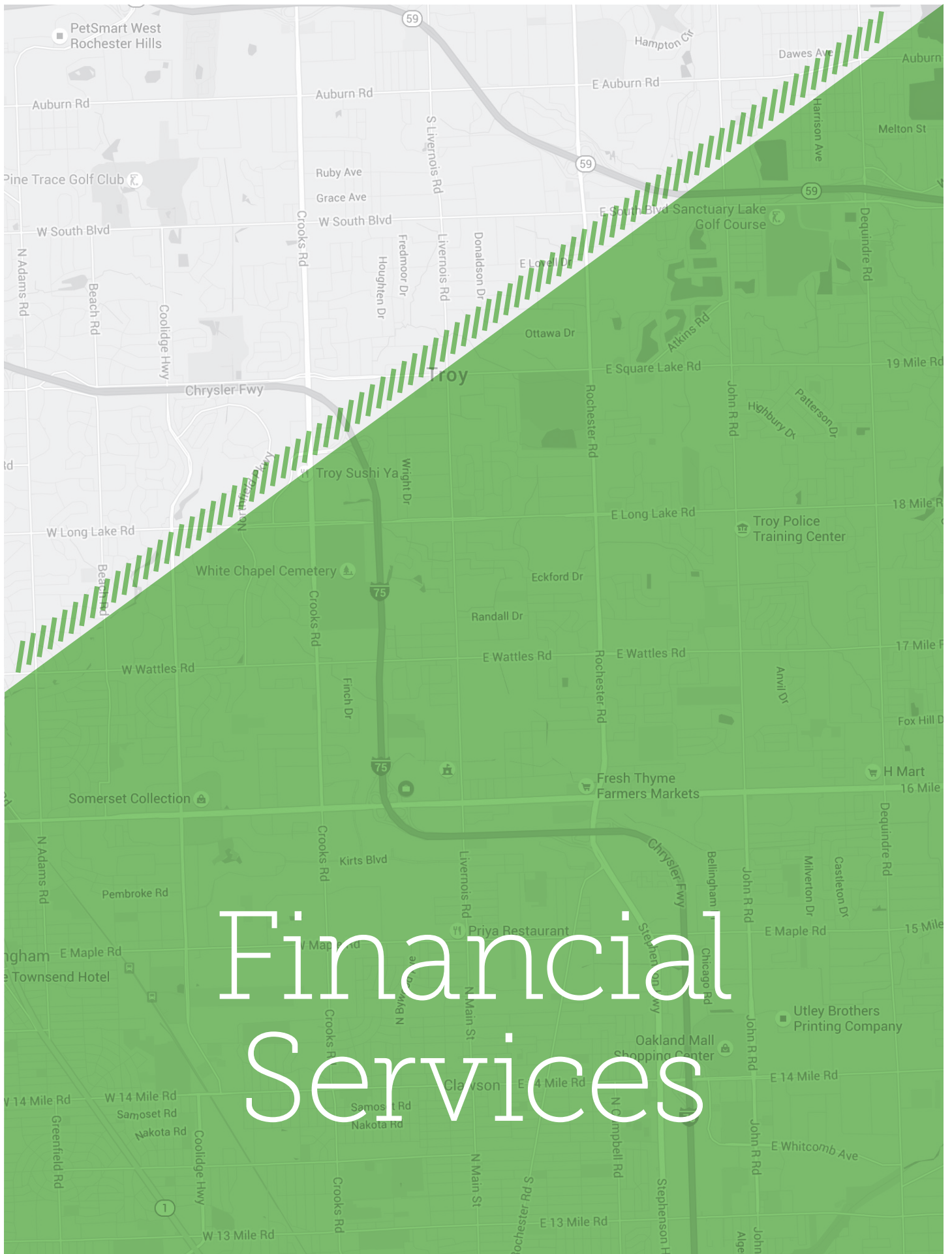
- Operating Budget History**



General Fund

Human Resources

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 270 Human Resources								
101.270.00.270								
Personal Services	\$ 436,315	\$ 456,089	\$ 470,240	\$ 487,680	\$ 515,890	5.78%	\$ 529,540	\$ 543,550
Supplies	5,867	8,510	5,440	5,700	8,750	53.51%	3,810	3,900
Other Service Charges	74,410	78,534	111,490	128,530	129,010	0.37%	109,500	110,550
Department Total: Human Resources	\$ 516,592	\$ 543,132	\$ 587,170	\$ 621,910	\$ 653,650	5.10%	\$ 642,850	\$ 658,000



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

Performance Indicators	2015/16 Actual	2016/17 Actual	2017/18 Projected	2018/19 Budget
Payroll and Retiree Checks Processed	26,497	27,665	27,800	27,900
Bank Statements and Investments Reconciled	47	43	42	42
P-Card Statements Processed Per Year	609	602	645	650
Invoices Issued	10,121	10,363	10,400	10,500
Accounts Payable Invoices Processed	21,079	19,234	19,500	19,600

Notes on Performance Indicators

None

Finance and Accounting

SUMMARY OF BUDGET CHANGES

- Significant Notes - 2018/19 Budget Compared to 2017/18 Budget*

Other Service Charges:

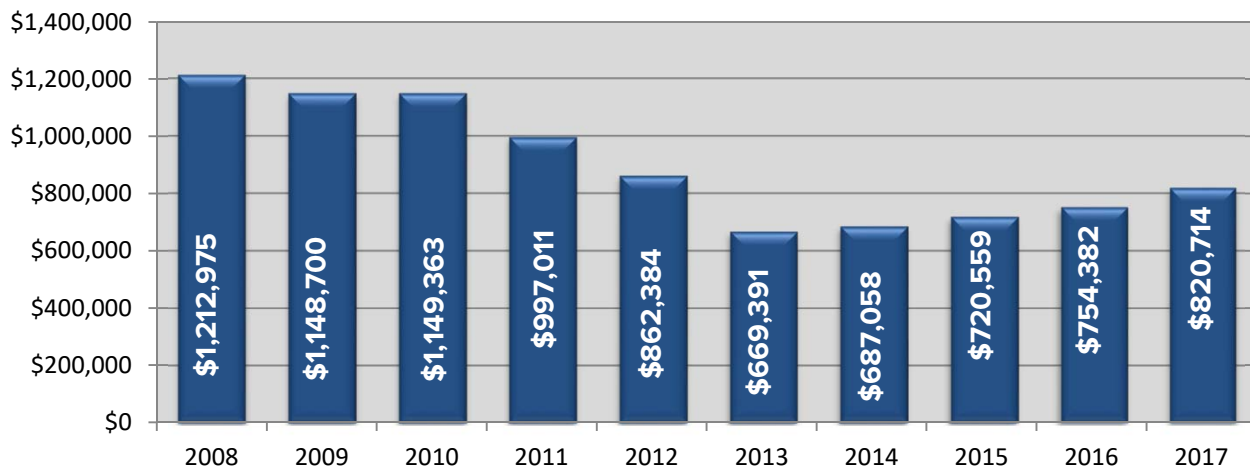
Repair and Maintenance Expendable - Increase \$8,000 for paint and carpet of department.

Education and Training - Increase \$4,700 due to tuition reimbursement program.

Bad Debt - Recognize \$60 thousand for several years of dated receivables deemed uncollectable.

Personnel Summary	2016 Budget		2017 Budget		2018 Budget		2019 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Accounting	6	1.6	6	1.6	6	1.6	6	1.6
Total Department	6	1.6	6	1.6	6	1.6	6	1.6

- Operating Budget History*



Finance Department

General Fund
General Government/Financial Services

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 191 Finance								
Business Unit: 191 Accounting								
Department								
101.191.00.191								
Personal Services	\$ 642,092	\$ 670,472	\$ 675,830	\$ 743,530	\$ 788,580	6.06%	\$ 809,420	\$ 830,810
Supplies	9,667	11,624	12,000	14,020	22,000	56.92%	14,250	14,500
Other Service Charges	45,623	81,619	54,790	61,190	127,770	108.81%	80,570	81,380
Business Unit Total: Accounting								
Department	697,382	763,714	742,620	818,740	938,350	14.61%	904,240	926,690
Business Unit: 192 Risk Management								
101.191.00.192								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	-	-	-	-	-	0.00%	-	-
Business Unit Total: Risk Management	-	-	-	-	-	0.00%	-	-
Business Unit: 223 Independent Auditor								
101.191.00.223								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	57,000	57,000	53,000	58,140	59,160	1.75%	60,320	61,520
Business Unit Total: Independent Auditor	57,000	57,000	53,000	58,140	59,160	1.75%	60,320	61,520
Department Total: Finance Department	\$ 754,382	\$ 820,714	\$ 795,620	\$ 876,880	\$ 997,510	13.76%	\$ 964,560	\$ 988,210

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

Performance Indicator	2015/16 Actual	2016/17 Actual	2017/18 Projected	2018/19 Budget
Tax Bill Payments Taken in the Treasurer's Office	21,409	20,150	20,000	20,000
Tax Bill Payments Processed Electronically and at the Lockbox	40,466	40,960	41,000	41,000
Tax Bill Payments Processed Online/IVR Credit Card	810	1,230	1,250	1,300
Tax Adjustments Processed	361	360	300	300
Total % of Tax Roll Collected	99.85	99.90	99.80	99.80
Water Bill Payments Taken in the Treasurer's Office	17,234	16,180	16,400	16,400
Water Bill Payments Processed at the Lockbox	65,876	63,440	62,400	62,000
Water Bill Payments Processed Online/IVR Credit Card	NA	3,450	3,500	3,900
Water Bill Payments Processed through Auto Pay	19,697	21,350	22,000	22,000
Customers Enrolled in Auto Pay	4,900	5,380	5,400	5,400
Special Assessment Billed	24	21	5	0
Number of Invoices Processed	11,500	8,000	9,000	9,000
Number of Pieces of Outgoing City Mail Processed	92,386	84,200	82,000	82,000
Passport Application Accepted	2,420	1,370	1,000	1,000

Notes on Performance Indicators

None

City Treasurer's Office

SUMMARY OF BUDGET CHANGES

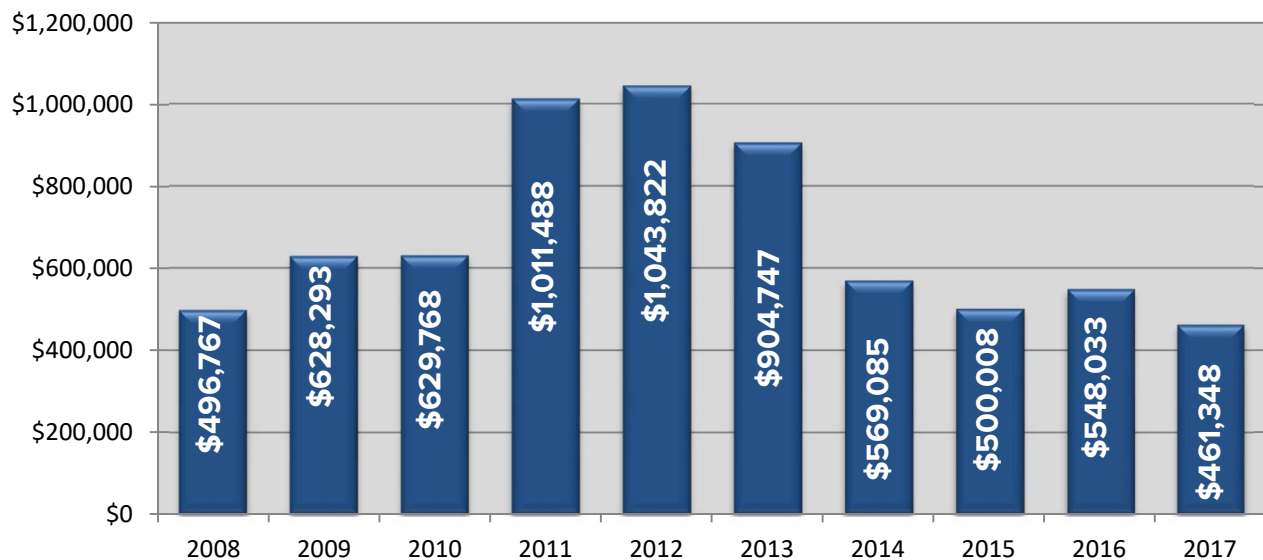
- Significant Notes - 2018/19 Budget Compared to 2017/18 Budget***

Contractual Services Office Equipment Mtnce:

A noticeable increase in this line item is due to replacing the postage machine and multifunctional printer. 4-year leases are expiring and equipment is being replaced.

Personnel Summary	2016 Budget		2017 Budget		2018 Budget		2019 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
Total Department	4	0	4	0	4	0	4	0

- Operating Budget History***



General Fund
General Government/Financial Services

Treasurer's Office

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 191 Finance/Treasury								
Business Unit: 253 Treasurer's Office								
101.191.00.253								
Personal Services	\$ 348,768	\$ 375,490	\$ 378,510	\$ 402,710	\$ 422,430	4.90%	\$ 433,870	\$ 445,600
Supplies	30,636	27,656	38,000	39,200	38,000	-3.06%	38,500	38,500
Other Service Charges	168,628	58,201	125,270	125,470	127,280	1.44%	128,540	129,060
Department Total: Treasurer's Office	\$ 548,033	\$ 461,348	\$ 541,780	\$ 567,380	\$ 587,710	3.58%	\$ 600,910	\$ 613,160

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
- » 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

Performance Indicator	2015/16 Actual	2016/17 Actual	2017/18 Projected	2018/19 Budget
Bid/Proposals Processed	47	40	50	50
Value of Goods/Services Purchased	\$35,995,863	\$39,967,850	\$40,000,000	\$40,000,000
Bid Process Savings	\$435,687	\$438,757	\$450,000	\$450,000
% of Awards Without Dispute	100%	100%	100%	100%
P-Card Transactions per Year	5,397	5,398	5,500	5,600
Total P-Card Spending	\$1,249,183	\$1,883,101	\$1,900,000	\$2,000,000
Average Amount of P-Card Transactions	\$235	\$349	\$350	\$350
Vending Commissions	\$11,795	\$11,150	\$12,000	\$15,000
Office Supply Rebates	\$5,310	\$760	\$1,000	\$1,000

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

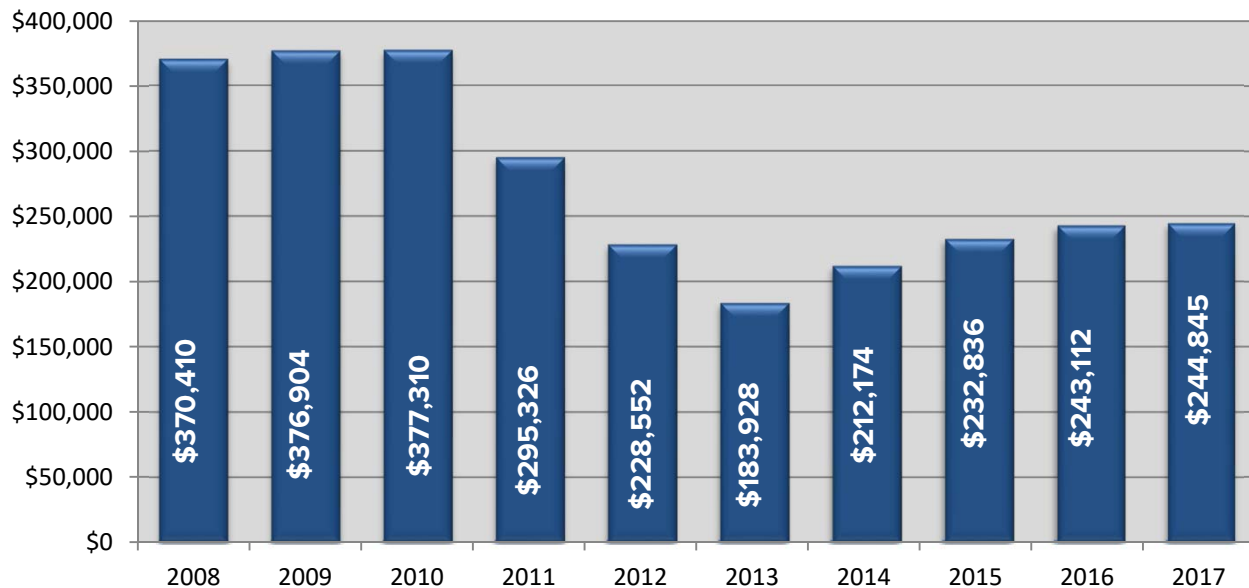
SUMMARY OF BUDGET CHANGES

- Significant Notes - 2018/19 Budget Compared to 2017/18 Budget*

Additional full-time Associate Buyer position.

Personnel Summary	2016 Budget		2017 Budget		2018 Budget		2019 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Purchasing Department	2	0.7	2	0.7	2	1.6	3	1.6
Total Department	2	0.7	2	0.7	2	1.6	3	1.6

- Operating Budget History*



General Fund
General Government/Financial Services

Purchasing Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 233 Purchasing								
Business Unit: 233 Purchasing								
101.233.00.233								
Personal Services	\$ 225,996	\$ 227,232	\$ 223,940	\$ 272,510	\$ 360,310	32.22%	\$ 292,250	\$ 299,920
Supplies	3,366	3,639	3,800	3,800	3,900	2.63%	4,000	4,100
Other Service Charges	13,751	13,973	15,170	18,590	18,940	1.88%	19,200	19,480
Department Total: Purchasing Department	\$ 243,112	\$ 244,845	\$ 242,910	\$ 294,900	\$ 383,150	29.93%	\$ 315,450	\$ 323,500

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

Performance Indicators	2015/16 Actual	2016/17 Actual	2017/18 Projected	2018/19 Budget
Board of Review Appointments	127	72	65	50
Assessor Review Changes	10	10	10	10
Personal Property Audits	150	150	150	150
Principal Residence Exemptions	2,774	2,536	2,600	2,600
Transfer Affidavits and Deeds	4,624	4,536	4,500	4,500
Property Description Changes	300	130	200	200
Total State Equalized Value	\$4,827,541,740	\$5,626,878,870	\$5,894,241,720	\$6,102,808,701
Small Claims Tribunal Appeals	55	34	25	25
Full Tribunal Appeals	64	31	30	30
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.

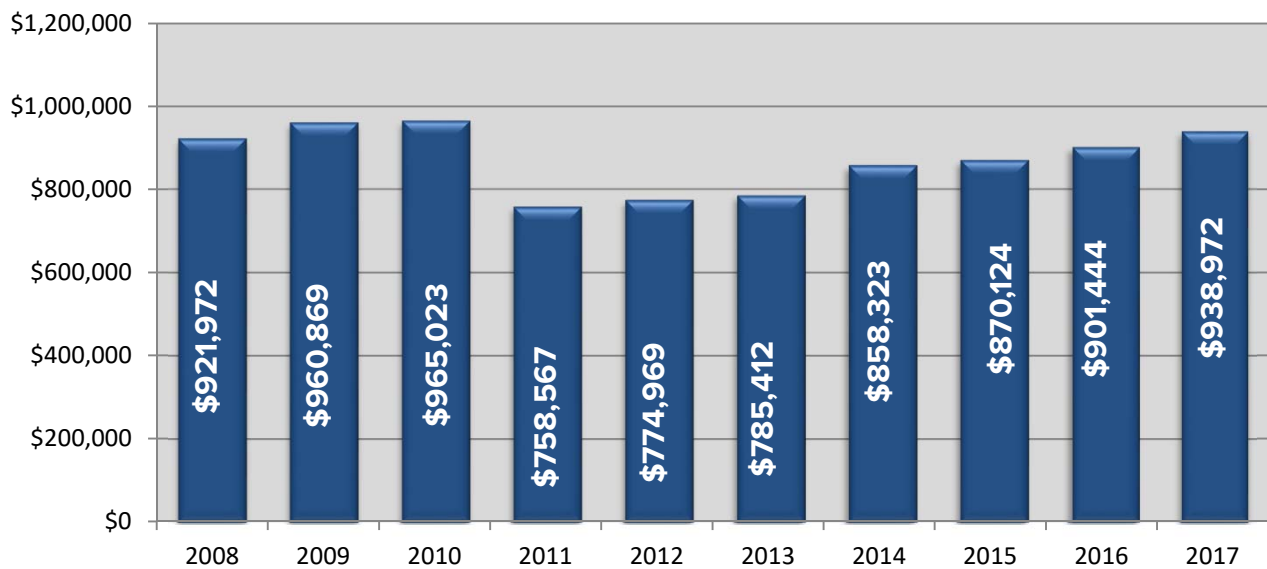
City Assessor's Office

SUMMARY OF BUDGET CHANGES

- Significant Notes - 2018/19 Budget Compared to 2017/18 Budget***

Personnel Summary	2016 Budget		2017 Budget		2018 Budget		2019 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
City Assessor's Office	6	0.7	7	0	7	0	7	0
Total Department	6	0.7	7	0	7	0	7	0

- Operating Budget History***



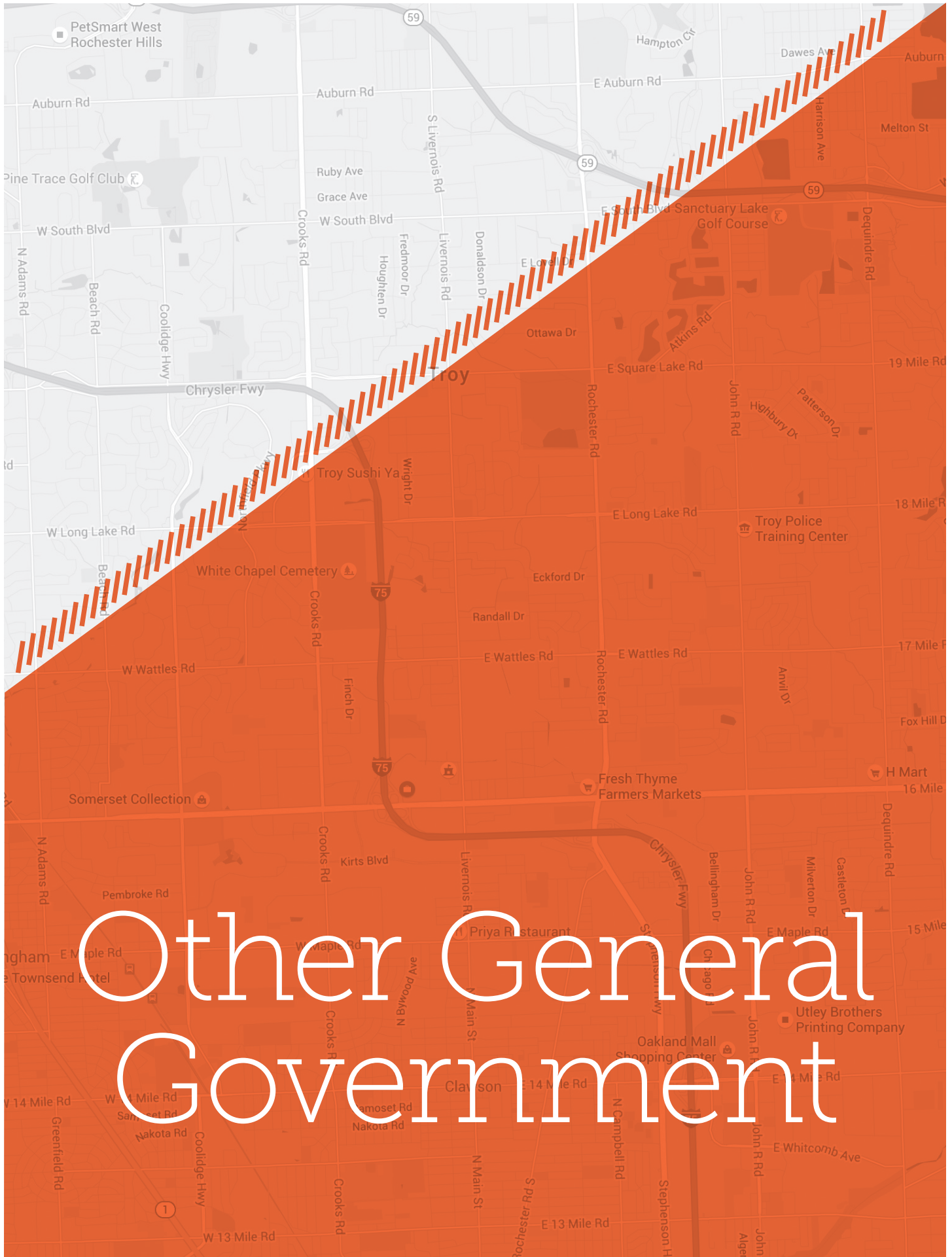
General Fund
General Government/Financial Services

Assessing Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 257 Assessing Department								
Business Unit: 247 Board of Review								
101.257.00.247								
Personal Services	\$ 970	\$ 1,699	\$ 930	\$ 1,940	\$ 1,940	0.00%	\$ 1,990	\$ 2,040
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	301	232	550	550	550	0.00%	550	550
Business Unit Total: Board of Review	1,271	1,931	1,480	2,490	2,490	0.00%	2,540	2,590
Business Unit: 257 Assessor's Office								
101.257.00.257								
Personal Services	803,294	843,867	818,700	938,940	936,440	-0.27%	961,460	987,180
Supplies	20,597	16,869	22,680	23,370	24,660	5.52%	26,020	26,020
Other Service Charges	76,281	76,305	80,080	80,300	81,000	0.87%	81,940	82,690
Business Unit Total: Assessor's Office	900,173	937,041	921,460	1,042,610	1,042,100	-0.05%	1,069,420	1,095,890
Department Total: Assessing Department	\$ 901,444	\$ 938,972	\$ 922,940	\$ 1,045,100	\$ 1,044,590	-0.05%	\$ 1,071,960	\$ 1,098,480



WE WANT EVERYONE
TO CHOOSE TROY



CITY BUILDINGS

Public Works Director | Kurt Bovensiep
Facilities & Grounds Operations Manager | Dennis Trantham

Personnel Summary	2016 Budget		2017 Budget		2018 Budget		2019 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
City Hall								
Total Department	√	√	√	√	√	√	√	√

√ See Building Operations Fund (Internal Service Fund)

General Fund
General Government/Other General

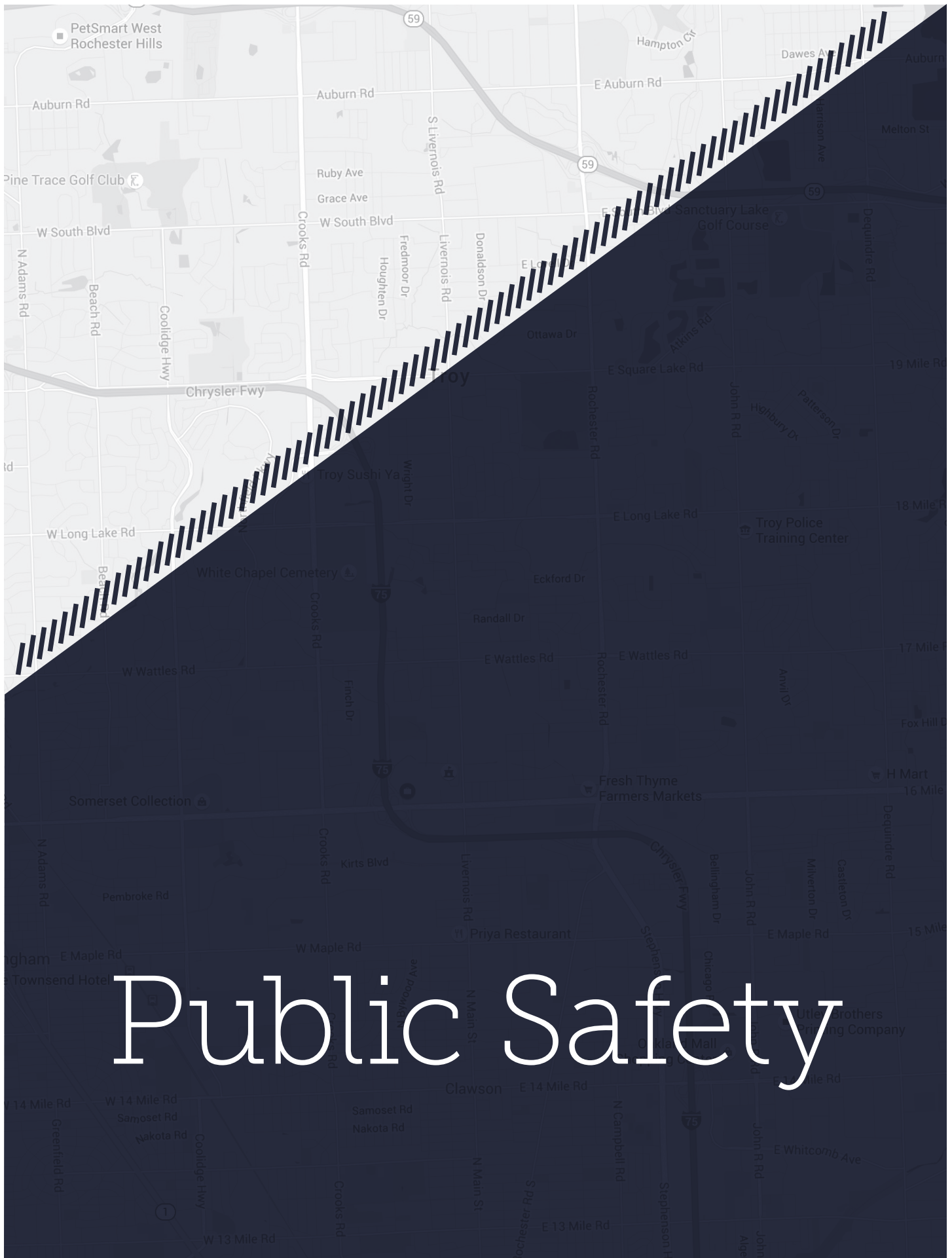
Building Operations

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 264 Building Operations								
Business Unit: 261 Fire/Police Training Center 101.264.00.261								
Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -
Supplies	2,991	2,857	3,100	5,320	5,430	2.07%	5,540	5,650
Other Service Charges	71,640	75,035	83,930	102,880	106,020	3.05%	108,480	110,980
Business Unit Total:								
Fire/Police Training Ctr.	74,631	77,892	87,030	108,200	111,450	3.00%	114,020	116,630
Business Unit: 265 City Hall 101.264.00.265								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	3,912	3,217	1,000	890	35,310	#####	27,830	28,370
Other Service Charges	733,345	643,105	731,680	823,540	870,040	5.65%	894,380	918,930
Business Unit Total: City Hall	737,257	646,322	732,680	824,430	905,350	9.82%	922,210	947,300

General Fund
General Government/Other General

Building Operations

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Chang e	2020 Proposed	2021 Proposed
Business Unit: 277 District Court								
101.264.00.277								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	18,470	17,335	17,800	21,500	21,360	-0.65%	21,830	22,300
Other Service Charges	186,350	188,499	202,850	241,630	256,750	6.26%	262,400	268,100
Business Unit Total: District Court	204,820	205,834	220,650	263,130	278,110	5.69%	284,230	290,400
Department Total: Building Operations	\$ 1,016,708	\$ 930,048	\$ 1,040,360	\$ 1,195,760	\$ 1,294,910	8.29%	\$ 1,320,460	\$ 1,354,330



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	2015/16 Actual	2016/17 Actual	2017/18 Projected	2018/19 Budget
OWI Arrests	413	390	346	350
Underage Alcohol Enforcement	59	91	38	40
Liquor Law Violations	13	3	4	4
Alcohol Compliance Inspections Resulting in Violations	4	3	4	4
Group A Crimes Occurring	2,933	3,083	3,114	3,100
Group A Crimes Arrests	1,251	1,271	1,186	1,200
Group A Crime Clearance Rate	43.7%	42.3%	38.3%	42.0%
Directed/Selective Traffic Enforcement Details	1	256	296	300
Hazardous Traffic Citations	5,283	4,508	4,686	4,600
Non-Hazardous Traffic Citations	1,221	644	334	500
License, Title, Registration Citations	3,528	2,663	2,532	2,500
Obligated Time	69.8%	68.0%	71.0%	70.0%
Traffic Crashes (Reportable)	3,174	3,300	3,688	3,600
Request for Ambulance With Officer	2,765	1,892	1,976	1,900
Volunteer Hours	4,275.00	4,071.00	4,434.00	4,500.00
Online (Web Based Reports Taken)	432	403	420	430

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

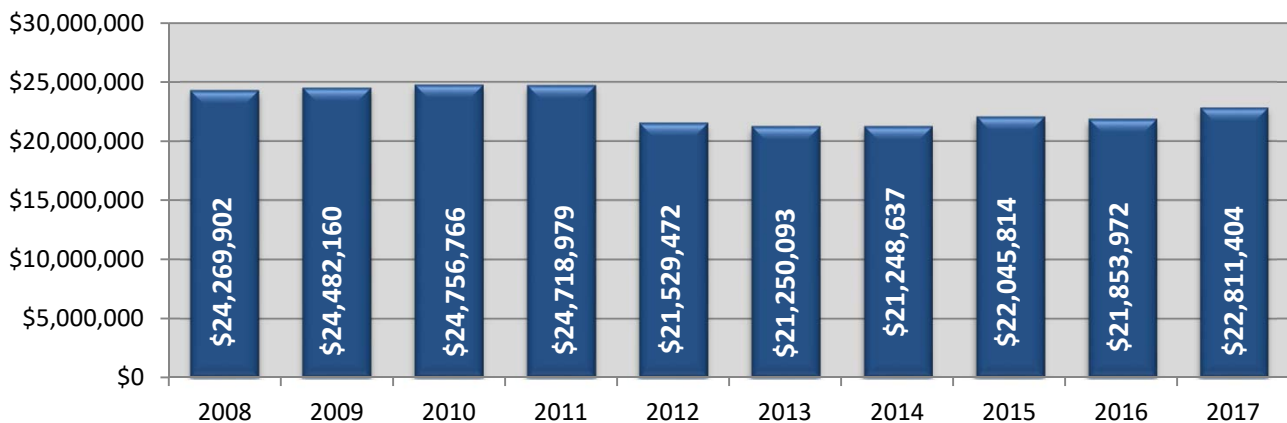
SUMMARY OF BUDGET CHANGES

- Significant Notes - 2018/19 Budget Compared to 2017/18 Budget**

- * The total Police Department Operating Budget is \$26.9 million. This is a \$1.6 million or 6.5% increase over the prior year. This increase is primarily due to costs in the Executive Administration division (\$368 thousand) and the Operations division (\$1.1 million). Personal Services is the largest cost in the department at \$23.2 million, an increase of \$1.3 million or 5.9%.
- * Full-time personnel numbers have increased by 4 positions that will staff the new Directed Traffic Safety Unit. There are now 162 full-time employees. Personal Services continue to be the largest portion of the Police Department budget, comprising 86.1% of the entire department budget.

Personnel Summary	2016 Budget		2017 Budget		2018 Budget		2019 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Police Department	153.5	8.3	152	9.1	158	8.1	158	8.1
Total Department	153.5	8.3	152	9.1	158	8.1	158	8.1

- Operating Budget History**



**General Fund
Public Safety**

Police Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 301 Police Department								
Division: 10 Executive Administration								
Business Unit: 305 Police Administration 101.301.10.305								
Personal Services	\$ 881,357	\$ 939,750	\$ 1,149,770	\$ 934,150	\$ 1,197,080	28.15%	\$ 1,001,350	\$ 1,021,540
Supplies	100,516	98,873	102,700	108,590	110,950	2.17%	113,110	115,310
Other Service Charges	476,210	467,416	552,080	618,920	648,770	4.82%	649,790	662,390
Business Unit Total: Police Administration	1,458,083	1,506,039	1,804,550	1,661,660	1,956,800	17.76%	1,764,250	1,799,240

**General Fund
Public Safety**

Police Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 320 Professional Standards								
101.301.10.320								
Personal Services	680,186	713,743	510,120	743,070	806,470	8.53%	827,910	849,930
Supplies	1,682	2,010	1,800	1,800	1,800	0.00%	1,800	1,800
Other Service Charges	18,853	21,096	21,000	17,420	27,020	55.11%	27,360	28,110
Business Unit Total: Professional Standards	700,721	736,849	532,920	762,290	835,290	9.58%	857,070	879,840
Division Total: Executive Administration	2,158,804	2,242,888	2,337,470	2,423,950	2,792,090	15.19%	2,621,320	2,679,080
Division: 11 Investigative/Admin Services								
Business Unit: 307 Investigations Services								
101.301.11.307								
Personal Services	1,820,714	1,895,936	1,726,030	2,049,500	2,042,770	-0.33%	2,096,600	2,151,880
Supplies	12,305	16,015	16,300	16,500	16,660	0.97%	16,800	16,950
Other Service Charges	116,690	124,981	131,800	136,000	142,400	4.71%	144,190	148,200
Business Unit Total: Investigations Services	1,949,709	2,036,931	1,874,130	2,202,000	2,201,830	-0.01%	2,257,590	2,317,030

**General Fund
Public Safety**

Police Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 308								
Crime Information Unit								
101.301.11.308								
Personal Services	452,120	420,761	405,170	469,050	468,670	-0.08%	480,980	493,630
Supplies	3,910	3,665	4,300	4,300	4,340	0.93%	4,370	4,410
Other Service Charges	22,963	22,961	22,800	23,380	19,650	-15.95%	19,750	20,450
Business Unit Total:								
Crime Information Unit	478,993	447,388	432,270	496,730	492,660	-0.82%	505,100	518,490
Business Unit: 309								
Special Investigations Unit								
101.301.11.309								
Personal Services	509,587	528,546	396,330	545,920	517,740	-5.16%	531,370	545,380
Supplies	2,866	3,947	3,750	8,270	3,800	-54.05%	3,820	3,850
Other Service Charges	38,366	37,332	37,250	38,090	38,760	1.76%	39,260	40,360
Business Unit Total:								
Special Investigations Unit	550,820	569,825	437,330	592,280	560,300	-5.40%	574,450	589,590

**General Fund
Public Safety**

Police Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 311 Drug Enforcement (DEA)								
101.301.11.311								
Personal Services	169,804	189,127	165,220	175,310	186,450	6.35%	191,410	196,490
Supplies	1,924	4,531	9,000	9,280	9,460	1.94%	9,640	9,820
Other Service Charges	20,956	19,951	20,200	21,050	21,380	1.57%	21,730	22,280
Business Unit Total: Drug Enforcement (DEA)	192,683	213,608	194,420	205,640	217,290	5.67%	222,780	228,590
Business Unit: 321 Criminal Justice Training								
101.301.11.321								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	19,214	22,711	21,730	21,730	22,170	2.02%	22,620	23,080
Business Unit Total: Criminal Justice Training	19,214	22,711	21,730	21,730	22,170	2.02%	22,620	23,080

**General Fund
Public Safety**

Police Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 322								
Training Section								
101.301.11.322								
Personal Services	289,852	304,898	288,420	316,020	322,950	2.19%	331,420	340,120
Supplies	84,235	69,067	83,800	88,150	114,890	30.33%	91,660	93,460
Other Service Charges	19,603	17,889	19,250	20,500	20,890	1.90%	21,140	21,790
Business Unit Total:								
Training Section	393,690	391,855	391,470	424,670	458,730	8.02%	444,220	455,370
Business Unit: 324								
Emergency Response/Preparedness								
101.301.11.324								
Personal Services	76,478	79,249	80,620	79,680	86,660	8.76%	88,930	91,260
Supplies	34,090	46,607	55,000	55,400	56,510	2.00%	57,640	58,800
Other Service Charges	573	1,789	5,530	10,790	11,010	2.04%	11,120	11,240
Business Unit Total:								
Emergency Response/Preparedness	111,141	127,645	141,150	145,870	154,180	5.70%	157,690	161,300

**General Fund
Public Safety**

Police Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 326								
Records Section								
101.301.11.326								
Personal Services	539,234	526,695	564,740	623,410	664,110	6.53%	682,020	700,430
Supplies	1,458	1,516	3,800	5,320	5,410	1.69%	5,500	5,540
Other Service Charges	2,282	2,447	4,510	6,330	6,590	4.11%	6,630	6,830
Business Unit Total:								
Records Section	542,974	530,658	573,050	635,060	676,110	6.46%	694,150	712,800
Business Unit: 329								
Lockup Section								
101.301.11.329								
Personal Services	1,148,762	1,222,683	1,214,650	1,322,280	1,428,320	8.02%	1,466,750	1,506,280
Supplies	22,770	19,188	20,200	21,120	21,340	1.04%	21,990	22,440
Other Service Charges	14,021	14,291	14,600	14,650	14,870	1.50%	15,550	15,970
Business Unit Total:								
Lockup Section	1,185,553	1,256,163	1,249,450	1,358,050	1,464,530	7.84%	1,504,290	1,544,690
Business Unit: 333								
Property Section								
101.301.11.333								
Personal Services	90,871	99,397	96,770	108,670	107,470	-1.10%	110,450	113,500
Supplies	1,779	1,888	1,850	1,870	1,900	1.60%	1,920	1,950
Other Service Charges	214	254	260	270	280	3.70%	290	300
Business Unit Total:								
Property Section	92,863	101,539	98,880	110,810	109,650	-1.05%	112,660	115,750

**General Fund
Public Safety**

Police Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 334 Research & Technology								
101.301.11.334								
Personal Services	240,266	183,380	178,330	315,040	225,540	-28.41%	231,560	237,750
Supplies	17,583	27,132	2,400	24,840	25,340	2.01%	25,850	25,850
Other Service Charges	619,077	629,403	761,320	723,380	829,860	14.72%	846,480	863,420
Business Unit Total: Research & Technology	876,927	839,915	942,050	1,063,260	1,080,740	1.64%	1,103,890	1,127,020
Division Total: Investigative/Admin Services	6,394,567	6,538,237	6,355,930	7,256,100	7,438,190	2.51%	7,599,440	7,793,710
Division: 12 Operations								
Business Unit: 315 Road Patrol								
101.301.12.315								
Personal Services	7,968,158	8,701,610	8,885,810	9,928,270	10,262,910	3.37%	10,535,260	10,815,050
Supplies	186,487	205,932	225,010	178,320	241,280	35.31%	226,050	230,600
Other Service Charges	772,843	802,806	838,500	854,190	888,530	4.02%	899,730	924,400
Business Unit Total: Road Patrol	8,927,488	9,710,348	9,949,320	10,960,780	11,392,720	3.94%	11,661,040	11,970,050

**General Fund
Public Safety**

Police Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 316 K Nine								
101.301.12.316								
Personal Services	462,859	499,565	463,210	494,680	543,100	9.79%	557,180	571,640
Supplies	5,690	4,626	4,860	4,880	4,930	1.02%	4,980	5,030
Other Service Charges	48,269	63,204	62,700	62,780	69,430	10.59%	70,530	72,260
Business Unit Total: K Nine	516,818	567,395	530,770	562,340	617,460	9.80%	632,690	648,930
Business Unit: 317 Directed Patrol Unit								
101.301.12.317								
Personal Services	543,947	433,210	444,510	460,170	483,070	4.98%	496,010	509,350
Supplies	5,958	4,302	4,700	4,820	4,860	0.83%	4,910	4,960
Other Service Charges	75,717	57,696	63,100	64,070	80,350	25.41%	81,700	83,640
Business Unit Total: Directed Patrol Unit	625,622	495,207	512,310	529,060	568,280	7.41%	582,620	597,950
Business Unit: 318 Traffic Unit								
101.301.12.318								
Personal Services	253,771	269,541	265,460	282,440	749,970	165.53%	770,540	791,710
Supplies	2,318	3,542	3,600	3,710	3,750	1.08%	3,790	3,830
Other Service Charges	34,297	33,949	39,200	39,350	68,250	73.44%	69,450	71,040
Business Unit Total: Traffic Unit	290,385	307,032	308,260	325,500	821,970	152.53%	843,780	866,580

**General Fund
Public Safety**

Police Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 319								
Crossing Guards								
101.301.12.319								
Personal Services	34,142	35,699	34,270	37,850	42,380	11.97%	43,440	44,520
Supplies	300	220	300	310	320	3.23%	330	340
Other Service Charges	139	162	170	170	180	5.88%	180	190
Business Unit Total:								
Crossing Guards	34,581	36,081	34,740	38,330	42,880	11.87%	43,950	45,050
Business Unit: 325								
Communications Section								
101.301.12.325								
Personal Services	1,790,143	1,870,702	1,729,710	2,072,750	2,097,880	1.21%	2,154,740	2,213,220
Supplies	36,551	33,461	43,000	44,910	60,810	35.40%	45,580	62,680
Other Service Charges	63,342	61,500	54,900	59,620	60,860	2.08%	62,130	63,390
Business Unit Total:								
Communications Section	1,890,036	1,965,663	1,827,610	2,177,280	2,219,550	1.94%	2,262,450	2,339,290

**General Fund
Public Safety**

Police Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 335								
Community Services								
Section								
101.301.12.335								
Personal Services	939,556	874,572	821,280	931,730	951,060	2.07%	976,110	1,001,830
Supplies	8,429	10,437	8,900	8,920	9,000	0.90%	9,070	9,150
Other Service Charges	67,687	63,543	63,800	63,810	69,600	9.07%	70,400	72,430
Business Unit Total:								
Community Services								
Section	1,015,672	948,552	893,980	1,004,460	1,029,660	2.51%	1,055,580	1,083,410
Operations	13,300,602	14,030,278	14,056,990	15,597,750	16,692,520	7.02%	17,082,110	17,551,260
Department Total:								
Police Department	\$ 21,853,972	\$ 22,811,404	\$ 22,750,390	\$ 25,277,800	\$ 26,922,800	6.51%	\$ 27,302,870	\$ 28,024,050

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	2015/16 Actual	2016/17 Actual	2017/18 Projected	2018/19 Budget
Fire Department Responses	1,076	1,216	1,150	1,200
All Fires	154	228	181	200
Structure Fires	41	53	55	60
Property Endangered	\$124,787,496	\$119,103,014	\$64,625,427	\$150,000
Fire Loss	\$2,198,859	\$1,850,498	\$1,778,949	\$2,000,000
# of Volunteer Firefighters	155	165	170	180
Firefighter Training Hours	18,100	22,697	18,955	19,000
Public Education Programs	95	78	75	75
Public Education Attendance	8,470	8,558	8,000	8,000
Inspections Performed	2,766	2,354	2,050	2,000
Violations Issued	1,775	1,364	980	1,000
Violations Cleared	1,167	1,186	820	1,000
Fees Earned	\$155,200	\$175,780	\$150,000	\$150,000
Permits Issued	598	539	525	520
Plans Reviewed	845	1,104	1,140	1,100
Fire Loss Per Capita*	\$27.15	\$22.12	\$21.27	\$25.00
Dept. Operating Cost Per Capita**	\$82.22	\$107.03	\$63.32	\$64.58
Firefighting Efficiency***	98%	98%	97%	95%
Civilian fire related deaths/injuries	0/2	0/2	0/3	0/0
Firefighter death/injuries	0/6	0/18	0/15	0/0

Notes on Performance Indicators

- *Structure fires only
- **The 2017/18 and 2018/19 costs are based on the 2017 estimated population of 87,177 residents from SEMCOG.
- ***Fire loss vs. endangered structure value

Fire

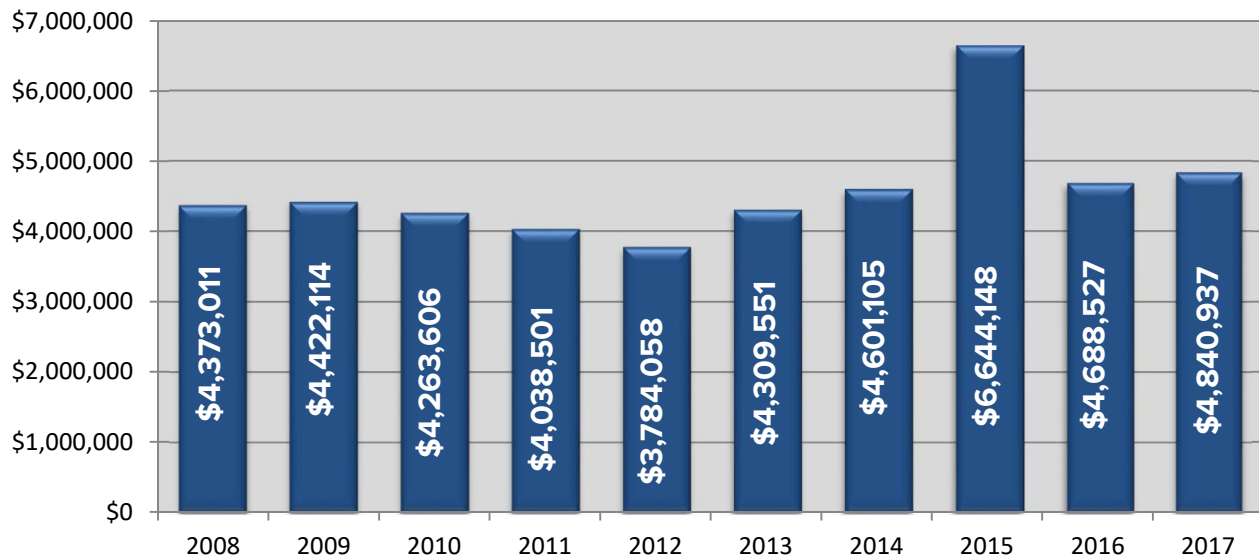
SUMMARY OF BUDGET CHANGES

- Significant Notes - 2018/19 Budget Compared to 2017/18 Budget**

Overall Personal Services increased 11% due to increases in salaries and wages due to "step" increases per union contracts, increase in sick/vacation accrual and actuarially determined contributions for Retiree Healthcare.

Personnel Summary	2016 Budget		2017 Budget		2018 Budget		2019 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Fire Department	12	2.6	12	2.2	12	2.3	12	2.3
Total Department	12	2.6	12	2.2	12	2.3	12	2.3

- Operating Budget History**



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

General Fund

Fire Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 336 Fire Department								
Business Unit: 337 Fire Administration								
101.336.00.337								
Personal Services	\$ 301,537	\$ 329,473	\$ 324,690	\$ 339,600	\$ 359,280	5.80%	\$ 368,800	\$ 378,570
Supplies	8,286	4,323	5,500	7,500	7,500	0.00%	7,500	7,500
Other Service Charges	39,662	35,332	41,640	46,880	87,090	85.77%	42,820	43,090
Business Unit Total: Fire Administration	349,484	369,129	371,830	393,980	453,870	15.20%	419,120	429,160
Business Unit: 338 Fire Operations								
101.336.00.338								
Personal Services	302,968	292,822	458,920	536,360	604,510	12.71%	620,720	637,410
Supplies	285,941	281,077	325,800	325,800	347,400	6.63%	338,110	338,530
Other Service Charges	583,273	591,202	581,470	598,200	592,820	-0.90%	594,390	595,510
Business Unit Total: Fire Operations	1,172,181	1,165,101	1,366,190	1,460,360	1,544,730	5.78%	1,553,220	1,571,450

General Fund

Fire Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 340 Fire Companies								
101.336.00.340								
Personal Services	25,530	45,700	25,560	-	-	0.00%	-	-
Supplies	6,955	18,619	13,000	10,000	30,000	200.00%	16,000	16,000
Other Service Charges	1,507,920	1,519,150	2,127,950	2,133,740	1,705,840	-20.05%	1,735,640	1,761,840
Business Unit Total: Fire Companies	1,540,404	1,583,468	2,166,510	2,143,740	1,735,840	-19.03%	1,751,640	1,777,840
Business Unit: 341 Fire Prevention								
101.336.00.341								
Personal Services	936,923	1,050,514	860,560	812,360	914,910	12.62%	939,240	964,230
Supplies	8,446	11,008	14,050	12,120	12,240	0.99%	12,370	12,370
Other Service Charges	119,514	110,516	83,640	98,820	87,980	-10.97%	89,600	91,000
Business Unit Total: Fire Prevention	1,064,882	1,172,038	958,250	923,300	1,015,130	9.95%	1,041,210	1,067,600
Business Unit: 343 Fire Communications								
101.336.00.343								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	2,512	4,981	5,080	4,140	4,180	0.97%	4,230	4,230
Other Service Charges	226,945	229,288	219,890	218,210	231,510	6.10%	235,990	240,560
Business Unit Total: Fire Communications	229,457	234,269	224,970	222,350	235,690	6.00%	240,220	244,790

General Fund

Fire Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 344 Fire Halls								
101.336.00.344								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	59,699	35,722	39,410	38,370	80,860	110.74%	37,750	37,750
Other Service Charges	272,418	281,210	322,190	338,150	564,010	66.79%	568,750	571,870
Business Unit Total: Fire Halls	332,117	316,932	361,600	376,520	644,870	71.27%	606,500	609,620
Department Total: Fire Department	\$ 4,688,527	\$ 4,840,937	\$ 5,449,350	\$ 5,520,250	\$ 5,630,130	1.99%	\$ 5,611,910	\$ 5,700,460

BUILDING INSPECTION

SAFEbuilt Building Official | Randy McClure

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

Performance Indicators	2015/16 Actual	2016/17 Actual	2017/18 Projected	2018/19 Budget
Permits issued	9,433	10,000	10,000	10,000
Plans Reviewed	3,051	3,200	3,200	3,200
Total Value of Construction	\$98,903,615	\$115,000,000	\$120,000,000	\$130,000,000
Number of Inspections	17,785	18,000	18,000	19,000

Notes on Performance Indicators

- There is a trend of increasing permit and inspection activity

Building Inspection

SUMMARY OF BUDGET CHANGES

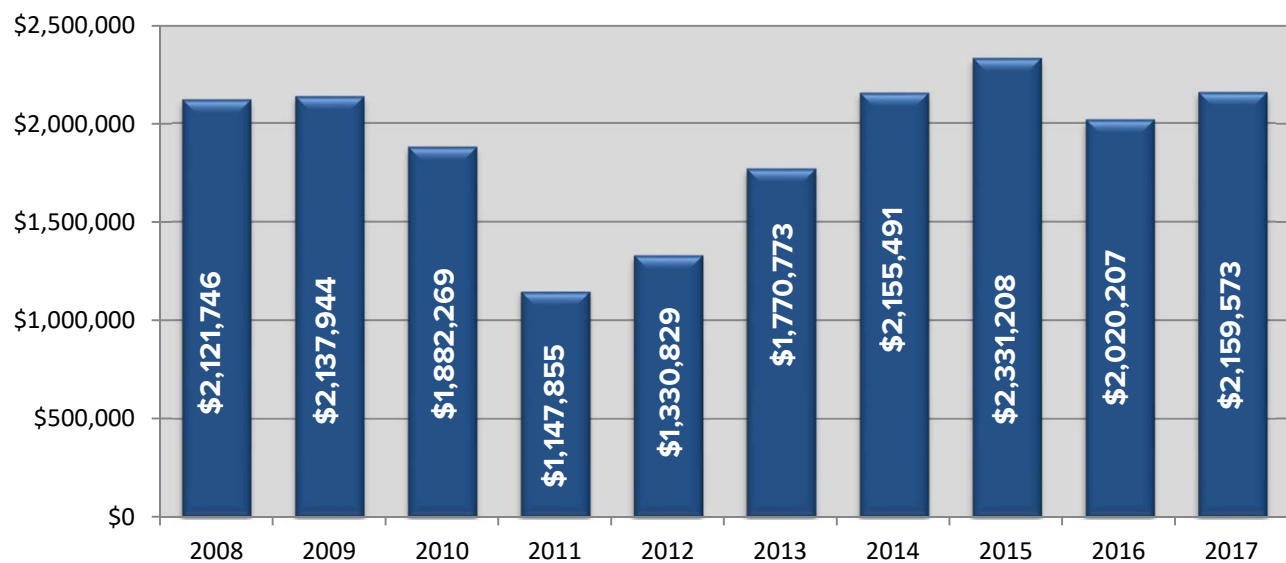
- Significant Notes - 2018/19 Budget Compared to 2017/18 Budget**

None noted.

Personnel Summary	2016 Budget		2017 Budget		2018 Budget		2019 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
Total Department	*0.35	0	0.35	0	0.35	0	0.35	0

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

- Operating Budget History**



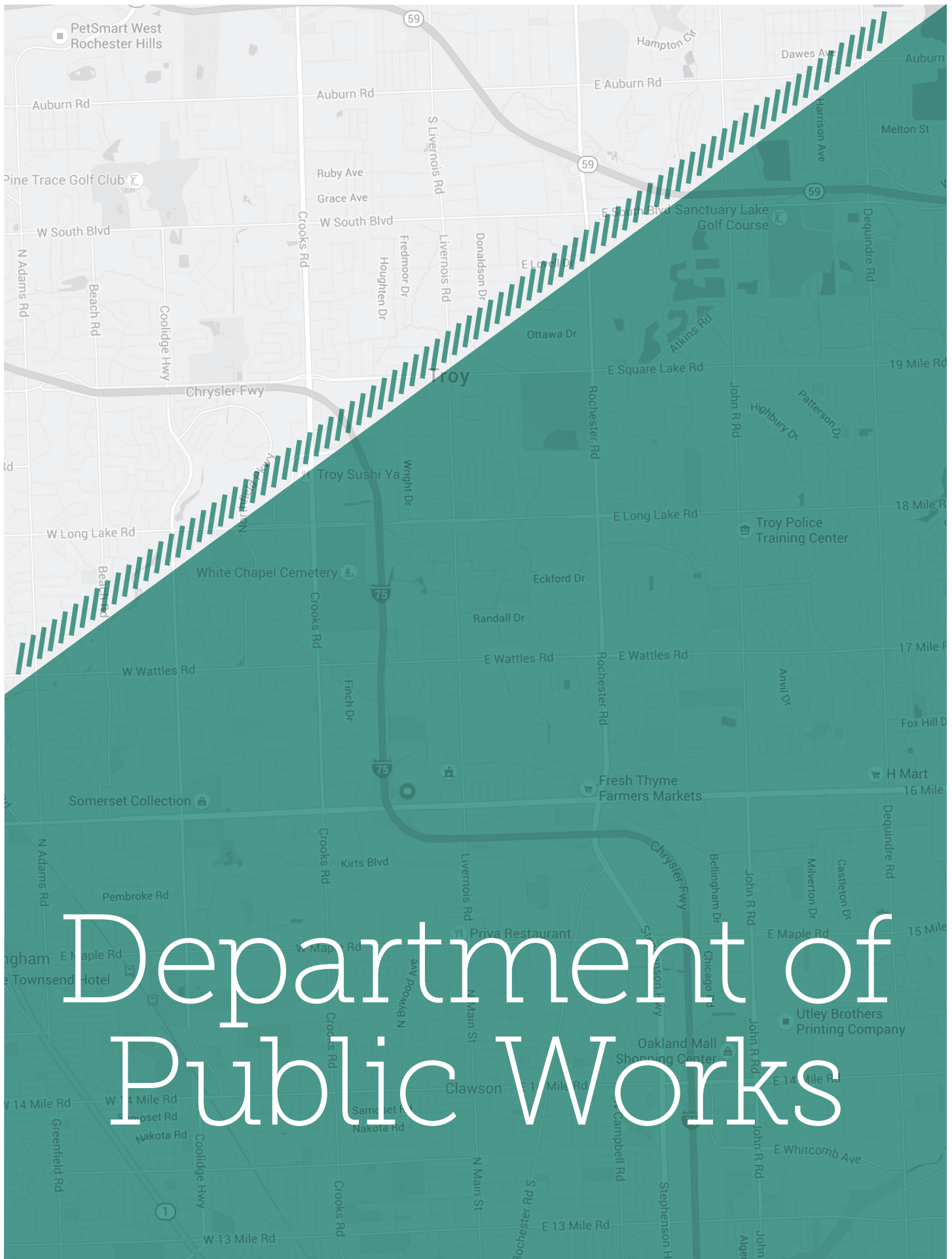
General Fund

Building Inspections

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 371 Building Inspections								
Business Unit: 371 Building Inspections								
101.3/1.00.3/1								
Personal Services	\$ 51,793	\$ 51,763	\$ 55,500	\$ 54,900	\$ 59,730	8.80%	\$ 61,310	\$ 62,910
Supplies	9,100	7,697	7,500	6,000	7,600	26.67%	7,700	7,700
Other Service Charges	1,959,314	2,100,113	2,222,530	2,228,730	2,274,260	2.04%	2,325,770	2,326,770
Business Unit Total: Building Inspections	2,020,207	2,159,573	2,285,530	2,289,630	2,341,590	2.27%	2,394,780	2,397,380
Department Total: Building Inspections	\$ 2,020,207	\$ 2,159,573	\$ 2,285,530	\$ 2,289,630	\$ 2,341,590	2.27%	\$ 2,394,780	\$ 2,397,380

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WE BELIEVE IN DOING
GOVERNMENT THE BEST



Department of Public Works

PUBLIC WORKS

Public Works Director | Kurt Bovensiepe

Streets and Drains Operations Manager | Scott Carruthers

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

Performance Indicator	2015/16 Actual	2016/17 Actual	2017/18 Projected	2018/19 Budget
Sidewalks-New Installation	\$26,864	\$22,000	\$10,000	\$10,000
Concrete Pavement Repair	\$12,923,674	\$8,600,000	\$5,500,000	\$3,660,000
Crack and Joint Sealing	\$160,000	\$125,000	\$150,000	\$150,000
Street Light Maintenance	\$597,523	\$523,000	\$485,000	\$520,000
Streets and Drains				
Performance Indicator	2015/16 Actual	2016/17 Actual	2017/18 Projected	2018/19 Budget
Snow Removal and Plowing Occurrences	4	1	6	4
Snow and Ice Control and Salting Occurrences	32	28	44	32
Salt Usages in Tons	9,530	4,900	10,000	8,500
Chloride Sand Usage in Tons	35	16	50	35
Asphalt Placed (Hot)	353	720	700	800
Asphalt Placed (Cold)	152	100	175	100
Concrete Redi-Mix Placed	626	300	450	300
Traffic Sign Repairs or Replacements	181	186	200	200
Street Sweeping Local Roads (4 times per year)	25%	50%	50%	50%
Requests for Service	1,754	1,950	2,000	2,000

Notes on Performance Indicators

- More concentration on asphalt roads then concrete in future budgets.

Public Works

SUMMARY OF BUDGET CHANGES

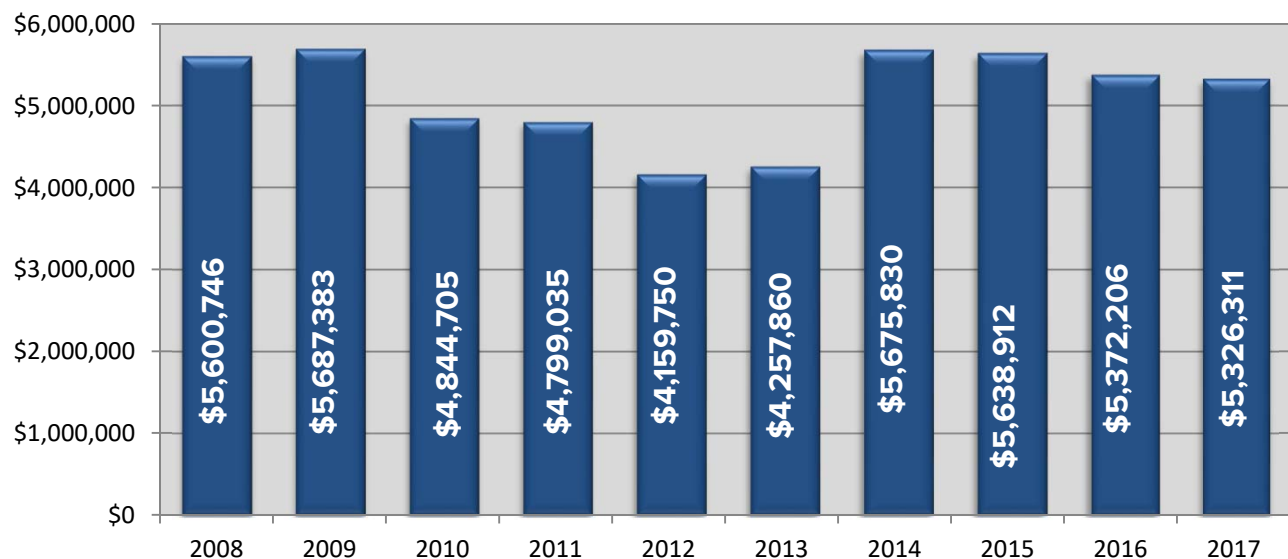
- Significant Notes - 2018/19 Budget Compared to 2017/18 Budget**

Personal Services overall increase of 6% due to additional summer labor (2 FTE's), additional sick/vacation accrual and actuarially determined contribution for Retiree Healthcare.

Other Service Charges overall increase of 6% due to increase in general contractual services, vehicle rental charges from Fleet Maintenance Fund and food costs for extended work shift schedules during snow/ice control periods.

Personnel Summary	2016 Budget		2017 Budget		2018 Budget		2019 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Streets and Drains	23.89	4.2	22.42	4.6	22.72	5.1	22.72	7.9
Total Department	23.89	4.2	22.42	4.6	22.72	5.1	22.72	7.9

- Operating Budget History**



**General Fund
Public Works**

Streets Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 447 Streets								
Department								
Division: 20 - Local Streets								
Business Unit: 481 Local								
Surface Maint-Gravel								
101.44/.20.481								
Personal Services	\$ 36,859	\$ 37,623	\$ 51,350	\$ 72,870	\$ 78,540	7.78%	\$ 80,630	\$ 82,770
Supplies	16,618	10,062	11,200	9,500	10,000	5.26%	10,000	10,000
Other Service Charges	26,092	27,717	24,000	25,000	26,000	4.00%	27,000	27,000
Business Unit Total: Local								
Surface Maint-Gravel	79,568	75,402	86,550	107,370	114,540	6.68%	117,630	119,770
Business Unit: 482 Local								
Surface Maintenance								
101.447.20.482								
Personal Services	289,176	242,404	264,630	315,610	324,550	2.83%	333,170	342,040
Supplies	58,490	90,862	89,500	105,000	105,000	0.00%	105,000	105,000
Other Service Charges	79,120	69,468	135,000	228,300	181,000	-20.72%	133,700	133,700
Business Unit Total: Local								
Surface Maintenance	426,786	402,734	489,130	648,910	610,550	-5.91%	571,870	580,740

**General Fund
Public Works**

Streets Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 483 Local Surface Maint-Concrete 101.447.20.483								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	-	-	-	-	-	0.00%	-	-
Business Unit Total: Local Surface Maint-Concrete	-	-	-	-	-	0.00%	-	-
Business Unit: 485 Local Guard Rails & Posts 101.447.20.485								
Personal Services	2,721	1,496	1,090	9,610	14,130	47.03%	14,480	14,850
Supplies	874	-	500	2,500	2,500	0.00%	2,500	2,500
Other Service Charges	937	436	500	1,570	1,600	1.91%	1,650	1,650
Business Unit Total: Local Guard Rails & Posts	4,532	1,932	2,090	13,680	18,230	33.26%	18,630	19,000

**General Fund
Public Works**

Streets Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 486 Local Sweeping								
101.447.20.486								
Personal Services	27,572	30,023	49,160	74,360	63,440	-14.69%	65,150	66,930
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	35,934	42,924	100,500	100,000	103,000	3.00%	106,100	106,100
Business Unit Total: Local Sweeping	63,505	72,947	149,660	174,360	166,440	-4.54%	171,250	173,030
Business Unit: 489 Local Drain Structures								
101.447.20.489								
Personal Services	244,646	373,772	225,820	226,560	232,370	2.56%	238,600	244,980
Supplies	26,817	68,679	42,000	62,000	63,800	2.90%	65,700	65,700
Other Service Charges	151,233	165,476	160,000	168,000	214,800	27.86%	220,000	220,000
Business Unit Total: Local Drain Structures	422,696	607,927	427,820	456,560	510,970	11.92%	524,300	530,680
Business Unit: 490 Local Roadside Cleanup								
101.447.20.490								
Personal Services	3,890	5,441	14,650	3,570	3,800	6.44%	3,890	4,000
Supplies	-	28	-	150	150	0.00%	160	160
Other Service Charges	510	1,253	1,200	2,000	2,060	3.00%	2,100	2,100
Business Unit Total: Local Roadside Cleanup	4,400	6,722	15,850	5,720	6,010	5.07%	6,150	6,260

**General Fund
Public Works**

Streets Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 491 Local Grass & Weed Control 101.447.20.491								
Personal Services	4,241	7,851	9,750	-	-	0.00%	-	-
Supplies	21	-	-	-	-	0.00%	-	-
Other Service Charges	467	1,369	750	800	850	6.25%	900	900
Business Unit Total: Local Grass & Weed Control	4,729	9,220	10,500	800	850	6.25%	900	900
Business Unit: 492 Local Dust Control 101.447.20.492								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	-	-	-	-	-	0.00%	-	-
Business Unit Total: Dust Control	-	-	-	-	-	0.00%	-	-
Business Unit: 495 Local Signs 101.447.20.495								
Personal Services	37,584	33,650	57,210	98,210	104,380	6.28%	107,180	110,090
Supplies	23,105	12,327	20,000	30,000	30,900	3.00%	31,900	31,900
Other Service Charges	13,396	11,032	10,000	29,900	30,800	3.01%	31,700	31,700
Business Unit Total: Local Signs	74,085	57,009	87,210	158,110	166,080	5.04%	170,780	173,690

**General Fund
Public Works**

Streets Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 497 Local Markings 101.447.20.497								
Personal Services	3,674	961	1,830	5,330	5,250	-1.50%	5,390	5,540
Supplies	8,489	1,782	10,000	15,000	15,450	3.00%	15,900	15,900
Other Service Charges	290	89	500	2,000	2,100	5.00%	2,200	2,200
Business Unit Total: Local Markings	12,453	2,832	12,330	22,330	22,800	2.10%	23,490	23,640
Business Unit: 498 Local Snow & Ice Control 101.447.20.498								
Personal Services	142,327	140,241	178,950	269,670	277,130	2.77%	284,530	292,150
Supplies	96,089	69,231	50,000	120,000	123,600	3.00%	127,300	127,300
Other Service Charges	80,251	200,731	361,300	362,500	380,000	4.83%	385,000	390,000
Business Unit Total: Local Snow & Ice Control	318,668	410,204	590,250	752,170	780,730	3.80%	796,830	809,450
Business Unit: 499 Local Street Administration 101.447.20.499								
Personal Services	51,745	35,344	62,780	144,270	151,790	5.21%	155,850	160,000
Supplies	10,081	11,504	13,350	11,300	14,400	27.43%	14,400	14,400
Other Service Charges	87,951	87,519	81,030	82,130	129,710	57.93%	118,580	137,600
Business Unit Total: Local Street Administration	149,777	134,367	157,160	237,700	295,900	24.48%	288,830	312,000

**General Fund
Public Works**

Streets Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Division Total: Local Streets	1,561,199	1,781,295	2,028,550	2,577,710	2,693,100	4.48%	2,690,660	2,749,160
Division: 21 - County Roads								
Business Unit: 500 County Surface Maintenance								
101.447.21.500								
Personal Services	2,997	293	880	2,390	2,560	7.11%	2,620	2,690
Supplies	-	16	-	-	-	0.00%	-	-
Other Service Charges	1,178	-	-	1,000	1,000	0.00%	1,000	1,000
Business Unit Total: County Surface Maintenance	4,175	309	880	3,390	3,560	5.01%	3,620	3,690
Business Unit: 501 County Drain Structures								
101.447.21.501								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	-	-	-	-	-	0.00%	-	-
Business Unit Total: County Drain Structures	-	-	-	-	-	0.00%	-	-

**General Fund
Public Works**

Streets Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 502 County Snow & Ice Control 101.447.21.502								
Personal Services	110,149	95,079	157,240	204,720	215,910	5.47%	221,680	227,620
Supplies	263,340	136,097	160,000	180,000	185,400	3.00%	191,000	191,000
Other Service Charges	77,686	70,306	97,500	98,000	100,940	3.00%	104,000	104,000
Business Unit Total: County Snow & Ice Control	451,176	301,481	414,740	482,720	502,250	4.05%	516,680	522,620
Business Unit: 503 County Road Administration 101.447.21.503								
Personal Services	3,392	3,984	3,840	4,550	4,500	-1.10%	4,620	4,750
Supplies	293	22,187	600	300	600	100.00%	600	600
Other Service Charges	6,323	5,066	19,340	19,340	20,000	3.41%	20,000	20,000
Business Unit Total: County Road Administration	10,008	31,237	23,780	24,190	25,100	3.76%	25,220	25,350

**General Fund
Public Works**

Streets Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 504 County Signs								
101.447.21.504								
Personal Services	787	24	5,060	14,580	15,410	5.69%	15,830	16,260
Supplies	25,266	22,636	5,000	25,000	5,000	-80.00%	5,100	5,100
Other Service Charges	-	-	1,000	5,120	5,300	3.52%	5,400	5,400
Business Unit Total:								
County Signs	26,053	22,660	11,060	44,700	25,710	-42.48%	26,330	26,760
Business Unit: 507 County Sweeping								
101.447.21.507								
Personal Services	1,325	1,760	1,960	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	1,778	2,453	970	1,000	1,100	10.00%	1,150	1,150
Business Unit Total:								
County Sweeping	3,103	4,213	2,930	1,000	1,100	10.00%	1,150	1,150
Division Total: County Roads	494,515	359,900	453,390	556,000	557,720	0.31%	573,000	579,570

**General Fund
Public Works**

Streets Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Division 22 - Major Streets								
Business Unit: 464 Major Surface Maintenance 101.447.22.464								
Personal Services	293,692	237,566	276,830	454,410	473,560	4.21%	486,130	499,050
Supplies	49,714	34,069	63,000	72,500	74,300	2.48%	67,200	67,200
Other Service Charges	101,142	88,740	178,000	146,400	198,800	35.79%	253,600	253,600
Business Unit Total: Major Surface Maintenance	444,548	360,375	517,830	673,310	746,660	10.89%	806,930	819,850
Business Unit: 465 Major Guard Rail & Posts 101.447.22.465								
Personal Services	4,339	280	100	2,630	3,840	46.01%	3,940	4,030
Supplies	18	-	-	-	-	0.00%	-	-
Other Service Charges	1,190	33	250	500	500	0.00%	500	500
Business Unit Total: Major Guard Rails & Posts	5,548	313	350	3,130	4,340	38.66%	4,440	4,530

**General Fund
Public Works**

Streets Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 466 Major Sweeping 101.447.22.466								
Personal Services	25,523	19,164	41,140	51,300	54,450	6.14%	55,890	57,390
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	37,363	26,943	100,000	120,000	123,600	3.00%	127,300	127,300
Business Unit Total: Major Sweeping	62,885	46,106	141,140	171,300	178,050	3.94%	183,190	184,690
Business Unit: 469 Major Drain Structures 101.447.22.469								
Personal Services	99,778	41,624	95,550	140,490	150,940	7.44%	154,970	159,100
Supplies	13,974	2,755	6,800	6,000	6,200	3.33%	6,400	6,400
Other Service Charges	46,116	15,739	56,000	48,000	59,000	22.92%	60,000	61,000
Business Unit Total: Major Drain Structures	159,869	60,118	158,350	194,490	216,140	11.13%	221,370	226,500
Business Unit: 470 Major Roadside Cleanup 101.447.22.470								
Personal Services	25,934	26,945	35,120	37,760	37,190	-1.51%	38,190	39,210
Supplies	87	10	-	500	500	0.00%	500	500
Other Service Charges	8,008	7,713	3,000	5,000	5,250	5.00%	5,500	5,500
Business Unit Total: Major Roadside Cleanup	34,028	34,668	38,120	43,260	42,940	-0.74%	44,190	45,210

**General Fund
Public Works**

Streets Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 471 Major Grass & Weed Control 101.447.22.471								
Personal Services	2,435	5,634	4,370	7,870	11,570	47.01%	11,860	12,150
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	266	1,235	500	1,000	1,000	0.00%	1,000	1,000
Business Unit Total: Major Grass & Weed Control	2,701	6,869	4,870	8,870	12,570	41.71%	12,860	13,150
Business Unit: 475 Major Signs 101.447.22.475								
Personal Services	141,206	184,490	189,800	98,040	102,650	4.70%	105,400	108,240
Supplies	22,888	13,962	29,000	25,000	25,000	0.00%	25,000	25,000
Other Service Charges	29,269	49,071	40,000	60,000	61,800	3.00%	63,600	63,600
Business Unit Total: Major Signs	193,363	247,522	258,800	183,040	189,450	3.50%	194,000	196,840

**General Fund
Public Works**

Streets Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 477 Major Markings								
101.447.22.477								
Personal Services	5,959	3,880	8,880	14,560	14,830	1.85%	15,230	15,640
Supplies	1,995	133	5,000	10,000	10,000	0.00%	10,000	10,000
Other Service Charges	89,393	95,070	80,500	82,000	84,400	2.93%	86,900	86,900
Business Unit Total: Major Markings	97,347	99,083	94,380	106,560	109,230	2.51%	112,130	112,540
Business Unit: 478 Major Snow & Ice Control								
101.447.22.478								
Personal Services	203,178	153,218	200,990	304,460	332,570	9.23%	341,430	350,550
Supplies	233,051	107,304	120,000	140,000	144,200	3.00%	148,500	148,500
Other Service Charges	82,787	63,448	100,000	102,000	105,060	3.00%	108,200	108,200
Business Unit Total: Major Snow & Ice Control	519,015	323,970	420,990	546,460	581,830	6.47%	598,130	607,250

**General Fund
Public Works**

Streets Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 479 Major Street Administration 101.447.22.479								
Personal Services	256,817	377,618	387,060	170,280	187,510	10.12%	192,470	197,540
Supplies	5,019	6,647	9,600	9,000	12,600	40.00%	12,700	12,700
Other Service Charges	366,810	234,375	326,440	325,480	351,980	8.14%	370,220	389,240
Business Unit Total: Major Street Administration	628,645	618,641	723,100	504,760	552,090	9.38%	575,390	599,480
Division Total: Major Streets	2,147,949	1,797,666	2,357,930	2,435,180	2,633,300	8.14%	2,752,630	2,810,040
Division 23 - Drains								
Business Unit: 514 Retention Ponds 101.447.23.514								
Personal Services	97,300	127,285	114,720	106,560	134,130	25.87%	137,600	141,140
Supplies	4,584	10,785	23,000	25,030	25,800	3.08%	27,400	27,400
Other Service Charges	84,473	134,438	144,600	165,410	166,560	0.70%	167,610	167,610
Business Unit Total: Retention Ponds	186,356	272,508	282,320	297,000	326,490	9.93%	332,610	336,150

**General Fund
Public Works**

Streets Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 515 Open Drain Maintenance 101.447.23.515								
Personal Services	87,690	72,031	69,480	65,190	61,860	-5.11%	63,510	65,230
Supplies	6,726	7,091	3,000	8,000	8,200	2.50%	8,400	8,400
Other Service Charges	52,271	50,441	51,000	55,000	56,700	3.09%	10,700	10,700
Business Unit Total: Open Drain Maintenance	146,687	129,563	123,480	128,190	126,760	-1.12%	82,610	84,330
Business Unit: 516 Drain Administration 101.447.23.516								
Personal Services	60,316	62,522	93,620	43,080	13,040	-69.73%	13,390	13,710
Supplies	835	578	900	600	1,000	66.67%	1,000	1,000
Other Service Charges	29,971	37,509	35,010	34,980	36,330	3.86%	37,420	38,420
Business Unit Total: Drain Administration	91,122	100,609	129,530	78,660	50,370	-35.96%	51,810	53,130
Business Unit: 517 Storm Sewer & Ryd 101.447.23.517								
Personal Services	100,891	113,483	89,780	124,750	143,860	15.32%	147,660	151,580
Supplies	4,909	12,865	6,000	10,000	10,300	3.00%	10,600	10,600
Other Service Charges	27,608	36,883	25,000	30,000	31,000	3.33%	32,000	32,000
Business Unit Total: Storm Sewer & Ryd	133,408	163,231	120,780	164,750	185,160	12.39%	190,260	194,180
Division Total: Drains	557,573	665,911	656,110	668,600	688,780	3.02%	657,290	667,790

**General Fund
Public Works**

Streets Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Division 24 - Sidewalks								
Business Unit: 444								
Sidewalk Administration								
101.447.24.444								
Personal Services	33,887	26,258	28,520	32,080	30,440	-5.11%	31,230	32,060
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	2,563	2,713	1,900	3,180	3,140	-1.26%	3,170	3,170
Business Unit Total:								
Sidewalk Administration	36,449	28,972	30,420	35,260	33,580	-4.76%	34,400	35,230
Business Unit: 511								
Sidewalk Maint.-Snow								
Removal								
101.447.24.511								
Personal Services	553	2,210	3,370	4,290	4,720	10.02%	4,840	4,990
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	-	6,685	13,000	41,000	41,000	0.00%	45,000	45,000
Business Unit Total:								
Sidewalk Maint.-Snow								
Removal	553	8,895	16,370	45,290	45,720	0.95%	49,840	49,990

**General Fund
Public Works**

Streets Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 512 Sidewalk Maint.-General 101.447.24.512								
Personal Services	75,788	117,062	94,320	85,630	94,190	10.00%	96,700	99,250
Supplies	8,686	4,340	8,000	10,000	10,300	3.00%	10,600	10,600
Other Service Charges	14,525	23,512	20,000	40,000	41,200	3.00%	42,400	42,400
Business Unit Total: Sidewalk Maint.-General	98,999	144,914	122,320	135,630	145,690	7.42%	149,700	152,250
Division Total: Sidewalks	136,002	182,780	169,110	216,180	224,990	4.08%	233,940	237,470
Lighting								
Business Unit: 448 Street Lighting 101.447.25.448								
Personal Services	18,784	19,639	22,770	14,180	14,330	1.06%	14,700	15,080
Supplies	16,111	125,152	40,000	50,000	30,000	-40.00%	30,900	30,900
Other Service Charges	414,089	378,285	418,650	472,750	474,960	0.47%	489,180	501,180
Business Unit Total: Street Lighting	448,983	523,076	481,420	536,930	519,290	-3.29%	534,780	547,160
Lighting	448,983	523,076	481,420	536,930	519,290	-3.29%	534,780	547,160

**General Fund
Public Works**

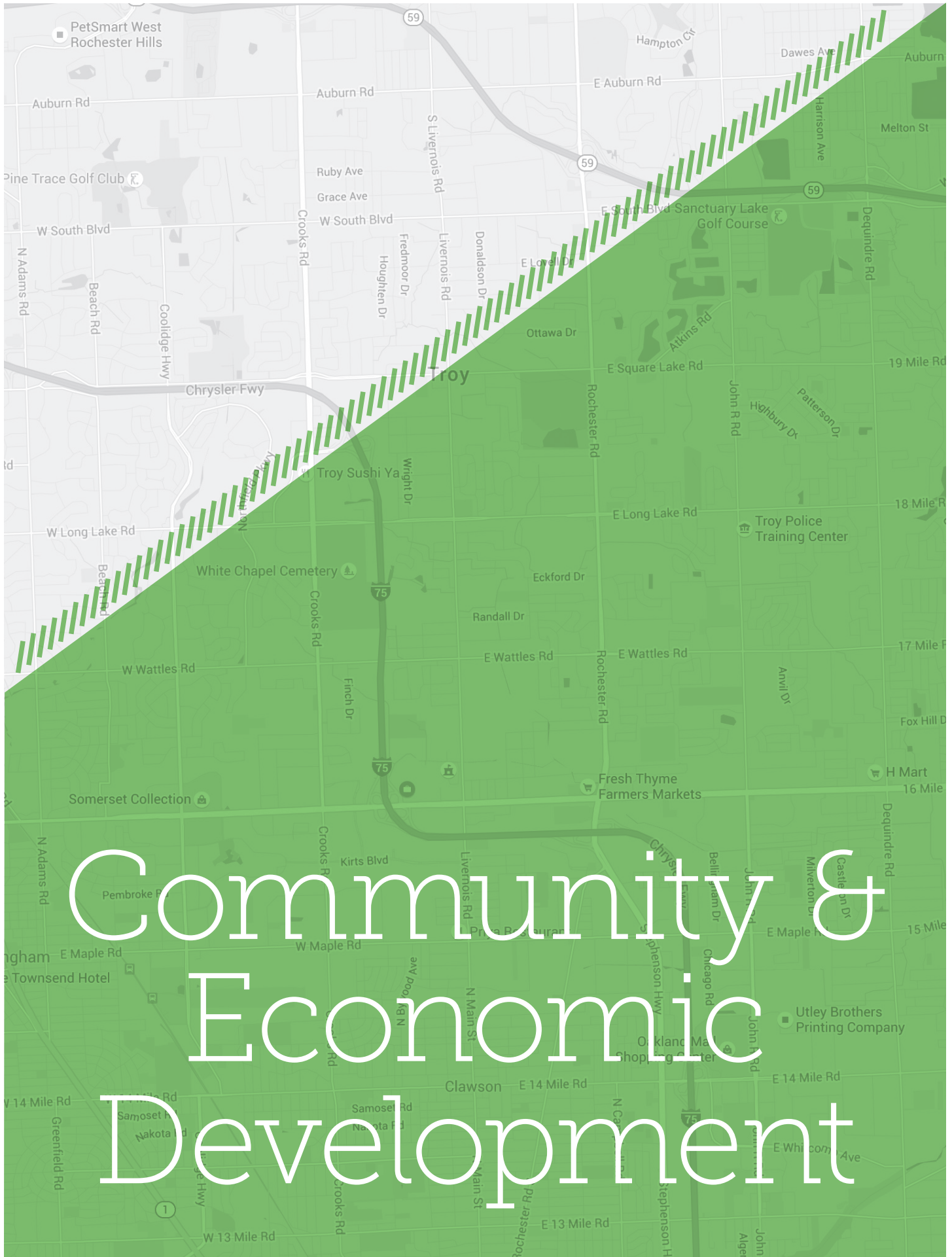
Streets Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Division 26 - Weeds/Snow & Ice								
Business Unit: 519								
Weeds/Snow & Ice								
101.447.26.519								
Personal Services	4,309	1,262	-	-	24,360	100.00%	24,960	25,600
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	21,676	14,420	14,120	13,850	13,860	0.07%	13,860	13,860
Business Unit Total:								
Weeds/Snow & Ice	25,985	15,682	14,120	13,850	38,220	175.96%	38,820	39,460
Division Total:								
Weeds/Snow & Ice	25,985	15,682	14,120	13,850	38,220	175.96%	38,820	39,460
Department Total: Streets								
Department	\$ 5,372,206	\$ 5,326,311	\$ 6,160,630	\$ 7,004,450	\$ 7,355,400	5.01%	\$ 7,481,120	\$ 7,630,650

**General Fund
Public Works**

Transportation/Trolley

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 596								
Transportation								
Business Unit: 596								
Trolley/Shuttle								
101.596.00.596								
Personal Services	\$ -	\$ 79,322	\$ 147,180	\$ 133,770	\$ 177,920	33.00%	\$ 182,370	\$ 186,930
Supplies	-	4,001	4,000	3,000	1,500	-50.00%	1,500	10,500
Other Service Charges	-	31,548	63,500	32,480	67,000	106.28%	67,000	67,000
Business Unit Total:								
Transportation/Trolley	\$ -	\$ 114,870	\$ 214,680	\$ 169,250	\$ 246,420	45.60%	\$ 250,870	\$ 264,430



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 provide high quality, cost effective infrastructure improvements to promote safety, transportation, economic growth and vibrancy of the City of Troy.

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
- » Inspects public improvements for compliance with development standards, construction specifications and soil erosion control
- » Inspects city road, water, sewer projects and utility 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	2015/16 Actual	2016/17 Actual	2017/18 Projected	2018/19 Budget
Site Plans Approved	40	60	65	75
Right-of-way Permits Issued	341	504	530	545
Value of Construction Contract Awarded and Supervised	\$19.0M	\$7M	\$9M	\$22M
Soil Erosion Control Inspections	1,090	655	788	874
Soil Erosion Control Permits	232	225	250	275
% Engineering Plans Reviewed within 8 Weeks	90%	90%	95%	95%
% Right -of-way Permits issued within 10 days	97%	98%	98%	98%
% 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%	95%	95%	95%

Notes on Performance Indicators

- "Value of Construction Contracts Awarded " is up due to the widening and reconstruction of John R, from Long Lake to South Boulevard.

Engineering

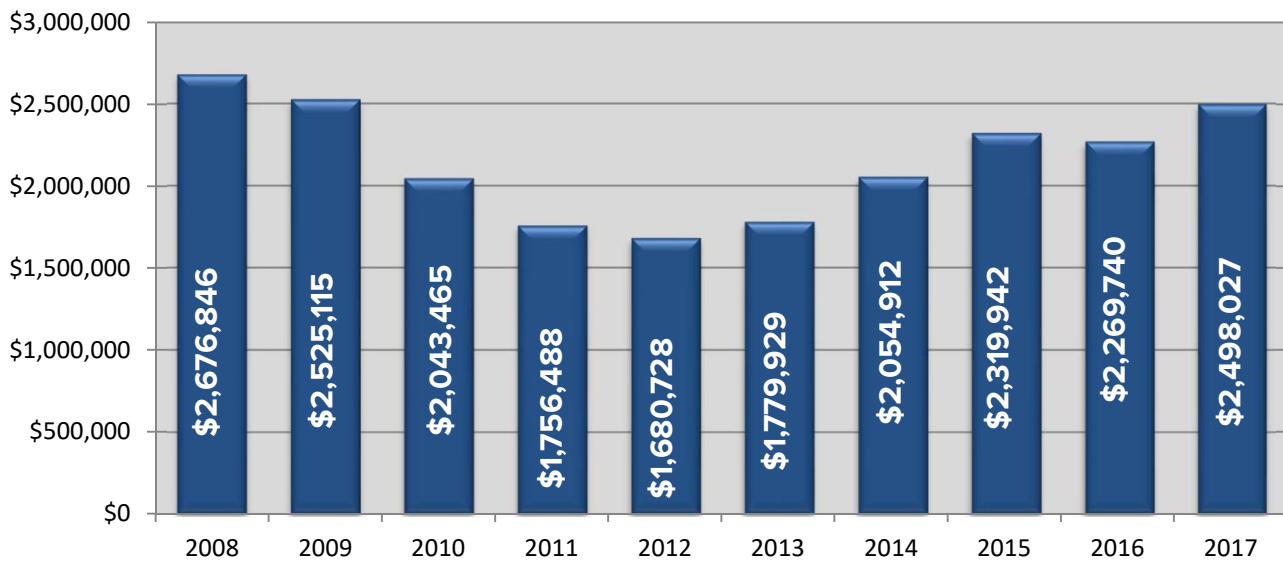
SUMMARY OF BUDGET CHANGES

- Significant Notes - 2018/19 Budget Compared to 2017/18 Budget**

Other service charges increased due to additional contractual engineering services needed for private development and permit inspection.

Personnel Summary	2016 Budget		2017 Budget		2018 Budget		2019 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Engineering	11.2	0	12.2	0	12.2	0	12.2	0
Traffic Engineering		0.3						
Total Department	11.2	0.3	12.2	0	12.2	0	12.2	0

- Operating Budget History**



**General Fund
Community Development**

Engineering Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 442								
Engineering								
Business Unit: 442								
Engineering								
101.442.00.442								
Personal Services	\$ 1,559,125	\$ 1,686,510	\$ 1,758,700	\$ 1,828,490	\$ 1,944,930	6.37%	\$ 1,996,780	\$ 2,050,030
Supplies	15,353	9,601	15,000	15,500	16,260	4.90%	16,580	16,900
Other Service Charges	694,965	801,916	863,790	776,780	880,060	13.30%	884,220	888,470
Business Unit Total:								
Engineering	2,269,443	2,498,027	2,637,490	2,620,770	2,841,250	8.41%	2,897,580	2,955,400
Business Unit: 443 Traffic								
Engineering								
101.442.00.443								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	297	-	-	-	-	0.00%	-	-
Business Unit Total: Traffic								
Engineering	297	-	-	-	-	0.00%	-	-
Department Total:								
Engineering Department	\$ 2,269,740	\$ 2,498,027	\$ 2,637,490	\$ 2,620,770	\$ 2,841,250	8.41%	\$ 2,897,580	\$ 2,955,400

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.

Department Functions

- » 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

Performance Indicators	2015/16 Actual	2016/17 Actual	2017/18 Projected	2018/19 Budget
Site Plan Reviews	6	12	12	12
Special Use Requests	0	4	5	4
Site Condominium Reviews	4	2	8	6
Rezoning requests	1	0	1	2
Conditional Rezoning Requests	1	5	2	5
Zoning Ordinance Text	3	2	2	4
Planned Unit Developments	2	1	1	1
Sign Permit Applications reviewed	350	316	260*	300
Code Enforcements	3,980	3,736	4,500	4,500
Citizen Volunteer Enforcements (temporary sign removal)	1,020	1,896	1,500	1,500
Zoning Board of Appeals cases	16	22	22	22
Animal Licenses	4	3	55	4
Code Enforcement Inspections	8,698	8,179	9,500	9,500
Temporary Structure, Use, & Outdoor Special Events Permits	22	32	30	30

Notes on Performance Indicators

* Sign Moratorium since November 20, 2017

None

Planning

SUMMARY OF BUDGET CHANGES

- Significant Notes - 2018/19 Budget Compared to 2017/18 Budget***

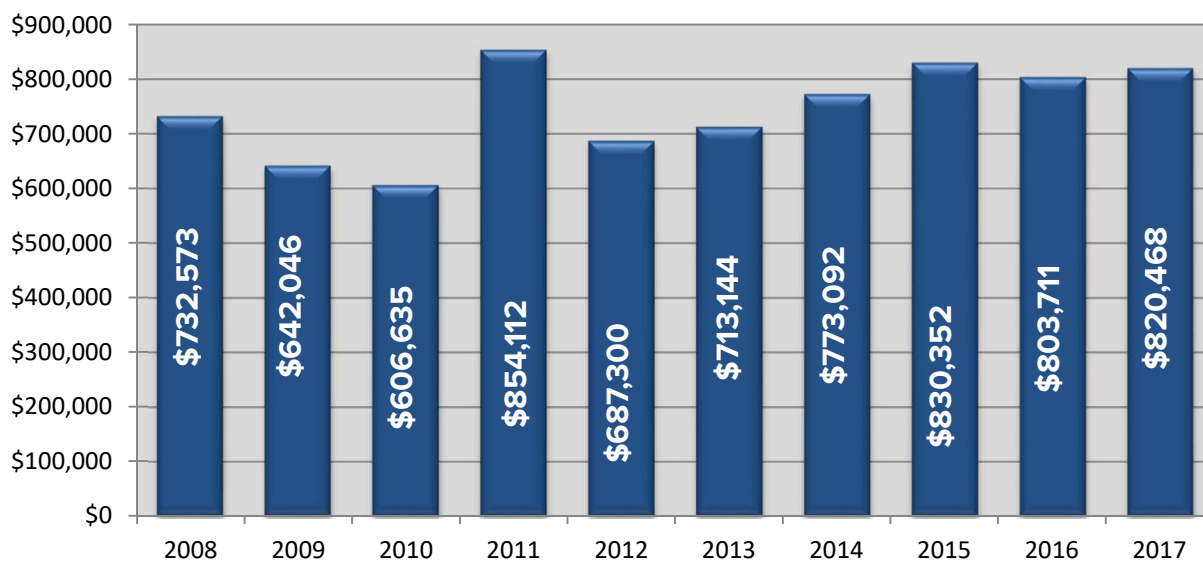
Continue to be a leader in Planning and Code Enforcement services and best management practices

Personal Services

Personal service increase due to replacement of part-time housing/zoning inspector with full time position.

Personnel Summary	2016 Budget		2017 Budget		2018 Budget		2019 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	1.7	3.65	2.4	4.65	0.9
Total Department	3.65	1.6	3.65	1.7	3.65	2.4	4.65	0.9

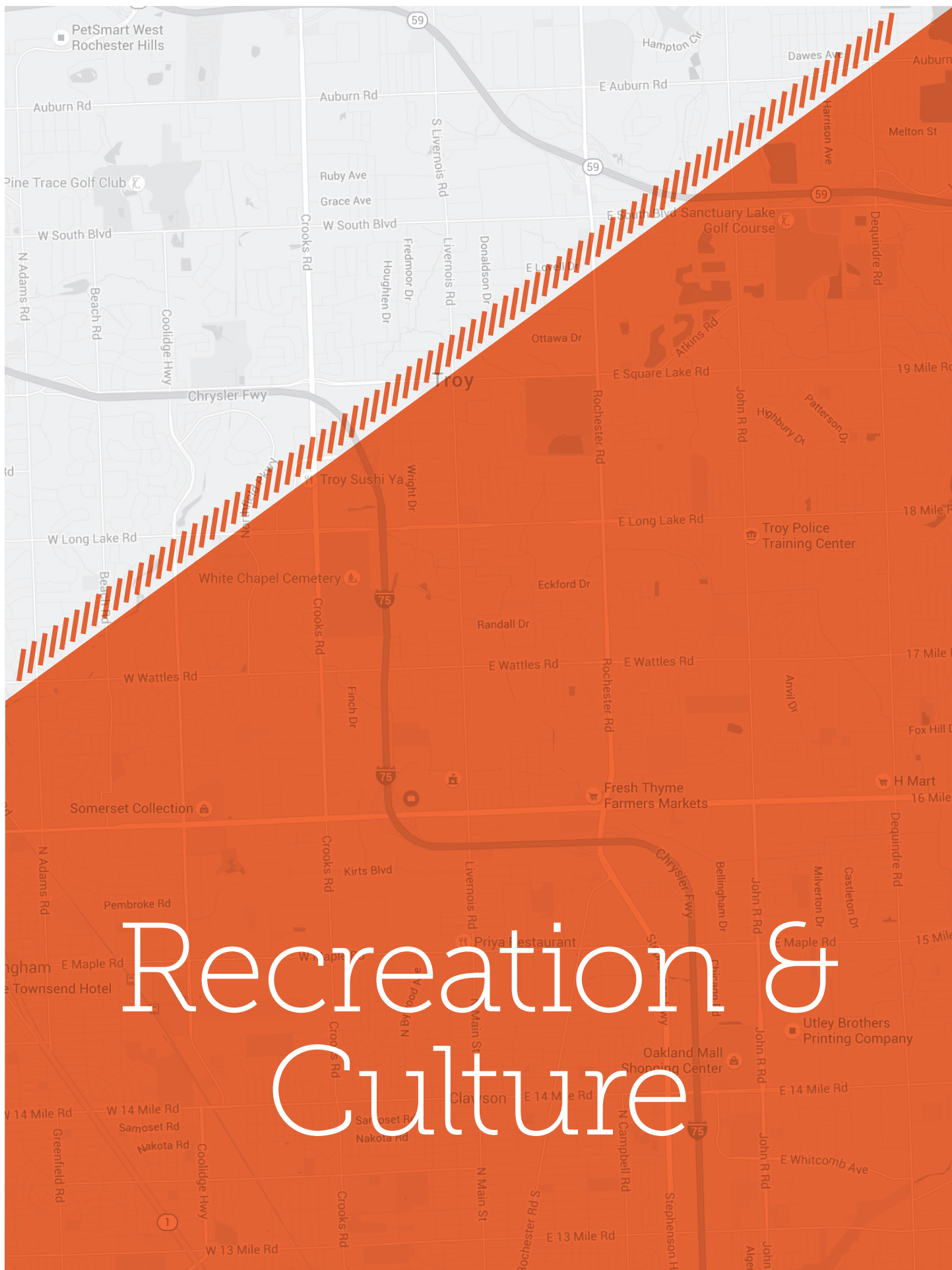
- Operating Budget History***



General Fund

Planning Department

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 721 Planning								
Business Unit: 721 Planning								
101.721.00.721								
Personal Services	\$ 633,678	\$ 648,650	\$ 652,240	\$ 716,090	\$ 754,510	5.37%	\$ 774,550	\$ 795,140
Supplies	5,806	4,992	4,410	4,410	4,420	0.23%	4,430	4,430
Other Service Charges	154,026	154,924	151,180	210,180	174,260	-17.09%	175,450	175,450
Business Unit Total: Planning	793,510	808,565	807,830	930,680	933,190	0.27%	954,430	975,020
Business Unit: 723 Planning								
Commission								
101.721.00.723								
Personal Services	4,472	4,986	7,280	7,280	7,280	0.00%	7,460	7,650
Supplies	737	-	-	500	500	0.00%	500	500
Other Service Charges	3,241	5,098	7,520	7,525	7,520	-0.07%	7,530	7,530
Business Unit Total: Planning								
Commission	8,450	10,084	14,800	15,305	15,300	-0.03%	15,490	15,680
Business Unit: 726 Board of Zoning								
Appeals								
101.721.00.726								
Personal Services	1,051	1,617	1,370	2,260	2,260	0.00%	2,310	2,380
Supplies	-	143	900	900	900	0.00%	900	900
Other Service Charges	700	58	2,010	2,000	2,000	0.00%	2,010	2,010
Business Unit Total: Board of Zoning								
Appeals	1,751	1,818	4,280	5,160	5,160	0.00%	5,220	5,290
Department Total: Planning								
Department	\$ 803,711	\$ 820,468	\$ 826,910	\$ 951,145	\$ 953,650	0.26%	\$ 975,140	\$ 995,990



PARKS

Public Works Director | Kurt Bovensiep

Facilities and Grounds Operations Manager | Dennis Trantham

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

Performance Indicators	2015/16 Actual	2016/17 Actual	2017/18 Projected	2018/19 Budget
Residential Tree Trimmed during Winter Block Pruning	3,976	3,950	3,500	3,500
Residential Tree Related Request	714	776	800	850
ROW Tree Planted	103	316	436	400
Athletic Field Maintenance Hours	2,076	1,850	1,800	1,800

Notes on Performance Indicators

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

Parks

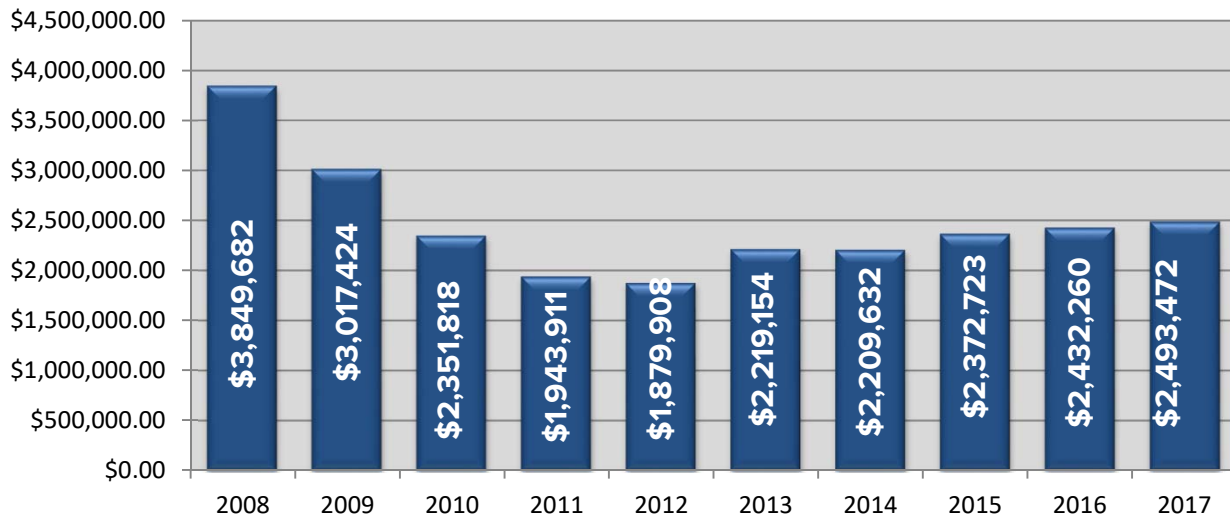
Summary of Budget Changes

- Significant Notes - 2018/19 Budget Compared to 2017/18 Budget***

Personal Services overall increase of 7% due to additional summer labor for Civic Center property maintenance, additional accrual for sick/vacation pay and actuarially determined contribution for Retiree Healthcare.

Personnel Summary	2016 Budget		2017 Budget		2018 Budget		2019 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Parks Department	6.1	9.2	6.0	9.3	6.3	9.6	6.3	10.4
Total Department	6.1	9.2	6.0	9.3	6.3	9.6	6.3	10.4

- Operating Budget History - Parks***



**General Fund
Recreation and Culture**

City Parks

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 751 Parks								
Division: 30 - Parks Maintenance								
Business Unit: 751 Parks Administration 101. / 51.30. / 51								
Personal Services	\$ 69,720	\$ 68,420	\$ 125,100	\$ 100,930	\$ 106,930	5.94%	\$ 109,790	\$ 112,720
Supplies	1,763	851	1,400	2,000	1,800	-10.00%	1,900	2,000
Other Service Charges	19,255	19,593	23,450	24,520	29,570	20.60%	30,310	31,040
Business Unit Total: Parks Administration	90,738	88,863	149,950	127,450	138,300	8.51%	142,000	145,760

**General Fund
Recreation and Culture**

City Parks

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 756 Civic Center Maintenance 101.751.30.756								
Personal Services	40,880	24,135	54,720	84,910	100,090	17.88%	102,710	105,380
Supplies	30,942	62,940	19,000	30,000	30,300	1.00%	30,610	30,920
Other Service Charges	168,590	216,045	223,930	224,930	225,140	0.09%	225,350	225,570
Business Unit Total: Civic Center Maintenance	240,412	303,120	297,650	339,840	355,530	4.62%	358,670	361,870
Business Unit: 757 Cemetery Maintenance 101.751.30.757								
Personal Services	22,943	7,874	5,560	9,040	9,440	4.42%	9,690	9,940
Supplies	-	83	-	-	-	0.00%	-	-
Other Service Charges	15,989	7,174	13,310	13,890	13,930	0.29%	13,980	14,040
Business Unit Total: Cemetery Maintenance	38,932	15,131	18,870	22,930	23,370	1.92%	23,670	23,980

**General Fund
Recreation and Culture**

City Parks

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 758								
Parks Garage								
101.751.30.758								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	2,525	2,599	2,500	3,500	4,000	14.29%	4,500	5,000
Other Service Charges	39,642	43,416	48,560	52,810	61,030	15.57%	62,090	63,170
Business Unit Total:								
Parks Garage	42,167	46,015	51,060	56,310	65,030	15.49%	66,590	68,170
Business Unit: 759								
Athletic Field								
Maintenance								
101.751.30.759								
Personal Services	62,286	69,274	72,480	112,810	120,240	6.59%	123,420	126,670
Supplies	15,019	15,911	16,000	23,000	23,700	3.04%	24,400	24,900
Other Service Charges	153,898	153,246	153,090	159,090	158,110	-0.62%	159,330	160,650
Business Unit Total:								
Athletic Field								
Maintenance	231,203	238,431	241,570	294,900	302,050	2.42%	307,150	312,220

**General Fund
Recreation and Culture**

City Parks

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 770 Parks Maintenance 101.751.30.770								
Personal Services	275,787	252,261	299,210	305,040	306,200	0.38%	314,070	322,160
Supplies	55,955	89,290	62,600	75,200	78,000	3.72%	79,630	81,290
Other Service Charges	380,771	417,567	564,890	523,428	517,610	-1.11%	526,590	533,610
Business Unit Total: Parks Maintenance	712,514	759,119	926,700	903,668	901,810	-0.21%	920,290	937,060
Business Unit: 772 Park Equipment Repair 101.751.30.772								
Personal Services	95,271	118,021	122,120	70,210	70,870	0.94%	72,770	74,690
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	3,717	4,799	5,290	3,500	3,600	2.86%	3,700	3,800
Business Unit Total: Park Equipment Repair	98,988	122,820	127,410	73,710	74,470	1.03%	76,470	78,490

**General Fund
Recreation and Culture**

City Parks

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 773								
Parks - Special Events								
101.751.30.773								
Personal Services	32,301	37,817	56,250	18,690	19,190	2.68%	19,700	20,230
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	5,032	4,669	8,000	12,000	11,500	-4.17%	11,750	12,000
Business Unit Total:								
Special Events	37,333	42,486	64,250	30,690	30,690	0.00%	31,450	32,230
Business Unit: 774								
Major Tree								
Maintenance								
101.751.30.774								
Personal Services	2,425	2,823	8,100	24,340	25,150	3.33%	25,820	26,500
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	13	247	250	500	500	0.00%	500	500
Business Unit Total:								
Major Tree								
Maintenance	2,438	3,070	8,350	24,840	25,650	3.26%	26,320	27,000

**General Fund
Recreation and Culture**

City Parks

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 775								
Major Tree Planting								
101.751.30.775								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	152	-	-	-	0.00%	-	-
Other Service Charges	-	-	-	-	-	0.00%	-	-
Business Unit Total:								
Major Tree Planting	-	152	-	-	-	0.00%	-	-
Major Tree Storm Damage								
101.751.30.776								
Personal Services	30	2,753	5,340	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	10	1,033	200	200	200	0.00%	200	200
Business Unit Total:								
Major Tree Storm Damage	40	3,786	5,540	200	200	0.00%	200	200

**General Fund
Recreation and Culture**

City Parks

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 777								
Local Tree Maintenance								
101.751.30.777								
Personal Services	186,579	140,644	132,780	167,550	174,720	4.28%	179,300	184,040
Supplies	2,196	2,412	3,000	4,000	3,100	-22.50%	3,200	3,300
Other Service Charges	393,751	333,565	320,730	435,630	375,640	-13.77%	378,650	380,660
Business Unit Total:								
Local Tree Maintenance	582,526	476,621	456,510	607,180	553,460	-8.85%	561,150	568,000
Business Unit: 778								
Local Tree Planting								
101.751.30.778								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	111,409	97,152	145,110	145,110	148,010	2.00%	150,970	153,990
Other Service Charges	-	-	150	300	300	0.00%	300	300
Business Unit Total:								
Local Tree Planting	111,409	97,152	145,260	145,410	148,310	1.99%	151,270	154,290

**General Fund
Recreation and Culture**

City Parks

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Local Tree Storm Damage								
101.751.30.779								
Personal Services	10,183	12,952	20,000	50,020	51,660	3.28%	53,030	54,440
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	3,230	3,574	4,000	5,000	5,100	2.00%	5,200	5,300
Business Unit Total: Local Tree Storm Damage	13,413	16,526	24,000	55,020	56,760	3.16%	58,230	59,740
Business Unit: 780 Street Island Maint.- Major								
101.751.30.780								
Personal Services	370	317	1,250	4,000	4,170	4.25%	4,280	4,390
Supplies	177	-	300	500	500	0.00%	500	500
Other Service Charges	89,099	92,061	109,090	108,300	114,310	5.55%	116,830	119,350
Business Unit Total: Street Island Maint.- Major	89,646	92,378	110,640	112,800	118,980	5.48%	121,610	124,240

**General Fund
Recreation and Culture**

City Parks

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 781 Street Island Maint.- Local								
101.751.30.781								
Personal Services	230	1,390	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	53	314	140	240	240	0.00%	250	260
Business Unit Total: Street Island Maint.- Local	283	1,704	140	240	240	0.00%	250	260
Business Unit: 782 Street Island Maint.- Northfield								
101.751.30.782								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	-	-	-	-	-	0.00%	-	-
Business Unit Total: Street Island Maint.- Northfield	-	-	-	-	-	0.00%	-	-

**General Fund
Recreation and Culture**

City Parks

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 783 Street Island Maint.- DDA								
101.751.30.783								
Personal Services	24,774	47,438	48,160	28,770	56,800	97.43%	58,290	59,810
Supplies	1,521	1,525	1,600	3,000	35,200	1073.33%	3,400	3,500
Other Service Charges	113,924	137,134	182,520	151,520	184,030	21.46%	186,590	189,200
Business Unit Total: Street Island Maint.- DDA	140,219	186,097	232,280	183,290	276,030	50.60%	248,280	252,510
Division Total: Parks	2,432,260	2,493,472	2,860,180	2,978,478	3,070,880	3.10%	3,093,600	3,146,020
Department Total: City Parks	\$ 2,432,260	\$ 2,493,472	\$ 2,860,180	\$ 2,978,478	\$ 3,070,880	3.10%	\$ 3,093,600	\$ 3,146,020

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

Administration

- » 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

Administration (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

Recreation

PERFORMANCE INDICATORS

Performance Indicator	2015/16 Actual	2016/17 Actual	2017/18 Projected	2018/19 Budget
Number Community Center pass holders	7,120	7,189	7,225	7,240
Number of Room Rentals	2,100	3,211	2,325	3,425
Number of Recreation Program Room Reservations	7,648	7,910	8,100	8,179
Number of Recreation Program Registrations	17,403	17,588	17,700	17,722
Park Shelter Reservations *	534	517	*460	525
Fitness Area Visits	340,000	351,899	352,750	353,111
Senior Program Attendance (not including Friends of Troy Seniors)	113,884	119,703	121,010	121,500
Swim Lessons - Indoor	3,120	2,504	2,600	2,650
Total Pool Attendance - Indoor	131,410	131,821	134,900	134,980
Aqua Swim Camp Registrations	85	NA	NA	NA
Camp Enrollments	1,806	2,268	2,375	2,300

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

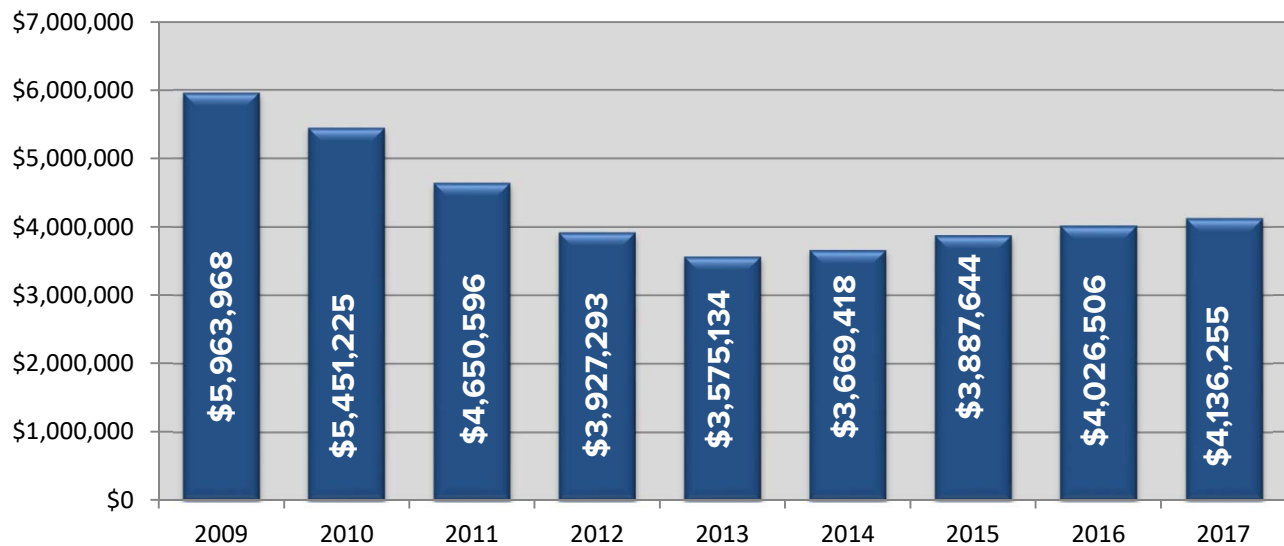
Summary of Budget Changes

- Significant Notes - 2018/19 Budget Compared to 2017/18 Budget***

Non noted.

Personnel Summary	2016 Budget		2017 Budget		2018 Budget		2019 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Recreation Department	6.0	40.4	6.5	41.4	7.5	47.3	7.5	46.9
Total Department	6.0	40.4	6.5	41.4	7.5	47.3	7.5	46.9

- Operating Budget History - Recreation***



**General Fund
Recreation and Culture**

Recreation

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
FUND								
Expenditures								
Recreation								
Business Unit: 00								
Recreation								
Administration								
101.752.00.752								
Personal Services	\$ 348,807	\$ 364,176	\$ 408,830	\$ 398,690	\$ 434,900	9.08%	\$ 446,410	\$ 458,250
Supplies	49,532	56,480	52,000	52,000	53,000	1.92%	54,000	54,000
Other Service Charges	397,624	415,904	472,720	471,730	534,410	13.29%	538,760	543,100
Business Unit Total:								
Recreation								
Administration	795,963	836,560	933,550	922,420	1,022,310	10.83%	1,039,170	1,055,350
Business Unit: 753								
Recreation								
101.752.31.753								
Personal Services	485,461	486,429	501,830	506,940	528,440	4.24%	542,070	556,100
Supplies	77,731	84,839	96,000	91,000	98,100	7.80%	100,200	102,300
Other Service Charges	296,734	308,260	349,980	390,480	356,200	-8.78%	364,420	370,640
Business Unit Total:								
Recreation	859,926	879,529	947,810	988,420	982,740	-0.57%	1,006,690	1,029,040

**General Fund
Recreation and Culture**

Recreation

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 754								
Senior Programs								
101.752.31.754								
Personal Services	66,639	62,900	117,190	192,980	142,490	-26.16%	146,140	149,910
Supplies	11,109	7,773	20,000	50,700	50,700	0.00%	50,700	50,700
Other Service Charges	110,967	142,808	154,130	162,130	167,320	3.20%	172,610	177,610
Business Unit Total: Senior Programs	188,714	213,481	291,320	405,810	360,510	-11.16%	369,450	378,220
Business Unit: 755								
Community Center								
101.752.31.755								
Personal Services	829,793	965,245	994,060	989,710	1,017,540	2.81%	1,043,410	1,069,950
Supplies	294,442	259,378	252,000	452,100	257,100	-43.13%	261,100	263,100
Other Service Charges	1,057,668	982,062	1,089,430	1,124,320	1,241,550	10.43%	1,265,880	1,289,590
Business Unit Total: Community Center	2,181,902	2,206,685	2,335,490	2,566,130	2,516,190	-1.95%	2,570,390	2,622,640
Department Total: Recreation Department	\$ 4,026,506	\$ 4,136,255	\$ 4,508,170	\$ 4,882,780	\$ 4,881,750	-0.02%	\$ 4,985,700	\$ 5,085,250

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

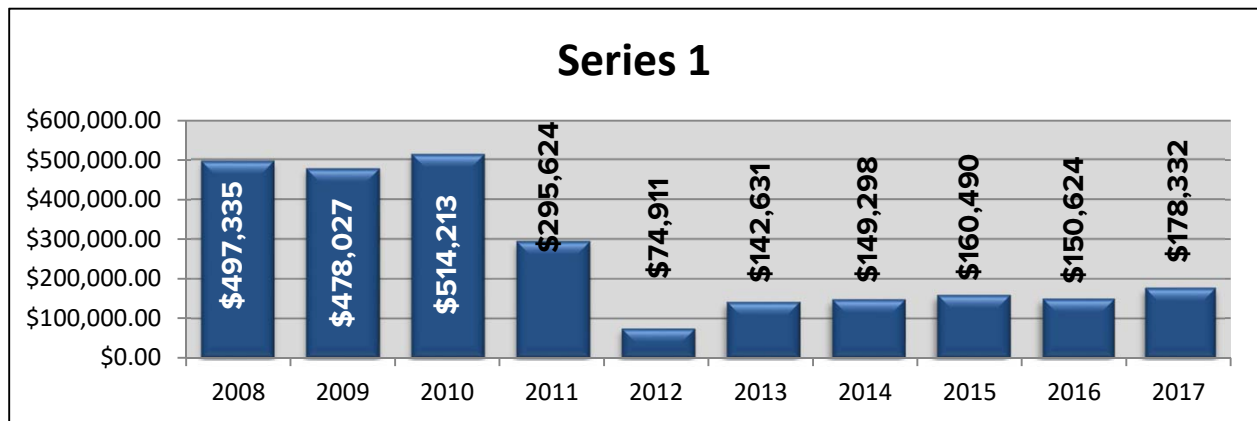
SUMMARY OF BUDGET CHANGES_HISTORIC VILLAGE/NATURE CENTER

- Significant Notes - 2017/18 Budget Compared to 2018/19 Budget**

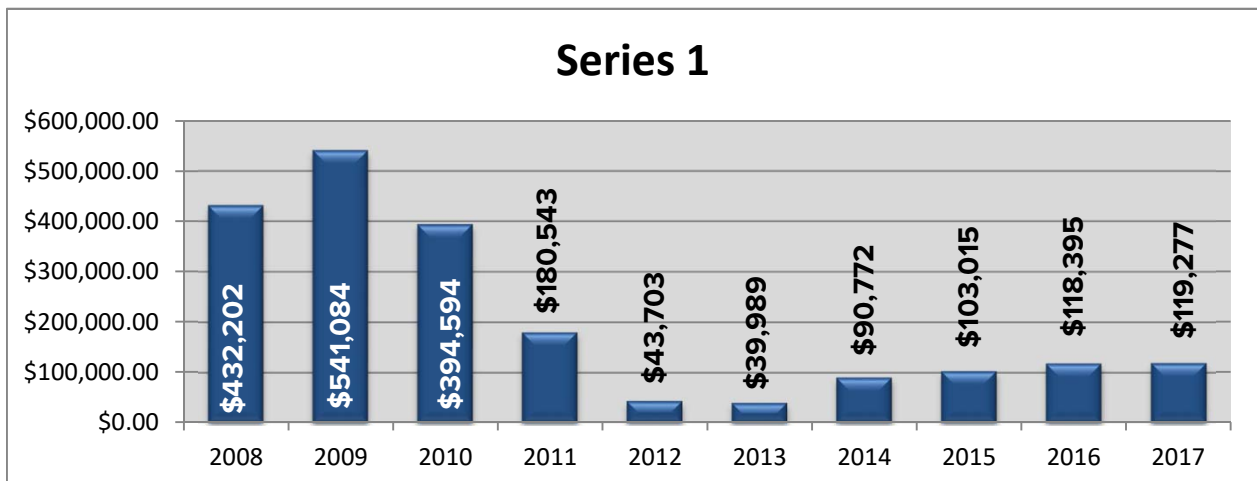
In addition to providing building and ground routine maintenance, the City appropriates \$100,00 each to the Troy Historic Village Society and the Troy Nature Society to provide management and programming services.

Personnel Summary	2015/16 Actual		2016/17 Actual		2017/18 Projected		2018/19 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Historic Village	0.19	0.1	0.31	0	0.31	0.1	0.31	0.1
Total Department	0.19	0.1	0.31	0	0.31	0.1	0.31	0.1

- Operating Budget History For Historic Village**



- Operating Budget History For Nature Center**



**General Fund
Recreation and Culture**

Nature Center

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 771 Nature Center								
Business Unit: 771 Nature Center								
101.//1.00.//1								
Personal Services	\$ 4,724	\$ 3,917	\$ 14,410	\$ -	\$ -	0.00%	\$ -	\$ -
Supplies	2,511	1,802	2,800	2,800	2,800	0.00%	2,800	2,800
Other Service Charges	111,160	113,558	147,400	143,830	144,670	0.58%	145,170	145,170
Business Unit Total: Nature Center	118,395	119,277	164,610	146,630	147,470	0.57%	147,970	147,970
Department Total: Nature Center	\$ 118,395	\$ 119,277	\$ 164,610	\$ 146,630	\$ 147,470	0.57%	\$ 147,970	\$ 147,970

**General Fund
Recreation and Culture**

Historic Village

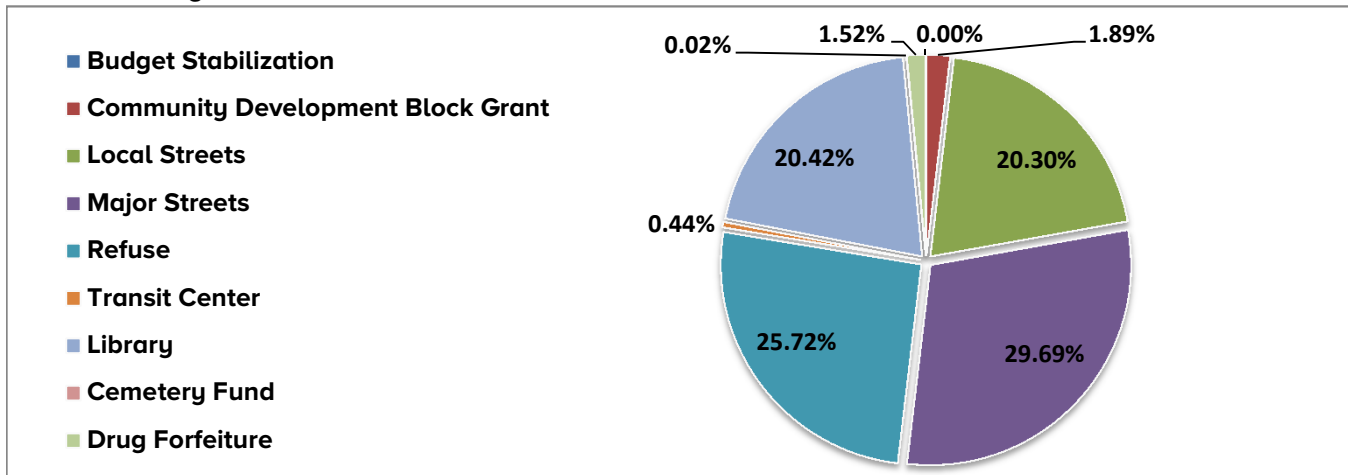
	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 101 GENERAL FUND								
Expenditures								
Department: 804 Historic Village								
Business Unit: 802 Operations 101.804.00.802								
Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	75,000	100,000	100,000	100,000	100,000	0.00%	100,000	100,000
Business Unit Total: Operations	75,000	100,000	100,000	100,000	100,000	0.00%	100,000	100,000
Business Unit: 804 Village Buildings 101.804.00.804								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	5,758	3,891	12,000	3,000	8,000	166.67%	8,160	8,320
Other Service Charges	48,419	57,672	69,740	69,210	76,440	10.45%	78,450	80,340
Business Unit Total: Village Buildings	54,177	61,563	81,740	72,210	84,440	16.94%	86,610	88,660
Business Unit: 804 Village Grounds 101.804.00.807								
Personal Services	11,501	7,074	15,250	40,090	41,160	2.67%	42,270	43,400
Supplies	1,027	-	-	-	-	0.00%	-	-
Other Service Charges	8,920	9,696	22,800	15,800	15,800	0.00%	15,800	15,800
Business Unit Total: Village Grounds	21,447	16,770	38,050	55,890	56,960	1.91%	58,070	59,200
Department Total: Historic Village	\$ 150,624	\$ 178,332	\$ 219,790	\$ 228,100	\$ 241,400	5.83%	\$ 244,680	\$ 247,860

A map of Troy, Michigan, with a diagonal line running from the bottom left to the top right. The area to the left of the line is light gray, and the area to the right is dark blue. The text "Special Revenues" is written in white, serif font across the bottom half of the map. Various streets and landmarks are labeled, including Auburn Rd, W South Blvd, Chrysler Fwy, and Troy Police Training Center.

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

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.

• *CDBG Grant*

\$390,000

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*

\$4,193,100

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*

\$6,133,300

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*

\$5,312,510

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

Special Revenue Funds**· *Library Fund* *\$4,218,330***

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* *\$315,000*

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* *90,510*

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* *3,100*

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

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Streets								
<u>REVENUES</u>								
202.000.00.000								
State Grant Revenues	\$ 4,855,713	\$ 4,618,597	\$ 5,950,670	\$ 5,366,100	\$ 5,830,430	8.65%	\$ 5,549,010	\$ 5,549,010
Interest and rents	58,410	495	5,000	25,000	5,000	-80.00%	5,000	5,000
Total Revenues	4,914,123	4,619,092	5,955,670	5,391,100	5,835,430	8.24%	5,554,010	5,554,010
<u>EXPENDITURES</u>								
202.966.00.966								
Other Financing Uses								
Transfers Out for Services and Capital	4,347,952	4,797,666	5,935,180	5,935,180	6,133,300	3.34%	6,252,630	6,310,040
Surplus/(Use) of Fund Balance	566,171	(178,574)	20,490	(544,080)	(297,870)	-45.25%	(698,620)	(756,030)
Beginning Fund Balance	3,345,950	3,912,121	3,733,546	3,733,546	3,754,036	0.55%	3,456,166	2,757,546
Ending Fund Balance	\$ 3,912,121	\$ 3,733,546	\$ 3,754,036	\$ 3,189,466	\$ 3,456,166	8.36%	\$ 2,757,546	\$ 2,001,516

**Special Revenue Funds
Public Works**

Local Streets

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 203 Local Streets								
<u>REVENUES</u>								
203.000.00.000								
State Grant Revenues	\$ 1,581,594	\$ 1,822,201	\$ 2,126,790	\$ 2,113,500	\$ 2,296,920	8.68%	\$ 2,186,060	\$ 2,186,060
Interest and rents	48,398	352	5,000	24,700	5,000	-79.76%	5,000	5,000
Total Revenues	1,629,992	1,822,553	2,131,790	2,138,200	2,301,920	7.66%	2,191,060	2,191,060
Other Financing Sources								
Transfers In from Major Streets	500,000	500,000	1,000,000	1,000,000	1,000,000	0.00%	1,000,000	1,000,000
Total Revenues and Other Sources	2,129,992	2,322,553	3,131,790	3,138,200	3,301,920	5.22%	3,191,060	3,191,060
<u>EXPENDITURES</u>								
203.966.00.966								
Other Financing Uses								
Transfers Out for Services and Capital	2,561,201	2,281,295	3,028,550	3,577,710	4,193,100	17.20%	3,690,660	3,749,160
Surplus/(Use) of Fund Balance	(431,209)	41,258	103,240	(439,510)	(891,180)	102.77%	(499,600)	(558,100)
Beginning Fund Balance	3,192,451	2,761,242	2,802,499	2,802,499	2,905,739	3.68%	2,014,559	1,514,959
Ending Fund Balance	\$ 2,761,242	\$ 2,802,499	\$ 2,905,739	\$ 2,362,989	\$ 2,014,559	-14.75%	\$ 1,514,959	\$ 956,859

REFUSE AND RECYCLING

Public Works Director | Kurt Bovensiep
Public Works 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 SOCRRRA board
- » Maintains, and monitors collection counts
- » Reviews and approves service billings from SOCRRRA

Refuse and Recycling

PERFORMANCE INDICATORS

Performance Indicator	2015/16 Actual	2016/17 Actual	2017/18 Projected	2018/19 Budget
Total Refuse/Recycling Collected in Tons	42,201	43,146	43,200	43,600
Refuse Collect in Tons	28,461	28,475	28,000	28,000
Compost Collected in Tons	9,178	9,580	9,100	9,100
Recyclables Collected in Tons	4,566.00	5,091	6,100	6,500
% of Total Refuse Composted	22%	22%	21%	21%
% of Total Refuse Recycled	11%	12%	14%	15%
Refuse and Recycling Collection Costs Per Capita	55.95	59.39	61.82	64.53

Notes on Performance Indicators

- Goal: To educate residents about curbside collection of mixed recycling, refuse and compost through personal contact, brochures and articles.
- Increase recycling through simplified recycling guidelines, curbside mixed recycling collection and continued distribution of City issued larger compacity recycling carts.
- Increased Per Capita costs due to renovating SOCRRA's recycling facility, City issued 64-gallon recycling containers to each single family home and Tringali Direct Customer Service Program.

Refuse and Recycling

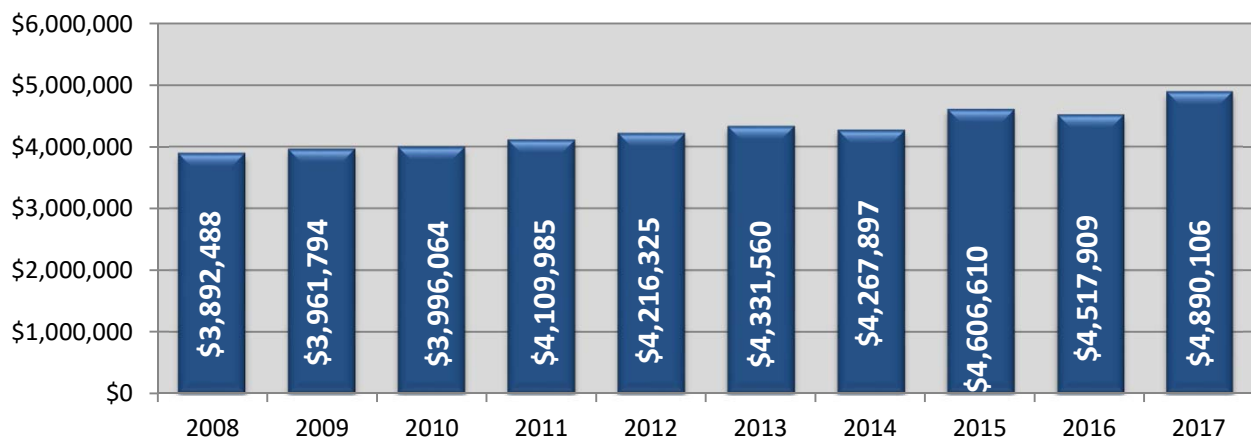
SUMMARY OF BUDGET CHANGES

- Significant Notes - 2018/19 Budget Compared to 2017/18 Budget***

Contractor collection costs will increase 3.3% for the 2018-2019 fiscal year due to a 14.7% increase in fuel costs from 2016 to 2017 and a 2.7% increase in the CPI index. SOCRRA opened their newly renovated mixed recycling facility in February of 2018, increasing output by 28% and processing 180,000lbs of recycling per day. New larger capacity 64-gallon recycling carts were delivered to 24,288 single family homes, duplexes and condos during the 2017-2018 fiscal year. Overall, mixed recycling will have a total increase of approximately 4% to the refuse budget which does not require a change in the current millage rate in the 2018/19 fiscal year. However, the City will closely monitor this fund as long-term projections indicate that a millage increase may be required in the future.

Personnel Summary	2016 Budget		2017 Budget		2018 Budget		2019 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	0.28	0	0.28	0
Total Department	0.25	0.2	0.2	0.3	0.28	0	0.28	0

- Operating Budget History***



Refuse Fund

Special Revenue Funds Sanitation

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 226 Refuse Fund								
<u>REVENUES</u>								
Department: 000 Revenue								
Business Unit: 226 Revenues								
226.000.00.000								
Tax Revenues	\$ 4,733,992	\$ 4,764,992	\$ 4,914,000	\$ 4,918,360	\$ 5,105,920	3.81%	\$ 5,206,480	\$ 5,306,250
Federal Grants	-	-	-	-	-	0.00%	-	-
Charges for Services	8,630	8,199	1,500	-	5,500	100.00%	5,500	5,500
Interest and rents	30,676	277	10,000	14,000	10,000	-28.57%	10,000	10,000
Total Revenues	4,773,298	4,773,468	4,925,500	4,932,360	5,121,420	3.83%	5,221,980	5,321,750
<u>EXPENDITURES</u>								
Business Unit: 530 Refuse and Recycling								
226.530.00.530								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	4,347,891	4,754,995	4,950,000	4,950,000	5,141,000	3.86%	5,260,000	5,400,000
Business Unit Total: Refuse And Recycling	4,347,891	4,754,995	4,950,000	4,950,000	5,141,000	3.86%	5,260,000	5,400,000
Business Unit: 531 Other Refuse Expenditures								
226.530.00.531								
Personal Services	10,136	7,672	13,460	34,150	36,500	6.88%	37,480	38,460
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	115,777	98,558	99,130	108,530	102,130	-5.90%	103,140	103,140
Business Unit Total: Other Refuse Expenditures	125,913	106,230	112,590	142,680	138,630	-2.84%	140,620	141,600

Refuse Fund

Special Revenue Funds Sanitation

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 532 Recycling								
226.530.00.532								
Personal Services	22,732	10,864	10,080	10,130	11,080	9.38%	11,380	11,690
Supplies	11,614	9,306	3,700	16,100	7,200	-55.28%	7,200	7,200
Other Service Charges	9,759	8,711	11,590	13,490	14,600	8.23%	14,610	14,610
Business Unit Total: Recycling	44,105	28,881	25,370	39,720	32,880	-17.22%	33,190	33,500
Total Expenditures	4,517,909	4,890,106	5,087,960	5,132,400	5,312,510	3.51%	5,433,810	5,575,100
Surplus/(Use) of Fund Balance	255,389	(116,638)	(162,460)	(200,040)	(191,090)	-4.47%	(211,830)	(253,350)
Beginning Fund Balance	730,570	985,959	869,321	869,321	706,861	-18.69%	515,771	303,941
Ending Fund Balance	\$ 985,959	\$ 869,321	\$ 706,861	\$ 669,281	\$ 515,771	-22.94%	\$ 303,941	\$ 50,591

Transit Center

Special Revenue Funds

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 234 Transit Center Fund								
<u>REVENUES</u>								
Department: 000 Revenue								
Business Unit: 234 Transit Center								
234.000.00.000								
Charges for Services - Amtrak	49,189	68,456	75,040	82,550	90,510	9.64%	91,850	93,180
Interest and rents	-	-	-	-	-	0.00%	-	-
Other Revenue	9,515	-	-	-	-	0.00%	-	-
Total Revenues	58,704	68,456	75,040	82,550	90,510	9.64%	91,850	93,180
<u>EXPENDITURES</u>								
Business Unit: 234 Sponsored Costs								
234.234.00.234								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	2,642	-	-	-	0.00%	-	-
Other Service Charges	77	9,478	-	-	-	0.00%	-	-
Business Unit Total: Sponsored Costs	77	12,120	-	-	-	0.00%	-	-
Business Unit: 265 Building Maintenance								
234.265.00.265								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	3,262	1,839	2,750	5,830	5,080	-12.86%	5,180	5,270
Other Service Charges	51,015	60,984	67,290	70,150	78,860	12.42%	80,100	81,340
Business Unit Total: Building Maintenance	54,277	62,823	70,040	75,980	83,940	10.48%	85,280	86,610

Transit Center

Special Revenue Funds

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 285 Grounds Maintenance								
234.285.00.285								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	5,191	5,634	5,000	6,570	6,570	0.00%	6,570	6,570
Business Unit Total: Grounds Maintenance	5,191	5,634	5,000	6,570	6,570	0.00%	6,570	6,570
Total Expenditures	59,544	80,576	75,040	82,550	90,510	9.64%	91,850	93,180
Surplus/(Use) of Fund Balance	(840)	(12,120)	-	-	-	0.00%	-	-
Beginning Fund Balance	24,497	23,657	11,537	11,537	11,537	0.00%	11,537	11,537
Ending Fund Balance	\$ 23,657	\$ 11,537	\$ 11,537	\$ 11,537	\$ 11,537	0.00%	\$ 11,537	\$ 11,537

**Special Revenue Funds
General Government**

Budget Stabilization

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 257 Budget Stabilization								
<u>REVENUES</u>								
257.000.00.000								
Interest Income	24,324	194	3,000	12,000	3,000	-75.00%	3,000	3,000
<u>EXPENDITURES</u>								
257.966.00.966								
Other Financing Uses								
Transfers Out for Budget Stabilization	-	-	-	-	-	0.00%	-	-
Surplus/(Use) of Fund Balance	24,324	194	3,000	12,000	3,000	-75.00%	3,000	3,000
Beginning Fund Balance	1,538,879	1,563,203	1,563,397	1,563,397	1,566,397	0.19%	1,569,397	1,572,397
Ending Fund Balance	\$ 1,563,203	\$ 1,563,397	\$ 1,566,397	\$ 1,575,397	\$ 1,569,397	-0.38%	\$ 1,572,397	\$ 1,575,397

**Special Revenue Funds
Public Safety**

Drug Forfeiture

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 265 Drug Forfeiture								
REVENUES								
265.000.00.000								
Fines and Forfeitures	\$ 92,185	\$ 325,333	\$ 286,000	\$ 175,000	\$ 131,000	-25.14%	\$ 131,000	\$ 131,000
Interest and rents	11,230	117	2,000	4,000	2,000	-50.00%	2,000	2,000
Total Revenues	103,415	325,450	288,000	179,000	133,000	-25.70%	133,000	133,000
EXPENDITURES								
265.321.00.321								
Operating								
Supplies	48,311	48,295	137,000	102,000	102,000	0.00%	102,000	102,000
Other Financing Uses								
Transfers Out to Capital	-	9,500	501,590	329,090	213,000	-35.28%	40,000	73,000
Total Expenditures and Other Uses	48,311	57,795	638,590	431,090	315,000	-26.93%	142,000	175,000
Surplus/(Use) or Fund Balance	55,104	267,656	(350,590)	(252,090)	(182,000)	-27.80%	(9,000)	(42,000)
Beginning Fund Balance	683,465	738,569	1,006,225	1,006,225	655,635	-34.84%	473,635	464,635
Ending Fund Balance	\$ 738,569	\$ 1,006,225	\$ 655,635	\$ 754,135	\$ 473,635	-37.19%	\$ 464,635	\$ 422,635

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	2015/16 Actual	2016/17 Actual	2017/18 Projected	2018/19 Budget
Annual Library Visits	452,881	408,784	403,000	405,000
Items Circulated	1,277,785	1,237,308	1,225,000	1,230,000
Program Attendance	27,204	29,842	30,000	31,000
New Library Cards Added	5,256	7,125	6,736	7,000
Total Number Library Cards	50,203	61,362	65,000	67,000
Electronic Resources Usage	96,130	99,410	100,000	101,000
Annual Visits/Capita	5.59	4.99	4.98	4.98
Annual Circulation/Capita	16	15	15	15
Hits on Library Website	628,511	380,495	385,000	390,000
Social Media Followers	2,986	3,500	4,000	5,000
Number of Library Volunteers	175	175	175	175

Notes on Performance Indicators

- Circulation and visits to the Library decreased slightly, due to Christmas & New Year's holidays fell over Saturday and Sunday, so the Library was closed for two, 4-day weekends in a row (representing 6 days of lost circulation/usage). EBook checkouts continues to rise. 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. TPL's social media presence continues to increase.

Library

SUMMARY OF BUDGET CHANGES

- **Significant Notes - 2018/19 Budget Compared to 2017/18 Budget**

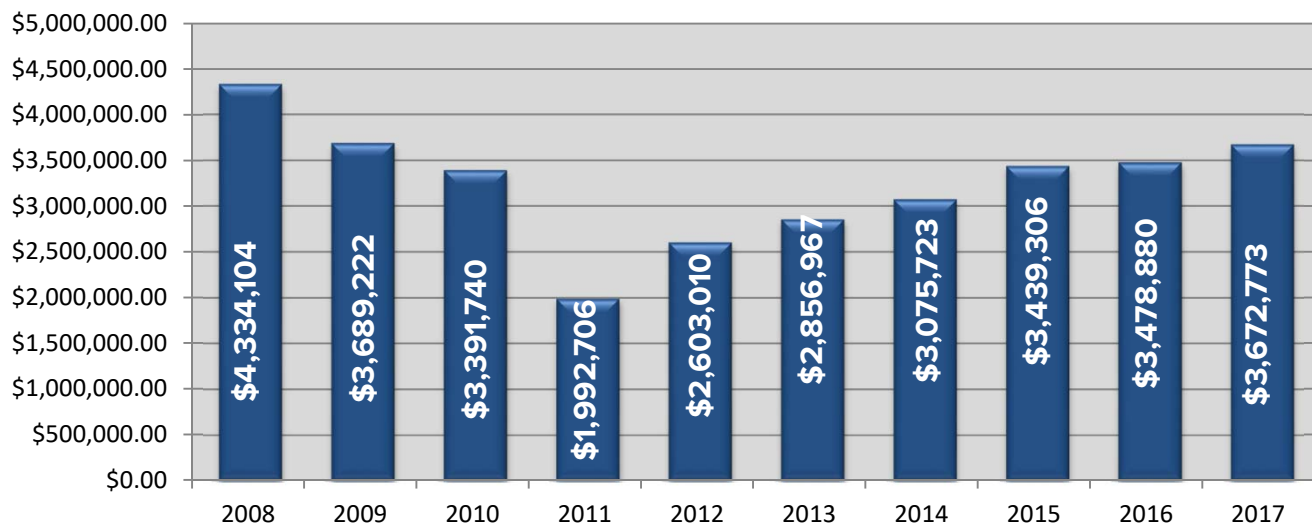
- Critical building repairs continue, with the addition of Emergency Lights. Youth Services renovations also continue, with a redesign of the area and new furniture.
- The Adult Services area will be recarpeted.

Personal Service

Personal Service increase is largely due to the ongoing yearly increase in the minimum wage, as well as longevity of many full time staff members.

Personnel Summary	2016 Budget		2017 Budget		2018 Budget		2019 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Library	8.5	32.8	9.5	30.3	10.5	30.9	10.5	31.1
Total Department	8.5	32.8	9.5	30.3	10.5	30.9	10.5	31.1

- **Operating Budget History**



Library

Special Revenue Funds

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 271 Library								
<u>REVENUES</u>								
Department: 000								
Revenue								
Business Unit: 721								
Planning								
271.000.00.000								
Tax Revenues	\$ 3,083,735	\$ 3,110,616	\$ 3,182,250	\$ 3,210,790	\$ 3,283,230	2.26%	\$ 3,347,920	\$ 3,412,110
State Grant Revenues	52,954	26,302	26,670	25,000	26,670	6.68%	26,670	26,670
Local Contributions	171,283	165,998	165,430	172,000	156,000	-9.30%	151,000	151,000
Charges for Services	23,944	22,145	27,390	28,060	26,050	-7.16%	23,850	23,650
Fines and Forfeitures	107,710	97,298	98,000	110,000	90,000	-18.18%	85,000	80,000
Interest and rents	42,941	2,930	4,000	10,500	4,000	-61.90%	4,000	4,000
Other Revenues	4,654	41,146	16,000	5,000	5,000	0.00%	5,000	5,000
Total Revenues	3,487,221	3,466,434	3,519,740	3,561,350	3,590,950	0.83%	3,643,440	3,702,430
<u>EXPENDITURES</u>								
Business Unit: 271								
Library								
Expenditures for								
Operations								
271.790.00.790								
Personal Services	1,819,157	1,941,713	1,977,850	2,094,500	2,230,820	6.51%	2,361,540	2,422,010
Supplies	104,672	98,427	123,730	114,000	115,000	0.88%	115,000	115,000
Other Service Charges	806,080	826,269	867,340	908,665	932,510	2.62%	917,640	924,300
Total Operating								
Expenditures	2,729,909	2,866,410	2,968,920	3,117,165	3,278,330	5.17%	3,394,180	3,461,310

Library

Special Revenue Funds

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Other Financing Uses								
271.790.00.790								
Office Equipment	-	-	-	-	-	0.00%	-	-
Library Collection and Capital Expenditures	748,970	806,363	745,000	745,000	940,000	26.17%	595,000	310,670
Total Expenditures	3,478,880	3,672,773	3,713,920	3,862,165	4,218,330	9.22%	3,989,180	3,771,980
Surplus/(Use) of Fund								
Balance	8,341	(206,339)	(194,180)	(300,815)	(627,380)	108.56%	(345,740)	(69,550)
Beginning Fund Balance	1,457,815	1,466,156	1,259,817	1,259,817	1,065,637	-15.41%	438,257	92,517
Ending Fund Balance	\$ 1,466,156	\$ 1,259,817	\$ 1,065,637	\$ 959,002	\$ 438,257	-54.30%	\$ 92,517	\$ 22,967

**Special Revenue Funds
Community Development**

Community Development Block Grant

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 280 COMMUNITY DEVELOPMENT BLOCK GRANT								
<u>REVENUES</u>								
280.000.00.000								
Federal Grants	\$ 239,282	\$ 75,376	\$ 43,000	\$ 193,000	\$ 390,000	102.07%	\$ 45,000	\$ 45,000
<u>EXPENDITURES</u>								
Business Unit: 733 Home Chore Program								
280.733.00.733								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	30,802	36,381	43,000	43,000	45,000	4.65%	45,000	45,000
Business Unit Total: Home Chore Program	30,802	36,381	43,000	43,000	45,000	4.65%	45,000	45,000

**Special Revenue Funds
Community Development**

Community Development Block Grant

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 735 CDBG Administration								
280.735.00.735								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	-	-	-	-	-	0.00%	-	-
Business Unit Total: CDBG Administration	-	-	-	-	-	0.00%	-	-
Business Unit: 736 Park Pathway								
280.736.00.736								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	-	-	-	-	-	0.00%	-	-
Business Unit Total: Local Guard Rails & Posts	-	-	-	-	-	0.00%	-	-

**Special Revenue Funds
Community Development**

Community Development Block Grant

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 737 S/A Project Paving 280.737.00.737								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	-	-	-	-	-	0.00%	-	-
Business Unit Total: S/A Project Paving	-	-	-	-	-	0.00%	-	-
Business Unit: 738 Minor Home Repair 280.738.00.738								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	-	-	-	-	-	0.00%	-	-
Business Unit Total: Minor Home Repair	-	-	-	-	-	0.00%	-	-

**Special Revenue Funds
Community Development**

Community Development Block Grant

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 739 Architectural Barriers								
280.739.00.739								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	81,750	-	-	-	-	0.00%	-	-
Transfers to Capital	-	-	-	-	-	0.00%	-	-
Business Unit Total: Architectural Barriers	81,750	-	-	-	-	0.00%	-	-

**Special Revenue Funds
Community Development**

Community Development Block Grant

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 745 CDBG Tree Planting								
280.745.00.745								
Personal Services	-	4,416	-	-	-	0.00%	-	-
Supplies	-	5,000	-	-	-	0.00%	-	-
Other Service Charges	-	566	-	-	-	0.00%	-	-
Business Unit Total: Section 36 Storm Sewer	-	9,983	-	-	-	0.00%	-	-
Business Unit: 741 Other Financing Uses								
280.741.00.741								
Other Service Charges	126,730	29,013	-	150,000	345,000	130.00%	-	-
Business Unit Total: 741 Other Financing Uses	126,730	29,013	-	150,000	345,000	130.00%	-	-
Total Expenditures	239,282	75,376	43,000	193,000	390,000	102.07%	45,000	45,000
Surplus/(Use) of Fund Balance	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-		-	-
Ending Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -

Cemetery Fund

Special Revenue Funds
General Government

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 150 Cemetery Fund								
<u>REVENUES</u>								
Department: 000 Revenue								
Business Unit: 234 Transit Center								
150.000.00.000								
Charges for Services	2,900	5,925	4,000	1,000	4,000	300.00%	4,000	4,000
Interest and rents	3,354	27	200	1,000	200	-80.00%	200	200
Total Revenues	6,254	5,952	4,200	2,000	4,200	110.00%	4,200	4,200
<u>EXPENDITURES</u>								
Business Unit: 150 Cemetery Costs								
150.276.00.276								
Reimburse General Fund	-	-	3,100	2,000	3,100	55.00%	3,100	3,100
Surplus/(Use) of Fund Balance	6,254	5,952	1,100	-	1,100	100.00%	1,100	1,100
Beginning Fund Balance	209,668	215,922	221,874	221,874	222,974	0.50%	224,074	225,174
Ending Fund Balance	\$ 215,922	\$ 221,874	\$ 222,974	\$ 221,874	\$ 224,074	0.99%	\$ 225,174	\$ 226,274



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 (\$5,894,241,720 at December 31, 2016) 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	\$ 29,635,000	10%	\$ 589,424,172	\$ 559,789,172
Emergency Bonds	-	3/8%	22,103,406	22,103,406
Special Assessment Bonds	-	12%	707,309,006	707,309,006
Total Debt	\$ 29,635,000		\$ 1,318,836,585	\$ 1,289,201,585

Debt Summary

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

Description of Debt	Debt Outstanding 6/30/2018	2019 Principal and Interest		
		Principal	Interest	Total
Proposal A - Streets	\$ 2,605,000	\$ 825,000	\$ 95,375	\$ 920,375
Proposal B - Public Safety	3,460,000	1,155,000	111,475	1,266,475
Proposal C - Recreation	1,920,000	615,000	73,975	688,975
Series 2013 - DDA	13,905,000	260,000	663,463	923,463
North Arm Relief Drain	163,812	53,772	3,081	56,853
George W. Kuhn Drain	1,171,140	186,698	27,888	214,586
Total Debt Service	\$ 23,224,952	\$ 3,095,470	\$ 975,257	\$ 4,070,727

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

General Debt Tax Debt Service	2014/15 Actual	2015/16 Actual	2016/17 Actual	2017/18 Estimated	2018/19 Budget
Proposal A - Streets	\$ 950,275	\$ 914,563	\$ 903,150	\$ 890,350	\$ 921,180
Proposal B - Public Safety	1,334,225	1,391,250	1,355,550	1,216,600	1,266,800
Proposal C - Rec. Facilities	753,050	722,600	717,075	696,300	689,000
Total General Debt	\$ 3,037,550	\$ 3,028,413	\$ 2,975,775	\$ 2,803,250	\$ 2,876,980

DDA Capture Debt Service	2014/15 Actual	2015/16 Actual	2016/17 Actual	2017/18 Estimated	2018/19 Budget
2013 Series - DDA	958,688	951,013	941,788	931,500	923,700

Capital Projects Debt Service	2014/15 Actual	2015/16 Actual	2016/17 Actual	2017/18 Estimated	2018/19 Budget
North Arm Relief	\$ 57,136	\$ 56,684	\$ 56,878	\$ 56,712	\$ 56,853
George W. Kuhn	218,587	218,900	216,277	214,128	214,077
Total Capital Projects Debt	\$ 275,723	\$ 275,584	\$ 273,155	\$ 270,840	\$ 270,930

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
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
2031	-	-	-	-	-	1,275,000	227,906	1,502,906	1,502,906
2032	-	-	-	-	-	1,275,000	160,969	1,435,969	1,435,969
2033	-	-	-	-	-	1,275,000	94,031	1,369,031	1,369,031
2034	-	-	-	-	-	1,275,000	30,274	1,305,274	1,305,274
Total	\$ 2,605,000	\$ 3,460,000	\$ 1,920,000	\$ 497,429	\$ 8,482,429	\$ 13,905,000	\$ 6,789,829	\$ 20,694,829	\$ 29,177,258

Schedule of Principle and Interest General Debt Fund

CAPITAL PROJECTS FUNDS

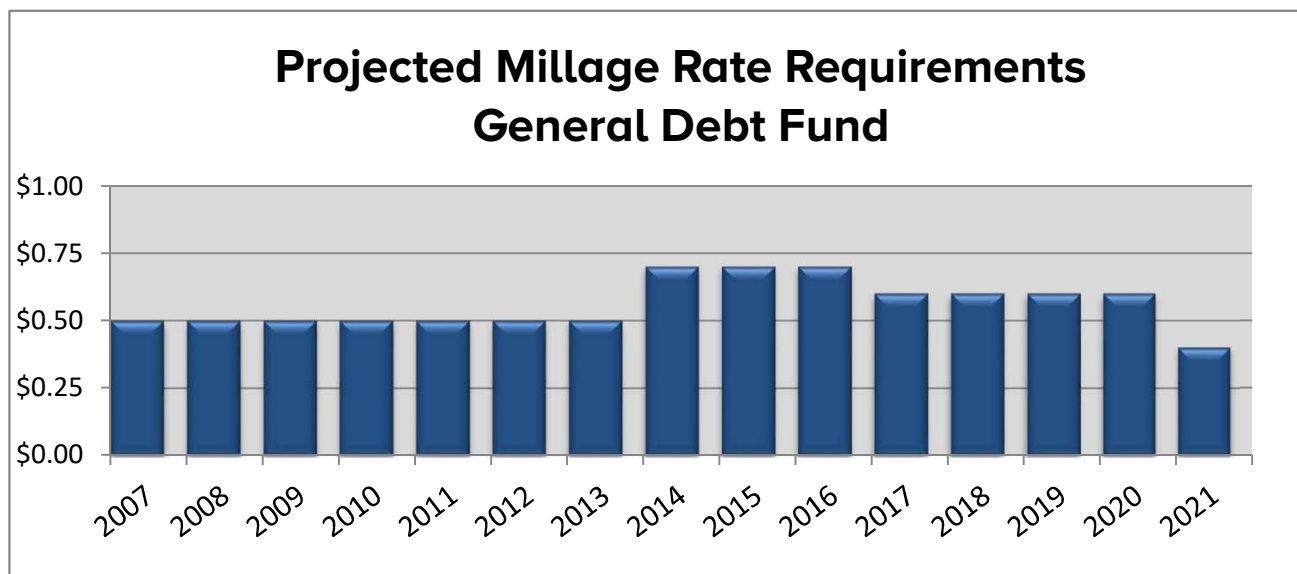
Fiscal Year	George W. Kuhn Drain	North Arm Relief Drain	Interest	Total Capital Debt
2019	186,698	53,772	30,969	271,439
2020	191,051	55,108	25,249	271,408
2021	195,406	54,932	19,408	269,746
2022	200,145	-	14,080	214,225
2023	162,036	-	9,257	171,293
2024	164,407	-	5,320	169,727
2025	16,111	-	1,320	17,431
2026	16,477	-	960	17,437
2027	14,551	-	590	15,141
2028	14,531	-	250	14,781
2029	9,727	-	-	9,727
Total	\$ 1,171,140	\$ 163,812	\$ 107,403	\$ 1,442,355

ENTERPRISE FUNDS

Fiscal Year	Sanctuary Lake Golf Course	Interest	Total Enterprise Debt
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
Total	\$ 7,745,000	\$ 1,073,301	\$ 8,818,301

Schedule of Principal and Interest All Funds

Fiscal Year	General Debt Service Fund	Capital Projects Fund	Enterprise Funds	Total
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
Total	\$ 29,177,258	\$ 1,442,355	\$ 8,818,301	\$ 39,437,914



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

Debt Service Funds
Debt Service

Debt Service

		2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
FUND 301 GENERAL DEBT									
REVENUES									
4402	Property Taxes	\$ 3,106,251	\$ 2,679,988	\$ 2,763,410	\$ 2,765,850	\$ 2,868,800	3.72%	\$ 2,924,950	\$ 1,883,668
4574.050	EMPP/PPEL	-	-	33,190	33,190	33,190	0.00%	33,190	33,190
4665	Interest Income	-	-	10,450	-	10,000	100.00%	9,500	9,000
4669.020	Invest Income	21,542	130	(9,450)	8,000	(9,000)	-212.50%	(8,500)	(8,000)
Total Revenues		3,127,793	2,680,118	2,797,600	2,807,040	2,902,990	3.42%	2,959,140	1,917,858
EXPENDITURES									
7801.010	Administrative Fees	61,500	61,500	61,500	61,500	62,500	1.63%	63,500	64,000
7964	Tax Refunds	14,149	2,163	2,500	8,000	2,500	-68.75%	2,500	2,500
7998	Other Fees	-	-	-	-	-	0.00%	-	-
Total Expenditures		75,649	63,663	64,000	69,500	65,000	-6.47%	66,000	66,500
OTHER FINANCING USES									
8999.355	Transfer Out to Prop A	914,563	903,100	890,350	890,350	921,180	3.46%	897,800	959,610
8999.356	Transfer Out to Prop B	1,391,250	1,355,550	1,216,600	1,216,600	1,266,800	4.13%	1,214,800	1,175,850
8999.357	Transfer Out to Prop C	722,600	717,075	696,300	696,300	689,000	-1.05%	682,600	678,300
Total Other Financing Uses		3,028,413	2,975,725	2,803,250	2,803,250	2,876,980	2.63%	2,795,200	2,813,760

Debt Service

Debt Service Funds Debt Service

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Total Expenditures and Other Financing Uses	3,104,061	3,039,388	2,867,250	2,872,750	2,941,980	2.41%	2,861,200	2,880,260
Surplus/(Use) of Fund Balance	23,732	(359,270)	(69,650)	(65,710)	(38,990)	-40.66%	97,940	(962,402)
Beginning Fund Balance	1,308,640	1,332,372	973,102	973,102	903,452	-7.16%	864,462	962,402
Ending Fund Balance	\$ 1,332,372	\$ 973,102	\$ 903,452	\$ 907,392	\$ 864,462	-4.73%	\$ 962,402	\$ 0
FUND 355 PROPOSAL A BOND DEBT								
OTHER FINANCING SOURCES								
4699.301 Transfer In - Gen. Debt Service	\$ 914,563	\$ 903,100	\$ 890,350	\$ 890,350	\$ 921,180	3.46%	\$ 897,800	\$ 959,610
EXPENDITURES								
7991 Principal	730,000	745,000	760,000	760,000	825,000	8.55%	840,000	940,000
7995 Interest	183,813	157,350	129,550	129,550	95,375	-26.38%	57,000	18,804
7998 Other Fees	750	750	800	800	805	0.63%	800	806
Total Expenditures	914,563	903,100	890,350	890,350	921,180	3.46%	897,800	959,610
Surplus/(Use) of Fund Balance	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
Ending Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -

Debt Service Funds
Debt Service

Debt Service

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
FUND 356 PROPOSAL B BOND DEBT								
<u>OTHER FINANCING SOURCES</u>								
4699.301 Transfer In - Gen. Debt Service	\$ 1,391,250	\$ 1,355,550	\$ 1,216,600	\$ 1,216,600	\$ 1,266,800	4.13%	\$ 1,214,800	\$ 1,175,850
<u>EXPENDITURES</u>								
7991 Principal	1,130,000	1,150,000	1,060,000	1,060,000	1,155,000	8.96%	1,150,000	1,155,000
7995 Interest	261,000	205,300	156,250	156,250	111,475	-28.66%	64,425	20,475
7998 Other Fees	250	250	350	350	325	-7.14%	375	375
Total Expenditures	1,391,250	1,355,550	1,216,600	1,216,600	1,266,800	4.13%	1,214,800	1,175,850
Surplus/(Use) of Fund Balance	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
Ending Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -

Debt Service Funds
Debt Service

Debt Service

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
FUND 357 PROPOSAL C BOND DEBT								
<u>OTHER FINANCING SOURCES</u>								
4699.301 Transfer In - Gen. DS	\$ 722,600	\$ 717,075	\$ 696,300	\$ 696,300	\$ 689,000	-1.05%	\$ 682,600	\$ 678,300
<u>EXPENDITURES</u>								
7991 Principal	580,000	595,000	595,000	595,000	615,000	3.36%	640,000	665,000
7995 Interest	142,600	122,075	101,250	101,250	73,975	-26.94%	42,600	13,300
7998 Other Fees	-	-	50	50	25	-50.00%	-	-
Total Expenditures	722,600	717,075	696,300	696,300	689,000	-1.05%	682,600	678,300
Surplus/(Use) of Fund Balance	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
Ending Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -

Debt Service

Debt Service Funds Debt Service

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
FUND 358 SERIES 2013 DDA								
REVENUES								
4676.248 Charges to DDA	951,013	941,788	931,500	931,500	923,700	-0.84%	914,600	1,013,700
OTHER FINANCING SOURCES								
4698 Bond Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -
4698.100 Bond Premiums	-	-	-	-	-	0.00%	-	-
4699.301 Transfer from DDA	-	-	-	-	-	0.00%	-	-
Total Revenues and Other Sources	951,013	941,788	931,500	931,500	923,700	-0.84%	914,600	1,013,700
EXPENDITURES								
7991 Principal	260,000	260,000	260,000	260,000	260,000	0.00%	260,000	375,000
7995 Interest	690,763	681,663	671,263	671,263	663,463	-1.16%	654,363	638,488
8999.394 Transfer to DDA	-	-	-	-	-	0.00%	-	-
7998 Other Fees	250	125	237	237	237	0.00%	237	212
Total Expenditures	951,013	941,788	931,500	931,500	923,700	-0.84%	914,600	1,013,700
Surplus/(Use) of Fund Balance	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
Ending Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -



WE WANT EVERYONE
TO CHOOSE TROY



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.

Total Capital Projects: **\$ 17,596,430**

The following is a breakdown of the more significant planned capital projects:

- ***Major Streets*** **\$ 6,947,290**
Major renovation of Major and County Roads throughout the City including:
 - ✓ Rochester, Barclay to Trinway (\$2.5 million)
 - ✓ Industrial slab replacement (\$1.6 million)
 - ✓ Major Road slab replacement (\$600K)
- ***Local Streets*** **\$ 3,700,000**
 - ✓ Concrete Slab Replacement (\$1.5 million)
 - ✓ Asphalt Mill and Overlay (\$2.2 million)
- ***Police Department*** **\$ 468,000**
 - ✓ (*) Gun Range improvements (\$200K)
- ***Fire Department*** **\$ 1,880,410**
 - ✓ Replace two Ladder Trucks (\$1.6 million)
- ***Public Works*** **\$ 865,060**
 - ✓ (*) DPW roof replacement (\$450K)
- ***Library*** **\$ 940,000**
 - ✓ Library Materials Collection (\$595K)
- ***Parks*** **\$ 1,340,000**
 - ✓ (*) Trails and Pathways (\$750K)
- ***City Buildings*** **\$ 260,000**
 - ✓ (*) City Entry-Way Signage (\$150K)
 - ✓

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.

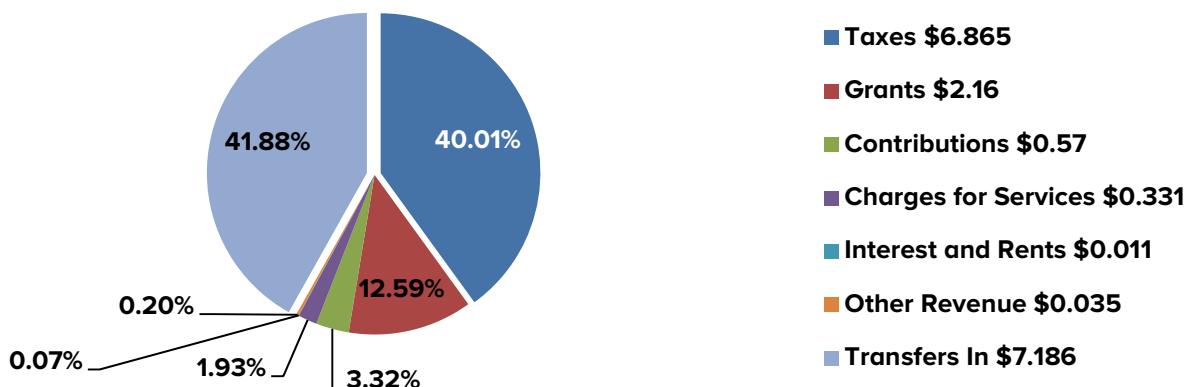
- ***Interest and Rents***

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 Projects Fund Summary

CAPITAL PROJECTS FUND - Significant Nonrecurring Capital Expenditures

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 as described in the Budget Policies section of this document. Below are some of the more significant nonrecurring capital projects budgeted and the related impact on the operating budget.

Projects	Explanations	Cost	Operating Budget Impact
Gun Range Improvements	To update equipment and provide additional sound proofing of facility.	\$200,000	These improvements will provide increased efficiency and reduce excess noise through City Hall. Approximate savings are estimated at \$1,500 per year.
DPW Roof Replacement	To replace existing roof at DPW facility.	\$450,000	This replacement will extend the useful life of the DPW facility by 30 years. Approximate savings are estimated at \$15,000 per year.
Trails and Pathways	Continue trail from Dog Park to Historic Village.	\$750,000	The continuation of the trail and pathway will connect to the Historic Village. Approximate maintenance of additional trail is estimated at \$15,000 per year.
Entry-Way Signage	To carry-over prior year entry-way signage project.	\$150,000	To create attractive gate-way entry to City at specific key points. Approximate maintenance of project is estimated at \$2,000 per year.
Cold-Storage Building Replacement	To carry-over prior year project to replace Cold-Storage Facility at DPW.	\$587,290	To replace existing facility with pre-fabricated building unit with estimated life of 30 years. Approximate savings are estimated at \$20,000 annually.

**Capital Outlay
Detail**

Capital Projects Fund

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
REVENUES								
Fund: 401 Capital Projects								
Department: 000 CP Revenues								
401.000.00.000								
Taxes	6,771,668	6,815,995	6,867,970	7,035,290	6,865,190	-2.42%	7,000,340	7,134,430
Grants	2,926,580	725,778	631,040	952,000	2,160,000	126.89%	2,000,000	-
Contributions	715,161	1,096,628	415,080	808,105	570,000	-29.46%	400,000	400,000
Charges for Services	198,682	462,726	425,000	321,000	331,000	3.12%	331,000	331,000
Interest and Rents	176,417	10,942	11,600	89,600	11,600	-87.05%	11,600	11,600
Other Revenue	550,071	246,375	317,880	90,910	35,000	-61.50%	-	-
Business Unit Total: Revenue	11,338,580	9,358,444	8,668,570	9,296,905	9,972,790	7.27%	9,742,940	7,877,030
OTHER FINANCING SOURCES								
Transfers In:	0	(0)	-	-	-	0.00%	-	-
General Fund:						0.00%		
Street Project - Troy Roads Rock	6,200,000	2,600,000	1,600,000	1,600,000	-	-100.00%	-	-
Fire Station #4 Rebuild	625,000	1,788,860	-	-	-	0.00%	-	-
Fire Truck - Pumper #4	585,000	-	-	-	-	0.00%	-	-
Fire Ladder Trucks #5 and #6	-	-	-	1,635,410	1,635,410	0.00%	-	-
Police Fencing	-	280,000	-	-	-	0.00%	-	-
Training Ctr Parking Lot	-	-	600,000	600,000	-	-	-	-
Major Streets	1,700,000	2,500,000	2,500,000	2,500,000	2,500,000	0.00%	2,500,000	2,500,000

**Capital Outlay
Detail**

Capital Projects Fund

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Local Streets	1,000,000	500,000	1,000,000	1,000,000	1,500,000	50.00%	1,000,000	1,000,000
Drug Forfeiture Fund	-	9,500	501,590	329,090	213,000	-35.28%	40,000	73,000
Library Fund	748,970	806,363	765,000	745,000	940,000	26.17%	595,000	310,670
CDBG	126,730	29,013	-	150,000	345,000	130.00%	-	-
LDFA	72,360	-	178,360	178,360	53,000	-70.28%	53,000	53,000
Special Assessments	42,186	44,315	-	-	-	0.00%	-	-
Business Unit Total:Other Sources	11,100,246	8,558,051	7,144,950	8,737,860	7,186,410	-17.76%	4,188,000	3,936,670
Total Revenues and Other Sources	22,438,826	17,916,495	15,813,520	18,034,765	17,159,200	-4.85%	13,930,940	11,813,700
EXPENDITURES								
Department: City Manager								
Business Unit: 172 City Manager								
Building Improvements	16,799	-	-	-	-	0.00%	-	-
General Equipment	49,194	-	-	-	-	0.00%	-	-
Communications Equipment	-	12,995	-	-	-	0.00%	-	-
Office Equipment and Furniture	10,920	-	-	-	-	0.00%	-	-
Total City Manager	76,914	12,995	-	-	-	0.00%	-	-

**Capital Outlay
Detail**

Capital Projects Fund

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Department: Finance								
Business Unit: 253 Treasurer								
Tax Refunds	30,925	4,923	15,000	15,000	15,000	0.00%	15,000	15,000
Total Treasurer	30,925	4,923	15,000	15,000	15,000	0.00%	15,000	15,000
Total Finance Department	30,925	4,923	15,000	15,000	15,000	0.00%	15,000	15,000
Department: Clerk								
Business Unit: 262 Elections								
General Equipment-Elections	5,694	-	292,520	174,000	-	-100.00%	-	-
Total City Clerk	5,694	-	292,520	174,000	-	-100.00%	-	-
Department: City Buildings								
Business Unit: 264 Buildings								
Fire/Police Training Center								
Building Improvements	55,950	-	-	-	30,000	100.00%	-	50,000
General Equipment	-	-	-	-	-	0.00%	-	-
City Hall								
Entry Way Signage and Landscaping	-	-	30,000	150,000	200,000	33.33%	-	-
EEBG Wind Spires	-	-	-	-	-	0.00%	-	-
Multi Module Transit Center	3,187,854	-	-	-	-	0.00%	-	-
City Hall HVAC	-	-	-	-	-	0.00%	-	-
City Hall Boiler	-	-	-	-	-	0.00%	-	-
City Hall Building Improvements	-	-	-	-	-	0.00%	-	-

**Capital Outlay
Detail**

Capital Projects Fund

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
General Improvements	29,867	6,988	30,000	30,000	30,000	0.00%	-	-
District Court								
Reserve/Court Bldg	-	-	585,130	585,130	-	-100.00%	-	-
Total City Buildings	3,273,670	6,988	645,130	765,130	260,000	-66.02%	-	50,000
Department: City Attorney								
Business Unit: 266 Attorney								
Office Equipment and Renovation	-	-	20,530	19,350	-	-100.00%	-	-
Total City Attorney	-	-	20,530	19,350	-	-100.00%	-	-
Department: Human Resources								
Business Unit: 270 Human Resources								
Office Equipment - Software	-	-	-	-	15,000	100.00%	-	-
Total Human Resources	-	-	-	-	15,000	100.00%	-	-

**Capital Outlay
Detail**

Capital Projects Fund

252

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Department: Police								
Business Unit: 301 Police								
Police Administration								
Land Improvements Civic Center	-	279,505	-	-	-	0.00%	-	-
Building Improvements - Office/Garage	35,969	-	-	-	-	0.00%	-	-
Building Improvements - Admin Offices	-	-	-	-	-	0.00%	-	50,000
Building Improvements - Gun Range	-	-	156,590	156,590	200,000	27.72%	40,000	-
General Equipment	-	-	-	-	-	0.00%	-	-
General Equipment - Training	33,982	12,378	-	-	-	0.00%	-	-
Police Road Patrol								
General Equipment	-	-	-	-	150,000	100.00%	150,000	-
Equipment - Federal Drug Forfeiture	-	9,500	-	-	13,000	100.00%	-	13,000
Vehicle Equipment	-	-	-	-	-	0.00%	-	65,000
Police Communications								
Building Improvements - Office/Garage	33,222	-	-	-	-	0.00%	-	-
Building Improvements - General Repair	-	82,500	-	-	-	0.00%	-	-
General Equipment	-	-	-	-	-	0.00%	-	-
911 System	-	145,730	-	-	-	0.00%	-	-
Equipment - Federal Drug Forfeiture	-	-	345,000	172,500	-	-100.00%	-	60,000
Network Equipment	-	-	75,000	75,000	65,000	-13.33%	-	-
Computer Software	25,526	900	77,000	77,000	-	-100.00%	-	40,000
Computer Aided Dispatch	38,240	-	-	-	40,000	100.00%	-	-

**Capital Outlay
Detail**

Capital Projects Fund

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
CAD Equipment	-	-	-	-	-	0.00%	-	-
Radio Communications	-	-	-	-	-	0.00%	-	-
Total Police Department	166,940	530,513	653,590	481,090	468,000	-2.72%	190,000	228,000
Department: Fire								
Business Unit: 336 Fire								
Land Acquisition	18,391	-	-	-	-	0.00%	-	-
Land Improvements - Memorials	-	-	-	-	100,000	100.00%	-	-
General Building Improvements	-	22,000	104,700	104,900	-	-100.00%	-	-
General Equipment	-	-	-	-	-	0.00%	900,000	-
Vehicles	47,876	-	-	-	-	0.00%	-	-
Apparatus Replacement	572,094	-	-	1,635,410	1,635,410	0.00%	-	-
Communication Equipment	-	-	-	-	-	0.00%	-	-
Opticom Enhancements	-	-	69,180	70,000	70,000	0.00%	70,000	70,000

**Capital Outlay
Detail**

Capital Projects Fund

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fire Station One	-	-	-	-	-	0.00%	-	-
Station Two	-	-	-	-	-	0.00%	65,000	40,000
Station Three	-	-	-	-	-	0.00%	-	-
Station Four	140,005	2,927,212	850,000	1,000,000	-	-100.00%	-	-
Fire Station Five	-	-	-	-	-	0.00%	-	-
Station Six	8,985	-	-	-	75,000	100.00%	-	-
Total Fire Department	787,350	2,949,212	1,023,880	2,810,310	1,880,410	-33.09%	1,035,000	110,000
Department: Streets								
Business Unit: 448 Street Lighting								
General	49,776	49,692	49,800	50,000	50,000	0.00%	50,000	50,000
Business Unit: 479 Major Streets								
General Building Improvements	-	-	50,000	250,000	587,290	134.92%	-	-
General Equipment	66,894	25,363	45,000	45,000	40,000	-11.11%	-	-
Dequindre from Long Lk to Auburn	145,670	256,583	150,000	200,000	100,000	-50.00%	-	-
John R from Long Lk - Square Lk	83,893	202,562	200,000	200,000	200,000	0.00%	400,000	-
John R from Sq Lake to South Bld	138,193	203,522	200,000	200,000	200,000	0.00%	400,000	-
Roch from Barclay to Trinway	14,053	31,002	100,000	400,000	2,500,000	525.00%	2,500,000	1,000,000
Wattles, Crooks to Llvernois	670,373	11,193	-	-	-	0.00%	-	-
Wattles, Livernois to Rochester	503,732	31,307	-	-	-	0.00%	-	-
LDFA Concrete and Slab Replace	-	-	-	178,360	-	-100.00%	-	-
Wattles, Coolidge to Crooks	554,740	-	-	-	-	0.00%	-	-

**Capital Outlay
Detail**

Capital Projects Fund

2015

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Long Lake, Mill/Overlay Adams to N. Pkwy	145,465	7,632	-	-	-	0.00%	-	-
Wattles, Rochester to John R	5,049	881,134	-	-	-	0.00%	-	-
Wattles, John r to Dequindre	2,350	-	800,000	950,000	-	-100.00%	-	-
2015 Tri-Party Funding	447,671	947,210	650,000	600,000	670,000	11.67%	600,000	600,000
Various Skip Patch Projects	452,589	-	-	-	-	0.00%	-	-
Move X Troy - Smart Zone Xing	14,488	55,688	200,000	620,000	-	-100.00%	-	-
South Blvd., Livernois to Rochester	588,810	298,236	1,000	-	-	0.00%	-	-
I-75 Widening	-	900	-	-	-	0.00%	-	-
Wattles, Rouge River to Coolidge	-	302,652	60,000	-	-	0.00%	-	-
Square Lake, Delphi to Livernois	-	51,867	340,000	-	-	0.00%	-	-
Square Lake, Crooks to Livernois	-	-	-	-	-	0.00%	-	-
Square Lake, Coolidge to Crooks	-	-	-	-	-	0.00%	-	825,000
Adams, Long Lake to Square Lake	-	-	32,000	33,260	-	-100.00%	-	-
Doyle Drive Agreement	-	100,000	-	-	-	0.00%	-	-
Crooks, Wilshire Traffic Signal	-	-	-	-	150,000	100.00%	-	-
Todd Drive, OCLRP Funded	-	-	-	-	340,000	100.00%	-	-
Coolidge, Square Lk. to S. Boulevard	-	-	-	-	-	0.00%	950,000	-
Rochester, NB RTL at Square Lk.	-	-	-	-	-	0.00%	50,000	500,000
Adams, Long Lake to Square Lake	-	-	-	-	-	0.00%	-	100,000
Concrete Crack Sealing	67,341	124,322	-	-	-	0.00%	-	-

**Capital Outlay
Detail**

Capital Projects Fund

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Concrete Pavement Leveling	946,834	3,356,900	2,500,000	2,500,000	1,560,000	-37.60%	1,000,000	1,000,000
Concrete Slab Replacement	3,273,919	239,544	800,000	800,000	600,000	-25.00%	600,000	600,000
Rochester from Torpey-Barclay	7,752	-	-	-	-	0.00%	-	-
Other Fees	-	-	-	-	-	0.00%	-	-
2000 MTF Bond	-	-	-	-	-	0.00%	-	-
Total Major Streets	8,129,815	7,127,618	6,128,000	6,976,620	6,947,290	-0.42%	6,500,000	4,625,000
Business Unit: 499 Local Streets								
Building Improvements	-	-	50,000	50,000	-	-100.00%	-	-
General Equipment	-	-	-	-	-	0.00%	-	-
Crack Sealing	105,026	57,500	-	-	-	0.00%	-	-
Charnwood Hills Phse 1 Chip Seal	-	-	-	-	-	0.00%	-	-
Local Road Asphalt	-	-	2,100,000	1,930,000	2,200,000	13.99%	2,000,000	1,900,000
Concrete Slab Replacement	8,889,563	4,993,050	3,100,000	3,100,000	1,500,000	-51.61%	1,500,000	1,500,000
Total Local Streets	8,994,589	5,050,550	5,250,000	5,080,000	3,700,000	-27.17%	3,500,000	3,400,000

**Capital Outlay
Detail**

Capital Projects Fund

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 513 Sidewalks								
New Construction	18,867	21,533	10,000	10,000	10,000	0.00%	10,000	10,000
Replacement Program	421,166	517,500	490,000	490,000	490,000	0.00%	490,000	490,000
Total Sidewalks	440,034	539,033	500,000	500,000	500,000	0.00%	500,000	500,000
Business Unit: 516 Drains								
Land Acquisition	-	26,750	-	-	-	0.00%	-	-
Streambank Stabilization	-	-	-	-	-	0.00%	-	-
Aquatic Center Pond	1,640	15,287	3,000	-	-	0.00%	-	-
Drains and Retention Ponds	113,237	18,355	34,000	-	50,000	100.00%	50,000	50,000
Sylvan Glen Access Drive Culvert	64,747	-	-	500,000	-	-100.00%	-	-
Saw Grant-Storm Sewer	695,784	324,271	-	-	-	0.00%	-	-
Sylvan Glen Phase II	594,843	604,236	3,000	-	-	0.00%	-	-
Wattles over the Rouge	-	271,566	25,000	-	-	0.00%	-	-
Total Drains	1,470,251	1,260,465	65,000	500,000	50,000	-90.00%	50,000	50,000
Total Streets Department	19,084,464	14,027,358	11,992,800	13,106,620	11,247,290	-14.19%	10,600,000	8,625,000

**Capital Outlay
Detail**

Capital Projects Fund

258

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Department: Public Works								
Various Land Improvements	-	-	-	-	-	0.00%	-	-
Municipal Parking Lots	-	402,418	700,000	760,000	100,000	-86.84%	100,000	100,000
Roof Replacement	-	-	-	-	450,000	100.00%	100,000	-
General Repairs	-	-	50,000	50,000	-	-100.00%	-	-
General	59,226	8,679	57,000	55,060	20,000	-63.68%	-	-
Total Public Works Department	59,226	411,096	807,000	865,060	570,000	-34.11%	200,000	100,000
Department: Parks								
Beach Road Park	-	-	100,000	100,000	-	-100.00%	-	-
Boulan Park	-	-	-	-	-	0.00%	-	250,000
Brinston Park	-	-	-	-	140,000	100.00%	-	-
Flynn Park	-	-	-	-	-	0.00%	-	-
Civic Center Park/Skate and Parking	-	-	-	-	100,000	100.00%	-	-
Barrier Free Project	126,730	29,013	-	-	-	0.00%	-	-
Robinwood Trail Park	-	-	-	-	25,000	100.00%	-	-
City Farm Improvements	-	-	60,000	230,000	245,000	6.52%	-	-
Outdoor Education Center	-	-	-	-	-	0.00%	-	-

**Capital Outlay
Detail**

Capital Projects Fund

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Various Land Improvements	89,504	53,970	124,000	124,890	50,000	-59.96%	-	150,000
Trails and Pathways	56,970	77,572	650,000	750,000	750,000	0.00%	750,000	-
Dog Park	-	3,960	440,880	130,000	30,000	-76.92%	-	-
Section 36 Pathways	-	-	-	-	-	0.00%	-	-
Total Parks Department	273,204	164,516	1,374,880	1,334,890	1,340,000	0.38%	750,000	400,000
Department: Recreation								
Community Center Building Improvements	390,467	-	242,100	312,000	190,000	-39.10%	215,000	162,000
Community Center Equipment	70,284	-	27,000	40,000	-	-100.00%	25,000	25,000
Total Recreation	460,751	-	269,100	352,000	190,000	-46.02%	240,000	187,000
Department: Nature Center								
Total Nature Center	32,888	-	-	-	-	0.00%	-	-
Department: Library								
Carpet/Tile Replacement	-	-	100,000	150,000	245,000	63.33%	181,000	215,000
General Repairs	118,977	216,224	-	-	-	0.00%	-	-
Office Equipment and Furniture	62,108	-	70,000	-	100,000	100.00%	160,000	-
Library Materials Collection	567,885	590,138	595,000	595,000	595,000	0.00%	595,000	595,000
Total Library	748,970	806,363	765,000	745,000	940,000	26.17%	936,000	810,000

**Capital Outlay
Detail**

Capital Projects Fund

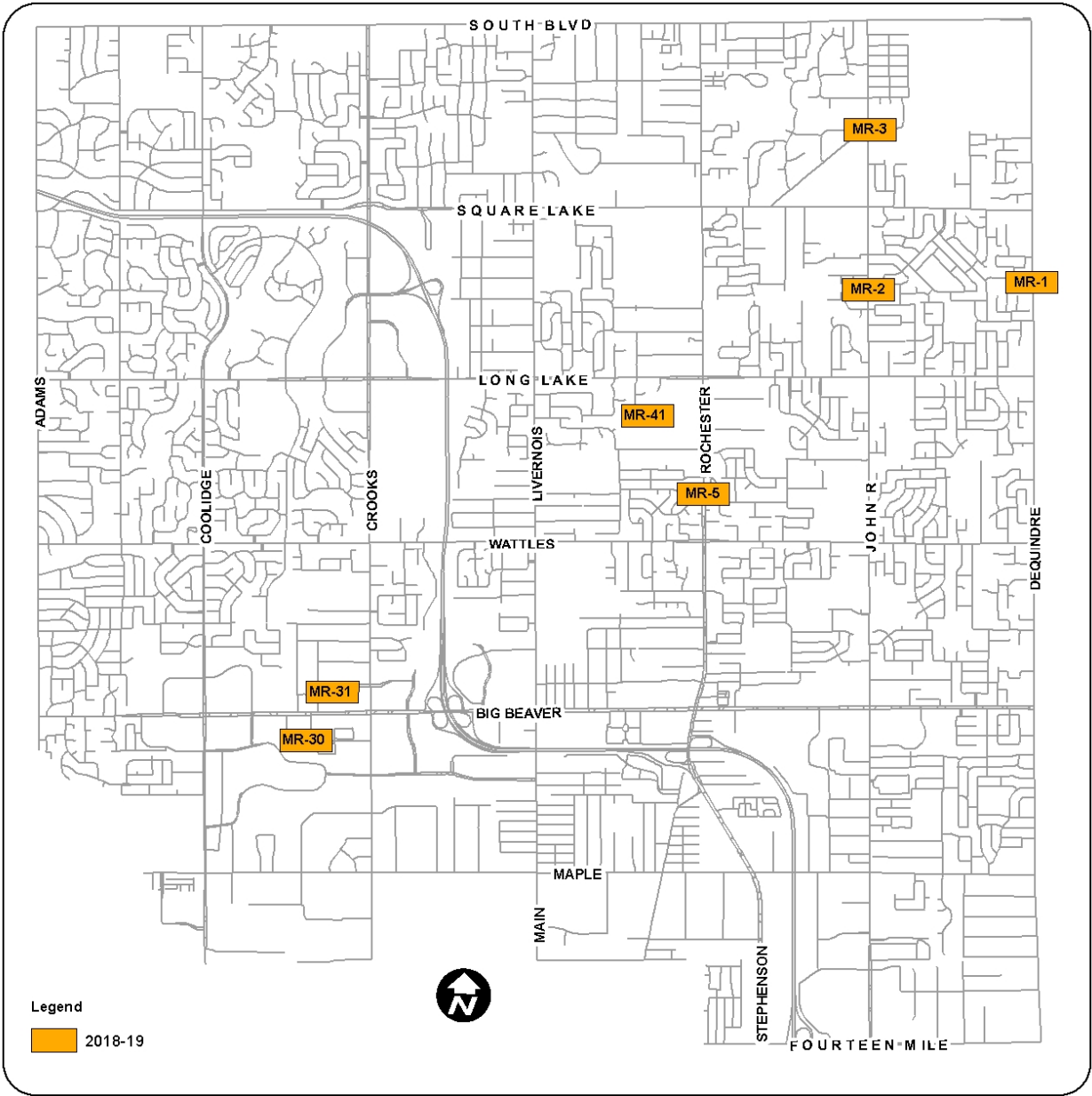
	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Department: Historic Village								
Historic Green Dev	-	-	-	-	-	0.00%	130,000	-
General Repairs	2,950	7,661	116,200	541,000	399,800	-26.10%	-	-
Total Historic Village	2,950	7,661	116,200	541,000	399,800	-26.10%	130,000	-
Total Expenditures	25,003,946	18,921,626	17,975,630	21,209,450	17,325,500	-18.31%	14,096,000	10,525,000
Other Financing Uses								
Principal	222,716	230,066	234,269	234,269	239,959	2.43%	246,159	250,338
Interest	52,862	43,081	36,568	40,616	30,969	-23.75%	25,249	19,408
Other Fees	7	7	3	15	2	-86.67%	2	4
Total Other Financing Uses	275,585	273,155	270,840	274,900	270,930	-1.44%	271,410	269,750
Total Expenditures and Other Uses	25,279,531	19,194,780	18,246,470	21,484,350	17,596,430	-18.10%	14,367,410	10,794,750
Surplus/(Use) of Fund Balance	(2,840,704)	(1,278,285)	(2,432,950)	(3,449,585)	(437,230)	-87.33%	(436,470)	1,018,950
Beginning Fund Balance	13,832,549	10,991,845	9,713,559	9,713,559	7,280,609	-25.05%	6,843,379	6,406,909
Ending Fund Balance	\$ 10,991,845	\$ 9,713,559	\$ 7,280,609	\$ 6,263,974	\$ 6,843,379	9.25%	\$ 6,406,909	\$ 7,425,859

**Capital Outlay
Special Assessments**

Special Assessments

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
REVENUES								
Fund: 403 Special Assessments								
Department: 000 SA Revenues								
403.000.00.000								
Interest and Rents	\$ 2,515	\$ 3,245	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -
Other Revenue	39,671	41,070	-	-	-	0.00%	-	-
Business Unit Total: CP Revenue	42,186	44,315	-	-	-	0.00%	-	-
OTHER FINANCING USES								
403.896.00.896								
Transfers Out	42,186	44,315	-	-	-	0.00%	-	-
Surplus/(Use) of Fund Balance	-	-	-	-	-	0.00%	-	-
Beginning Fund Balance	-	-	-	-	-	0.00%	-	-
Ending Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	\$ -	\$ -

Major Roads



Major Roads

MAJOR ROADS 2018/19 BUDGET (401.447.479)

Map Number	Project Number	Project Name	Total Project Cost	Total City Cost	Other Sources	17/18 Amended Budget	17/18 Expenditure to 6/30/18	17/18 Balance at 6/30/18	Proposed 18/19 Budget	Comments
MR-1	7989.022025	Dequindre, Long Lake to Auburn	23,000,000	800,000	16,700,000	200,000	150,000	50,000	100,000	RCOC
MR-2	7989.022035	John R, Long Lake to Square Lake	8,425,000	1,685,000	7,200,000	200,000	200,000	-	200,000	FF
MR-3	7989.022045	John R, Square Lake to South Blvd.	8,425,000	1,685,000	7,200,000	200,000	200,000	-	200,000	FF
MR-5	7989.022065	Rochester, Barclay to Trinway	21,000,000	4,200,000	14,400,000	400,000	100,000	300,000	2,500,000	FF
	7989.131075	LDFA Concrete Slab Replacement	53,000	-	53,000	178,360	-	178,360	-	LDFA
	7989.151025	Wattles, John R to Dequindre	950,000	950,000	-	950,000	800,000	150,000	-	Mill & Overlay
MR-46	7989.151056	Tri-Party	600,000	200,000	400,000	600,000	650,000	(50,000)	670,000	TP
	7989.151086	Automation Alley/SmartZone Ped. Crossing	550,000	550,000	-	620,000	200,000	420,000	-	Move Across Troy
	7989.151165	South Blvd, Livernois to Rochester	3,500,000	1,009,000	2,491,000	-	1,000	(1,000)	-	
	7989.161035	Wattles, Rouge River to Coolidge	450,000	450,000	-	-	60,000	(60,000)	-	
	7989.161065	Square Lake, Delphi to Livernois	475,000	475,000	-	-	340,000	(340,000)	-	
	7989.171035	Adams, Long Lake Intersection	97,000	22,000	75,000	33,260	32,000	1,260	-	w/ Bloomfield Township
MR-31	7989.191015	Crooks at Wilshire	300,000	150,000	150,000	-	-	-	150,000	TS/Ped X-ing - RCOC \$150k
MR-30	7989.191025	Todd Drive, OCLRP	340,000	170,000	170,000	-	-	-	340,000	OCLRP \$170k
	7975	DPW Renovations	50,000	50,000	-	50,000	50,000	-	-	By DPW
MR-41	7975	Streets Cold Storage Building Improvements	200,000	200,000	-	200,000	-	200,000	587,290	By DPW
MR-42	7978	Portable Cement Mixer	40,000	40,000	-	-	-	-	40,000	By DPW
	7978	Equipment Trailer	15,000	15,000	-	15,000	15,000	-	-	By DPW
	7978	Concrete Saw	30,000	30,000	-	30,000	30,000	-	-	By DPW
MR-49	7989.300	Industrial Road Maintenance	4,060,000	4,060,000	-	2,500,000	2,500,000	-	1,560,000	
MR-50	7989.500	Slab Replacement - Major Roads	1,400,000	1,400,000	-	800,000	800,000	-	600,000	By DPW
TOTALS:			73,960,000	18,141,000	48,839,000	6,976,620	6,128,000	848,620	6,947,290	
Revenue (Federal Funds):							400,000		2,160,000	
Revenue (Tri-Party):							415,080		570,000	

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 Beaumont Hospital (Reconstruction and Widening)

This project will reconstruct and widen Dequindre Road, from Long Lake Road to Beaumont Hospital 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. Federal funds are being used for approximately 80% of the total project cost. The local match is split between the Cities of Troy, and Sterling Heights 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. Federal funds are approved for the construction phase in 2018.

Major Roads

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 are approved for the construction phase 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-30. Todd Drive, Butterfield to Big Beaver (Concrete Road Replacement)

Todd Drive, from Butterfield to Big Beaver will be removed and replaced with new concrete pavement. This work is being partially funded through the Oakland County Local Road Improvement Program which was established to provide funding for road improvements on non-County roads that would improve economic development in Oakland County.

MR-31. Crooks at Wilshire (Traffic Signal Modernization)

The existing traffic signal at Crooks and Wilshire will be completely modernized (upgraded). Along with the traffic signal work, all pedestrian crossings will be made ADA compliant. The city and RCOC are sharing in the cost of the upgrade project 50/50.

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. Portable Cement Mixer

The DPW has the need for small batches of concrete for miscellaneous repairs. The portable cement mixer will allow DPW staff to complete repairs in a more economical and efficient manner than ordering small batches of concrete from suppliers that may be larger than required for the job. The portable cement mixer will allow DPW staff to mix as little or as much as needed and control when and where a pour is made. The other advantage is based on accessibility as the portable mixer is smaller than a redi-mix truck and can be used in areas that may have space restrictions and/or limitations.

Major Roads***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.

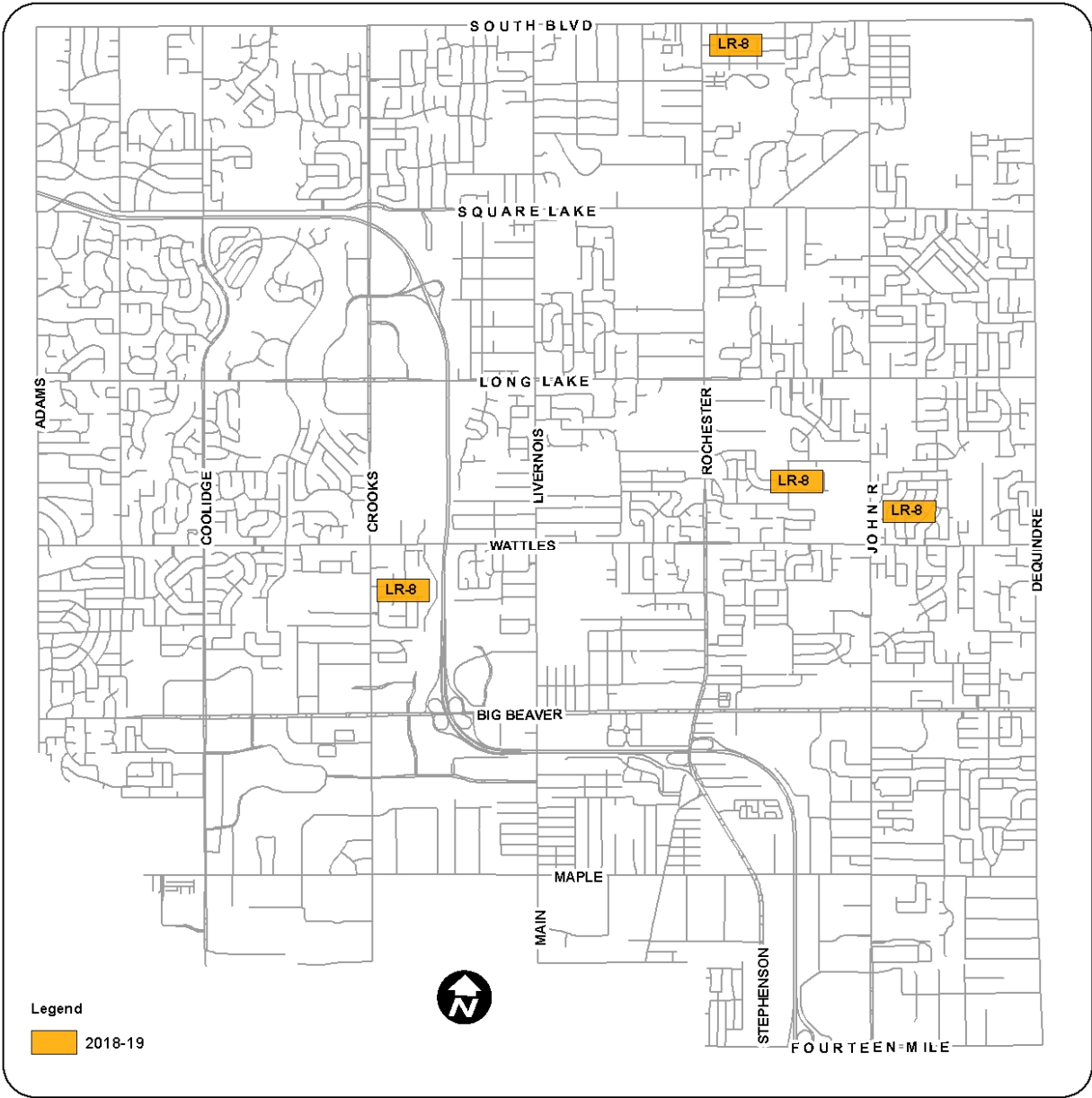
MR-49. Industrial Road Maintenance

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.

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.

Local Roads



Local Roads

LOCAL ROADS 2018/19 BUDGET (401.447.499)										
Map Number	Project Number	Project Name	Total Project Cost	Total City Cost	Other Sources	17/18 Amended Budget	17/18 Expenditure to 6/30/18	17/18 Balance at 6/30/18	Proposed 18/19 Budget	Comments
	7989.500	Concrete Slab Replacement	3,100,000	3,100,000	-	3,100,000	3,100,000	-	-	By DPW
LR-1	7989.500	Concrete Slab Replacement	1,500,000	1,500,000	-	-	-	-	1,500,000	By DPW
	7989.400	Asphalt Pavement Overlay	2,100,000	2,100,000	-	1,930,000	2,100,000	(170,000)	-	Sec. 10, 15, 24 & 25
LR-8	7989.400	Asphalt Pavement Overlay	2,200,000	2,200,000	-	-	-	-	2,200,000	Sec. 2, 13, 14 & 21
	7975	DPW Renovations	50,000	50,000	-	50,000	50,000	-	-	By DPW
TOTALS:			8,950,000	8,950,000	-	5,080,000	5,250,000	(170,000)	3,700,000	

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 (Sec. 2, 13, 14 & 21)

The local roads in the following areas will be targeted for asphalt pavement overlays: Section 2 - Hartwig, Cambria, Cadmus, Eckerman, Barabeu and Shelldrake; 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 21 - Finch, Muer and Muerknoll. 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 (Sec. 18 & 30)***

The local roads in the following areas will be targeted for asphalt pavement overlays: Section 18 - Valley Vista Circle, Valley Vista Ct., Valley Vista, Orchard Trail, Timberwyck Trail, Black Pine, Red Fox Trail, Tarrogona Way, Bronson, Hylane, Pine Hill, Butternut Hill, Walnut Hill, Chestnut Hill, Rouge Circle, Juniper Ct., Brandywyne, Sugar Grove Ct., Cherrywood, Stonehenge Ct., Frostwood Ct., and Briargrove; Section 30 - Derby, Eton, Witherbee, Brooklawn, Norwich, Wrenwood, Engle and Nampa. 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.

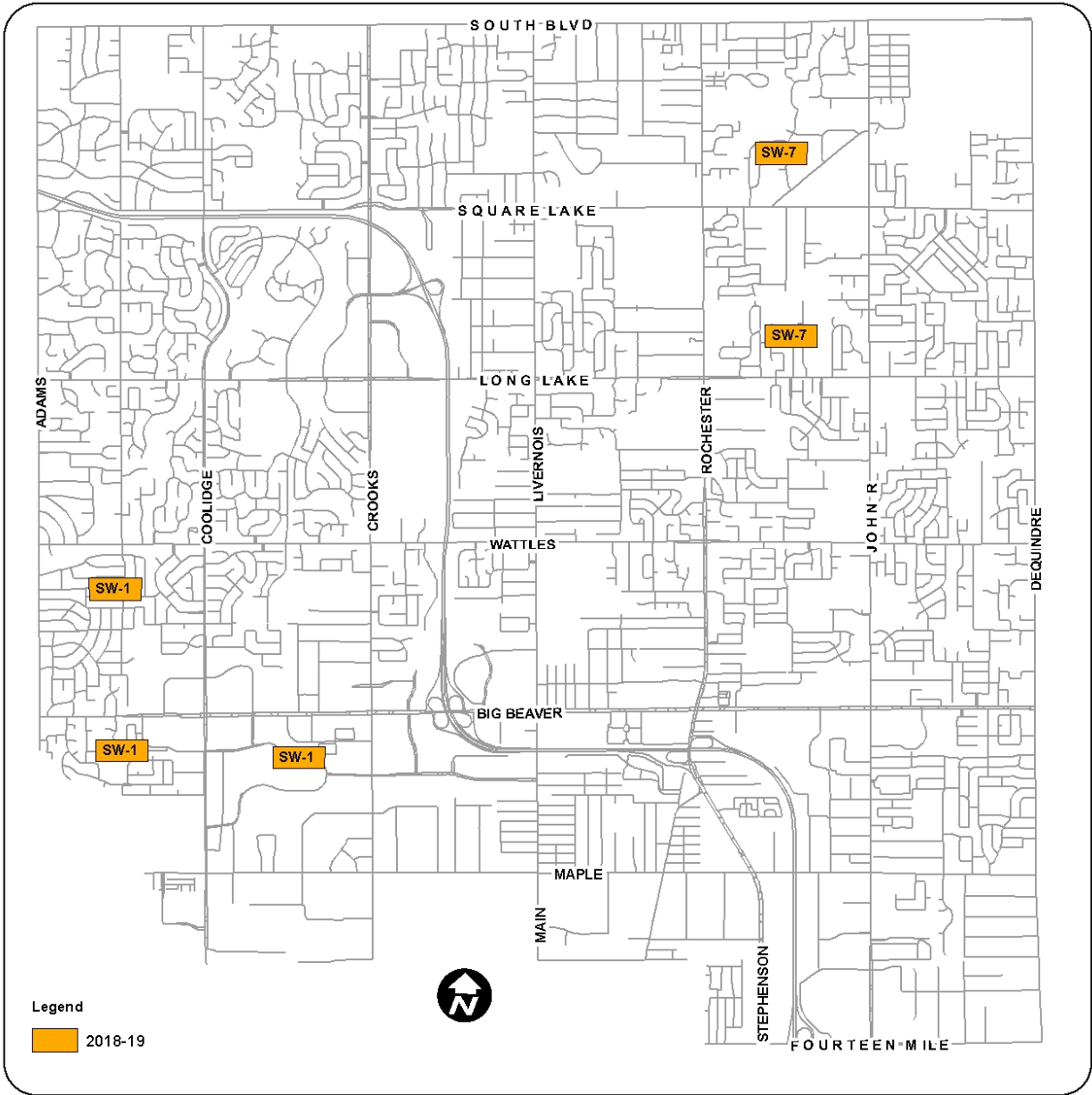
LR-12. Asphalt Pavement Overlay (Sec. 9 & 20)

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, Boulon, 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-13. Asphalt Pavement Overlay (Sec. 27 & 28)

The local roads in the following areas will be targeted for asphalt pavement overlays: Section 27 - Brinston, Kelley, Larchwood, Arthur, Woodslee, Vermont, Birchwood, Chopin, Lydia, Enterprise, VanCourtland, Westwood, Eastport, Kirkton, Beech Lane, Hartshorn, Mastin, Plum, Kirkton, Starr, Hickory, Cherry, Robinwood and Algansee; Section 28 - Olympia, Tacoma, Regents, Biltmore, Cloveridge, Forthton and Shepherds. 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.

Sidewalks



Sidewalks

SIDEWALKS 2018/19 BUDGET (401.447.513)

Map Number	Project Number	Project Name	Total Project Cost	Total City Cost	Other Sources	17/18 Amended Budget	17/18 Expenditure to 6/30/18	17/18 Balance at 6/30/18	Proposed 18/19 Budget	Comments
	7989.700	Residential & Major	490,000	334,000	156,000	490,000	490,000	-	-	By DPW
SW-1	7989.700	Residential - Sec. 19, 29 & 30	390,000	234,000	156,000	-	-	-	390,000	By DPW
SW-7	7989.700	Major Roads - Sec. 2 & 11	100,000	100,000	-	-	-	-	100,000	By DPW
SW-13	7989.650	New Construction	10,000	10,000	-	10,000	10,000	-	10,000	By DPW
TOTALS:			990,000	678,000	312,000	500,000	500,000	-	500,000	
Revenue (Sidewalk Replacement Program):							250,000		156,000	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 15 areas for major road sidewalk replacements and 15 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 residential 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 19, 29 & 30)

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

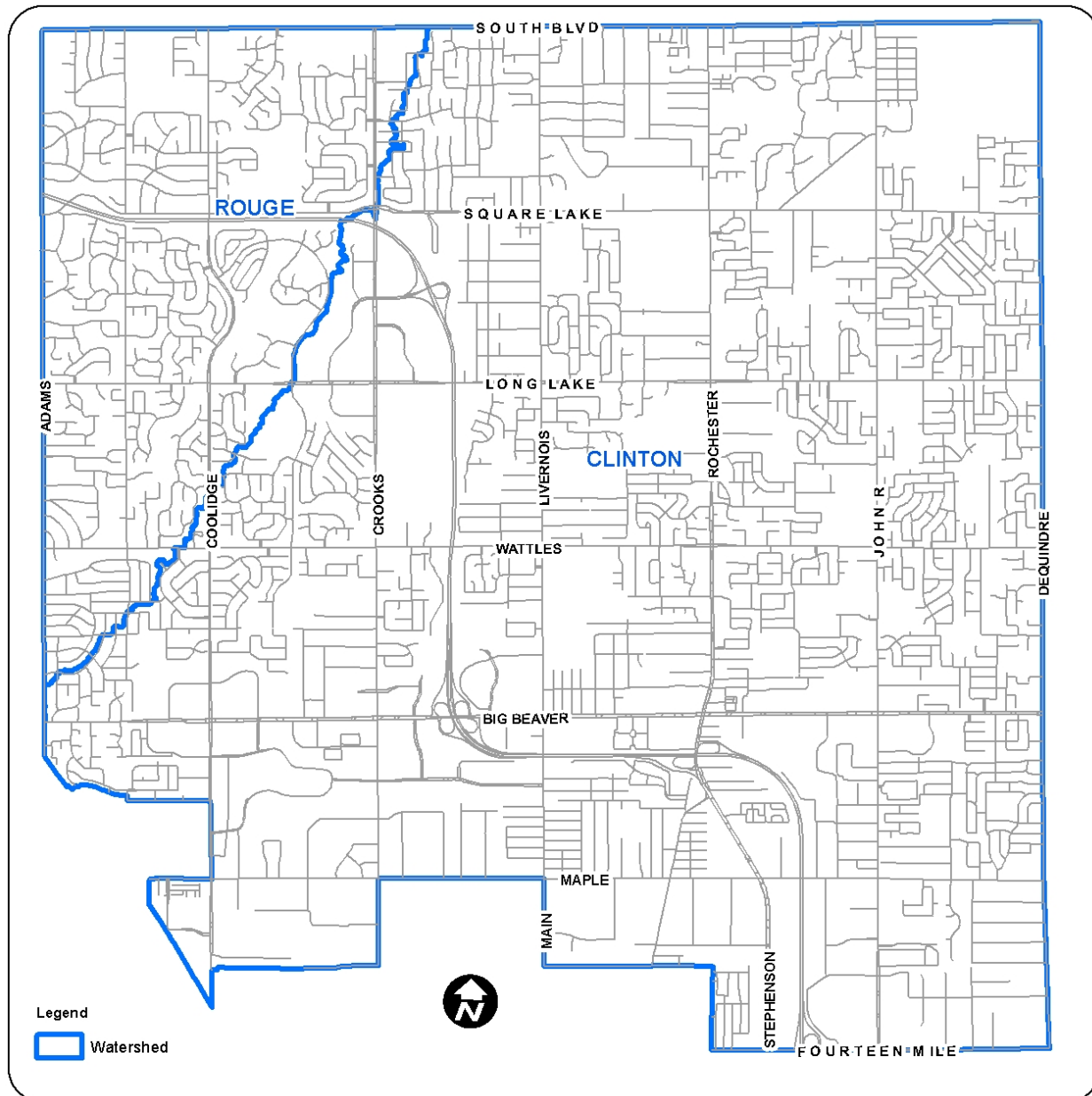
SW-7. Major Road Sidewalk Replacements (Section 2 & 11)

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 2018/19 BUDGET (401.447.516)

Map Number	Project Number	Project Name	Total Project Cost	Total City Cost	Other Sources	17/18 Amended Budget	17/18 Expenditure to 06/30/18	17/18 Balance at 6/30/18	Proposed 18/19 Budget	Comments
	7989.073035	Aquatic Center Pond Cleanout	2,300,000	1,315,000	985,000	-	3,000	(3,000)	-	NOAA Grant - \$985k
	7989.143046	Sylvan Glen Phase 2	1,140,000	640,000	500,000	-	3,000	(3,000)	-	EPA Grant - \$500k
	7989.163015	Wattles over the Rouge	250,000	250,000	-	-	25,000	(25,000)	-	
	7989.143015	Sylvan Glen Phase 3	500,000	250,000	250,000	500,000	-	500,000	-	EPA Grant - \$250k
DF-50	7989.1000	Drains & Retention	50,000	50,000	-	-	34,000	(34,000)	50,000	DPW
TOTALS:			4,240,000	2,505,000	1,735,000	500,000	65,000	435,000	50,000	
Revenue (Federal Funds):						250,000	-		-	

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

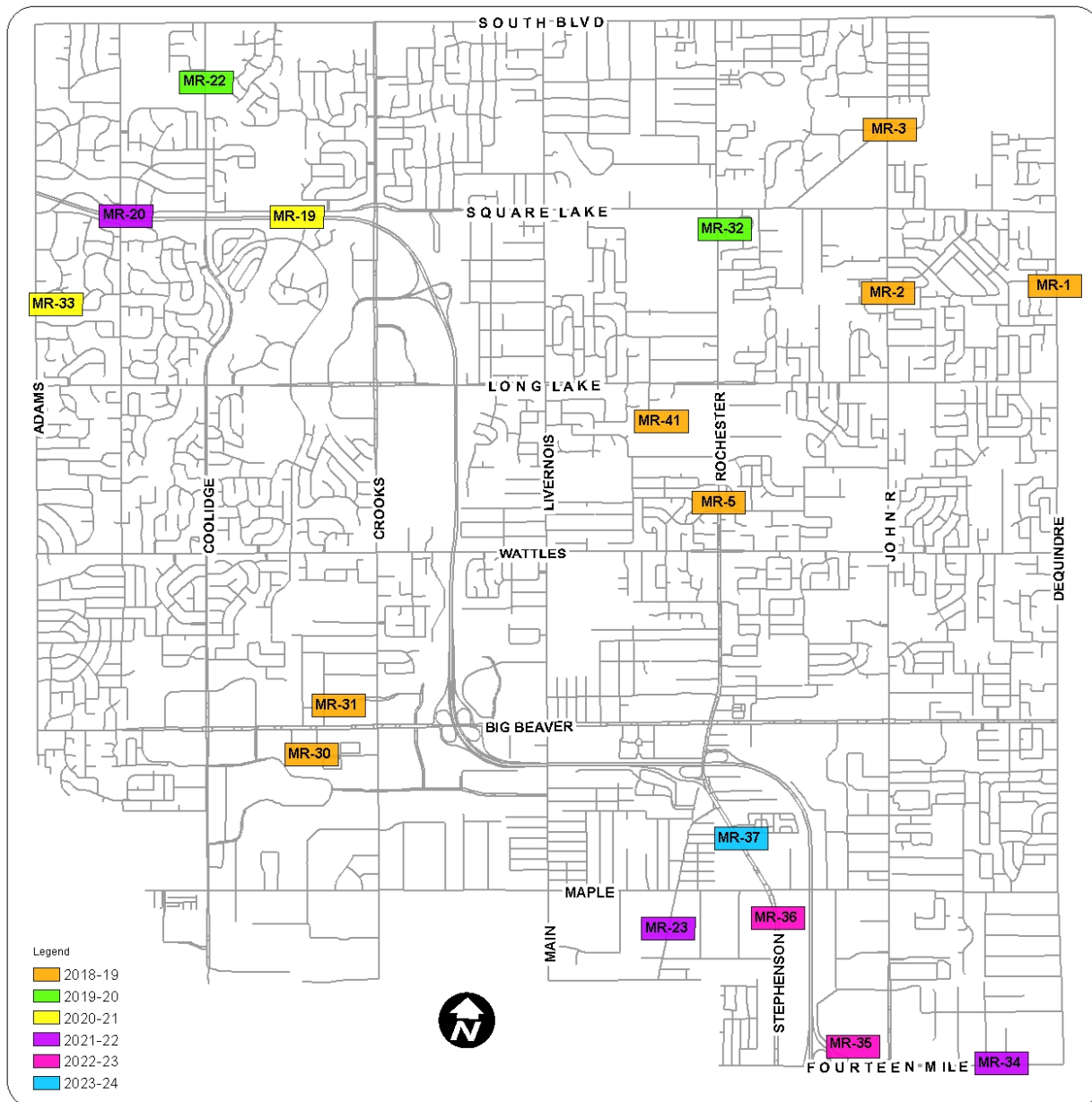
These measures are addressed through the Clinton River Red Run Subwatershed Management Plan; the Rouge River Main 1-2 Subwatershed Management Plan; the City's Stormwater Pollution Prevention Initiative; and the City's development standards and public works standard practices. Each fall the City must 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-50. Drains and Retention

This is an annual budget amount in the Drains Fund for capital projects required by the Department of Public Works for work associated with Drains and/or Retention/Detention basins that are otherwise not specifically assigned a project number and are not specifically noted in the capital improvement plan. Larger projects are assigned project numbers and are budgeted as separate line items within the Drain Fund.

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
				2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	
MR-1	Dequindre, Long Lake to Auburn	23,000,000	800,000	100,000	-	-	-	-	-	Widen & Reconstruct
MR-2	John R, Long Lake to Square Lake	8,425,000	1,685,000	200,000	400,000	-	-	-	-	Widen & Reconstruct
MR-3	John R, Square Lake to South Blvd.	8,425,000	1,685,000	200,000	400,000	-	-	-	-	Widen & Reconstruct
MR-5	Rochester, Barclay to Trinway	21,000,000	4,200,000	2,500,000	2,500,000	1,000,000	1,000,000	-	-	Widen & Reconstruct
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-30	Todd Drive, OCLRP	340,000	170,000	340,000	-	-	-	-	-	OCLRP - \$170k
MR-31	Crooks at Wilshire	300,000	150,000	150,000	-	-	-	-	-	Traffic Signal/Ped X-ing - RCOC \$150k
MR-32	Rochester NB RTL at Square Lake	550,000	550,000	-	50,000	500,000	-	-	-	Right Turn Lane
MR-33	Adams, Long Lake to Square Lake	1,600,000	100,000	-	-	100,000	-	-	-	NHPP - \$1M
MR-34	14 Mile, John R to Dequindre	1,500,000	75,000	-	-	-	75,000	-	-	STP - \$1.2M
MR-35	14 Mile, I75 to John R	1,200,000	60,000	-	-	-	-	60,000	-	STP - \$960k
MR-36	Stephenson, 14 Mile to Maple	1,000,000	1,000,000	-	-	-	-	1,000,000	-	Mill & Overlay
MR-37	Stephenson, Maple to I75	1,000,000	1,000,000	-	-	-	-	-	1,000,000	Mill & Overlay
MR-41	Streets Cold Storage Building Improvements	587,290	587,290	587,290	-	-	-	-	-	By DPW
MR-42	Portable Cement Mixer	40,000	40,000	40,000	-	-	-	-	-	By DPW
MR-46	Tri-Party	3,670,000	1,090,000	670,000	600,000	600,000	600,000	600,000	600,000	1/3 City - 1/3 County - 1/3 Board
MR-49	Industrial Road Maintenance	6,560,000	6,560,000	1,560,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	Various Locations
MR-50	Slab Replacement - Major Roads	3,600,000	3,600,000	600,000	600,000	600,000	600,000	600,000	600,000	Various Locations
TOTAL:		86,147,290	26,702,290	6,947,290	6,500,000	4,625,000	4,850,000	3,260,000	3,200,000	
Revenue (Federal Funds):				2,160,000	2,000,000	-	-	-	-	
Revenue (Tri-Party/NHPP/RCOC/RH/OCLRP):				570,000	400,000	400,000	400,000	400,000	400,000	

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 Beaumont Hospital (Reconstruction and Widening)

This project will reconstruct and widen Dequindre Road, from Long Lake Road to Beaumont Hospital 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. Federal funds are being used for approximately 80% of the total project cost. The local match is split between the Cities of Troy, and Sterling Heights 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. Federal funds are approved for the construction phase in 2018.

**6 Year Capital Improvement Plan
Major Roads Fund*****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 are approved for the construction phase 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-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.

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.

**6 Year Capital Improvement Plan
Major Roads Fund*****MR-30. Todd Drive, Butterfield to Big Beaver (Concrete Road Replacement)***

Todd Drive, from Butterfield to Big Beaver will be removed and replaced with new concrete pavement. This work is being partially funded through the Oakland County Local Road Improvement Program which was established to provide funding for road improvements on non-County roads that would improve economic development in Oakland County.

MR-31. Crooks at Wilshire (Traffic Signal Modernization)

The existing traffic signal at Crooks and Wilshire will be completely modernized (upgraded). Along with the traffic signal work, all pedestrian crossings will be made ADA compliant. The city and RCOC are sharing in the cost of the upgrade project 50/50.

MR-32. Rochester Northbound Right Turn Lane at Square Lake (Widening)

A new right turn lane for northbound Rochester Road at Square Lake is proposed. Along with the new right turn lane, the traffic signal will be completely modernized and pedestrian crossings made ADA compliant.

MR-33. Adams Road, Long Lake to Square Lake (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. Funding for the project is provided through the National Highway Performance Program (NHPP). The local match is shared by the RCOC and Troy.

MR-34. 14 Mile, John R to Dequindre (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. Funding for the project is provided through the federal Surface Transportation Program (STP). The local match is shared by the RCOC and Troy.

MR-35. 14 Mile, I75 to John R (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. Funding for the project is provided through the federal Surface Transportation Program (STP). The local match is shared by the RCOC and Troy.

MR-36. Stephenson, 14 Mile to Maple (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.

**6 Year Capital Improvement Plan
Major Roads Fund*****MR-37. Stephenson, Maple to I75 (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-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. Portable Cement Mixer

The DPW has the need for small batches of concrete for miscellaneous repairs. The portable cement mixer will allow DPW staff to complete repairs in a more economical and efficient manner than ordering small batches of concrete from suppliers that may be larger than required for the job. The portable cement mixer will allow DPW staff to mix as little or as much as needed and control when and where a pour is made. The other advantage is based on accessibility as the portable mixer is smaller than a redi-mix truck and can be used in areas that may have space restrictions and/or limitations.

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.

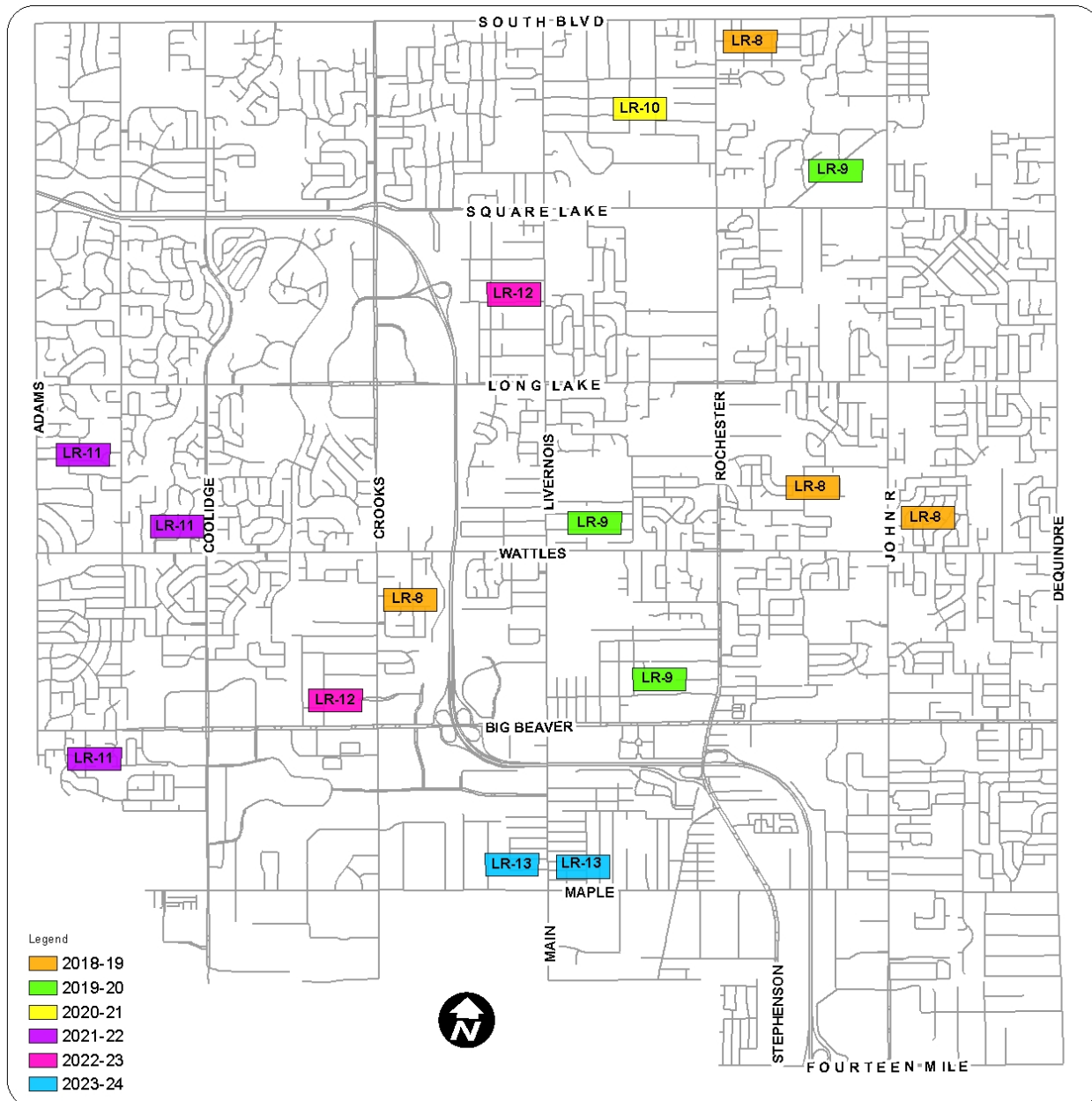
MR-49. Industrial Road Maintenance

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.

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.

6 Year Capital Improvement Plan Local Roads



6 Year Capital Improvement Plan Local Roads

6 Year CIP - Local Roads

Map Number	Project Name	Total Project Cost	Total City Cost	Proposed						Comments
				2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	
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. 2, 13, 14 & 21	2,200,000	2,200,000	2,200,000	-	-	-	-	-	By Engineering
LR-9	Asphalt Pavement Overlay - Sec. 2, 15 & 22	2,000,000	2,000,000	-	2,000,000	-	-	-	-	By Engineering
LR-10	Asphalt Pavement Overlay - Sec. 3	1,900,000	1,900,000	-	-	1,900,000	-	-	-	By Engineering
LR-11	Asphalt Pavement Overlay - Sec. 18 & 30	2,000,000	2,000,000	-	-	-	2,000,000	-	-	By Engineering
LR-12	Asphalt Pavement Overlay - Sec. 9 & 20	2,000,000	2,000,000	-	-	-	-	2,000,000	-	By Engineering
LR-13	Asphalt Pavement Overlay - Sec. 27 & 28	2,300,000	2,300,000	-	-	-	-	-	2,300,000	By Engineering
TOTALS:		21,400,000	21,400,000	3,700,000	3,500,000	3,400,000	3,500,000	3,500,000	3,800,000	

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 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 - 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. 2, 13, 14 & 21)

The local roads in the following areas will be targeted for asphalt pavement overlays: Section 2 - Hartwig, Cambria, Cadmus, Eckerman, Barabeu and Shelldrake; 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 21 - Finch, Muer and Muerknoll. 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-9. Asphalt Pavement Overlay (Sec. 2, 15 & 22)

The local roads in the following areas will be targeted for asphalt pavement overlays: Section 2 - 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.

LR-10. Asphalt Pavement Overlay (Sec. 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.

**6 Year Capital Improvement Plan
Local Roads*****LR-11. Asphalt Pavement Overlay (Sec. 18 & 30)***

The local roads in the following areas will be targeted for asphalt pavement overlays: Section 18 - Valley Vista Circle, Valley Vista Ct., Valley Vista, Orchard Trail, Timberwyck Trail, Black Pine, Red Fox Trail, Tarrogonia Way, Bronson, Hylane, Pine Hill, Butternut Hill, Walnut Hill, Chestnut Hill, Rouge Circle, Juniper Ct., Brandywyne, Sugar Grove Ct., Cherrywood, Stonehenge Ct., Frostwood Ct., and Briargrove; Section 30 - Derby, Eton, Witherbee, Brooklawn, Norwich, Wrenwood, Engle and Nampa. 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.

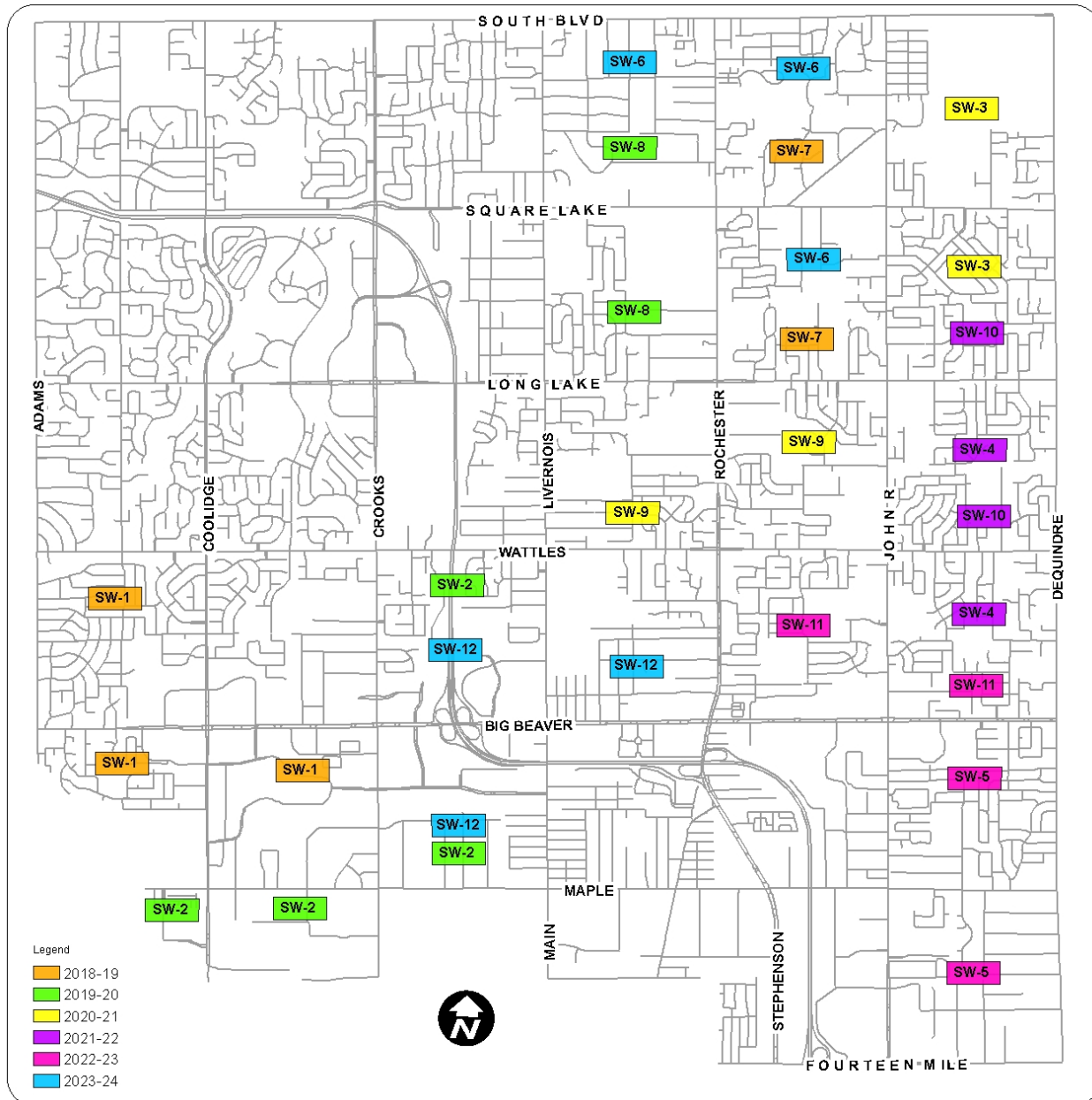
LR-12. Asphalt Pavement Overlay (Sec. 9 & 20)

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, Boulton, 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-13. Asphalt Pavement Overlay (Sec. 27 & 28)

The local roads in the following areas will be targeted for asphalt pavement overlays: Section 27 - Brinston, Kelley, Larchwood, Arthur, Woodslee, Vermont, Birchwood, Chopin, Lydia, Enterprise, VanCourtland, Westwood, Eastport, Kirkton, Beech Lane, Hartshorn, Mastin, Plum, Kirkton, Starr, Hickory, Cherry, Robinwood and Algansee; Section 28 - Olympia, Tacoma, Regents, Biltmore, Cloveridge, Forthton and Shepherds. 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 Sidewalks



6 Year Capital Improvement Plan Sidewalks

6 Year CIP - Sidewalks										
Map Number	Project Name	Total Project Cost	Total City Cost	Proposed						Comments
				2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	
SW-1	Residential - Sec. 19, 29 & 30	390,000	234,000	390,000	-	-	-	-	-	By DPW
SW-2	Residential - Sec. 21, 28, 31 & 32	390,000	234,000	-	390,000	-	-	-	-	By DPW
SW-3	Residential - Sec. 1 & 12	390,000	234,000	-	-	390,000	-	-	-	By DPW
SW-4	Residential - Sec. 13 & 24	390,000	234,000	-	-	-	390,000	-	-	By DPW
SW-5	Residential - Sec. 25 & 36	390,000	234,000	-	-	-	-	390,000	-	By DPW
SW-6	Residential - Sec. 2,3 & 11	390,000	234,000	-	-	-	-	-	390,000	By DPW
SW-7	Major Roads - Sec. 2 & 11	100,000	100,000	100,000	-	-	-	-	-	By DPW
SW-8	Major Roads - Sec. 3 & 10	100,000	100,000	-	100,000	-	-	-	-	By DPW
SW-9	Major Roads - Sec. 14 & 15	100,000	100,000	-	-	100,000	-	-	-	By DPW
SW-10	Major Roads - Sec. 12 & 13	100,000	100,000	-	-	-	100,000	-	-	By DPW
SW-11	Major Roads - Sec. 23 & 24	100,000	100,000	-	-	-	-	100,000	-	By DPW
SW-12	Major Roads - Sec. 21, 22 & 28	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
TOTALS:		3,000,000	2,064,000	500,000	500,000	500,000	500,000	500,000	500,000	
Revenue (Sidewalk Replacement Program):				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 15 areas for major road sidewalk replacements and 15 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 residential 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 19, 29 & 30)

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

SW-2. Residential Sidewalk Replacements (Section 21, 28, 31 & 32)

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

SW-3. Residential Sidewalk Replacements (Section 1 & 12)

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

SW-4. Residential Sidewalk Replacements (Section 13 & 24)

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

SW-5. Residential Sidewalk Replacements (Section 25 & 36)

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

SW-6. Residential Sidewalk Replacements (Section 2, 3 & 11)

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

SW-7. Major Road Sidewalk Replacements (Section 2 & 11)

This project will be paid for entirely by City funds.

SW-8. Major Road Sidewalk Replacements (Section 3 & 10)

This project will be paid for entirely by City funds.

**6 Year Capital Improvement Plan
Sidewalks*****SW-9. Major Road Sidewalk Replacements (Section 14 & 15)***

This project will be paid for entirely by City funds.

SW-10. Major Road Sidewalk Replacements (Section 12 & 13)

This project will be paid for entirely by City funds.

SW-11. Major Road Sidewalk Replacements (Section 23 & 24)

This project will be paid for entirely by City funds.

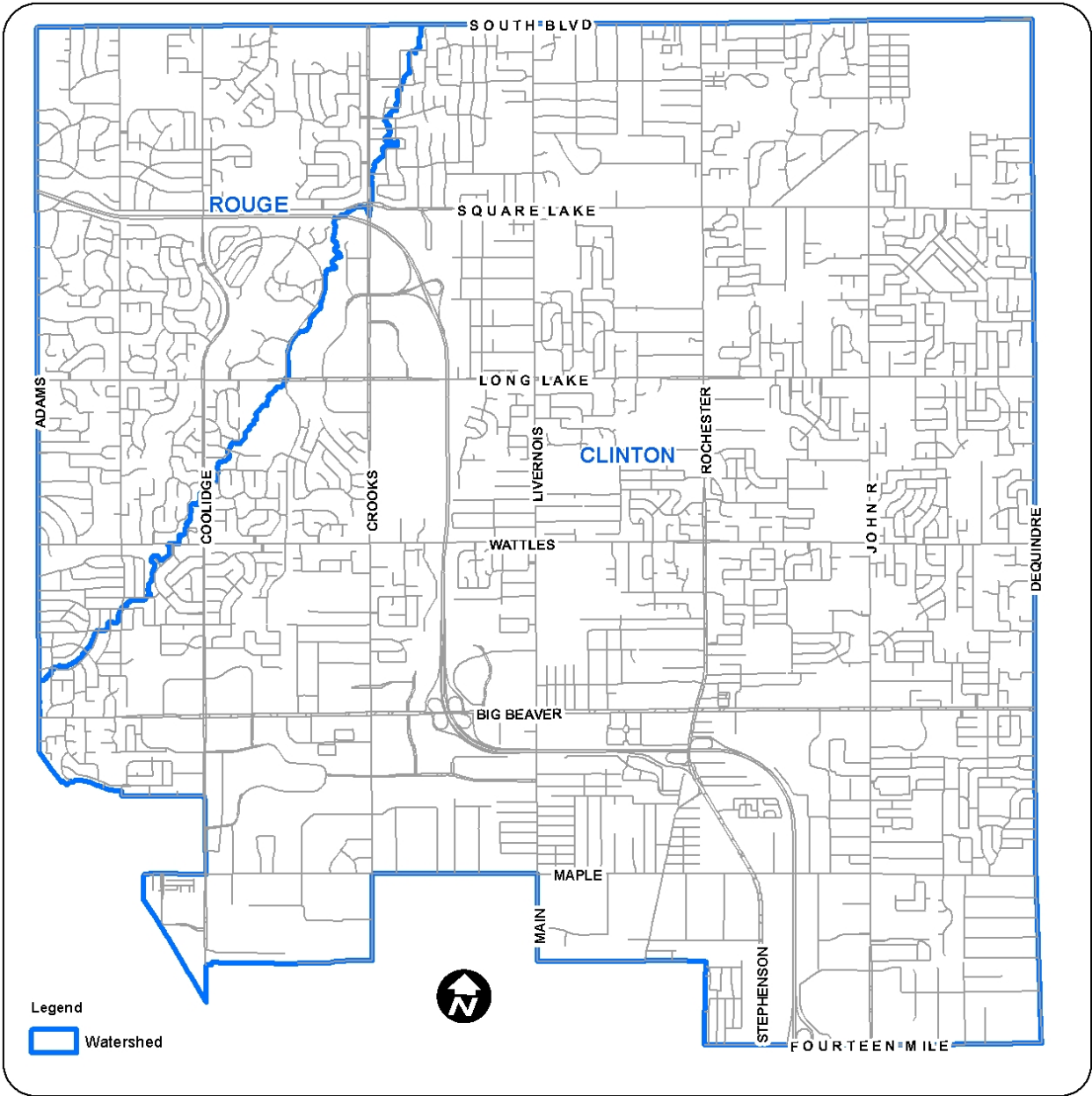
SW-12. Major Road Sidewalk Replacements (Section 21, 22 & 28)

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

6 Year CIP - Drains										
Map Number	Project Name	Total Project Cost	Total City Cost	Proposed						Comments
				2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	
DF-50	Drains & Retention	300,000	300,000	50,000	50,000	50,000	50,000	50,000	50,000	DPW
TOTALS:		300,000	300,000	50,000	50,000	50,000	50,000	50,000	50,000	

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-50. Drains and Retention

This is an annual budget amount in the Drains Fund for capital projects required by the Department of Public Works for work associated with Drains and/or Retention/Detention basins that are otherwise not specifically assigned a project number and are not specifically noted in the capital improvement plan. Larger projects are assigned project numbers and are budgeted as separate line items within the Drain Fund.



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

Performance Indicators	2015/16 Actual	2016/17 Actual	2017/18 Projected	2018/19 Budget
Sylvan Glen Rounds	49,988	49,044	44,230	46,003
Sanctuary Lake Rounds	43,416	41,459	38,591	38,025

Notes on Performance Indicators

Golf Course Summaries

SUMMARY OF BUDGET CHANGES

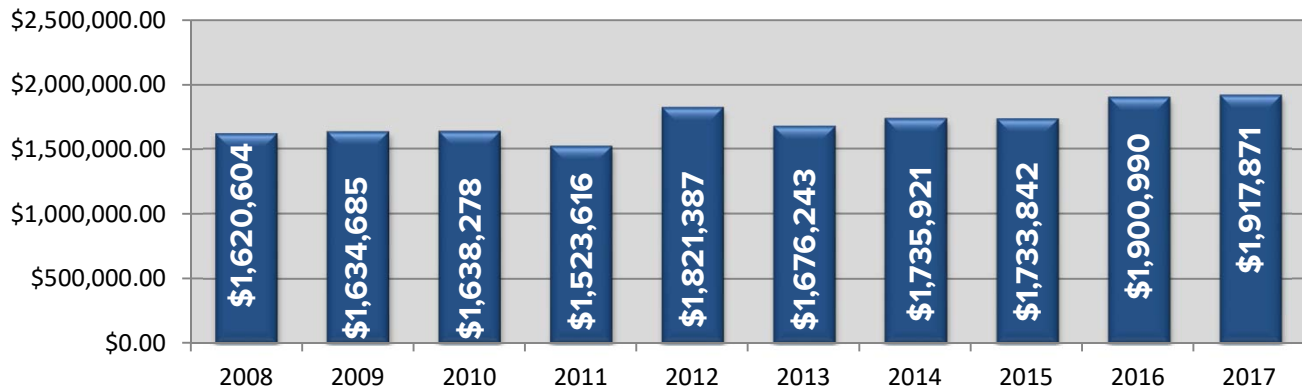
- Significant Notes - 2018/19 Budget Compared to 2017/18 Budget**

As in all past years Sanctuary Lake operating income is not expected to cover debt service costs of \$910 thousand.

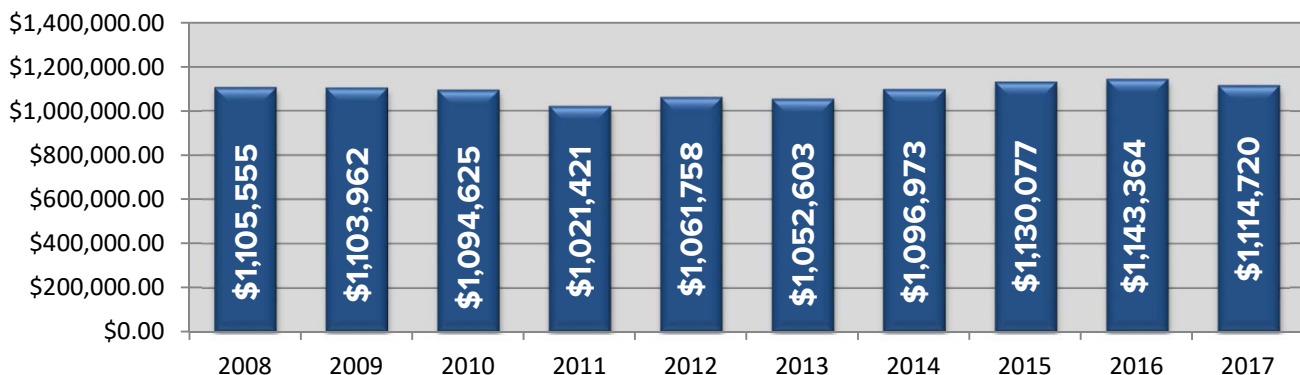
Personnel								
Summary	2016 Budget		2017 Budget		2018 Budget		2019 Budget	
	Full-Time	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time
Greens	0	0	0	0	0	0	0	0
Pro Shop	0	0	0	0	0	0	0	0
Total Department	*0	*0	*0	*0	*0	*0	*0	*0
<i>* Billy Casper Golf</i>								

EXPENSE HISTORY

- Expense History - Sanctuary Lake Golf Course**



- Expense Budget History - Sylvan Glen Golf Course**



**Enterprise Funds
Recreation and Culture**

Sanctuary Lake Golf Course

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 583 Sanctuary Lake Golf Course								
<u>REVENUES</u>								
Department: 000 Revenue								
Business Unit: 583 SL Golf Course Revenue								
583.000.00.000								
Charges for Services	\$ 1,803,385	\$ 1,736,038	\$ 1,623,040	\$ 1,602,440	\$ 1,635,910	2.09%	\$ 1,681,370	\$ 1,729,670
Interest and rents	403	-	-	-	-	0.00%	-	-
Total Revenues	1,803,788	1,736,038	1,623,040	1,602,440	1,635,910	2.09%	1,681,370	1,729,670
<u>EXPENSE</u>								
Business Unit: 765 Billy Casper Operations								
Expenditures for Operations								
583.765.00.765								
PERSONAL SERVICES	572,705	604,202	676,000	678,920	671,470	-1.10%	684,900	698,600
SUPPLIES	542,641	539,309	521,790	518,920	538,190	3.71%	543,960	549,200
OTHER SERVICE CHARGES	163,696	169,071	171,790	171,790	181,460	5.63%	184,800	188,260
Total Billy Casper Operations	1,279,041	1,312,581	1,369,580	1,369,630	1,391,120	1.57%	1,413,660	1,436,060
Business Unit: 766 City Expenses								
Expenditures for Operations								
583.766.00.766								
PERSONAL SERVICES	741	11,071	1,450	-	-	0.00%	-	-
SUPPLIES	37,686	17,760	-	2,000	2,000	0.00%	2,000	2,000
OTHER SERVICE CHARGES	(26,068)	(21,026)	(19,000)	16,700	(37,370)	-323.77%	(20,710)	(20,400)
Total City Expenses	12,359	7,805	(17,550)	18,700	(35,370)	-289.14%	(18,710)	(18,400)
Total Operating Expenses	1,291,401	1,320,387	1,352,030	1,388,330	1,355,750	-2.35%	1,394,950	1,417,660

**Enterprise Funds
Recreation and Culture**

Sanctuary Lake Golf Course

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Total Income from Operations Before Dep/Cap	512,388	415,652	271,010	214,110	280,160	30.85%	286,420	312,010
Capital/Depreciation Expense								
583.768.00.768								
Depreciation	319,708	323,836	-	-	-	0.00%	-	-
Capital Expenditures	-	-	65,000	145,000	100,000	-31.03%	55,000	80,000
Total Capital/Depreciation Expense	319,708	323,836	65,000	145,000	100,000	-31.03%	55,000	80,000
Income from Operations	192,680	91,816	206,010	69,110	180,160	160.69%	231,420	232,010
<u>OTHER FINANCING SOURCES (USES)</u>								
Debt Service								
583.766.00.766								
Debt Service	(289,881)	(273,648)	(831,300)	(831,300)	(909,600)	9.42%	(885,200)	(856,050)
Gain on Sale of Capital Assets	10,000	3,750	-	-	-	0.00%	-	-
Total Income (Loss)	(87,201)	(178,083)	(625,290)	(762,190)	(729,440)	-4.30%	(653,780)	(624,040)
Beginning Net Position	(6,092,807)	(6,180,008)	(6,358,091)	(6,358,091)	(6,983,381)	9.83%	(7,712,821)	(8,366,601)
Ending Net Position	\$ (6,180,008)	\$ (6,358,091)	\$ (6,983,381)	\$ (7,120,281)	\$ (7,712,821)	8.32%	\$ (8,366,601)	\$ (8,990,641)

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

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 584 Sylvan Glen Golf Course								
<u>REVENUES</u>								
Department: 000 Revenue								
Business Unit: 584 SG Golf Course Revenue								
584.000.00.000								
Charges for Services	\$ 1,141,317	\$ 1,149,508	\$ 1,045,210	\$ 1,045,210	\$ 1,095,110	4.77%	\$ 1,127,960	\$ 1,161,790
Interest and rents	149,895	213,605	170,400	171,400	170,400	-0.58%	182,400	182,400
Total Revenues	1,291,212	1,363,114	1,215,610	1,216,610	1,265,510	4.02%	1,310,360	1,344,190
<u>EXPENSE</u>								
Business Unit: 785 Billy Casper Operations								
Expenditures for Operations								
584.785.00.785								
PERSONAL SERVICES	542,189	515,015	511,170	511,120	534,330	4.54%	545,010	555,920
SUPPLIES	311,079	318,286	332,980	332,980	343,560	3.18%	348,980	354,480
OTHER SERVICE CHARGES	157,400	165,301	149,970	167,920	174,710	4.04%	177,840	181,070
Total Billy Casper Operations	1,010,669	998,602	994,120	1,012,020	1,052,600	4.01%	1,071,830	1,091,470
Business Unit: 786 City Expenses								
Expenditures for Operations								
584.786.00.786								
PERSONAL SERVICES	1,528	3,236	2,190	-	-	0.00%	-	-
SUPPLIES	12,915	12,081	-	-	-	0.00%	-	-
OTHER SERVICE CHARGES	(7,511)	(9,731)	(2,530)	37,000	(16,970)	-145.86%	(210)	200
Total City Expenses	6,932	5,586	(340)	37,000	(16,970)	-145.86%	(210)	200
Total Operating Expenses	1,017,601	1,004,188	993,780	1,049,020	1,035,630	-1.28%	1,071,620	1,091,670
Total Income from Operations Before Dep/Cap	273,612	358,926	221,830	167,590	229,880	37.17%	238,740	252,520

**Enterprise Funds
Recreation and Culture**

Sylvan Glen Golf Course

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Capital/Depreciation Expense								
584.788.00.788								
Depreciation	122,490	108,745	-	-	-	0.00%	-	-
Capital Expenditures	-	-	1,011,450	1,124,450	35,000	-96.89%	105,000	145,000
Total Capital/Depreciation Expense	122,490	108,745	1,011,450	1,124,450	35,000	-96.89%	105,000	145,000
Income from Operations	151,121	250,181	(789,620)	(956,860)	194,880	-120.37%	133,740	107,520
OTHER FINANCING SOURCES (USES)								
Debt Service								
584.786.00.786								
Debt Service	(3,273)	(1,787)	(430)	(430)	-	-100.00%	(5,000)	(5,000)
Gain on Sale of Capital Assets	11,801	250	-	-	-	0.00%	-	-
Total Income (Loss)	159,650	248,644	(790,050)	(957,290)	194,880	-120.36%	128,740	102,520
Beginning Net Position	5,565,969	5,725,619	5,974,263	5,974,263	5,184,213	-13.22%	5,379,093	5,507,833
Ending Net Position	\$ 5,725,619	\$ 5,974,263	\$ 5,184,213	\$ 5,016,973	\$ 5,379,093	7.22%	\$ 5,507,833	\$ 5,610,353

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

Performance Indicators	2015/16 Actual	2016/17 Actual	2017/18 Projected	2018/19 Budget
Aquatic Center Admissions	36,021	36,417*	46,200	46,300
Season Pass Attendance	18,185	15,732	17,375	17,800
Swim Lesson Registrations	1,021	821	1,025	1,200
Residents Daily Visits	9,556	10,081	11,680	11,800
Non-Resident Daily Visits	8,104	9,156	10,758	10,800

Notes on Performance Indicators

- * Unseasonable wet and cool weather

Aquatics

SUMMARY OF BUDGET CHANGES

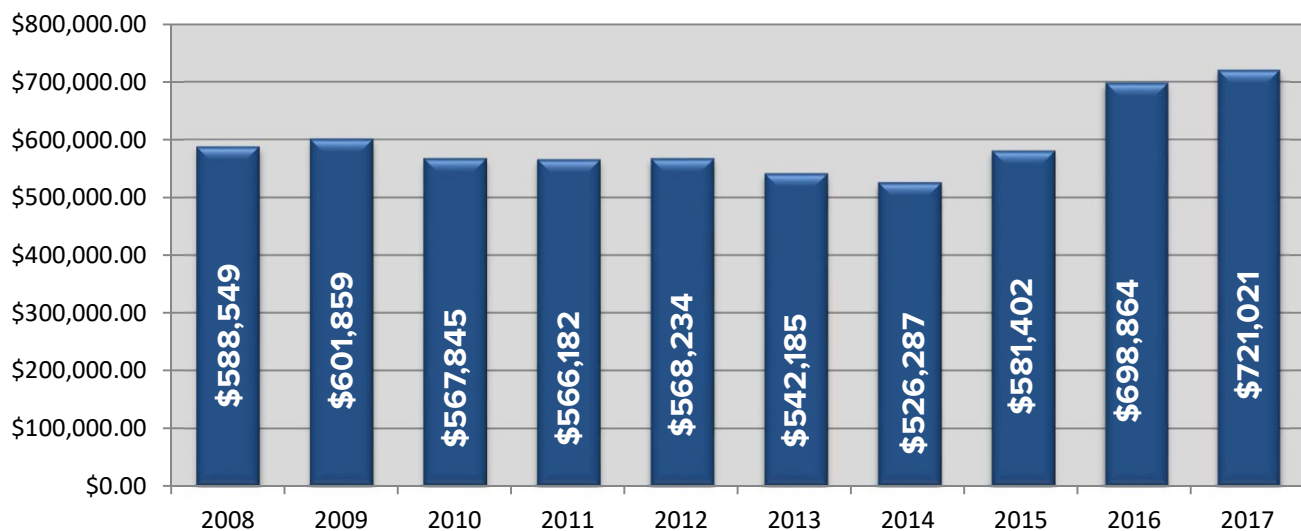
- Significant Notes - 2018/19 Budget Compared to 2017/18 Budget**

Less hours budgeted for concessions and water instructors. General operating supplies increase for additional pool maintenance.

Personnel								
Summary	2016 Budget		2017 Budget		2018 Budget		2019 Budget	
	Full-Time	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time
Aquatic Center	0	11.4	0	13.5	0	13.1	0	11.5
Total Department	0	11.4	0	13.5	0	13.1	0	11.5

PERFORMANCE INDICATORS

- Expense History**



Note: expenditure increase beginning in fiscal 2016 due to TFAC incorporating concession operations.

Aquatic Center

Enterprise Funds Recreation and Culture

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 587 Aquatic Center								
<u>REVENUES</u>								
Department: 000 Revenue								
Business Unit: 587 Aquatic Revenue								
587.000.00.000								
Charges for Services	\$ 710,410	\$ 587,931	\$ 615,000	\$ 664,000	\$ 620,000	-6.63%	\$ 630,000	\$ 635,000
Interest and rents	18,087	3,331	8,500	40,700	8,500	-79.12%	8,500	8,500
Other Revenues	(4,044)	125	-	100	100	0.00%	100	100
Total Revenues	724,453	591,387	623,500	704,800	628,600	-10.81%	638,600	643,600
<u>EXPENSE</u>								
Business Unit: 787 Aquatic Exp								
Expenditures for Operations								
587.787.00.787								
PERSONAL SERVICES	287,800	313,409	283,910	316,810	310,000	-2.15%	317,750	325,690
SUPPLIES	131,117	129,627	105,000	106,100	121,100	14.14%	123,100	125,100
OTHER SERVICE CHARGES	107,836	89,860	117,300	130,530	125,950	-3.51%	128,380	130,750
Total Operating Expense	526,752	532,896	506,210	553,440	557,050	0.65%	569,230	581,540
Income from Operations (Before Cap/Depr)	197,701	58,491	117,290	151,360	71,550	-52.73%	69,370	62,060
Capital/Depreciation Expense								
587.789.00.789								
Depreciation	172,112	188,125	-	-	-	0.00%	-	-
Capital Expenditures	-	-	30,000	60,000	65,000	8.33%	130,000	100,000
Total Capital/Depreciation Expense	172,112	188,125	30,000	60,000	65,000	8.33%	130,000	100,000
Total Income (Loss)	25,588	(129,634)	87,290	91,360	6,550	-92.83%	(60,630)	(37,940)
Beginning Net Position	1,072,345	1,097,933	968,300	968,300	1,055,590	9.01%	1,062,140	1,001,510
Ending Net Position	\$ 1,097,933	\$ 968,300	\$ 1,055,590	\$ 1,059,660	\$ 1,062,140	0.23%	\$ 1,001,510	\$ 963,570

WATER & SEWER

Public Works Director | Kurt Bovensiepe

Water and Sewer Operations Manager | Paul Trosper

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

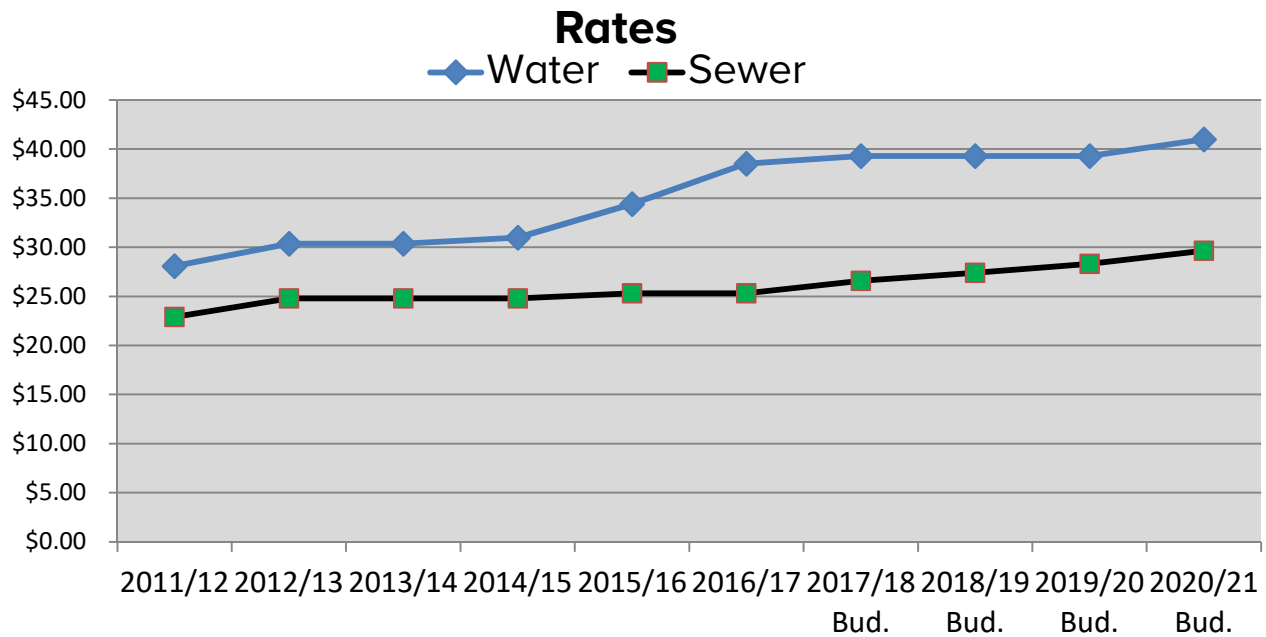
PERFORMANCE INDICATORS

Performance Indicators	2015/16 Actual	2016/17 Actual	2017/18 Projected	2018/19 Budget
Service Request Received	3,000	3,000	3,500	3,000
New Water Taps	145	145	140	135
New Water Meter Installations	145	145	140	135
Backflow Compliance Notices	12,923	12,923	8,500	8,500
Repaired Water Main Breaks	16	16	20	20
Valves Turned	5,000	5,000	5,000	5,000
Miss Dig Teletypes	6,500	6,500	6,300	6,750
Hydrants Winterized	5,977	5,977	6,000	6,050
* Water Sample Testing	450	450	450	450
Sanitary Sewers Cleaned (feet)	985,000	985,000	1,200,000	1,300,000
Large Meter Exchanges	60	60	50	50
10 Year Meter Exchanges	2,100	2,100	2,200	2,100
Water & Sewer Customers	27,200	27,200	27,300	27,440
Miles of Water Main	529	529	534	554
Water Purchased from Detroit (MCF)	481,908	508,228	468,200	470,000
Miles of Sanitary Sewer	410	410	415	420
Sanitary Sewer Main Blockages	4	4	4	4

Notes on Performance Indicators

Troy has experienced a large increase in development, both commercial and residential in 2017/18. This growth is expected to continue into 2018/19. While new development brings an increase in water usage, weather is still the most important factor regarding usage/rates. Continued new technology in the field of water conservation is also impacting water usage across the nation. With all factors considered water use is predicted and budgeted at similar volumes projected for the 2017/18 fiscal year.

Water and Sewer Summary



	2011/12 Rates	2012/13 Rates	2013/14 Rates	2014/15 Rates	2015/16 Rates	2016/17 Rates	2017/18 Rates	Budget 2018/19 Rates	Budget 2019/20 Rates	Budget 2020/21 Rates
Water	\$28.10	\$30.35	\$30.35	\$31.00	\$34.40	\$38.50	\$39.30	\$39.30	\$39.30	\$41.00
Sewer	\$22.90	\$24.80	\$24.80	\$24.80	\$25.30	\$25.30	\$26.60	\$27.40	\$28.30	\$29.65
Total										
Rate	\$51.00	\$55.15	\$55.15	\$55.80	\$59.70	\$63.80	\$65.90	\$66.70	\$67.60	\$70.65
Rate Increase	\$ 5.10	\$ 4.15	\$ -	\$ 0.65	\$ 3.90	\$ 4.10	\$ 2.10	\$ 0.80	\$ 0.90	\$ 3.05
Percent	11.1%	8.1%	0.0%	1.2%	7.0%	6.9%	3.3%	1.2%	1.3%	4.5%
Average Quarterly Consumer Billing based on 3.9 mcf:						\$248.82	\$257.01	\$260.13	\$263.64	\$275.54
Increase Per Quarterly Billing							\$8.19	\$3.12	\$3.51	\$11.90

Positions	2016 Budget		2017 Budget		2018 Budget		2019 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Water/Sewer Division	36.3	1.4	35.8	1	35.7	1.5	35.7	1.3
Total Department	36.3	1.4	35.8	1	35.7	1.5	35.7	1.3

Water and Sewer

SUMMARY OF BUDGET CHANGES

• Significant Notes - 2018/19 Budget Compared to 2017/18

Great Lakes Water Authority (formerly Detroit Water and Sewer Dept. (DWSD)) estimate for the water cost fixed rate remained relatively flat and the estimate for the variable rate decreased from \$12.04 to \$11.63 per mcf. The combined purchased water cost is estimated at \$13.7 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 sewer systems is expected to increase from \$10.5 million to \$10.9 million or \$321 thousand or 3.0%.

Detroit Water & Sewer Department Rate:

Year	Estimated Fixed Fee	Est. Variable Rate	Est. Combined Rate	Est. Usage (mcf)
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
2017/18	8,242,000	\$12.04	\$29.57	470,000
2018/19	8,247,600	\$11.63	\$29.18	470,000

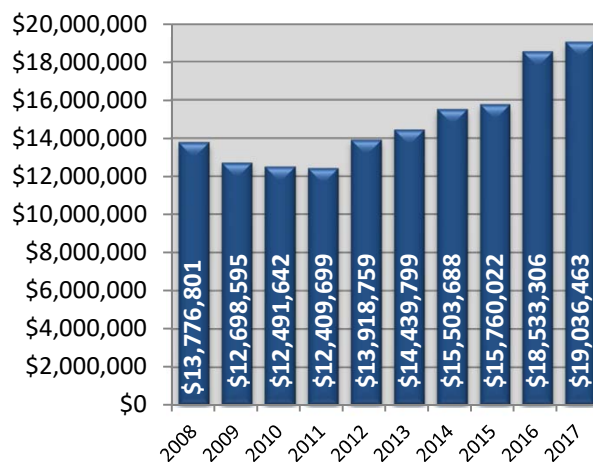
G.W. Kuhn Sewerage Rate:

Year	Estimated Fixed Fee	Est. Variable Rate	Estimated Combined Rate	Est. Usage (mcf)
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
2017/18	8,738,220	\$0.00	\$21.84	400,000
2018/19	9,000,000	\$0.00	\$22.50	400,000

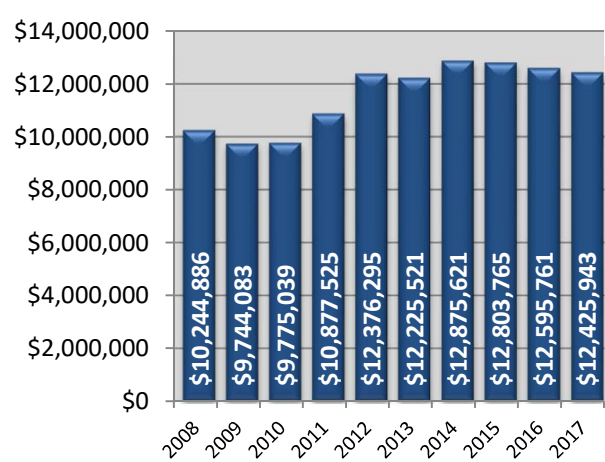
Evergreen-Farmington Sewerage Rate:

Year	Estimated Fixed Fee	Est. Variable Rate	Est. Combined Rate	Est. Usage (mcf)
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
2017/18	1,794,340	\$0.00	\$25.63	70,000
2018/19	1,853,350	\$0.00	\$26.29	70,500

Operating Budget History - Water



Operating Budget History - Sewer



**Enterprise Funds
Public Works**

Sewer Fund

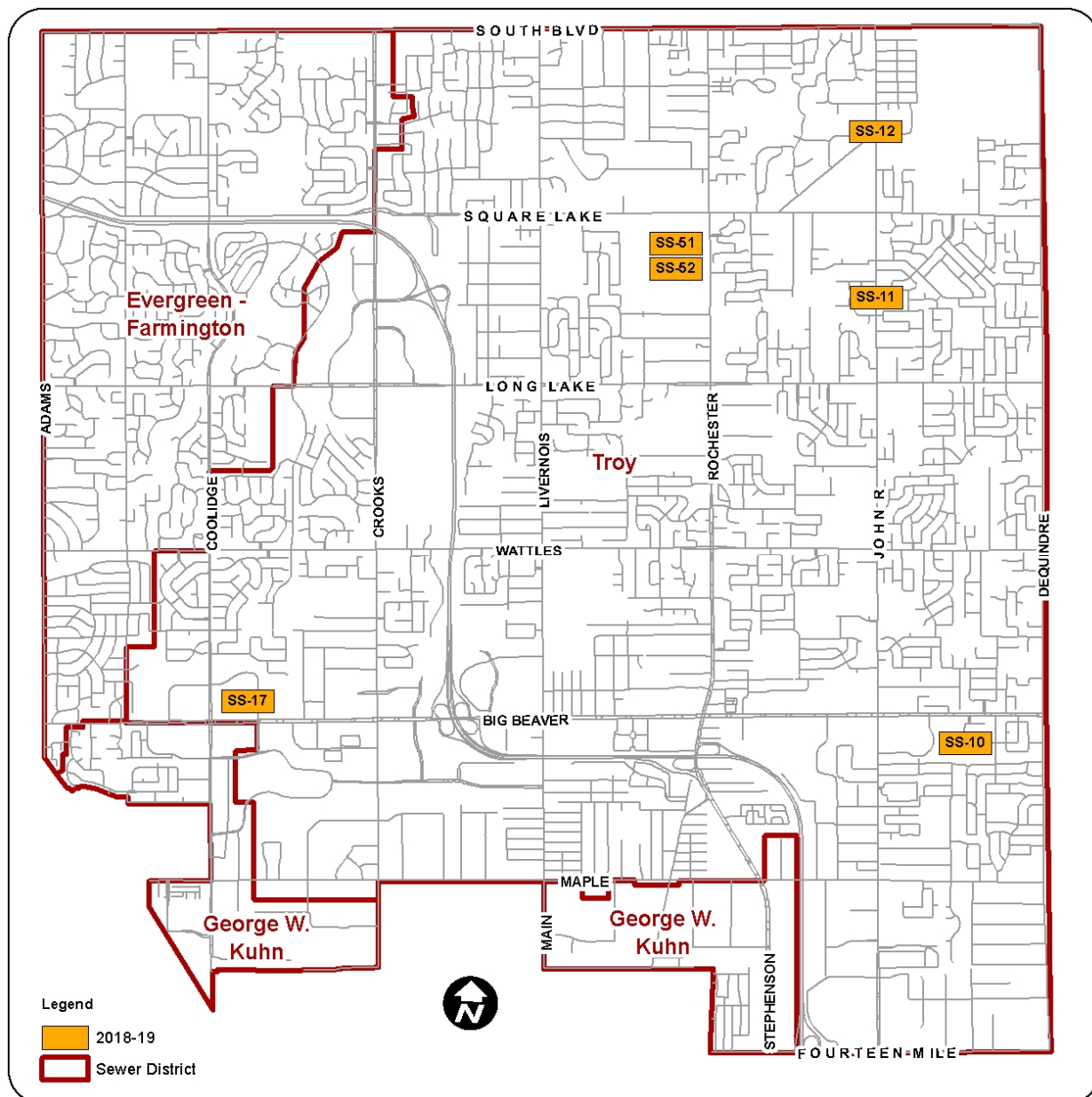
	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 590 Sewer Fund								
REVENUES								
Department: 000 Revenue								
Business Unit: 590 Sewer Revenue								
590.000.00.000								
Charges for Services	\$ 12,469,649	\$ 13,507,180	\$ 13,309,120	\$ 13,344,920	\$ 13,735,180	2.92%	\$ 14,172,720	\$ 14,807,220
Federal Grants - SAW	232,587	274,475	-	-	-	0.00%	-	-
Interest and rents	445,700	26,182	50,000	220,300	50,000	-77.30%	50,000	50,000
Other Revenues	235,403	1,104,946	-	-	-	0.00%	-	-
Total Revenues	13,383,339	14,912,783	13,359,120	13,565,220	13,785,180	1.62%	14,222,720	14,857,220
EXPENSE								
Expenditures for Operations								
Business Unit: 527 Sewer Administration								
590.527.00.527								
Personal Services	255,360	27,269	294,350	347,110	403,650	16.29%	414,510	425,660
Supplies	0	39	2,500	4,000	4,000	0.00%	4,000	4,000
Other Service Charges	10,405,155	10,939,958	11,750,310	11,815,460	12,123,010	2.60%	12,468,960	12,821,340
Total Sewer Administration	10,660,515	10,967,266	12,047,160	12,166,570	12,530,660	2.99%	12,887,470	13,251,000
Business Unit: 536 Sewer Maintenance								
590.527.00.536								
Personal Services	481,392	17,112	535,510	853,350	913,320	7.03%	937,810	962,980
Supplies	82,695	48,698	59,700	85,130	85,160	0.04%	85,160	85,160
Other Service Charges	212,973	224,154	239,100	274,470	275,380	0.33%	275,490	275,510
Total Sewer Maintenance	777,061	289,964	834,310	1,212,950	1,273,860	5.02%	1,298,460	1,323,650
Total Operating Expense (Before Cap/Depr)	11,437,576	11,257,229	12,881,470	13,379,520	13,804,520	3.18%	14,185,930	14,574,650

**Enterprise Funds
Public Works**

Sewer Fund

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Total Operating Income (Before Cap/Depr)	1,945,763	3,655,554	477,650	185,700	(19,340)	-110.41%	36,790	282,570
Business Unit: 535 Capital/Depreciation Expense								
590.527.00.535								
Depreciation	1,158,185	1,168,714	-	-	-	0.00%	-	-
Capital Expenditures	(0)	0	1,745,000	2,570,000	2,485,000	-3.31%	1,750,000	3,500,000
Total Capital/Depreciation Expense	1,158,185	1,168,714	1,745,000	2,570,000	2,485,000	-3.31%	1,750,000	3,500,000
Total Operating Income (Loss)	787,578	2,486,840	(1,267,350)	(2,384,300)	(2,504,340)	5.03%	(1,713,210)	(3,217,430)
Business Unit: 536 Other Financing Uses								
Transfers Out	-	-	-	-	-	0.00%	-	-
Total Income (Loss)	787,578	2,486,840	(1,267,350)	(2,384,300)	(2,504,340)	5.03%	(1,713,210)	(3,217,430)
Beginning Net Position (restated GASB 75)	64,461,901	65,249,479	67,736,319	67,736,319	66,468,969	-1.87%	63,964,629	62,251,419
Ending Net Position	\$ 65,249,479	\$ 67,736,319	\$ 66,468,969	\$ 65,352,019	\$ 63,964,629	-2.12%	\$ 62,251,419	\$ 59,033,989

Sewer Fund Capital



Sewer Fund Capital

SEWER FUND 2018/19 BUDGET (590.527.535.7973)

Map Number	Project Number	Project Name	Total Project Cost	Total City Cost	Other Sources	17/18 Amended Budget	17/18 Expenditure to 6/30/18	17/18 Balance at 6/30/18	Proposed 18/19 Budget	Comments
SS-04	09.401.5	Miscellaneous Sanitary Sewer Locations	3,000,000	3,000,000	-	500,000	25,000	475,000	500,000	City Wide Sanitary Sewer Extension Program
SS-10	17.402.5	Big Beaver Relief Sewer	4,600,000	4,600,000	-	100,000	75,000	25,000	100,000	Big Beaver Interceptor
SS-11	02.203.5	John R, Long Lake to Square Lake	1,000,000	1,000,000					1,000,000	Part of John R Widening
SS-12	02.204.5	John R, Square Lake to South Blvd.	600,000	600,000					600,000	Part of John R Widening
SS-13	16.401.5	Dequindre, Long Lake to Square Lake	600,000	600,000	-	600,000	600,000	-	-	Part of Dequindre Widening
SS-17	16.403.5	Lift Station Renovation	500,000	500,000	-	500,000	450,000	50,000	100,000	7 Stations
SS-18	16.402.5	Sturgis Drain Sewer Bank Stabilization	600,000	600,000	-	600,000	400,000	200,000	-	Bank Stabilization to Protect Sanitary Sewer
SS-20	17.401.5	SCADA Upgrade	70,000	70,000	-	70,000	70,000	-	-	
SS-48	7978	DPW Renovations	100,000	100,000	-	100,000	100,000	-	-	By DPW
SS-49	7973.0001	Various Projects & Locations	50,000	50,000	-	50,000	25,000	25,000	50,000	Various Projects
SS-50	7978.010	General Equipment	50,000	50,000	-	50,000	-	50,000	50,000	DPW
SS-51	7978	W&S Garage Heat Unit Replacement	55,000	55,000					55,000	DPW
SS-52	7978	W&S Garage Door Replacement	30,000	30,000					30,000	DPW
TOTALS:			11,255,000	11,255,000	-	2,570,000	1,745,000	825,000	2,485,000	

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-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-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-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.

Sewer Fund Capital***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.

SS-51. Water & Sewer Garage Heating Unit Replacement (DPW Building.)

The DPW building was built in 1972, the heating unit in the Water & Sewer garage is the original heating unit. The heating unit has exceeded its' life expectancy, is inefficient and costly to repair. A new heating unit will provide a comfortable working environment while reducing operational costs.

SS-52. Water & Sewer Garage Door Replacement (DPW Building.)

The DPW building was built in 1972, the overhead door in the Water & Sewer garage is the original door. The door has exceeded its' life expectancy, is inefficient and costly to repair. A new door will assist in providing a comfortable working environment while reducing operational costs.

**Enterprise Funds
Public Works**

Water Fund

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 591 Water Fund								
<u>REVENUES</u>								
Department: 000 Revenue								
Business Unit: 591 Water Revenue								
591.000.00.000								
Charges for Services	\$ 17,459,813	\$ 20,696,128	\$ 20,121,560	\$ 19,533,000	\$ 19,806,000	1.40%	\$ 19,806,000	\$ 20,605,000
Interest and rents	239,395	6,521	14,100	108,000	14,000	-87.04%	14,000	14,000
Other Revenues	634,492	1,309,391	100,000	98,230	100,100	1.90%	100,100	100,100
Total Revenues	18,333,700	22,012,039	20,235,660	19,739,230	19,920,100	0.92%	19,920,100	20,719,100
<u>EXPENSE</u>								
Expenditures for Operations								
Transmission/Distribute								
591.537.00.537								
Personal Services	67,303	81,679	84,470	136,470	136,040	-0.32%	139,710	143,480
Supplies	4,015	29,135	30,000	30,000	30,000	0.00%	30,000	30,000
Other Service Charges	25,131	29,672	29,700	29,400	30,350	3.23%	30,560	30,830
Total Water Transmission/Distribution	96,449	140,486	144,170	195,870	196,390	0.27%	200,270	204,310
Business Unit: 538 Water Customer Cross Connect								
591.537.00.538								
Personal Services	115,562	101,738	95,180	103,170	116,220	12.65%	119,220	122,300
Supplies	5,536	4,627	4,900	5,000	8,000	60.00%	5,000	5,000
Other Service Charges	9,955	11,936	9,000	10,000	10,000	0.00%	10,000	10,000
Total Water Customer Cross Connection	131,053	118,300	109,080	118,170	134,220	13.58%	134,220	137,300

**Enterprise Funds
Public Works**

Water Fund

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 539 Water Contractors Service								
591.537.00.539								
Personal Services	197,736	222,066	221,720	158,510	141,010	-11.04%	144,800	148,690
Supplies	2,929	1,717	2,200	2,200	2,300	4.55%	2,400	2,400
Other Service Charges	16,086	16,856	18,500	17,500	18,000	2.86%	18,200	18,400
Total Water Contractors Service	216,751	240,639	242,420	178,210	161,310	-9.48%	165,400	169,490
Business Unit: 540 Water Main Testing								
591.537.00.540								
Personal Services	36,346	32,443	65,850	85,800	82,660	-3.66%	84,870	87,150
Supplies	282	504	800	1,100	1,100	0.00%	1,100	1,100
Other Service Charges	2,136	2,701	3,000	3,100	3,200	3.23%	3,200	3,200
Total Water Main Testing	38,763	35,648	69,650	90,000	86,960	-3.38%	89,170	91,450
Business Unit: 541 Maintenance of Mains								
591.537.00.541								
Personal Services	218,745	206,716	212,480	325,550	393,010	20.72%	403,610	414,520
Supplies	35,467	56,431	20,000	35,000	35,000	0.00%	35,000	35,000
Other Service Charges	121,087	129,267	109,000	124,200	124,200	0.00%	124,200	124,200
Total Maintenance of Mains	375,299	392,414	341,480	484,750	552,210	13.92%	562,810	573,720

**Enterprise Funds
Public Works**

Water Fund

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 542 Maintenance of Services								
591.537.00.542								
Personal Services	319,649	388	294,620	408,340	430,220	5.36%	441,960	454,030
Supplies	64,041	67,150	46,000	55,000	55,000	0.00%	55,000	55,000
Other Service Charges	143,282	143,293	110,000	75,000	110,000	46.67%	115,000	115,000
Total Maintenance of Services	526,972	210,831	450,620	538,340	595,220	10.57%	611,960	624,030
Business Unit: 543 Maintenance of Meters								
591.537.00.543								
Personal Services	393,627	34,849	469,210	465,960	487,130	4.54%	500,360	513,950
Supplies	324,911	324,526	220,000	335,000	275,000	-17.91%	275,000	275,000
Other Service Charges	27,000	29,974	54,000	58,000	58,000	0.00%	58,500	59,000
Total Maintenance of Meters	745,538	389,348	743,210	858,960	820,130	-4.52%	833,860	847,950
Business Unit: 544 Maintenance of Hydrants								
591.537.00.544								
Personal Services	185,186	250,001	305,920	370,710	353,130	-4.74%	362,560	372,240
Supplies	43,600	45,734	40,000	25,000	45,000	80.00%	45,000	50,000
Other Service Charges	60,786	107,242	80,000	83,200	83,200	0.00%	83,200	83,200
Total Maintenance of Hydrants	289,571	402,978	425,920	478,910	481,330	0.51%	490,760	505,440

**Enterprise Funds
Public Works**

Water Fund

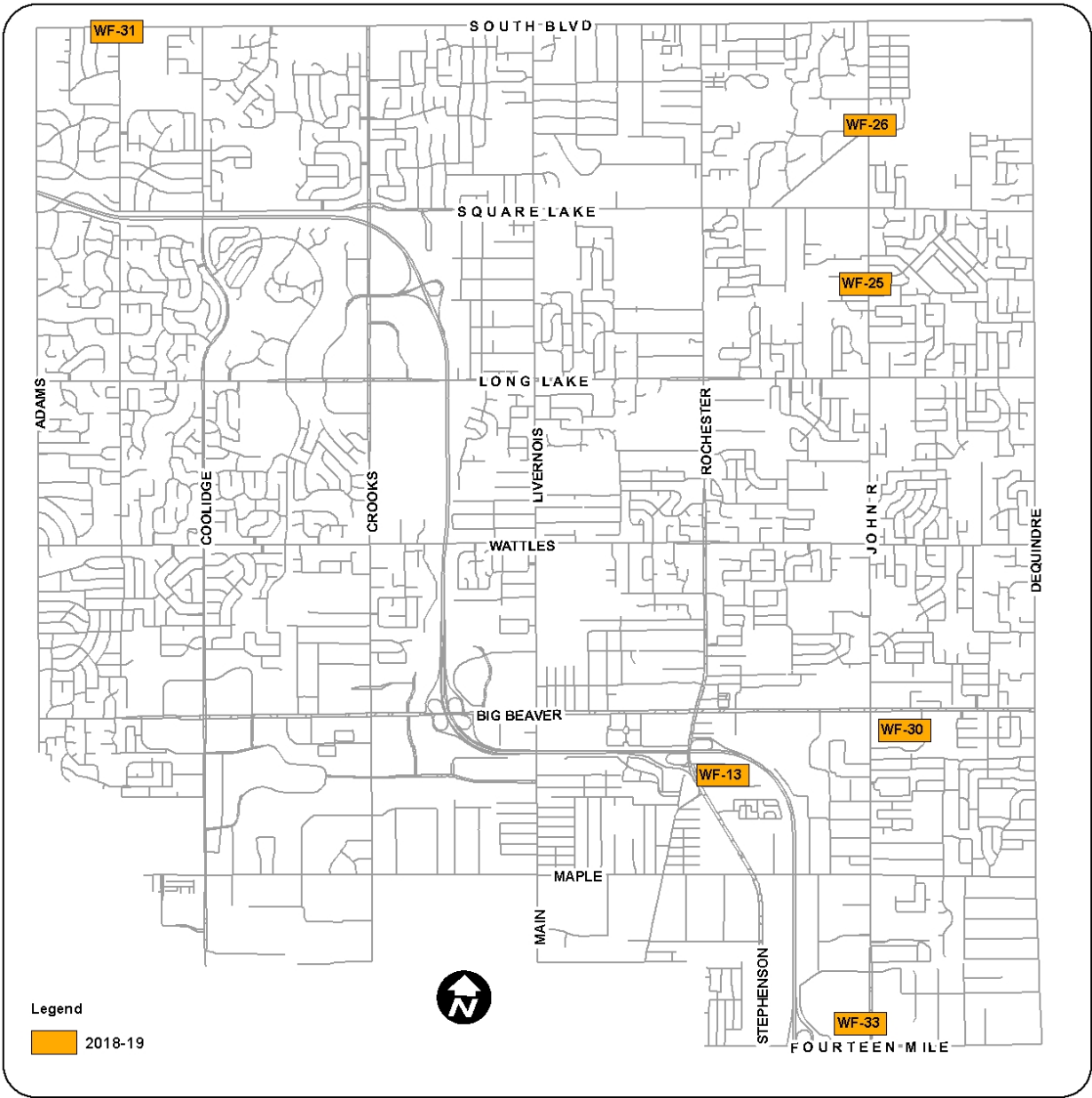
	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 545 Water Meter & Tap-Ins								
591.537.00.545								
Personal Services	335	-	-	-	-	0.00%	-	-
Supplies	32,005	14,782	-	-	-	0.00%	-	-
Other Service Charges	-	-	-	-	-	0.00%	-	-
Total Water Meter & Tap-Ins	32,340	14,782	-	-	-	0.00%	-	-
Business Unit: 548 Water Administration								
591.537.00.548								
Personal Services	645,507	95,986	449,140	356,540	346,360	-2.86%	355,780	365,500
Supplies	27,139	29,526	24,200	26,000	34,000	30.77%	34,000	34,500
Other Service Charges	12,854,494	14,423,314	14,086,170	14,446,740	14,291,840	-1.07%	14,850,130	15,443,500
Total Water Administration	13,527,140	14,548,826	14,559,510	14,829,280	14,672,200	-1.06%	15,239,910	15,843,500
Business Unit: 546 Water Accounting								
591.546.00.546								
Personal Services	33,591	38,615	53,160	95,010	87,250	-8.17%	89,600	92,020
Supplies	-	-	-	-	-	0.00%	-	-
Other Service Charges	2,332	3,120	3,500	5,900	5,000	-15.25%	5,000	5,000
Total Water Administration	35,923	41,735	56,660	100,910	92,250	-8.58%	94,600	97,020

**Enterprise Funds
Public Works**

Water Fund

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Business Unit: 547 Water Accounting & Collect								
591.546.00.547								
Personal Services	83,605	41,806	52,240	56,040	59,070	5.41%	60,650	62,250
Supplies	45,991	44,708	43,500	43,000	43,000	0.00%	43,000	43,000
Other Service Charges	63,872	64,026	56,610	62,610	63,110	0.80%	63,620	63,620
Total Water Administration	193,469	150,539	152,350	161,650	165,180	2.18%	167,270	168,870
Total Operating Expenses (Before Cap/Depr)	16,209,268	16,686,527	17,295,070	18,035,050	17,957,400	-0.43%	18,590,230	19,263,080
Total Operating Income (Before Cap/Depr)	2,124,432	5,325,512	2,940,590	1,704,180	1,962,700	15.17%	1,329,870	1,456,020
Business Unit: 555 Capital/Depreciation Expense								
591.537.00.555								
Depreciation	2,324,039	2,349,934	-	-	-	0.00%	-	-
Capital Expenditures	(0)	(0)	1,558,100	2,110,600	2,775,000	31.48%	2,100,000	2,075,000
Total Capital/Depreciation Expense	2,324,039	2,349,934	1,558,100	2,110,600	2,775,000	31.48%	2,100,000	2,075,000
Total Income (Loss)	(199,607)	2,975,578	1,382,490	(406,420)	(812,300)	99.87%	(770,130)	(618,980)
Beginning Net Position (restated GASB 75)	97,417,020	97,217,413	100,192,991	100,192,991	101,575,481	1.38%	100,763,181	99,993,051
Ending Net Position	\$ 97,217,413	\$ 100,192,991	\$ 101,575,481	\$ 99,786,571	\$ 100,763,181	0.98%	\$ 99,993,051	\$ 99,374,071

Water Fund Capital



Water Fund Capital

WATER FUND 2017/18 BUDGET (591.537.555.7972)

Map Number	Project Number	Project Name	Total Project Cost	Total City Cost	Other Sources	17/18 Amended Budget	17/18 Expenditure to 6/30/18	17/18 Balance at 6/30/18	Proposed 18/19 Budget	Comments
	12.501.5	Section 4 North 1/2			-		12,500	(12,500)	-	
	16.505.5	Wattles, John R to Dequindre			-		150,000	(150,000)	-	
WF-13	18.502.5	Naughton, Wheaton & Piedmont	2,100,000	2,100,000					1,000,000	
	17.507.5	Road Crossings Axtell & Coolidge	200,000	200,000		200,000	200,000			1640, 1670, 1890 & 1902 Axtell/Coolidge, South Blvd to Mountain
WF-25	02.203.5	John R, Long Lake to Square Lake							400,000	Part of John R Widening
WF-26	02.204.5	John R, Square Lake to South Blvd.							300,000	Part of John R Widening
	17.506.5	Dequindre, Long Lake to South Blvd	200,000	200,000		200,000	200,000	-		Part of Dequindre Reconstruction & Widening
WF-30	17.502.5	Roundtree Loop	275,000	275,000	-	275,000	200,000	75,000	325,000	Water Main Replacement
WF-31	17.503.5	Beach PRV	600,000	600,000	-	600,000	300,000	300,000	300,000	PRV Replacement at Beach and South Blvd
	17.504.5	2200, 2272, 2466 Crooks Crossings	310,000	310,000	-	310,000	310,000	-		6" & 8" Water Main Crossings
WF-33	17.505.5	14 Mile & John R Parallel Service Line	340,000	340,000	-	340,000	-	340,000	350,000	Replace Gate Valve & Wells on 14 Mile at John R
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	-	135,600	135,600	-	50,000	By DPW
TOTALS:			4,200,000	4,200,000	-	2,110,600	1,558,100	552,500	2,775,000	

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-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-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.

Water Fund Capital***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-33. 14 Mile and John R Parallel Service Line

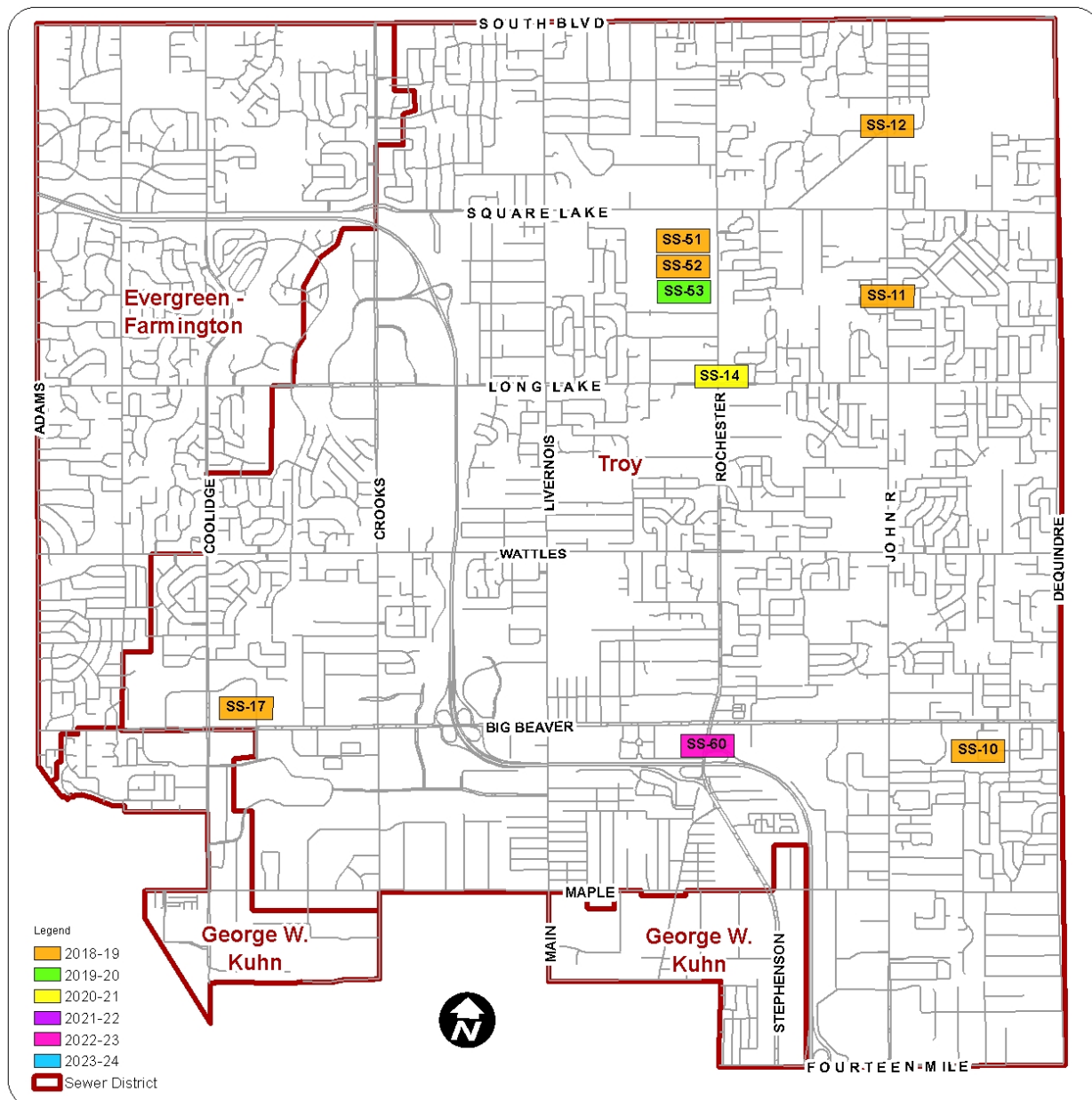
This project will remove services off the 16" transmission water main under the pavement along the north side of 14 Mile Road. The valves in this area have experienced deterioration from their exposure to salt and traffic, causing leaks that require water turn offs affecting many commercial properties 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
Sewer Fund**

6 Year Capital Improvement Plan Sewer Fund

6 Year CIP - Sewer Fund

Map Number	Project Name	Total Project Cost	Total City Cost	Proposed						Comments
				2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	
SS-04	Miscellaneous Sanitary Sewer Locations	3,000,000	3,000,000	500,000	500,000	500,000	500,000	500,000	500,000	City wide sanitary sewer extension program
SS-10	Big Beaver Relief Sewer	4,600,000	4,600,000	100,000	1,000,000	2,000,000	1,500,000	-	-	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-14	Rochester, Barclay to Trinway	900,000	900,000	-	-	900,000	-	-	-	Part of Rochester Widening
SS-17	Lift Station Renovation	100,000	100,000	100,000	-	-	-	-	-	7 Stations
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
SS-51	W&S Garage Heat Unit Replacement	55,000	55,000	55,000	-	-	-	-	-	DPW Water & Sewer
SS-52	W&S Garage Door Replacement	30,000	30,000	30,000	-	-	-	-	-	DPW Water & Sewer
SS-53	W&S Storage Bldg. & Workshop Replacement	150,000	150,000	-	150,000	-	-	-	-	DPW Water & Sewer
SS-60	Sanitary Sewer CIPP	1,000,000	1,000,000	-	-	-	-	500,000	500,000	Big Beaver Relief Sewer, Big Beaver - 14 Mile
TOTALS:		12,035,000	12,035,000	2,485,000	1,750,000	3,500,000	2,100,000	1,100,000	1,100,000	

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-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.

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.

**6 Year Capital Improvement Plan
Sewer Fund*****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.

SS-51. Water & Sewer Garage Heating Unit Replacement (DPW Building.)

The DPW building was built in 1972, the heating unit in the Water & Sewer garage is the original heating unit. The heating unit has exceeded its' life expectancy, is inefficient and costly to repair. A new heating unit will provide a comfortable working environment while reducing operational costs.

SS-52. Water & Sewer Garage Door Replacement (DPW Building.)

The DPW building was built in 1972, the overhead door in the Water & Sewer garage is the original door. The door has exceeded its' life expectancy, is inefficient and costly to repair. A new door will assist in providing a comfortable working environment while reducing operational costs.

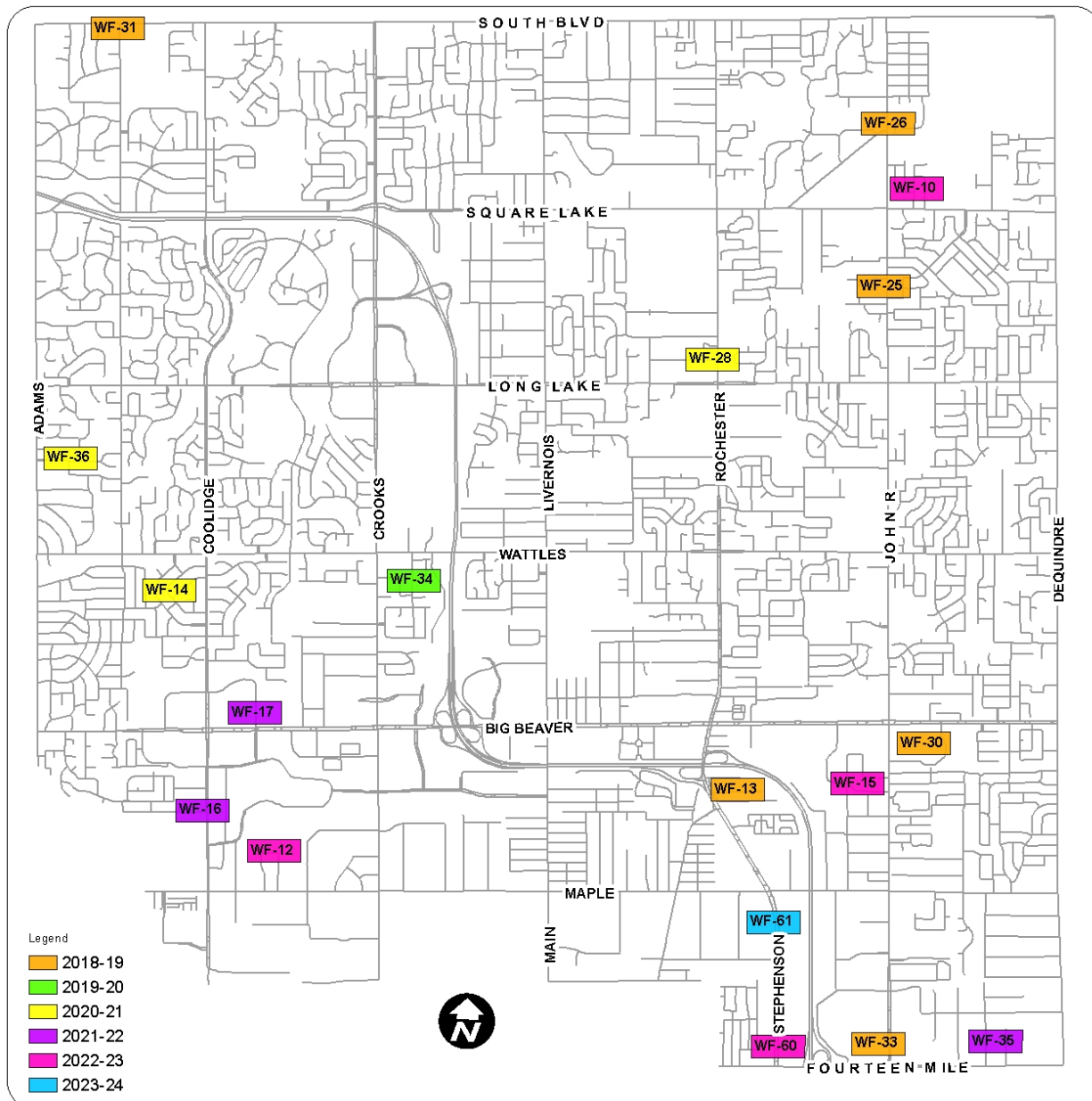
SS-53. Water & Sewer Storage building. & Workshop Replacement (DPW)

The Water & Sewer storage building & workshop is one of the original buildings built on the DPW site in 1972. The structure has exceeded its' life expectancy, is costly to repair and material storage is starting to be compromised. Materials stored and repaired in this building connect to the municipal water and sewer systems.

SS-61. Sanitary Sewer CIPP

Previously Saw Grant Funding provided for cleaning and televising sanitary sewers. Some lines were identified for immediate repair, others were highlighted for needing attention in the future. Sewer lines needing attention are also associated with the Big Beaver Relief Sewer, once the relief sewer is constructed, it can be used as a by-pass sewer for the sewer lining of the existing sewer. Utilizing the new Relief Sewer for by-pass will provide significant cost savings to the Sanitary Sewer CIPP project.

6 Year Capital Improvement Plan Water Fund



6 Year Capital Improvement Plan Water Fund

6 Year CIP - Water Fund										
Map Number	Project Name	Total Project Cost	Total City Cost	Proposed						Comments
				2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	
WF-10	Square Lake Place Subdivision	1,000,000	1,000,000	-	500,000	500,000	-	-	-	Saxony, Tuscany, Normandy, Dryden, Smithfield, Brittany, Silverstone
WF-12	Maxwell & Stutz	500,000	500,000	-	-	-	-	500,000	-	Road Repair Due to Water Main Const.
WF-13	Naughton, Wheaton & Piedmont	2,100,000	2,100,000	1,000,000	1,100,000	-	-	-	-	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-28	Rochester, Barclay to Trinway	400,000	400,000	-	-	400,000	-	-	-	Part of Rochester Widening
WF-30	Roundtree Loop	325,000	325,000	325,000	-	-	-	-	-	Water Main Replacement
WF-31	Beach PRV	300,000	300,000	300,000	-	-	-	-	-	PRV Replacement at Beach & South Blvd
WF-33	14 Mile & John R Parallel Service Line	350,000	350,000	350,000	-	-	-	-	-	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-37	I-75 Crossing at Oakland Mall	450,000	450,000					450,000		Water Main Replacement
WF-38	Stephenson, Maple to 14 Mile	1,900,000	1,900,000						1,900,000	8" to 12" 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	300,000	300,000	50,000	50,000	50,000	50,000	50,000	50,000	DPW
TOTALS:		13,070,000	13,070,000	2,775,000	2,100,000	2,075,000	2,070,000	2,050,000	2,000,000	

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-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.

**6 Year Capital Improvement Plan
Water Fund*****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.

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.

**6 Year Capital Improvement Plan
Water Fund*****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-33. 14 Mile and John R Parallel Service Line

This project will remove services off the 16" transmission water main under the pavement along the north side of 14 Mile Road. The valves in this area 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-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.

**6 Year Capital Improvement Plan
Water Fund*****WF-37. I-75 Crossing at Oakland Mall (Water Main Replacement)***

This project will replace the existing 12" cast iron water main under I-75 approximately 1800 feet north of 14 Mile Road with a new 12" water main. 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-38. Stephenson, Maple to 14 Mile (Water Main Replacement)

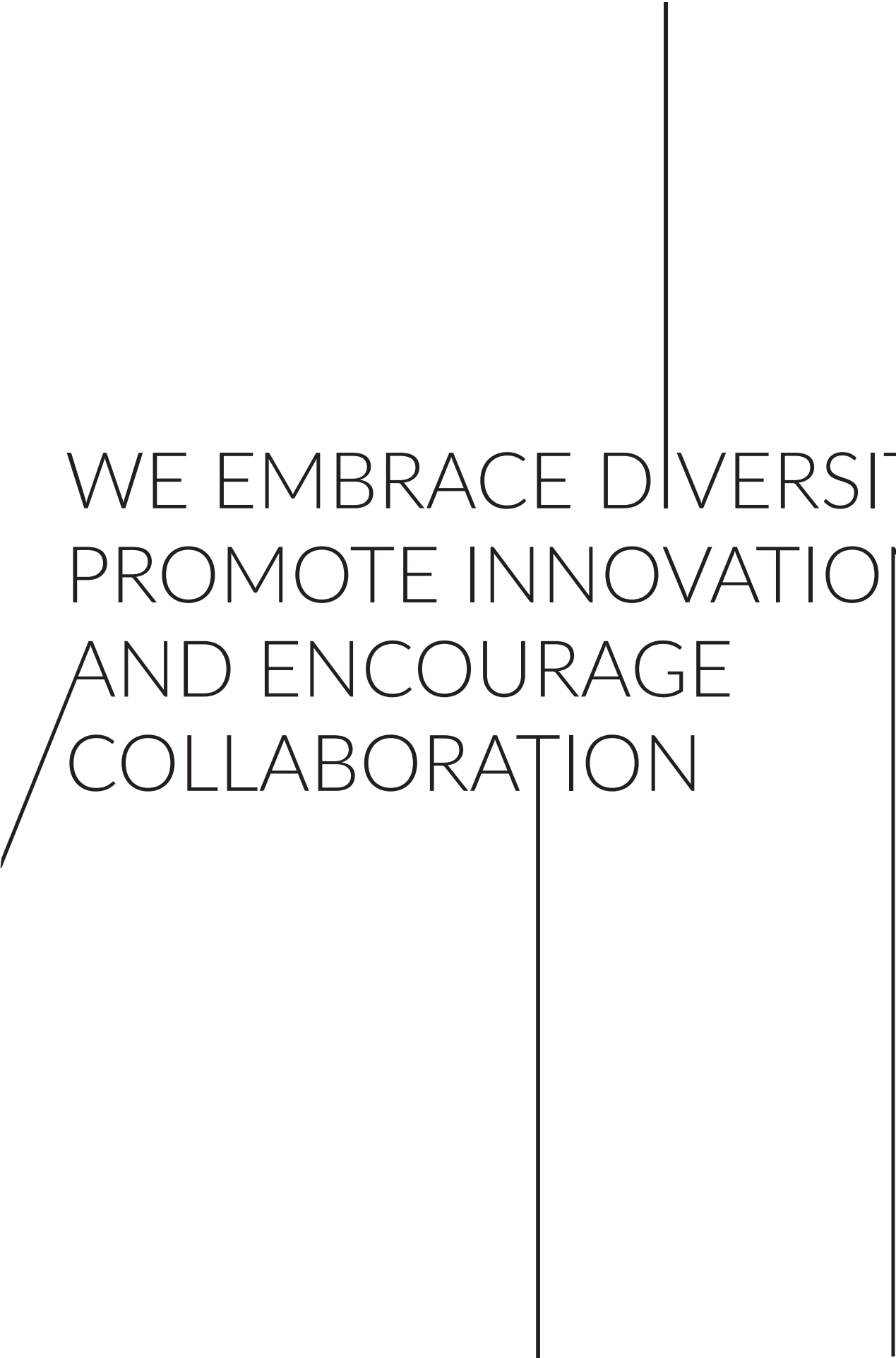
This project will replace the existing 8" cast iron water main on the east side of Stephson Highway with a new 12" water main. This area has experienced several water main breaks and reduced fire flows. This project will be paid for entirely by City funds. Replacement of older water mains reduces the 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.

An abstract graphic consisting of three vertical lines and one diagonal line. The lines are thin and black. The diagonal line starts from the left edge, passes through the word 'AND', and extends downwards. The vertical lines are positioned to the right of the text, with the leftmost one passing through 'DIVERSITY', the middle one passing through 'INNOVATION', and the rightmost one passing through 'COLLABORATION'.

WE EMBRACE DIVERSITY,
PROMOTE INNOVATION
AND ENCOURAGE
COLLABORATION

A map of Troy, Michigan, featuring a diagonal orange overlay that covers the eastern and southern portions of the city. A dashed orange line runs parallel to the boundary between the unshaded and shaded areas. The map shows various streets, including Auburn Rd, W South Blvd, Chrysler Fwy, and I-75. Landmarks such as the Troy Police Training Center, Fresh Thyme Farmers Markets, and White Chapel Cemetery are labeled. The city name 'Troy' is prominently displayed in the center.

Internal Service Funds

BUILDING OPERATIONS

Public Works Director | Kurt Bovensiep

Facilities & Grounds Operations Manager | Dennis Trantham

The mission of the Facilities Maintenance Division of the Department of Public Works is to maintain all city buildings and facilities in a cost effective and efficient manner to provide a safe and pleasing work environment for our employees, and to enhance the customer service experience for our citizens.

DEPARTMENT FUNCTION

Administrative Services

- » Maintains 575,014 sq ft of municipal facilities
- » Prepares the department budget
- » Manages facility-related renovation and capital projects
- » Provides 24-hour maintenance and custodial services to all City-owned buildings
- » Analyzes the needs of facilities and equipment for efficiency and longevity
- » Plans and conducts preventive maintenance programs
- » Procures material, equipment and supplies
- » Coordinates with outside contractors
- » Maintains parts inventory
- » Processes and reviews utility invoices
- » Formulates and develops service procedures and develops safe work practices
- » Receives and coordinates deliveries
- » Provides energy conservation with building upgrades
- » Assists with Elections

Internal Service Funds Building Operations

PERFORMANCE INDICATORS

Performance Indicators	2015/16 Actual	2016/17 Actual	2017/18 Projected	2018/19 Budget
Service Requests	18,500	18,500	18,500	19,000
Number of Buildings	52	51	51	51
City Facilities - Square Feet	573,123	569,623	575,014	575,014
Renovation Projects	3	2	3	2
Interior Preventative Maint.	2	2	2	2
Exterior Preventative Maint.	1	1	1	1
Capital Projects Completed	4	3	5	3
Cost of Building Operations	\$ 1.62	\$ 1.77	\$ 2.19	\$ 2.36
Janitorial Cost per Sq. Ft.	\$ 0.91	\$ 0.68	\$ 0.71	\$ 0.99

SUMMARY OF BUDGET CHANGES

- Significant Notes - 2018/19 Budget Compared to 2017/18**

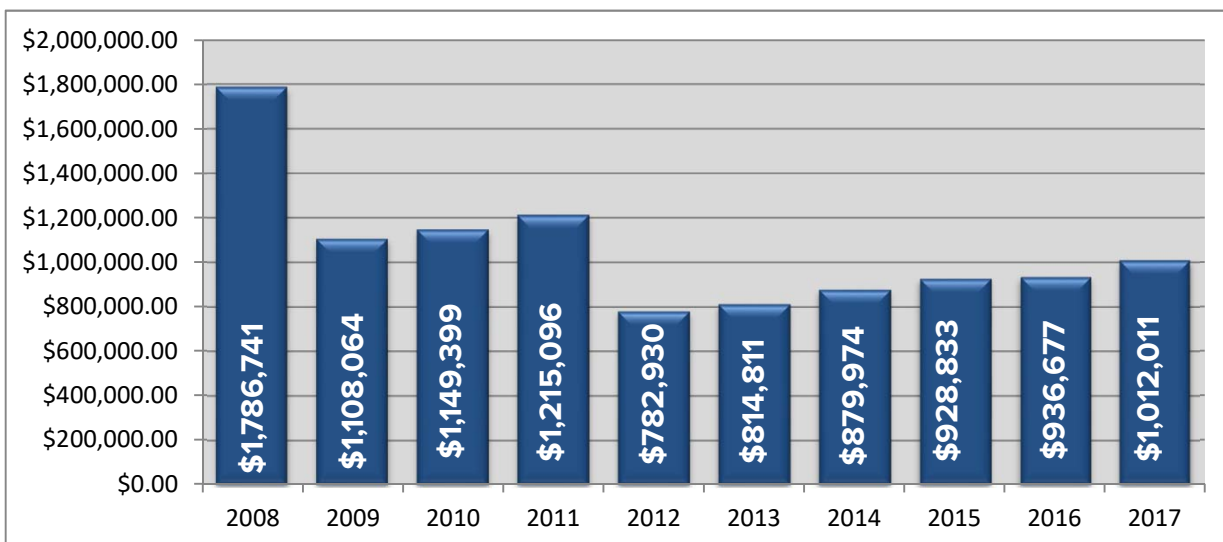
New Operations Manager

Reorganization to include 4 Specialists and 4 Technicians to increase internal customer service (an addition of 2 Technicians)

Technology Enhancements and Investment in Training and Education

Positions	2016 Budget		2017 Budget		2018 Budget		2019 Budget	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Building Operations	7	1.8	8	1.3	8.63	1.4	10.34	0
Total Department	7	1.8	8	1.3	8.63	1.4	10.34	0

- Operating Budget History**



Building Operations

Internal Service Funds
General Government

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 631 Building Operations								
REVENUES								
Department: 000 Revenue								
Business Unit: 587 Aquatic Revenue								
631.000.00.000								
Charges for Services	\$ 928,529	\$ 1,011,623	\$ 1,017,630	\$ 1,130,650	\$ 1,331,700	17.78%	\$ 1,345,200	\$ 1,363,400
Interest and rents	8,148	65	1,000	2,500	1,000	-60.00%	1,000	1,000
Other Revenues	-	323	-	-	-	0.00%	-	-
Total Revenues	936,677	1,012,011	1,018,630	1,133,150	1,332,700	17.61%	1,346,200	1,364,400
EXPENSE								
Business Unit: 264 Building Operations								
Expenditures for Operations								
631.264.00.264								
PERSONAL SERVICES	804,977	879,826	743,490	962,480	1,057,180	9.84%	1,086,180	1,116,010
SUPPLIES	44,502	36,835	39,920	44,310	30,250	-31.73%	30,490	30,730
OTHER SERVICE CHARGES	87,198	95,349	235,220	251,560	245,270	-2.50%	229,530	217,660
Total Operating Expense	936,677	1,012,011	1,018,630	1,258,350	1,332,700	5.91%	1,346,200	1,364,400
Income from Operations (Before Cap/Depr)	-	-	-	(125,200)	-	-100.00%	-	-
Capital/Depreciation Expense								
631.264.00.264								
Depreciation	-	-	-	-	-	0.00%	-	-
Capital Expenditures	-	-	-	-	-	0.00%	-	-
Total Capital/Depreciation Expense	-	-	-	-	-	0.00%	-	-
Total Income (Loss)	-	-	-	(125,200)	-	-100.00%	-	-
Beginning Net Position	600,000	600,000	600,000	600,000	600,000	0.00%	600,000	600,000
Ending Net Position	\$ 600,000	\$ 600,000	\$ 600,000	\$ 474,800	\$ 600,000	26.37%	\$ 600,000	\$ 600,000

FLEET MAINTENANCE

Public Works Director | Kurt Bovensiepe

Fleet Maintenance Operations Manager | 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

Fleet Maintenance Operations Manager | 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

Performance Indicators	2015/16 Actual	2016/17 Actual	2017/18 Projected	2018/19 Budget
Completed Driver's Work Request	1,332	1,114	1,287	1,342
Road Service Calls	42	22	22	26
Completed Work Orders	2,423	2,473	2,430	2,523
Cleaning/Washing	2,149	1,833	240	268
Towing	137	111	106	105
Brake Replacement/Repairs	151	190	202	191
Preventative Maintenance - A	938	872	949	842
Preventative Maintenance - B	161	148	118	156
Vehicle Tires Replaced	499	349	464	452
% 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	11.9	11.2	10.6
Average Age of Police Vehicles (Years)	2.9	3.4	3.2	3.0

Notes on Performance Indicators

- ° Achieve 98-100% compliance with a monthly preventive maintenance program.
- ° Replacement of vehicles and equipment that have exceeded life expectancies.

Internal Service Funds Fleet Maintenance

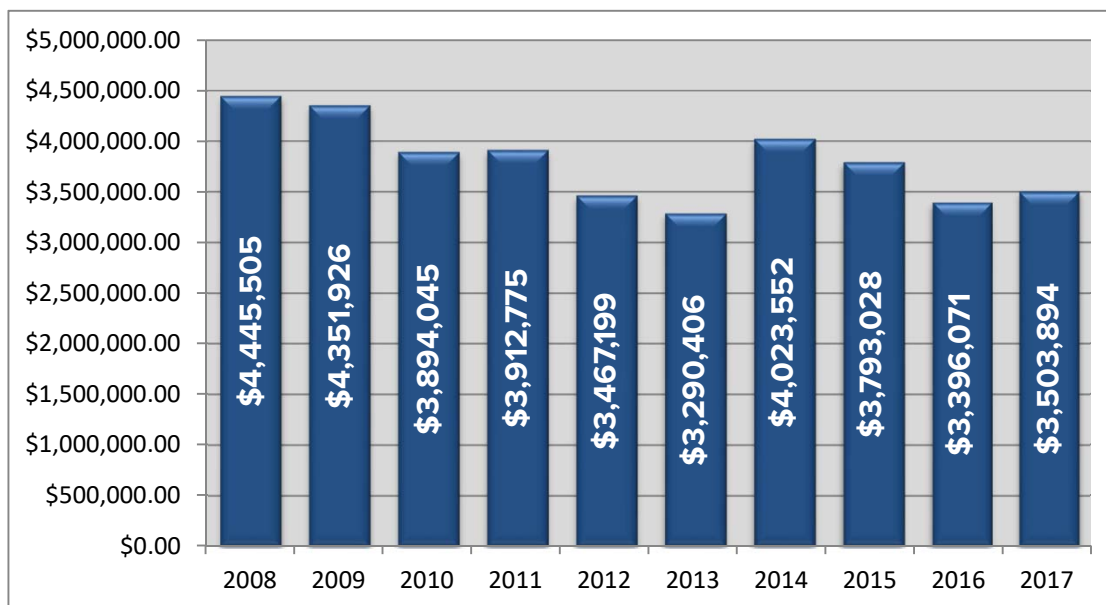
SUMMARY OF BUDGET CHANGES

• Significant Notes - 2018/19 Budget Compared to 2017/18

Personal Services increase due to additional sick/vacation time accrual and the increase for actuarially determined contribution for Retiree Healthcare.

Positions	2016 Budget		2017 Budget		2018 Budget		2019 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	17.13	0.9	17.13	1
Total Department	17.3	1	17.3	1	17.13	0.9	17.13	1

• Operating Budget History



**Internal Service Funds
Fleet Maintenance**

FLEET MAINTENANCE FUND

• ***Section A - Replacement Units***

2019 Quantity	Replaces	Description	Unit Cost	2019 Proposed	2020 Proposed	2021 Proposed
Replacement Vehicles						
1	A	Police Training Van	33,000	\$ 33,000	\$ -	\$ -
6	B	Police Patrol Cars	29,000	174,000	210,000	155,000
2	C	Detective Cars	30,000	60,000	124,000	96,000
0		4X4 Road Patrol Vehicles	-	-	-	64,000
0		Police Canine	-	-	-	33,000
1	D	Fire Department 4X4	30,000	30,000	31,000	32,000
0		Fire Dept. 4X4 Pickup Truck	-	-	32,000	33,000
0		Dump Truck - 2 1/2 Yards	-	-	100,000	102,000
1	E	Dump Truck - 16 Yds w/plow & salt	325,000	325,000	655,000	-
1	F	Sewer Jet Catch Basin Cleaner	417,000	417,000	-	-
1	G	salter	232,000	232,000	-	478,000
0		Staff Vehicles	-	-	52,000	27,000
1	H	Cargo Van	33,000	33,000	66,000	34,000
2	I	Pickup Truck	30,000	60,000	120,000	66,000
1	J	Pickup Truck w/plow & liftgate	40,000	40,000	-	-
0		Pickup Truck w/ plow	-	-	70,000	70,000
0		Water Crew Truck	-	-	-	200,000
0		Tractor Backhoe	-	-	135,000	140,000
0		Equipment Trailers	-	-	-	20,000
Total Section A - Replacement Units				\$ 1,404,000	\$1,595,000	\$1,550,000

• ***Section B - New Units***

2019 Quantity	Replaces	Description	Unit Cost	2019 Proposed	2020 Proposed	2021 Proposed
2		Cargo Trailer	15,000	\$ 30,000	\$ -	\$ -
1		Pickup Truck Crew Cab	32,000	\$ 32,000	\$ -	\$ -
2		Cargo Van	33,000	\$ 66,000	\$ -	\$ -
Total Section B - New Units				\$ 128,000	\$ -	\$ -

• **Section C - Tools and Equipment**

2019 Quantity	Replaces	Description	Unit Cost	2019 Proposed	2020 Proposed	2021 Proposed
1		Fleet & Fuel Software Upgrade	\$70,000	\$ 70,000	\$ 70,000	\$ -
1		Hoist Replacement	50,000	50,000	-	-
Total Section C - Tools and Equipment				\$ 120,000	\$ 70,000	\$ -

• **Summary of Capital Purchases**

2019 Quantity	Replaces	Description	Unit Cost	2019 Proposed	2020 Proposed	2021 Proposed
17	Various	Replacement Units Average	63,105	\$ 1,404,000	\$ 1,595,000	\$ 1,550,000
5	Various	New Units	26,667	128,000	-	-
2	Various	Tools and Equipment	\$60,000	120,000	70,000	-
Total Section B - New Units				\$ 1,652,000	\$ 1,665,000	\$ 1,550,000

**Internal Service Funds
Fleet Maintenance**

FLEET MAINTENANCE FUND

• *Equipment to be Replaced - Estimated Proceeds*

Item #	Equipment#	Description	Estimated Recovery
A		Police Training Van	\$4,000
B		Police Patrol Cars@ \$4,500 each x 6	\$27,000
C		Police Detective @ \$ 3,500 each X 2	\$7,000
D		Fire Dept. 4x4	\$6,000
E		16 Yd. Dump Truck	\$35,000
F		Sewer Jet Catch Basin Cleaner	\$63,600
G		12 Yd. Dump Truck	\$23,000
H		Cargo Van	\$6,000
I		Pickup Truck @ \$ 3,000 each X 2	\$6,000
J		Pickup w/Plow & Liftgate	\$4,000
Total Replacement Units			\$181,600

**Internal Service Funds
General Government**

Fleet Maintenance

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 661 Motor Pool								
<u>REVENUES</u>								
Department: 000 Revenue								
Business Unit: 661 Revenues								
661.000.00.000								
Charges for Services	\$ 113,042	\$ 136,116	\$ 97,500	\$ 96,900	\$ 81,000	-16.41%	\$ 85,700	\$ 89,800
Contributions - local	1,385	-	-	-	-	0.00%	-	-
Interest and rents	3,511,294	3,467,770	3,767,920	4,029,573	4,308,850	6.93%	4,352,280	4,478,210
Other Revenues	305,568	376,559	253,500	268,000	283,600	5.82%	328,500	292,500
Total Revenues	3,931,289	3,980,446	4,118,920	4,394,473	4,673,450	6.35%	4,766,480	4,860,510
<u>EXPENSE</u>								
Expenditures for Operations								
Business Unit: 549 Motor Pool Administration								
661.549.00.549								
Personal Services	417,957	447,792	463,210	495,740	538,390	8.60%	552,870	567,730
Supplies	6,367	9,469	10,430	10,625	11,100	4.47%	11,250	11,350
Other Service Charges	137,949	136,151	146,280	145,185	150,280	3.51%	153,940	157,740
Total Motor Pool Administration	562,273	593,412	619,920	651,550	699,770	7.40%	718,060	736,820
Business Unit: 550 Equipment Operation & Maint.								
661.549.00.550								
Personal Services	980,223	907,965	993,110	1,245,190	1,269,820	1.98%	1,303,920	1,338,990
Supplies	897,289	881,512	1,088,000	1,065,320	1,182,500	11.00%	1,233,800	1,309,900
Other Service Charges	51,217	67,384	59,730	93,600	75,070	-19.80%	77,570	60,360
Total Equipment Operations & Maintenance	1,928,729	1,856,860	2,140,840	2,404,110	2,527,390	5.13%	2,615,290	2,709,250
Business Unit: 551 DPW Facility Maintenance								

**Internal Service Funds
General Government**

Fleet Maintenance

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
661.549.00.551								
Personal Services	-	-	-	-	-	0.00%	-	-
Supplies	13,942	26,629	24,950	22,000	25,400	15.45%	25,500	192,000
Other Service Charges	264,386	255,066	437,720	433,727	416,710	-3.92%	421,320	366,730
Total DPW Facility Maintenance	278,328	281,695	462,670	455,727	442,110	-2.99%	446,820	558,730
Total Operating Expenses (Before Cap/Depr)	2,769,330	2,731,967	3,223,430	3,511,387	3,669,270	4.50%	3,780,170	4,004,800
Total Operating Income (Before Cap/Depr)	1,161,958	1,248,479	895,490	883,086	1,004,180	13.71%	986,310	855,710
Business Unit: 555 Capital/Depreciation Expense								
661.549.00.565								
Depreciation	626,741	771,928	-	-	-	0.00%	-	-
Capital Expenditures	-	-	1,295,500	1,449,000	1,652,000	14.01%	1,665,000	1,550,000
Total Capital/Depreciation Expense	626,741	771,928	1,295,500	1,449,000	1,652,000	14.01%	1,665,000	1,550,000
Total Income (Loss) Before Transfers	535,218	476,551	(400,010)	(565,914)	(647,820)	14.47%	(678,690)	(694,290)
Business Unit: 549								
661.549.00.549								
Transfers (Out)	-	-	-	-	-	0.00%	-	-
Net Income (Loss)	535,218	476,551	(400,010)	(565,914)	(647,820)	14.47%	(678,690)	(694,290)
Beginning Net Position	9,772,954	10,308,172	10,784,723	10,784,723	10,384,713	-3.71%	9,736,893	9,058,203
Ending Net Position	\$ 10,308,172	\$ 10,784,723	\$ 10,384,713	\$ 10,218,809	\$ 9,736,893	-4.72%	\$ 9,058,203	\$ 8,363,913

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
- » Supports 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.

PERFORMANCE INDICATORS

Performance Indicators	2015/16 Actual	2016/17 Actual	2017/18 Projected	2018/19 Budget
Software Supported	154	162	162	162
Personal Computers Supported	484	498	502	502
Printers Supported	140	145	145	145
Servers Supported	63	70	76	71
Computer Help Desk Requests	3,028	3,207	3,300	3,300
IT Staff Training Costs	\$ 1,160	\$ 13,300	\$ 10,000	\$ 16,000
Equipment Maintenance Costs	\$ 19,376	\$ 14,000	\$ 14,000	\$ 16,400
Standard Computer Chargeback Rates	\$ 3,800	\$4,031/ \$3,819	\$4,152/ \$3,934	\$4,235/ \$4,012

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 - 2018/19 Budget Compared to 2017/18***

Personal Services

Increase above normal salary & wages due to increase in actuarially determined contribution for Retiree Healthcare.

Supplies

No significant changes from last year. We continued to budget the second half of the replacements of our fleet of desktop and portable computers in Operating Supplies - Computer Supplies. They are now nearing 5+ years of age.

Other Service Charges

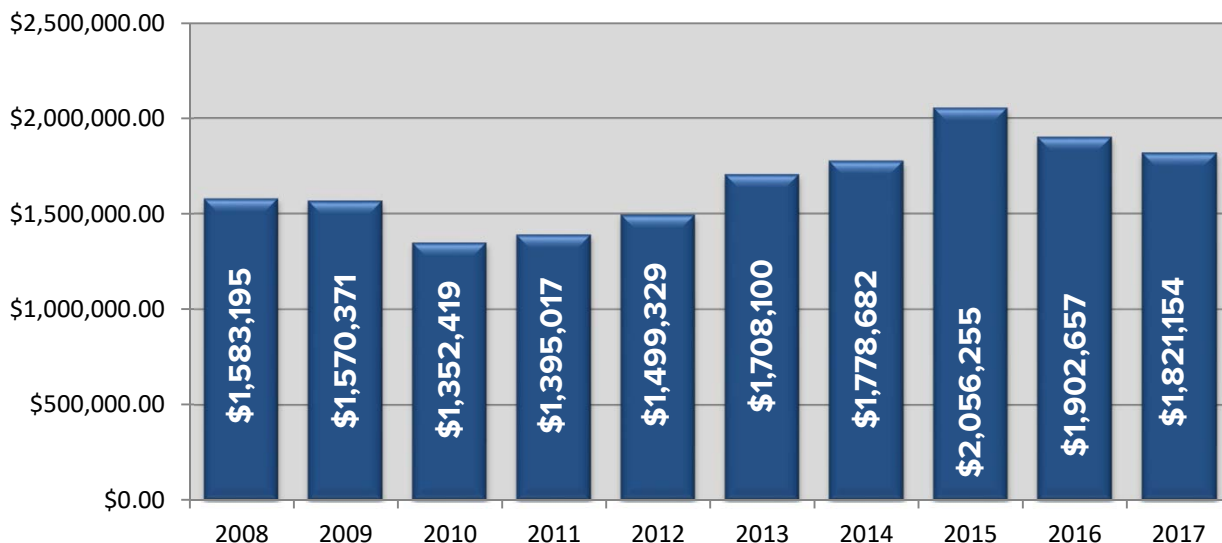
No significant changes.

Capital Outlay

This year we are budgeting to replace the Uninterruptible Power Supply (UPS) units in our data center, and to upgrade our email system from Exchange 2013 to the latest offering.

Positions	2016 Budget		2017 Budget		2018 Budget		2019 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
Total Department	10.25	0	9.7	0	9.7	0	9.7	0

- Operating Budget History***



Internal Service Funds

Information Technology

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 636 Information Technology								
REVENUES								
Department: 000 Revenue								
Business Unit: 636 IT Revenue								
636.000.00.000								
Charges for Services	\$ 1,844,769	\$ 1,963,410	\$ 2,055,120	\$ 2,055,120	\$ 2,109,610	2.65%	\$ 2,151,810	\$ 2,194,840
Interest and rents	8,028	81	2,000	4,000	2,000	-50.00%	2,000	2,000
Other Revenues	680	-	-	-	-	0.00%	-	-
Transfers In	-	-	-	-	-	0.00%	-	-
Total Revenues	1,853,477	1,963,491	2,057,120	2,059,120	2,111,610	2.55%	2,153,810	2,196,840
EXPENSE								
Business Unit: 228 Information Technology								
Expenditures for Operations								
636.228.00.228								
PERSONAL SERVICES	1,131,786	1,190,063	1,203,650	1,246,390	1,344,530	7.87%	1,380,640	1,417,730
SUPPLIES	145,348	53,516	291,830	292,800	292,600	-0.07%	278,000	132,000
OTHER SERVICE CHARGES	467,719	443,813	481,590	491,210	485,130	-1.24%	506,930	506,930
Total Operating Expense	1,744,853	1,687,392	1,977,070	2,030,400	2,122,260	4.52%	2,165,570	2,056,660
Income from Operations (Before Cap/Depr)	108,624	276,099	80,050	28,720	(10,650)	-137.08%	(11,760)	140,180

Internal Service Funds

Information Technology

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Capital/Depreciation Expense								
636.228.00.228								
Depreciation	117,838	133,762	-	-	-	0.00%	-	-
Capital Expenditures	39,966	(0)	120,000	120,000	125,000	4.17%	100,000	20,000
Transfers In	-	-	-	-	-	0.00%	-	-
Total Capital/Depreciation Expense	157,804	133,762	120,000	120,000	125,000	4.17%	100,000	20,000
Total Income (Loss)	(49,181)	142,337	(39,950)	(91,280)	(135,650)	48.61%	(111,760)	120,180
Beginning Net Position	1,263,601	1,214,420	1,356,758	1,356,758	1,316,808	-2.94%	1,181,158	1,069,398
Ending Net Position	\$ 1,214,420	\$ 1,356,758	\$ 1,316,808	\$ 1,265,478	\$ 1,181,158	-6.66%	\$ 1,069,398	\$ 1,189,578

**Internal Service Funds
General Government**

Unemployment Compensation

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 605 Unemployment Comp								
<u>REVENUES</u>								
Department: 000 Revenue								
Business Unit: 605 Unemployment								
605.000.00.000								
Charges for Services	\$ 2,109	\$ 3,759	\$ 3,800	\$ 3,000	\$ 3,800	26.67%	\$ 3,800	\$ 3,800
Interest and Rents	603	5	100	200	100	-50.00%	100	100
Other Revenues	-	-	-	-	-	0.00%	-	-
Total Revenues	2,712	3,763	3,900	3,200	3,900	21.88%	3,900	3,900
<u>EXPENSE</u>								
Business Unit: 870 Unemployment								
Expenditures for Operations								
605.870.00.870								
PERSONAL SERVICES	-	-	-	-	-	0.00%	-	-
SUPPLIES	-	-	-	-	-	0.00%	-	-
OTHER SERVICE CHARGES	2,712	3,763	3,900	3,200	3,900	21.88%	3,900	3,900
Total Operating Expense	2,712	3,763	3,900	3,200	3,900	21.88%	3,900	3,900
Income from Operations	0	(0)	-	-	-	0.00%	-	-
Beginning Net Position	40,000	40,000	40,000	40,000	40,000	0.00%	40,000	40,000
Ending Net Position	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	0.00%	\$ 40,000	\$ 40,000

**Internal Service Funds
General Government**

Worker's Compensation Reserve

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 606 Worker's Comp Reserve								
<u>REVENUES</u>								
Department: 000 Revenue								
Business Unit: 606 Work Comp Revenue								
606.000.00.000								
Charges for Services	\$ 291,034	\$ 481,357	\$ 373,380	\$ 507,330	\$ 388,320	-23.46%	\$ 396,090	\$ 404,010
Interest and rents	34,610	247	1,000	15,000	1,000	-93.33%	1,000	1,000
Other Revenues	4,833	-	21,000	-	-	0.00%	-	-
Total Revenues	330,477	481,604	395,380	522,330	389,320	-25.46%	397,090	405,010
<u>EXPENSE</u>								
Business Unit: 871 Worker's Compensation								
Expenditures for Operations								
606.871.00.871								
PERSONAL SERVICES	-	-	-	-	-	0.00%	-	-
SUPPLIES	-	-	-	-	-	0.00%	-	-
OTHER SERVICE CHARGES	330,477	481,604	395,380	522,330	389,320	-25.46%	397,090	405,010
Total Operating Expense	330,477	481,604	395,380	522,330	389,320	-25.46%	397,090	405,010
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
Ending 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

**Internal Service Funds
General Government**

Compensated Absences

	2016 Actual Amount	2017 Actual Amount	2018 Estimated Amount	2018 Amended Budget	2019 Proposed	% Change	2020 Proposed	2021 Proposed
Fund: 630 Compensated Absences								
<u>REVENUES</u>								
Department: 000 Revenue								
Business Unit: 630 Comp Abs Revenue								
630.000.00.000								
Interest and rents	\$ 69,259	\$ 582	\$ 2,000	\$ 34,000	\$ 2,000	-94.12%	\$ 2,000	\$ 2,000
Other Revenues	4,088,923	4,299,563	4,570,760	4,312,960	4,837,750	12.17%	4,982,950	5,132,480
Total Revenues	4,158,182	4,300,145	4,572,760	4,346,960	4,839,750	11.34%	4,984,950	5,134,480
<u>EXPENSE</u>								
Business Unit: 859 Compensated Absences								
Expenditures for Operations								
630.859.00.859								
PERSONAL SERVICES	4,158,182	4,212,839	4,572,760	4,346,960	4,839,750	11.34%	4,984,950	5,134,480
SUPPLIES	-	-	-	-	-	0.00%	-	-
OTHER SERVICE CHARGES	-	-	-	-	-	0.00%	-	-
Total Operating Expense	4,158,182	4,212,839	4,572,760	4,346,960	4,839,750	11.34%	4,984,950	5,134,480
Income from Operations	-	87,306	-	-	-	0.00%	-	-
Beginning Net Position	912,694	912,694	1,000,000	1,000,000	1,000,000	0.00%	1,000,000	1,000,000
Ending Net Position	\$ 912,694	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	0.00%	\$ 1,000,000	\$ 1,000,000

An abstract graphic consisting of three thin black lines. One line is vertical on the left side. Another line is vertical on the right side. A third line starts from the top right, extends diagonally down and to the left, crossing the right vertical line, and then continues horizontally to the left, passing through the text.

WE LEAD BY EXAMPLE
WITHIN THE REGION



Supplemental Information

Governmental Funds Revenues, Expenditures and Changes in Fund Balance

Description	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Revenues										
Property Taxes	\$ 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	\$ 48,330,909
Licenses and Permits	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	2,755,580
Federal Sources	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	564,401
State Sources	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	15,102,588
County Sources	758,058	465,212	908,398	1,039,709	614,530	786,068	31,209	587,902	1,401,455	1,624,744
Charges for Services	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	9,198,024
Fines and Forfeits	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	1,415,429
Interest Income	2,782,486	1,592,062	643,073	430,899	186,897	154,351	348,625	224,322	865,229	10,795
Miscellaneous	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	3,167,305
Total Revenues	80,993,861	81,453,768	79,899,632	72,069,586	72,508,596	77,126,996	76,794,410	81,062,887	83,245,425	82,169,775
Expenditures										
General Government	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	7,931,122
Public Safety	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	29,860,208
Roads and Streets	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	5,441,176
Other Public Works	2,676,845	2,525,114	2,043,464	1,756,490	1,680,731	1,779,928	-	-	-	-
Sanitation	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	4,890,106
Community Develop.	115,981	195,216	127,522	148,800	133,712	621,439	18,327,123	3,207,237	3,186,003	3,364,862
Recreation/Culture	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	9,793,755
Capital Outlay	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	18,916,700
Debt Service										
Principal	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	2,980,066
Interest	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	1,274,264
Total Expenditures	82,426,537	87,273,196	83,451,249	76,003,481	67,181,391	71,355,799	89,074,748	84,633,262	87,786,933	84,452,259
Excess revenues over (under) Expenditures	(1,432,676)	(5,819,428)	(3,551,617)	(3,933,895)	5,327,205	5,771,197	(12,280,338)	(3,570,375)	(4,541,508)	(2,282,484)

Governmental Funds
Revenues, Expenditures and Changes in Fund Balance

Description	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Other Financing sources (uses)										
Issuance of Debt	3,505,000	181,379	11,321,816	9,110,000	-	-	14,945,000	-	-	-
Proceeds from Sale of Capital Assets	47,902	131,205	-	61,373	-	51,220	273,700	415,717	172,438	1,299
Payments to Escrow	(3,601,840)	-	(11,261,350)	(9,919,004)	-	-	-	-	-	-
Premium on Debt Issue	-	-	-	947,639	-	-	-	-	-	-
Transfers In	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	15,568,422
Transfers Out	(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)	(15,568,422)
Total Other Financing Sources (Uses)	633,202	936,109	567,415	657,123	584,701	51,220	15,668,700	356,707	172,438	1,299
Net Change in Fund Balances	\$ (799,474)	\$ (4,883,319)	\$ (2,984,202)	\$ (3,276,772)	\$ 5,911,906	\$ 5,822,417	\$ 3,388,362	\$ (3,213,668)	\$ (4,369,070)	\$ (2,281,185)

Debt Service as a
percentage of
Non-capital
Expenditures

4.9% 5.3% 5.5% 6.1% 6.5% 6.4% 5.1% 6.7% 6.9% 6.5%

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
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%
2017*	\$ 6,260,979	\$ 1,563,397	\$ -	\$ 4,561,613	\$ 19,776,349	\$ 53,344,554	37%

* Note: Includes balance of stabilization fund in accordance with GASB statement 54

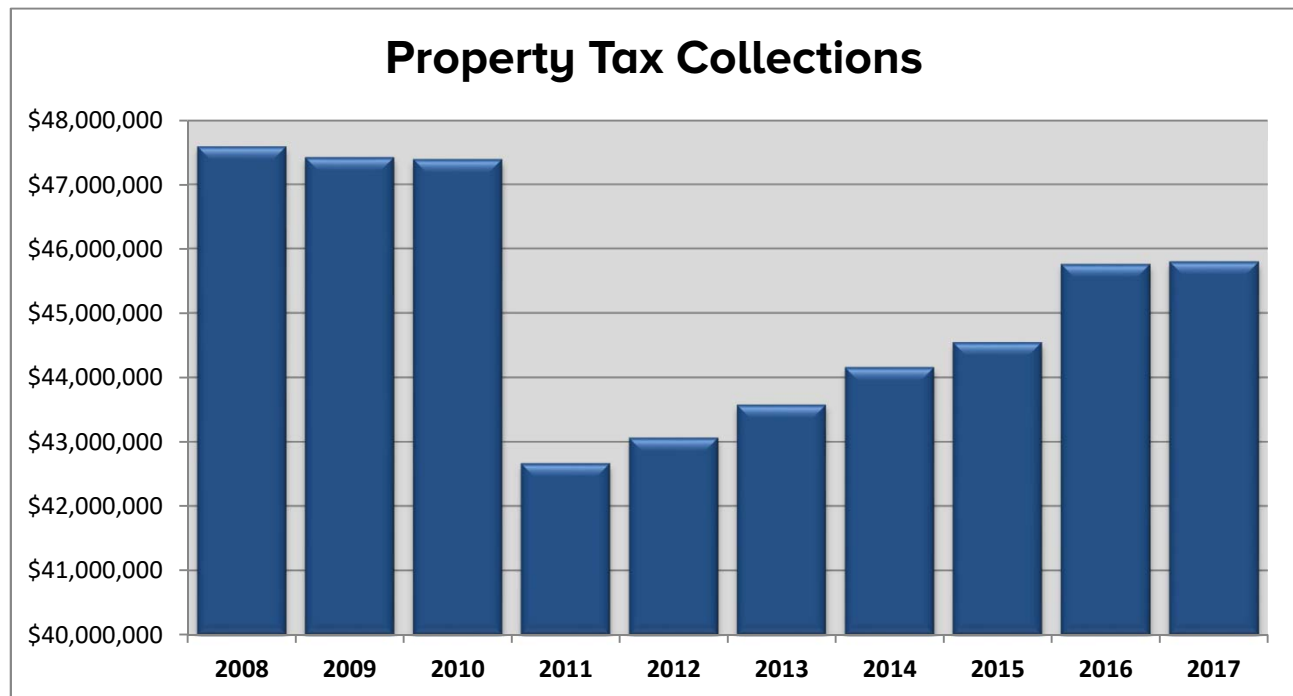
VALUE OF TAXABLE PROPERTY

10-YEAR HISTORY

Fiscal Year Ended 30-Jun	Real Property	Personal Property	Total Taxable Property	Real Property As Percent of Total Taxable Property
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%
2017	\$ 4,158,063,320	\$ 381,971,050	\$ 4,540,034,370	92%

Property Tax Levies and Collections 10-Year History

Fiscal Year Ended 30-Jun	Total Tax Levy	Current Tax Collections	% of Taxes Collected	Delinquent Tax Collections	Total Tax Collection	% of Total Collection to Tax Levy
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%
2017	\$ 46,326,577	\$ 45,802,258	98.87%	\$ 476,191	\$ 46,278,449	99.90%



Demographic Statistics

Fiscal Year				Median			
Ended	Estimated	# of		Income	School	Median	Unempl.
30-Jun	Population (5)	Households (1)		Per	Enrollments (3)	Age (4)	Rate (2)
				Household (1)			
2008	87,956	32,802		\$ 79,000	12,174	38.1	5.6%
2009	81,490 **	33,368 **		\$ 83,135 **	12,177	38.1 **	9.4%
2010	81,235 (4)	30,723		\$87,269	12,076	38.1	11.9% **
2011	80,980	32,907		\$ 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	32,002		\$ 87,269	12,731	41.8	3.5
2017	83,181	32,002		\$ 87,269	12,878	41.8	2.5

(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 2010 Census	Percentage of Population
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%

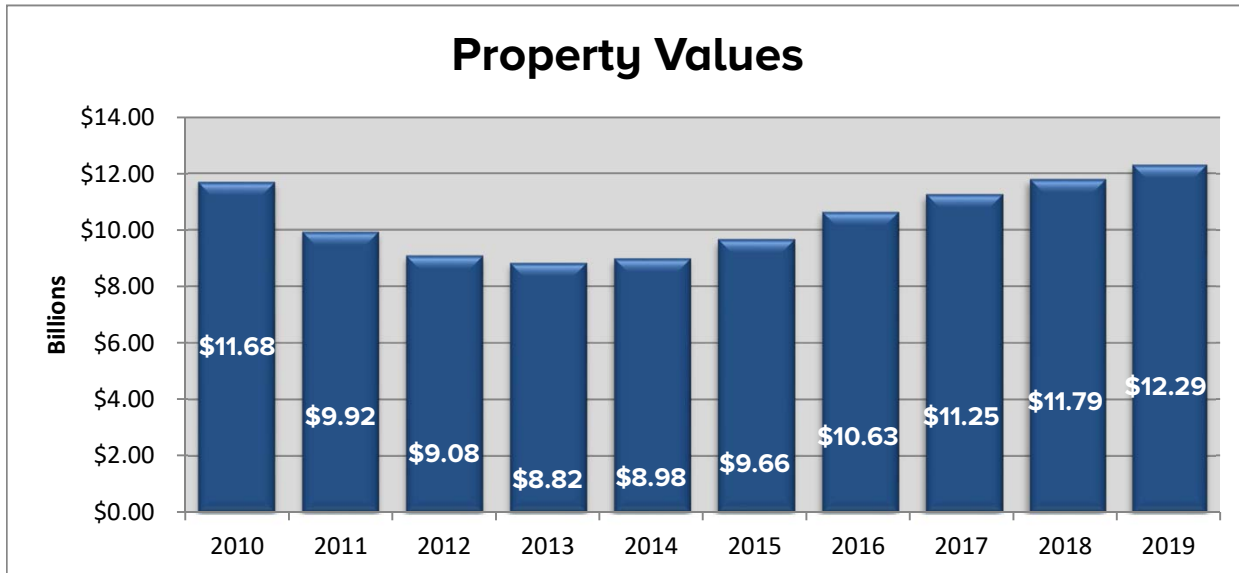
Top 20 Tax Payers

Rank Name	2018 Assessed Value	2018 Taxable Value	# of Parcels	Business Activity	% of Total Taxable Value
1 Frankel Forbes Cohen	70,662,250	54,119,590	3	Somerset Malls	1.11
2 DTE	42,006,440	41,599,480	17	Utility	0.85
3 Troy Apts IV	71,180,620	29,512,510	24	Apartment Leasing	0.61
4 Troy Officentre	28,310,750	28,310,750	7	Office Leasing	0.58
5 Urbancal Oakland	27,207,787	23,594,040	6	Oakland Mall	0.48
6 CC Troy Associates	24,839,370	20,851,440	3	Office Leasing	0.43
7 Kelly Services	24,456,840	19,657,800	8	Corp HQ	0.40
8 Wilshire Plaza	16,728,420	16,728,420	3	Office Leasing	0.34
9 Macy's	18,678,120	16,413,260	4	Retail	0.34
10 Consumers Energy	16,442,680	16,322,550	12	Utility	0.33
11 755 Tower	18,038,340	14,745,950	2	Office Leasing	0.30
12 Regents Park of Troy	15,843,345	13,314,290	3	Apartment Leasing	0.27
13 SCA-100 Ltd	12,542,390	12,542,390	1	Office Leasing	0.26
14 Nemer Place	10,486,630	10,307,400	5	Office Leasing	0.21
15 Somerset Place	13,708,230	10,277,430	1	Office Leasing	0.21
16 Tyler Technologies	10,622,790	9,831,760	2	Corp HQ	0.20
17 Gables of Troy	15,868,875	9,709,720	4	Apartment Leasing	0.20
18 Sheffield Owner	15,613,540	9,374,070	3	Office Leasing	0.19
19 Flagstar Bank	12,066,920	9,186,450	3	Corp HQ	0.19
20 Troy Sports Center	9,928,869	9,029,590	3	Retail	0.19
Total Top 20	\$ 475,233,206	\$ 375,428,890	114		7.70 %
Percent of Total Value	7.7%	7.7%			

2018 Total Assessed Value (A/V)	2018 Total Taxable Value (T/V)
6,146,885,474	4,873,078,440

Property Values and Construction Last 10 Fiscal Years

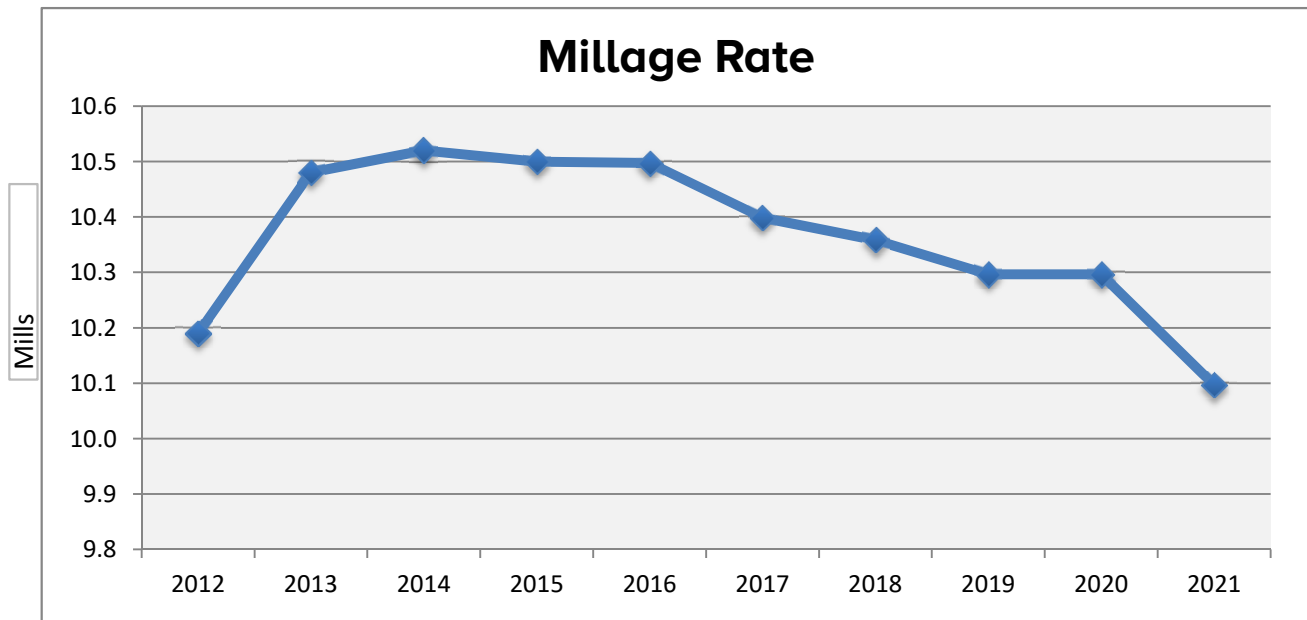
Fiscal Year Ended June 30 of:	Property Values	Construction
2010	\$11,677,738,478	\$235,276,998
2011	\$9,917,036,626	\$263,289,234
2012	\$9,080,825,360	\$252,679,260
2013	\$8,820,217,800	\$263,246,270
2014	\$8,982,864,680	\$211,200,000
2015	\$9,655,083,480	\$242,225,572
2016	\$10,627,223,400	\$193,228,860
2017	\$11,253,757,740	\$126,013,888
2018	\$11,788,480,440	\$92,929,120
2019	\$12,293,770,948	\$78,114,554



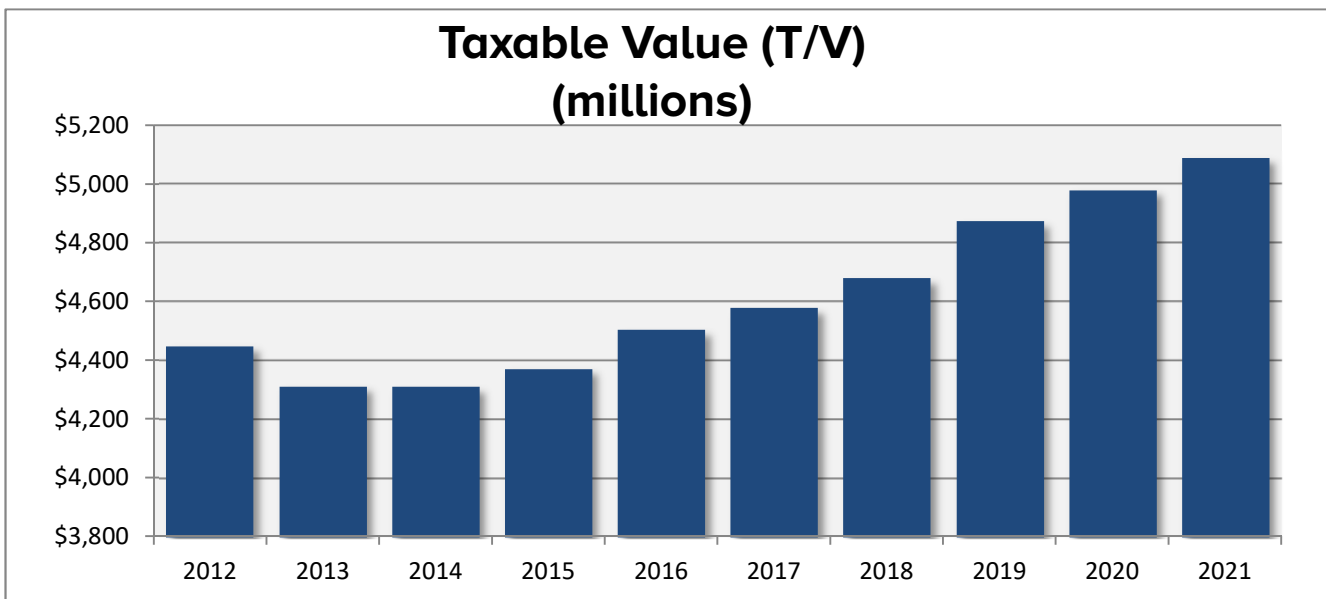
Collective Bargaining Agreements

Bargaining Unit	Expiration Date	# of Employees Covered
American Federation of State, County and Municipal Employees (AFSCME) - Public Works Employees	6/30/2021	66
Michigan Association of Police (MAP) - Clerical Employees, Police Service Aides	6/30/2018	41
Troy Command Officers Association (TCOA) - Command Police Officers	6/30/2019	24
Troy Police Officers Association (TPOA) - Police Officers	6/30/2020	80
Troy Fire Staff Officers Association (TFSOA) - Career Fire Professionals	6/30/2019	10
Troy Communications Supervisors Association (TCSA) Civilian Communications Supervisors	6/30/2021	8

Economic Information



The City of Troy has maintained one of the lowest tax rates of surrounding cities.



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

· Area	34.3 square miles (21,952 acres)	
· Form of Government	Council-Manager (since December 12, 1955)	
· Present Charter	Adopted December 12, 1955	
· Elections	General Elections are in November of odd numbered years:	
	Registered voters at the time of General Election on November 3, 2017	58,312
	Number of voters voting in General Election November 3, 2017	17,056
	Percentage of registered voters voted	29.2%
	Registered voters at the time of City General Election on November 5, 2015	57,345
	Number of voters voting in City General Election November 3, 2015	12,183
	Percentage of registered voters voted	21.2%
· Fiscal Year Begins	July 1 st	
· # of Employees	Budget for 2018/19 353 regular, 134 part time/seasonal (full-time equivalents), summer and fall programs	
· Fire Protection	6 stations, training center, 11 uniformed career personnel, 1 civilian and 180 volunteer firefighters	
· Police Protection	1 station, 113 police officers, 36 non-sworn and 14 civilian employees	
· Building Construction	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	
	2016/17 3,042 permits - \$166,876,878 estimated value	
	*Change in permit base	
· Streets	454 miles improved	
	4.4 miles unimproved	
· Sewers	7.5 miles (combination storm and sanitary)	
	400.5 miles sanitary sewer	
	637 miles storm sewer	
· Street Lights	562 Detroit Edison-owned	
	1007 City-owned	
· Water Plant	Accounts:	
	City - Regular 27,637	
	Annual Distribution 470,000 (mcf)	
	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.